

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120443.D
 Acq On : 29 May 2020 17:06
 Operator : MA/SJ
 Sample : PB129165BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:21:11 PM

Quant Time: May 29 17:39:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	276170	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1038564	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	509195	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	838636	20.00	ng	0.00
76) Chrysene-d12	14.00	240	524653	20.00	ng	0.00
86) Perylene-d12	15.44	264	575262	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1679483	115.89	ng	0.02
7) Phenol-d6	6.47	99	2083186	116.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	1344526	84.68	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	550117	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2442838	81.40	ng	0.00
79) Terphenyl-d14	12.94	244	2110470	89.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	275297	38.350	ng	98
3) Pyridine	3.42	79	646154	32.501	ng	97
4) n-Nitrosodimethylamine	3.37	42	342134	40.665	ng	98
6) Aniline	6.50	93	674100	27.066	ng	98
8) 2-Chlorophenol	6.62	128	723294	44.265	ng	98
9) Benzaldehyde	6.39	77	409637	37.629	ng	100
10) Phenol	6.49	94	801591m	41.038	ng	
11) bis(2-Chloroethyl)ether	6.57	93	680573	41.696	ng	98
12) 1,3-Dichlorobenzene	6.78	146	734153	40.896	ng	99
13) 1,4-Dichlorobenzene	6.86	146	740925	41.368	ng	99
14) 1,2-Dichlorobenzene	7.01	146	685877	41.460	ng	98
15) Benzyl Alcohol	6.98	79	576343	42.805	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1023993	39.794	ng	99
17) 2-Methylphenol	7.09	107	567814	38.861	ng	98
18) Hexachloroethane	7.35	117	268661	40.978	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	465982	41.041	ng	96
20) 3+4-Methylphenols	7.25	107	643480	34.860	ng	# 90
22) Acetophenone	7.25	105	866493	41.080	ng	# 99
24) Nitrobenzene	7.42	77	703867	41.155	ng	97
25) Isophorone	7.66	82	1310040	41.053	ng	99
26) 2-Nitrophenol	7.73	139	356858	46.278	ng	95
27) 2,4-Dimethylphenol	7.77	122	613416	45.807	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	836515	43.530	ng	99
29) 2,4-Dichlorophenol	7.97	162	583605	43.147	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	646730	42.607	ng	98
31) Naphthalene	8.15	128	1927749	42.264	ng	99
32) Benzoic acid	7.90	122	440699	44.347	ng	96
33) 4-Chloroaniline	8.19	127	326691	16.161	ng	98
34) Hexachlorobutadiene	8.26	225	378066	42.020	ng	100
35) Caprolactam	8.56	113	180646m	41.239	ng	
36) 4-Chloro-3-methylphenol	8.67	107	585711	42.681	ng	99
37) 2-Methylnaphthalene	8.83	142	1307058	43.263	ng	99
38) 1-Methylnaphthalene	8.93	142	1231795	43.195	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	612897	46.936	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	480197	65.891	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	432117	45.756	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	440899	41.186	nq	97
46) 1,1'-Biphenyl	9.30	154	1566661	46.836	nq	99
47) 2-Chloronaphthalene	9.32	162	1200706	43.592	nq	97
48) 2-Nitroaniline	9.42	65	353779	42.169	nq	97
49) Acenaphthylene	9.74	152	1862194	43.750	nq	100
50) Dimethylphthalate	9.60	163	1407171	44.204	nq	99
51) 2,6-Dinitrotoluene	9.66	165	304755	43.078	nq	97
52) Acenaphthene	9.91	154	1163537	43.800	nq	100
53) 3-Nitroaniline	9.82	138	148962	17.931	nq	99
54) 2,4-Dinitrophenol	9.93	184	158853	58.063	nq	94
55) Dibenzofuran	10.08	168	1638565	42.445	nq	100
56) 4-Nitrophenol	9.99	139	526024	82.707	nq	99
57) 2,4-Dinitrotoluene	10.06	165	389566	43.026	nq	95
58) Fluorene	10.43	166	1156295	39.914	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	362010	43.396	nq	98
60) Diethylphthalate	10.30	149	1396739	43.419	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	600034	38.204	nq	99
62) 4-Nitroaniline	10.44	138	242802	30.959	nq	98
63) Azobenzene	10.57	77	1254204	41.450	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	115402	37.727	nq	79
66) n-Nitrosodiphenylamine	10.53	169	1138697	48.880	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	392641	46.382	nq	# 92
68) Hexachlorobenzene	10.97	284	417482	46.309	nq	# 88
69) Atrazine	11.06	200	317634	48.375	nq	99
70) Pentachlorophenol	11.16	266	460981	83.633	nq	98
71) Phenanthrene	11.39	178	1631825	44.160	nq	99
72) Anthracene	11.44	178	1667202	44.967	nq	100
73) Carbazole	11.59	167	1505656	41.986	nq	100
74) Di-n-butylphthalate	11.92	149	1949358	46.729	nq	99
75) Fluoranthene	12.57	202	1592494	40.051	nq	99
77) Benzidine	12.69	184	971882	70.503	nq	97
78) Pyrene	12.80	202	1568584	42.991	nq	100
80) Butylbenzylphthalate	13.42	149	704174	46.229	nq	99
81) Benzo(a)anthracene	13.99	228	1227911	43.669	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	473925	46.425	nq	99
83) Chrysene	14.03	228	1263928	42.876	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	910057	50.896	nq	99
85) Di-n-octyl phthalate	14.59	149	1620609	52.380	nq	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1373232	43.645	nq	99
88) Benzo(b)fluoranthene	15.03	252	1374690	43.024	nq	99
89) Benzo(k)fluoranthene	15.06	252	1165427	39.071	nq	99
90) Benzo(a)pyrene	15.39	252	1184354	42.377	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1156397	45.081	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1127162	44.552	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

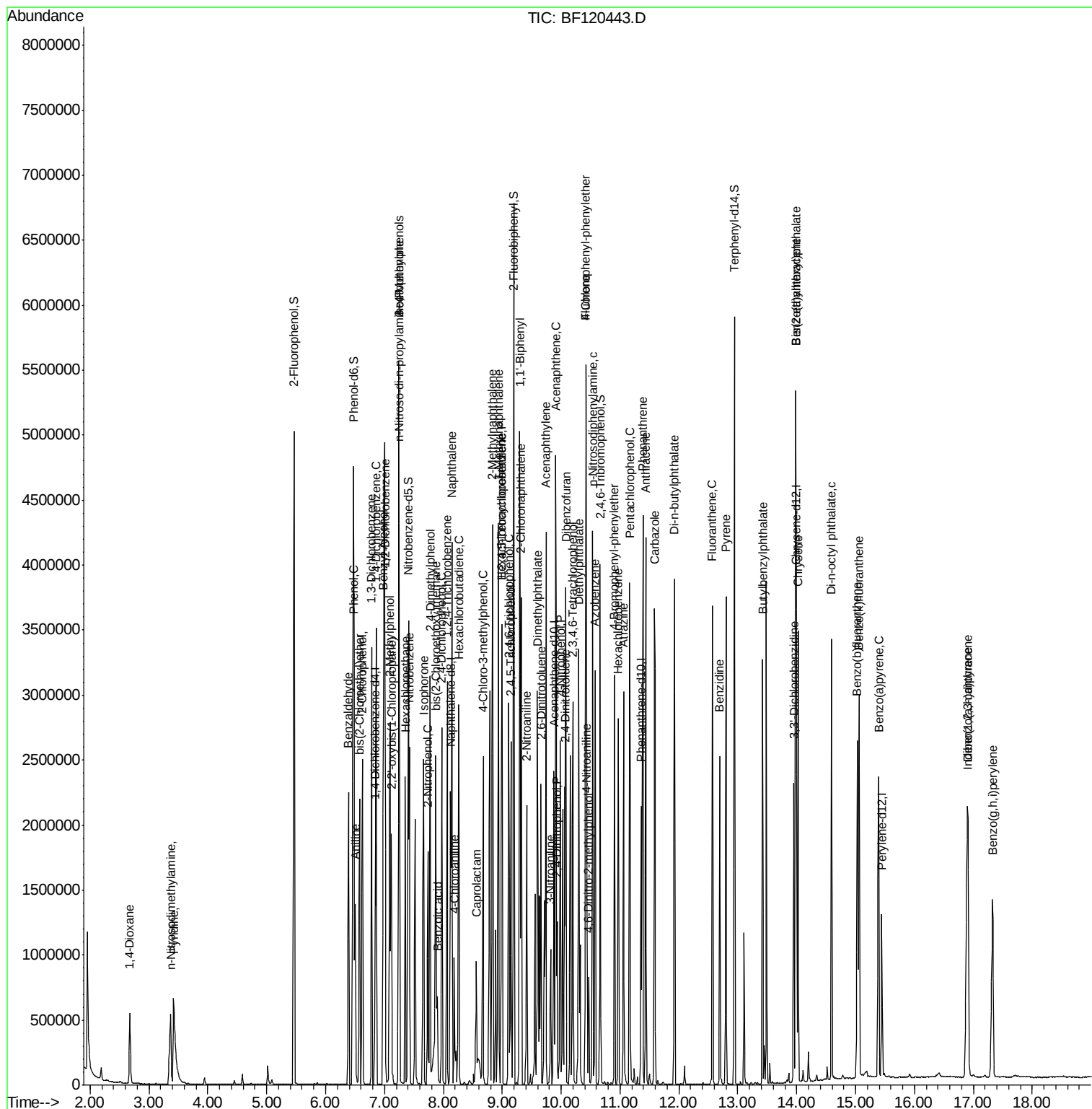
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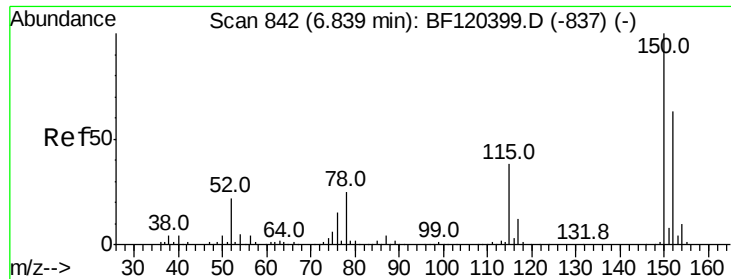
Instrument :
BNA_F
ClientSampleId :
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#1

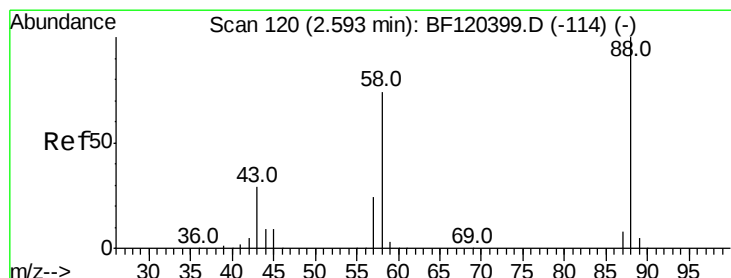
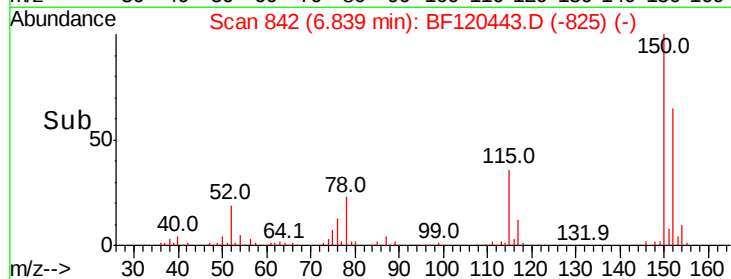
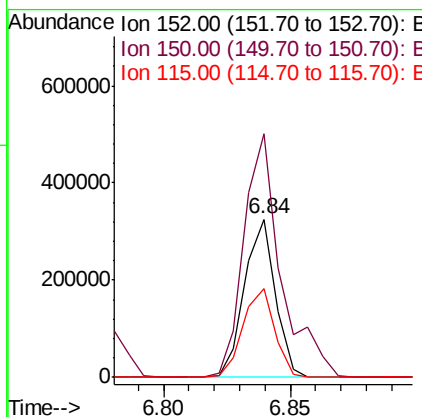
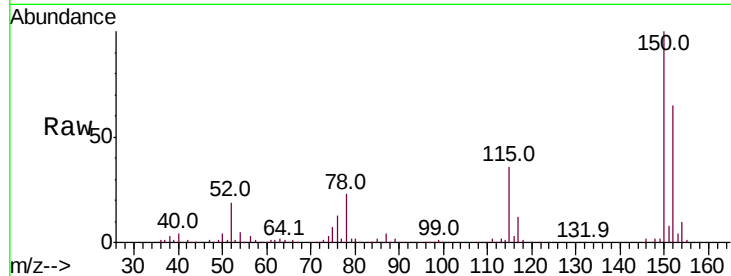
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.5	189.7
115	55.9	47.6	71.4

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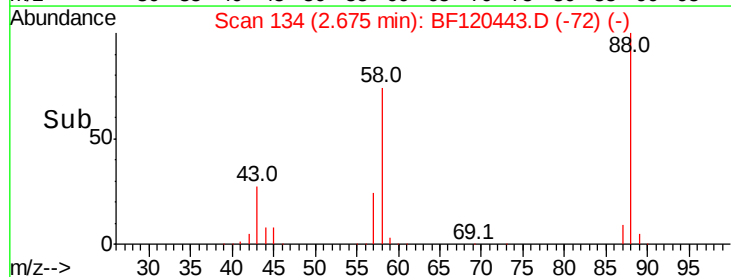
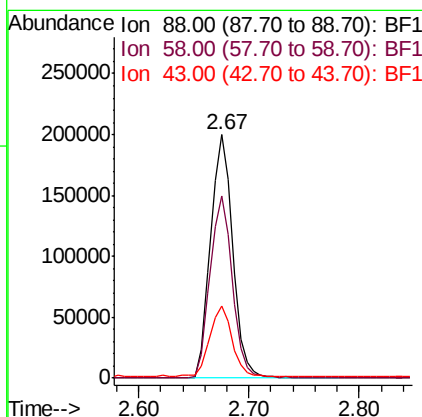
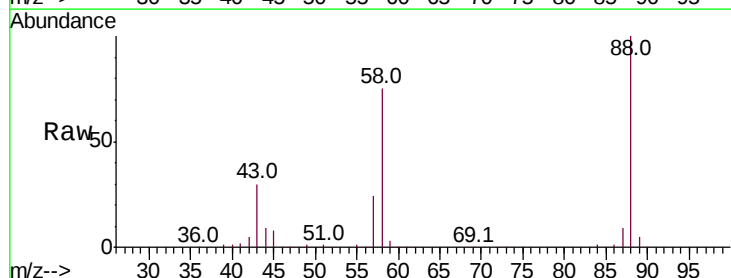
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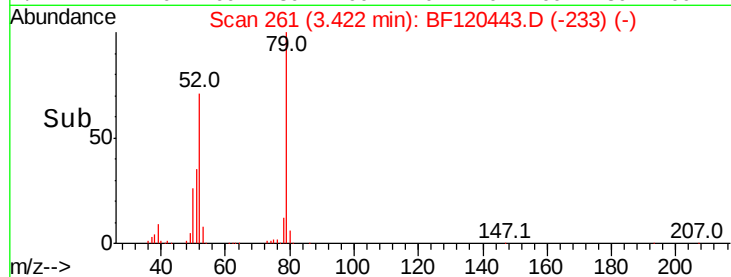
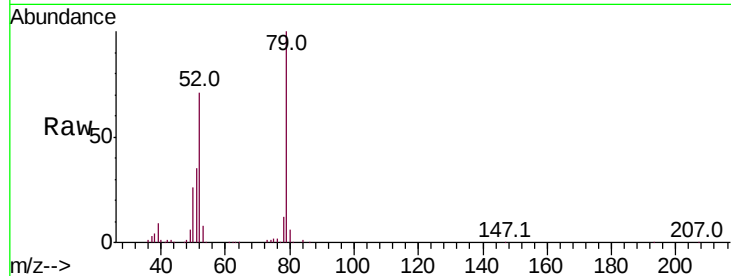
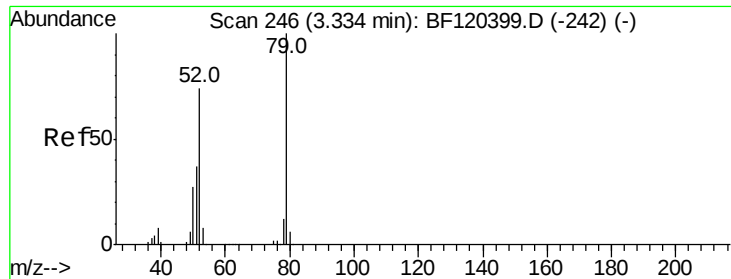


#2

1,4-Dioxane
Concen: 38.350 ng
RT: 2.67 min Scan# 134
Delta R.T. 0.06 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	61.0	91.4
43	29.0	23.6	35.4





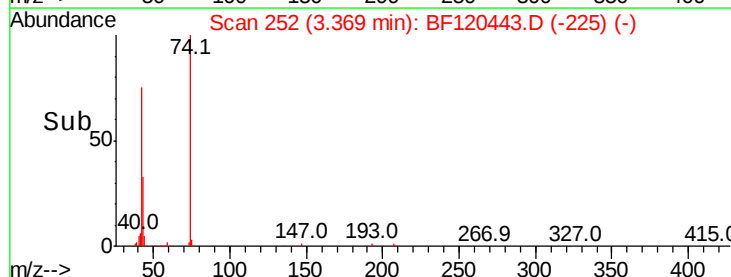
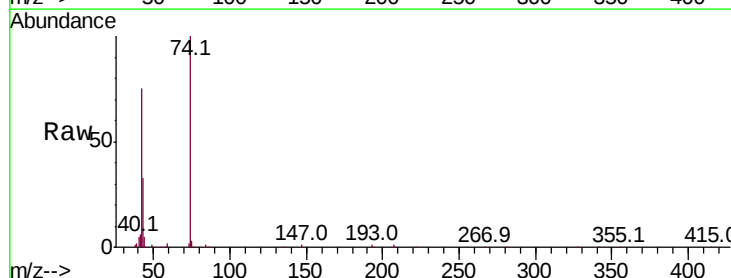
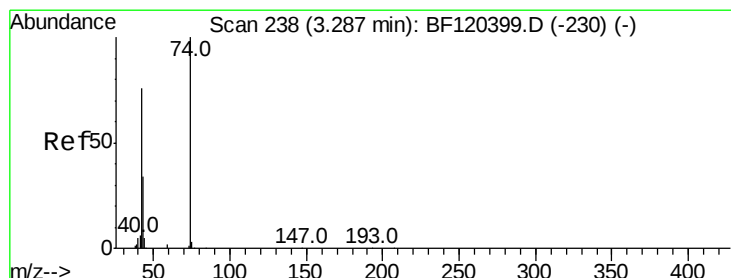
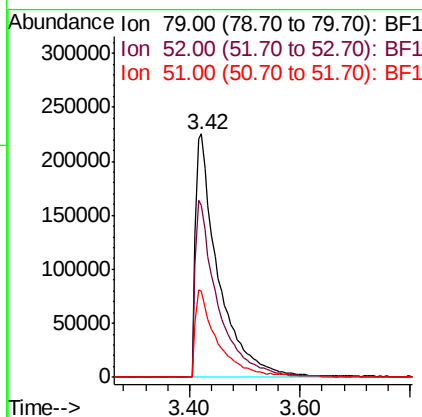
#3
Pvridine
Concen: 32.501 ng
RT: 3.42 min Scan# 261
Delta R.T. 0.06 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.7	59.2	88.8
51	35.3	29.4	44.2

Instrument :
BNA_F
ClientSampleId :
PB129165BS

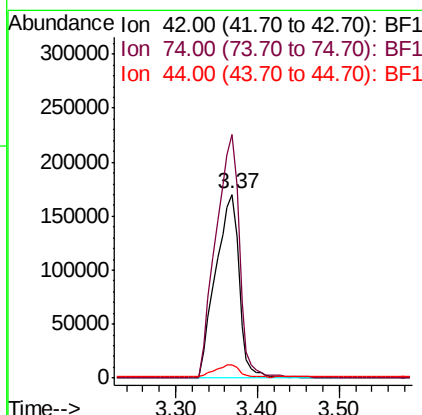
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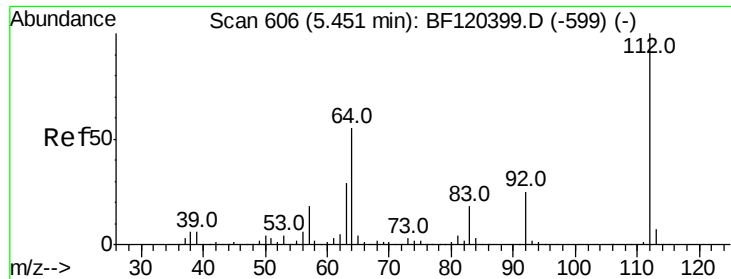
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#4
n-Nitrosodimethylamine
Concen: 40.665 ng
RT: 3.37 min Scan# 252
Delta R.T. 0.06 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.7	104.8	157.2
44	7.0	7.0	10.4





#5

2-Fluorophenol

Concen: 115.895 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampled :

PB129165BS

Tot Ion: 112 Resp: 1679483

Ion Ratio Lower Upper

112 100

64 53.6 44.3 66.5

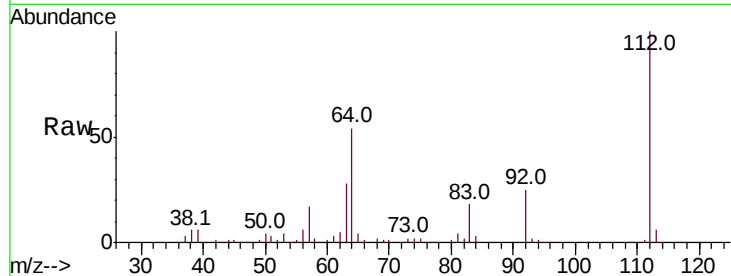
63 28.0 22.9 34.3

Manual Integrations

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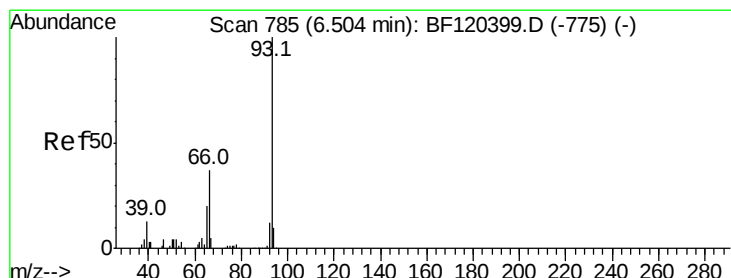
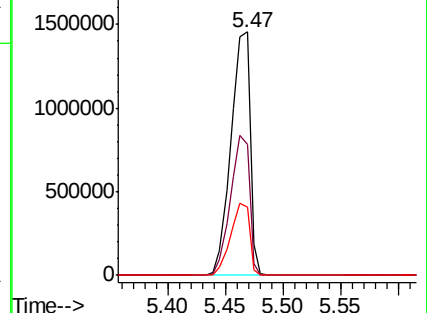
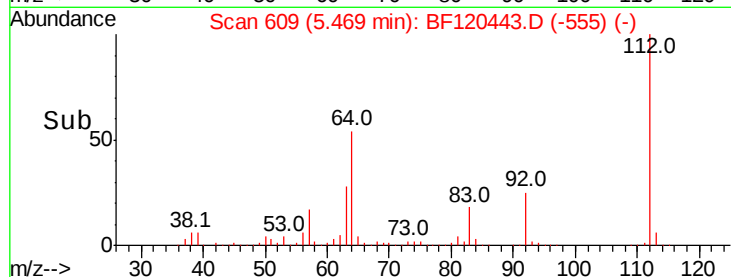
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.066 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

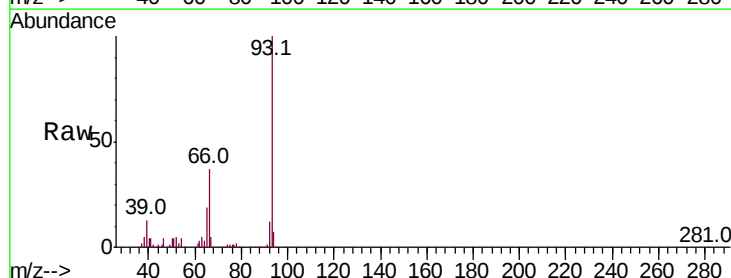
Tgt Ion: 93 Resp: 674100

Ion Ratio Lower Upper

93 100

66 36.8 30.4 45.6

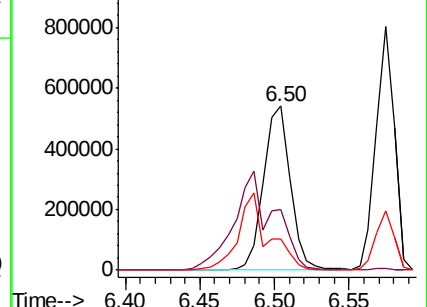
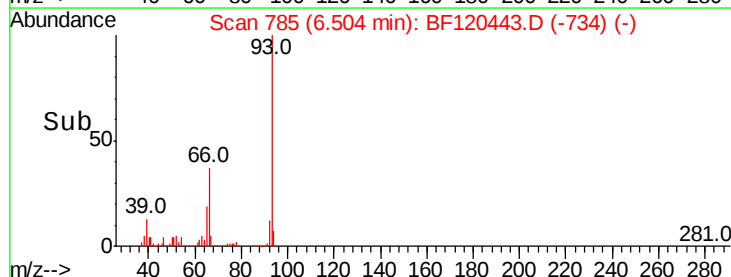
65 19.1 16.3 24.5

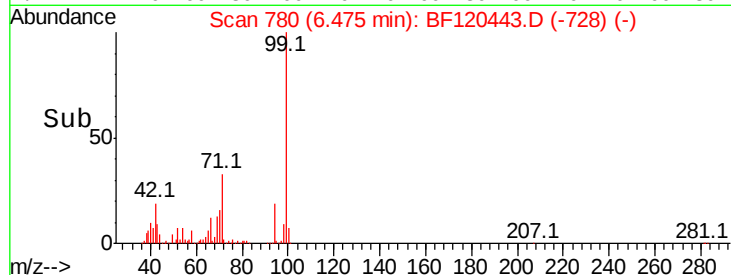
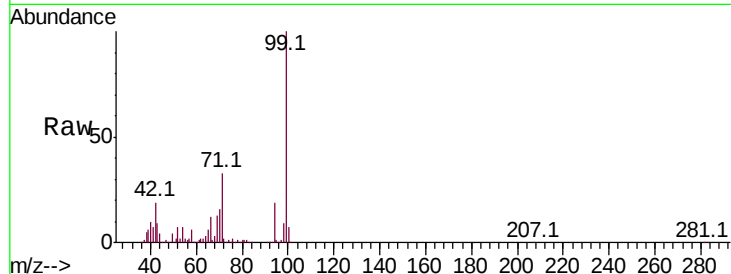
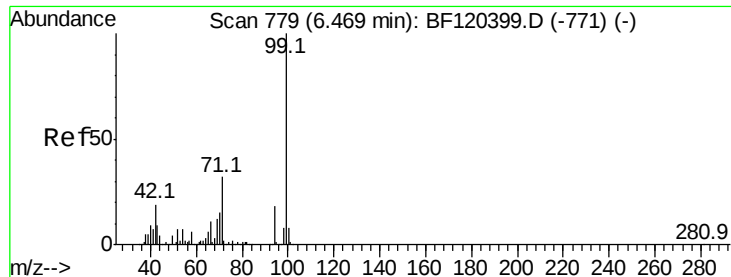


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.629 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tot Ion	99	Resp	2083186
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	33.2	25.6	38.4

Instrument :

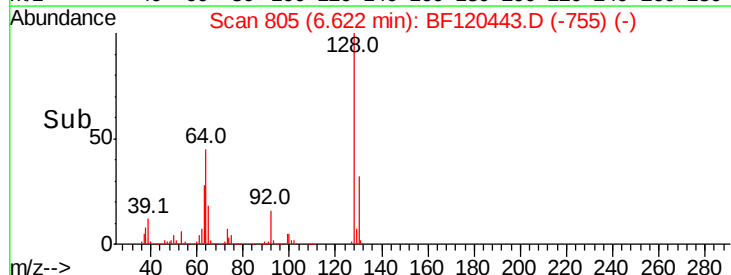
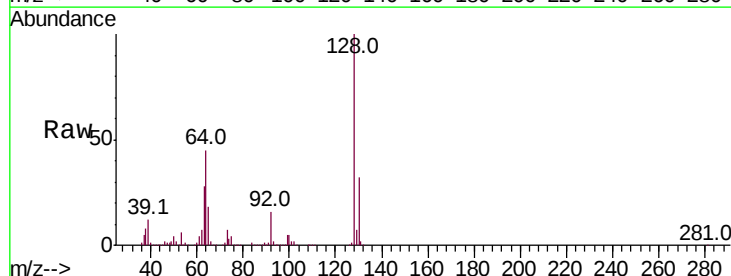
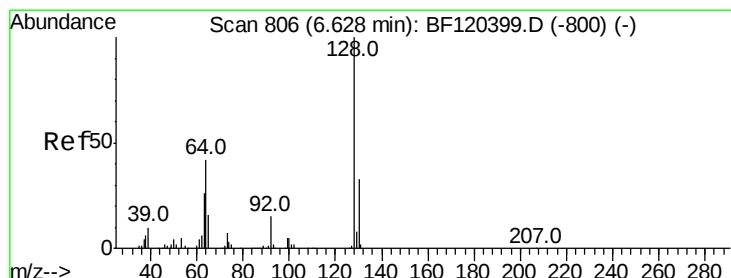
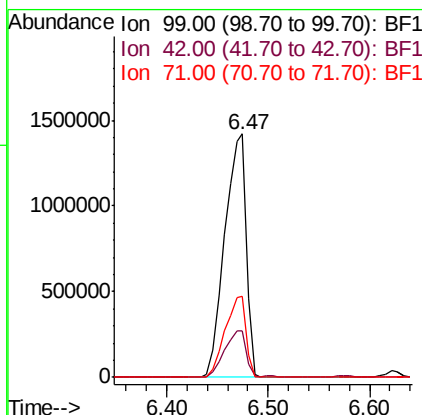
BNA_F

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#8

2-Chlorophenol

Concen: 44.265 ng

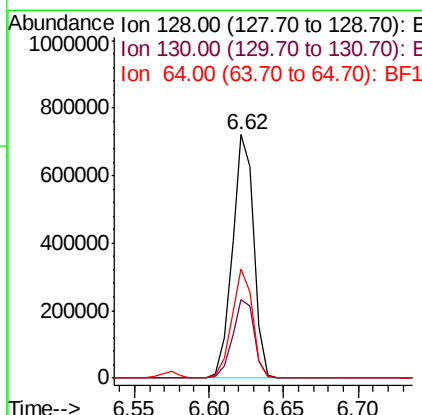
RT: 6.62 min Scan# 805

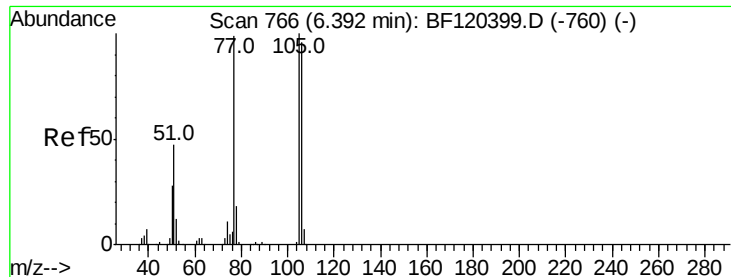
Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion	128	Resp	723294
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	45.0	23.2	63.2





#9

Benzaldehyde

Concen: 37.629 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

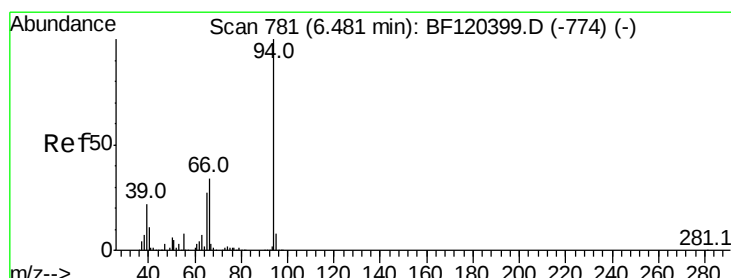
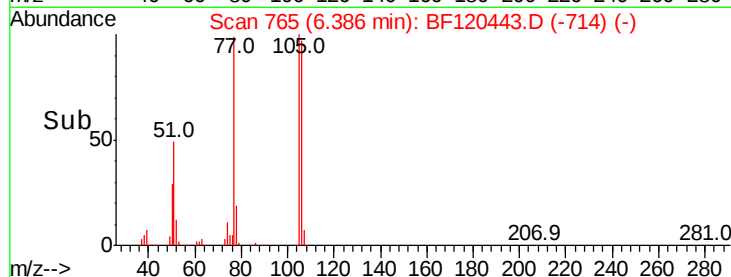
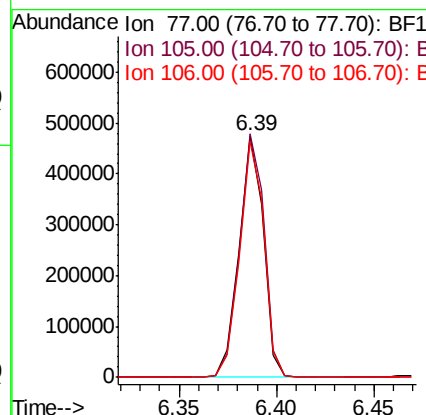
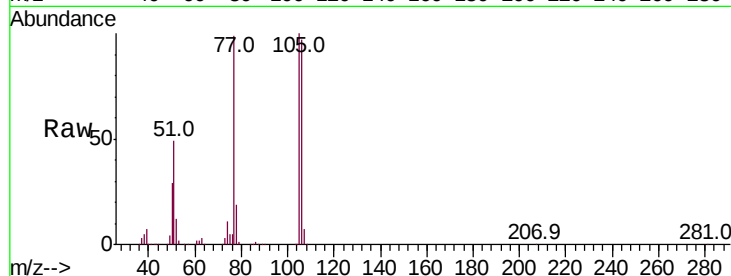
ClientSampleId :

PB129165BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	81.5	121.5
106	97.6	77.4	117.4

Manual Integrations
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#10

Phenol

Concen: 41.038 ng m

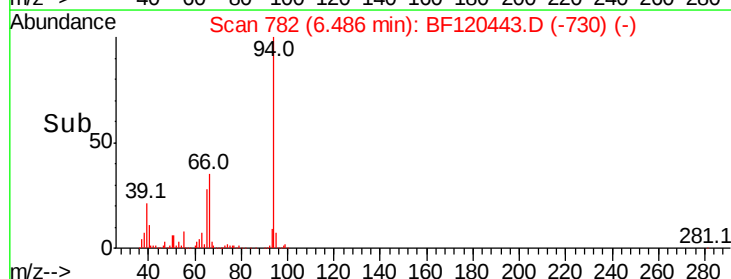
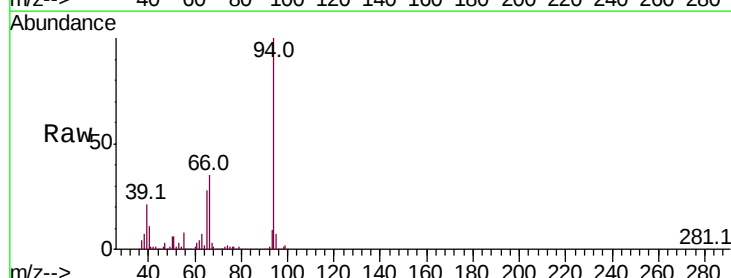
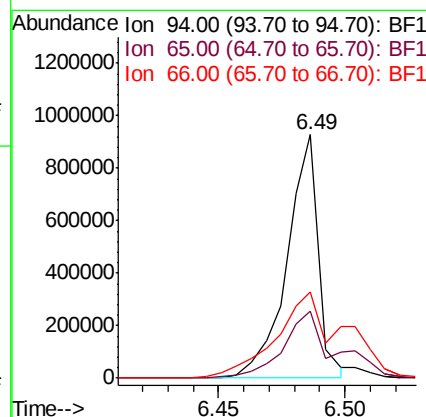
RT: 6.49 min Scan# 782

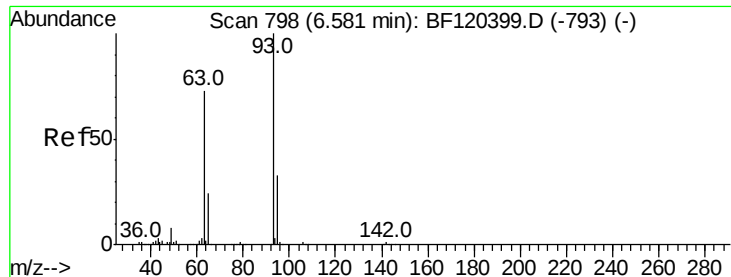
Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	6.8	46.8
66	35.2	13.9	53.9





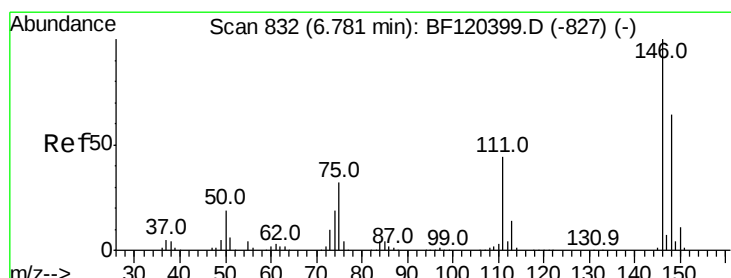
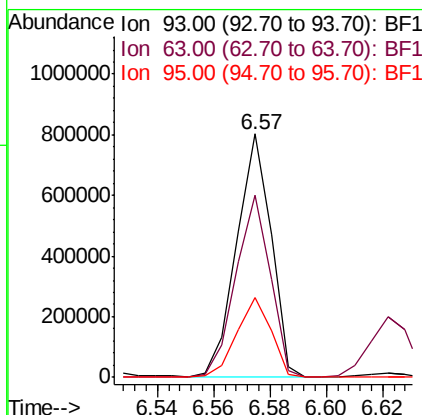
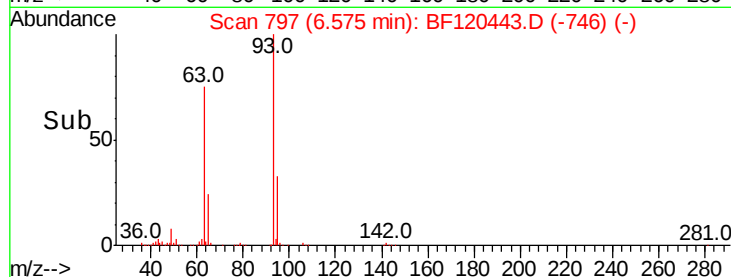
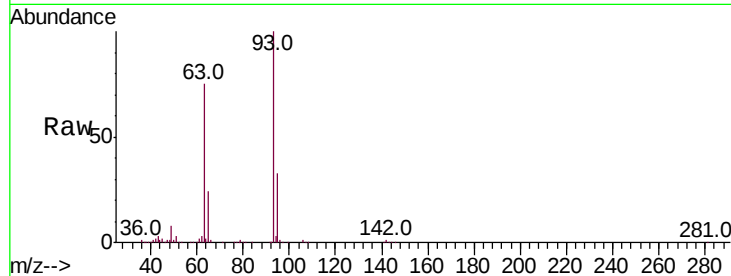
#11
bis(2-Chloroethyl)ether
Concen: 41.696 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	93	Resp	680573
Ion	Ratio	Lower	Upper
93	100		
63	74.9	52.8	92.8
95	32.9	12.6	52.6

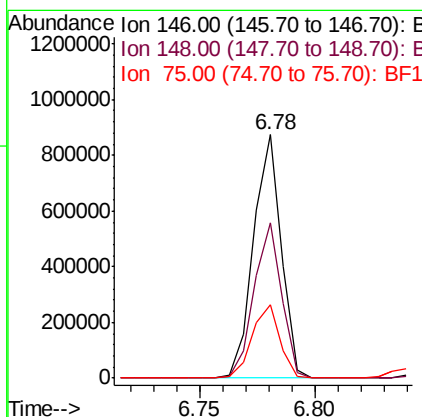
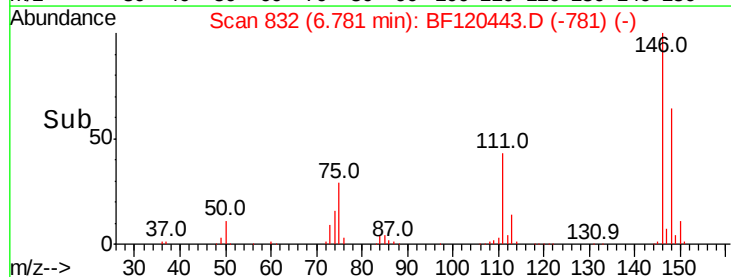
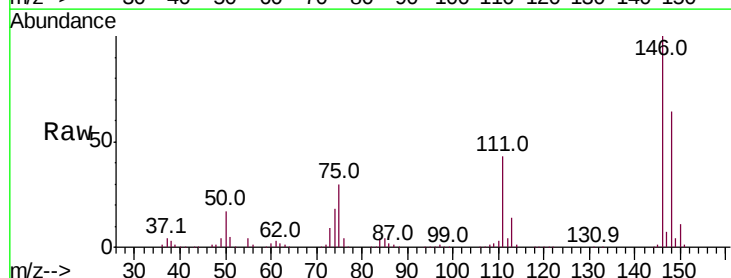
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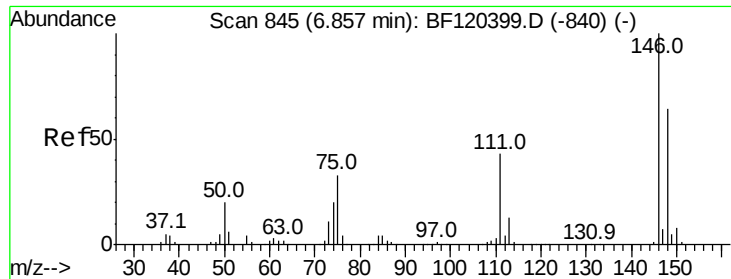
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#12
1,3-Dichlorobenzene
Concen: 40.896 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	146	Resp	734153
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
75	30.3	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 41.368 ng

RT: 6.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

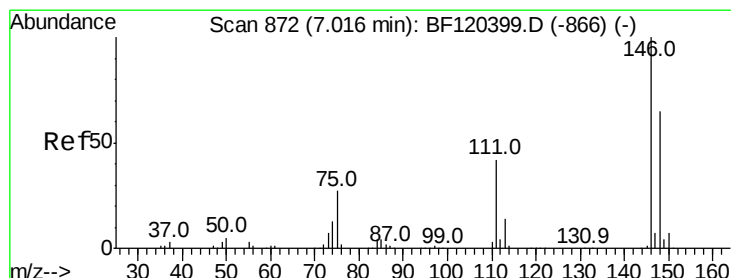
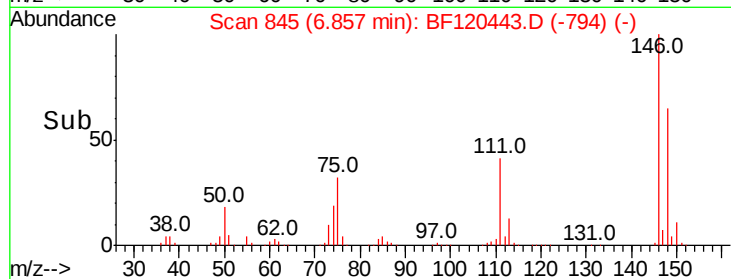
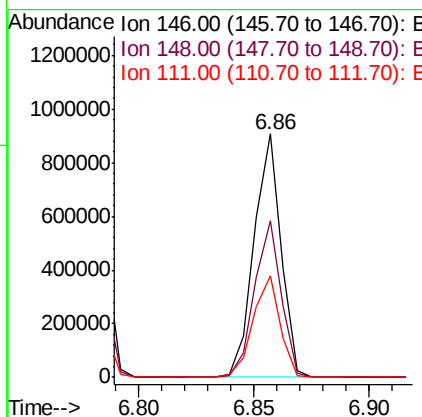
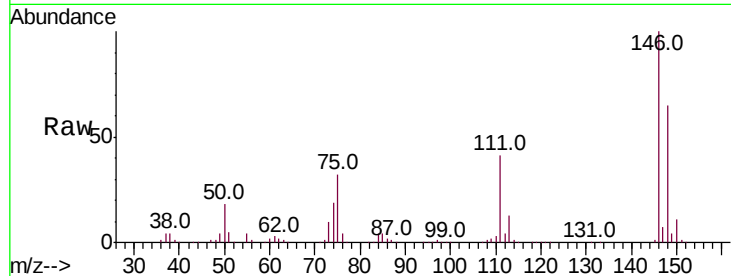
ClientSampleId :

PB129165BS

Tot Ion:	146	Resp:	740925
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
111	41.5	34.2	51.4

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#14

1,2-Dichlorobenzene

Concen: 41.460 ng

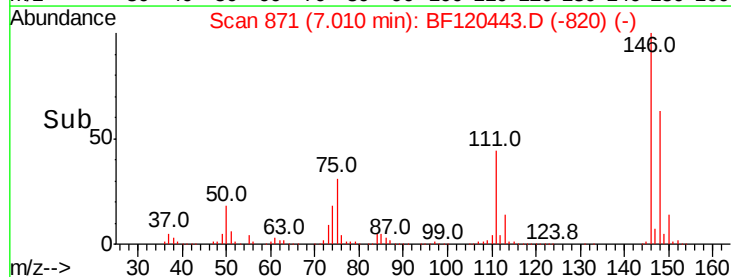
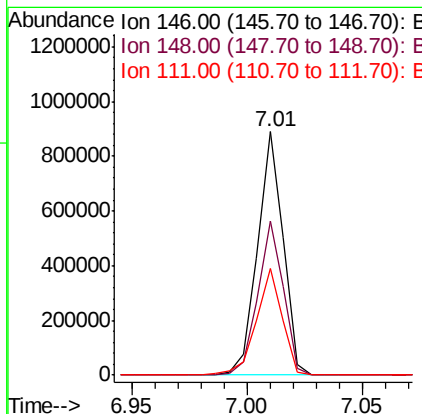
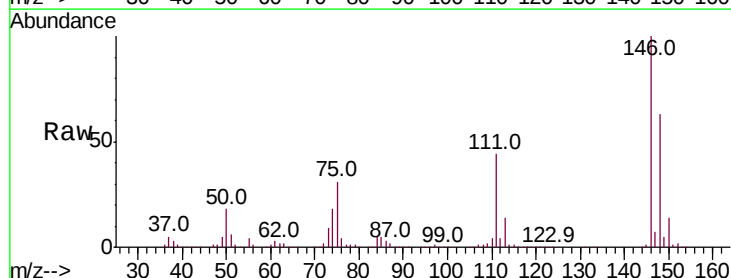
RT: 7.01 min Scan# 871

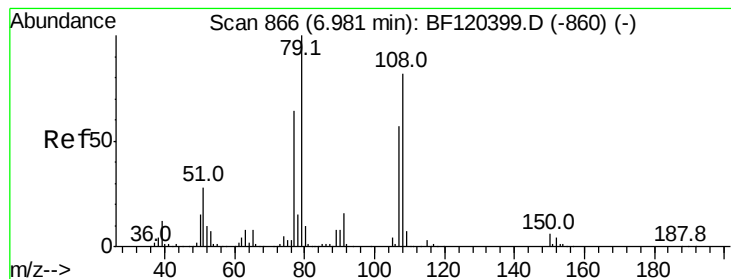
Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion:	146	Resp:	685877
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	44.0	33.9	50.9





#15

Benzyl Alcohol

Concen: 42.805 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

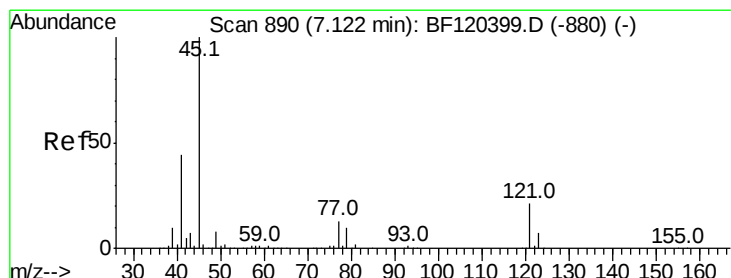
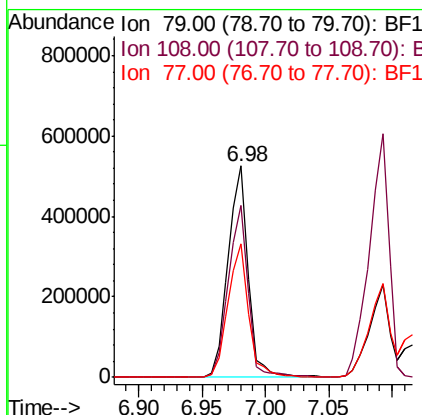
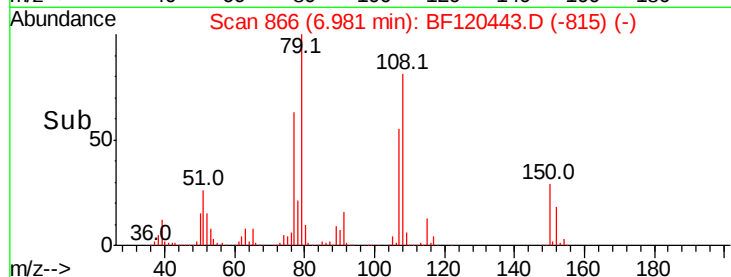
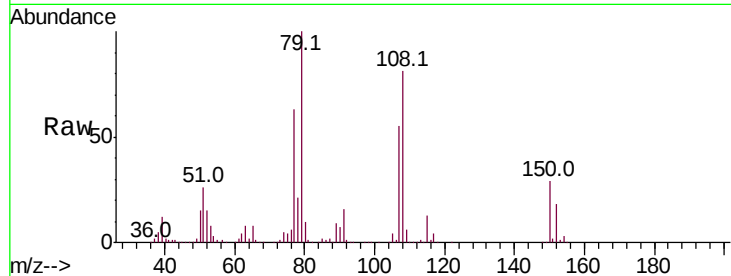
ClientSampleId :

PB129165BS

Tot Ion:	79	Resp:	576343
Ion Ratio	Lower	Upper	
79	100		
108	81.0	65.8	98.8
77	62.9	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.794 ng

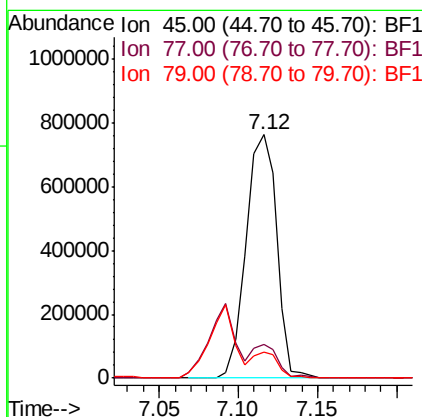
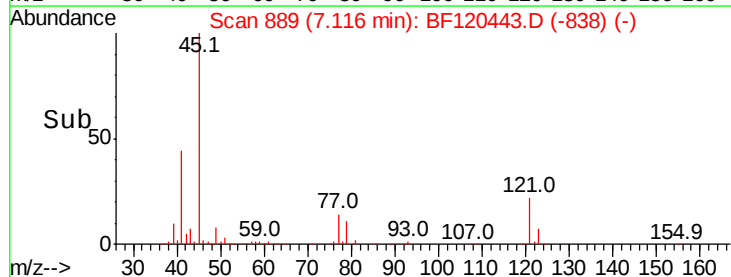
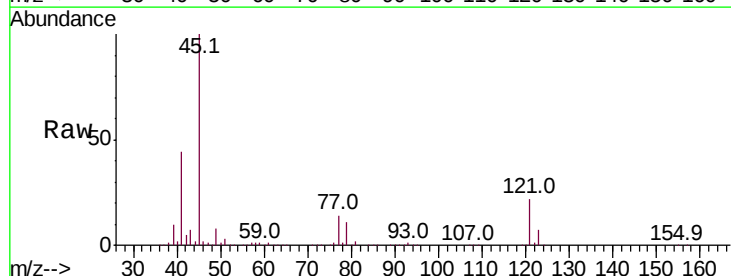
RT: 7.12 min Scan# 889

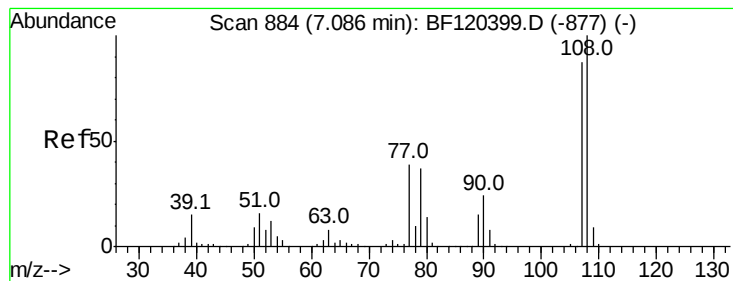
Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion:	45	Resp:	1023993
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.5
79	10.7	0.0	30.3





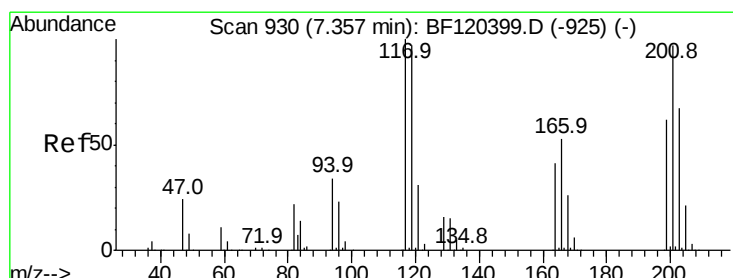
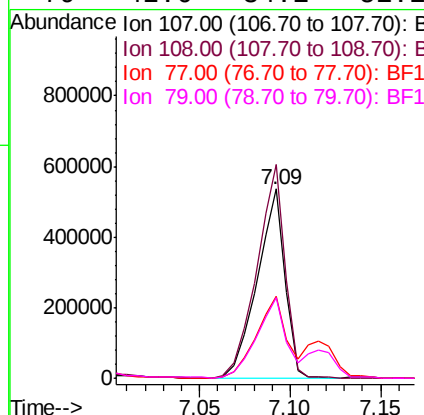
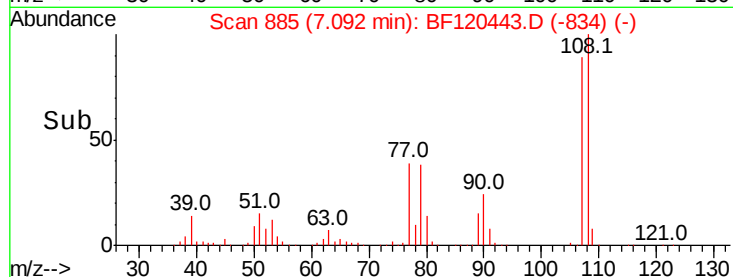
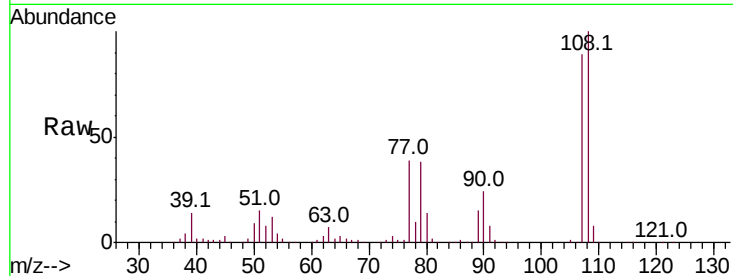
#17
2-Methylphenol
Concen: 38.861 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.3	138.5	
77	43.5	35.7	53.5	
79	42.6	34.1	51.1	

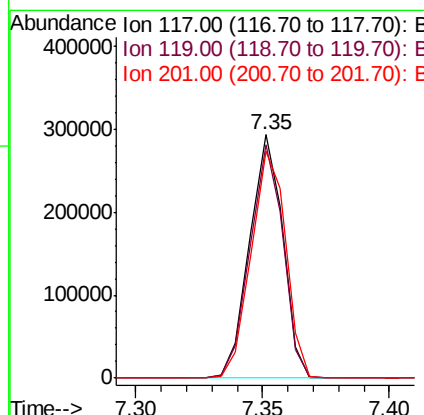
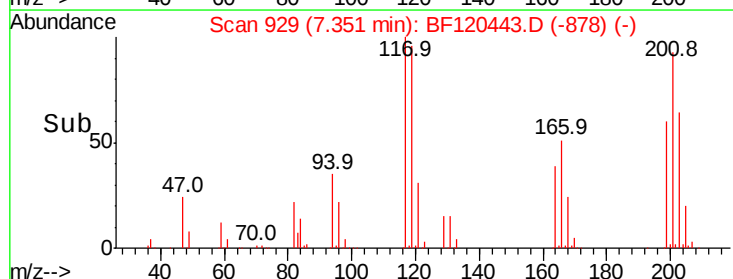
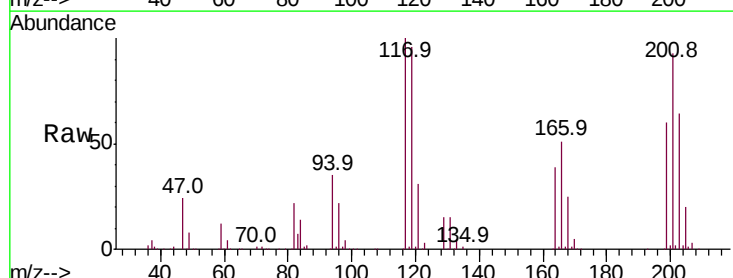
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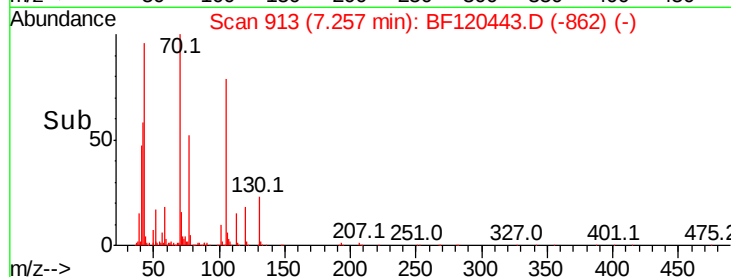
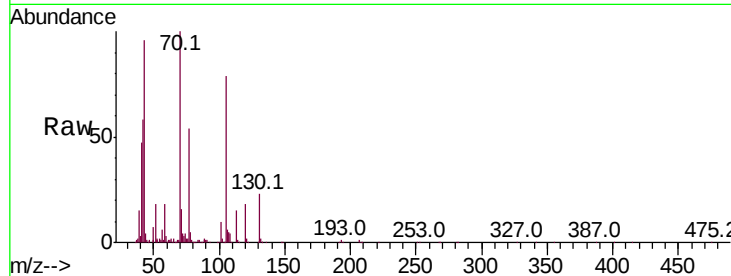
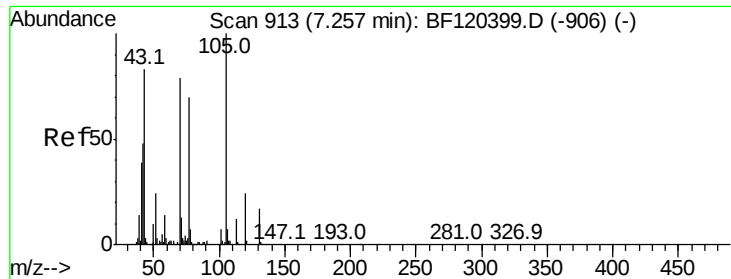
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#18
Hexachloroethane
Concen: 40.978 ng
RT: 7.35 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

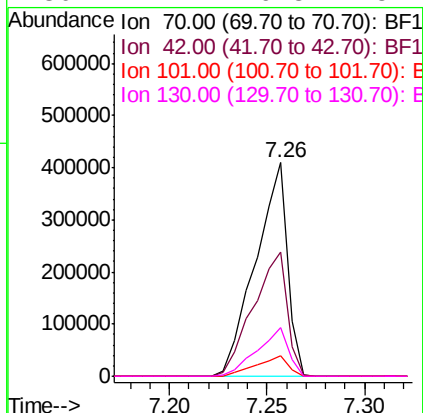
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.4	116.2	
201	93.2	77.7	116.5	





#19
n-Nitroso-di-n-propylamine
Concen: 41.041 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

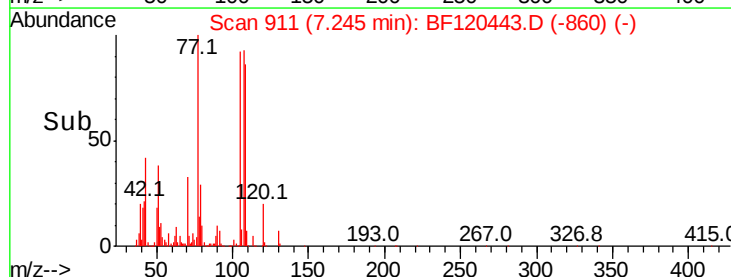
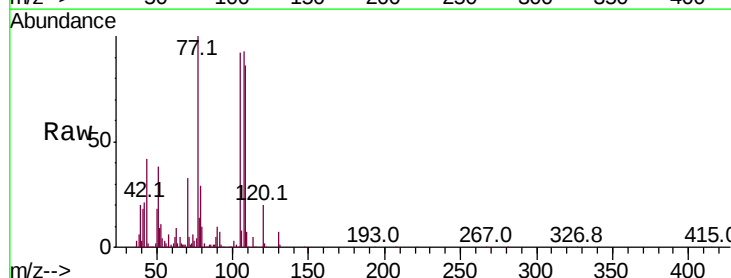
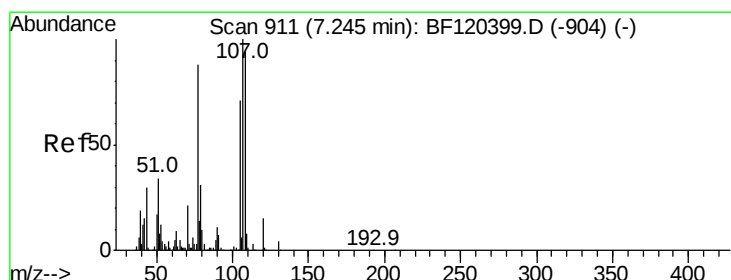
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	48.9	73.3
101	9.6	7.4	11.2
130	22.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB129165BS

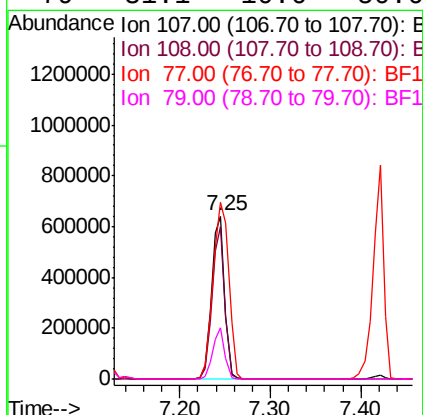
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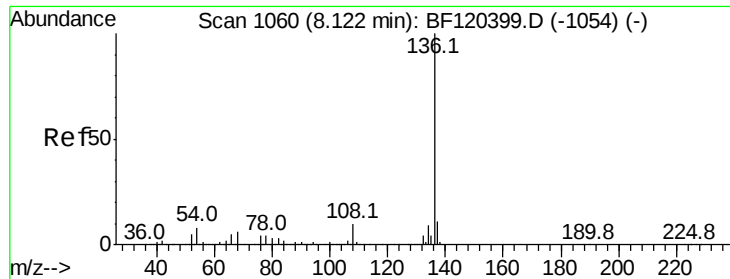
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#20
3+4-Methylphenols
Concen: 34.860 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	74.4	114.4
77	108.0	67.6	107.6#
79	31.1	10.6	50.6





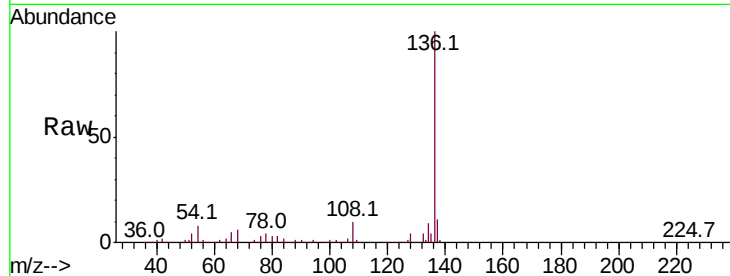
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	136	Resp	1038564
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.7	6.7	10.1
68	6.0	5.0	7.4

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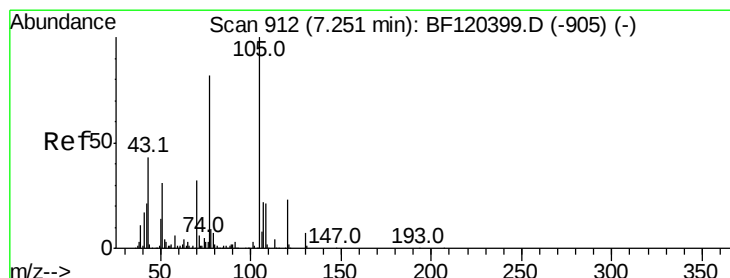
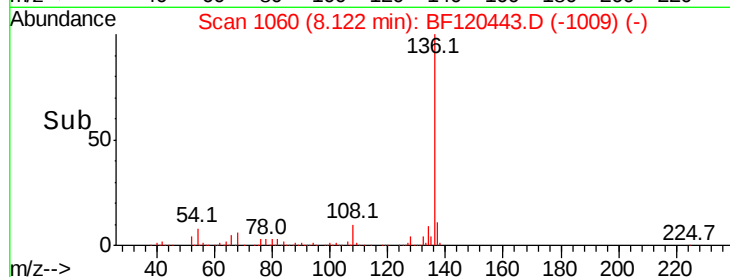
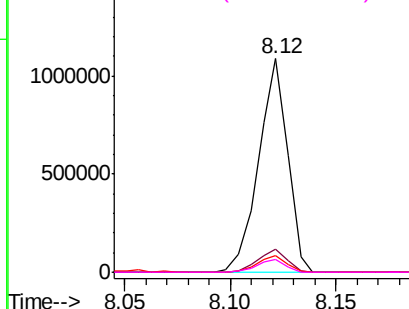
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.080 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	105	Resp	866493
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	30.0	24.5	36.7
120	22.7	18.2	27.2

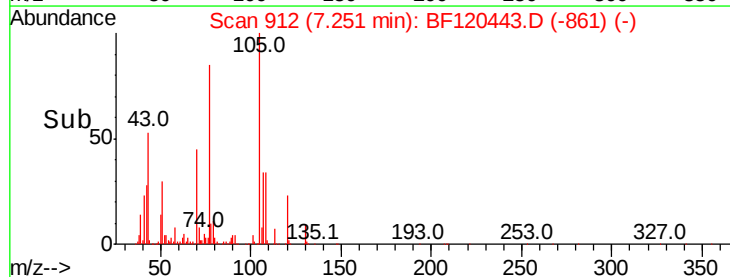
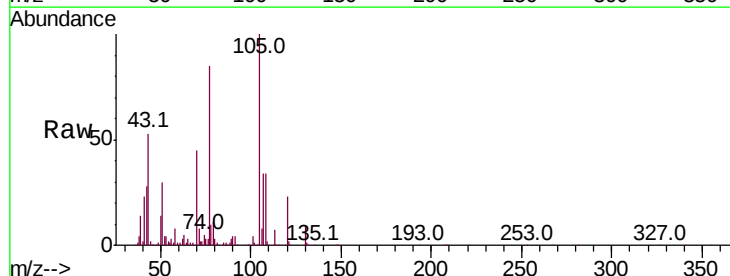
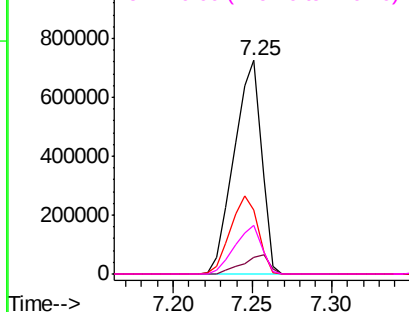
Abundance

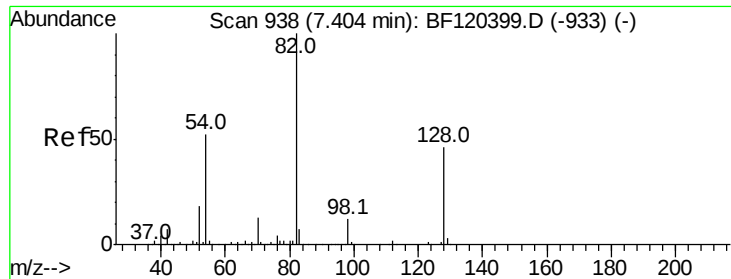
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





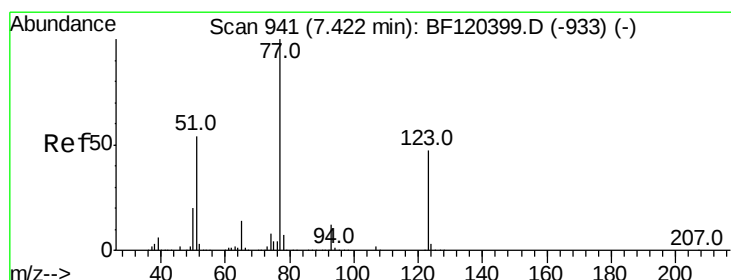
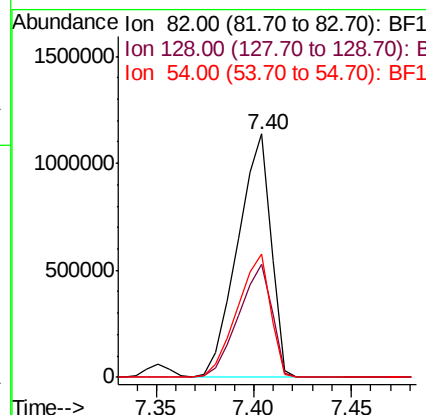
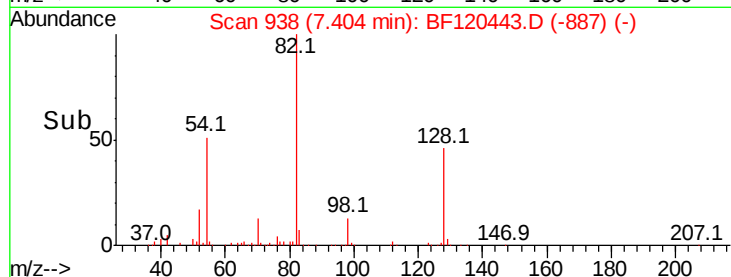
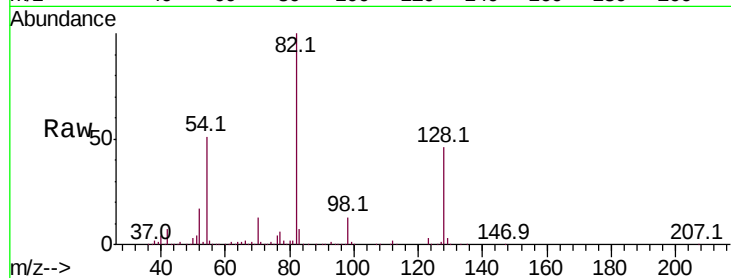
#23
Nitrobenzene-d5
Concen: 84.684 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion: 82 Resp: 1344526
Ion Ratio Lower Upper
82 100
128 46.2 36.8 55.2
54 50.9 41.6 62.4

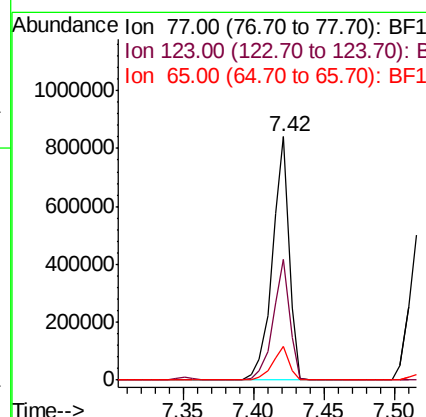
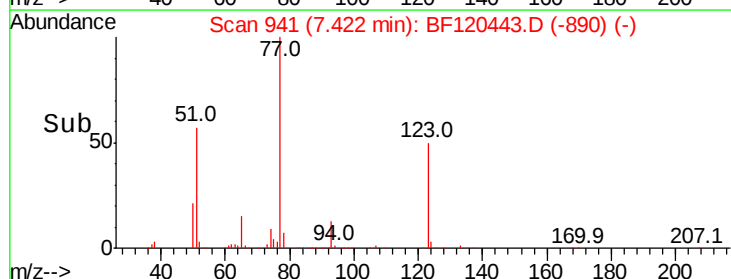
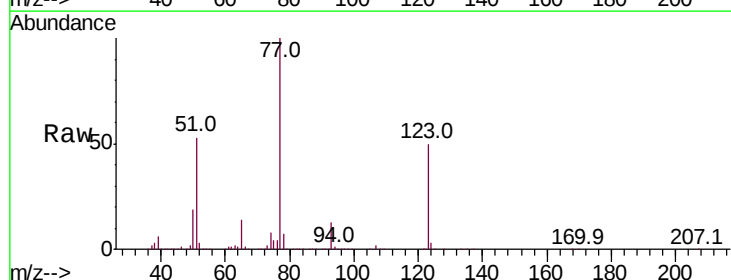
Manual Integrations
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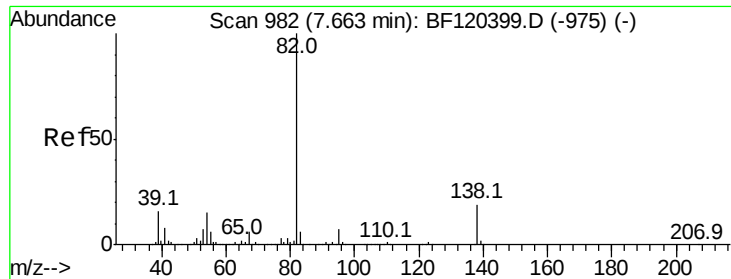
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#24
Nitrobenzene
Concen: 41.155 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion: 77 Resp: 703867
Ion Ratio Lower Upper
77 100
123 49.7 37.8 56.6
65 13.7 11.3 16.9





#25

Isophorone

Concen: 41.053 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion: 82 Resp: 1310040

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

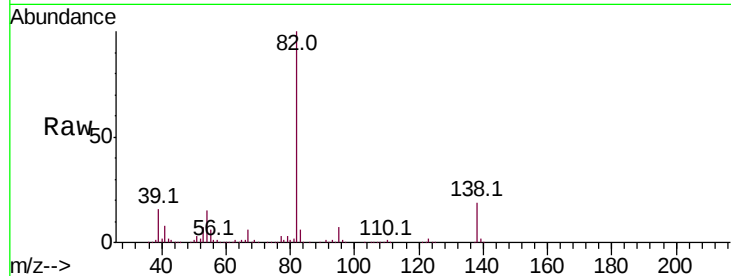
138 19.1 15.0 22.4

Manual Integrations

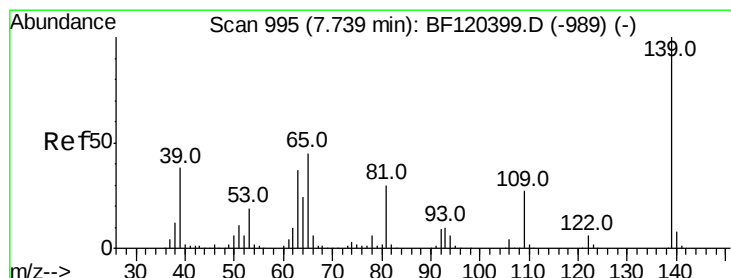
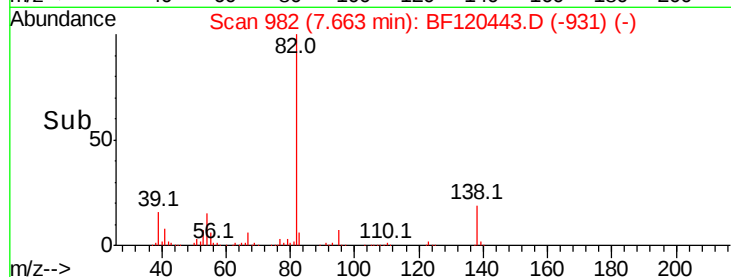
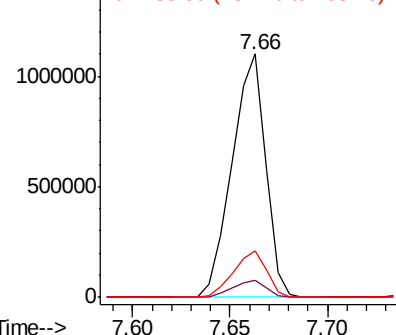
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 46.278 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

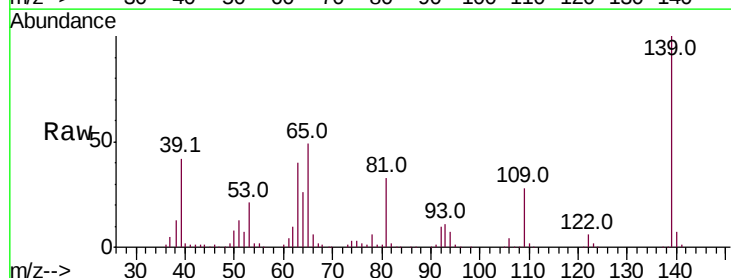
Tgt Ion:139 Resp: 356858

Ion Ratio Lower Upper

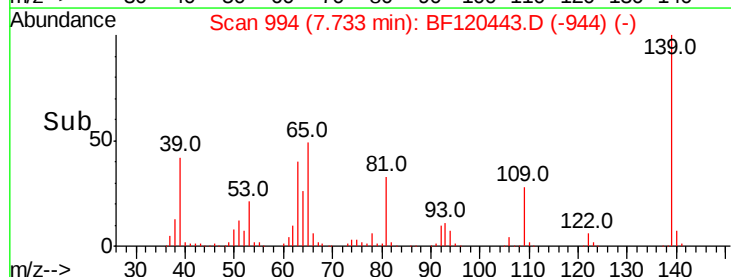
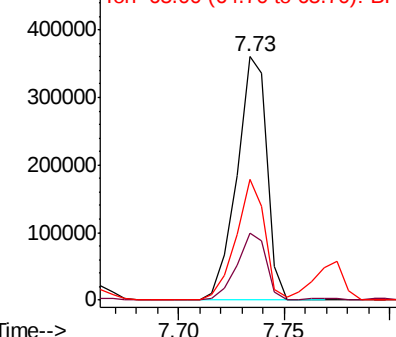
139 100

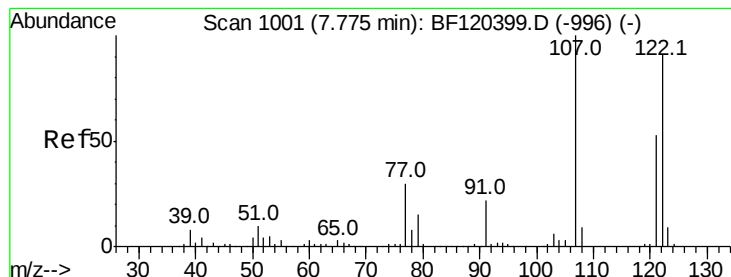
109 27.6 21.2 31.8

65 49.5 35.8 53.6



Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





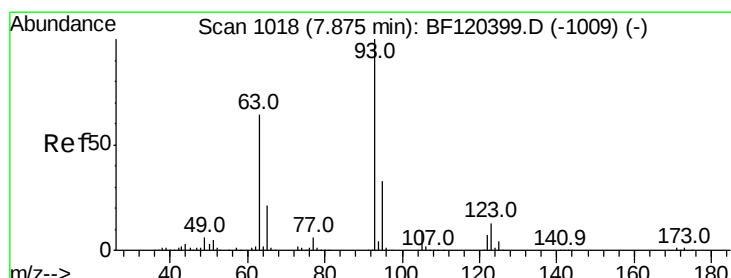
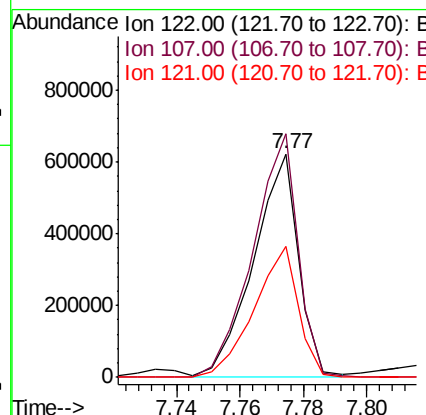
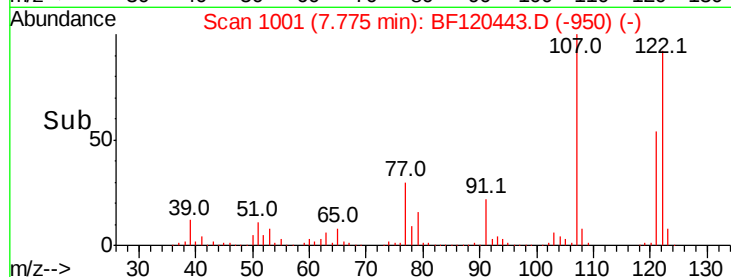
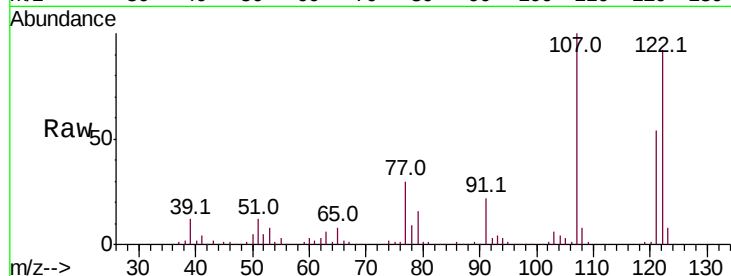
#27
 2,4-Dimethylphenol
 Concen: 45.807 ng
 RT: 7.77 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:	122	Resp:	613416
Ion Ratio	Lower	Upper	
122	100		
107	109.0	87.3	130.9
121	58.5	46.2	69.2

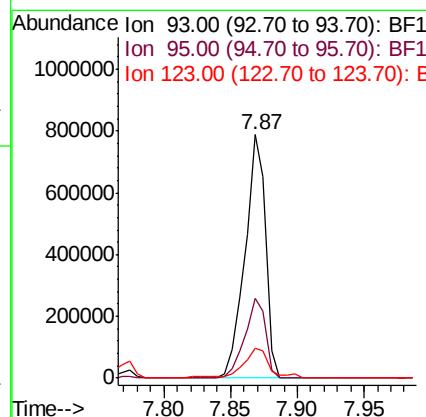
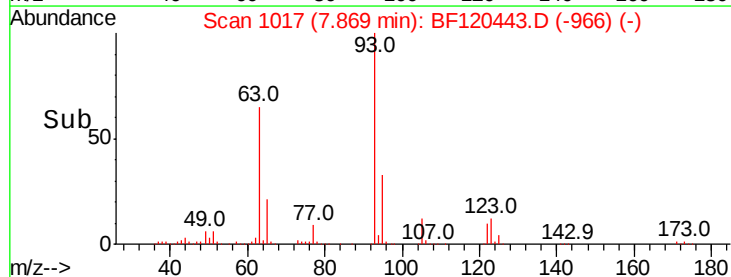
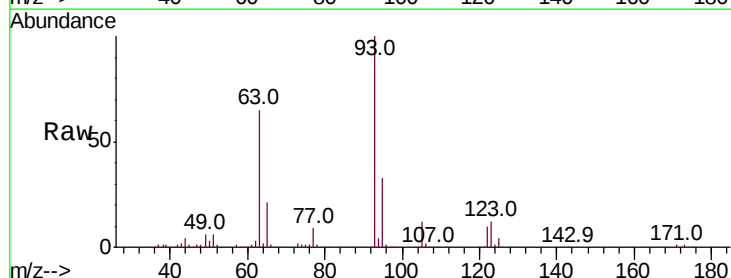
Manual Integrations
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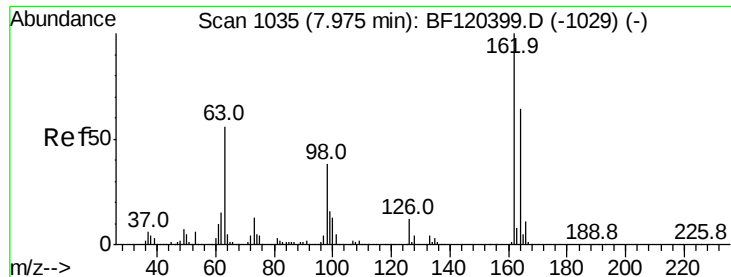
mohammad
 6/1/2020 12:21:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.530 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	93	Resp:	836515
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	39.8
123	12.1	10.3	15.5





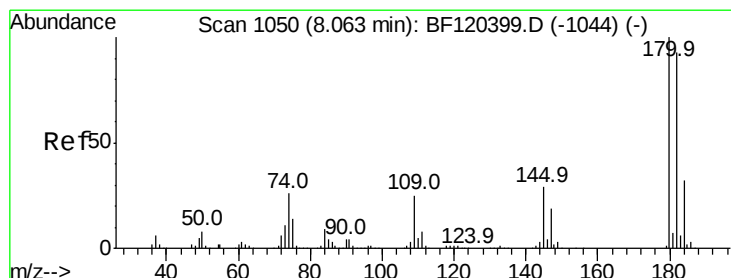
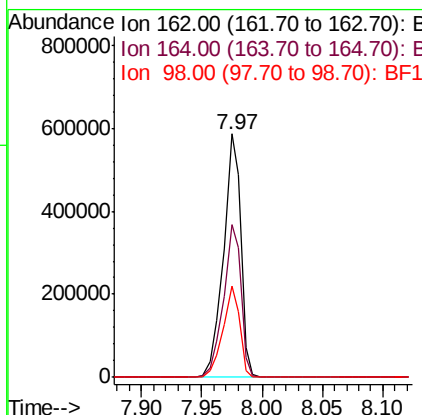
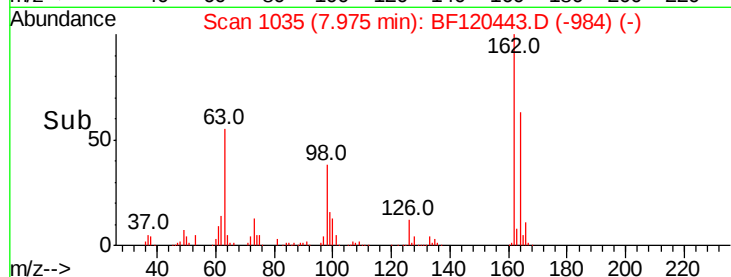
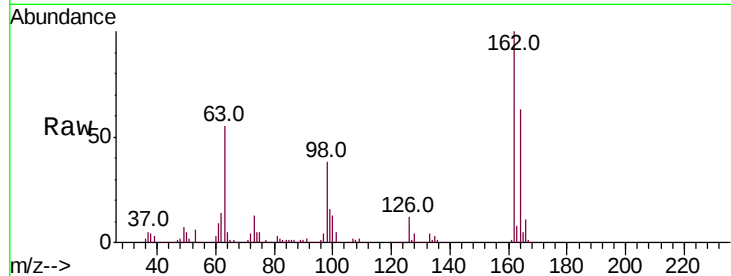
#29
2,4-Dichlorophenol
Concen: 43.147 ng
RT: 7.97 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	43.9	83.9
98	37.5	17.8	57.8

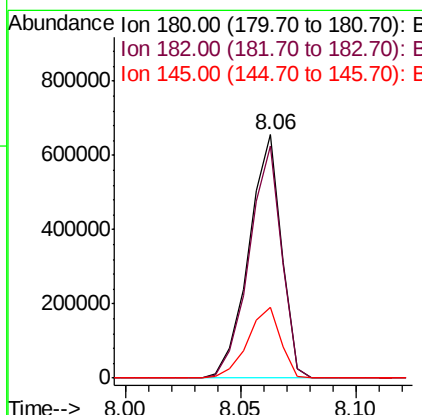
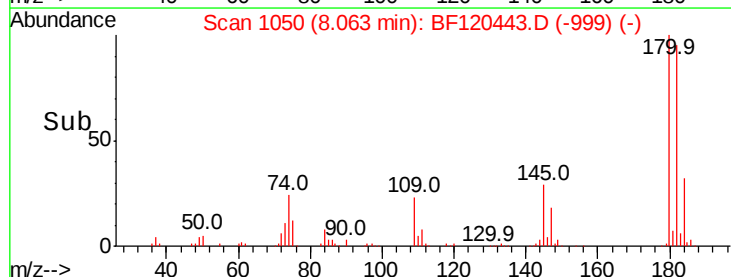
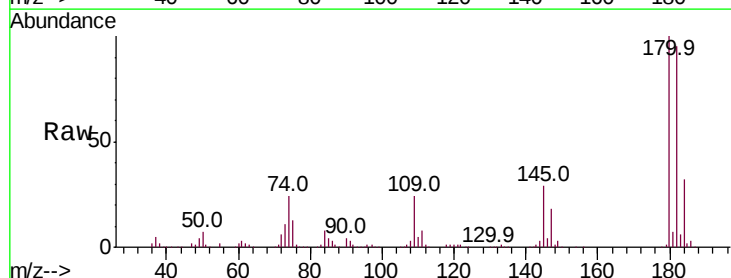
Manual Integrations
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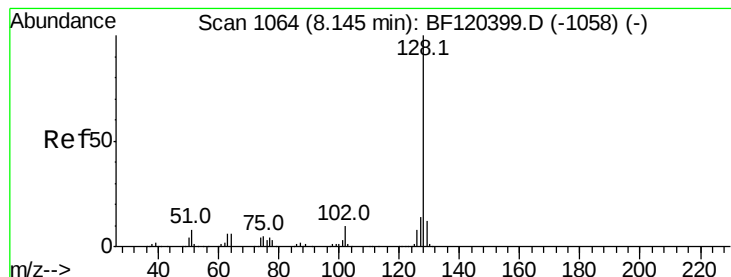
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.607 ng
RT: 8.06 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	74.6	111.8
145	29.2	23.4	35.2





#31

Naphthalene

Concen: 42.264 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampled :

PB129165BS

Tot Ion:128 Resp: 1927749

Ion Ratio Lower Upper

128 100

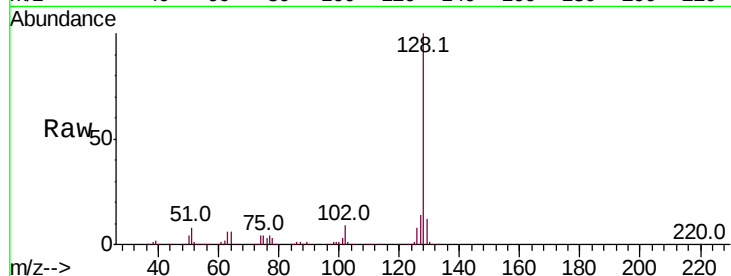
129 11.6 9.7 14.5

127 13.8 11.0 16.6

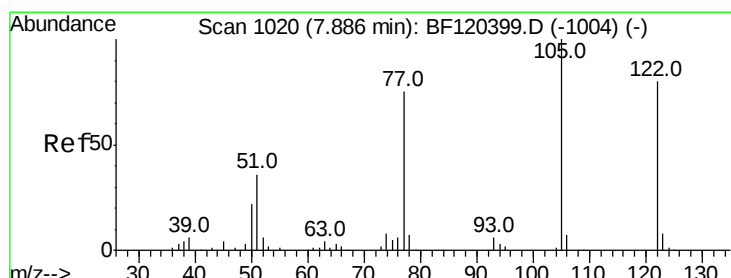
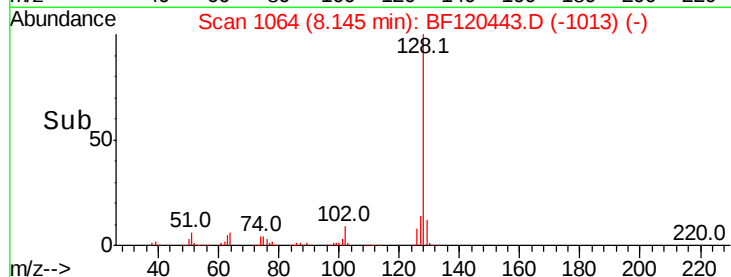
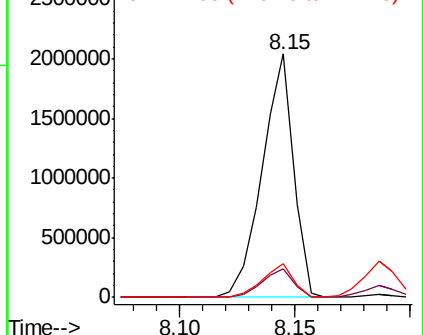
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.347 ng

RT: 7.90 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

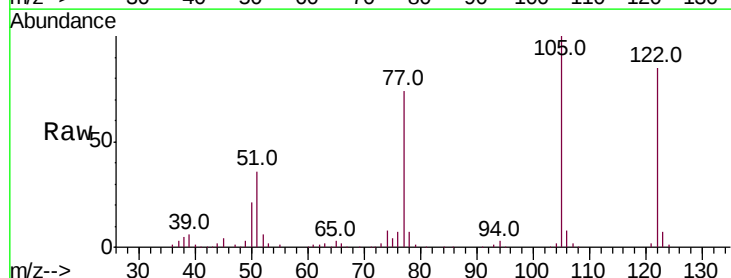
Tgt Ion:122 Resp: 440699

Ion Ratio Lower Upper

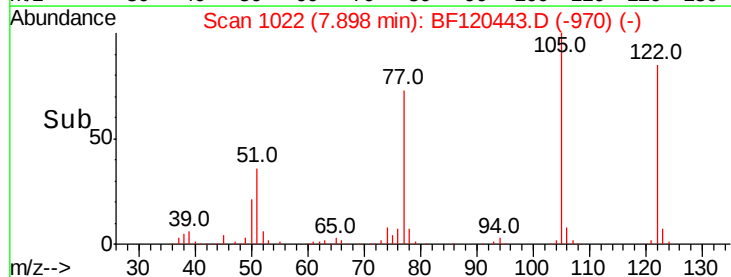
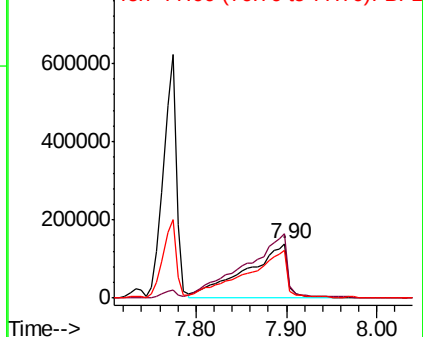
122 100

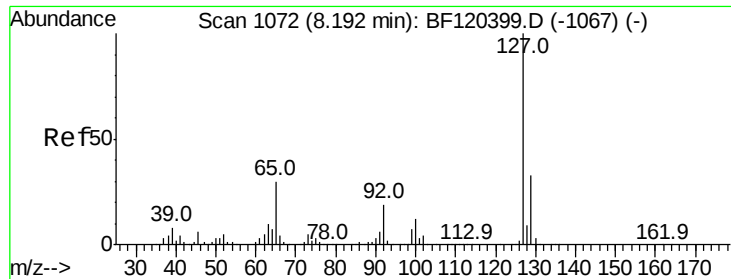
105 118.3 101.1 141.1

77 87.3 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





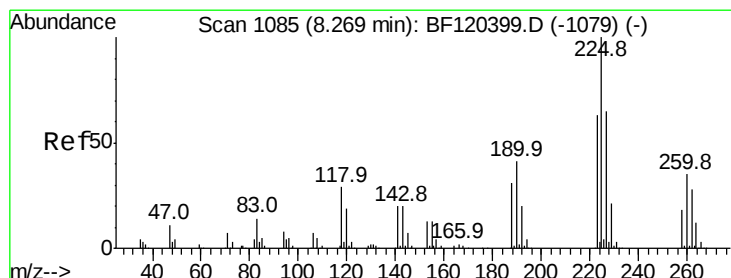
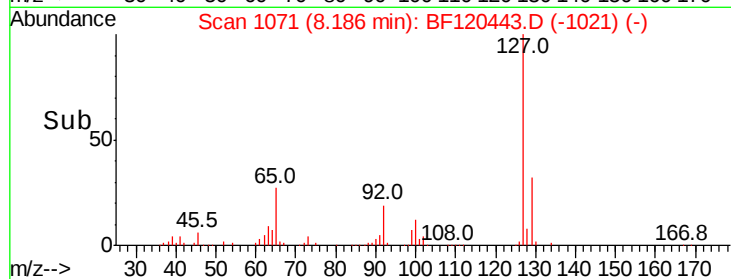
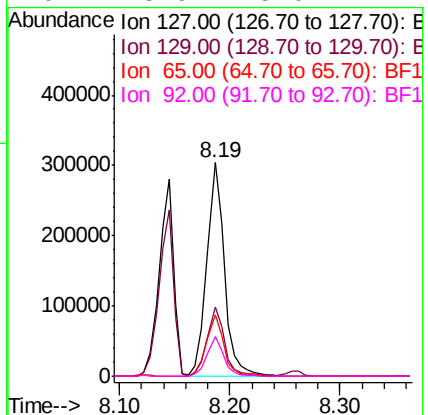
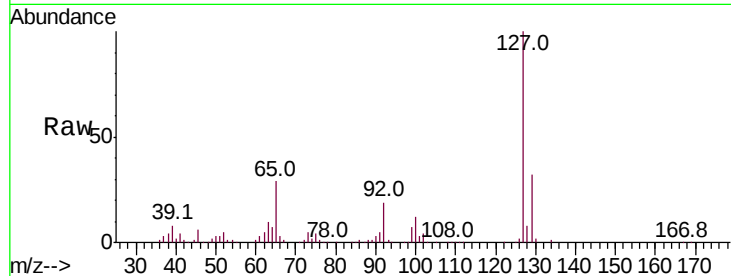
#33
 4-Chloroaniline
 Concen: 16.161 ng
 RT: 8.19 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.8	40.2	
65	28.5	23.7	35.5	
92	18.9	15.0	22.4	

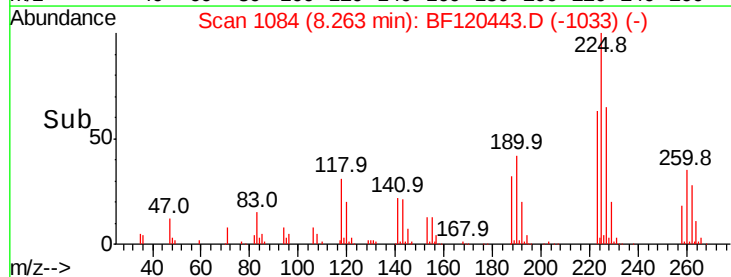
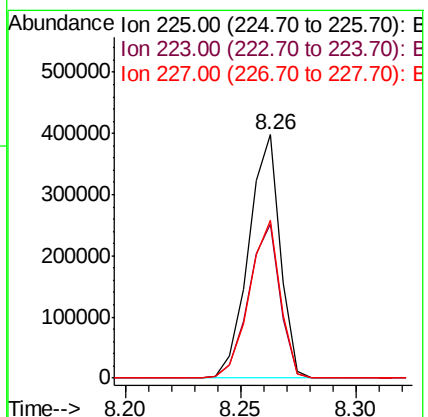
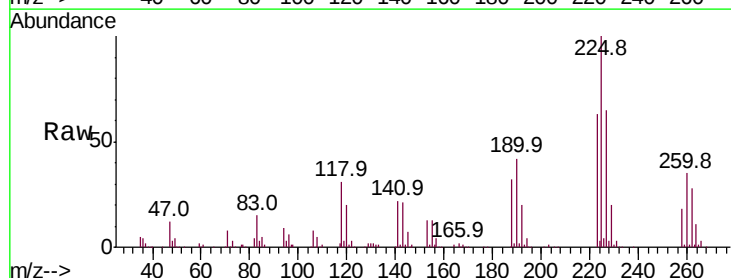
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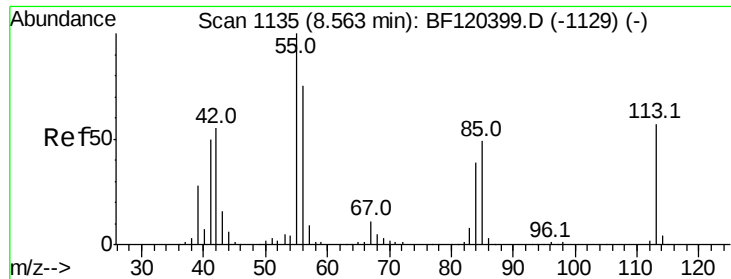
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#34
 Hexachlorobutadiene
 Concen: 42.020 ng
 RT: 8.26 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.2	75.2	
227	65.0	52.1	78.1	





#35

Caprolactam

Concen: 41.239 ng/mL

RT: 8.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

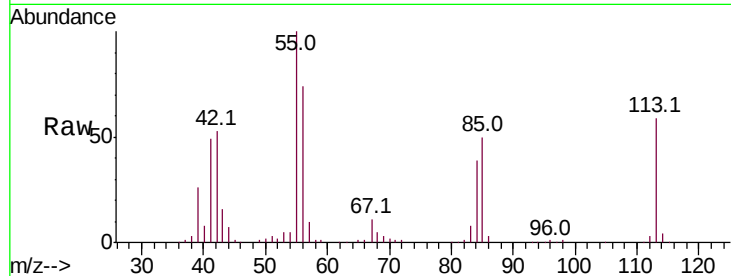
ClientSampleID :

PB129165BS

Tot Ion:	113	Resp:	180646
Ion Ratio	Lower	Upper	
113	100		
55	168.5	154.9	194.9
56	125.3	110.9	150.9

Manual Integrations
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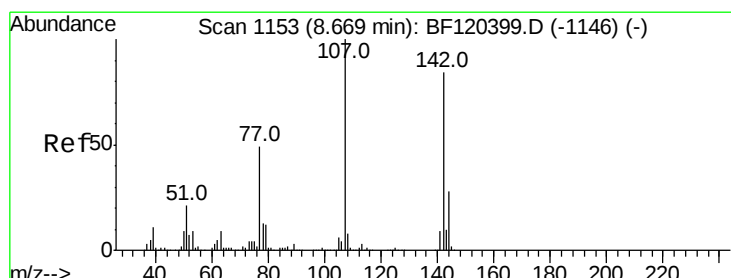
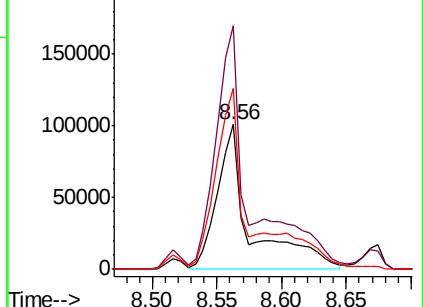
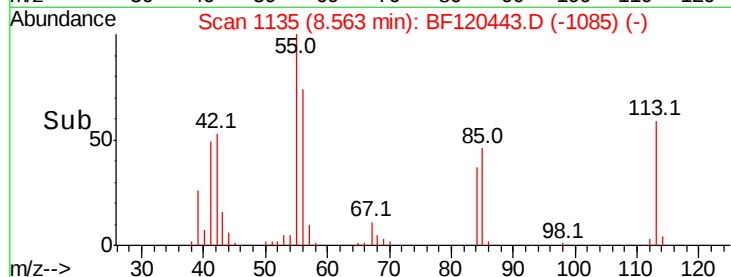
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.681 ng/mL

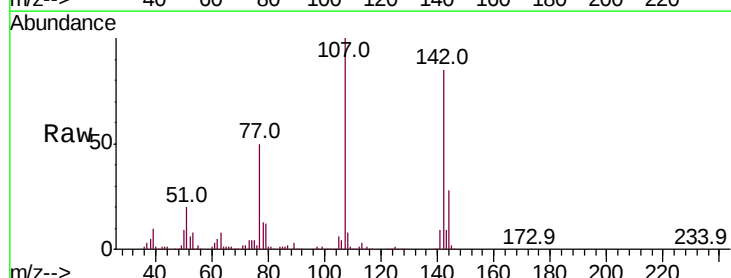
RT: 8.67 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

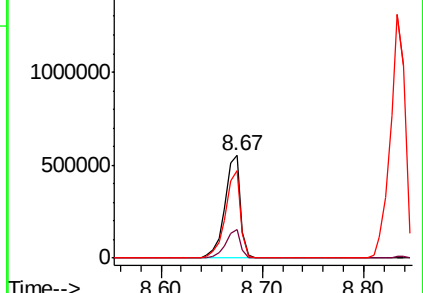
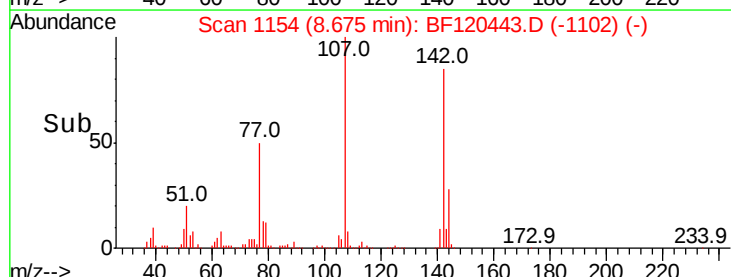
Tgt Ion:	107	Resp:	585711
Ion Ratio	Lower	Upper	
107	100		
144	27.8	22.0	33.0
142	84.6	67.0	100.4

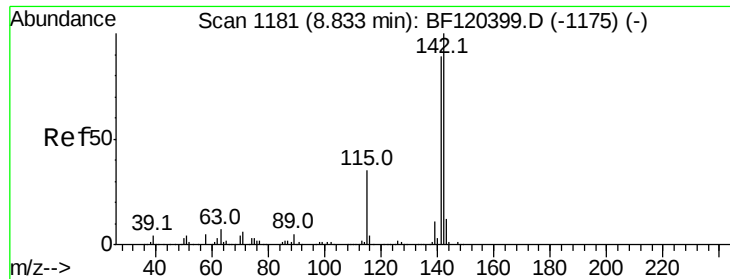


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





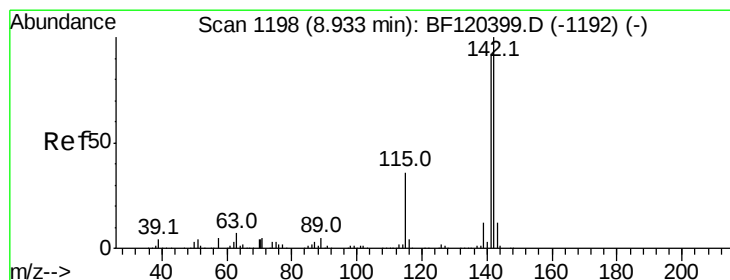
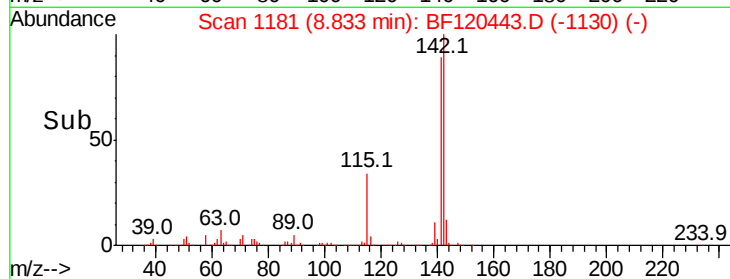
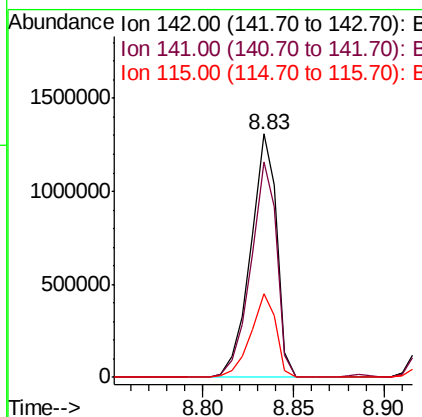
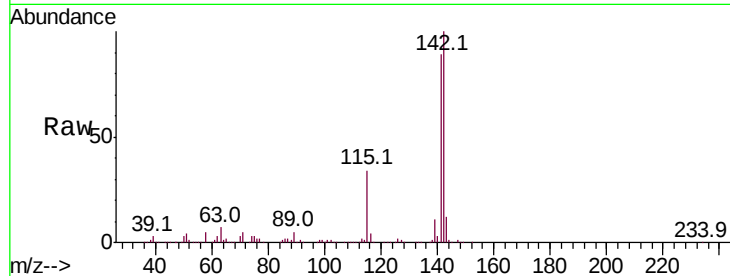
#37
2-Methylnaphthalene
Concen: 43.263 ng
RT: 8.83 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.0
115	34.4	27.8	41.8

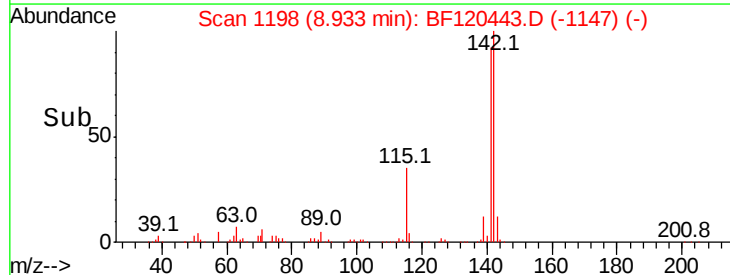
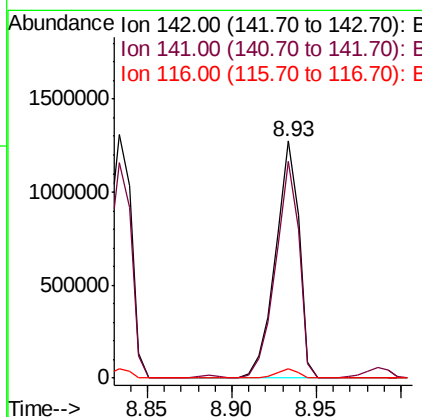
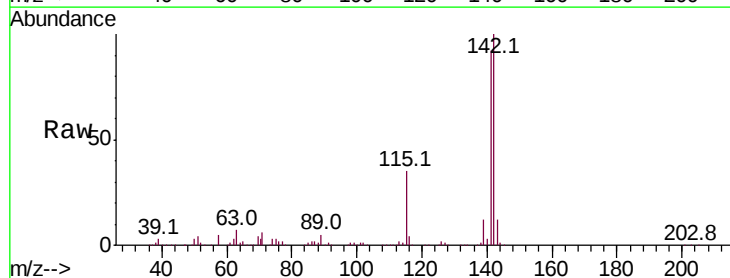
Manual Integrations
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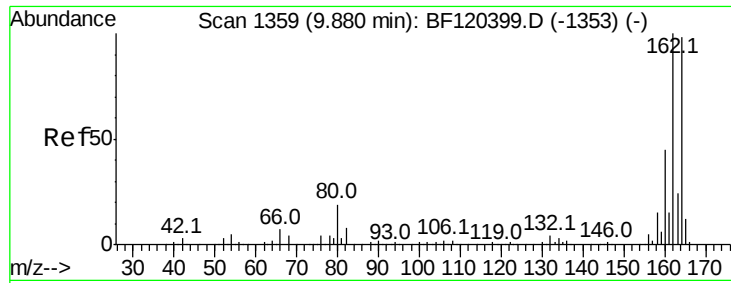
mohammad
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#38
1-Methylnaphthalene
Concen: 43.195 ng
RT: 8.93 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.7	3.1	4.7





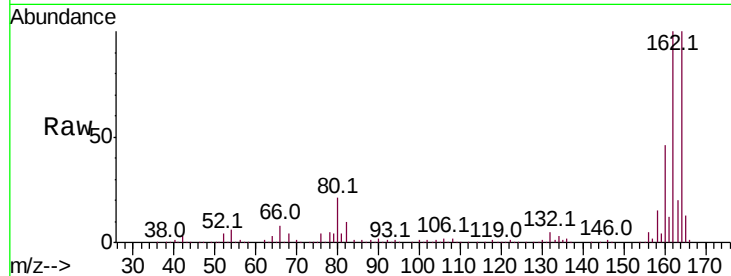
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	81.3	121.9	
160	46.0	36.9	55.3	

Manual Integrations
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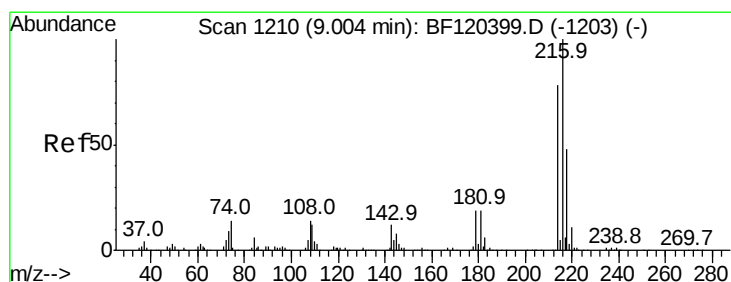
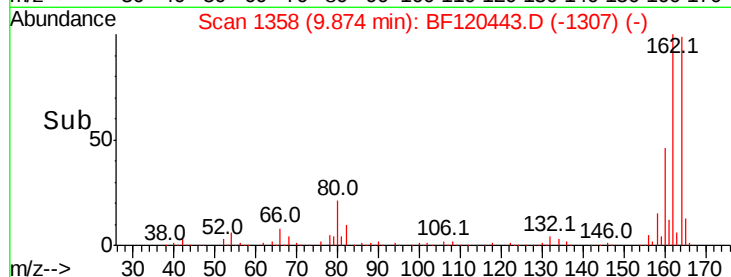
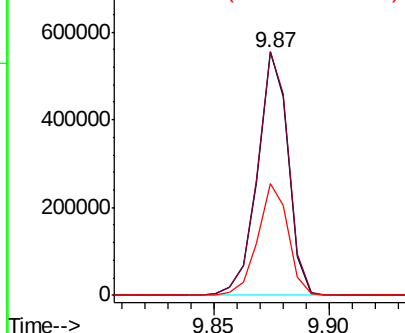


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.936 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.6	95.4	
179	20.5	16.5	24.7	
108	19.0	15.0	22.4	

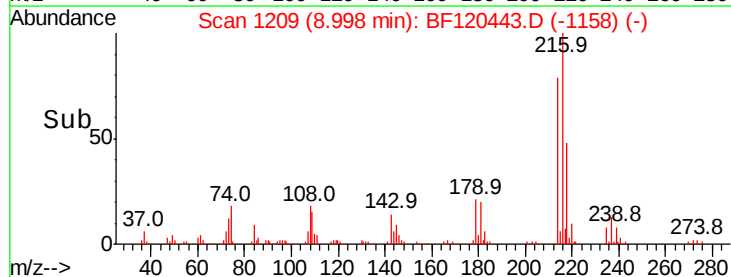
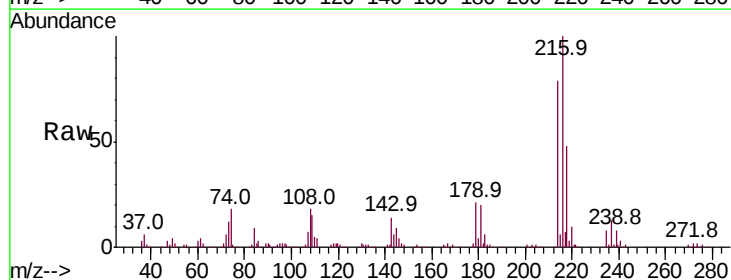
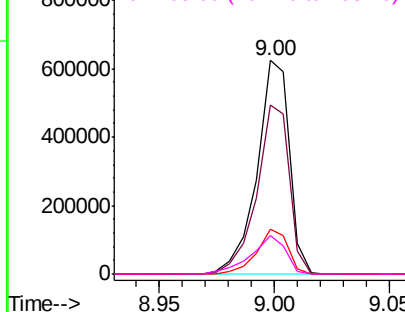
Abundance

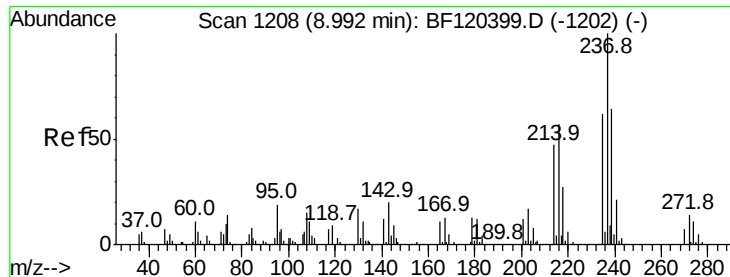
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.891 ng

RT: 8.99 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

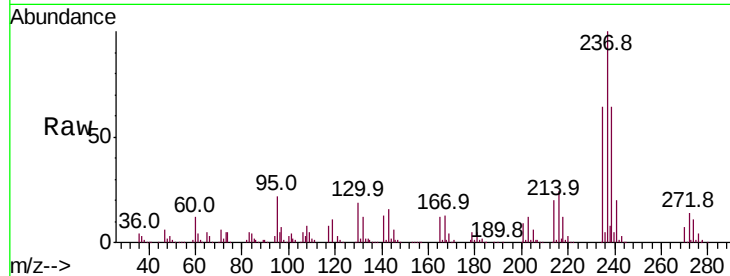
ClientSampleId :

PB129165BS

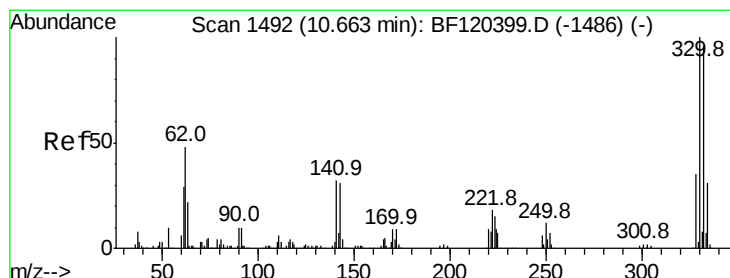
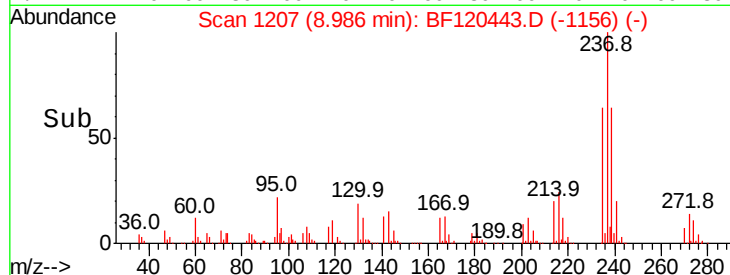
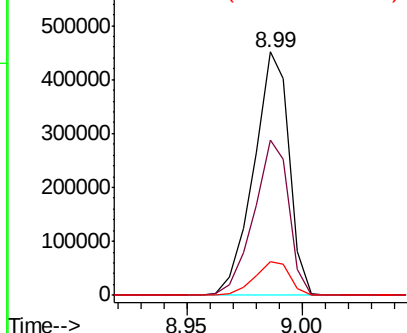
Tot Ion:	237	Resp:	480197
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.4	82.4
272	13.6	0.0	33.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.602 ng

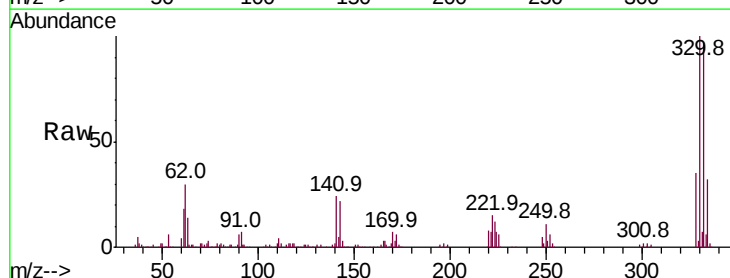
RT: 10.67 min Scan# 1493

Delta R.T. 0.01 min

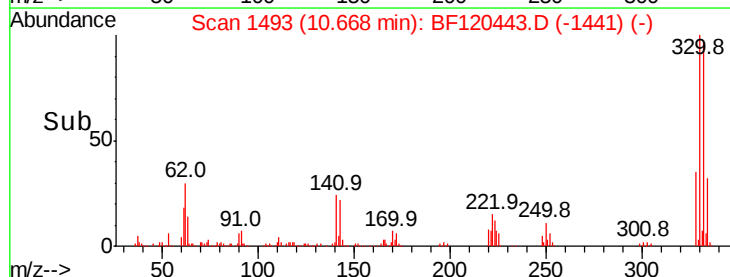
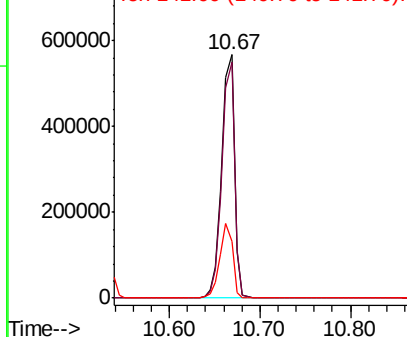
Lab File: BF120443.D

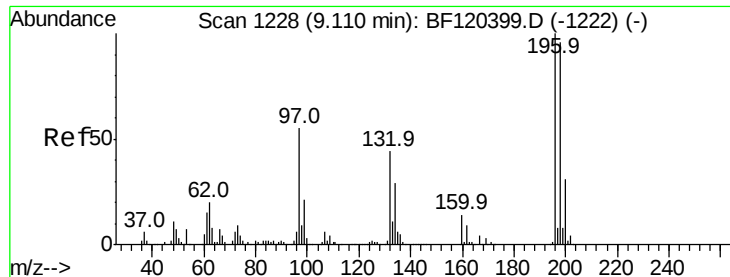
Acq: 29 May 2020 17:06

Tgt Ion:	330	Resp:	550117
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	30.5	25.3	37.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





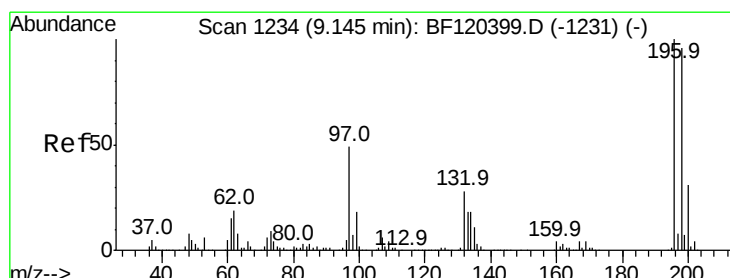
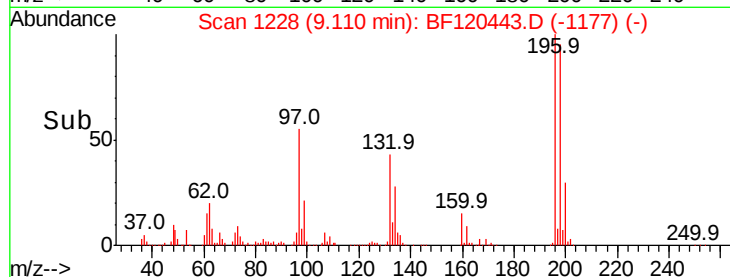
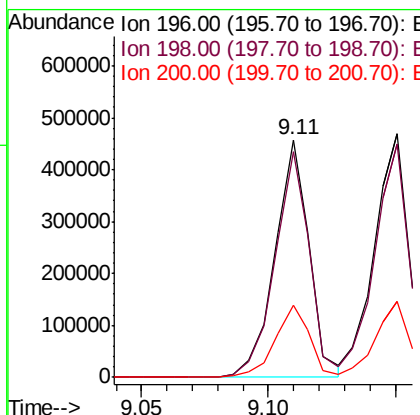
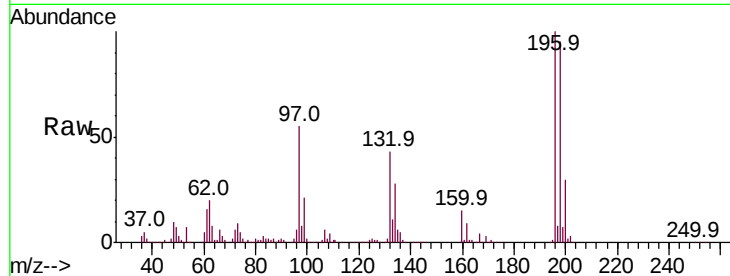
#43
 2,4,6-Trichlorophenol
 Concen: 45.756 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:	196	Resp:	432117
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.1	115.7
200	30.4	25.0	37.6

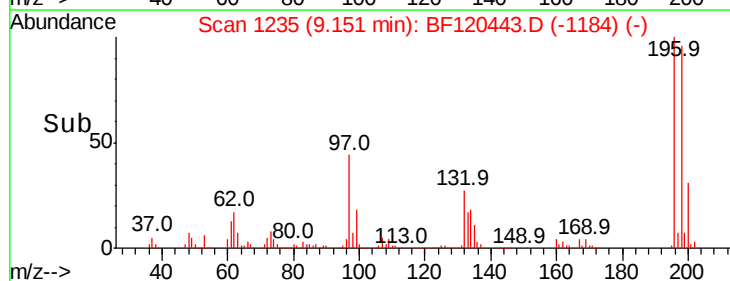
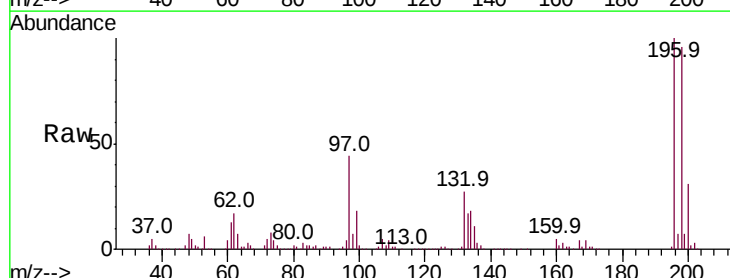
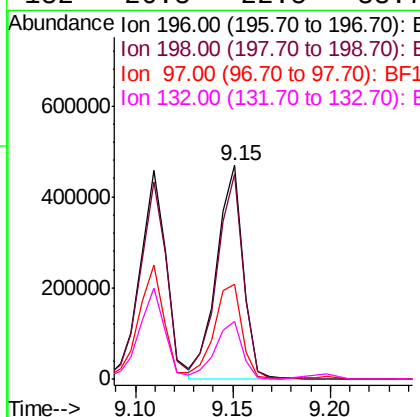
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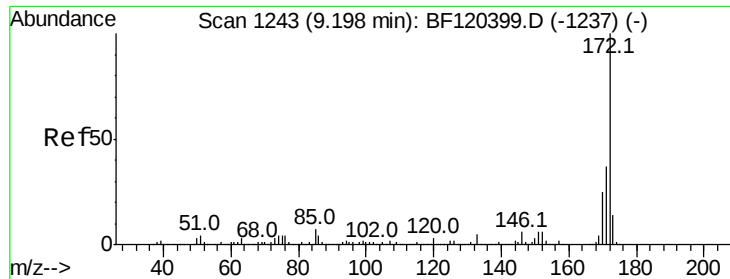
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#44
 2,4,5-Trichlorophenol
 Concen: 41.186 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	196	Resp:	440899
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.6	115.0
97	44.5	39.5	59.3
132	26.8	22.5	33.7





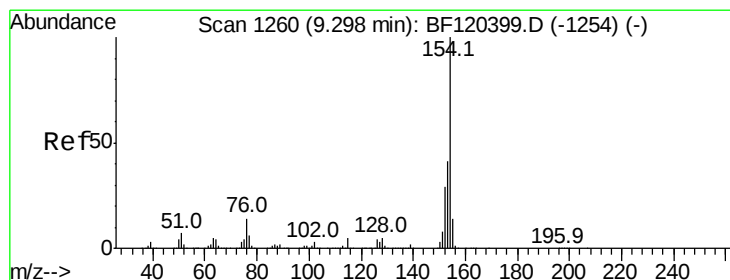
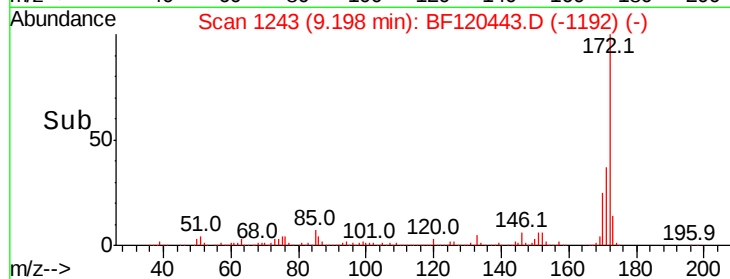
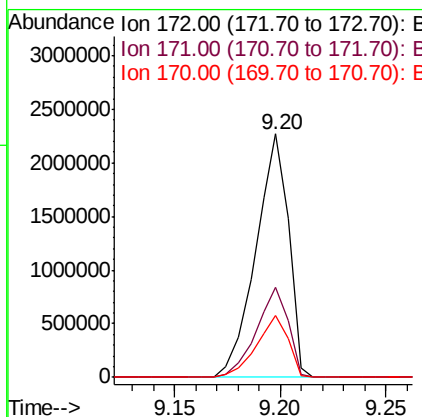
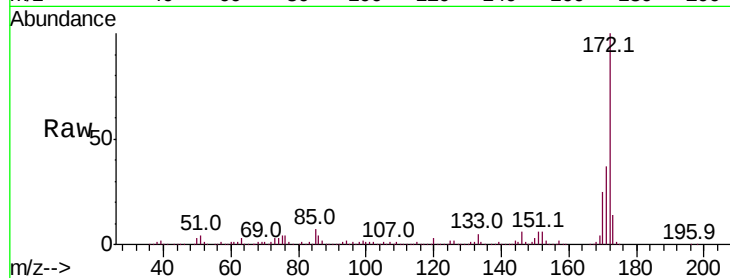
#45
 2-Fluorobiphenyl
 Concen: 81.398 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.2	19.9	29.9

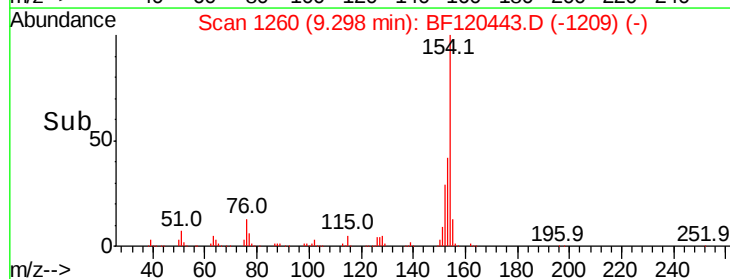
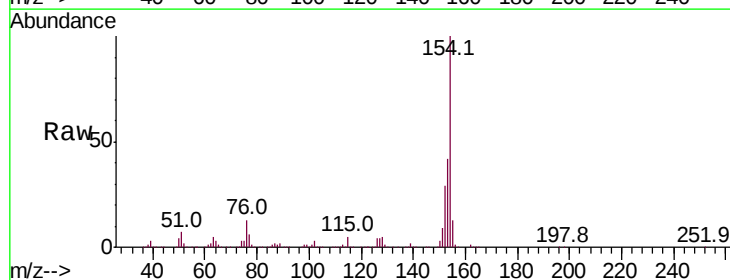
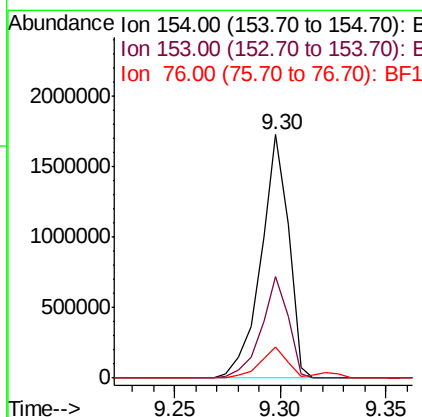
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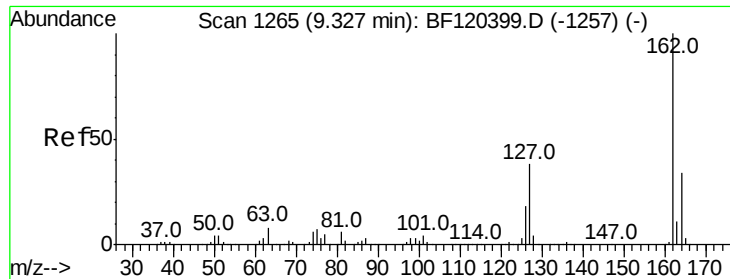
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#46
 1,1'-Biphenyl
 Concen: 46.836 ng
 RT: 9.30 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	13.0	0.0	33.7





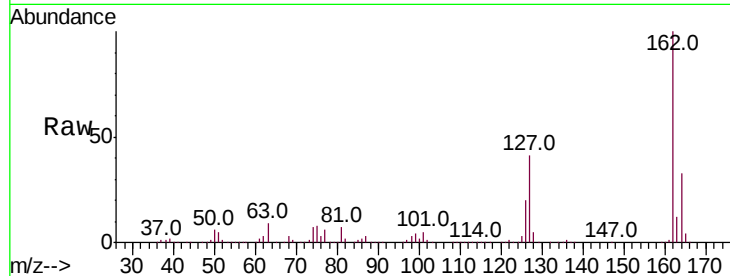
#47
 2-Chloronaphthalene
 Concen: 43.592 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.6	46.0
164	33.1	27.1	40.7

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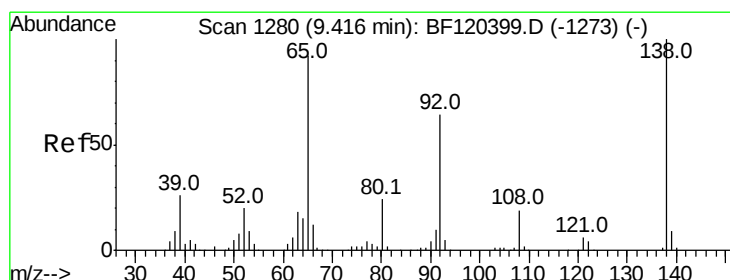
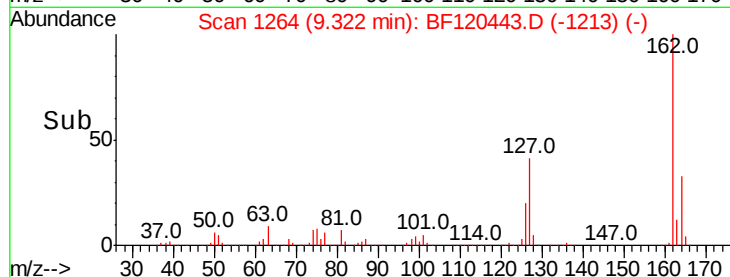
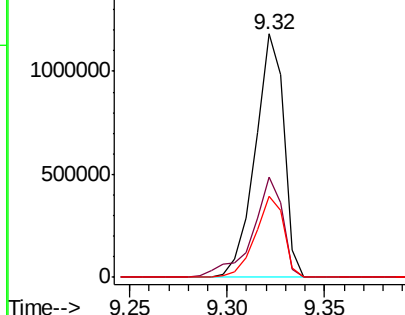


Abundance

Ion 162.00 (161.70 to 162.70): E

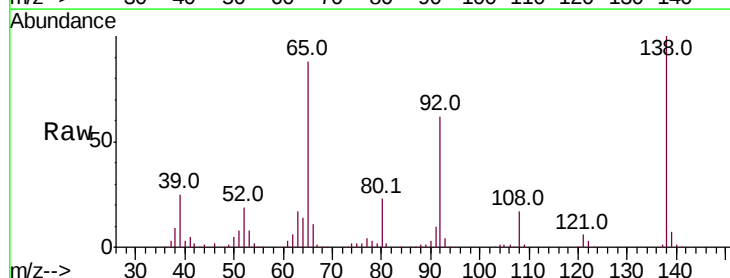
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.169 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.7	83.5
138	113.5	86.9	130.3

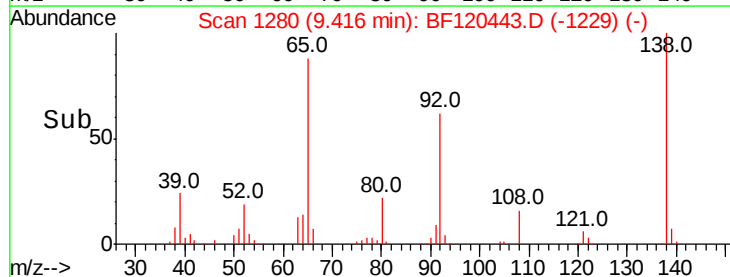
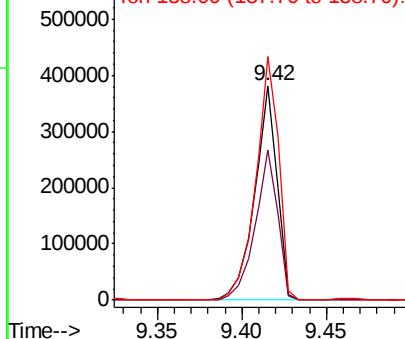


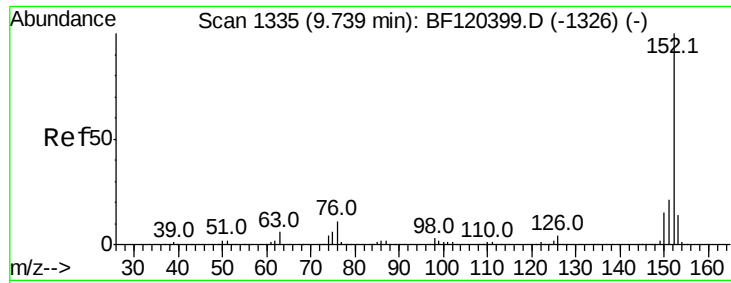
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.750 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:152 Resp: 1862194

Ion Ratio Lower Upper

152 100

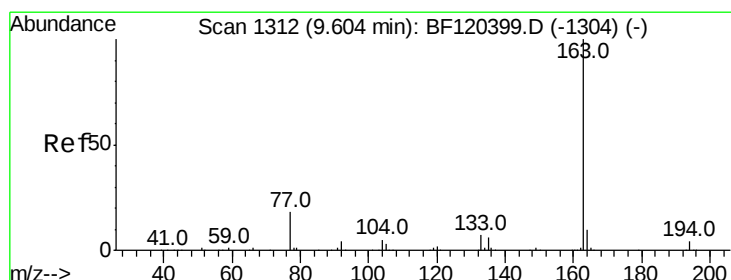
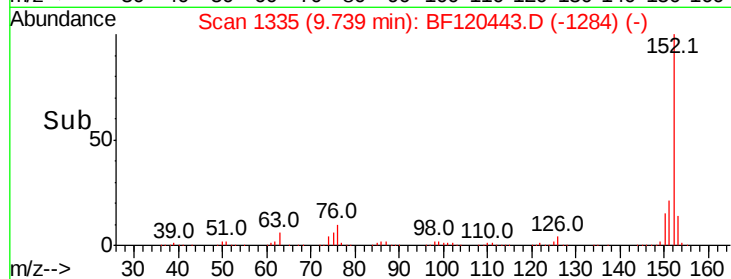
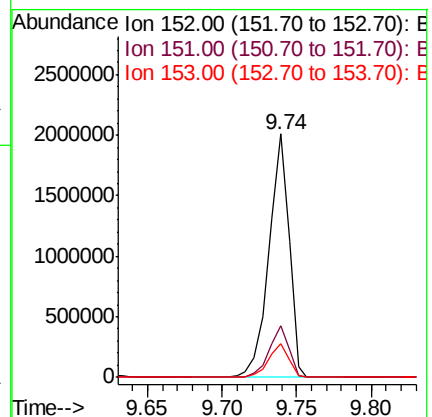
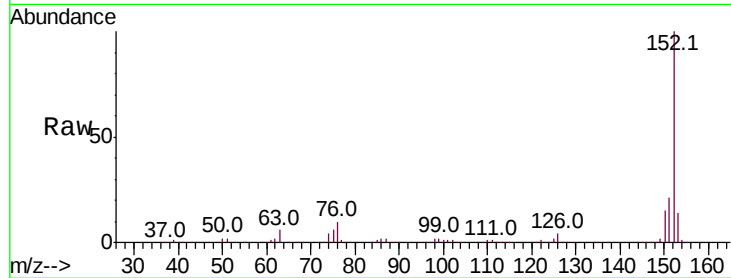
151 21.0 16.8 25.2

153 14.1 11.2 16.8

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#50

Dimethylphthalate

Concen: 44.204 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

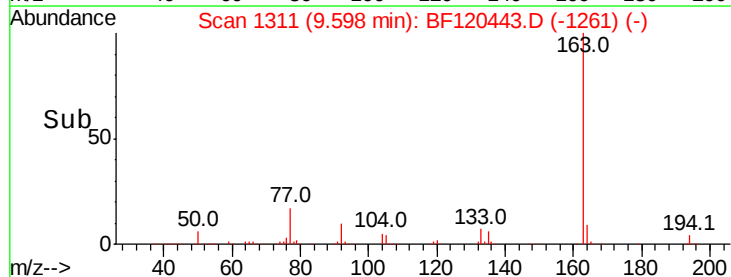
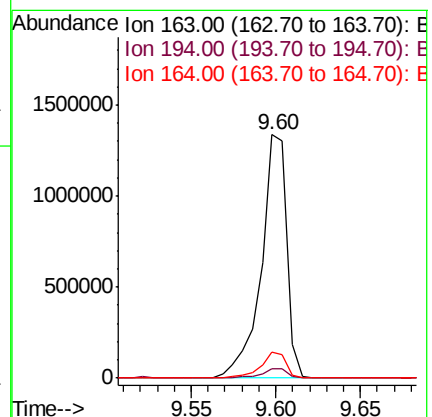
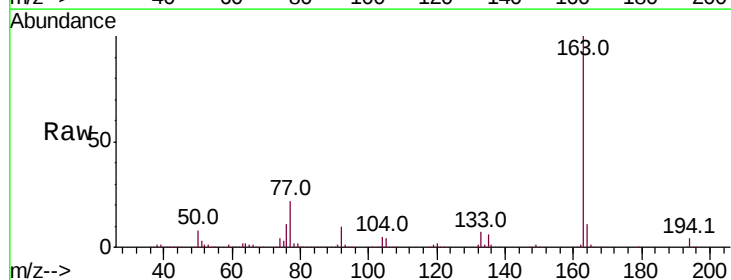
Tgt Ion:163 Resp: 1407171

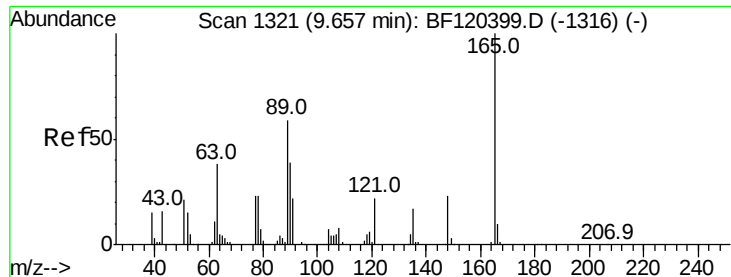
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.8 8.3 12.5





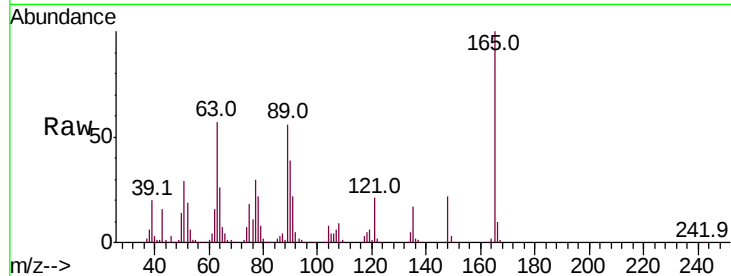
#51
 2,6-Dinitrotoluene
 Concen: 43.078 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

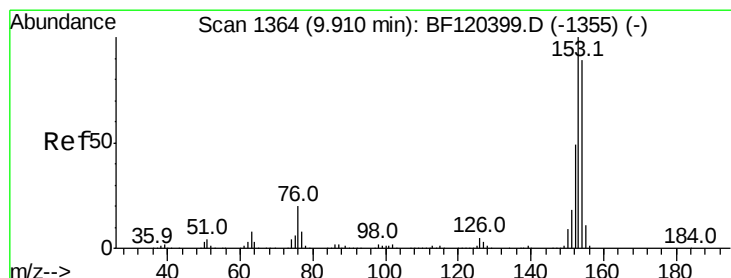
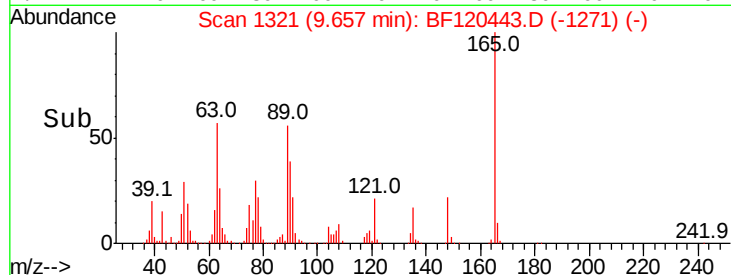
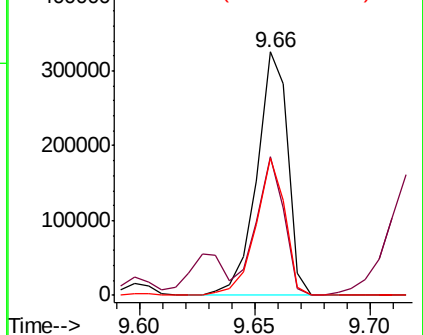
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.9	46.9	70.3	
89	56.5	47.5	71.3	

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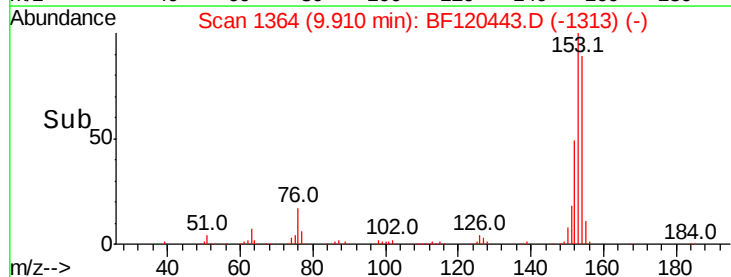
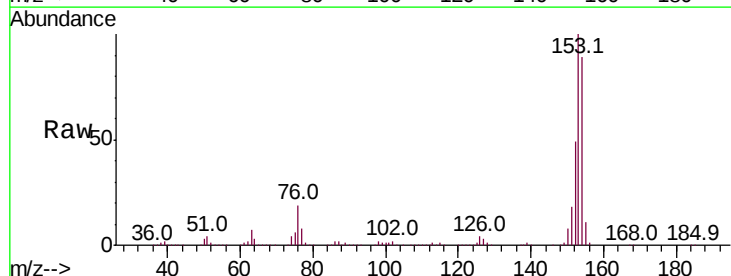
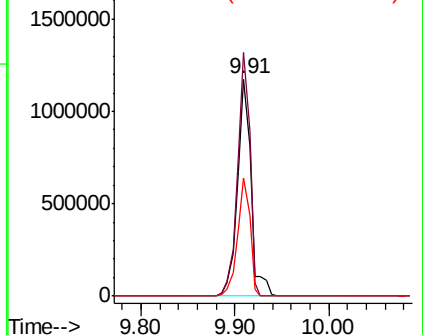
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

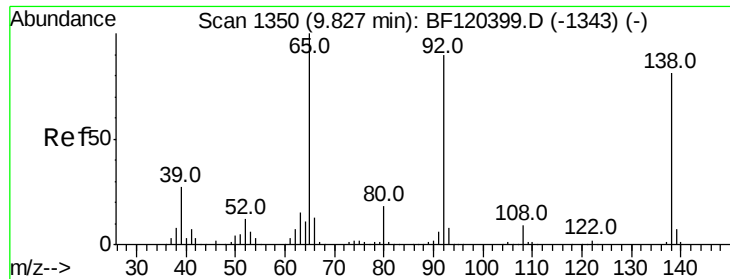


#52
 Acenaphthene
 Concen: 43.800 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.2	90.0	135.0	
152	54.6	43.9	65.9	

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





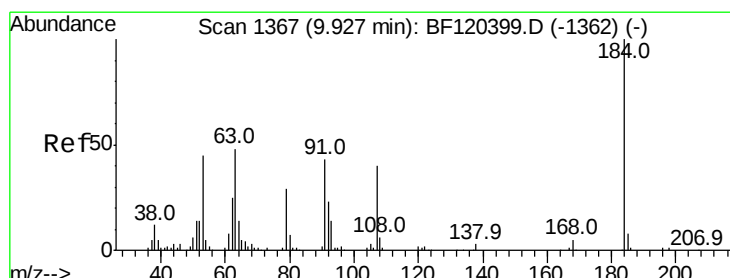
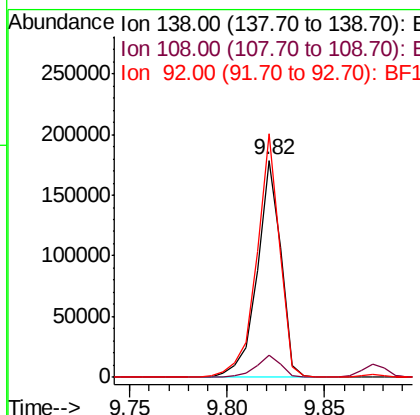
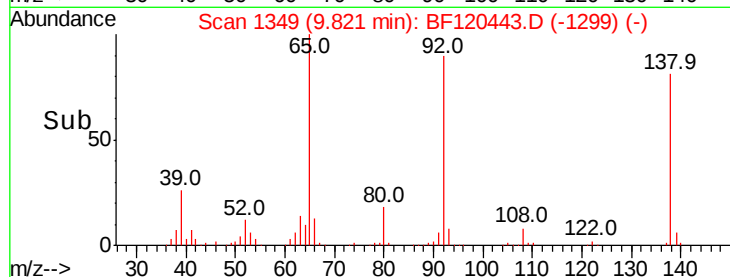
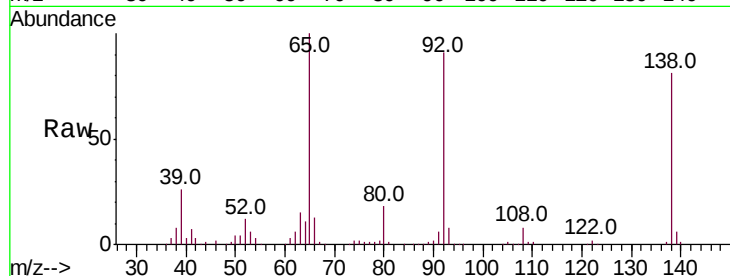
#53
 3-Nitroaniline
 Concen: 17.931 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:	138	Resp:	148962
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.5	12.7
92	112.2	89.0	133.4

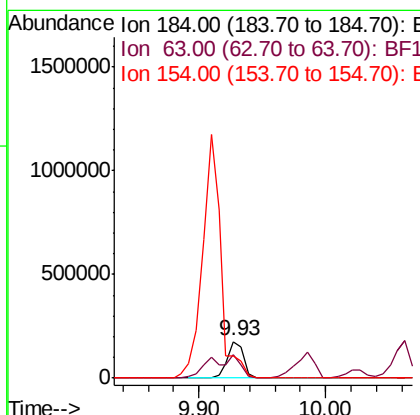
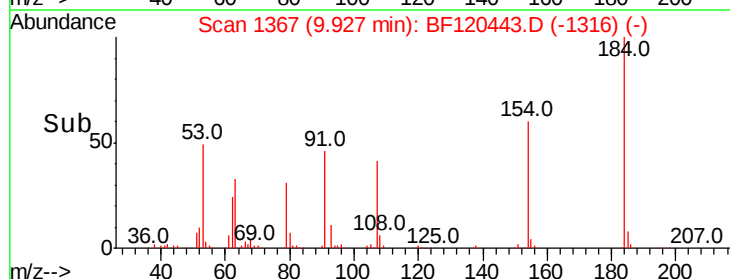
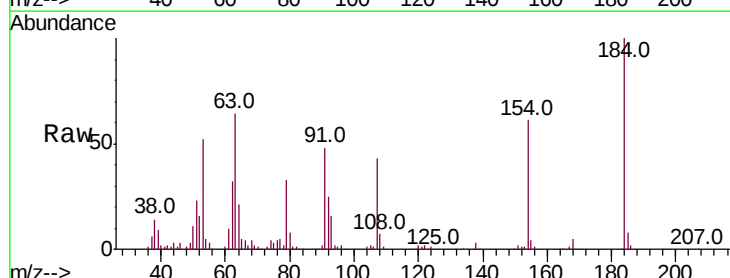
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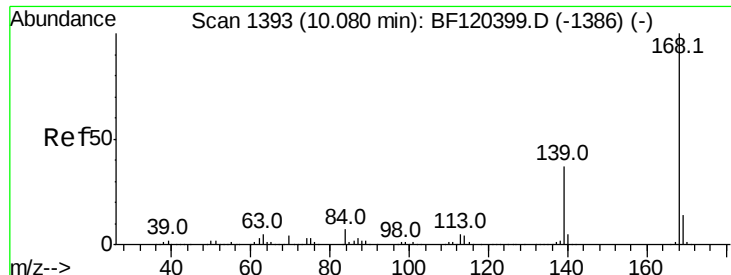
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#54
 2,4-Dinitrophenol
 Concen: 58.063 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	184	Resp:	158853
Ion Ratio	Lower	Upper	
184	100		
63	63.9	45.9	68.9
154	60.7	46.4	69.6





#55

Dibenzenofuran

Concen: 42.445 ng

RT: 10.08 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:168 Resp: 1638565

Ion Ratio Lower Upper

168 100

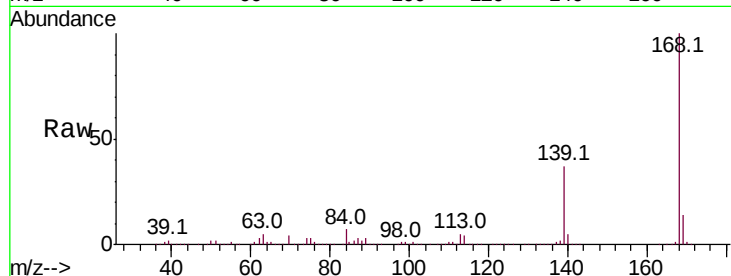
139 37.5 30.0 45.0

169 14.4 11.5 17.3

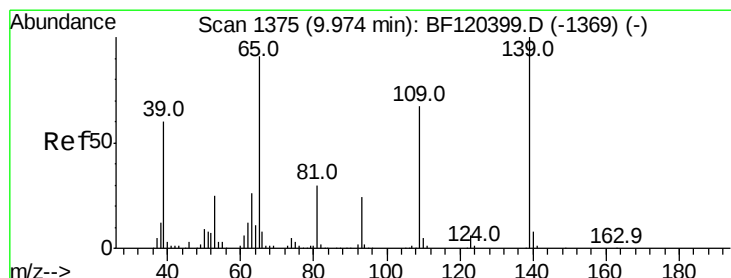
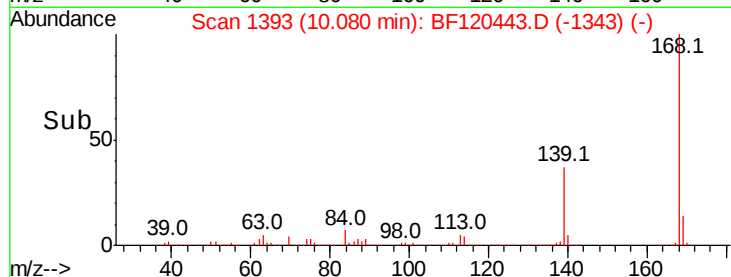
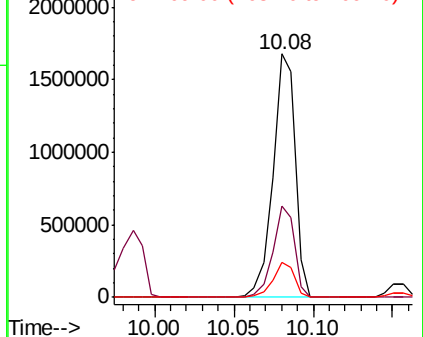
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.707 ng

RT: 9.99 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

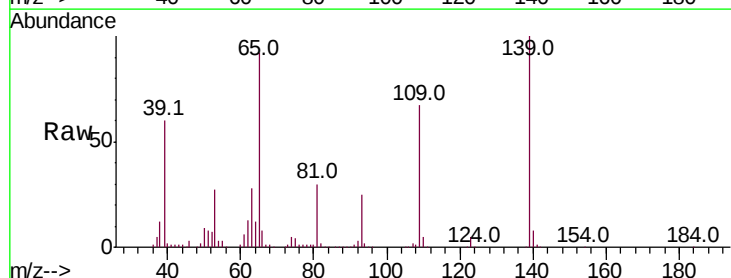
Tgt Ion:139 Resp: 526024

Ion Ratio Lower Upper

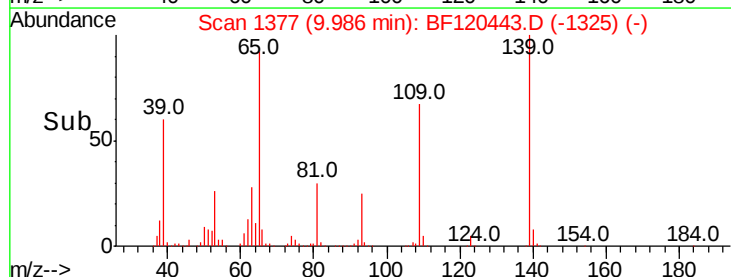
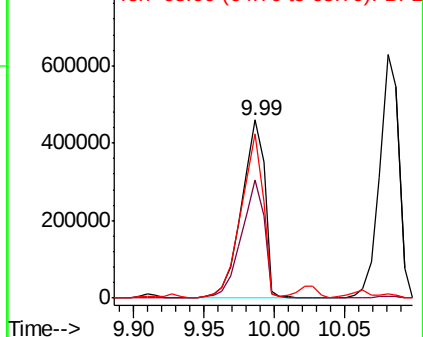
139 100

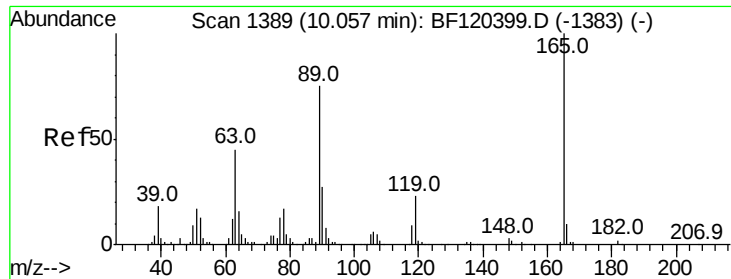
109 66.7 47.3 87.3

65 92.5 71.5 111.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





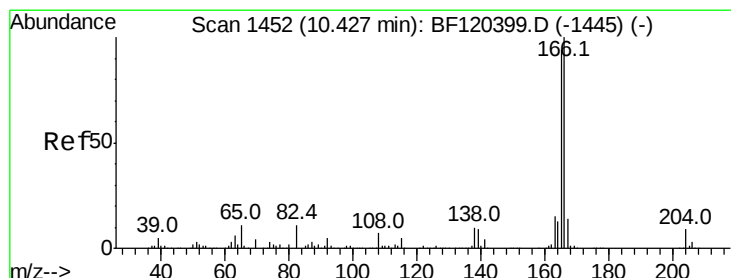
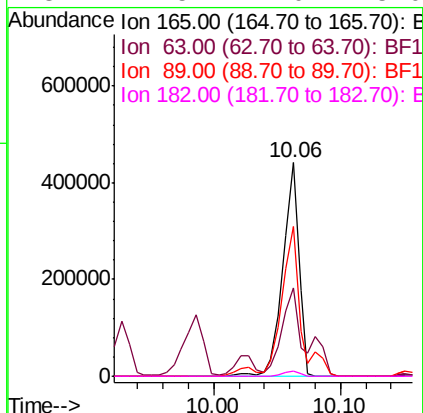
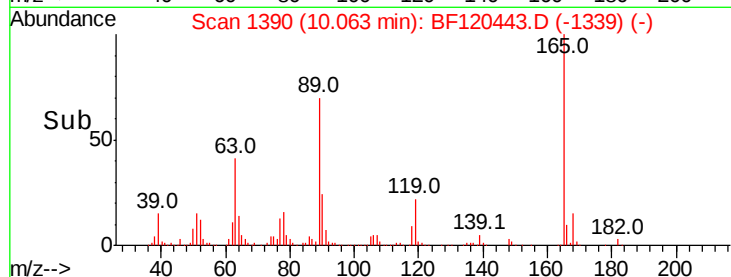
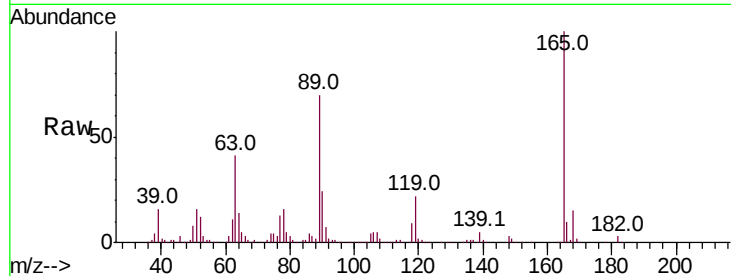
#57
 2,4-Dinitrotoluene
 Concen: 43.026 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.5	35.9	53.9	
89	70.3	60.0	90.0	
182	2.5	2.0	3.0	

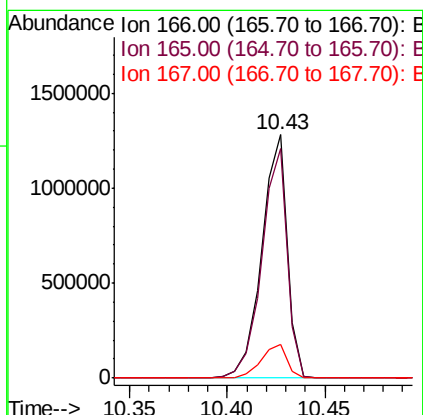
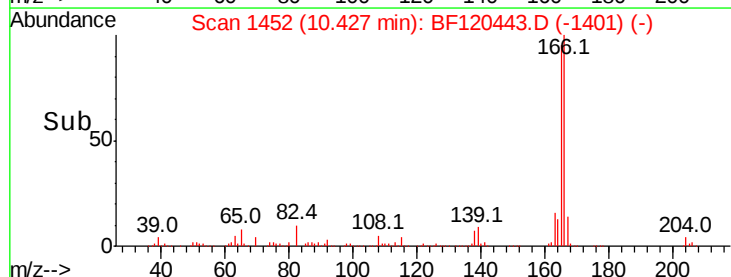
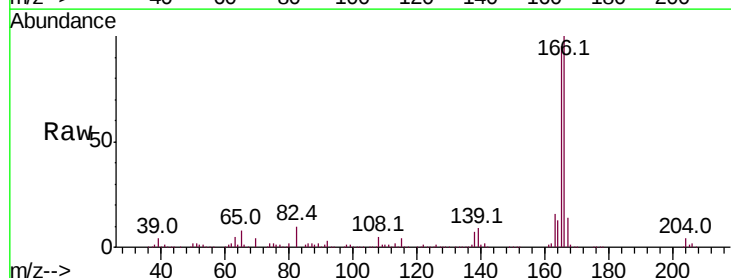
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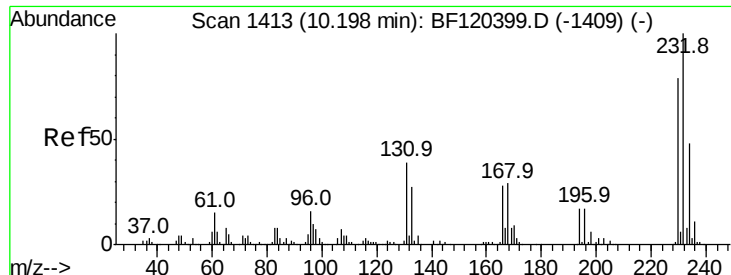
mohammad
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#58
 Fluorene
 Concen: 39.914 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.5	75.6	113.4	
167	13.7	10.9	16.3	





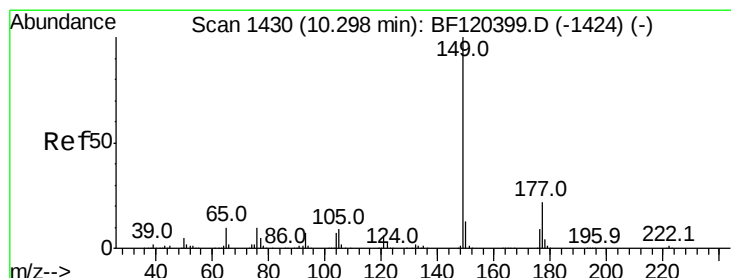
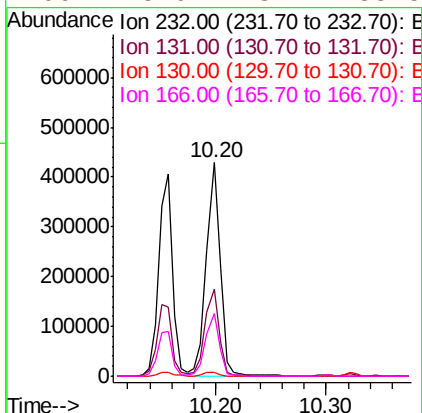
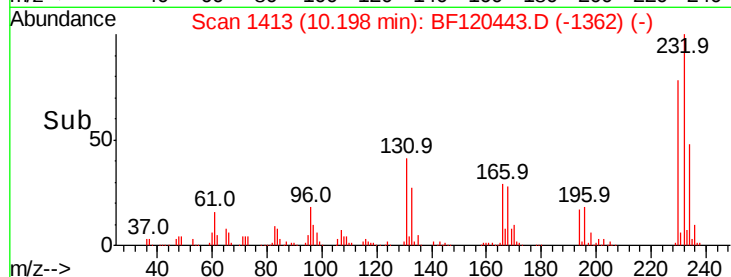
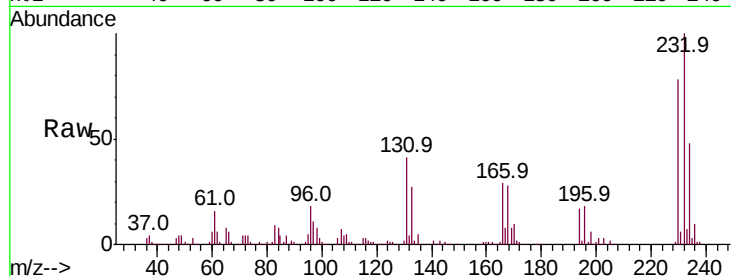
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.396 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	362010		
131	41.9		34.6	51.8
130	2.0		1.7	2.5
166	28.9		23.7	35.5

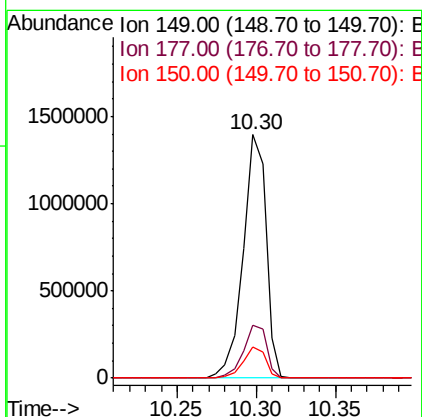
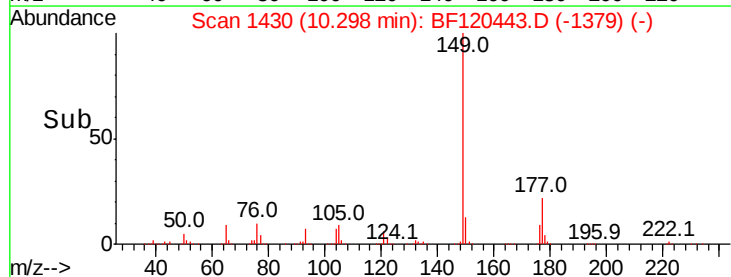
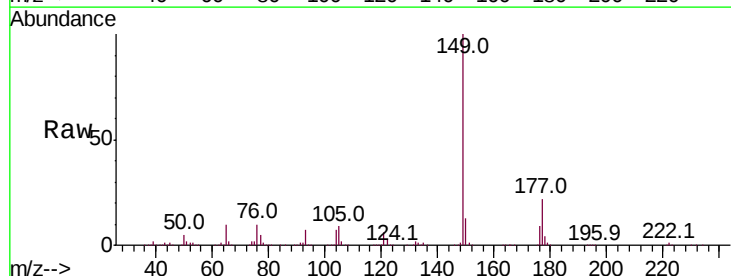
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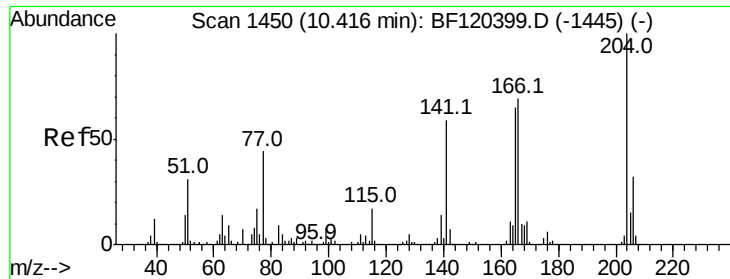
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#60
 Diethylphthalate
 Concen: 43.419 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1396739		
177	21.6		17.4	26.2
150	12.8		10.3	15.5





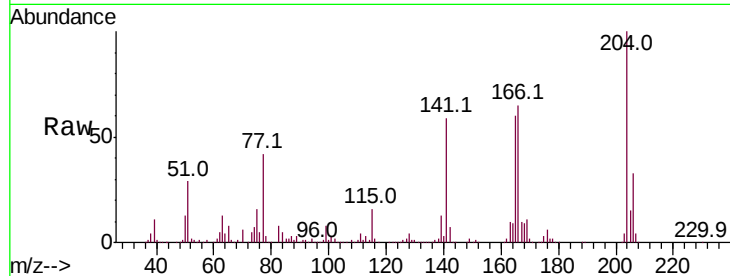
#61
4-Chlorophenyl-phenylether
Concen: 38.204 ng
RT: 10.42 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

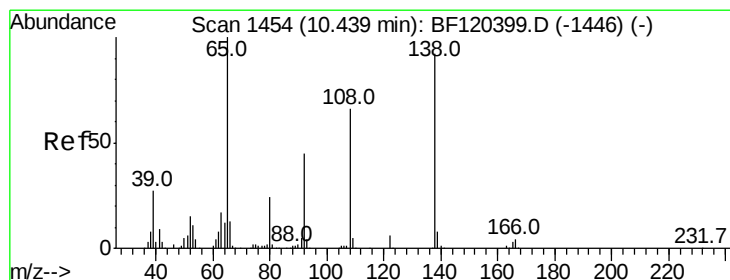
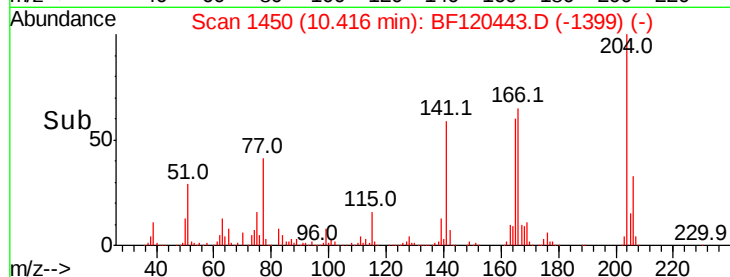
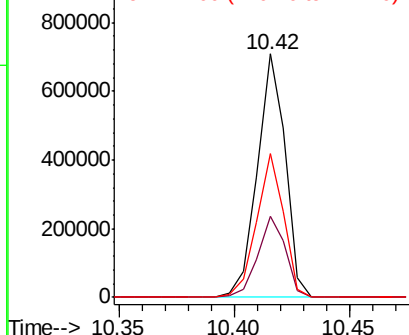
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	59.1	47.2	70.8

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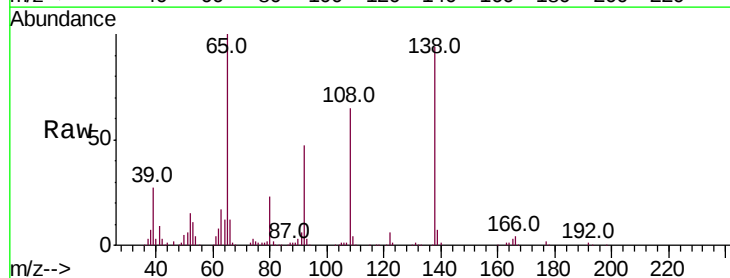


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

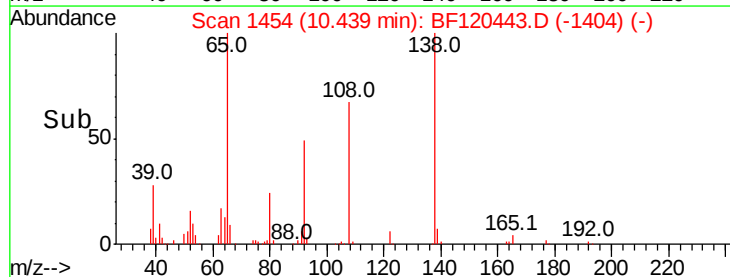
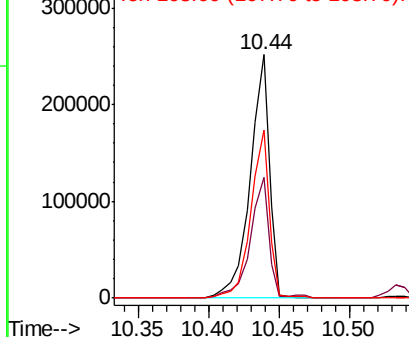


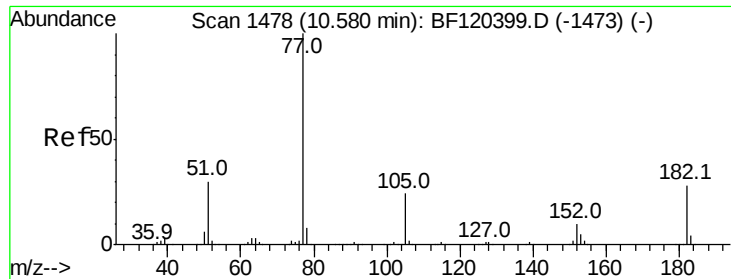
#62
4-Nitroaniline
Concen: 30.959 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	69.2	51.8	91.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





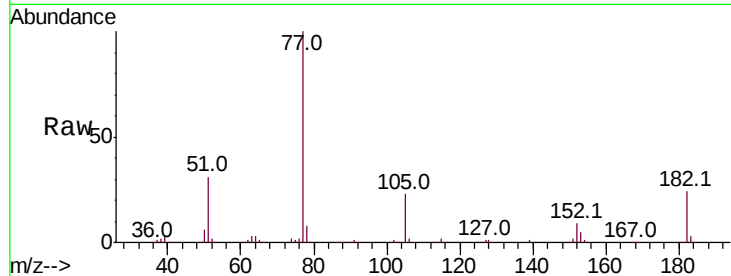
#63
Azobenzene
Concen: 41.450 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

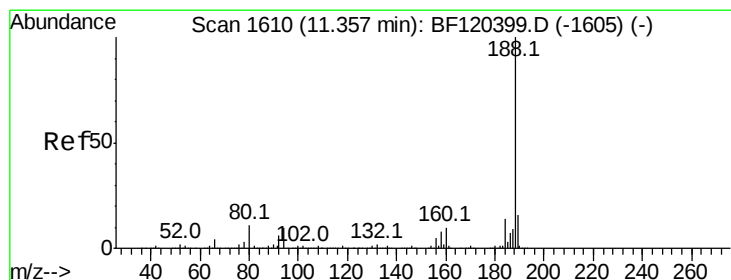
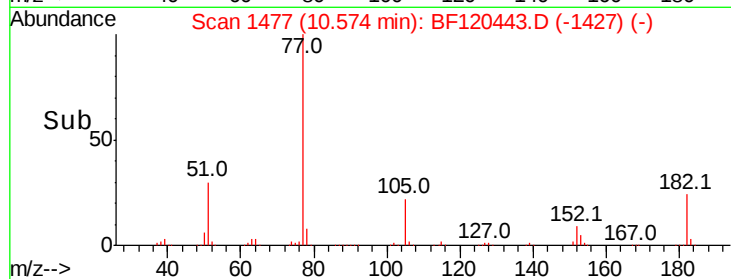
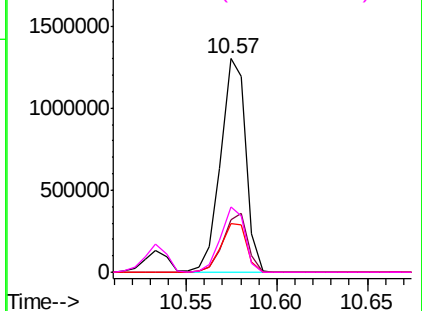
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	8.1	48.1
105	23.0	3.8	43.8
51	30.6	10.1	50.1

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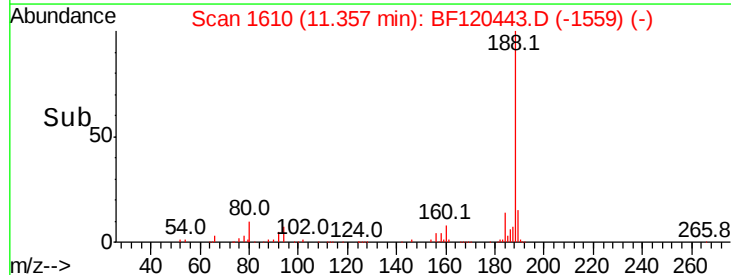
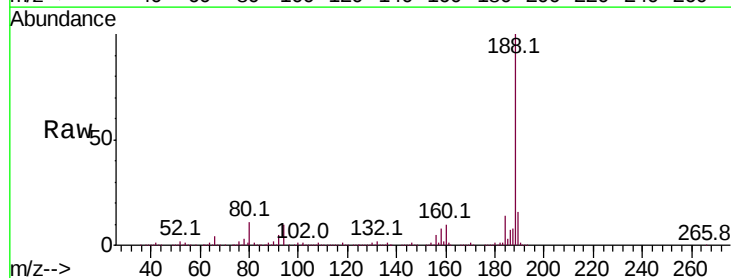
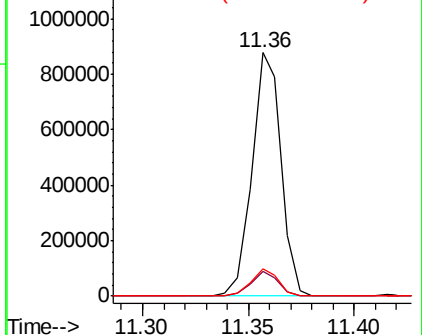
Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 182.00 (181.70 to 182.70): E
1500000 Ion 105.00 (104.70 to 105.70): E
1000000 Ion 51.00 (50.70 to 51.70): BF1

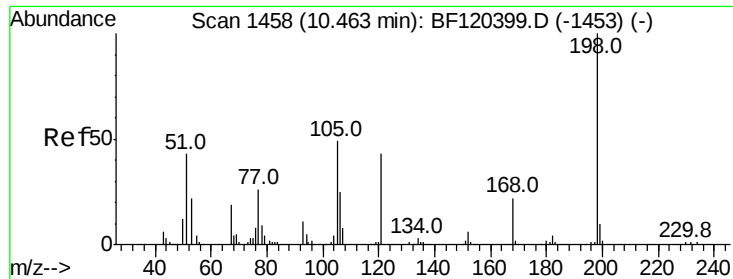


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.0	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BF1
1000000 Ion 80.00 (79.70 to 80.70): BF1





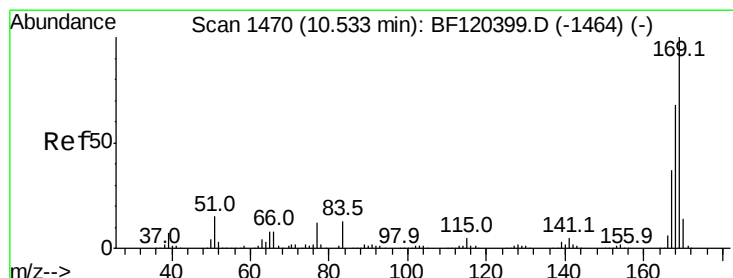
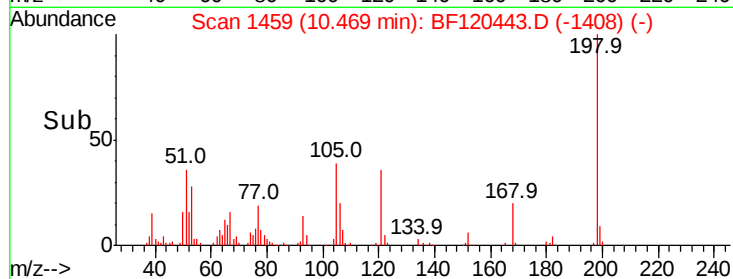
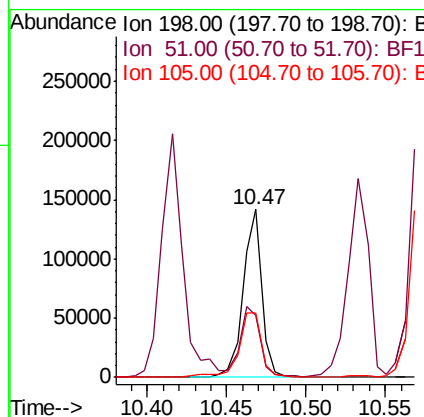
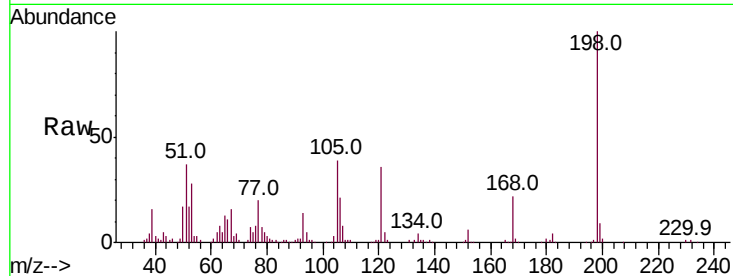
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.727 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.5	34.1	74.1
105	38.7	30.5	70.5

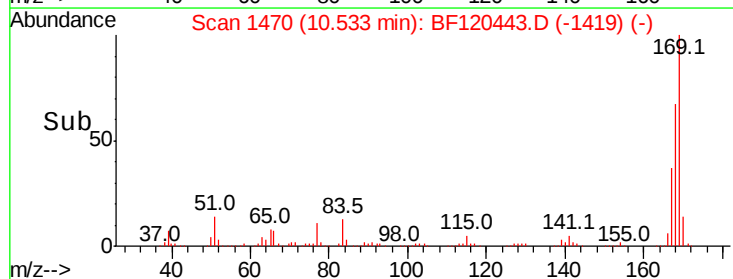
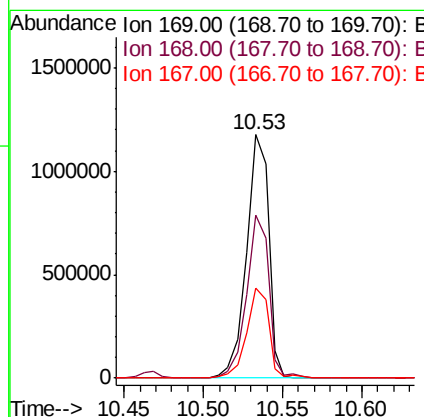
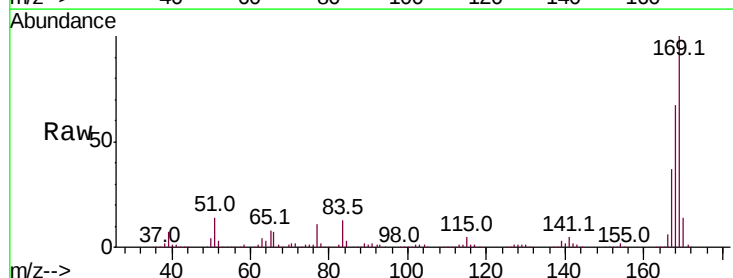
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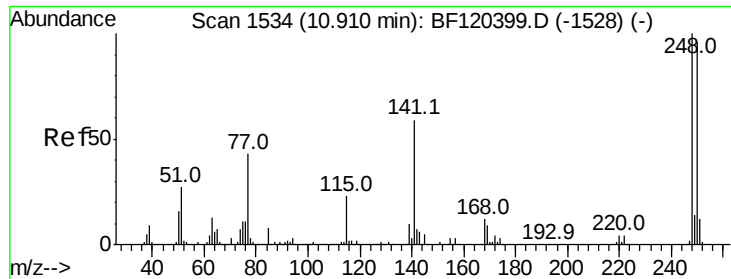
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#66
 n-Nitrosodiphenylamine
 Concen: 48.880 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.2
167	36.9	29.8	44.8





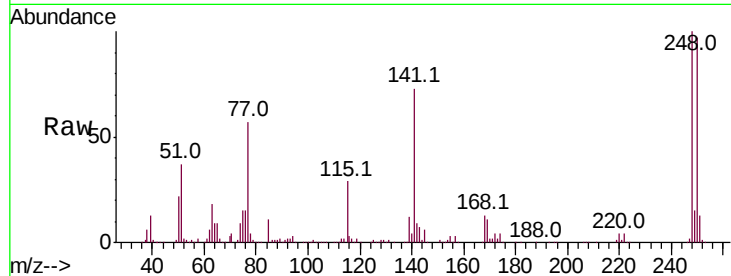
#67
 4-Bromophenyl-phenylether
 Concen: 46.382 ng
 RT: 10.90 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

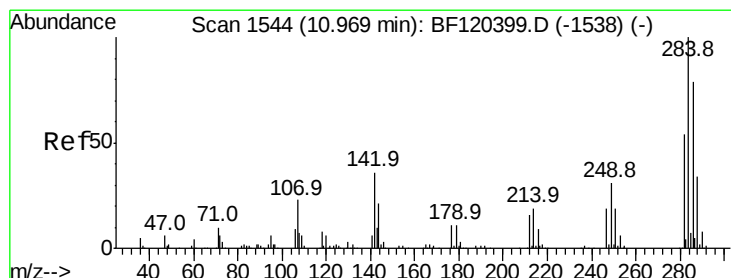
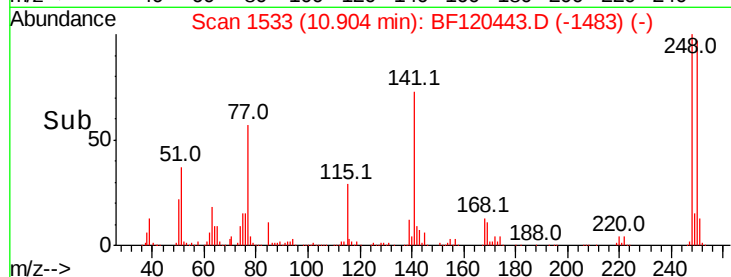
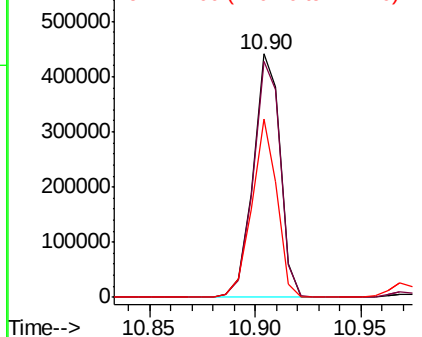
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.5	114.7
141	73.2	47.2	70.8

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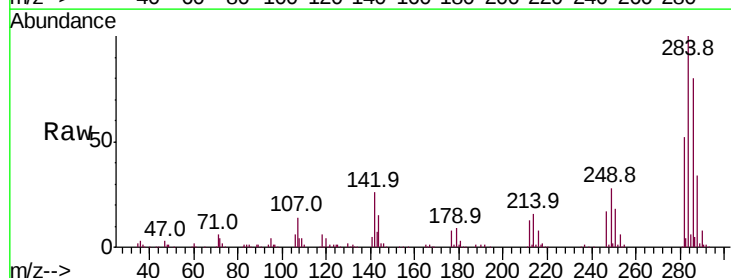


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

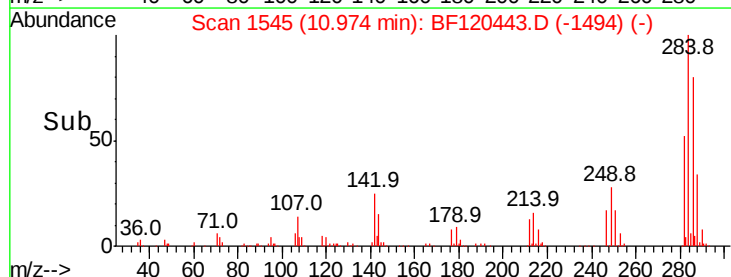
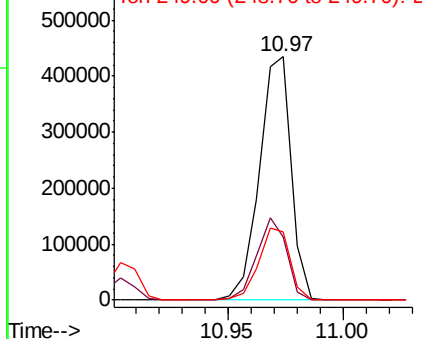


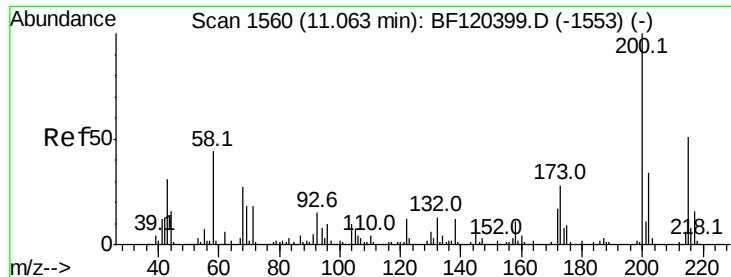
#68
 Hexachlorobenzene
 Concen: 46.309 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	28.5	42.7
249	27.9	25.0	37.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





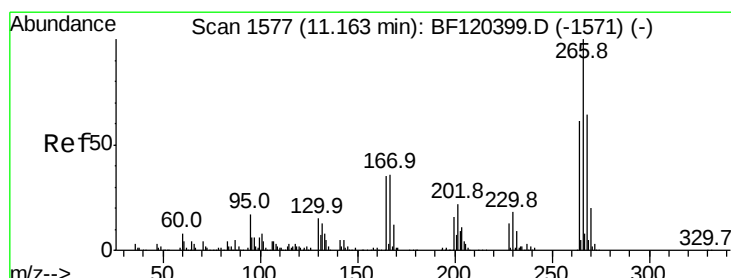
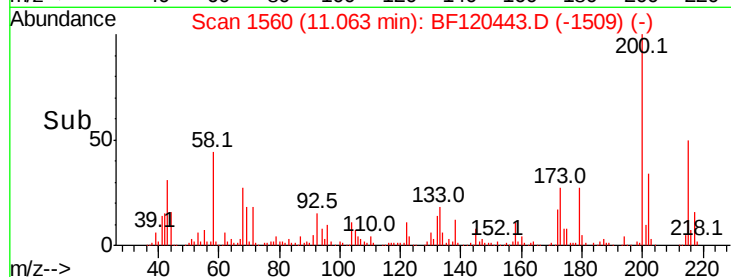
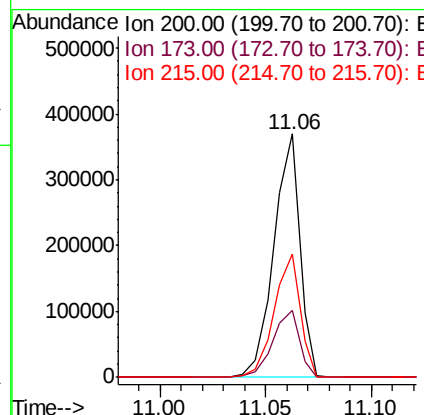
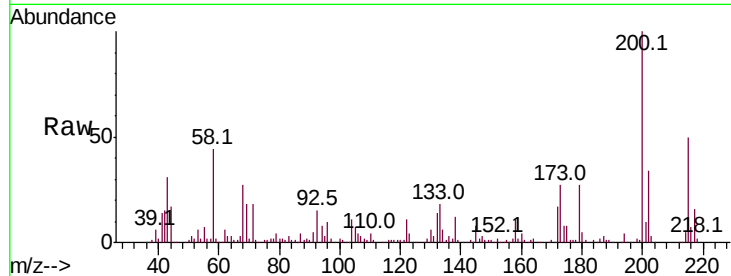
#69
Atrazine
Concen: 48.375 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.9	47.9
215	50.5	31.2	71.2

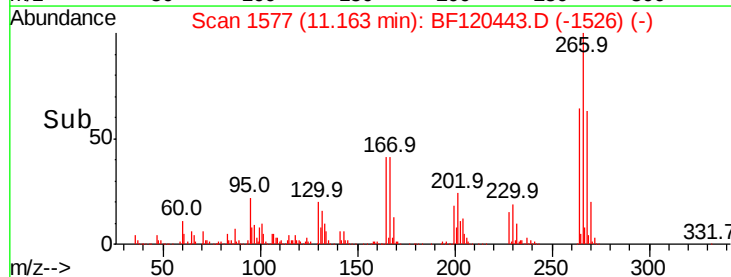
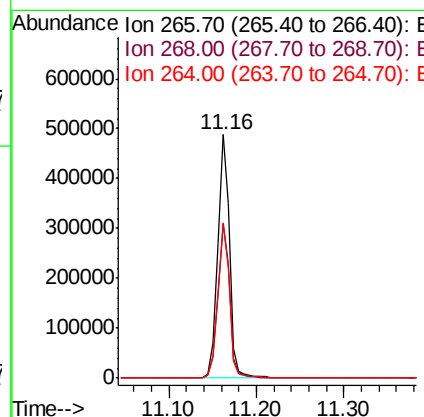
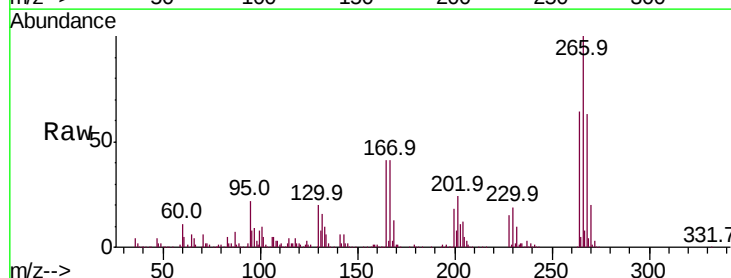
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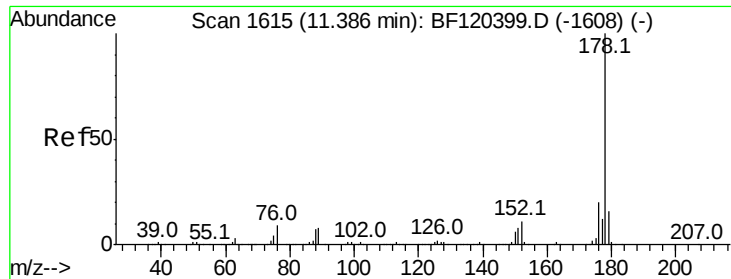
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#70
Pentachlorophenol
Concen: 83.633 ng
RT: 11.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.5	77.3
264	63.6	49.1	73.7





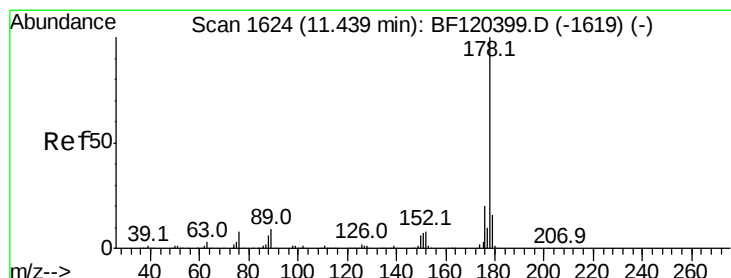
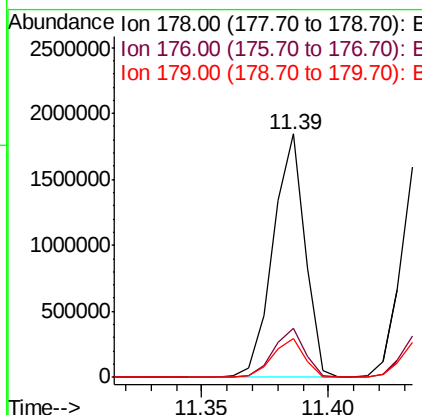
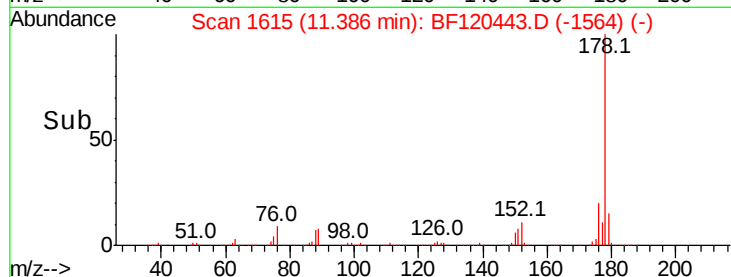
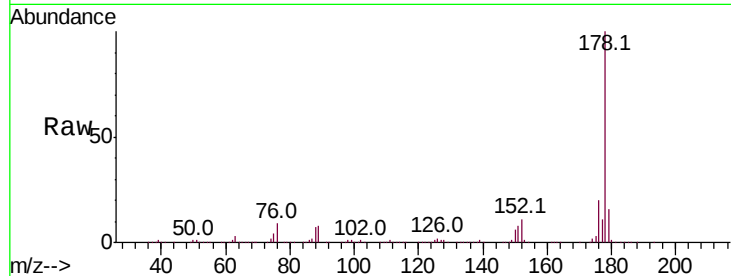
#71
Phenanthrene
Concen: 44.160 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion:178 Resp: 1631825
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.8 13.0 19.4

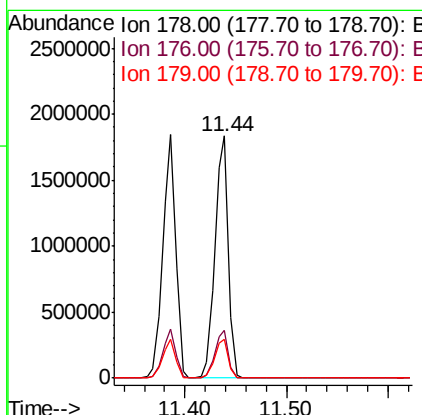
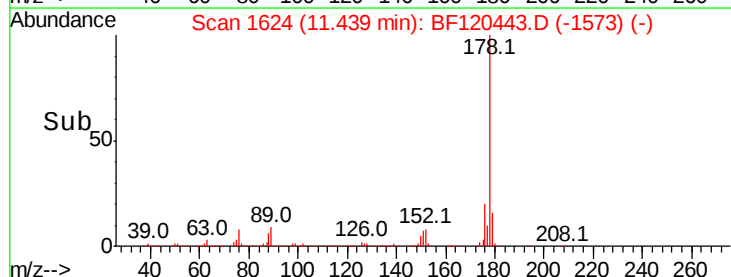
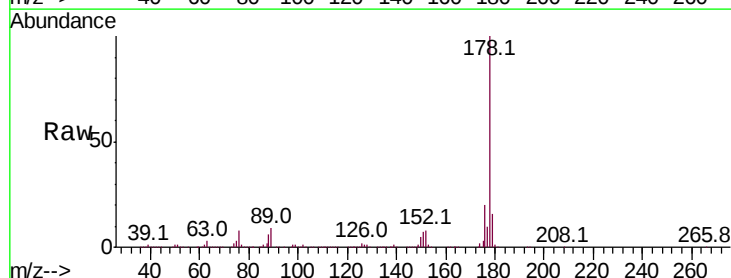
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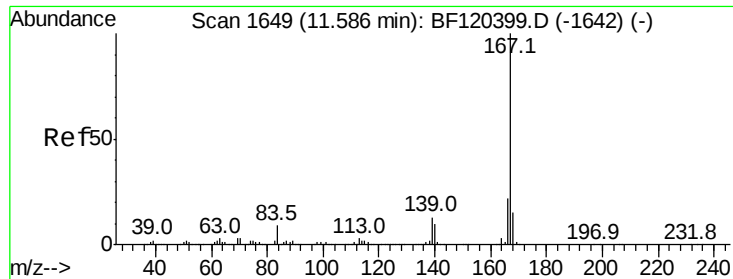
mohammad
6/1/2020 12:21:11 PM



#72
Anthracene
Concen: 44.967 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:178 Resp: 1667202
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 12.8 19.2





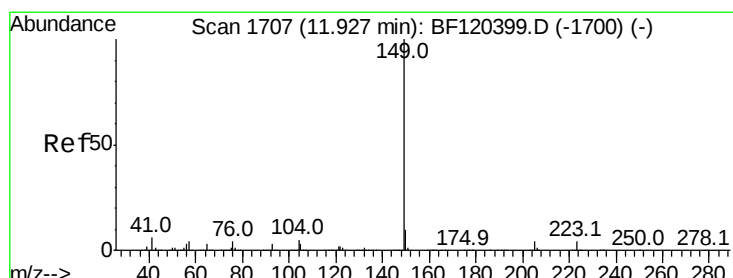
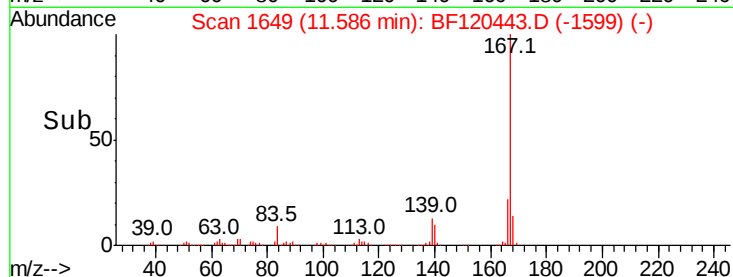
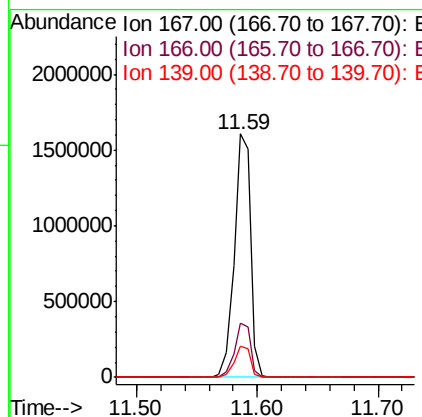
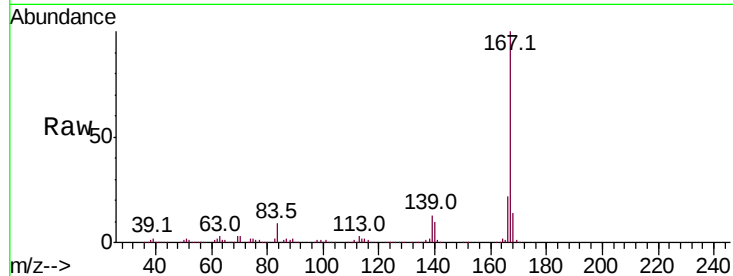
#73
 Carbazole
 Concen: 41.986 ng
 RT: 11.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:167 Resp: 1505656
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.0 10.4 15.6

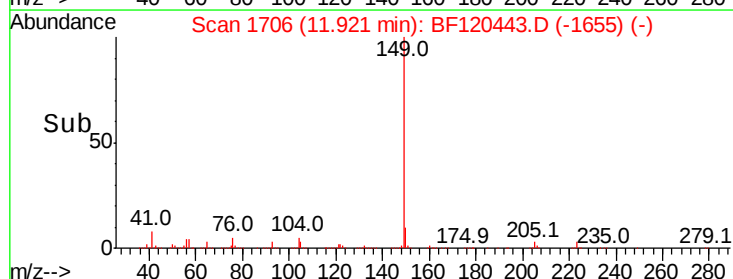
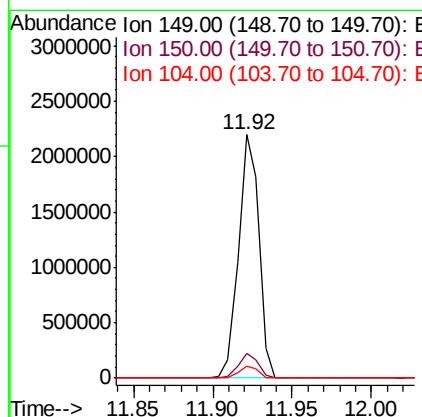
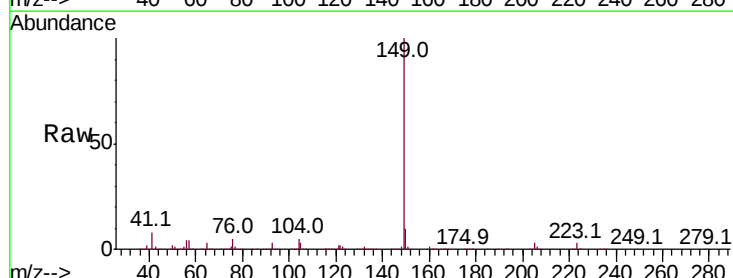
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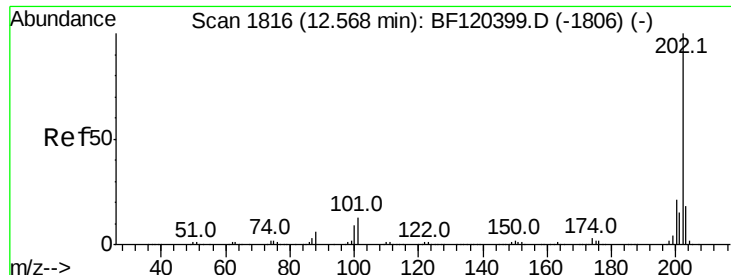
mohammad
 6/1/2020 12:21:11 PM



#74
 Di-n-butylphthalate
 Concen: 46.729 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:149 Resp: 1949358
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.0 3.6 5.4





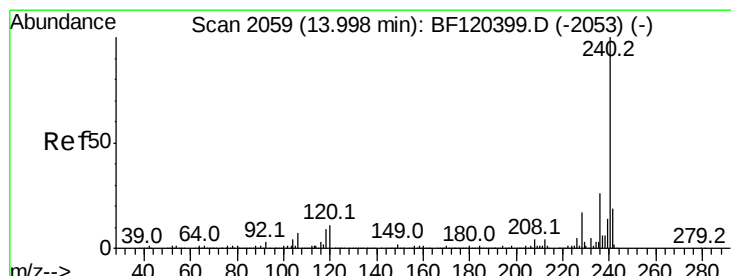
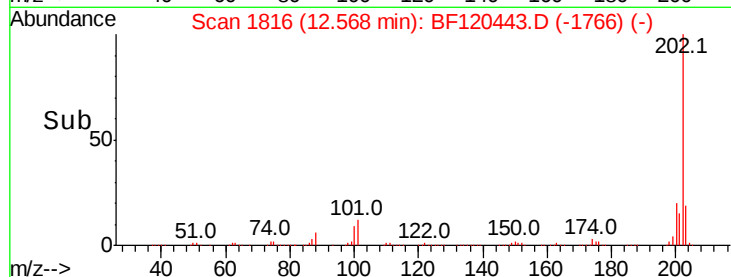
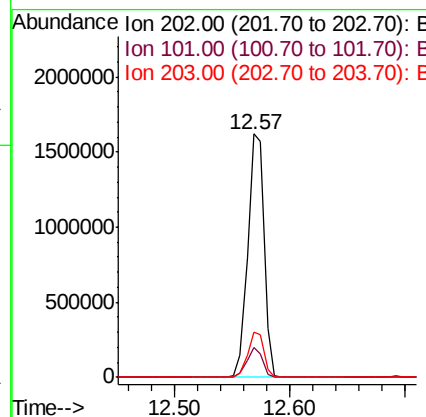
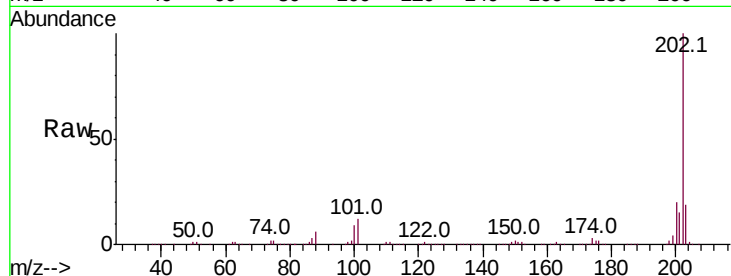
#75
Fluoranthene
 Concen: 40.051 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.6
203	18.5	0.0	38.4

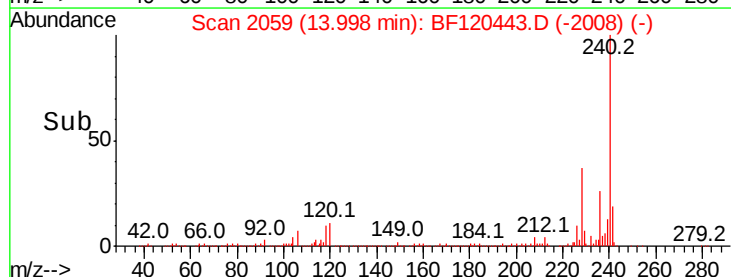
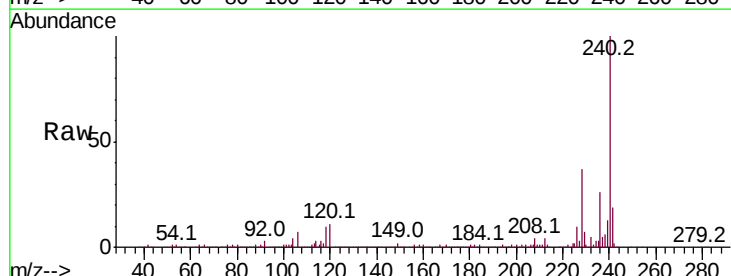
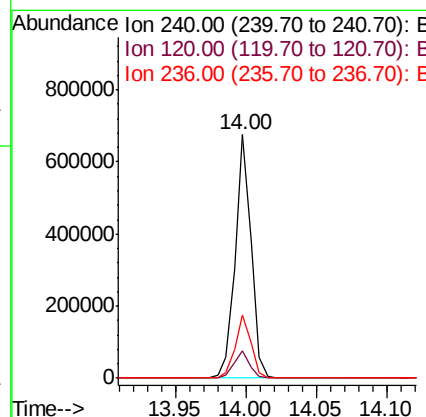
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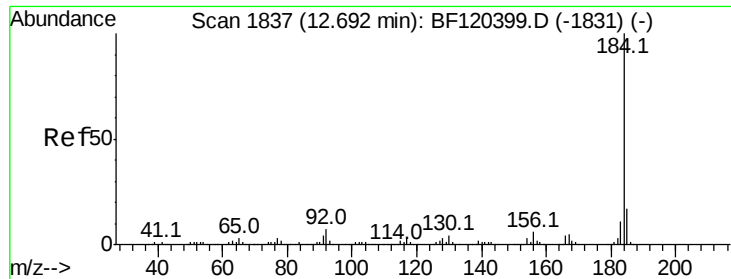
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	26.2	21.0	31.4





#77

Benzidine

Concen: 70.503 ng

RT: 12.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:184 Resp: 971882

Ion Ratio Lower Upper

184 100

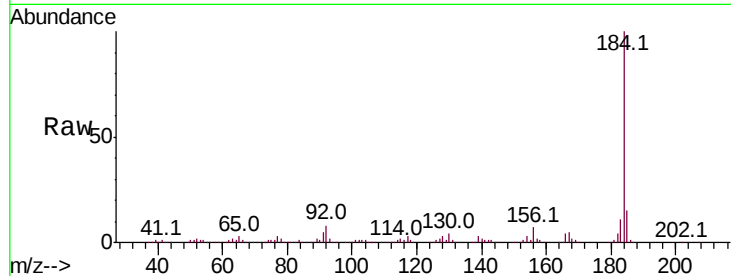
185 14.7 13.4 20.0

183 11.2 8.6 12.8

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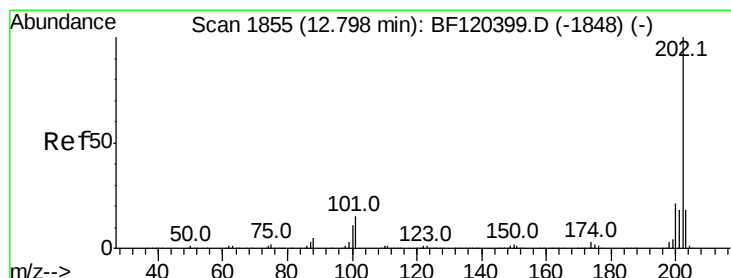
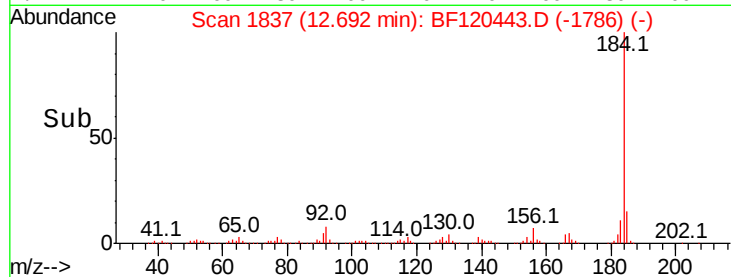
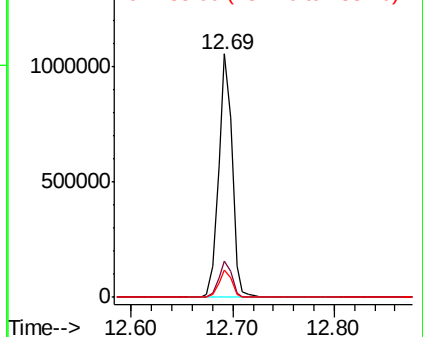
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.991 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

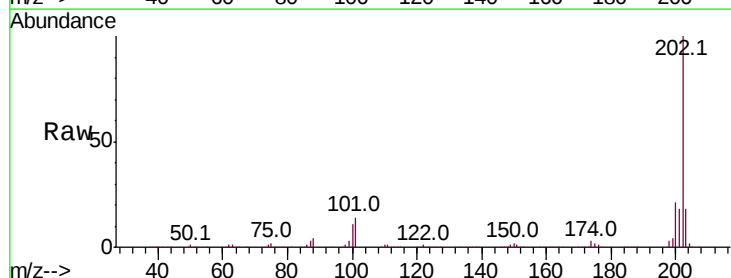
Tgt Ion:202 Resp: 1568584

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

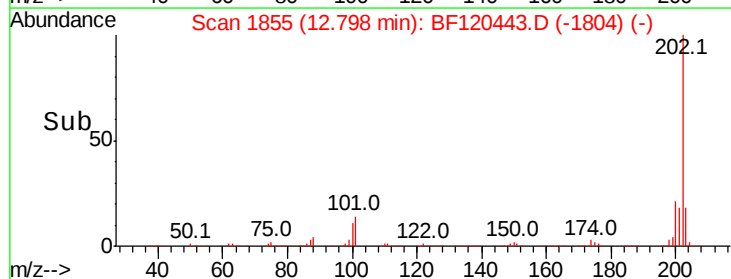
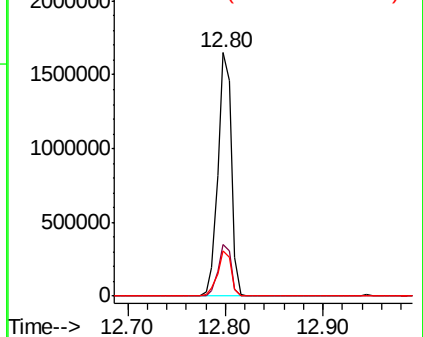
203 18.4 14.7 22.1

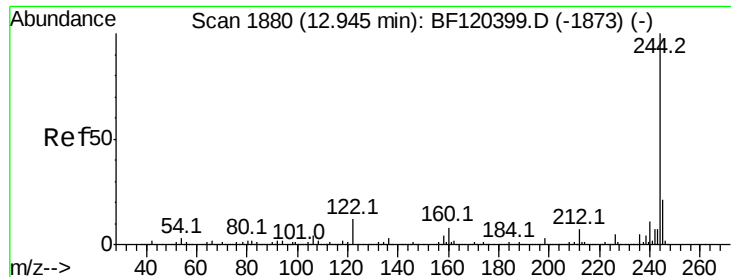


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.512 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:244 Resp: 2110470

Ion Ratio Lower Upper

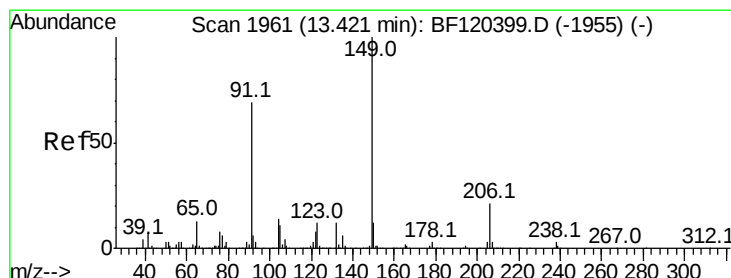
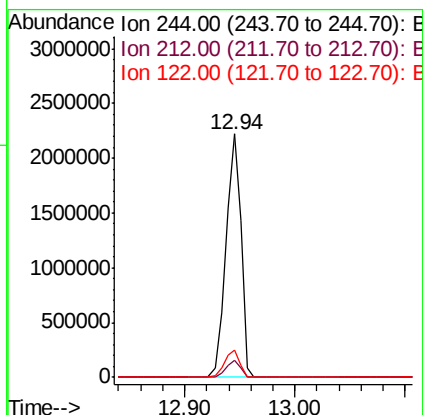
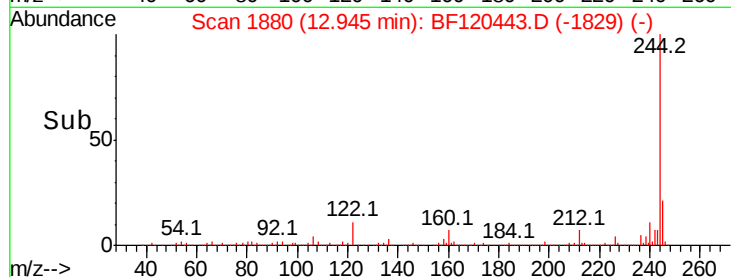
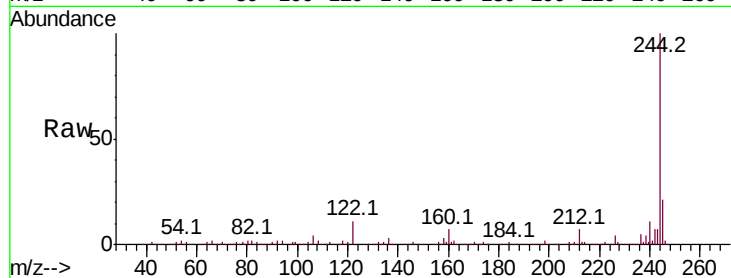
244 100

212 7.1 5.9 8.9

122 11.1 9.2 13.8

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#80

Butylbenzylphthalate

Concen: 46.229 ng

RT: 13.42 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

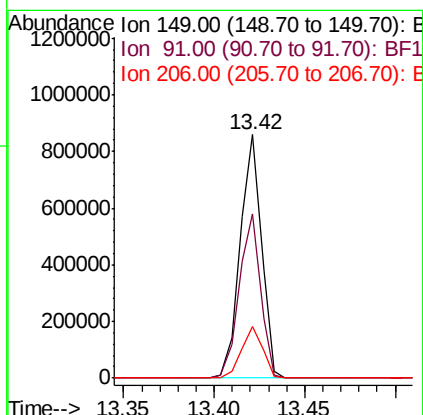
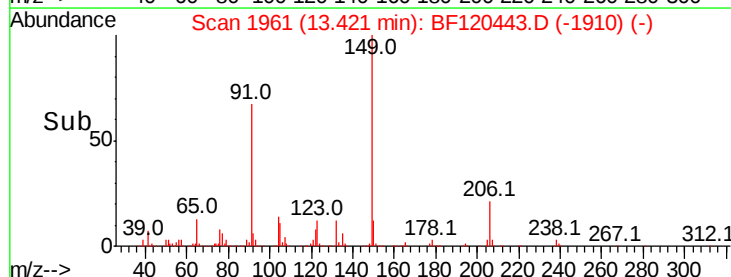
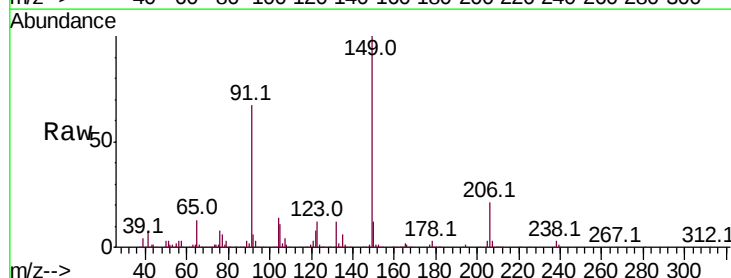
Tgt Ion:149 Resp: 704174

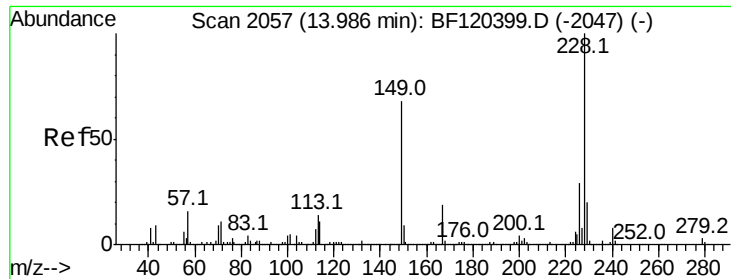
Ion Ratio Lower Upper

149 100

91 67.4 55.0 82.4

206 21.2 17.0 25.4





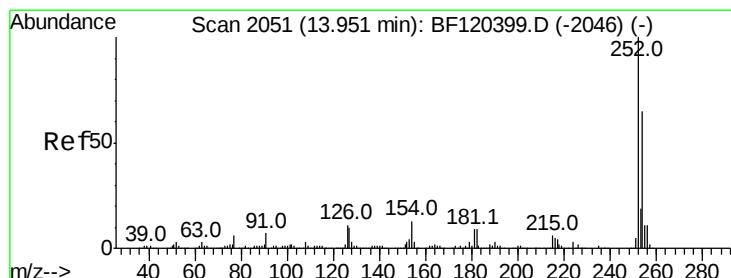
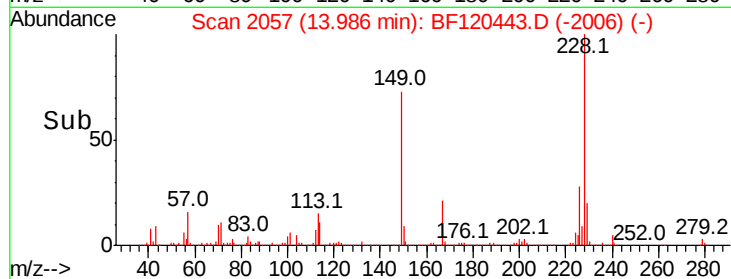
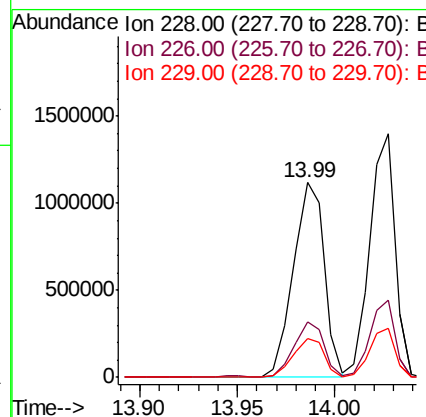
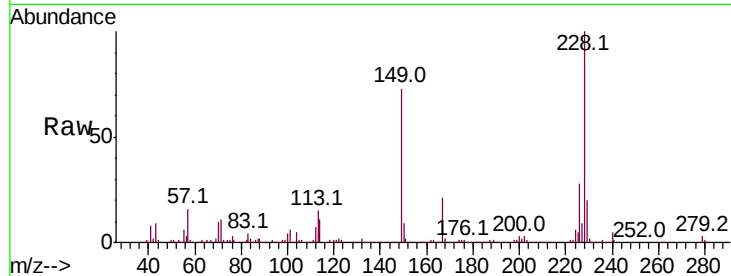
#81
Benzo(a)anthracene
Concen: 43.669 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	20.1	16.2	24.4

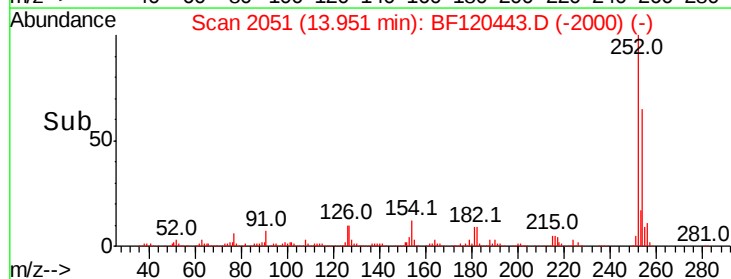
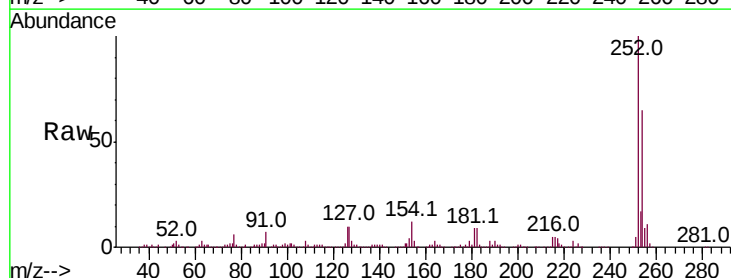
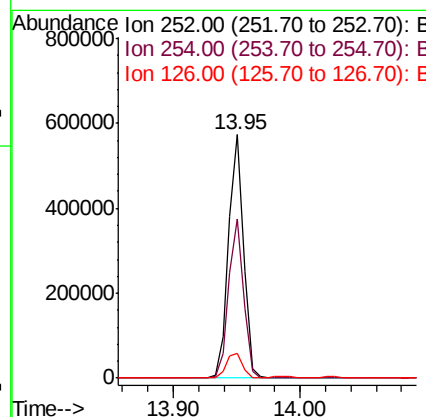
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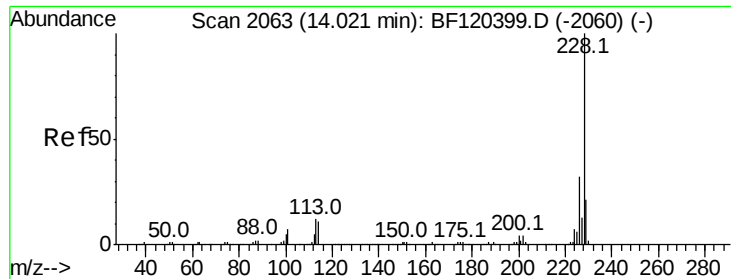
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 46.425 ng
RT: 13.95 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	10.3	8.5	12.7





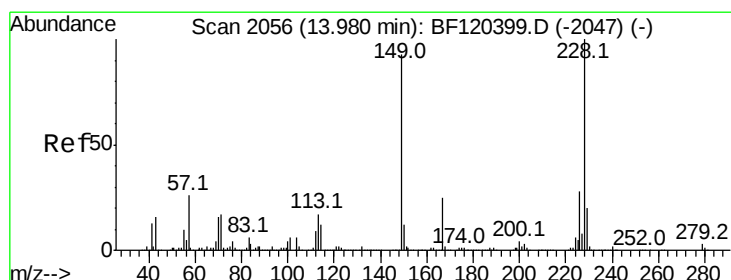
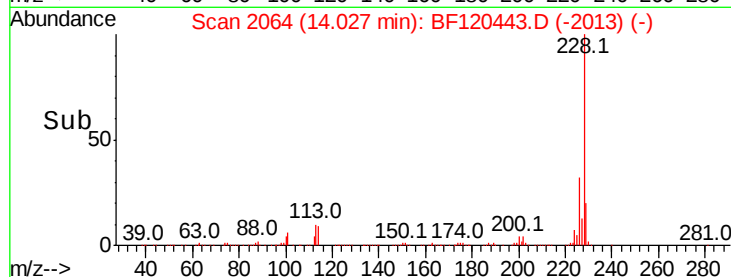
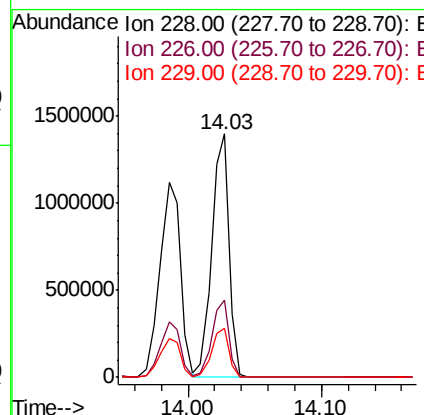
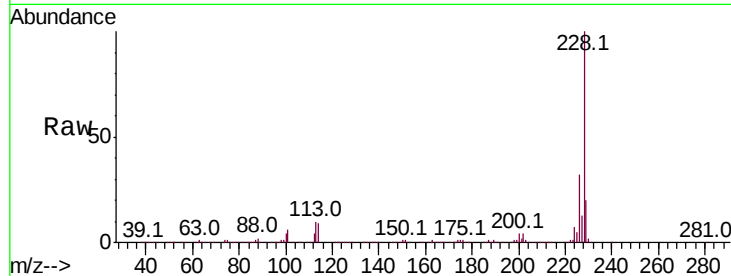
#83
 Chrysene
 Concen: 42.876 ng
 RT: 14.03 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	20.1	16.6	25.0

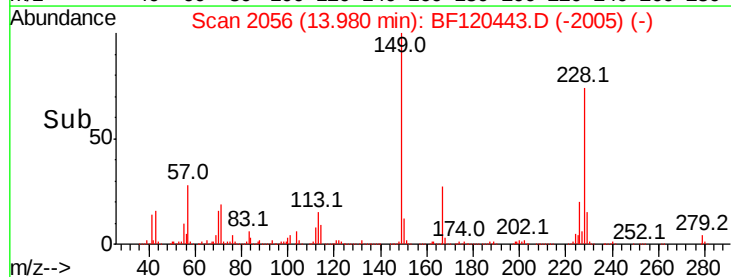
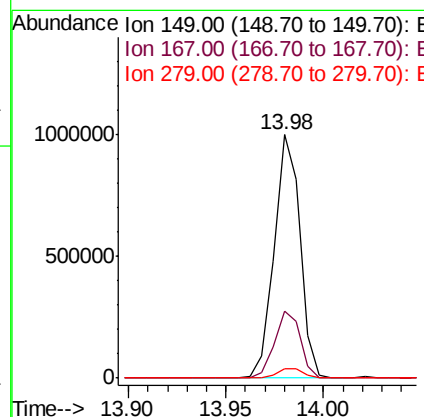
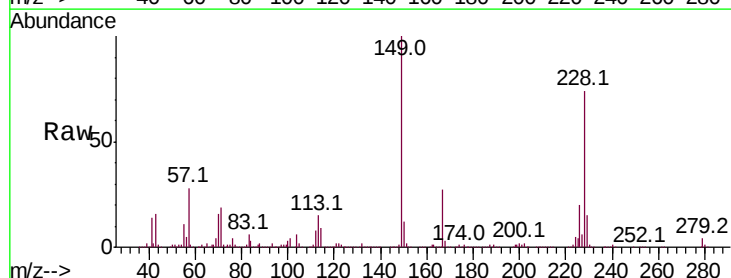
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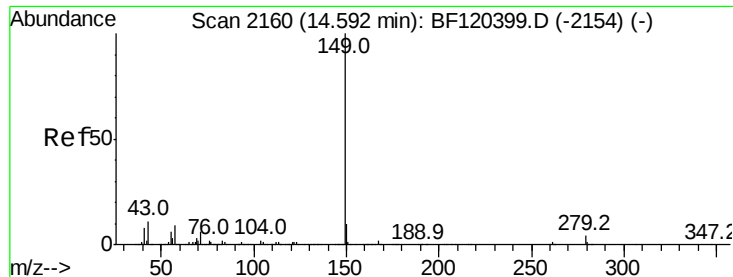
mohammad
 6/1/2020 12:21:11 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.896 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.7	32.5
279	3.8	2.9	4.3





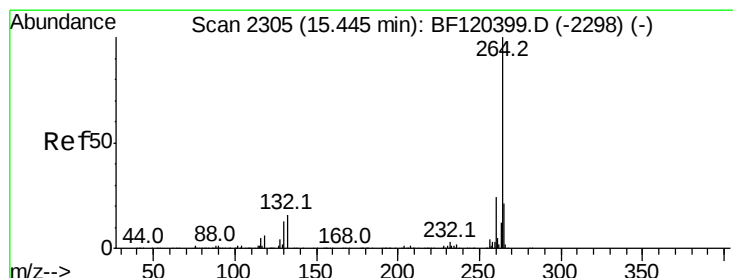
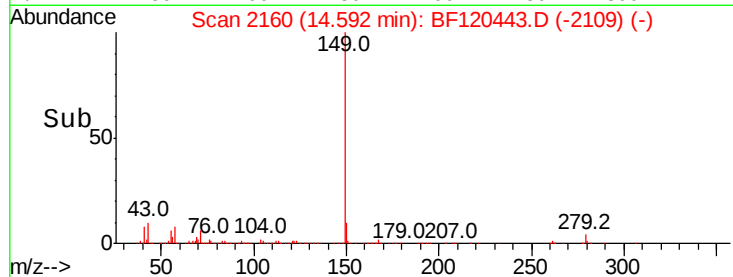
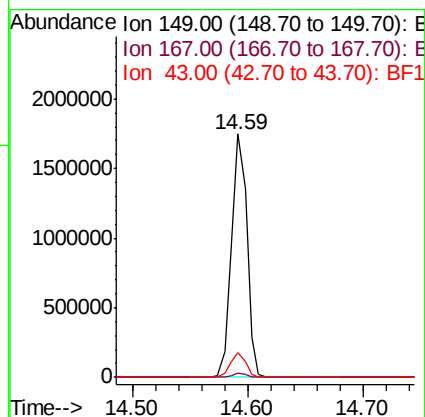
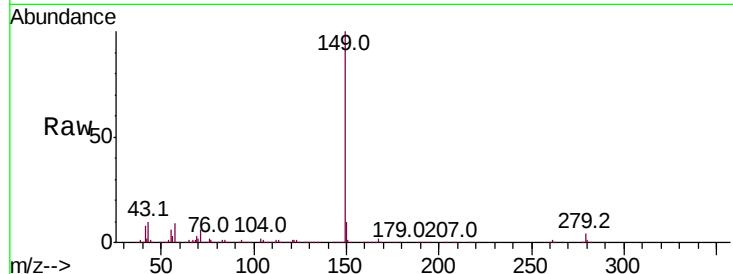
#85
Di-n-octyl phthalate
Concen: 52.380 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.1	12.1

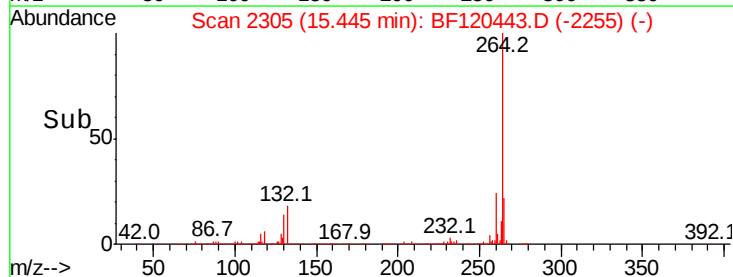
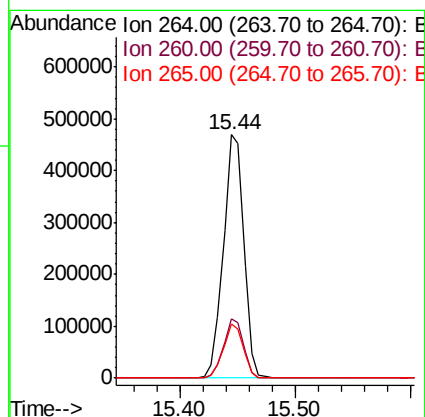
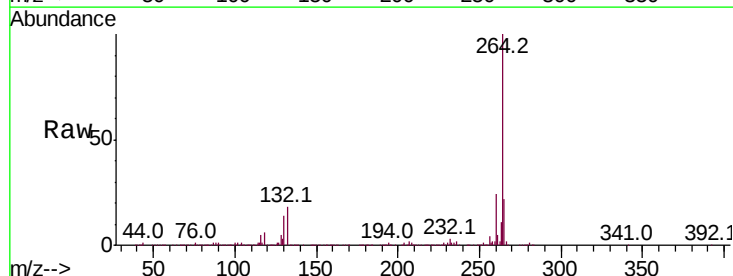
Manual Integrations
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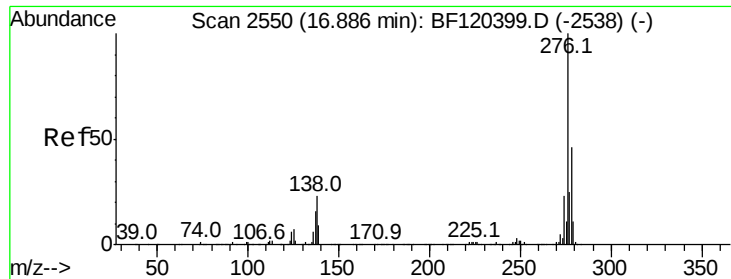
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	16.9	25.3





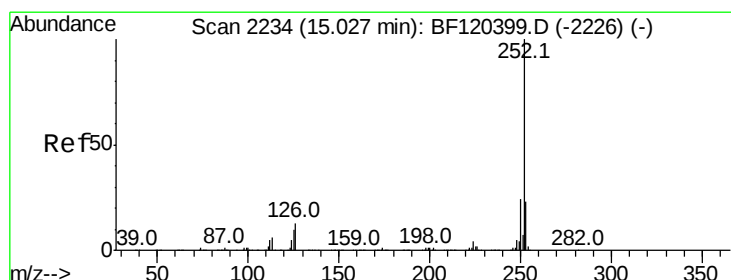
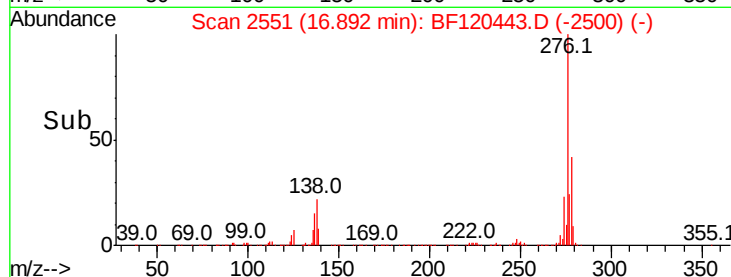
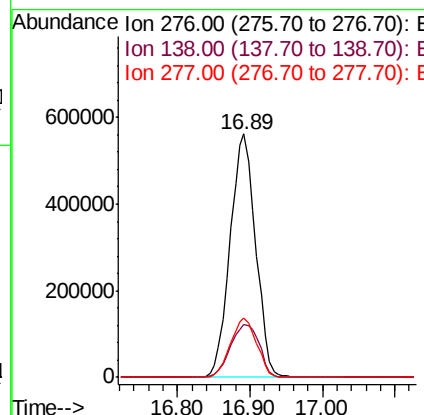
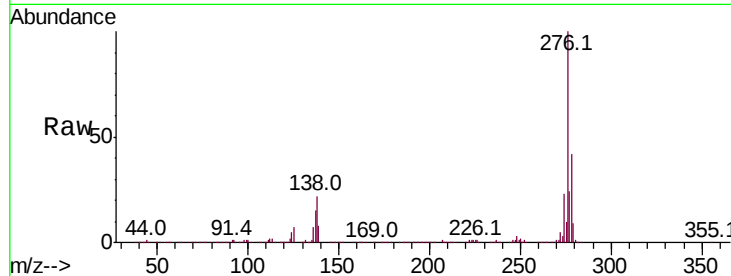
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.645 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.4	30.6
277	25.2	20.4	30.6

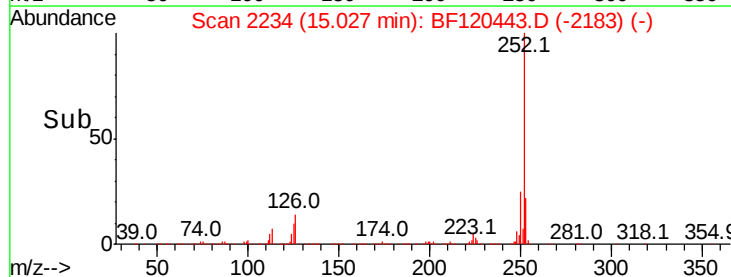
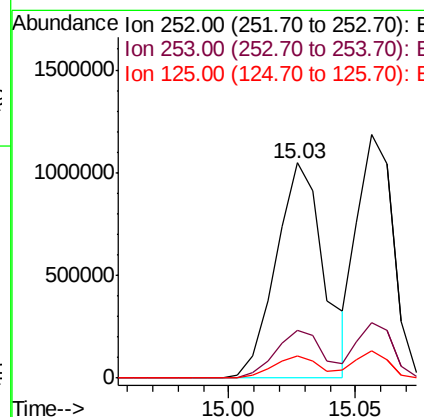
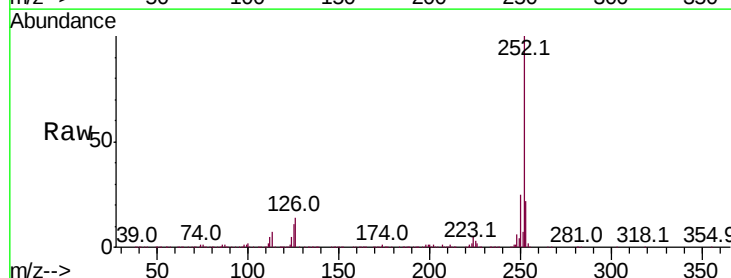
Manual Integrations
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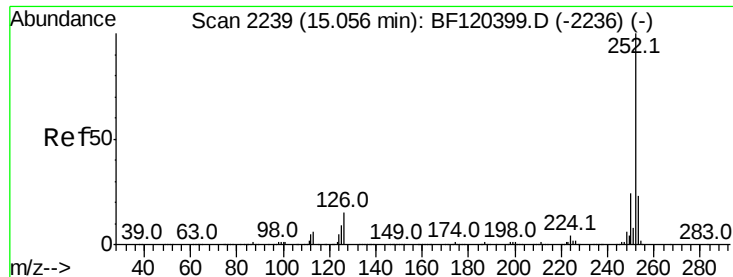
mohammad
 6/1/2020 12:21:11 PM



#88
 Benzo(b)fluoranthene
 Concen: 43.024 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	7.8	11.8





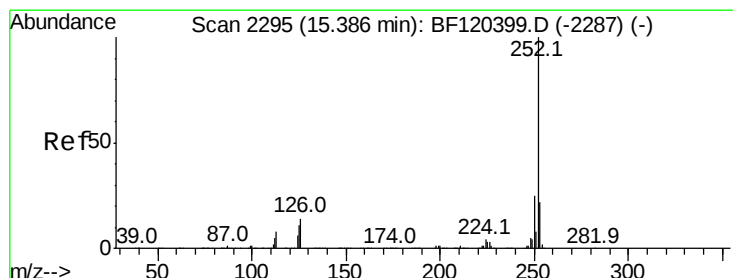
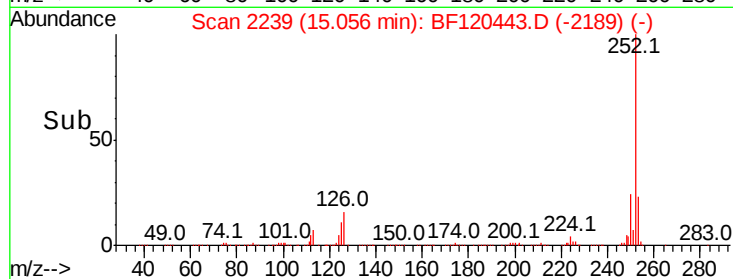
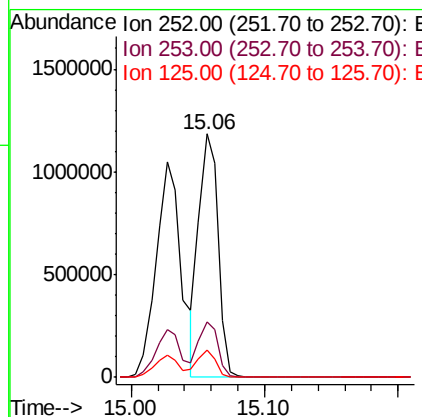
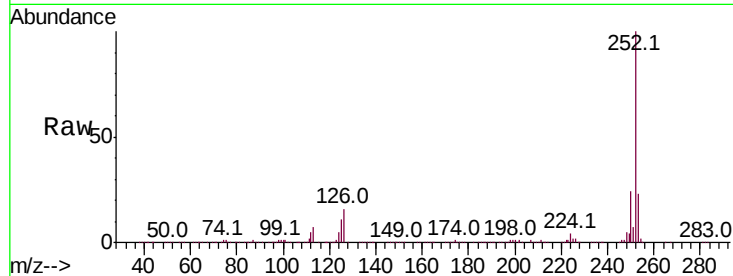
#89
Benzo(k)fluoranthene
Concen: 39.071 ng
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.0	8.0	12.0

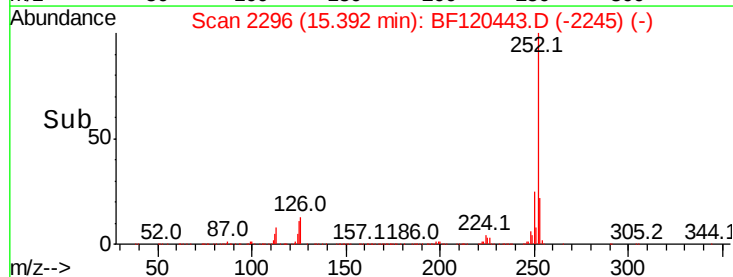
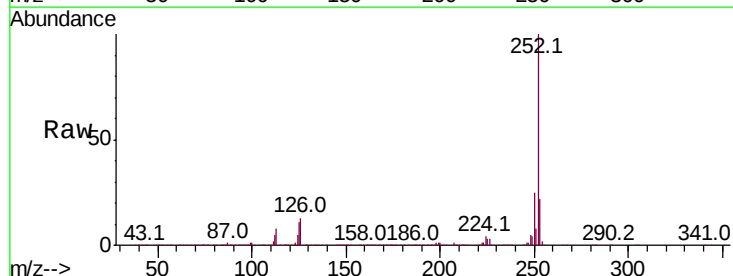
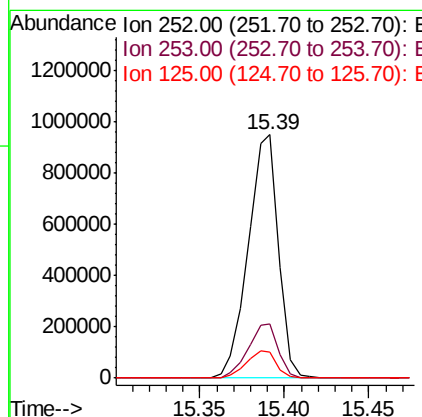
Manual Integrations
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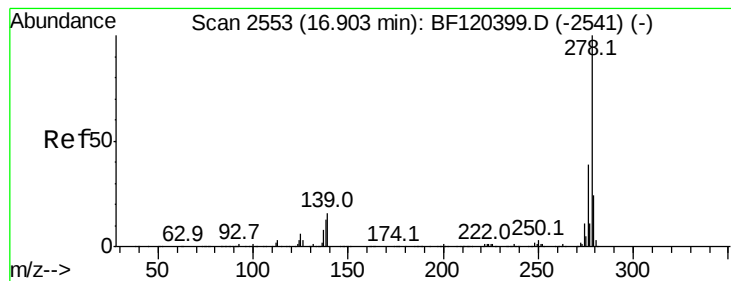
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#90
Benzo(a)pyrene
Concen: 42.377 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.6	8.7	13.1





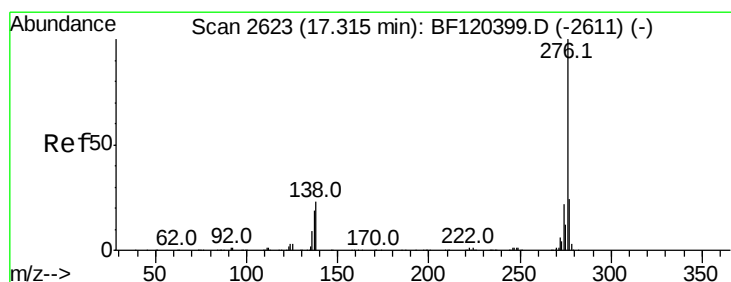
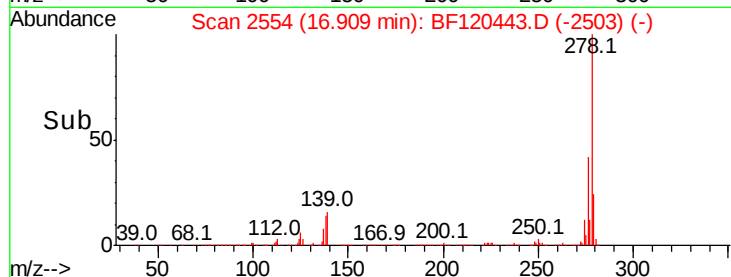
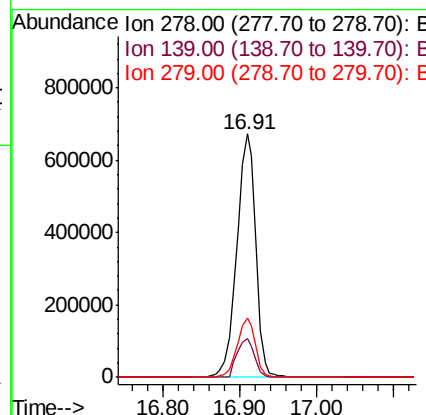
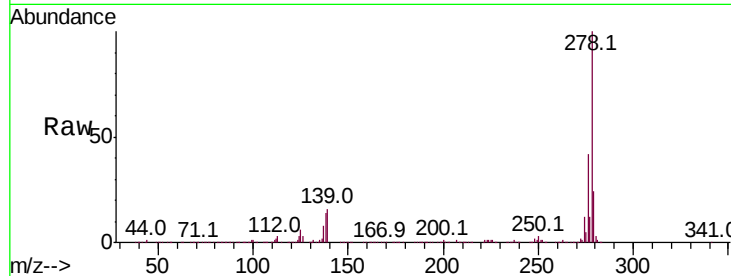
#91
Dibenzo(a,h)anthracene
Concen: 45.081 ng
RT: 16.91 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	24.2	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.552 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	21.1	18.1	27.1

