

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119571.D
 Acq On : 27 Mar 2020 17:05
 Operator : CG/JU
 Sample : PB127859BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Manual Integrations
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mohammad
 3/31/2020 8:15:08 AM

Quant Time: Mar 28 01:12:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234070	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	921649	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	494148	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	959568	20.00	ng	0.00
76) Chrysene-d12	14.01	240	681251	20.00	ng	0.00
87) Perylene-d12	15.47	264	598958	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1153306	78.44	ng	0.01
7) Phenol-d6	6.46	99	1487537	79.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	1404241	82.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	464343	91.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2586429	77.54	ng	0.00
79) Terphenyl-d14	12.96	244	2970920	85.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	280436	38.617	ng	99
3) Pyridine	3.39	79	688700	34.424	ng	95
4) n-Nitrosodimethylamine	3.34	42	406249	41.639	ng	94
6) Aniline	6.49	93	782701	30.193	ng	99
8) 2-Chlorophenol	6.62	128	679543	44.003	ng	99
9) Benzaldehyde	6.38	77	454006	38.103	ng	96
10) Phenol	6.47	94	877868	43.802	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	645983	40.300	ng	97
12) 1,3-Dichlorobenzene	6.77	146	683798	40.911	ng	96
13) 1,4-Dichlorobenzene	6.85	146	696098	41.637	ng	99
14) 1,2-Dichlorobenzene	7.00	146	652190	41.736	ng	98
15) Benzyl Alcohol	6.97	79	587927	41.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1231041	38.075	ng	99
17) 2-Methylphenol	7.09	107	550148	38.881	ng	98
18) Hexachloroethane	7.35	117	286638	46.785	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	473614	41.833	ng	97
20) 3+4-Methylphenols	7.23	107	690639	39.828	ng	94
22) Acetophenone	7.25	105	894097	40.599	ng	# 99
24) Nitrobenzene	7.42	77	751150	41.447	ng	98
25) Isophorone	7.66	82	1325881	38.542	ng	99
26) 2-Nitrophenol	7.73	139	364602	51.095	ng	90
27) 2,4-Dimethylphenol	7.77	122	634646	43.012	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	835531	41.074	ng	100
29) 2,4-Dichlorophenol	7.97	162	569611	42.015	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	599864	40.009	ng	98
31) Naphthalene	8.14	128	1915812	40.393	ng	99
32) Benzoic acid	7.89	122	454177	47.852	ng	97
33) 4-Chloroaniline	8.19	127	473060	21.767	ng	98
34) Hexachlorobutadiene	8.26	225	341672	40.729	ng	99
35) Caprolactam	8.56	113	179458m	40.445	ng	
36) 4-Chloro-3-methylphenol	8.67	107	628999	42.449	ng	96
37) 2-Methylnaphthalene	8.83	142	1322336	42.482	ng	99
38) 1-Methylnaphthalene	8.93	142	1248158	42.364	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	575011	39.700	ng	99

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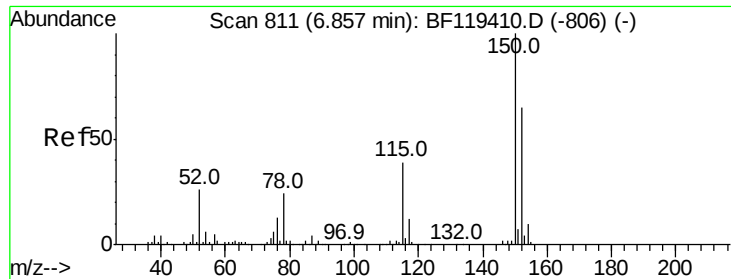
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	709708	86.190	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	434730	41.942	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	447544	38.544	nq	96
46) 1,1'-Biphenyl	9.30	154	1589903	39.505	nq	99
47) 2-Chloronaphthalene	9.32	162	1245975	39.523	nq	100
48) 2-Nitroaniline	9.42	65	456538	41.956	nq	100
49) Acenaphthylene	9.74	152	2008251	40.566	nq	98
50) Dimethylphthalate	9.60	163	1459719	41.588	nq	99
51) 2,6-Dinitrotoluene	9.66	165	333433	44.320	nq	97
52) Acenaphthene	9.92	154	1338009	43.354	nq	99
53) 3-Nitroaniline	9.83	138	254190	26.762	nq	94
54) 2,4-Dinitrophenol	9.93	184	304507	92.309	nq	91
55) Dibenzofuran	10.09	168	1799100	40.659	nq	99
56) 4-Nitrophenol	9.99	139	575457	76.801	nq	90
57) 2,4-Dinitrotoluene	10.06	165	445904	47.049	nq	99
58) Fluorene	10.43	166	1367726	41.799	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	375237	43.234	nq	98
60) Diethylphthalate	10.30	149	1516836	42.579	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	675941	42.243	nq	98
62) 4-Nitroaniline	10.45	138	355318	39.011	nq	99
63) Azobenzene	10.58	77	1441440	40.181	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	208613	51.846	nq	99
66) n-Nitrosodiphenylamine	10.54	169	1266076	40.191	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	440891	40.344	nq	99
68) Hexachlorobenzene	10.97	284	472143	42.213	nq	100
69) Atrazine	11.07	200	384823	44.560	nq	99
70) Pentachlorophenol	11.17	266	523912	79.886	nq	98
71) Phenanthrene	11.39	178	1963234	39.457	nq	99
72) Anthracene	11.45	178	2066250	40.860	nq	99
73) Carbazole	11.60	167	1893299	37.825	nq	99
74) Di-n-butylphthalate	11.93	149	2373355	44.325	nq	100
75) Fluoranthene	12.58	202	2161212	40.135	nq	100
77) Benzidine	12.70	184	1041792	36.135	nq	99
78) Pyrene	12.81	202	2182809	39.042	nq	100
80) Butylbenzylphthalate	13.43	149	1004598	44.426	nq	99
81) Benzo(a)anthracene	14.00	228	1741302	39.306	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	463934	26.560	nq	98
83) Chrysene	14.04	228	1761890	38.536	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1321001	49.005	nq	98
85) Di-n-octyl phthalate	14.60	149	2317605	48.886	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1519448	35.287	nq	99
88) Benzo(b)fluoranthene	15.04	252	1740060	43.490	nq	99
89) Benzo(k)fluoranthene	15.07	252	1477886	38.792	nq	99
90) Benzo(a)pyrene	15.41	252	1407331	38.705	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1272939	40.025	nq	97
92) Benzo(g,h,i)perylene	17.38	276	1261191	39.473	nq	97

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



#1

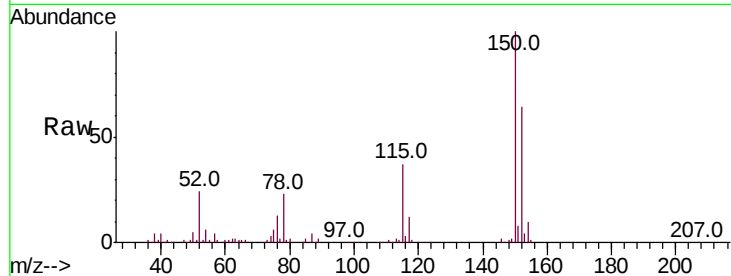
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
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PB127859BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.5	186.7
115	58.0	49.6	74.4

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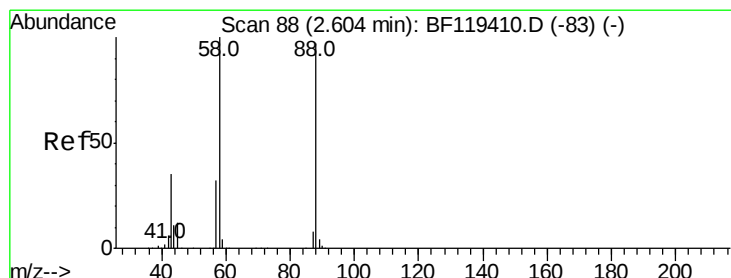
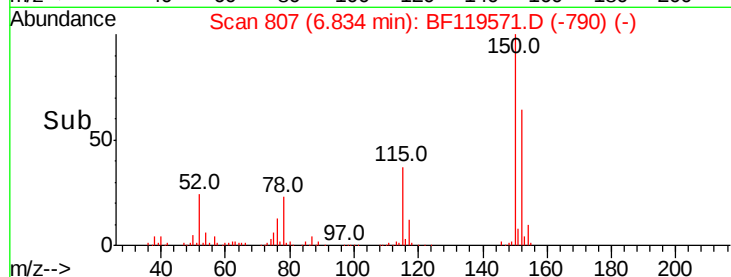
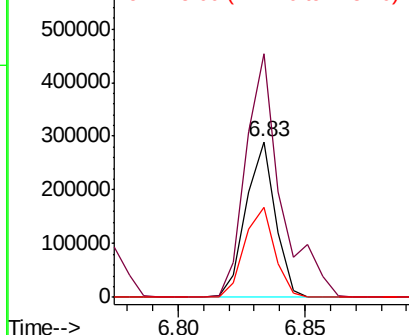


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

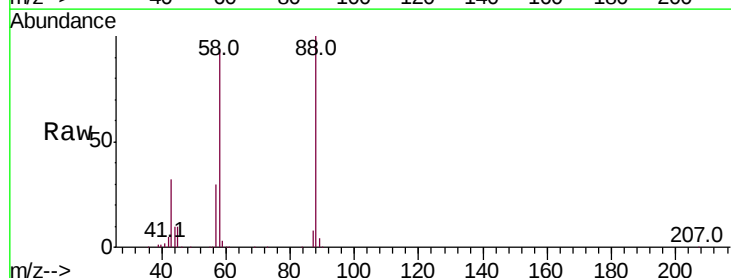
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.617 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.10 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.7	80.6	121.0
43	33.7	27.5	41.3

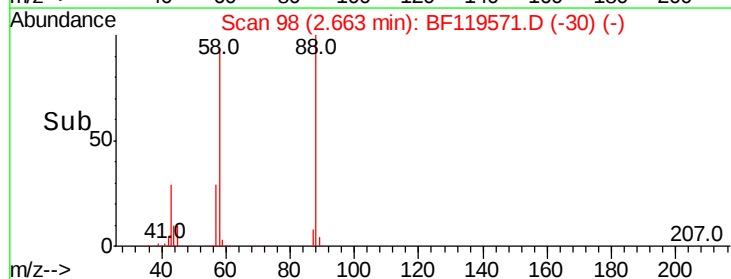
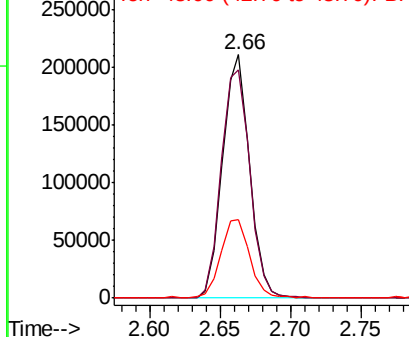


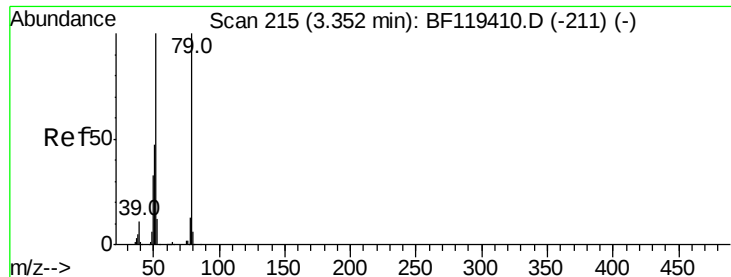
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.424 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF119571.D

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Instrument :

BNA_F

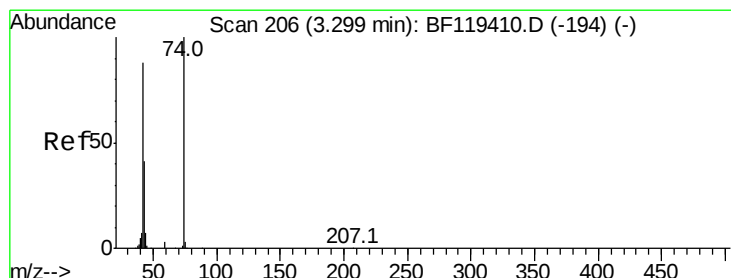
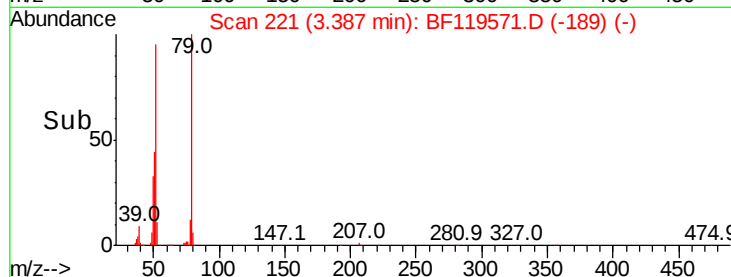
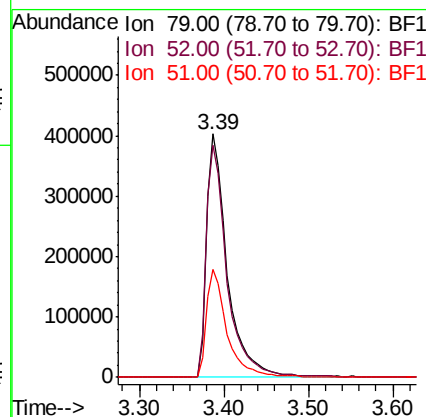
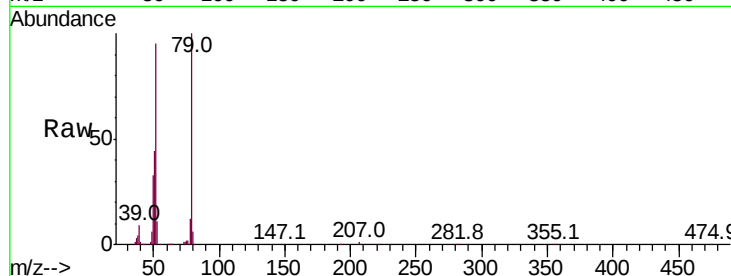
ClientSampleId :

PB127859BS

Tot Ion:	79	Resp:	688700
Ion Ratio	Lower	Upper	
79	100		
52	95.2	80.2	120.2
51	44.2	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 41.639 ng

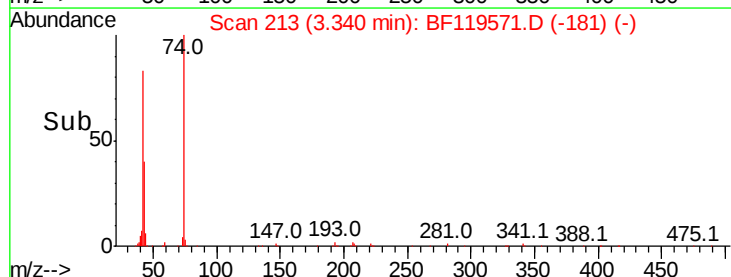
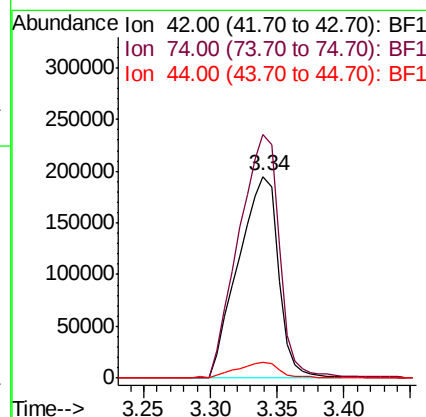
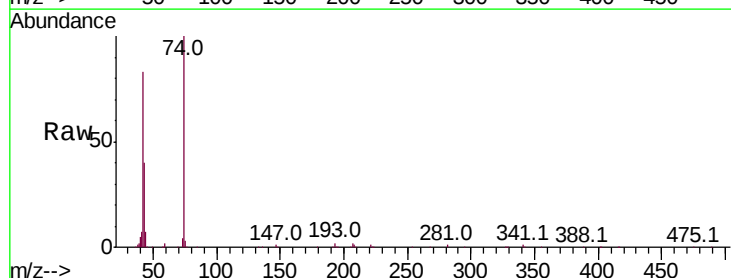
RT: 3.34 min Scan# 213

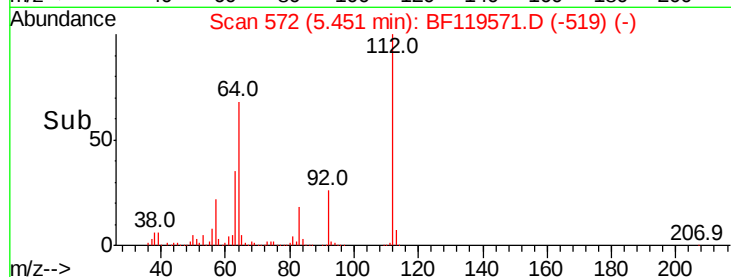
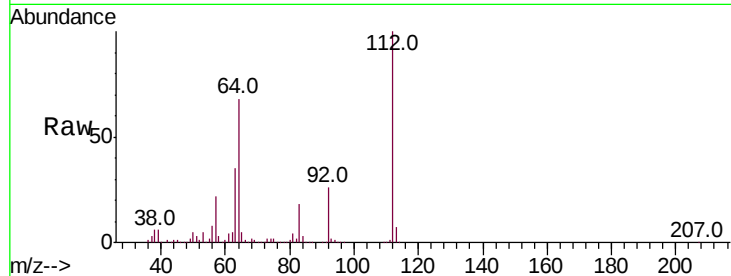
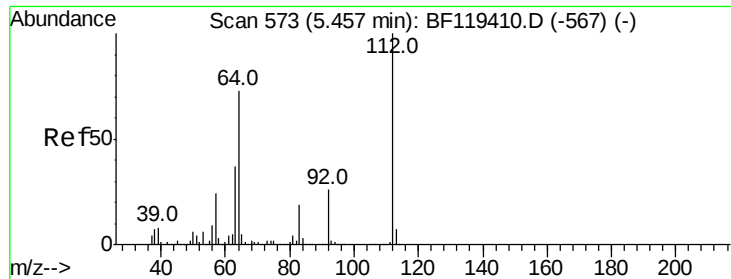
Delta R.T. 0.09 min

Lab File: BF119571.D

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Tgt Ion:	42	Resp:	406249
Ion Ratio	Lower	Upper	
42	100		
74	120.9	91.5	137.3
44	8.1	6.2	9.4





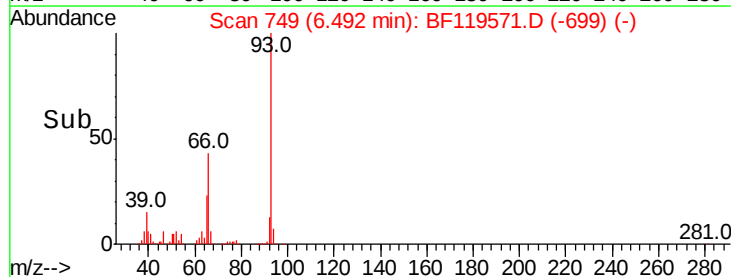
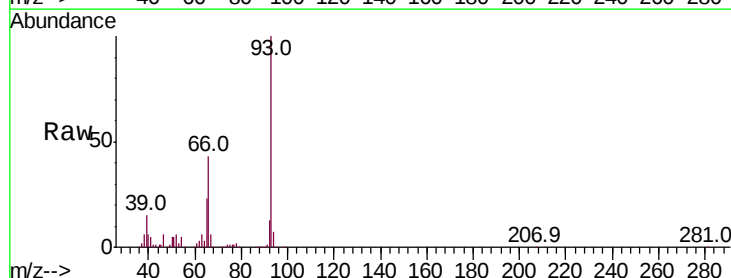
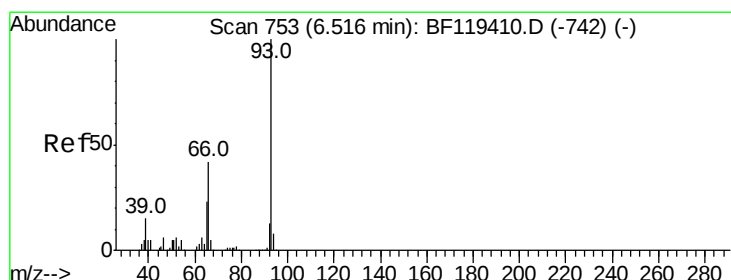
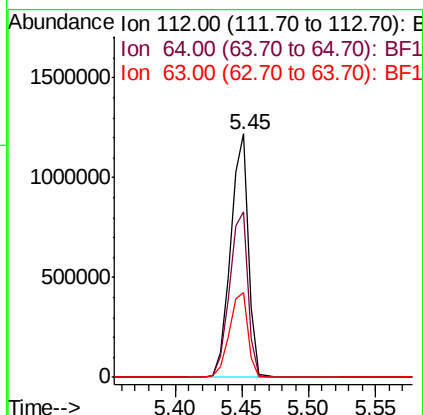
#5
2-Fluorophenol
Concen: 78.436 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tot Ion: 112 Resp: 1153306
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 34.9 29.5 44.3

Instrument :
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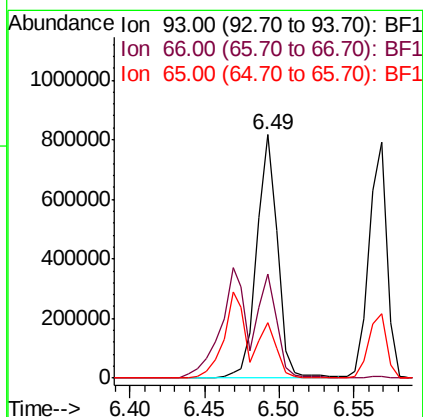
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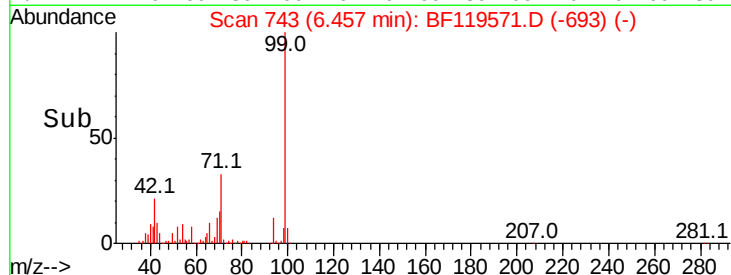
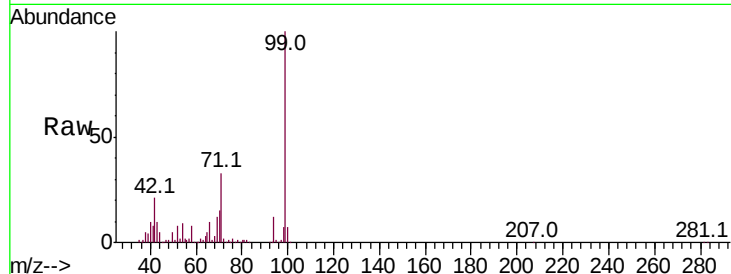
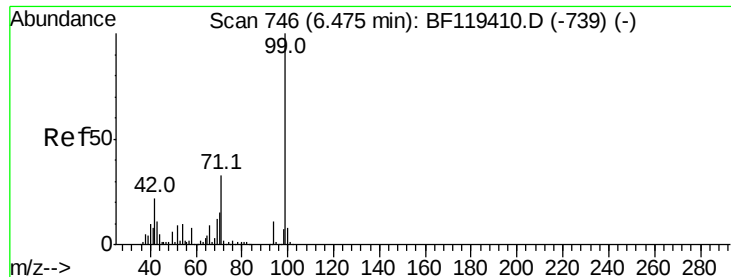
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#6
Aniline
Concen: 30.193 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 93 Resp: 782701
Ion Ratio Lower Upper
93 100
66 43.0 34.9 52.3
65 23.0 18.6 27.8





#7

Phenol-d6

Concen: 79.196 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tot Ion:	99	Resp:	1487537
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	33.0	26.4	39.6

Instrument :

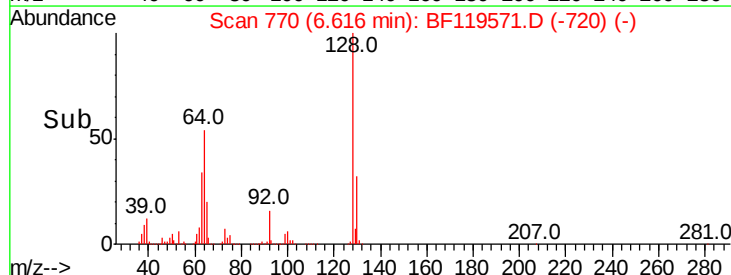
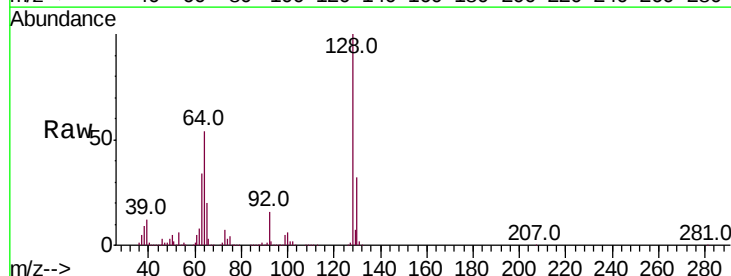
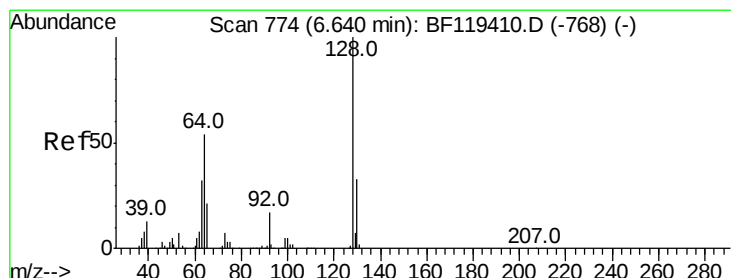
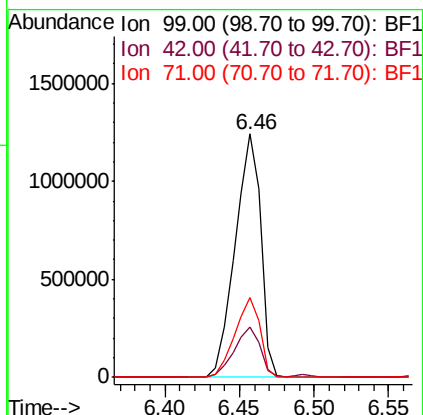
BNA_F

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#8

2-Chlorophenol

Concen: 44.003 ng

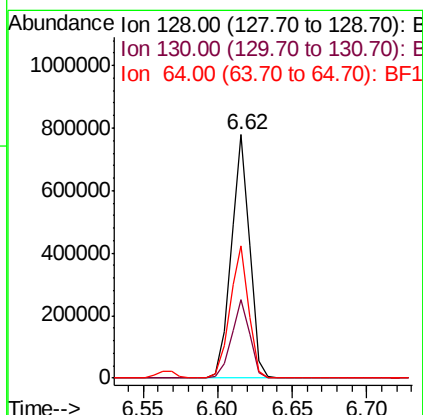
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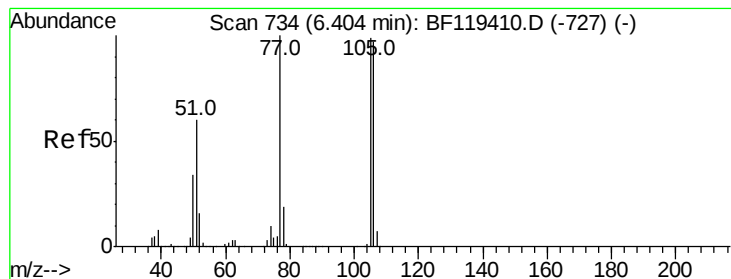
Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion:	128	Resp:	679543
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	54.1	35.3	75.3





#9

Benzaldehyde

Concen: 38.103 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

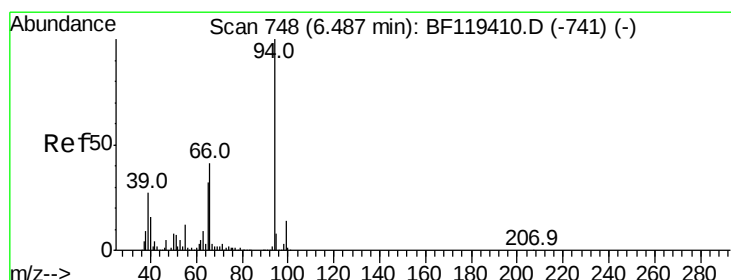
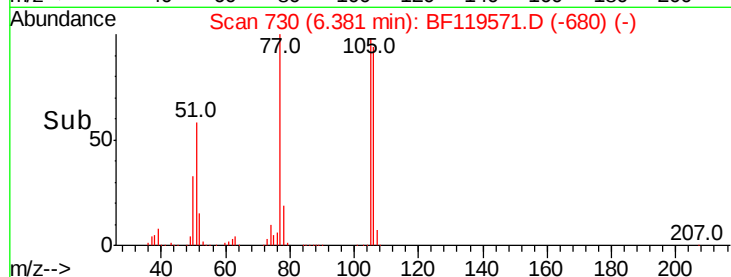
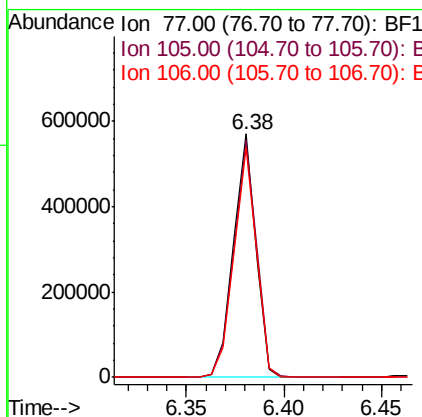
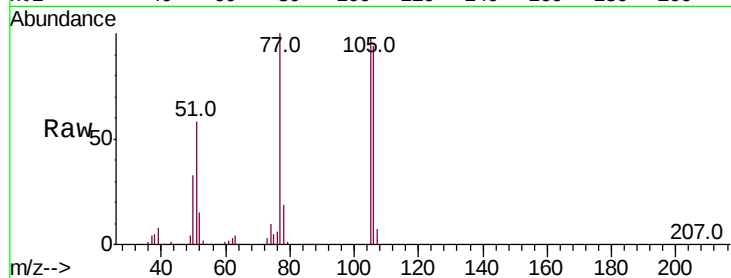
ClientSampleId :

PB127859BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	80.9	120.9
106	94.0	77.9	117.9

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#10

Phenol

Concen: 43.802 ng

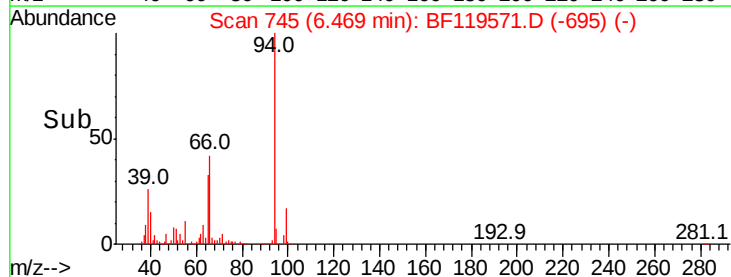
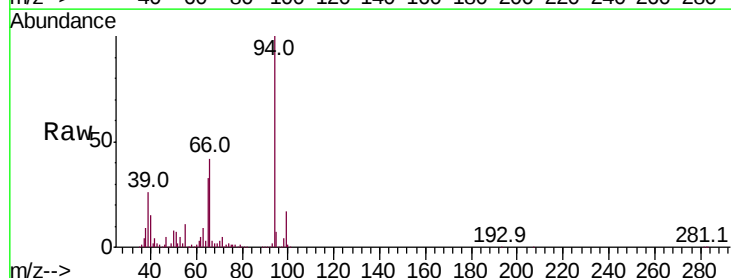
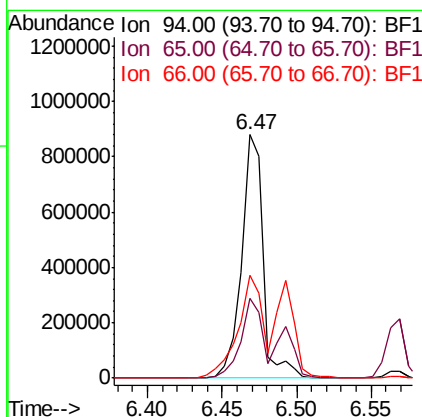
RT: 6.47 min Scan# 745

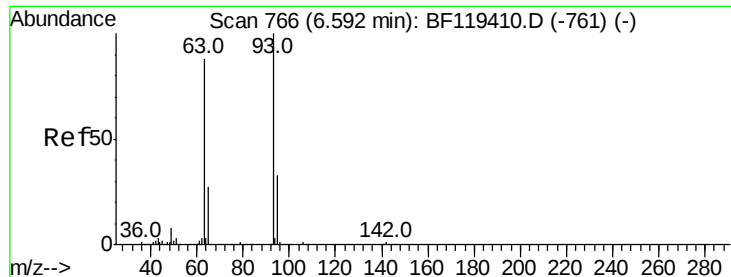
Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	13.2	53.2
66	42.2	22.3	62.3





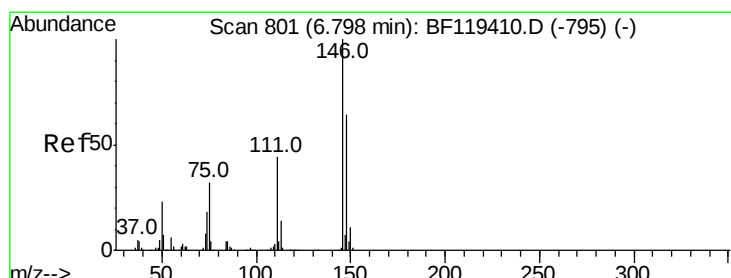
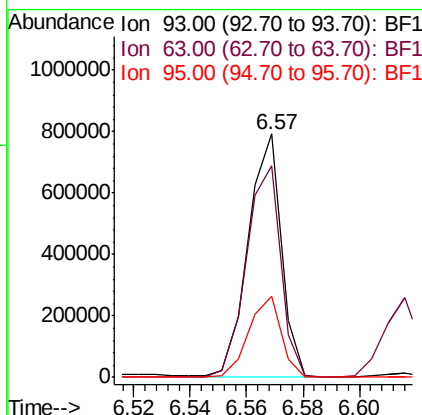
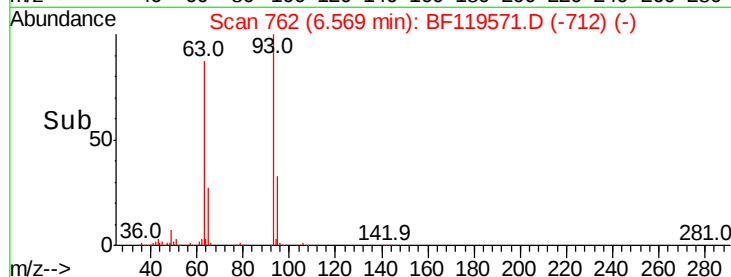
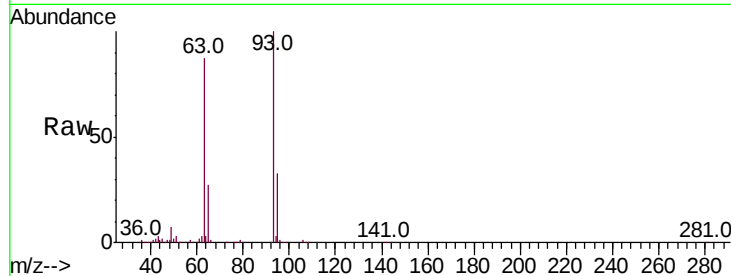
#11
bis(2-Chloroethyl)ether
Concen: 40.300 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.9	70.2	110.2
95	33.1	13.4	53.4

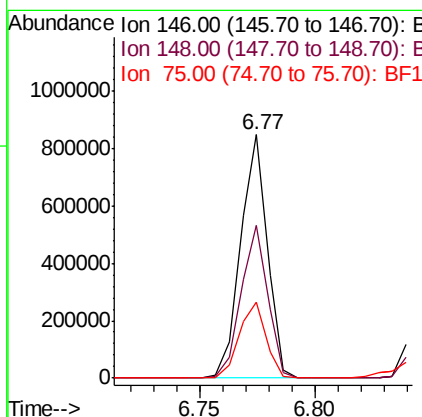
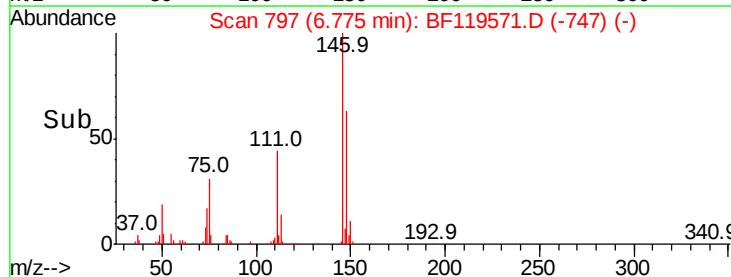
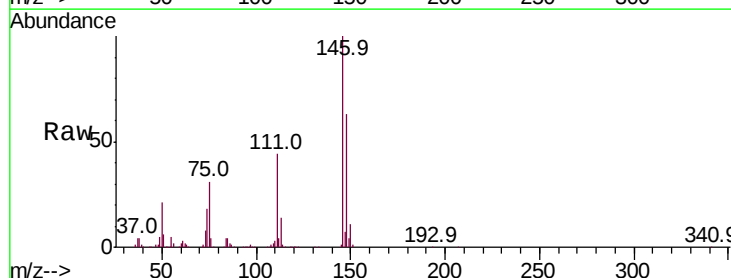
Manual Integrations
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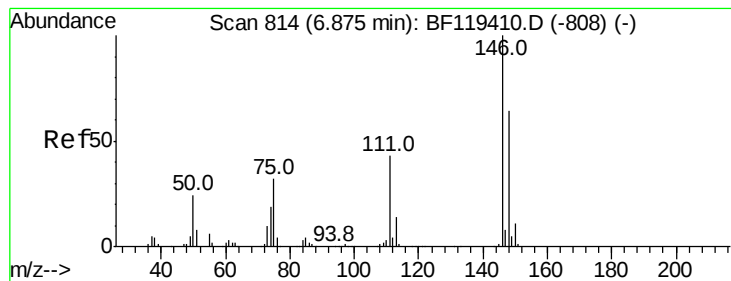
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.911 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
75	31.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 41.637 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

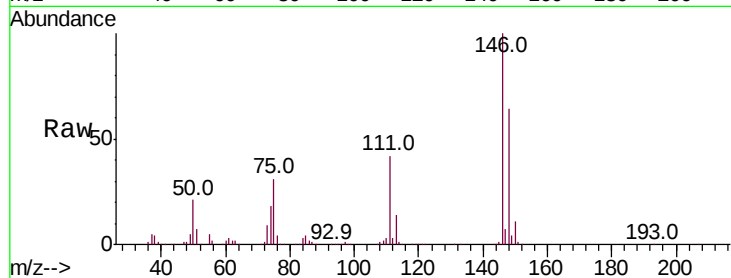
ClientSampled :

PB127859BS

Tot Ion:	146	Resp:	696098
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.5	77.3
111	42.4	33.3	49.9

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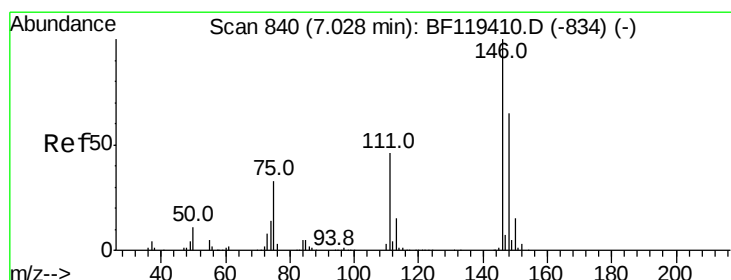
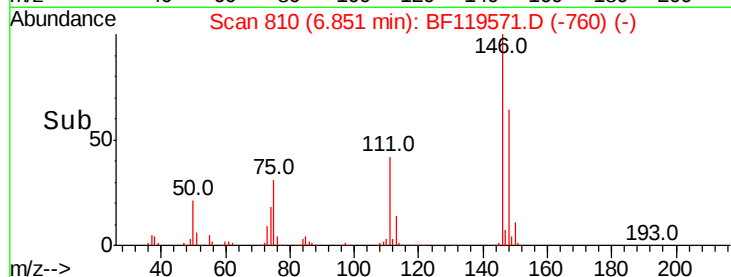
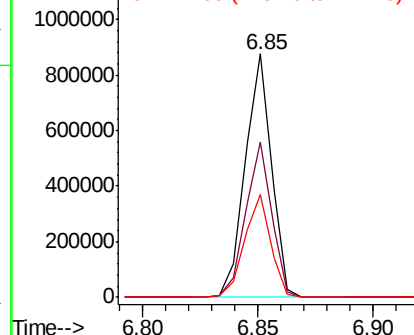


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.736 ng

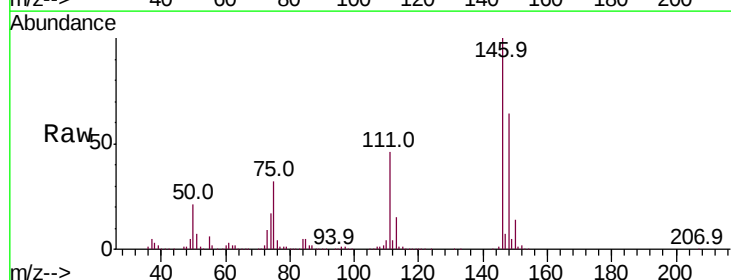
RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion:	146	Resp:	652190
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	46.3	36.1	54.1

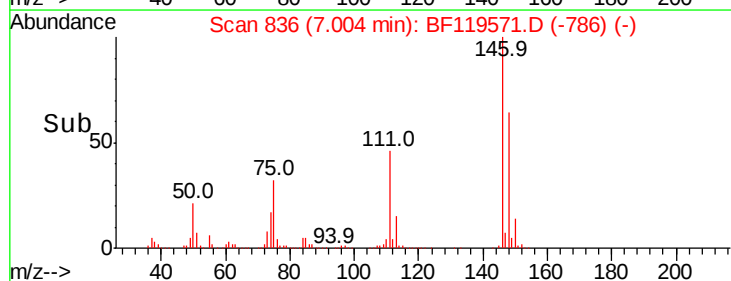
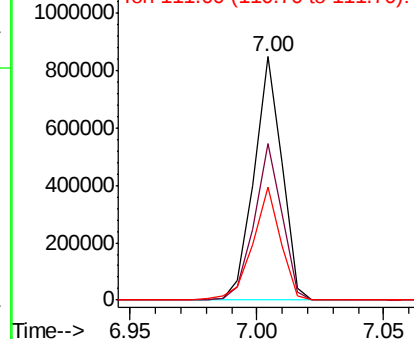


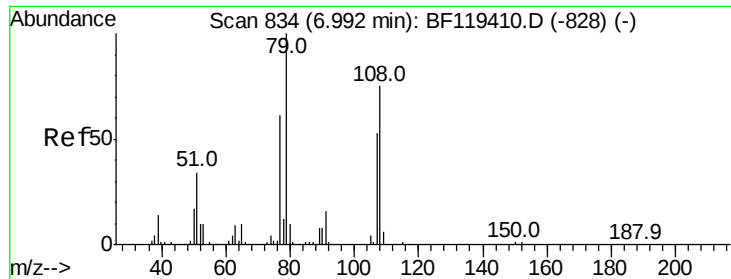
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.611 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

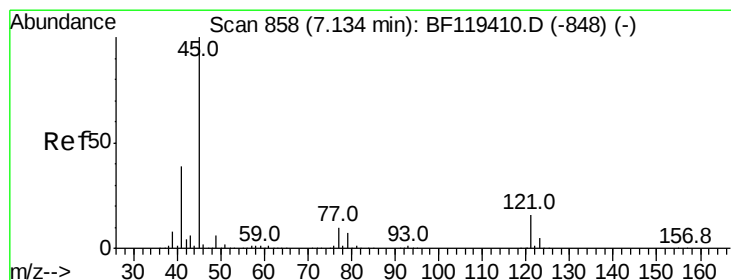
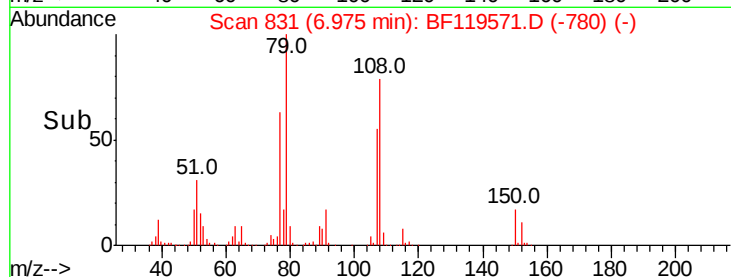
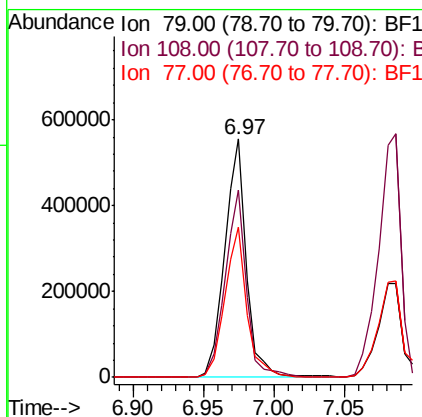
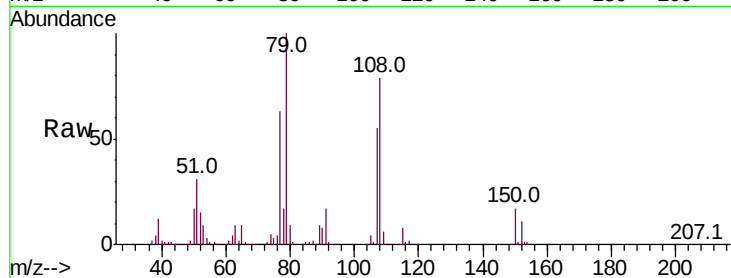
ClientSampleId :

PB127859BS

Tot Ion:	79	Resp:	587927
Ion Ratio	Lower	Upper	
79	100		
108	78.8	60.6	90.8
77	63.4	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.075 ng

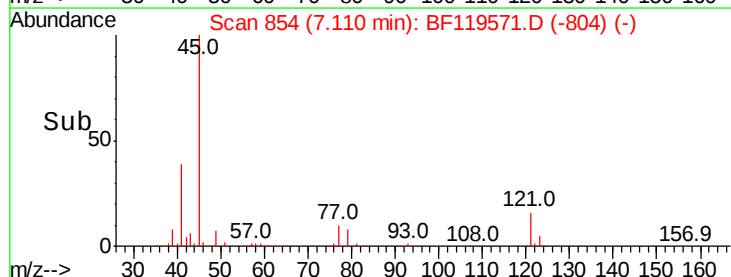
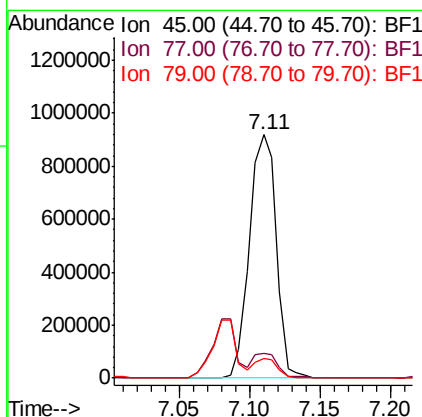
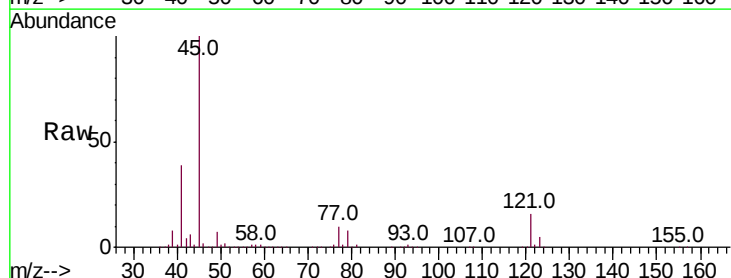
RT: 7.11 min Scan# 854

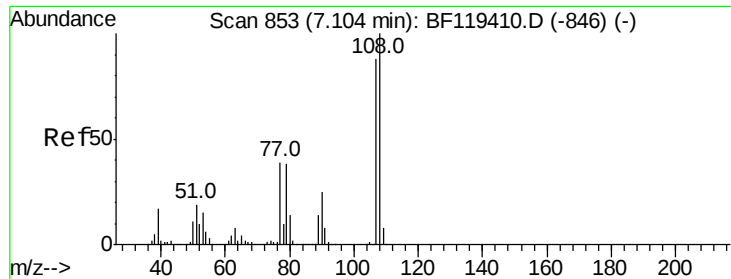
Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion:	45	Resp:	1231041
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.7
79	8.3	0.0	28.2





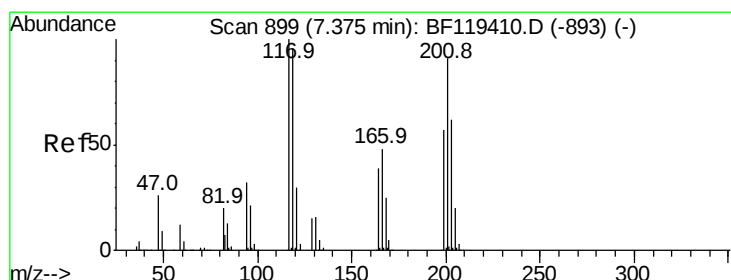
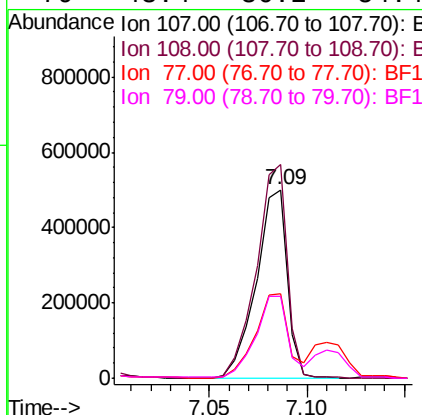
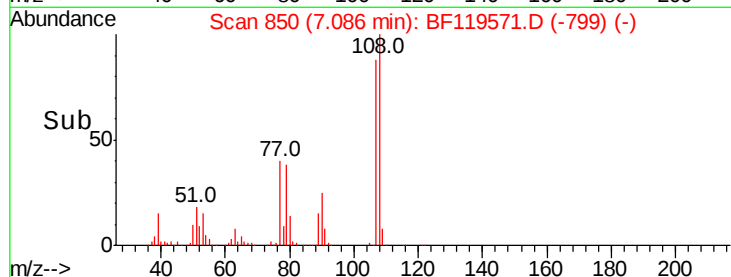
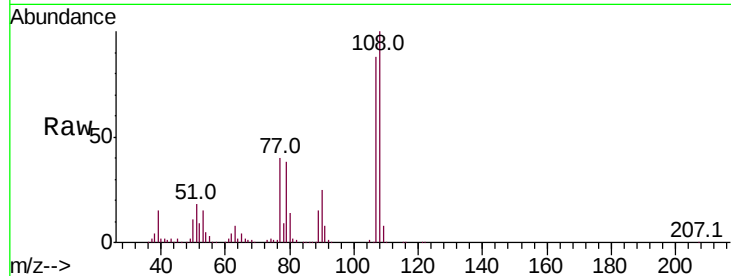
#17
2-Methylphenol
Concen: 38.881 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion:	107	Resp:	550148
Ion Ratio	Lower	Upper	
107	100		
108	113.2	92.2	138.4
77	45.0	36.6	54.8
79	43.4	36.2	54.4

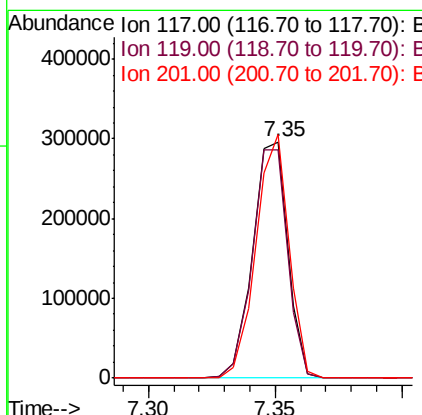
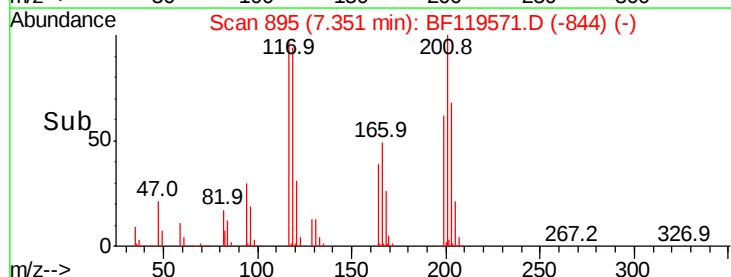
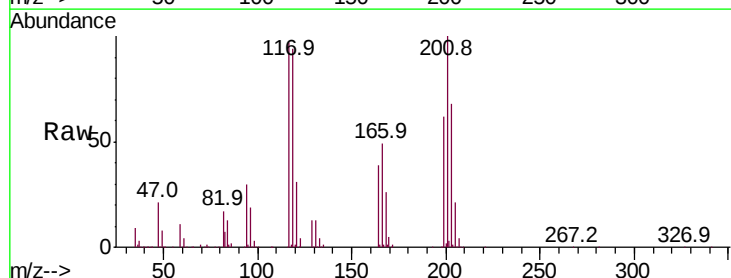
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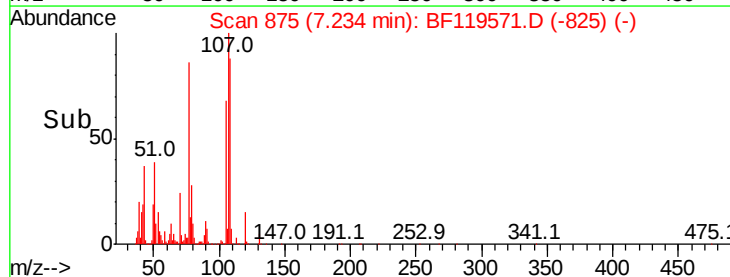
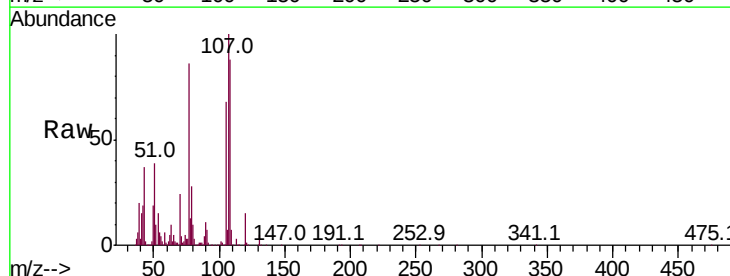
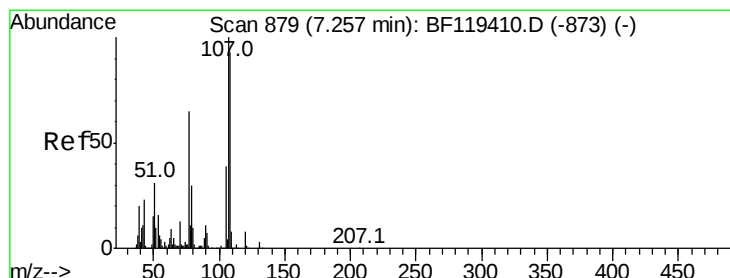
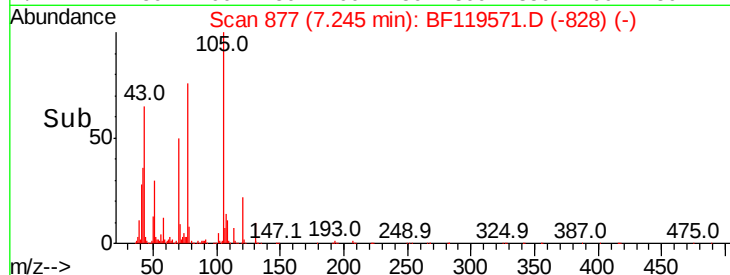
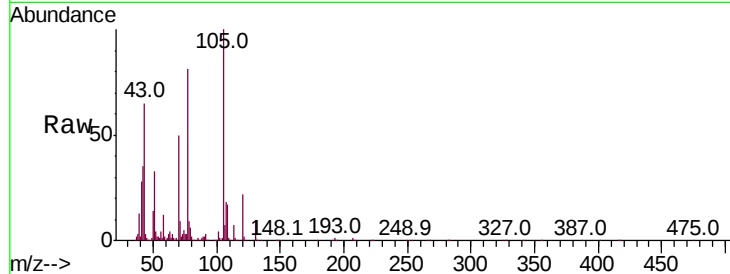
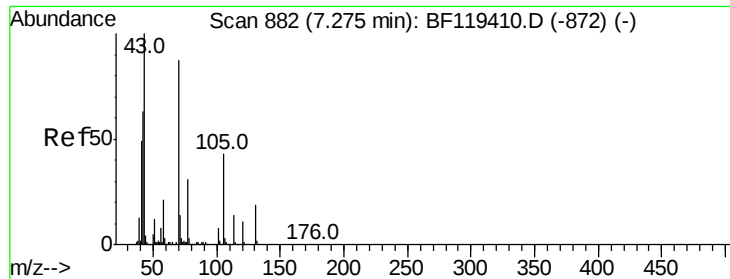
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#18
Hexachloroethane
Concen: 46.785 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:	117	Resp:	286638
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.1	114.1
201	103.0	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.833 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119571.D

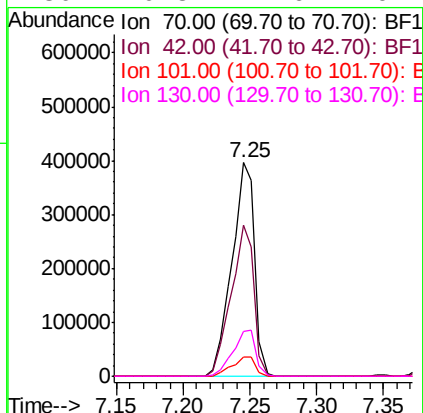
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.7	54.5	81.7
101	9.0	7.6	11.4
130	20.8	17.6	26.4

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#20

3+4-Methylphenols

Concen: 39.828 ng

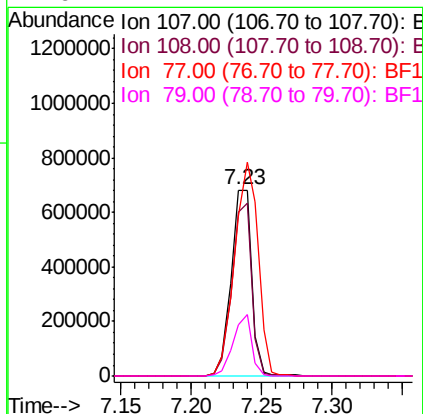
RT: 7.23 min Scan# 875

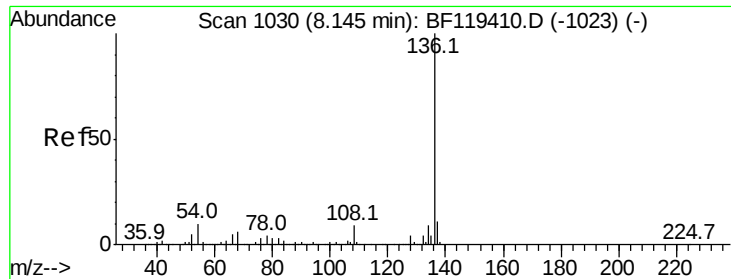
Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	85.7	52.9	92.9
79	27.7	7.7	47.7





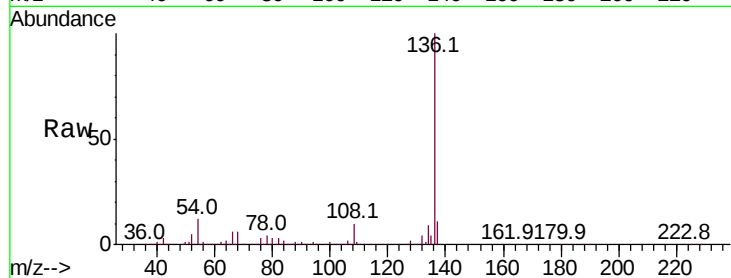
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

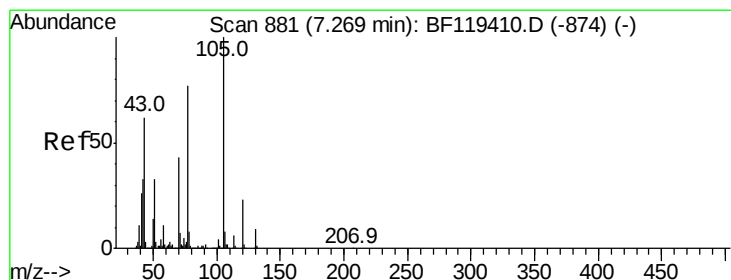
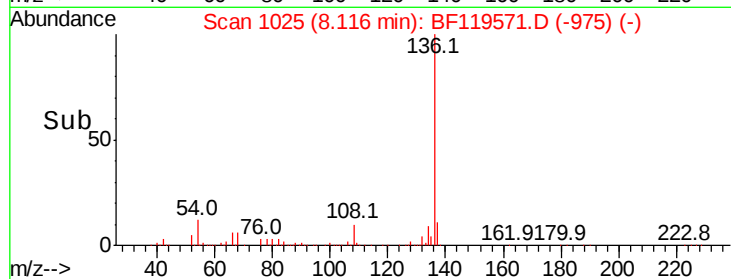
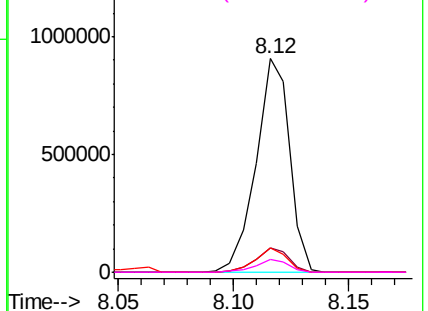
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	11.5	9.1	13.7	
68	5.7	4.6	6.8	

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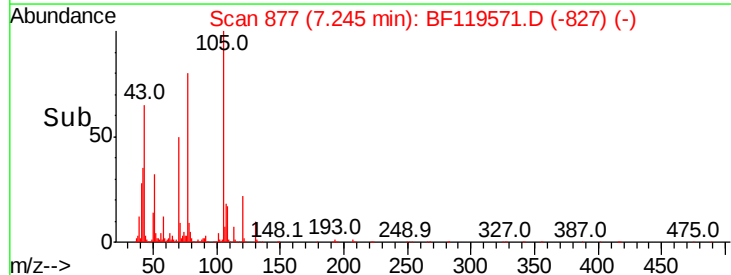
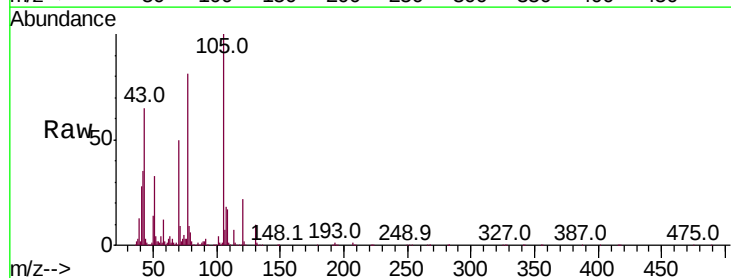
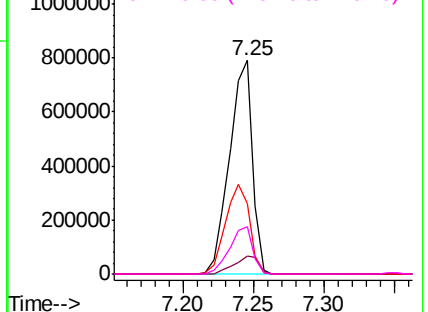
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

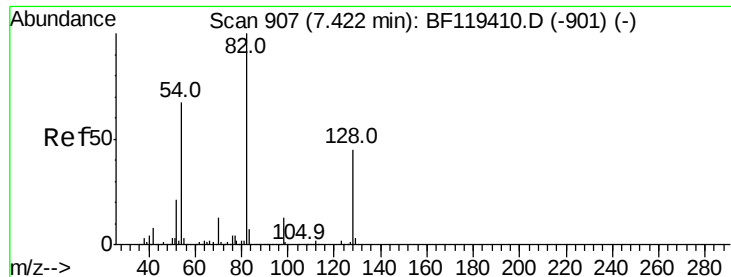


#22
Acetophenone
Concen: 40.599 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	5.7	8.5#	
51	32.9	26.2	39.4	
120	22.3	18.3	27.5	

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





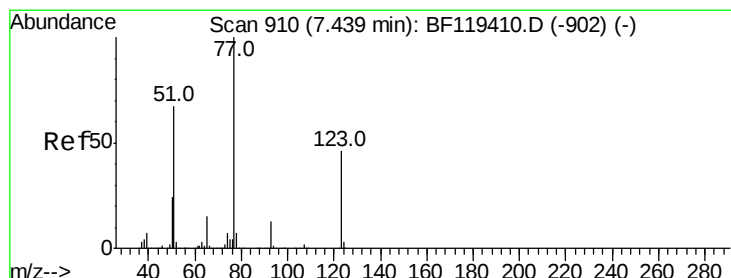
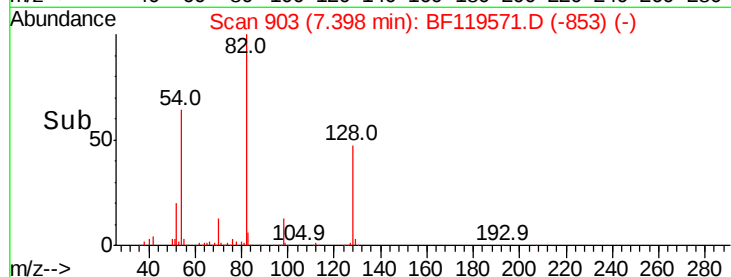
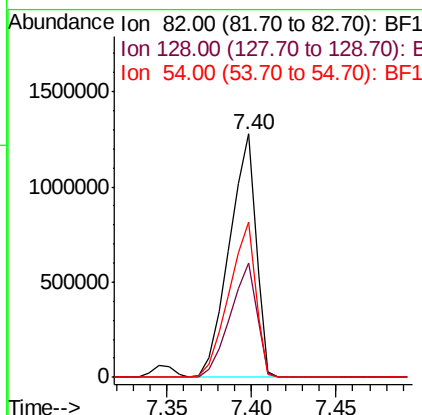
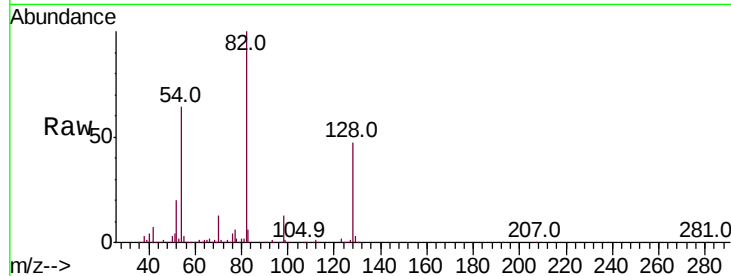
#23
Nitrobenzene-d5
Concen: 82.805 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion: 82 Resp: 1404241
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 63.9 50.6 75.8

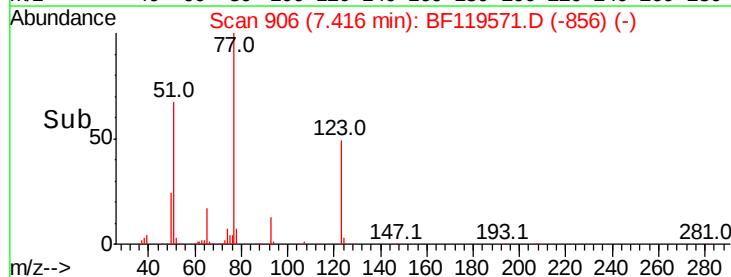
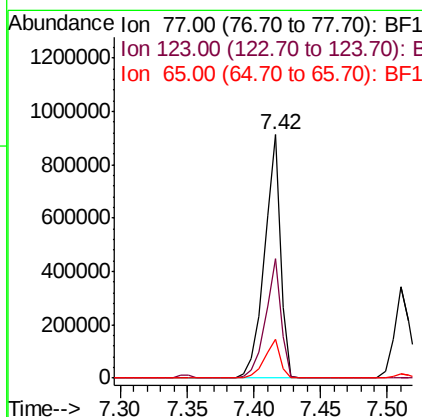
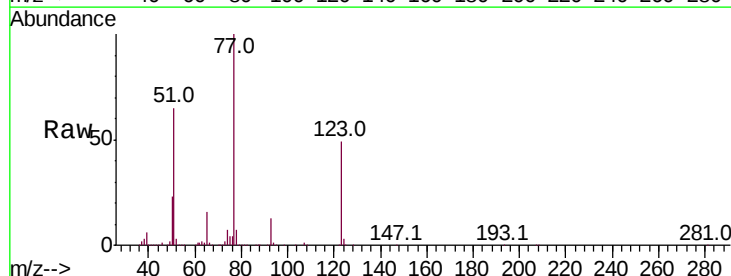
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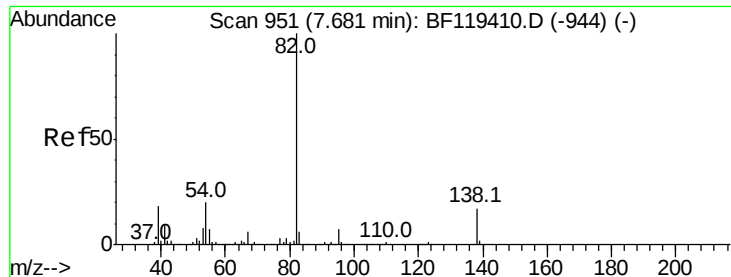
mohammad
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#24
Nitrobenzene
Concen: 41.447 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 77 Resp: 751150
Ion Ratio Lower Upper
77 100
123 49.0 38.0 57.0
65 16.0 12.6 18.8





#25

Isophorone

Concen: 38.542 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tot Ion: 82 Resp: 1325881

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

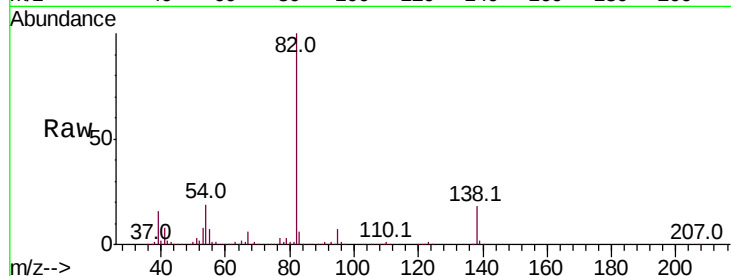
138 17.9 14.6 21.8

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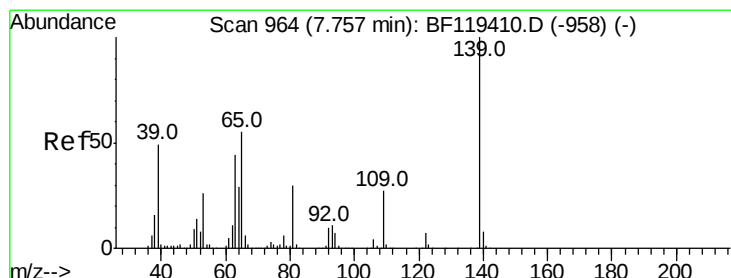
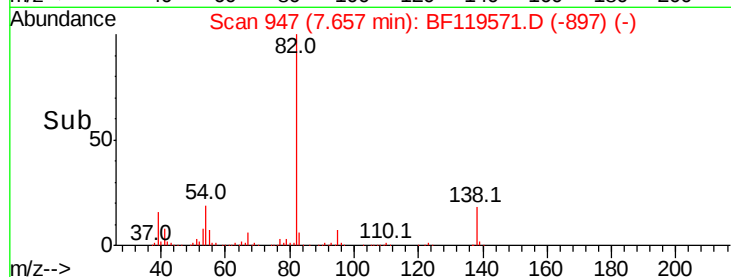
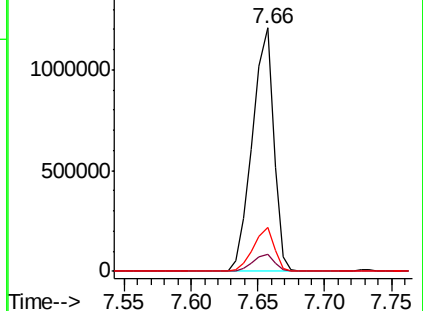
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.095 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

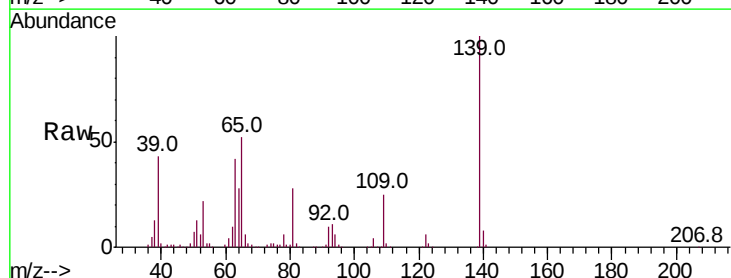
Tgt Ion: 139 Resp: 364602

Ion Ratio Lower Upper

139 100

109 25.0 22.1 33.1

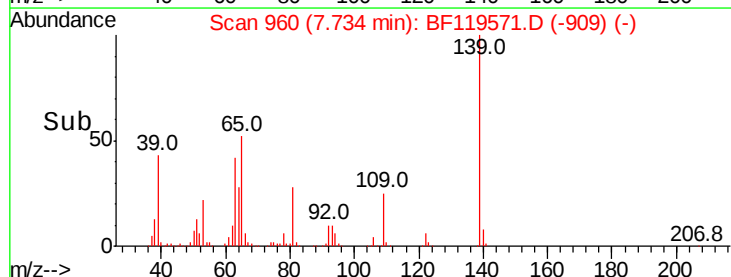
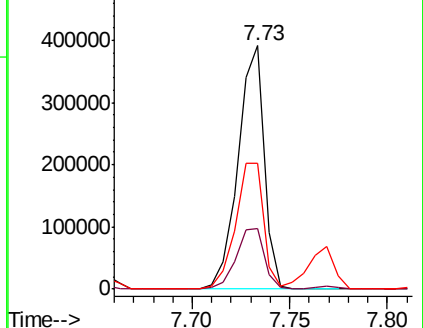
65 51.7 49.2 73.8

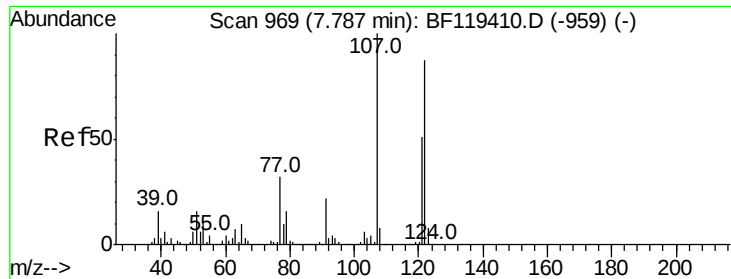


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





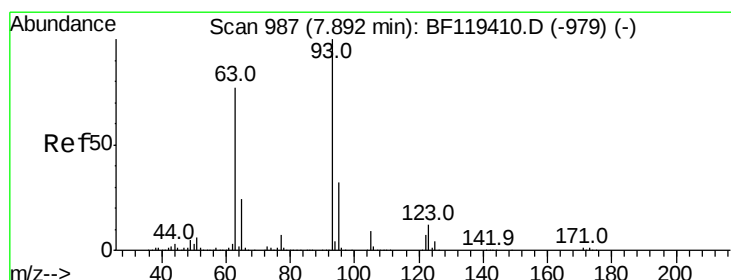
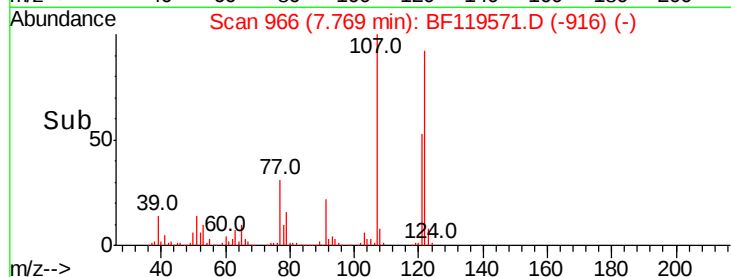
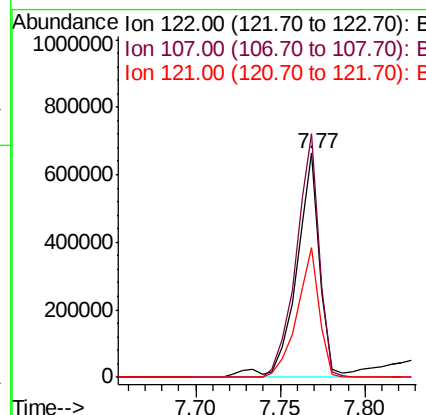
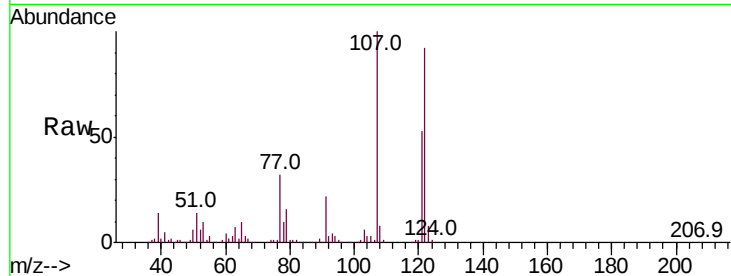
#27
2,4-Dimethylphenol
Concen: 43.012 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.0	133.6
121	58.0	46.7	70.1

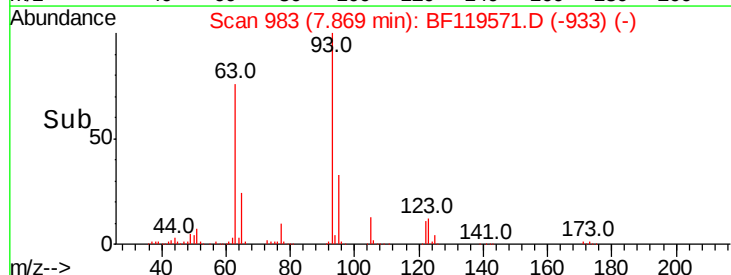
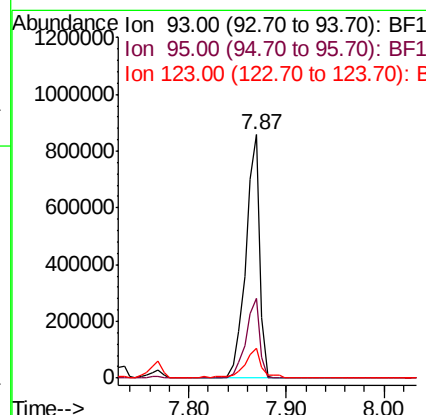
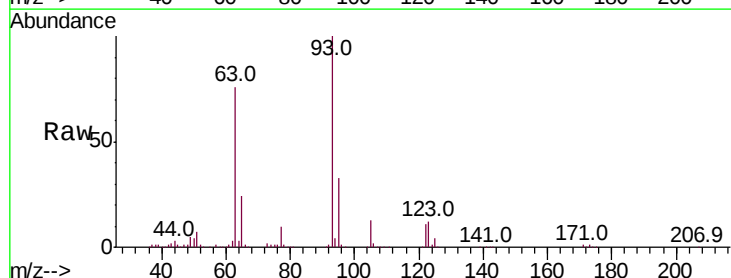
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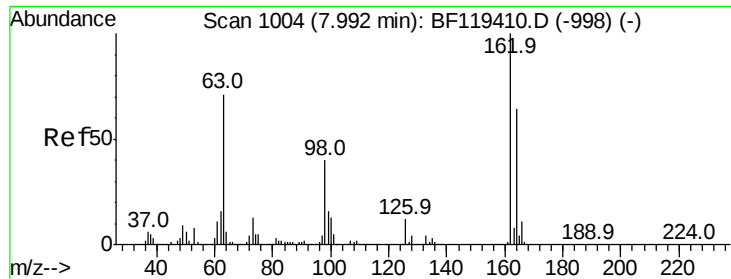
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.074 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.1	9.7	14.5





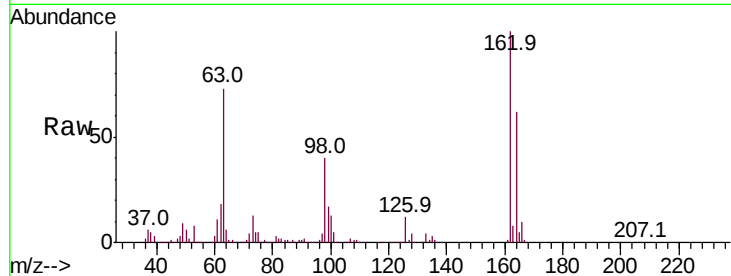
#29
 2,4-Dichlorophenol
 Concen: 42.015 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

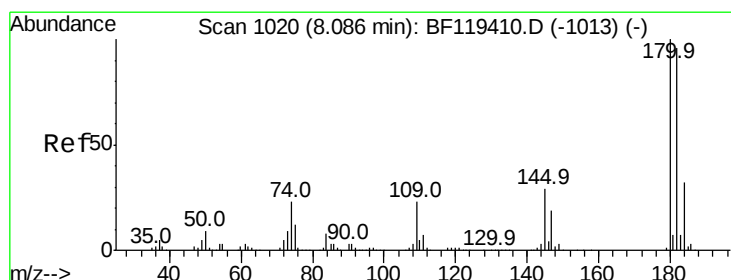
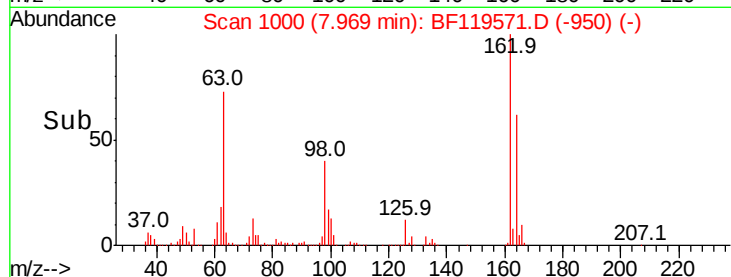
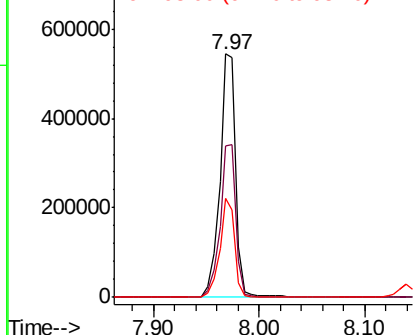
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.4	44.7	84.7
98	40.4	20.7	60.7

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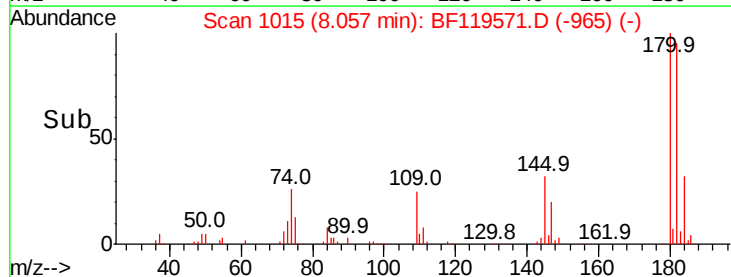
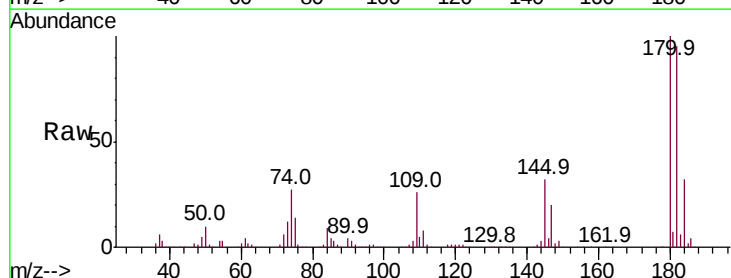
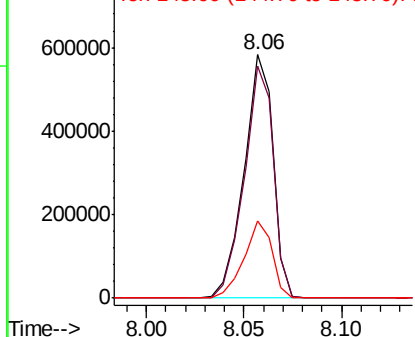
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

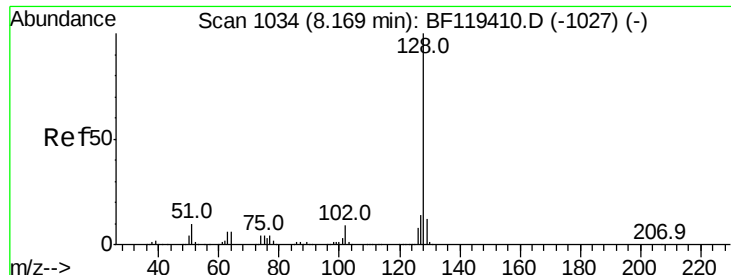


#30
 1,2,4-Trichlorobenzene
 Concen: 40.009 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	74.7	112.1
145	31.7	24.5	36.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





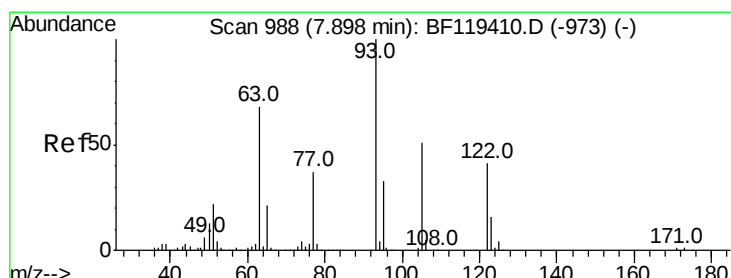
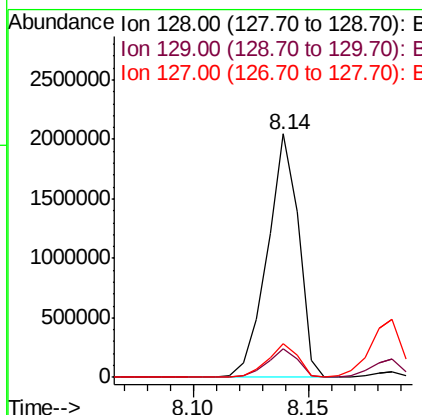
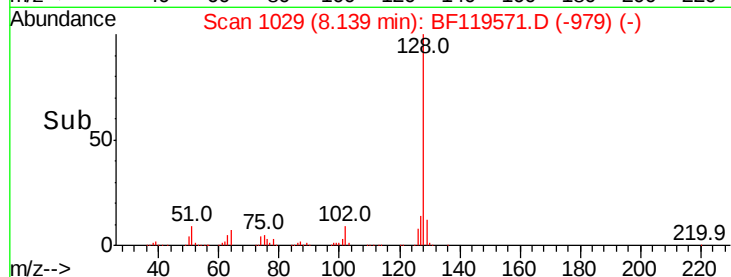
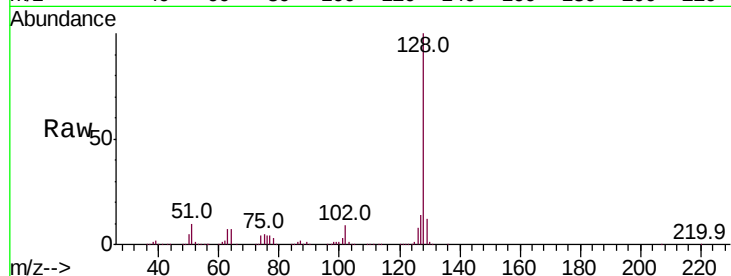
#31
Naphthalene
Concen: 40.393 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampled :
PB127859BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.7	11.3	16.9

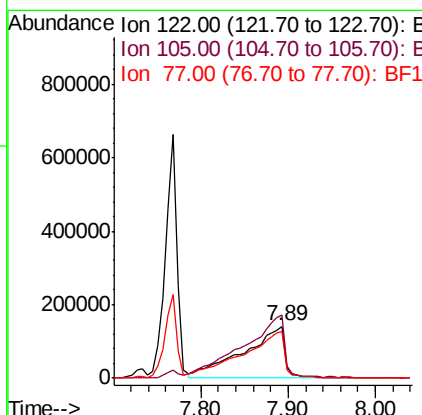
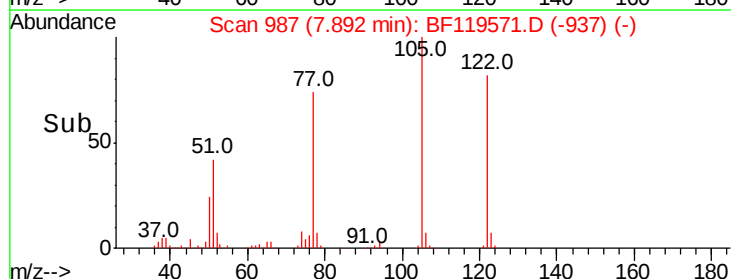
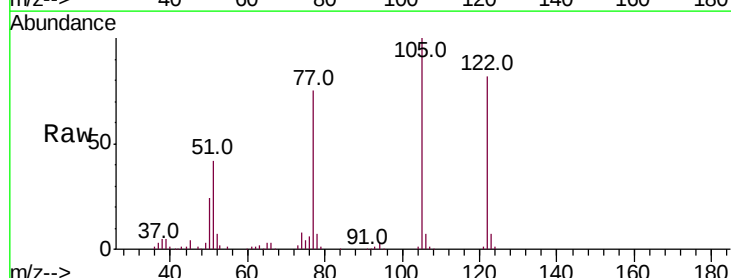
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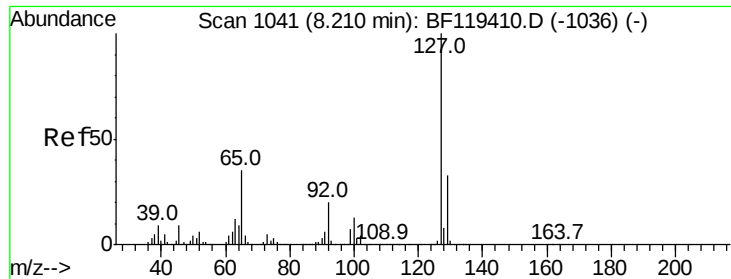
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#32
Benzoic acid
Concen: 47.852 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	104.9	144.9
77	90.7	74.4	114.4





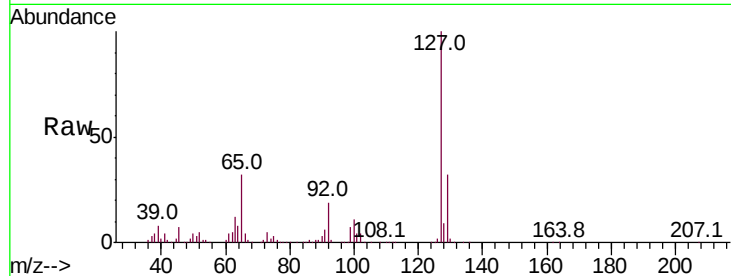
#33
4-Chloroaniline
Concen: 21.767 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	32.5	27.4	41.0
92	19.2	15.3	22.9

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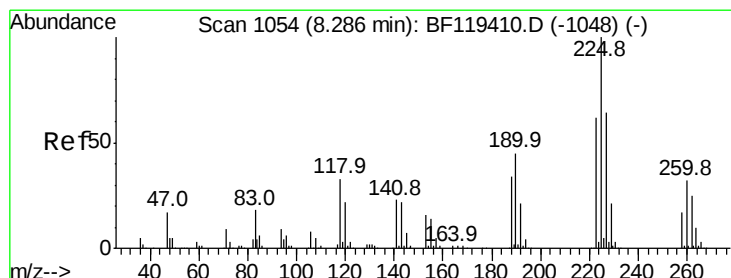
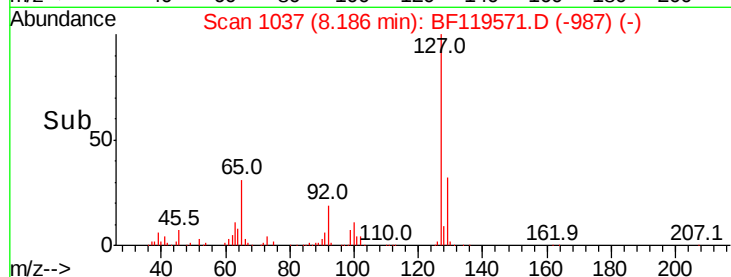
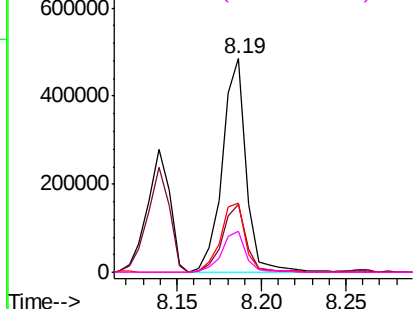
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.729 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

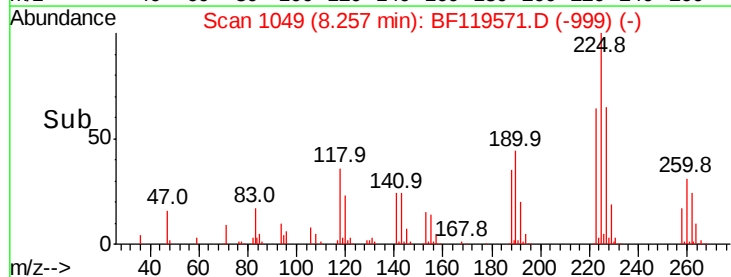
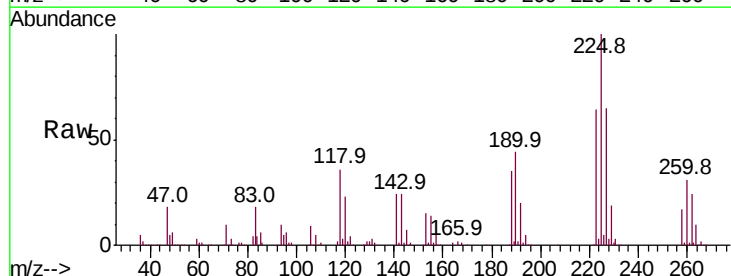
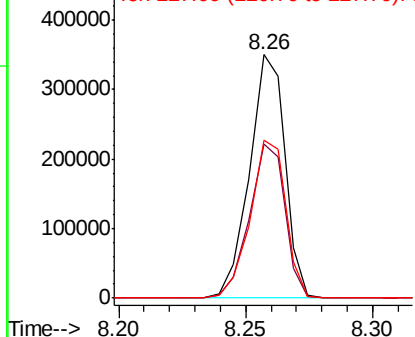
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.6	50.7	76.1

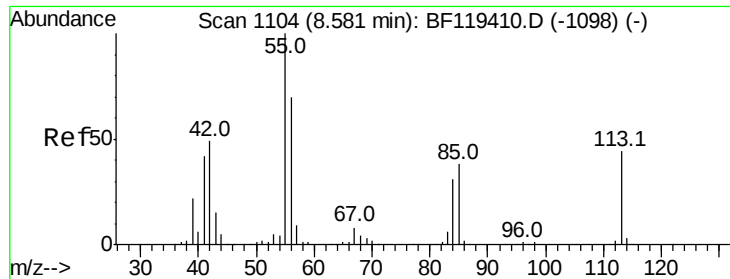
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





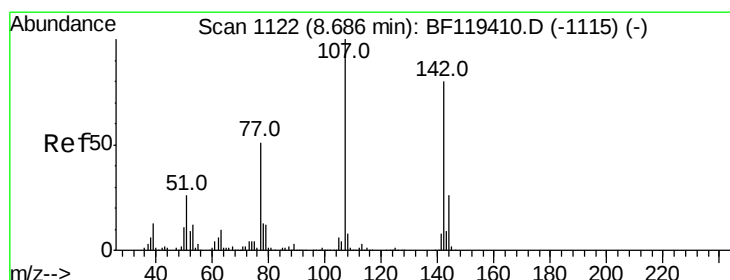
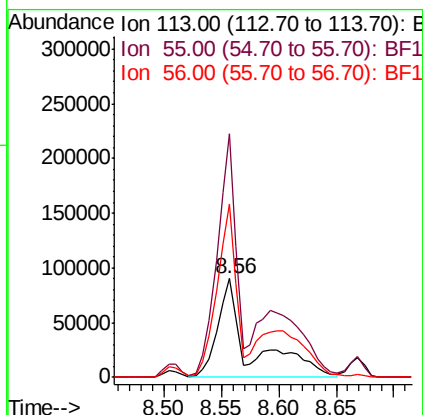
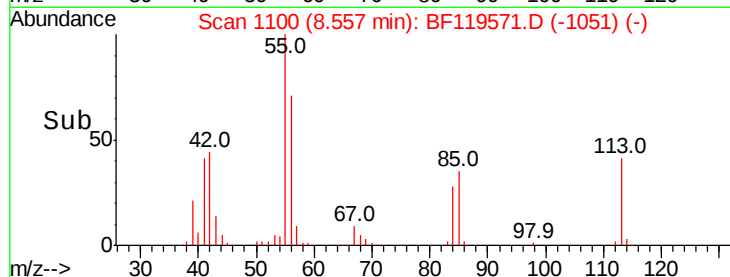
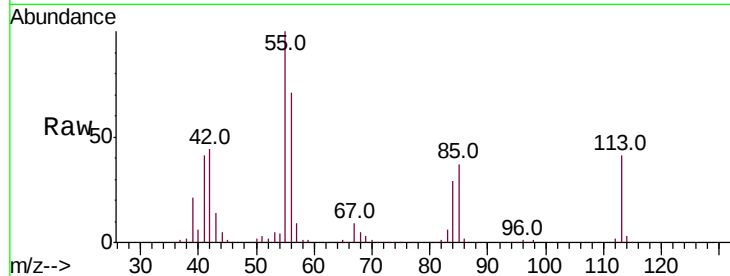
#35
Caprolactam
Concen: 40.445 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	246.6	218.4	258.4
56	175.6	148.9	188.9

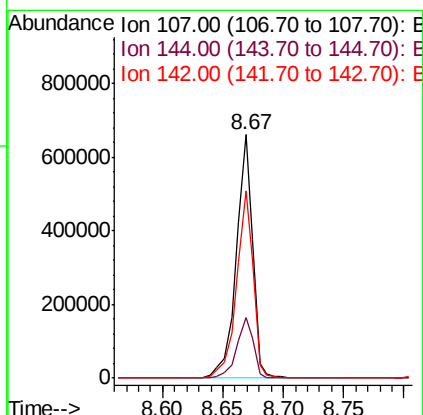
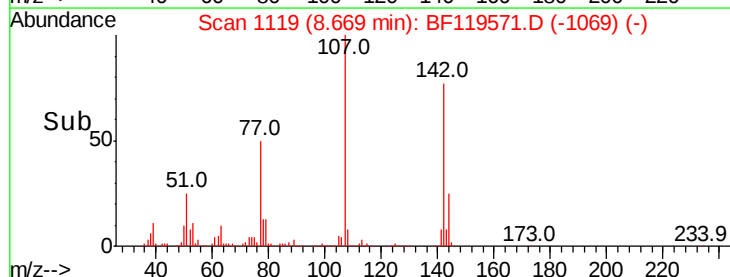
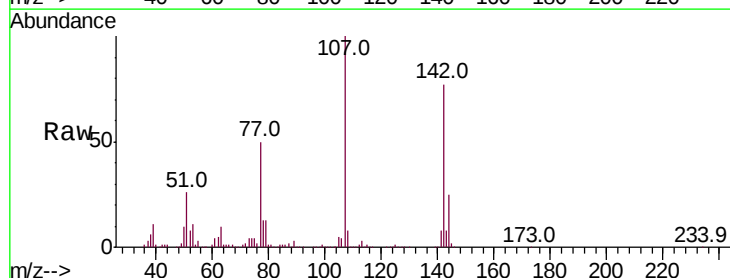
Manual Integrations
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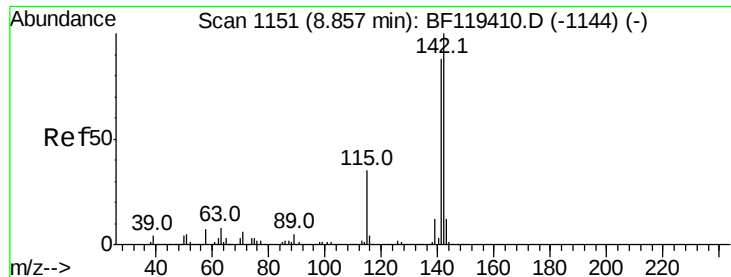
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.449 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.0	31.6
142	77.1	64.4	96.6





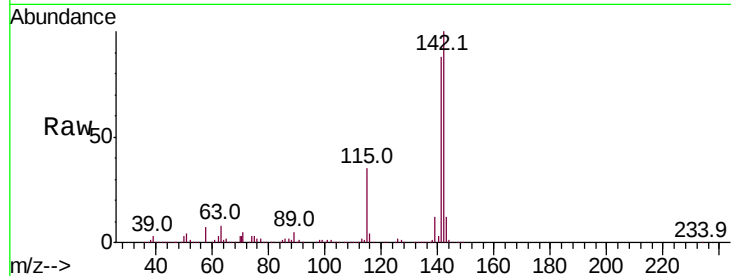
#37
2-Methylnaphthalene
Concen: 42.482 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	34.6	27.9	41.9

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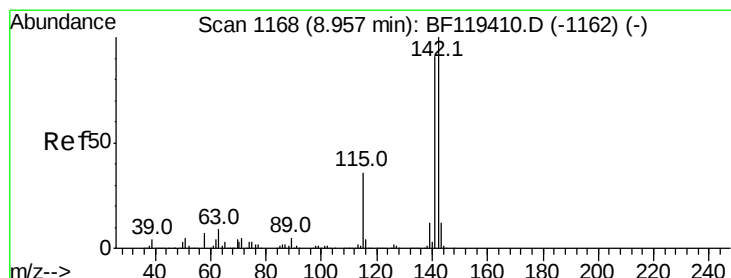
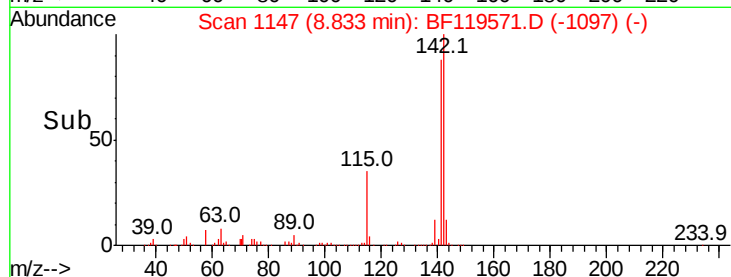
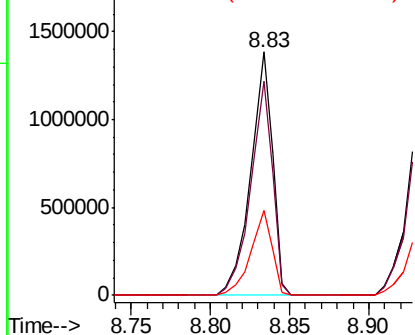


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.364 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

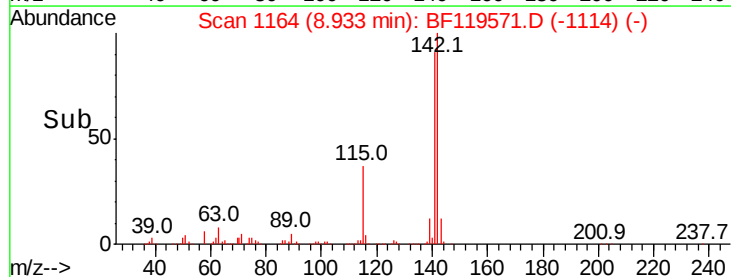
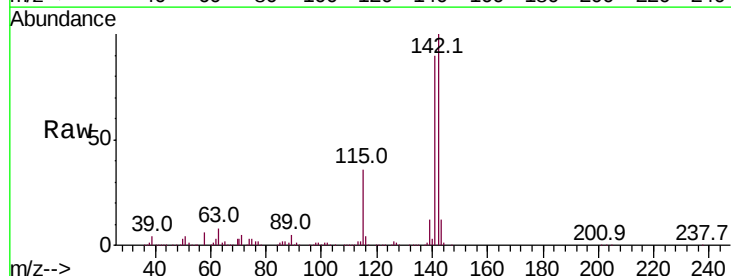
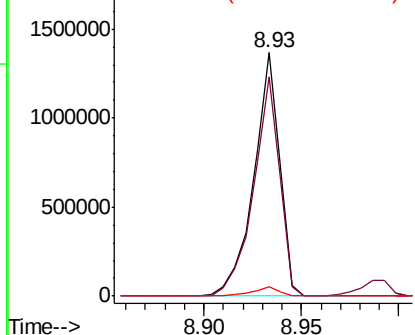
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5
116	3.8	3.0	4.6

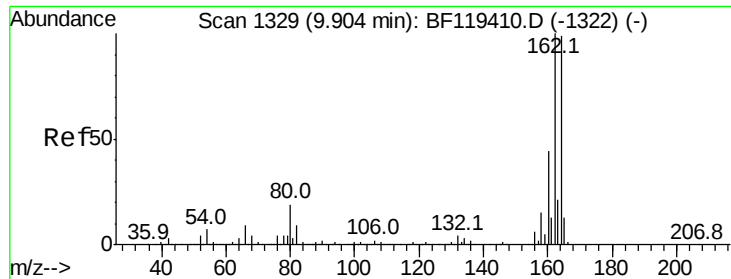
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





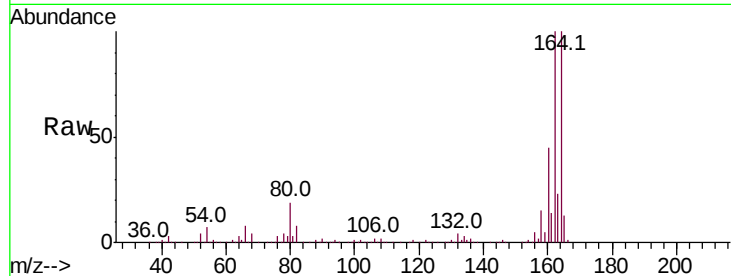
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	80.6	121.0	
160	45.2	35.7	53.5	

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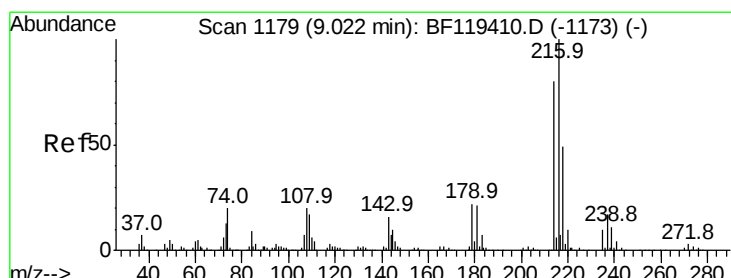
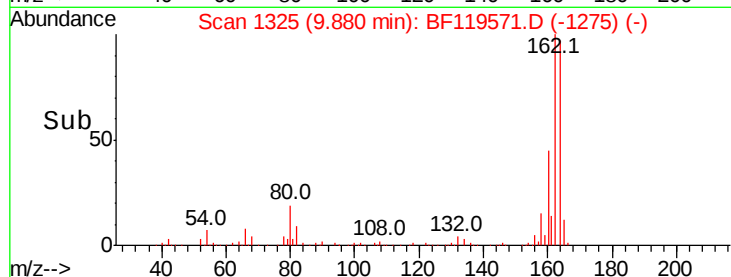
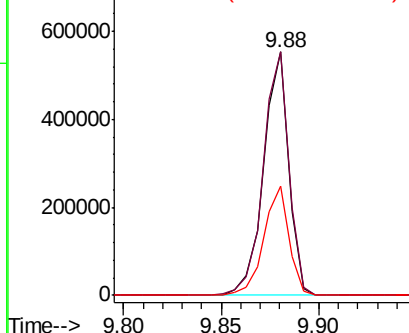


Abundance

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: 39.700 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.2	94.8	
179	21.2	17.1	25.7	
108	20.7	15.1	22.7	

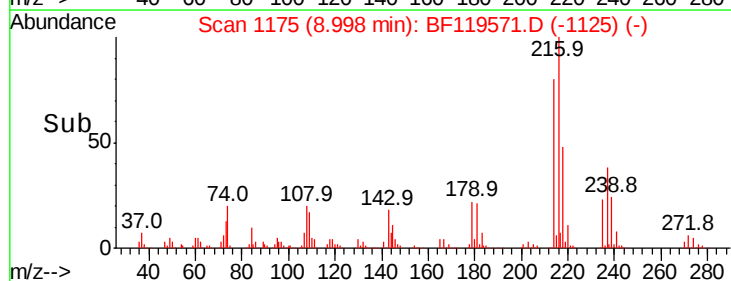
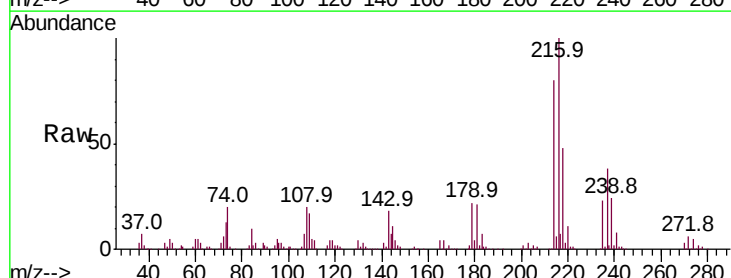
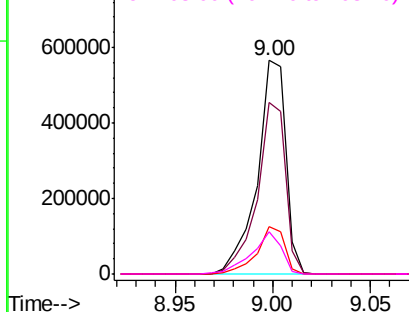
Abundance

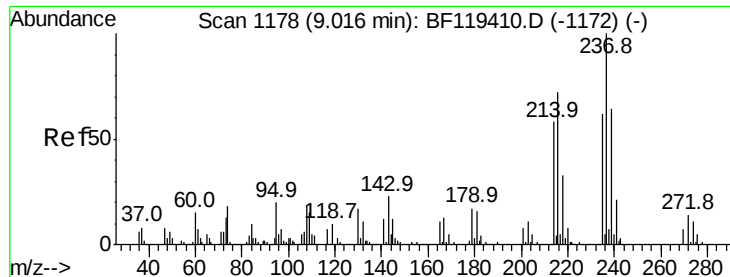
Ion 216.00 (215.70 to 216.70): E

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: 86.190 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

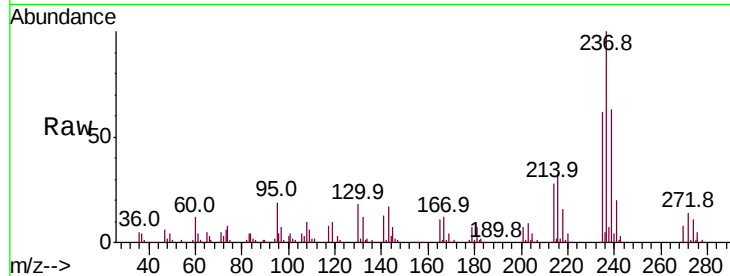
ClientSampleId :

PB127859BS

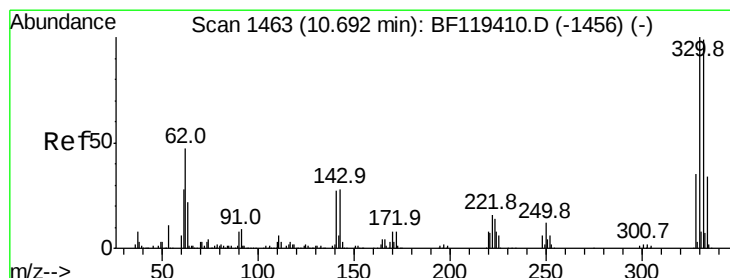
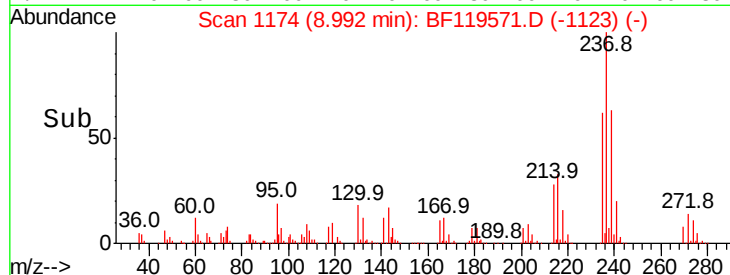
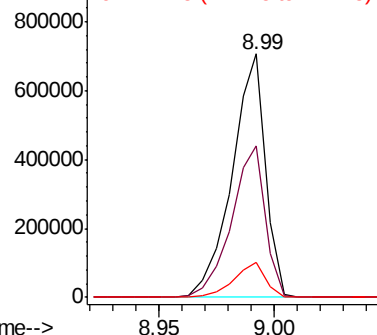
Tot Ion:	237	Resp:	709708
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.2	83.2
272	14.1	0.0	34.1

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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: 91.084 ng

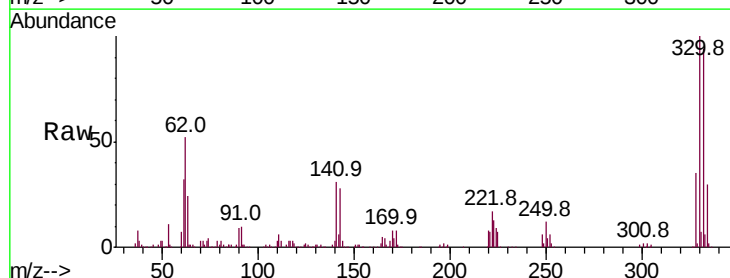
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

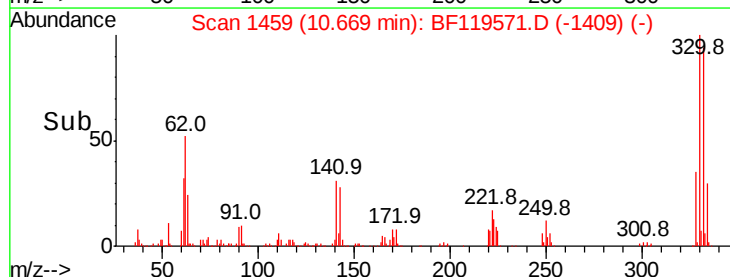
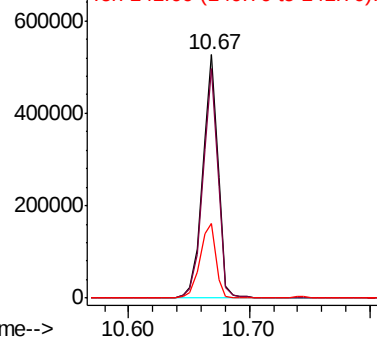
Lab File: BF119571.D

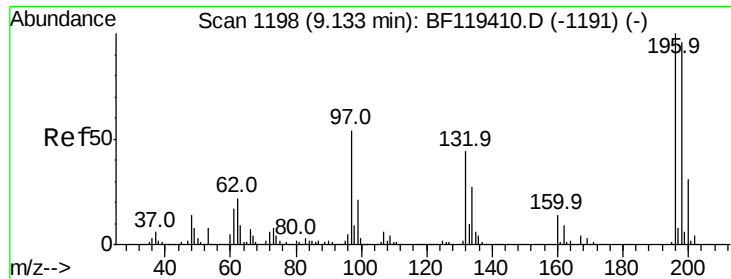
Acq: 27 Mar 2020 17:05

Tgt Ion:	330	Resp:	464343
Ion Ratio	Lower	Upper	
330	100		
332	93.8	75.7	113.5
141	32.1	25.4	38.0



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





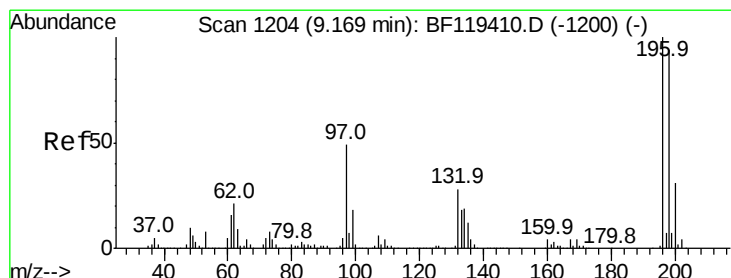
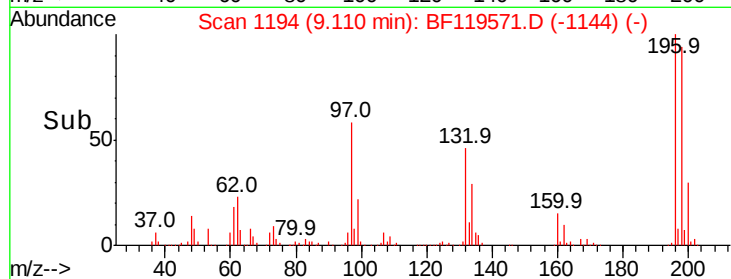
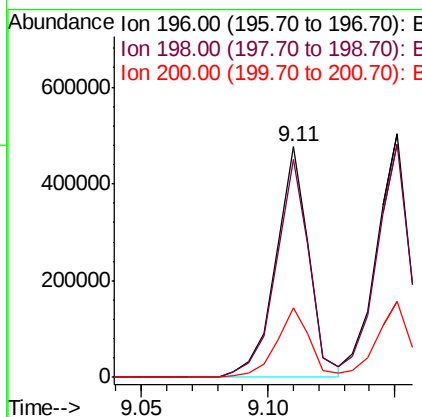
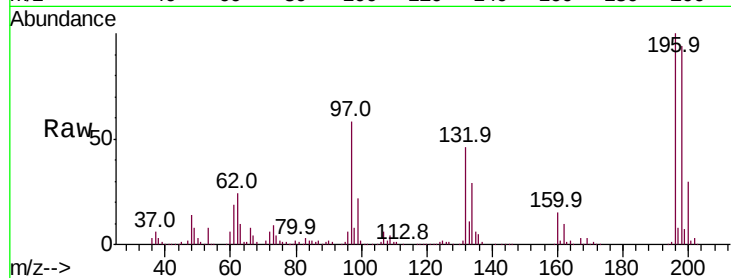
#43
 2,4,6-Trichlorophenol
 Concen: 41.942 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	434730		
198	94.4	76.6	115.0	
200	30.0	24.6	36.8	

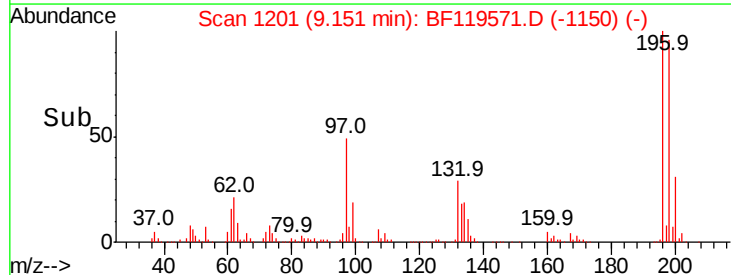
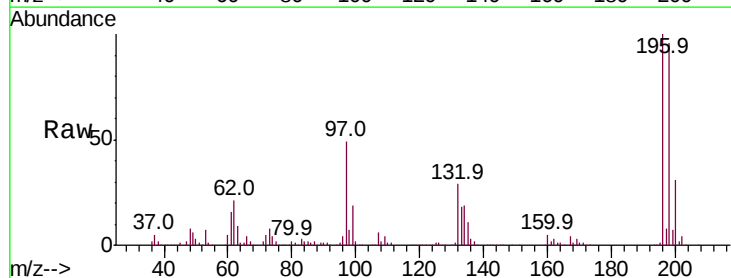
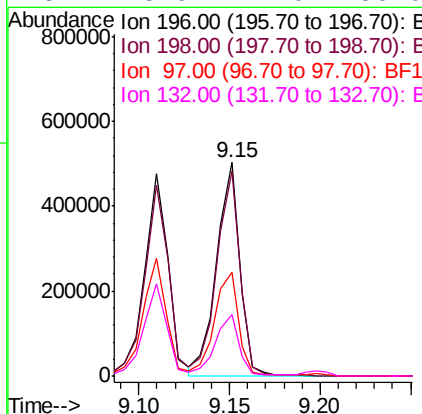
Manual Integrations
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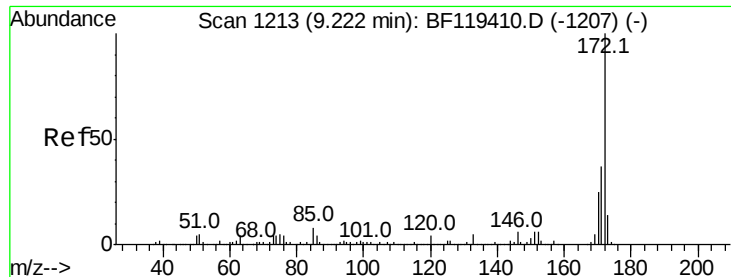
mohammad
 3/31/2020 8:15:08 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.544 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	447544		
198	96.0	73.8	110.8	
97	48.8	42.6	63.8	
132	28.9	24.0	36.0	





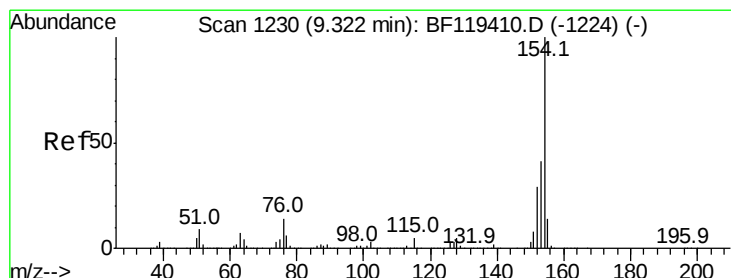
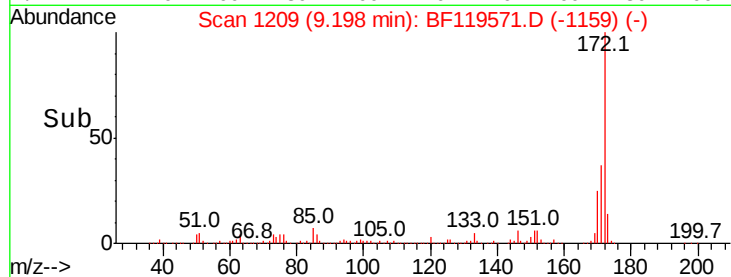
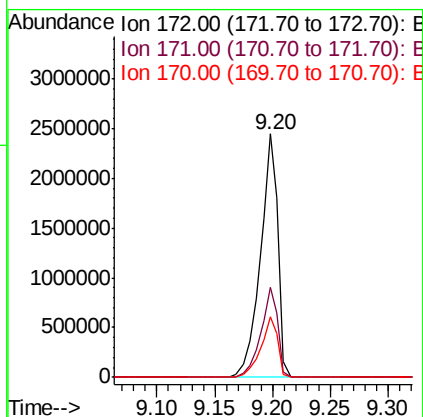
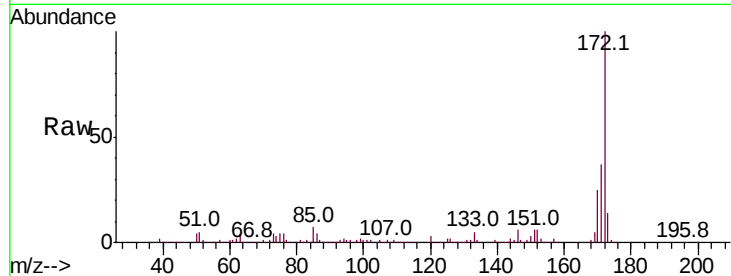
#45
2-Fluorobiphenyl
Concen: 77.542 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.9	20.2	30.2

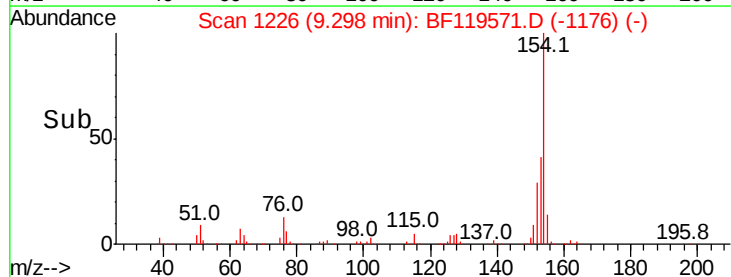
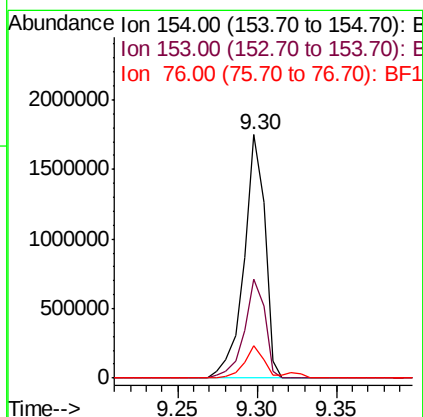
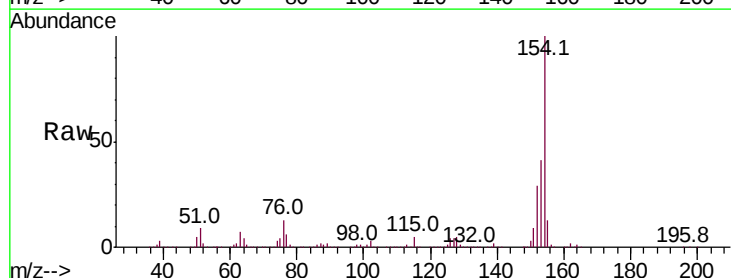
Manual Integrations
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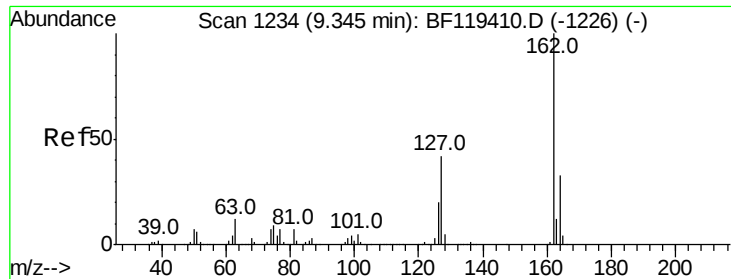
mohammad
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#46
1,1'-Biphenyl
Concen: 39.505 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	13.4	0.0	33.0





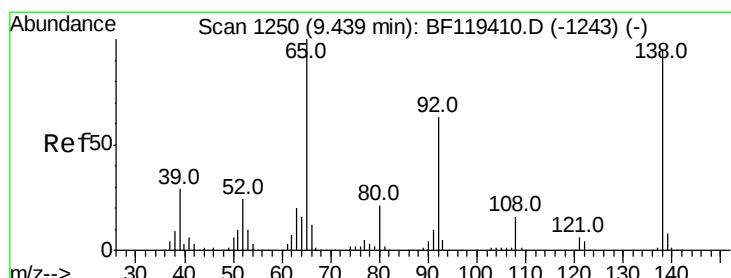
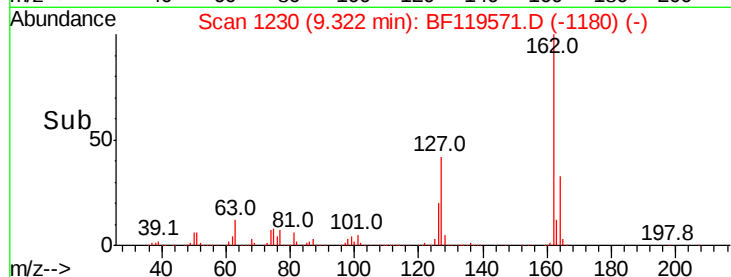
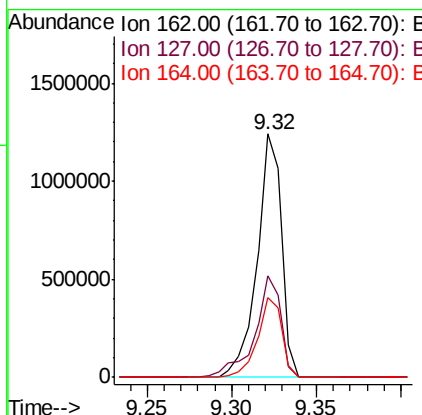
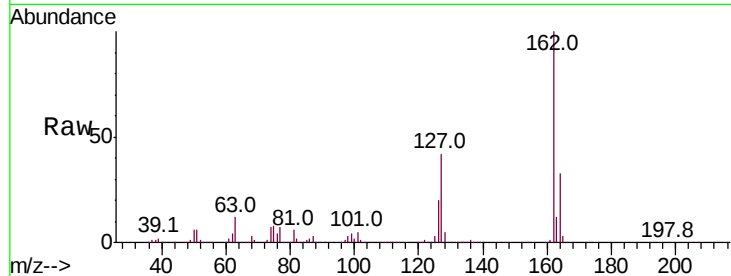
#47
2-Chloronaphthalene
Concen: 39.523 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion:162 Resp: 1245975
Ion Ratio Lower Upper
162 100
127 41.9 33.7 50.5
164 33.0 26.3 39.5

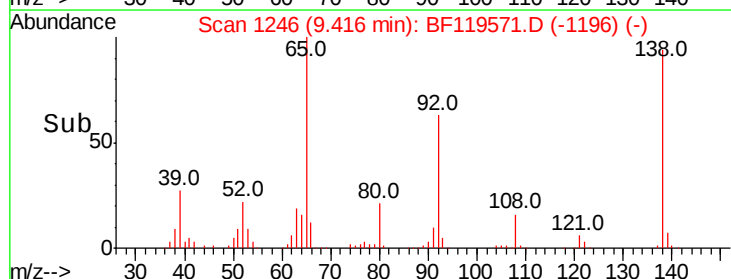
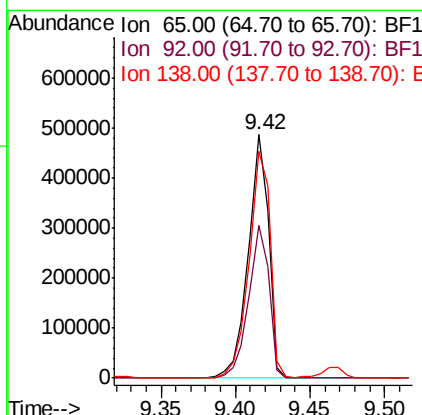
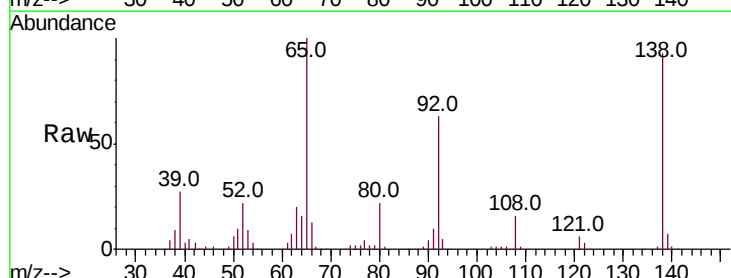
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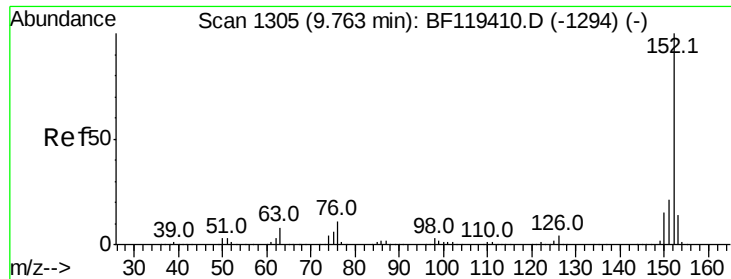
mohammad
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#48
2-Nitroaniline
Concen: 41.956 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 65 Resp: 456538
Ion Ratio Lower Upper
65 100
92 62.8 50.0 75.0
138 93.4 75.0 112.4





#49

Acenaphthylene

Concen: 40.566 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

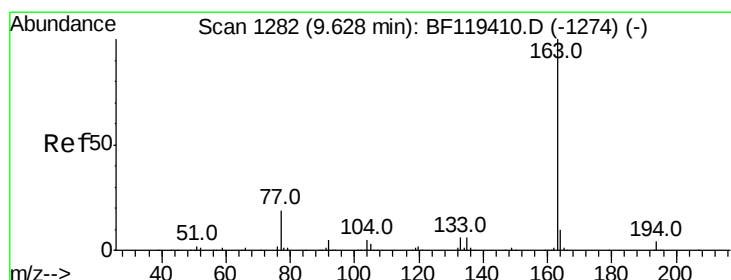
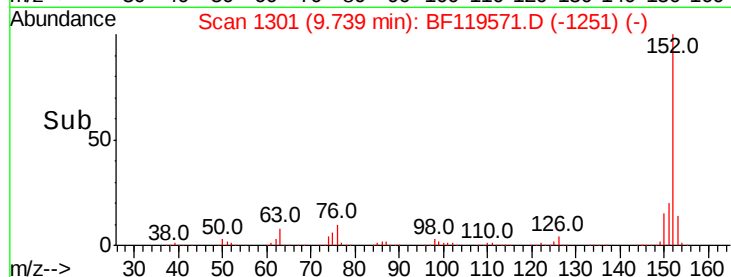
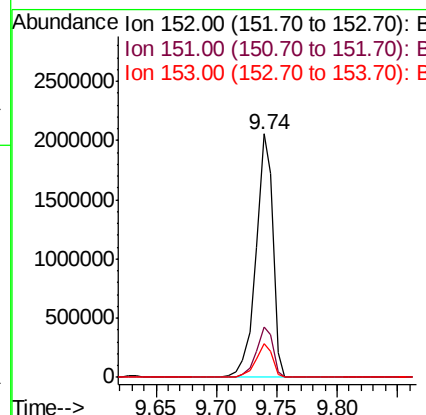
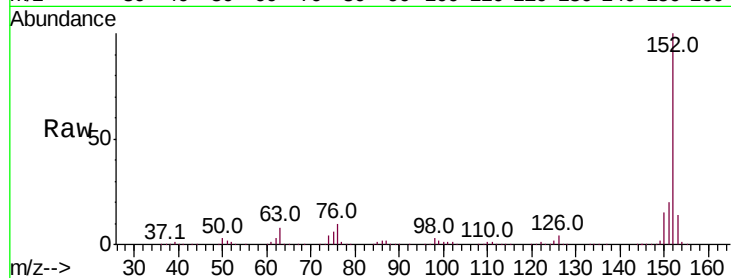
ClientSampled :

PB127859BS

Tot Ion:	152	Resp:	2008251
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.2	25.8
153	13.8	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.588 ng

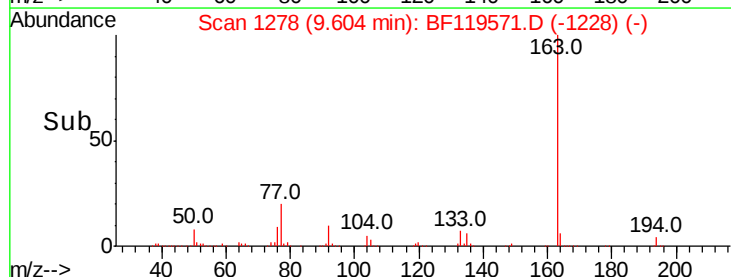
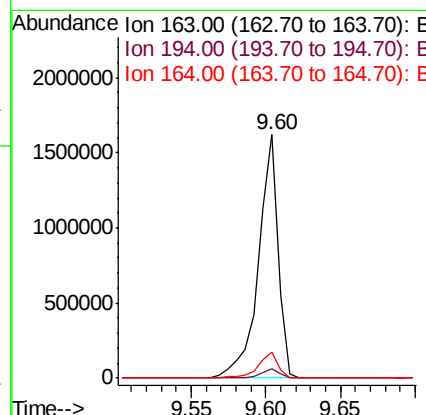
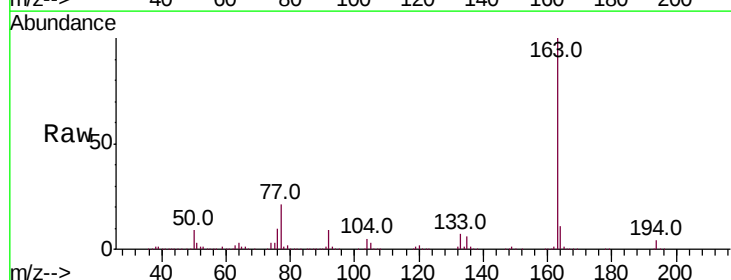
RT: 9.60 min Scan# 1278

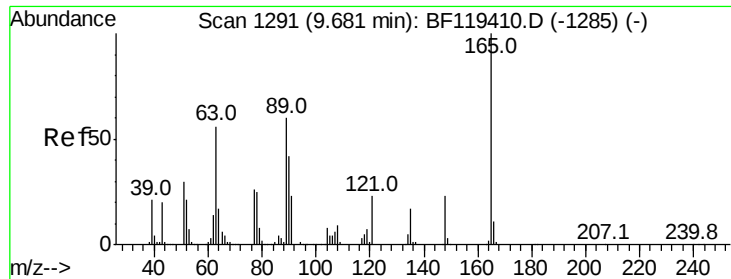
Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion:	163	Resp:	1459719
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.5	8.2	12.2





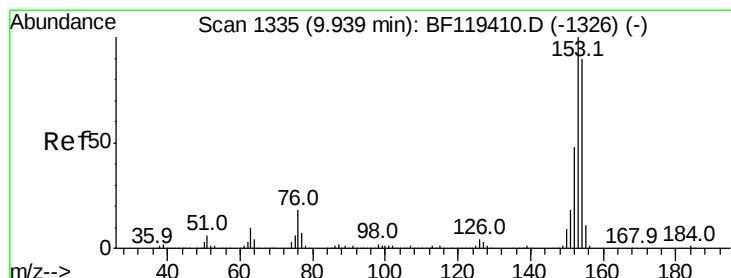
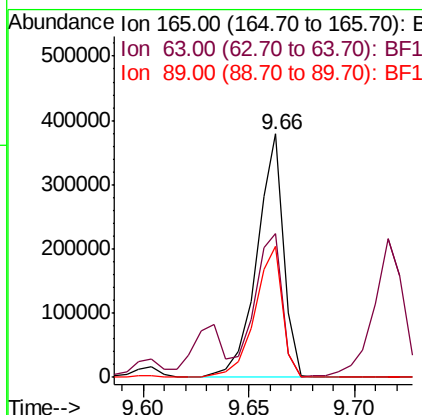
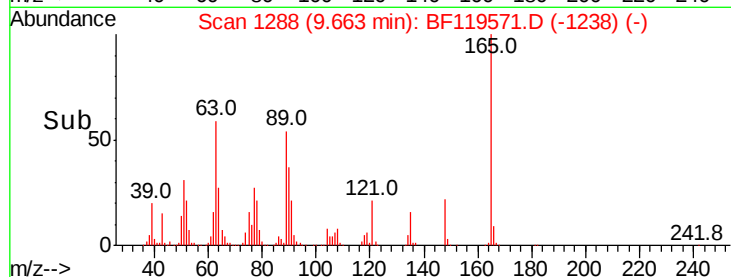
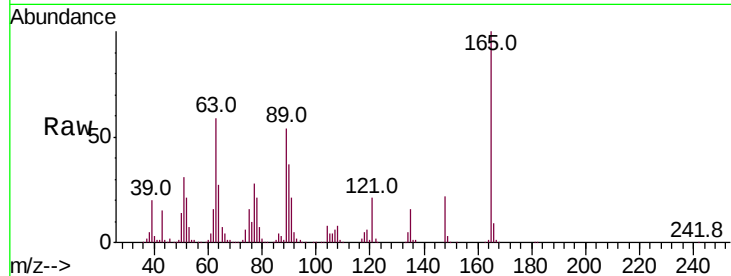
#51
2,6-Dinitrotoluene
Concen: 44.320 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3	45.0	67.4	
89	53.6	41.5	62.3	

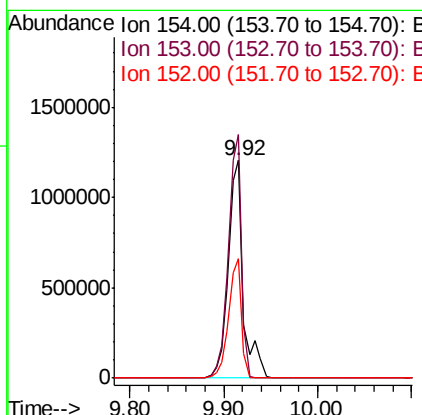
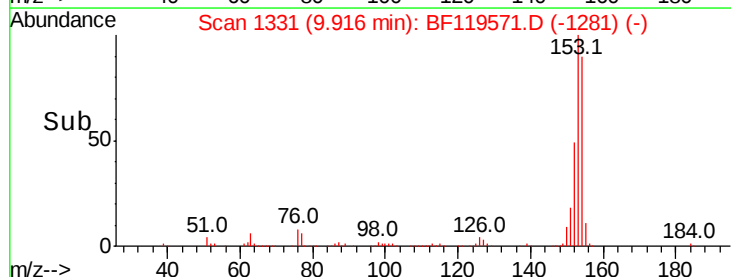
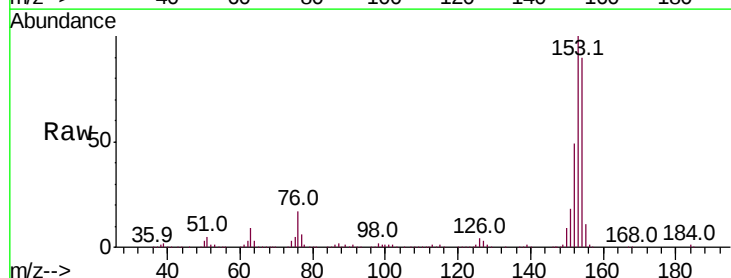
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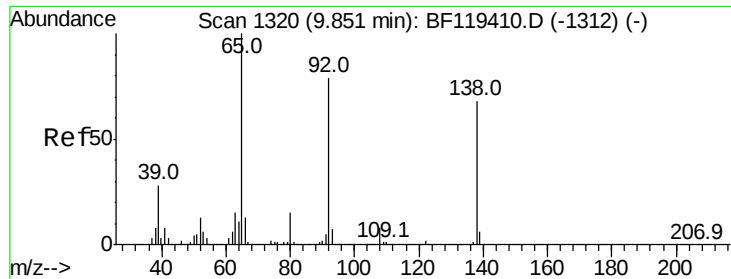
mohammad
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#52
Acenaphthene
Concen: 43.354 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.7	88.1	132.1	
152	54.7	43.0	64.4	





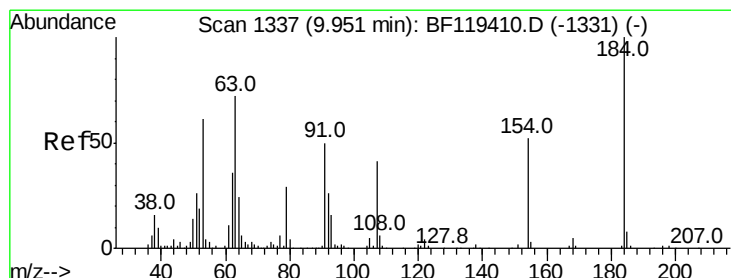
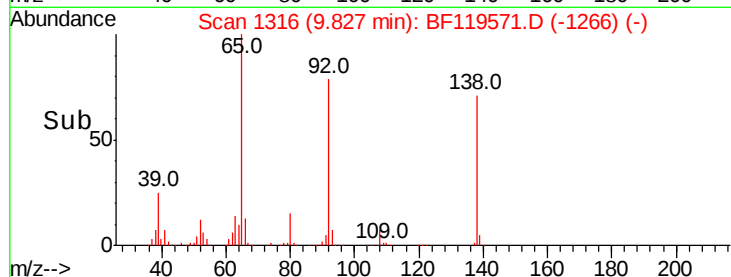
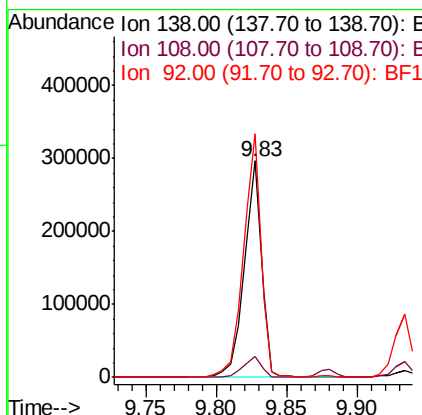
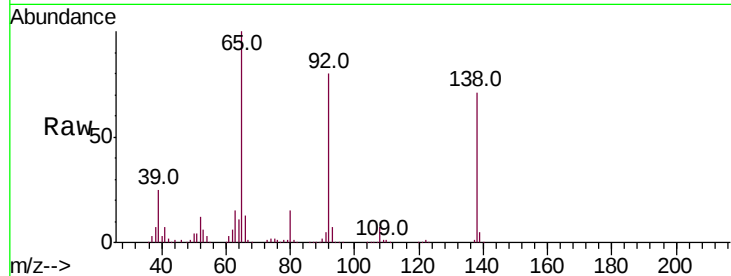
#53
3-Nitroaniline
Concen: 26.762 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	254190		
108	9.9	8.6	13.0	
92	112.7	95.4	143.0	

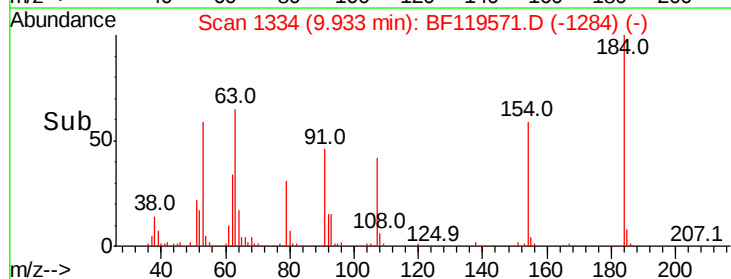
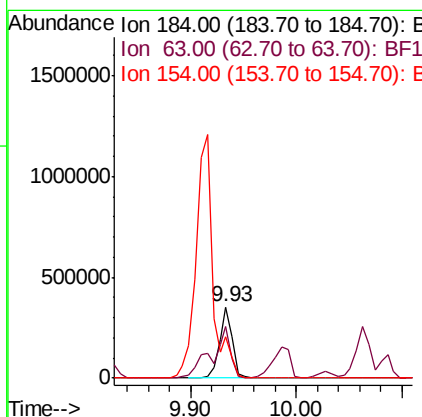
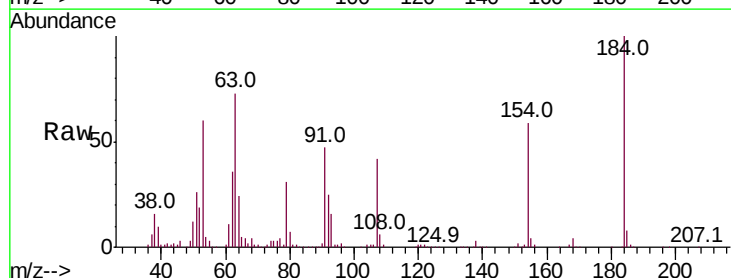
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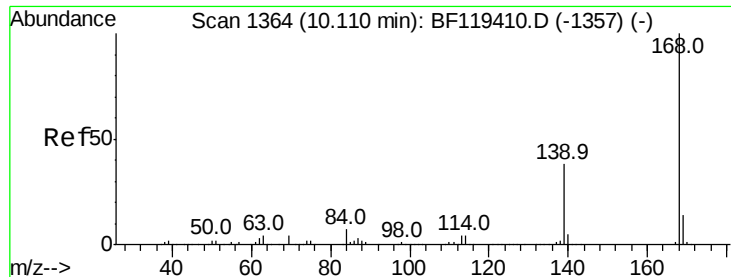
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#54
2,4-Dinitrophenol
Concen: 92.309 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	304507		
63	73.1	50.2	75.4	
154	58.7	44.5	66.7	





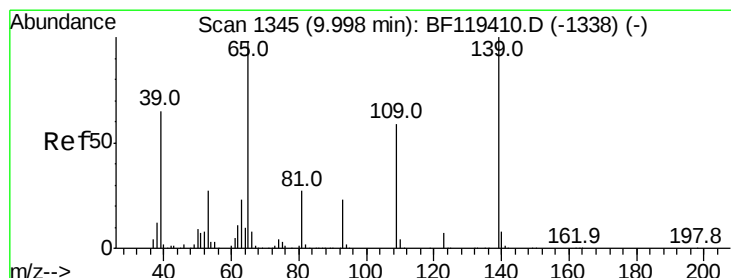
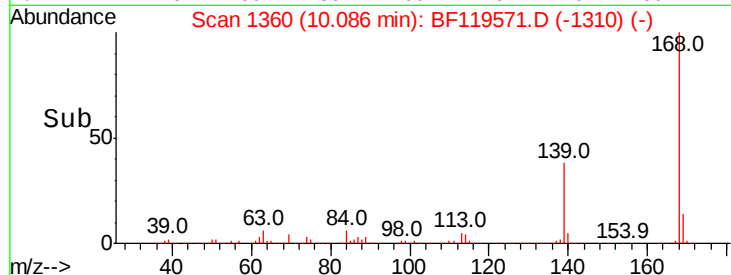
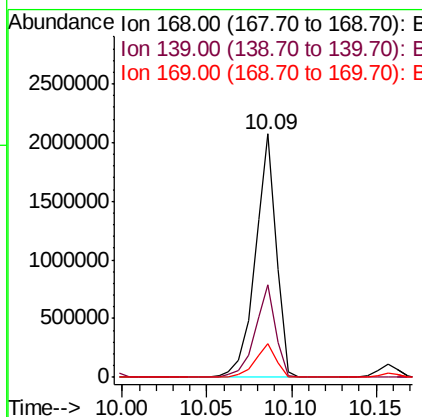
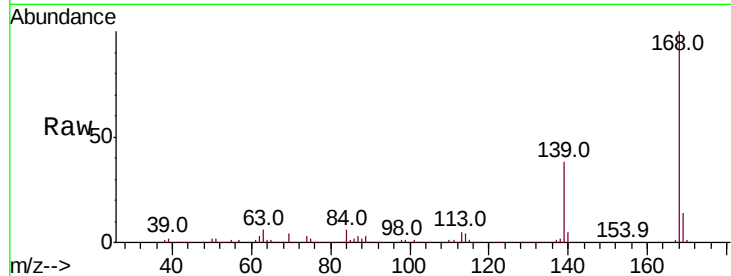
#55
Dibenzofuran
Concen: 40.659 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.9	11.0	16.6

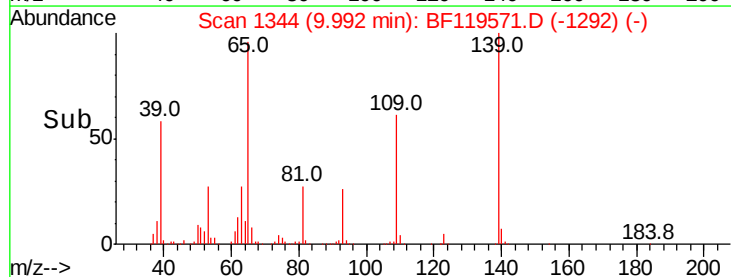
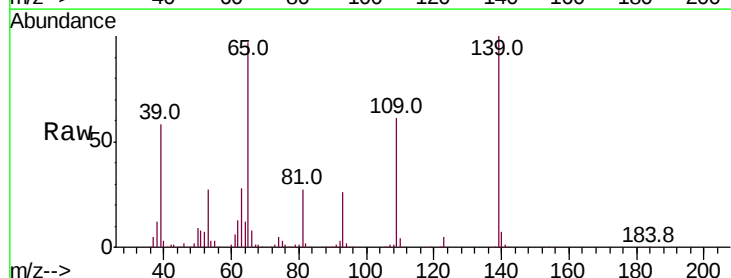
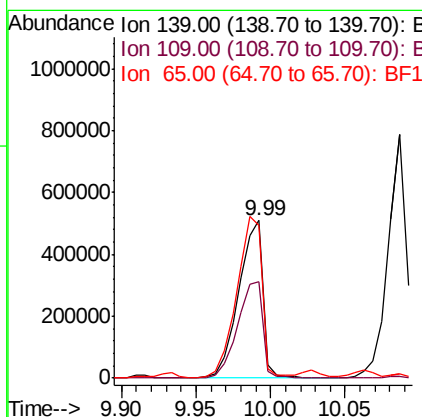
Manual Integrations
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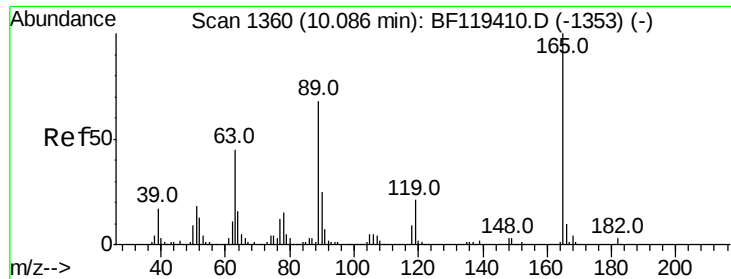
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#56
4-Nitrophenol
Concen: 76.801 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.2	43.3	83.3
65	96.5	91.0	131.0





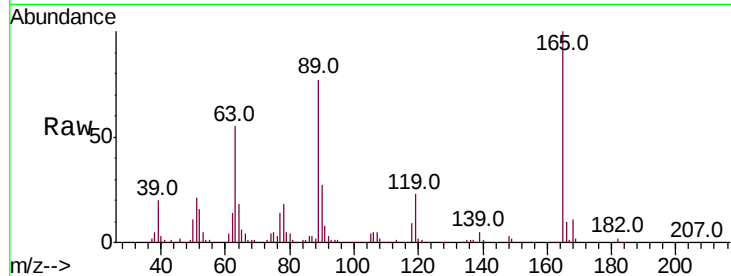
#57
2,4-Dinitrotoluene
Concen: 47.049 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

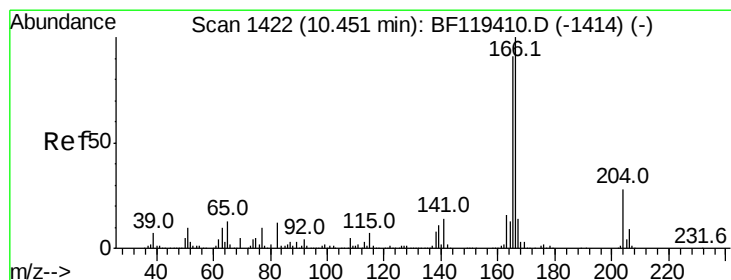
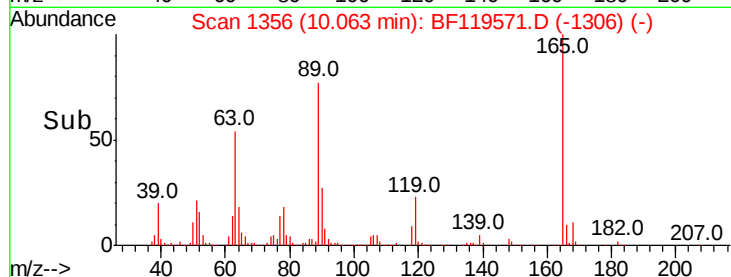
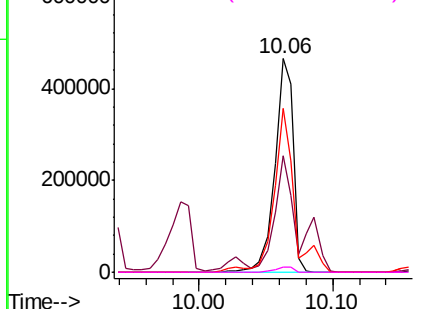
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	42.6	64.0
89	76.6	61.0	91.4
182	2.2	2.2	3.2

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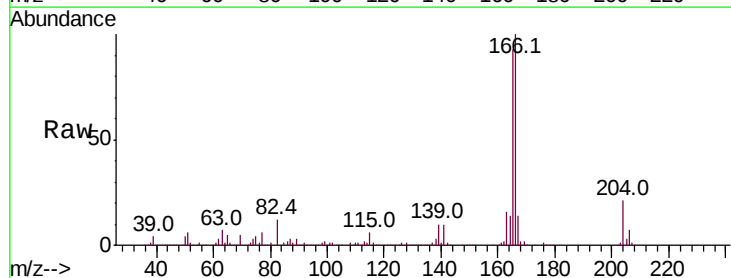


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

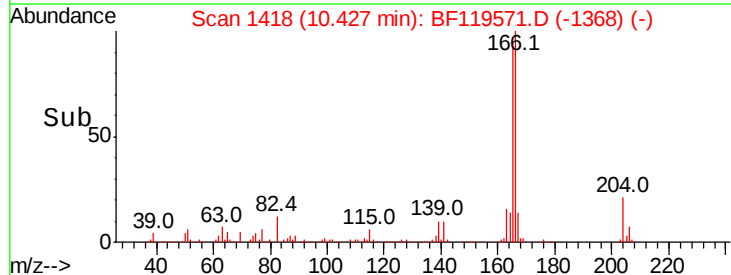
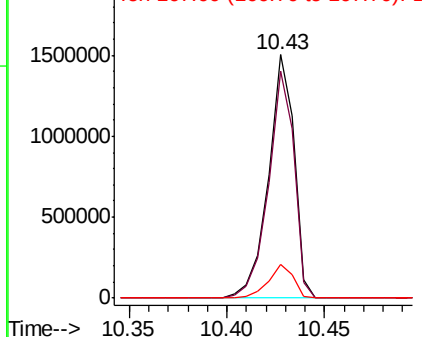


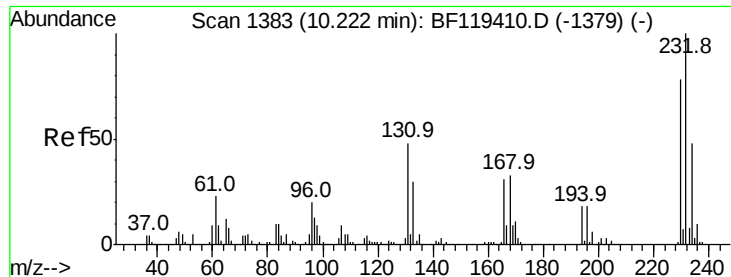
#58
Fluorene
Concen: 41.799 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.4	113.2
167	13.6	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





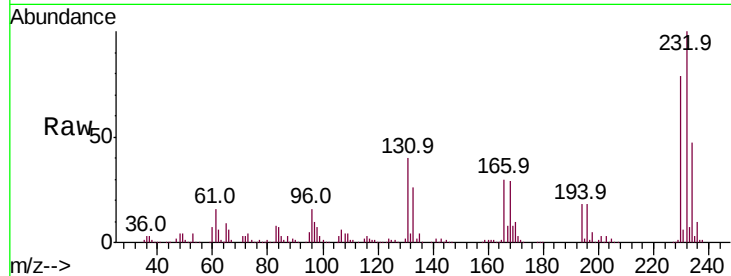
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.234 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.5	56.3
130	2.1	1.8	2.6
166	32.7	24.6	36.8

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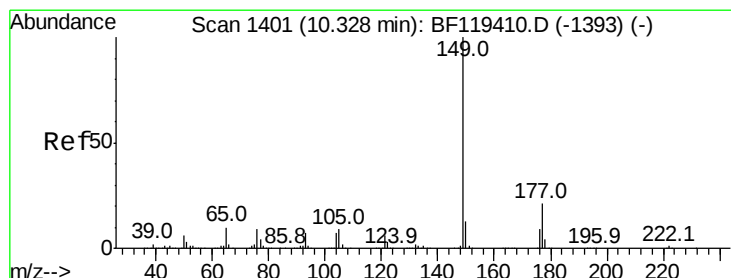
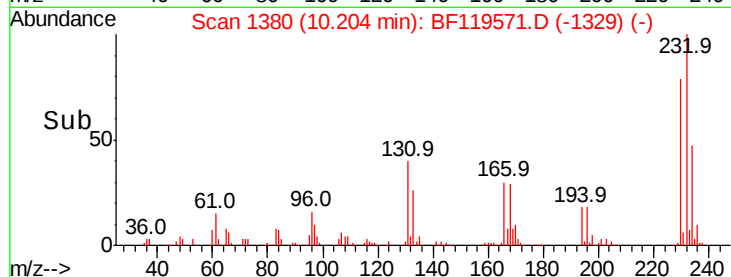
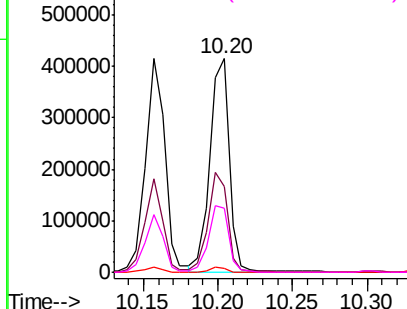
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.579 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

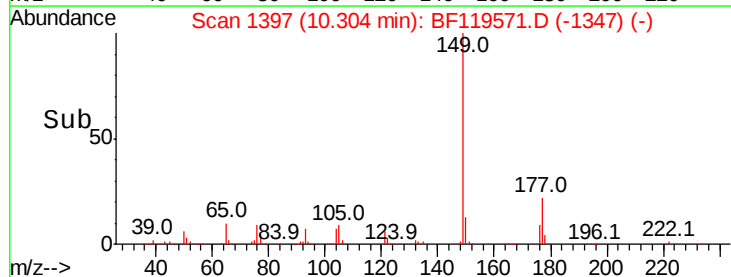
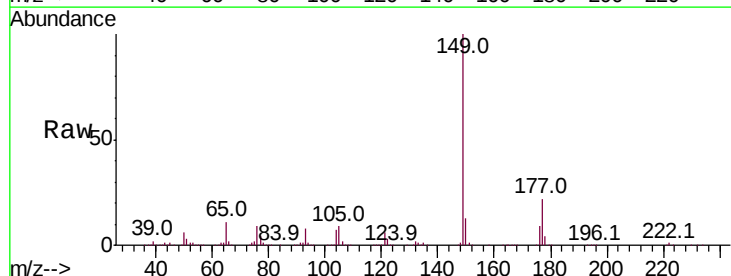
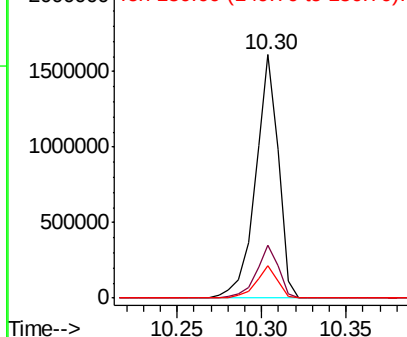
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	13.1	10.1	15.1

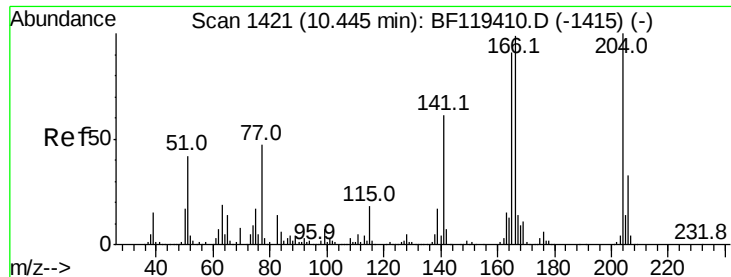
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





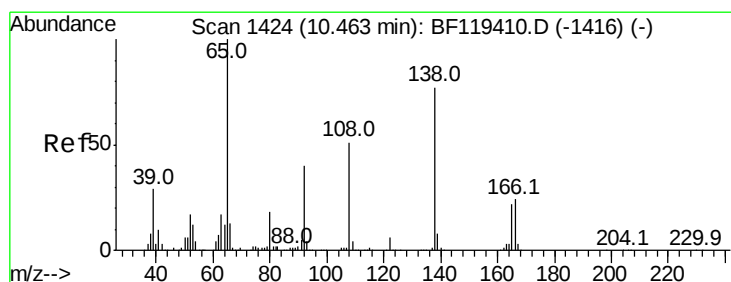
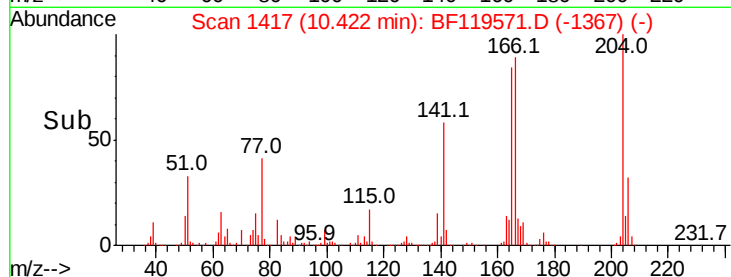
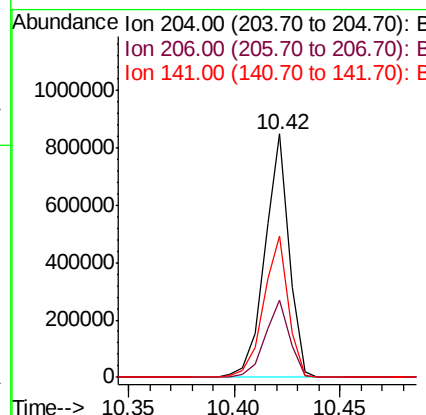
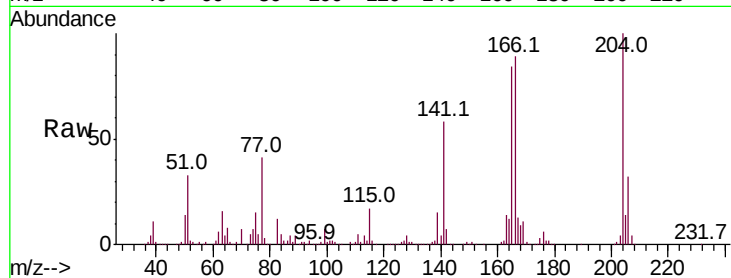
#61
4-Chlorophenyl-phenylether
Concen: 42.243 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampled :
PB127859BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.7	40.1
141	58.2	47.3	70.9

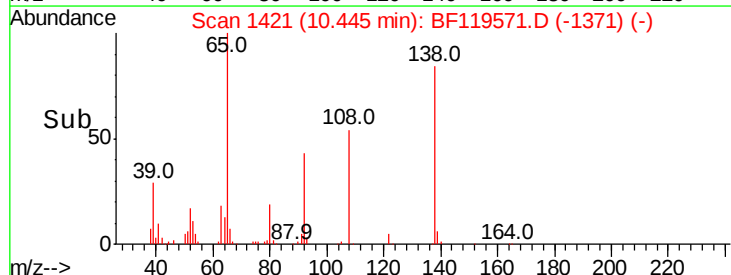
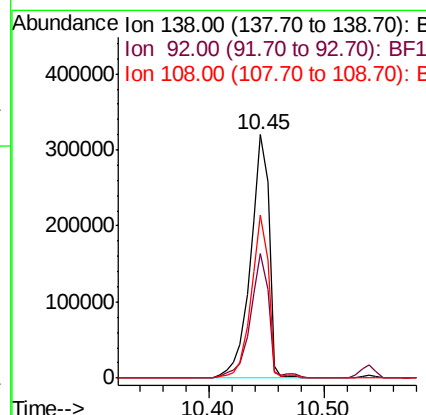
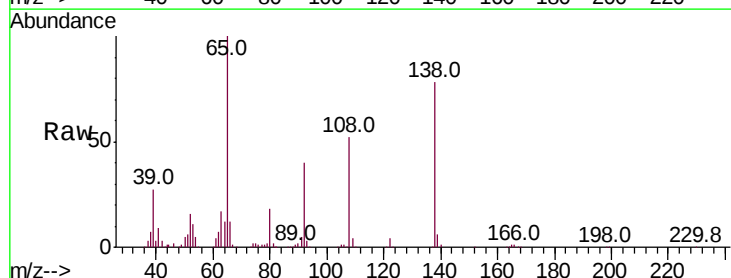
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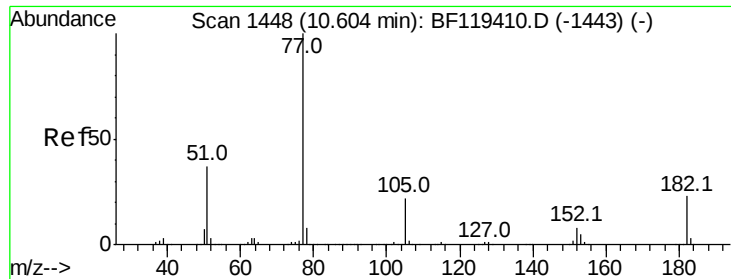
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#62
4-Nitroaniline
Concen: 39.011 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.5	71.5
108	67.1	45.8	85.8





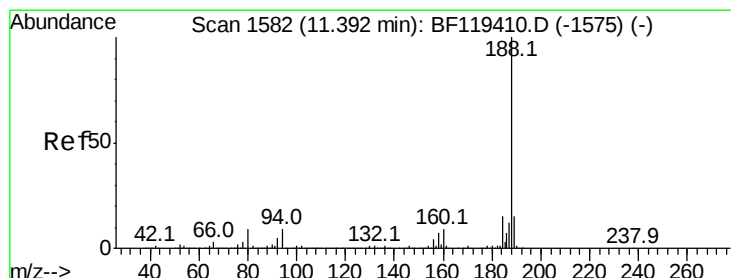
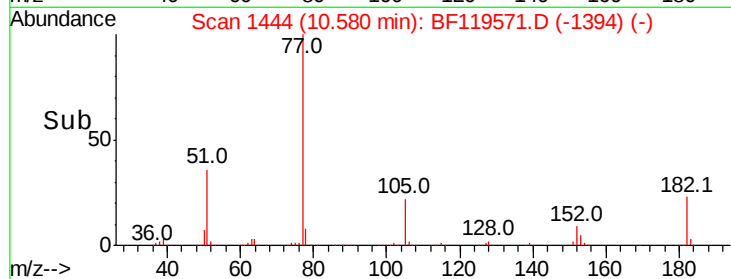
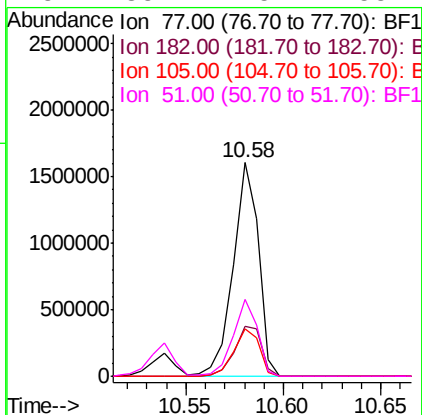
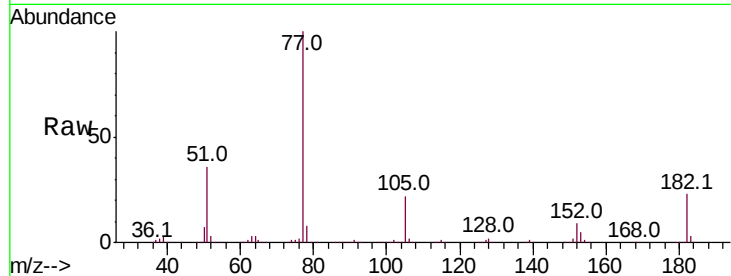
#63
Azobenzene
Concen: 40.181 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.4	44.4
105	22.3	2.6	42.6
51	35.7	15.1	55.1

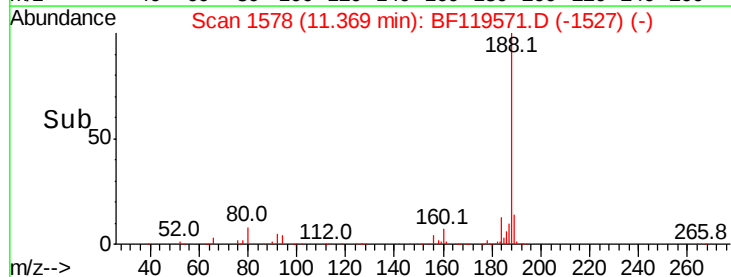
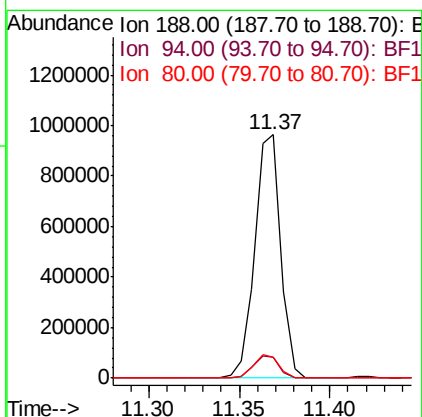
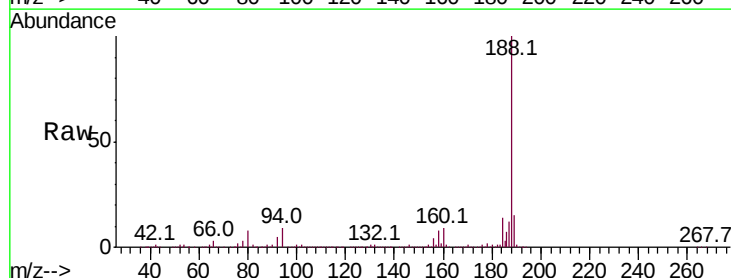
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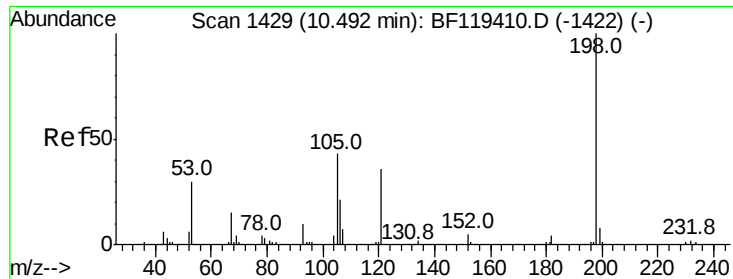
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	8.4	9.0	13.4





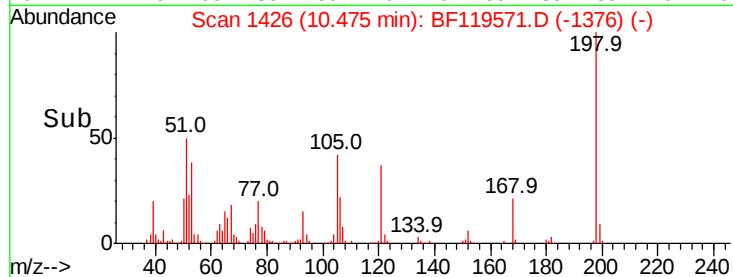
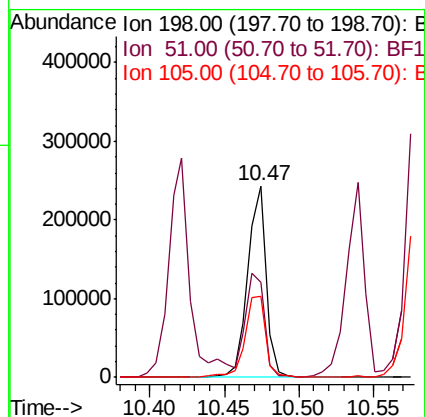
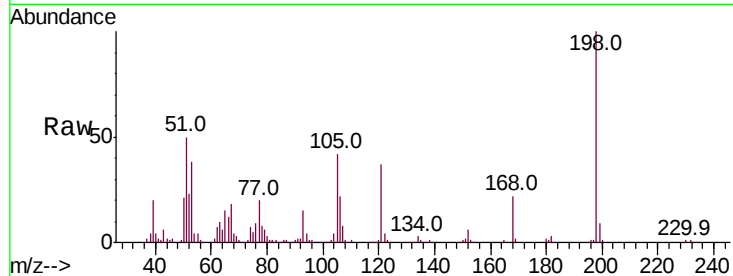
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.846 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	208613		
51	49.9	29.0	69.0	
105	42.2	22.2	62.2	

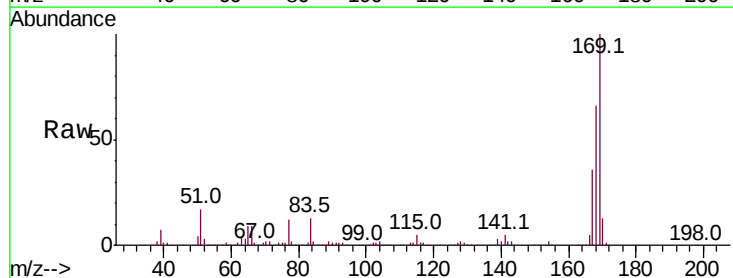
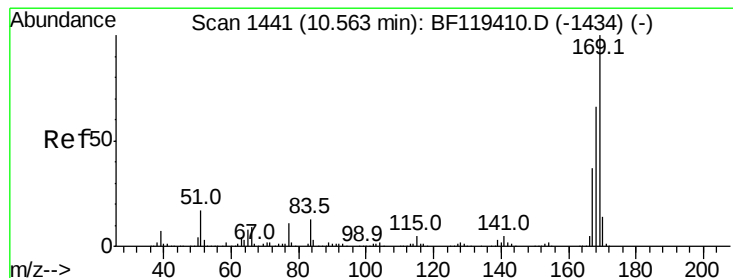
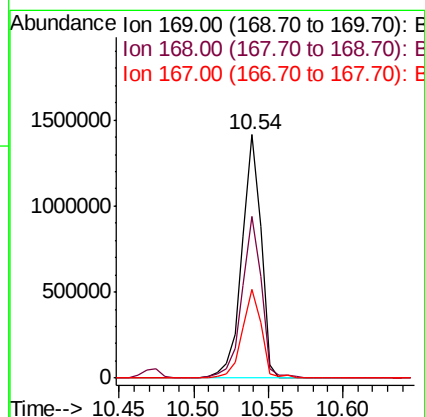
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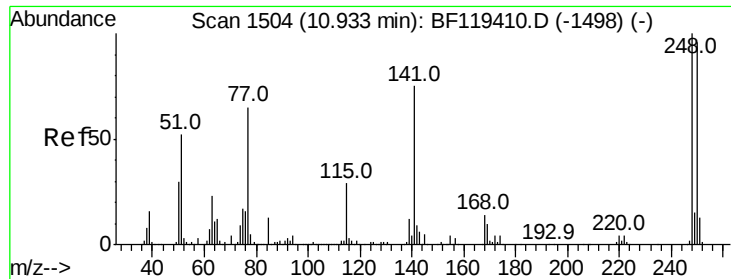
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#66
 n-Nitrosodiphenylamine
 Concen: 40.191 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1266076		
168	66.4	53.2	79.8	
167	36.2	29.1	43.7	





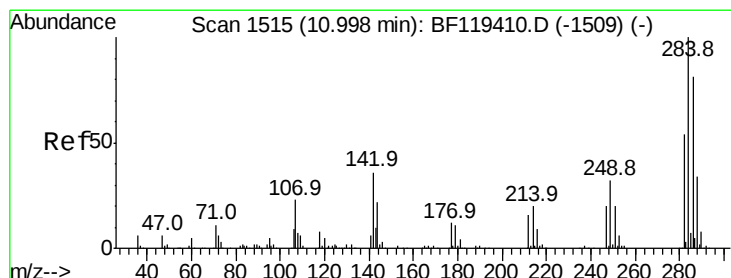
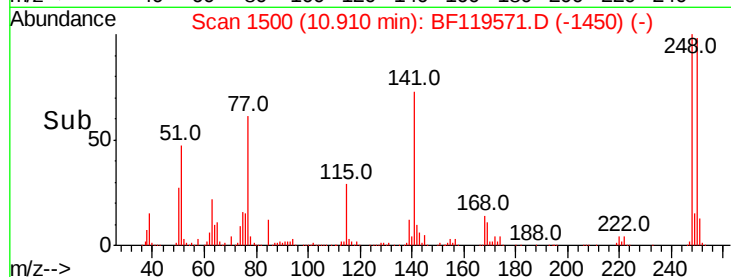
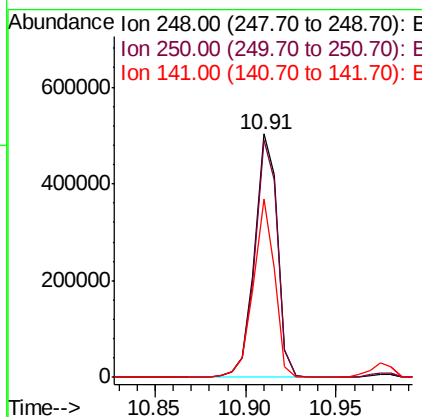
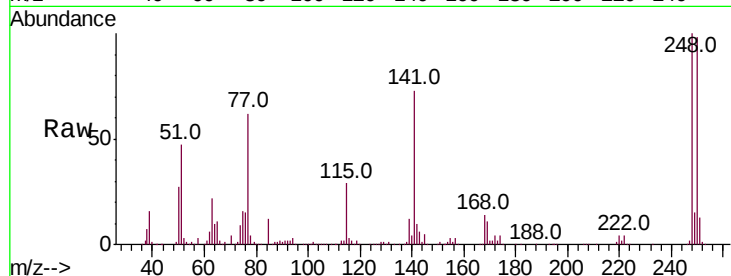
#67
4-Bromophenyl-phenylether
Concen: 40.344 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.3	115.9
141	73.4	58.6	87.8

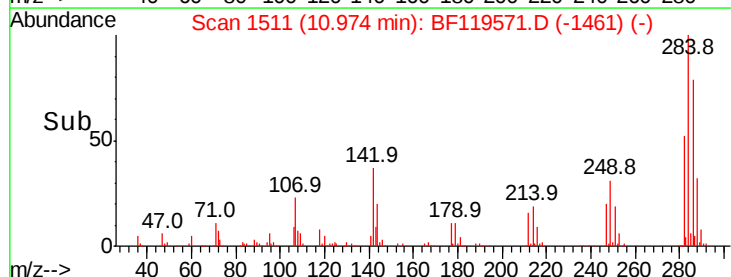
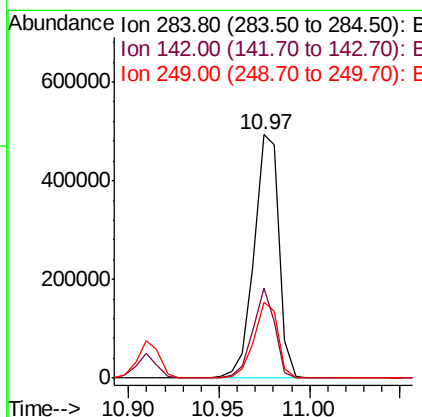
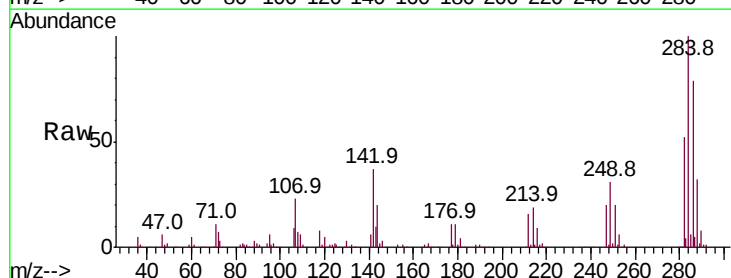
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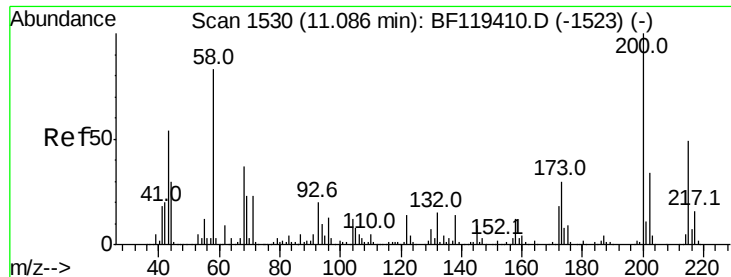
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#68
Hexachlorobenzene
Concen: 42.213 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.2	43.8
249	31.4	25.1	37.7





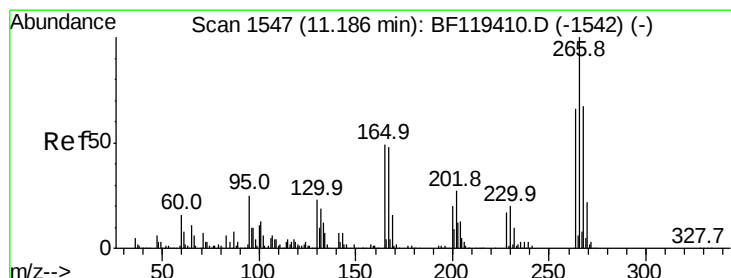
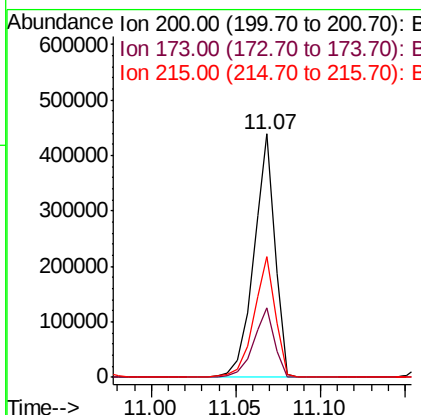
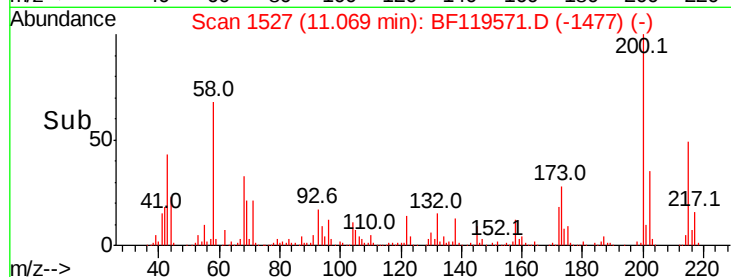
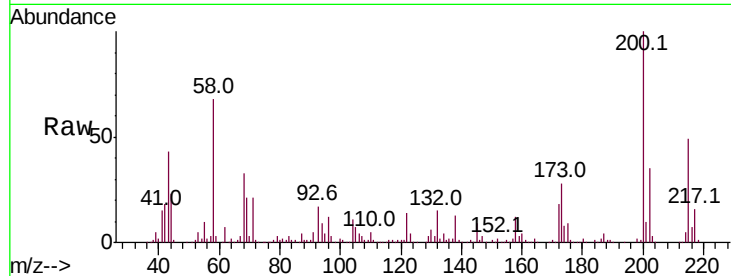
#69
 Atrazine
 Concen: 44.560 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion:	200	Resp:	384823
Ion Ratio	Lower	Upper	
200	100		
173	28.4	9.3	49.3
215	49.4	29.5	69.5

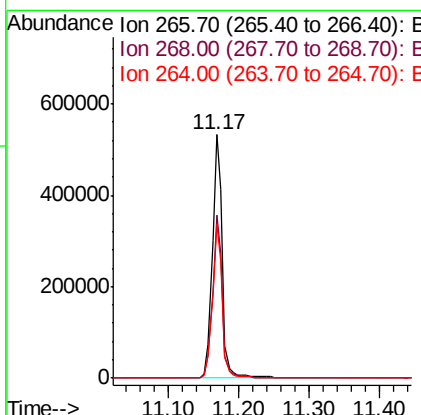
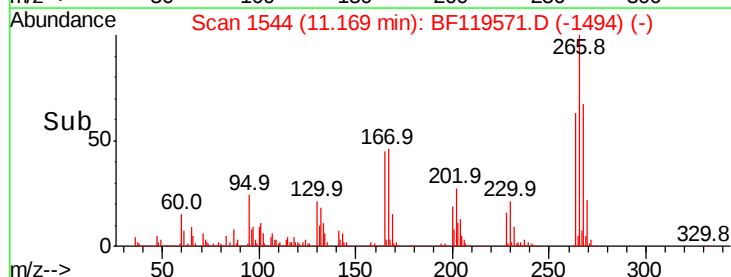
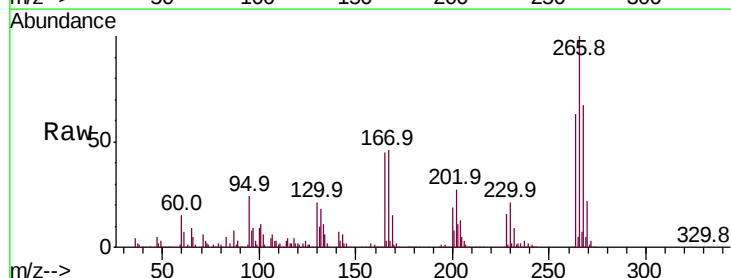
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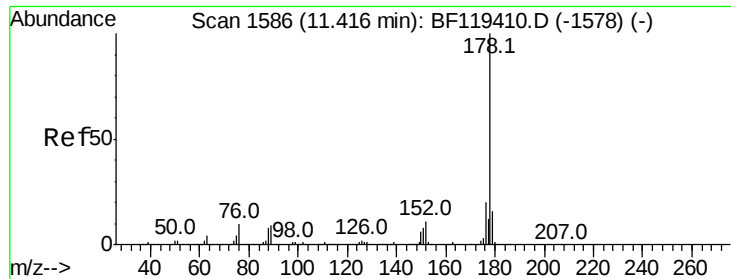
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#70
 Pentachlorophenol
 Concen: 79.886 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:	266	Resp:	523912
Ion Ratio	Lower	Upper	
266	100		
268	67.1	53.3	79.9
264	63.4	49.0	73.4





#71

Phenanthrene

Concen: 39.457 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tot Ion:178 Resp: 1963234

Ion Ratio Lower Upper

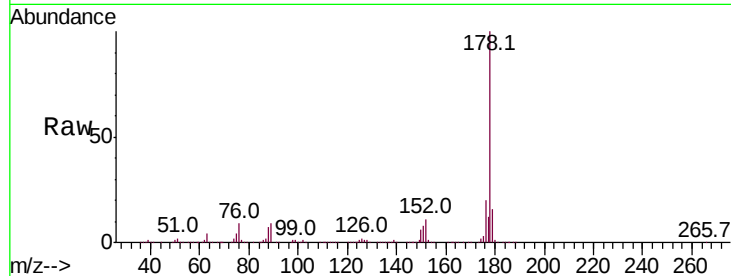
178 100

176 19.8 16.2 24.4

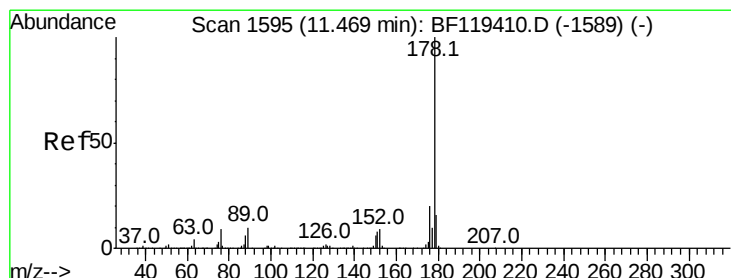
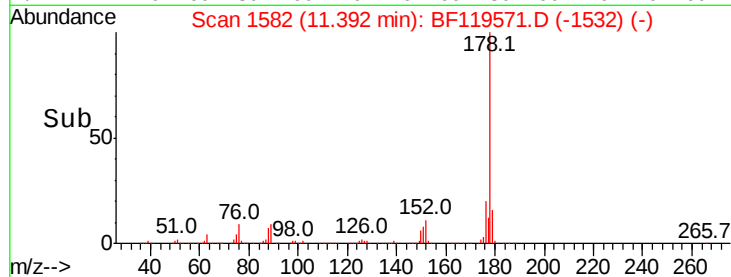
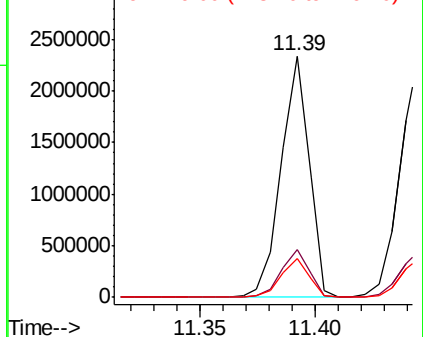
179 15.9 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.860 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

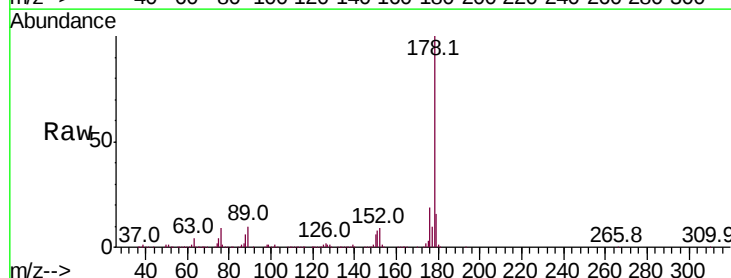
Tgt Ion:178 Resp: 2066250

Ion Ratio Lower Upper

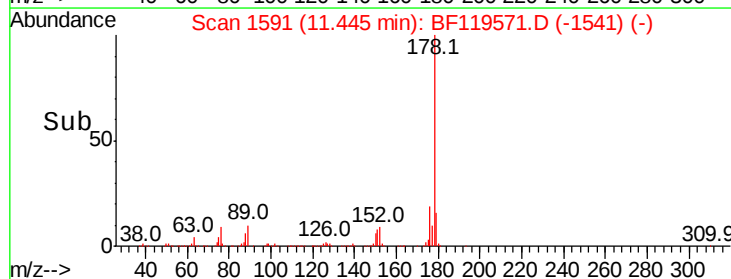
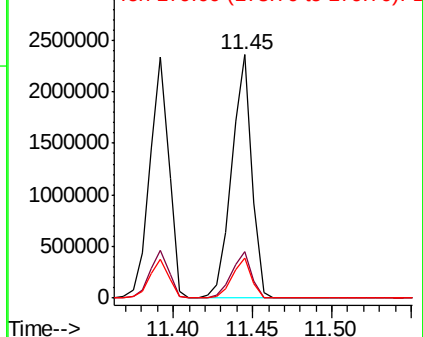
178 100

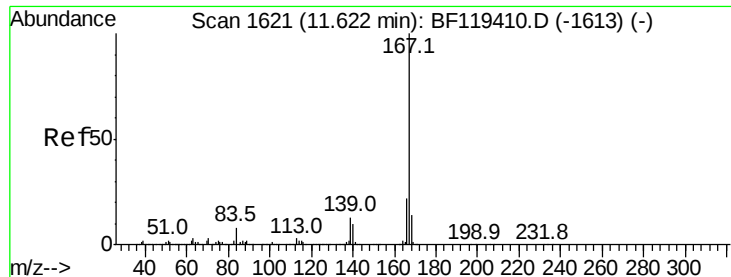
176 19.3 16.1 24.1

179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





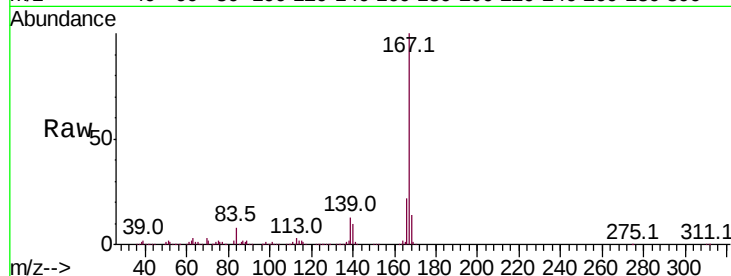
#73
 Carbazole
 Concen: 37.825 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.8	10.7	16.1

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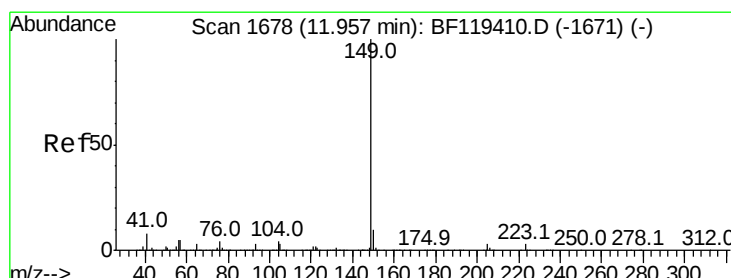
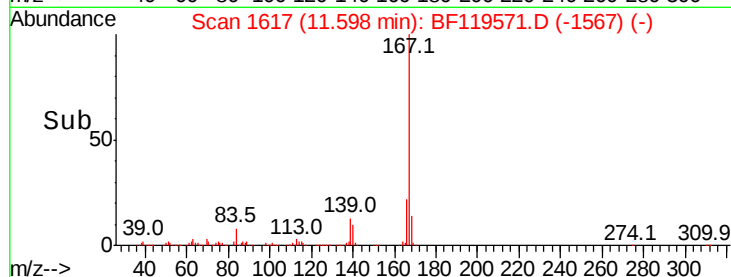
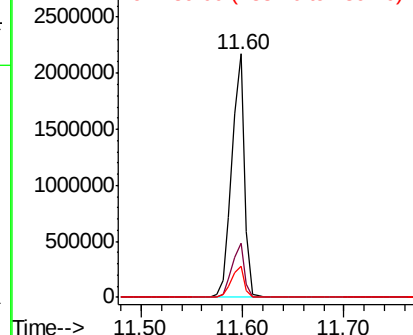


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.325 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

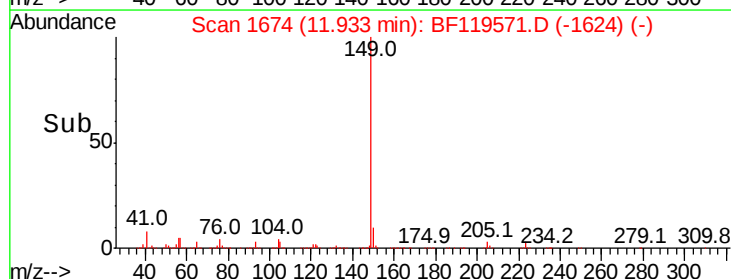
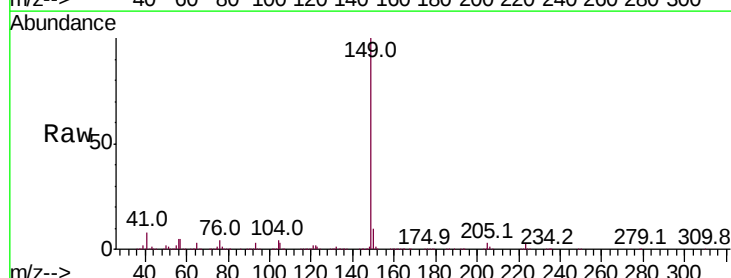
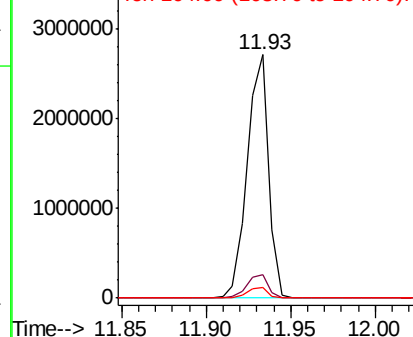
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.5	3.6	5.4

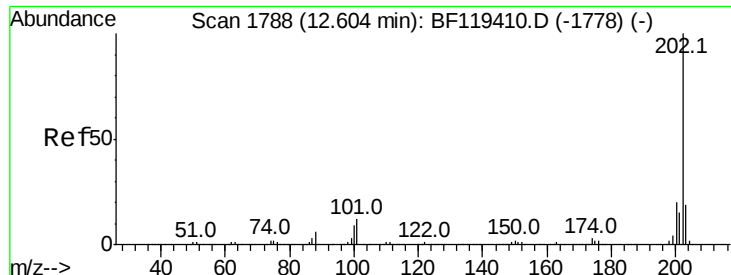
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





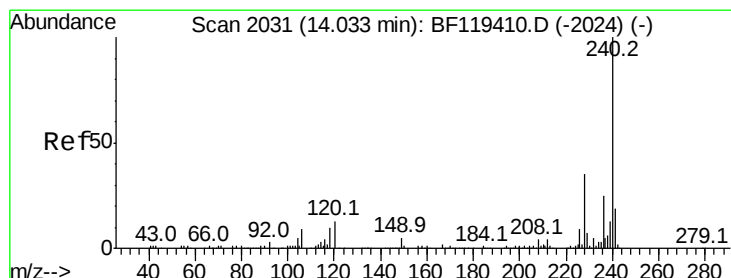
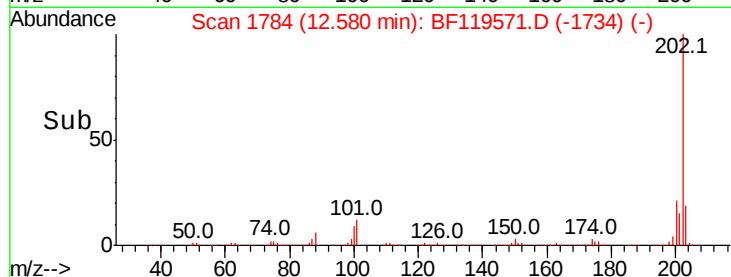
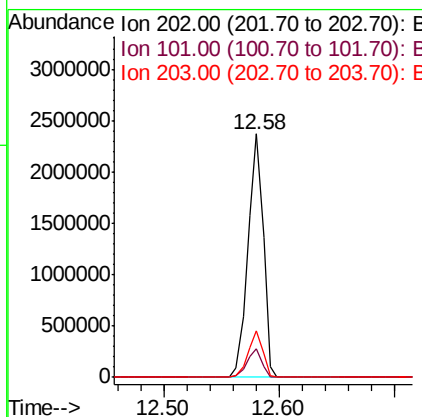
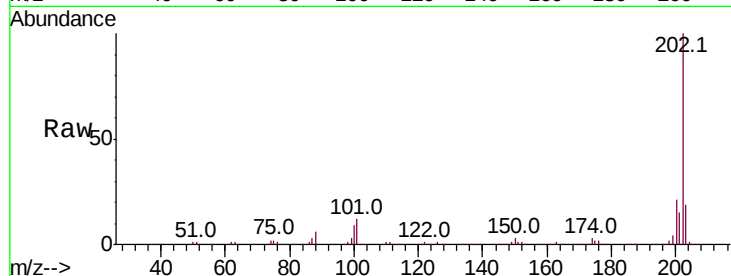
#75
Fluoranthene
 Concen: 40.135 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.2
203	19.0	0.0	38.8

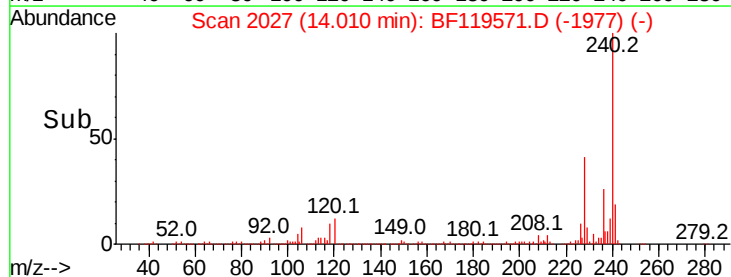
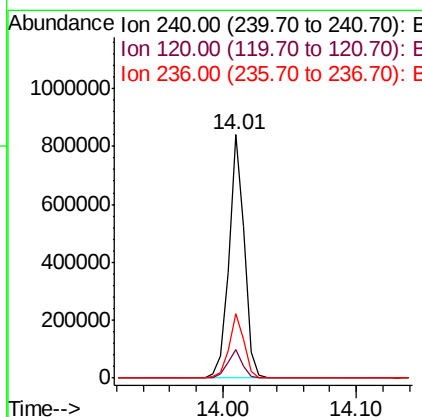
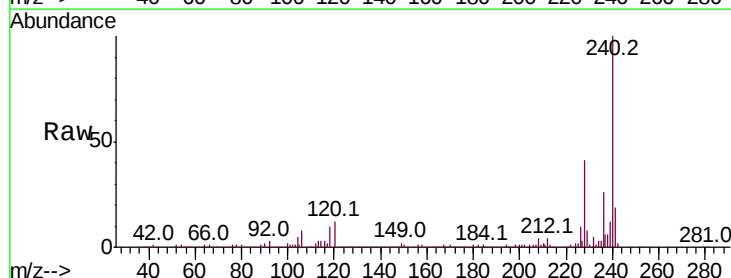
Manual Integrations
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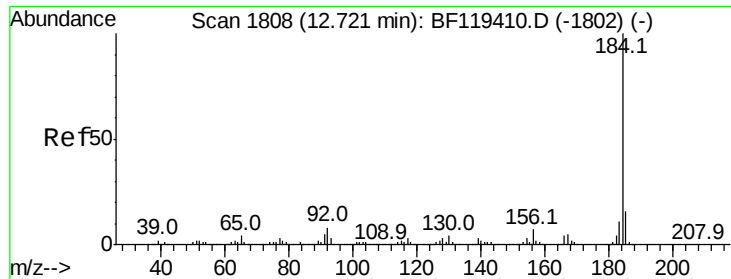
mohammad
 3/31/2020 8:15:08 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.6	15.8
236	26.4	20.2	30.2





#77

Benzidine

Concen: 36.135 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tot Ion:184 Resp: 1041792

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

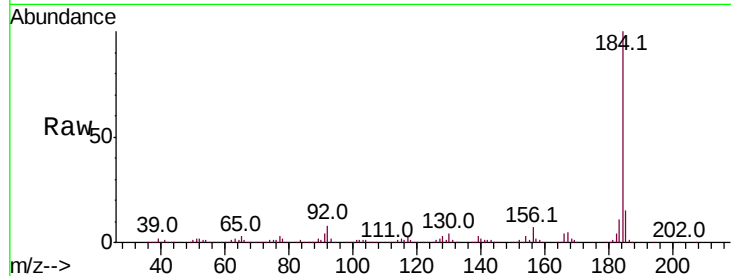
183 10.9 9.0 13.6

Manual Integrations

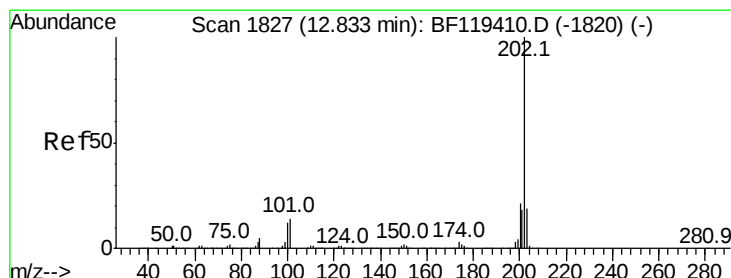
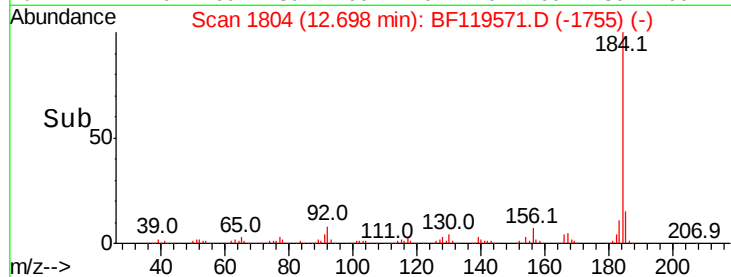
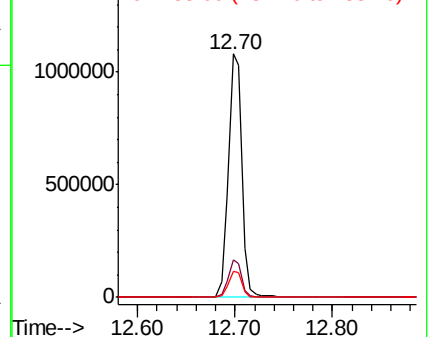
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.042 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

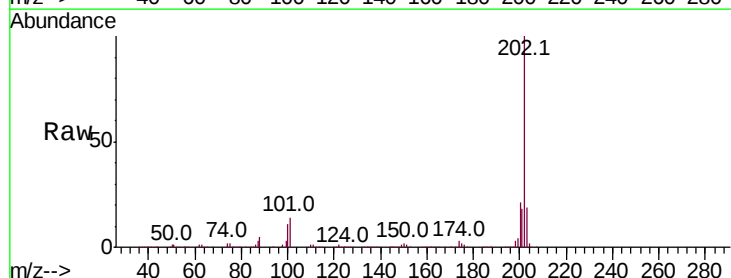
Tgt Ion:202 Resp: 2182809

Ion Ratio Lower Upper

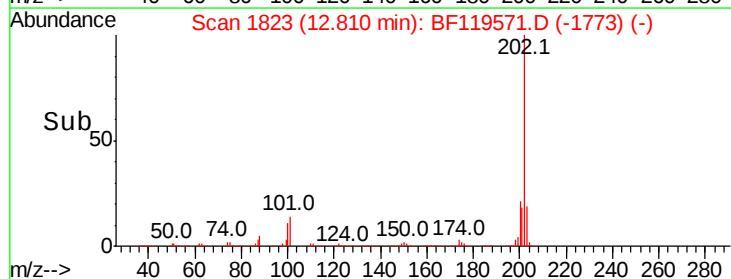
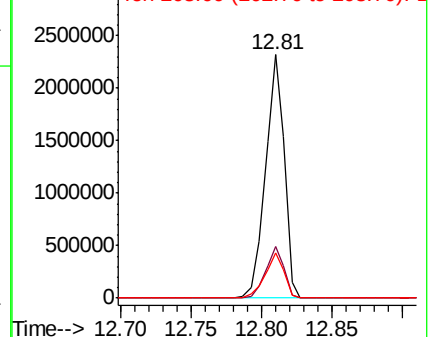
202 100

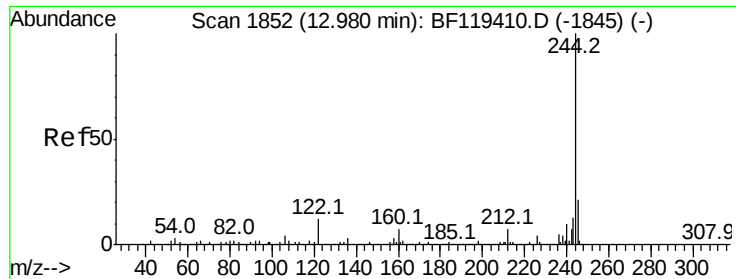
200 21.0 16.8 25.2

203 18.5 15.1 22.7



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





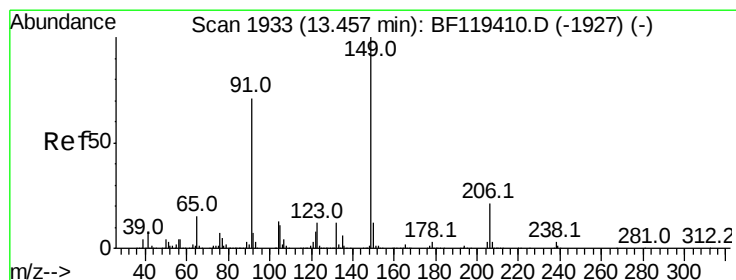
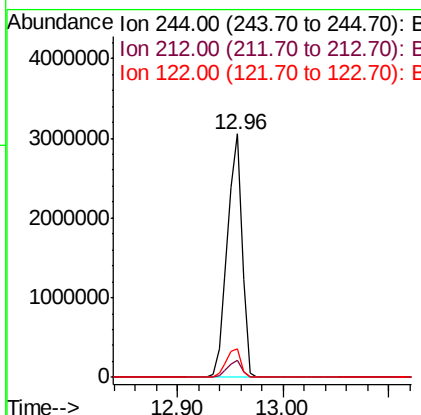
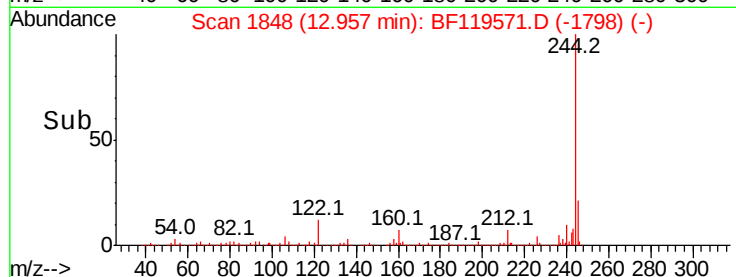
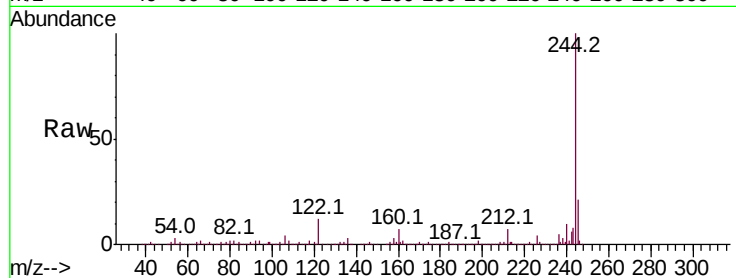
#79
 Terphenyl-d14
 Concen: 85.441 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	10.3	15.5

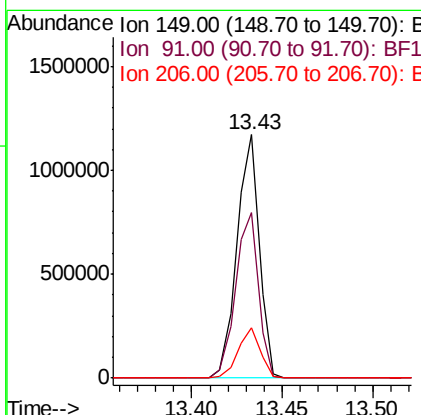
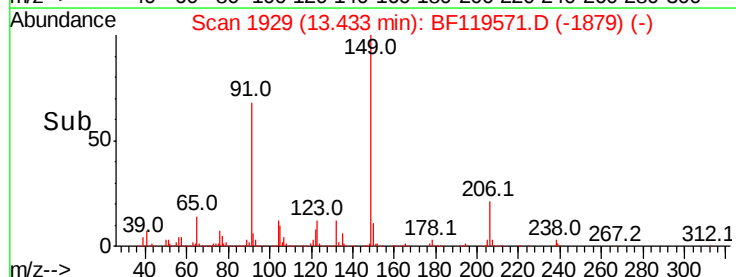
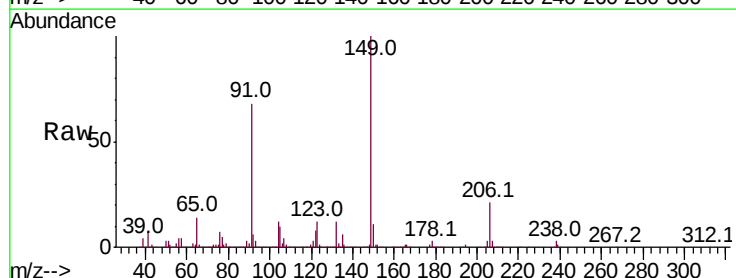
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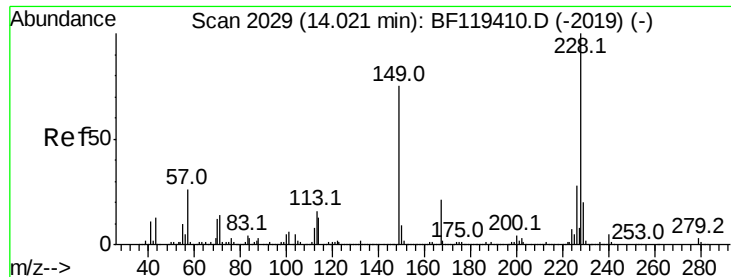
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.426 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.7	82.1
206	20.7	16.2	24.2





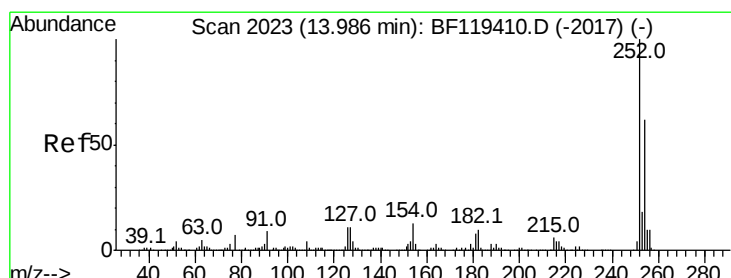
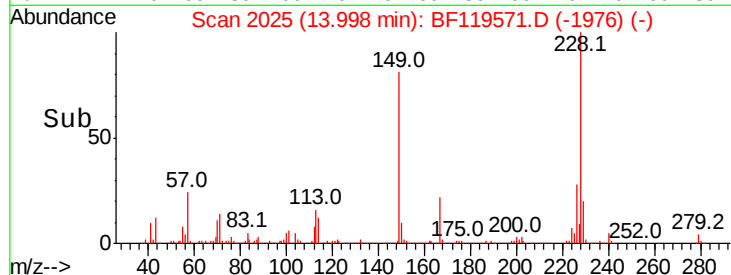
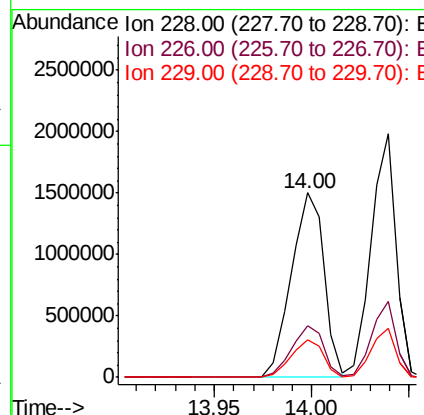
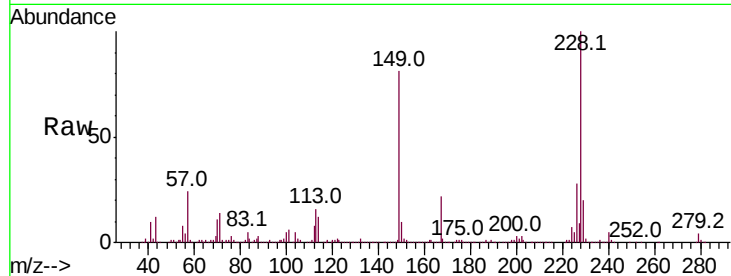
#81
Benzo(a)anthracene
Concen: 39.306 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion:228 Resp: 1741302
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.4 16.2 24.4

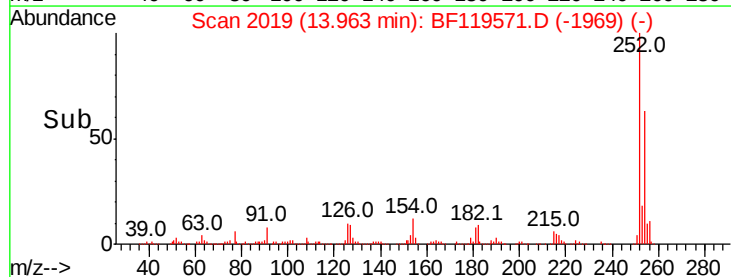
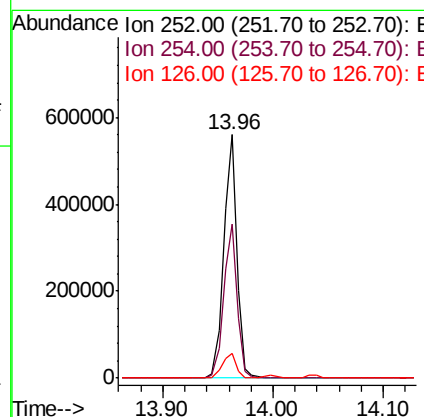
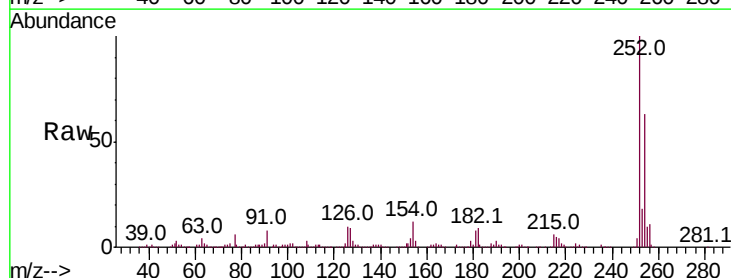
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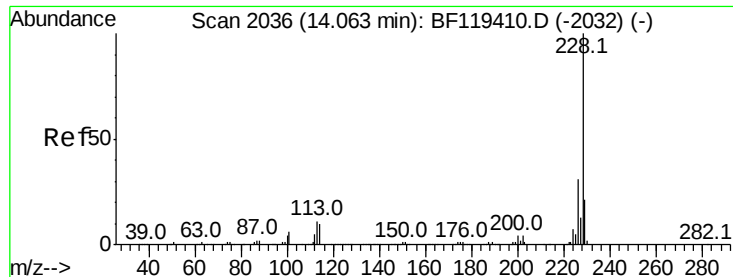
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.560 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:252 Resp: 463934
Ion Ratio Lower Upper
252 100
254 63.2 51.2 76.8
126 9.9 9.6 14.4





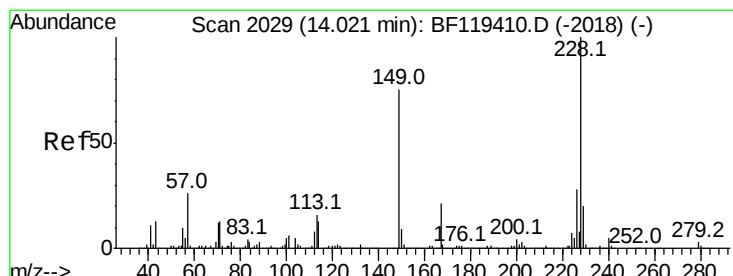
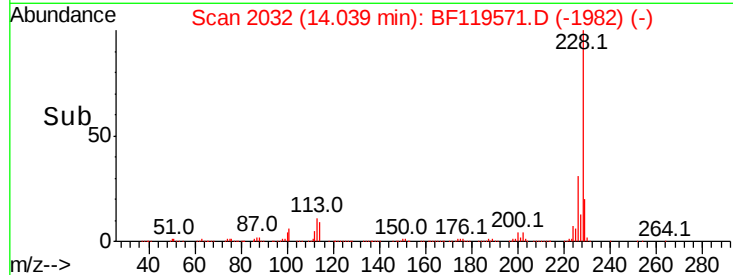
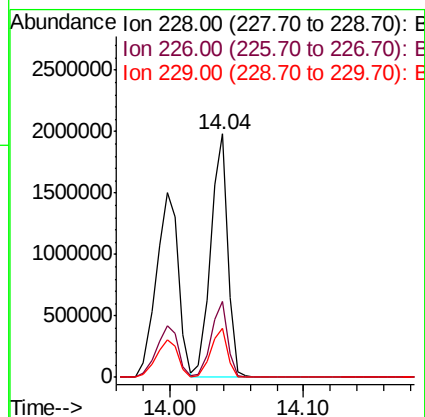
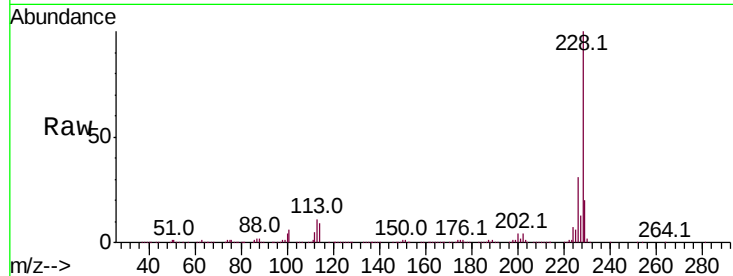
#83
 Chrysene
 Concen: 38.536 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tot Ion:228 Resp: 1761890
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.2 16.6 24.8

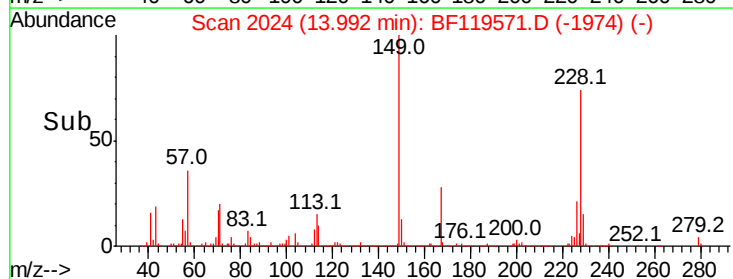
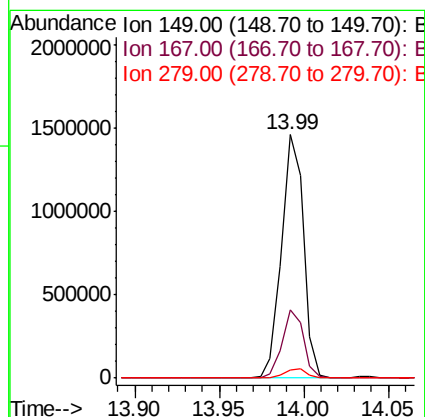
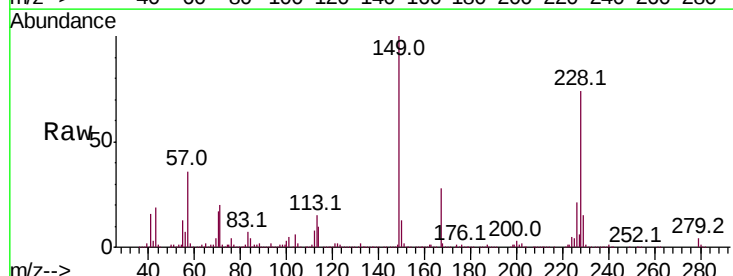
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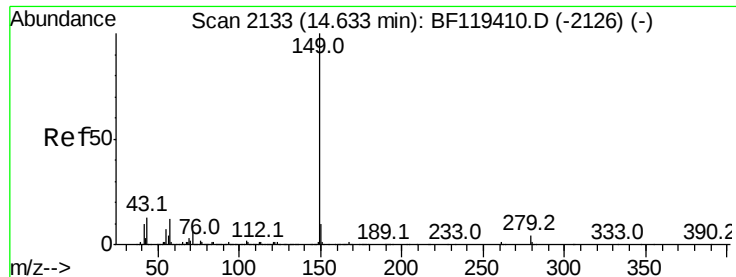
mohammad
 3/31/2020 8:15:08 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.005 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:149 Resp: 1321001
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.886 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tot Ion:149 Resp: 2317605

Ion Ratio Lower Upper

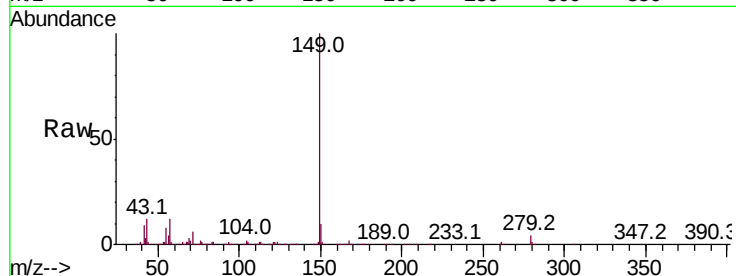
149 100

167 1.6 1.2 1.8

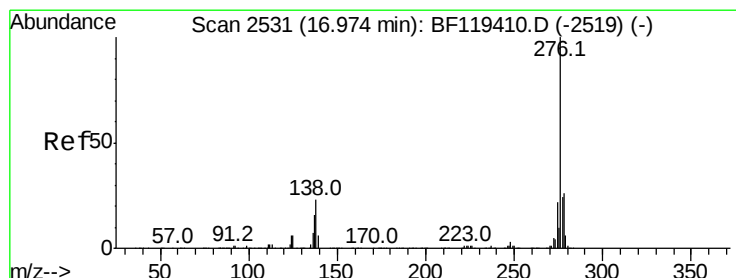
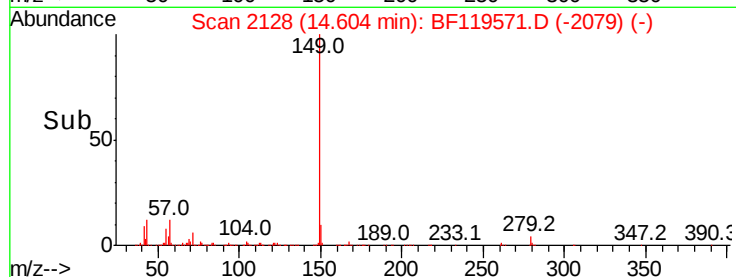
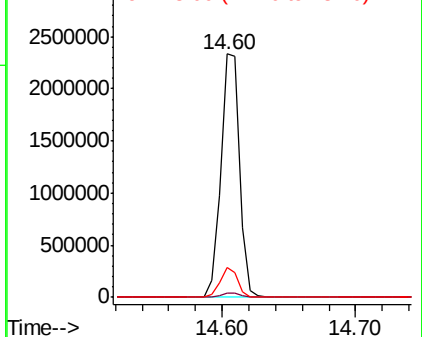
43 11.4 9.3 13.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.287 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

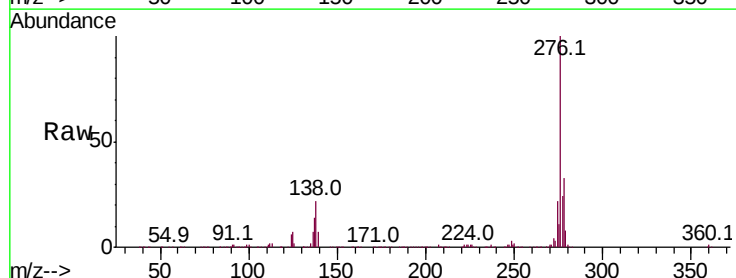
Tgt Ion:276 Resp: 1519448

Ion Ratio Lower Upper

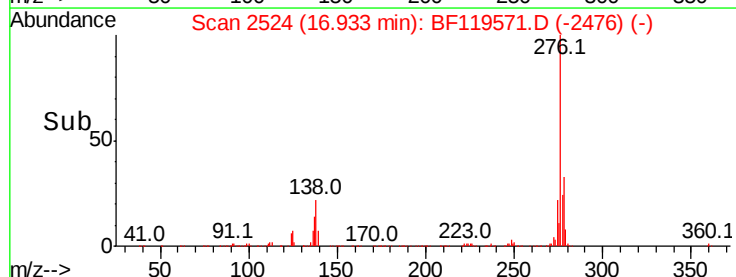
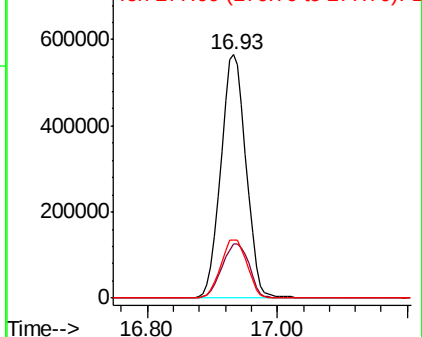
276 100

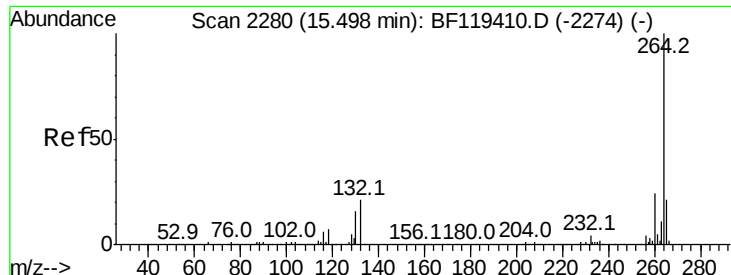
138 24.0 19.6 29.4

277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





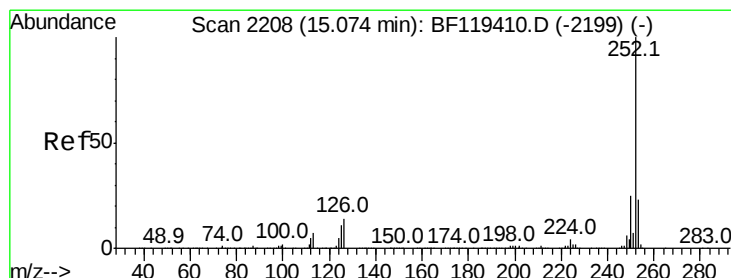
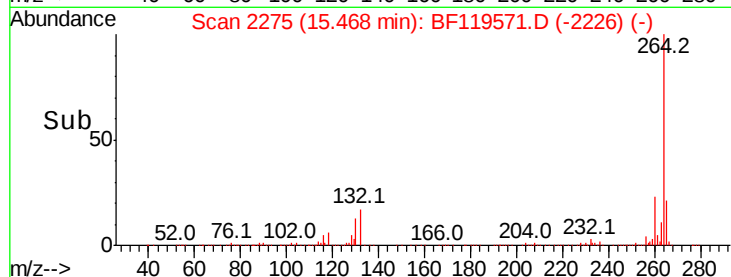
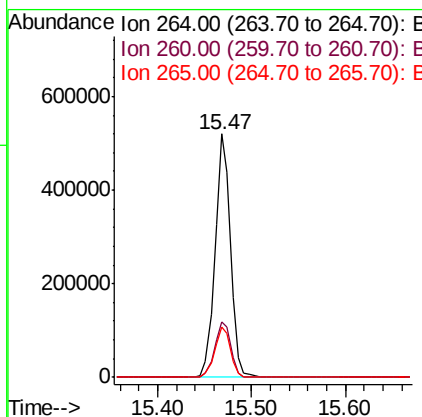
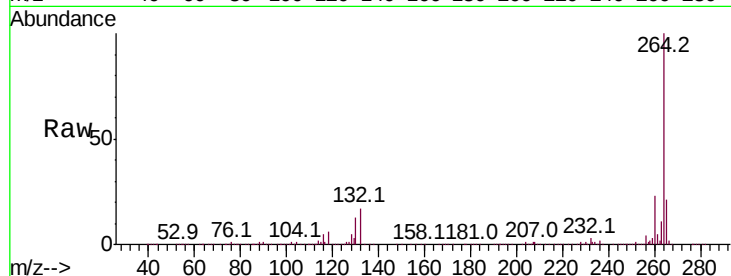
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.7	17.7	26.5

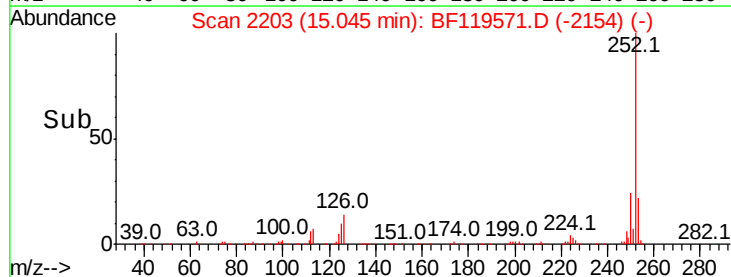
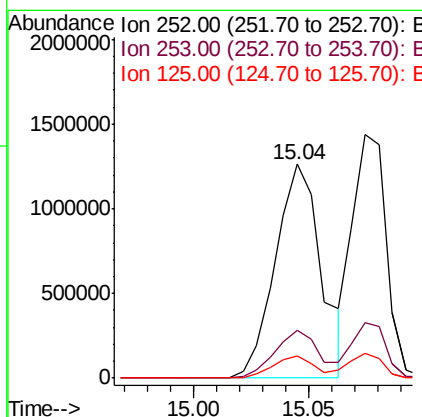
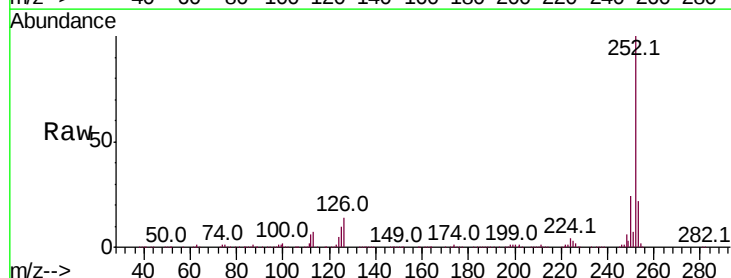
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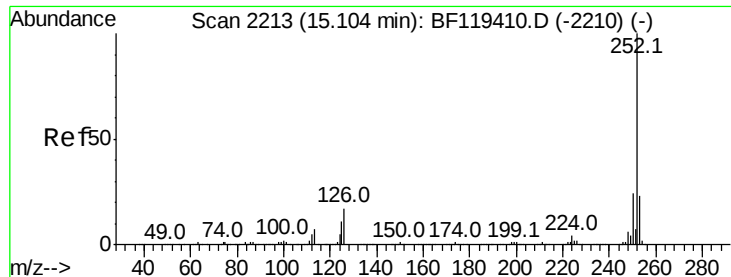
mohammad
3/31/2020 8:15:08 AM



#88
Benzo(b)fluoranthene
Concen: 43.490 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.4	7.9	11.9





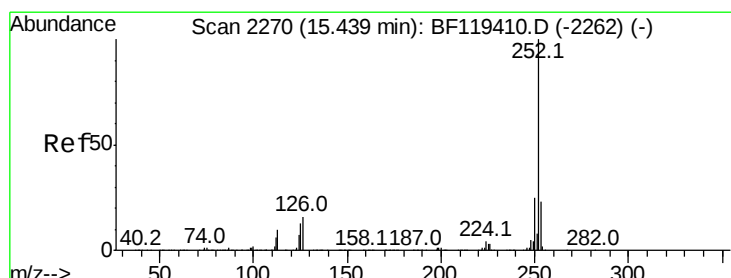
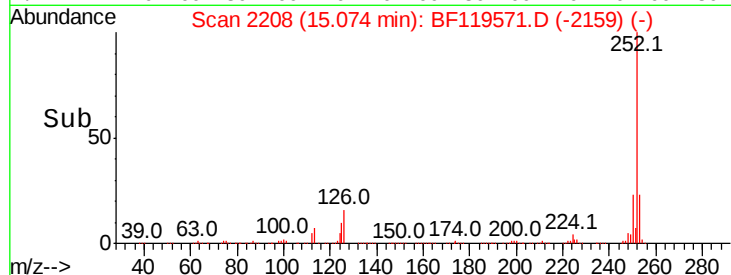
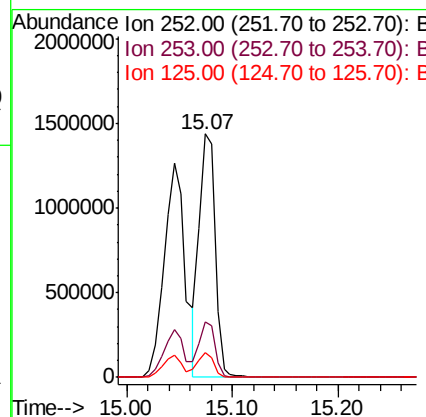
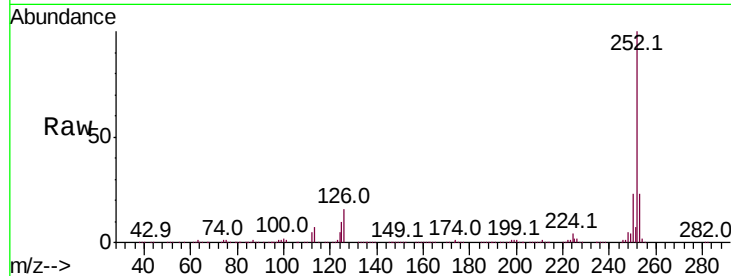
#89
Benzo(k)fluoranthene
Concen: 38.792 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tot Ion:252 Resp: 1477886
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.3 8.4 12.6

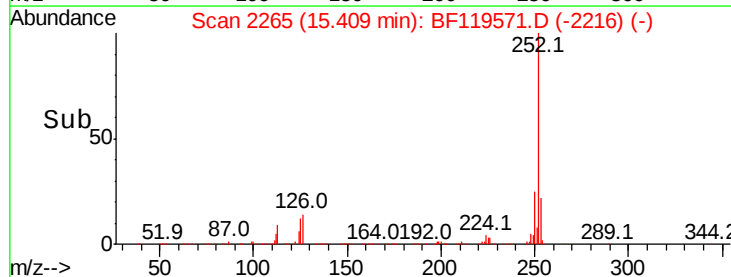
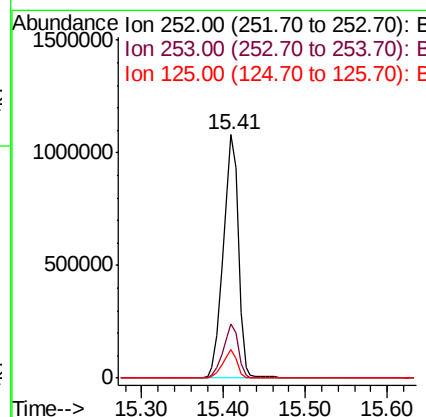
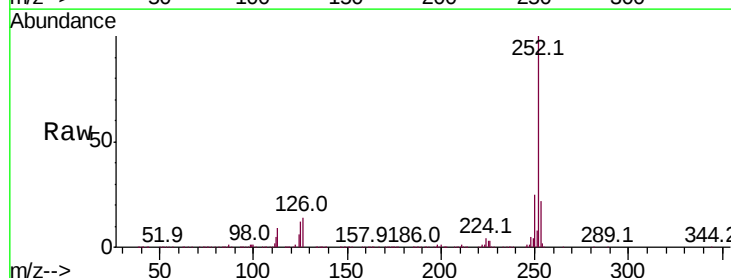
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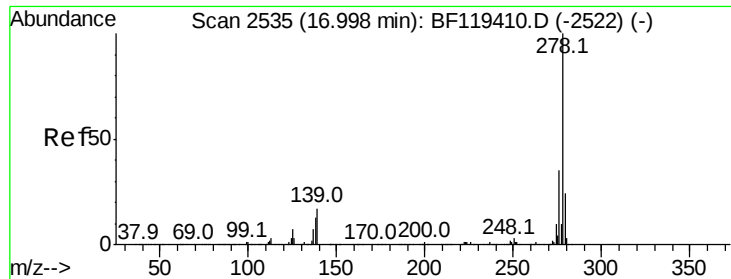
mohammad
3/31/2020 8:15:08 AM



#90
Benzo(a)pyrene
Concen: 38.705 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:252 Resp: 1407331
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.5 9.4 14.2





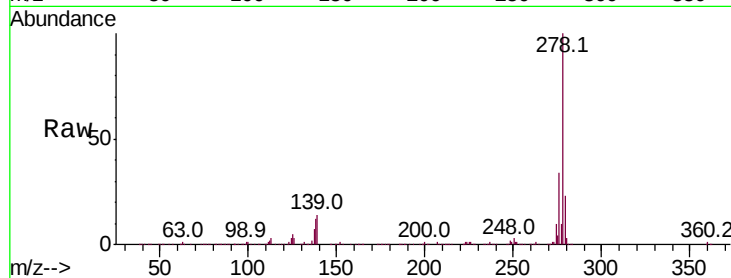
#91
Dibenzo(a,h)anthracene
Concen: 40.025 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

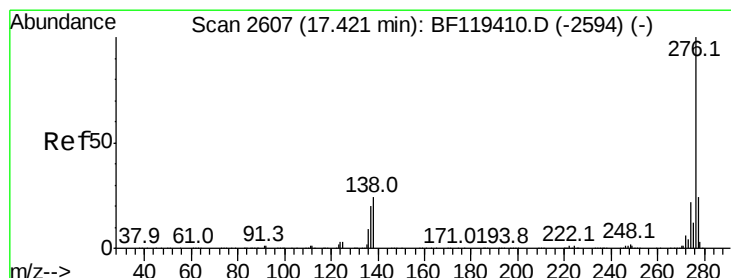
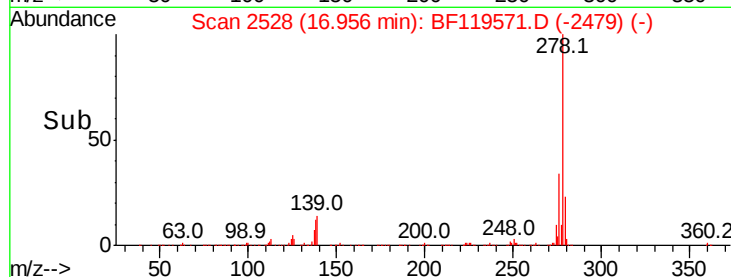
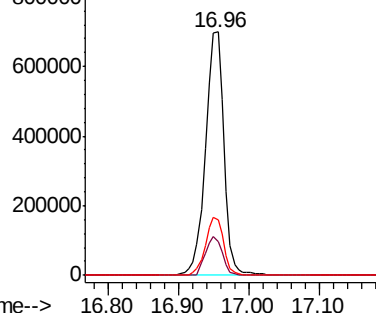
Tot Ion:278 Resp: 1272939
Ion Ratio Lower Upper
278 100
139 13.9 12.6 19.0
279 22.7 19.0 28.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:08 AM

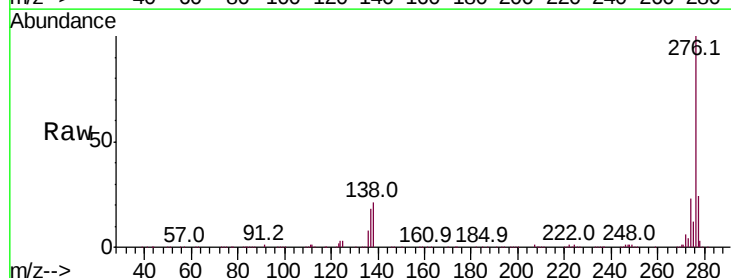


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.473 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:276 Resp: 1261191
Ion Ratio Lower Upper
276 100
277 24.1 18.4 27.6
138 20.7 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

