

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121150.D
 Acq On : 31 Jul 2020 11:09
 Operator : JU/CG
 Sample : PB130555BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:50 PM

Quant Time: Jul 31 11:45:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133380	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	501501	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	252115	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	458929	20.00	ng	0.00
76) Chrysene-d12	13.97	240	346125	20.00	ng	0.00
86) Perylene-d12	15.42	264	348070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	870691	107.02	ng	0.00
7) Phenol-d6	6.45	99	1051485	100.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	671464	77.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	305822	110.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1197584	70.92	ng	-0.01
79) Terphenyl-d14	12.92	244	1140699	71.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	135476	36.180	ng	99
3) Pyridine	3.32	79	325258	32.653	ng	98
4) n-Nitrosodimethylamine	3.26	42	160230	37.618	ng	90
6) Aniline	6.46	93	417105	30.404	ng	95
8) 2-Chlorophenol	6.59	128	358223	39.967	ng	99
9) Benzaldehyde	6.35	77	244868	52.036	ng	96
10) Phenol	6.46	94	407601	35.256	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	338454	38.199	ng	100
12) 1,3-Dichlorobenzene	6.74	146	367975	37.861	ng	99
13) 1,4-Dichlorobenzene	6.82	146	374046	38.704	ng	99
14) 1,2-Dichlorobenzene	6.97	146	357558	39.108	ng	99
15) Benzyl Alcohol	6.95	79	274089	36.878	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	451738	35.373	ng	93
17) 2-Methylphenol	7.06	107	282326	35.539	ng	97
18) Hexachloroethane	7.31	117	139466	39.871	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	212419	35.544	ng	99
20) 3+4-Methylphenols	7.22	107	322859	31.948	ng	99
22) Acetophenone	7.21	105	443050	39.364	ng	96
24) Nitrobenzene	7.38	77	350555	37.527	ng	98
25) Isophorone	7.62	82	635839	36.759	ng	98
26) 2-Nitrophenol	7.70	139	188538	42.497	ng	98
27) 2,4-Dimethylphenol	7.74	122	299853	41.628	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	407964	38.638	ng	99
29) 2,4-Dichlorophenol	7.95	162	283529	38.520	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	312859	38.311	ng	98
31) Naphthalene	8.10	128	974140	37.868	ng	100
32) Benzoic acid	7.87	122	105378	19.489	ng	98
33) 4-Chloroaniline	8.15	127	358812	31.267	ng	99
34) Hexachlorobutadiene	8.22	225	182000	37.806	ng	100
35) Caprolactam	8.53	113	86332m	36.575	ng	
36) 4-Chloro-3-methylphenol	8.65	107	286743	37.984	ng	98
37) 2-Methylnaphthalene	8.80	142	654223	39.168	ng	100
38) 1-Methylnaphthalene	8.90	142	614760	38.861	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	305286	41.561	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	300541	74.030	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	197923	38.269	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	209487	35.708	nq	95
46) 1,1'-Biphenyl	9.26	154	776473	40.375	nq	99
47) 2-Chloronaphthalene	9.29	162	598313	38.159	nq	98
48) 2-Nitroaniline	9.39	65	180213	38.032	nq	91
49) Acenaphthylene	9.70	152	956001	39.247	nq	99
50) Dimethylphthalate	9.56	163	698987	38.430	nq	98
51) 2,6-Dinitrotoluene	9.63	165	155401	39.769	nq	93
52) Acenaphthene	9.87	154	548562	35.422	nq	99
53) 3-Nitroaniline	9.79	138	128709	26.262	nq	97
54) 2,4-Dinitrophenol	9.91	184	124437	57.432	nq	90
55) Dibenzofuran	10.05	168	831276	37.119	nq	100
56) 4-Nitrophenol	9.97	139	218255	58.626	nq	93
57) 2,4-Dinitrotoluene	10.03	165	199370	38.852	nq	# 91
58) Fluorene	10.39	166	631165	37.789	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	164738	36.881	nq	97
60) Diethylphthalate	10.26	149	686710	37.327	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	313669	35.209	nq	97
62) 4-Nitroaniline	10.41	138	165714	34.712	nq	99
63) Azobenzene	10.55	77	642996	36.712	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	95640	36.968	nq	91
66) n-Nitrosodiphenylamine	10.50	169	584361	40.477	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	201930	39.465	nq	98
68) Hexachlorobenzene	10.94	284	225700	40.777	nq	95
69) Atrazine	11.03	200	163069	45.608	nq	99
70) Pentachlorophenol	11.14	266	203030	64.030	nq	99
71) Phenanthrene	11.35	178	923117	39.110	nq	99
72) Anthracene	11.40	178	947048	39.959	nq	100
73) Carbazole	11.56	167	874429	37.177	nq	99
74) Di-n-butylphthalate	11.89	149	1066017	39.274	nq	100
75) Fluoranthene	12.55	202	1004880	38.410	nq	98
77) Benzidine	12.66	184	476458	52.357	nq	99
78) Pyrene	12.77	202	1025447	41.904	nq	99
80) Butylbenzylphthalate	13.39	149	448243	41.090	nq	99
81) Benzo(a)anthracene	13.96	228	864944	41.267	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	276436	34.959	nq	99
83) Chrysene	14.00	228	841970	38.226	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	615972	45.791	nq	100
85) Di-n-octyl phthalate	14.56	149	1077530	40.262	nq	98
87) Indeno(1,2,3-cd)pyrene	16.87	276	955035	39.453	nq	99
88) Benzo(b)fluoranthene	15.00	252	841784	40.010	nq	99
89) Benzo(k)fluoranthene	15.03	252	823514	42.918	nq	99
90) Benzo(a)pyrene	15.36	252	765665	39.887	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	793595	40.134	nq	98
92) Benzo(g,h,i)perylene	17.30	276	811242	41.609	nq	98

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

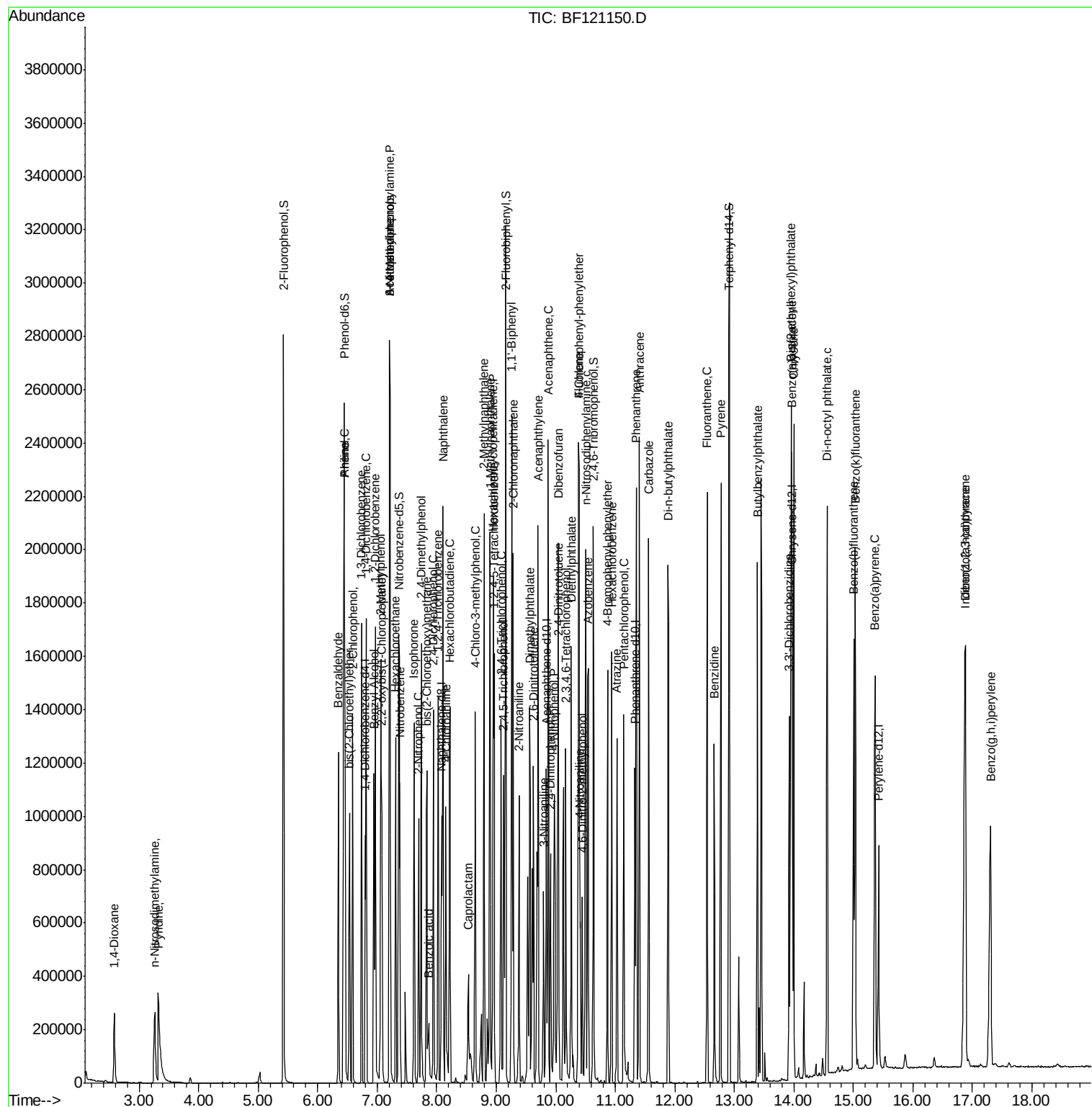
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121150.D
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Sample : PB130555BS
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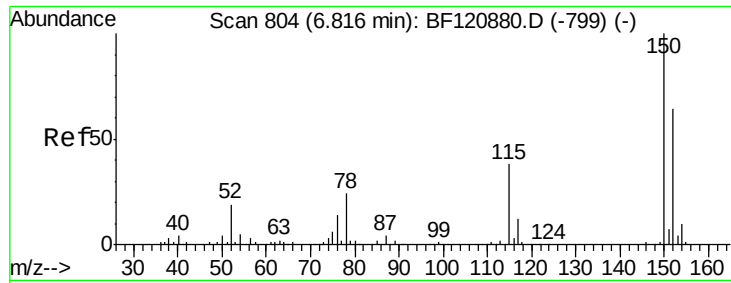
Instrument :
BNA_F
ClientSampleId :
PB130555BS

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#1

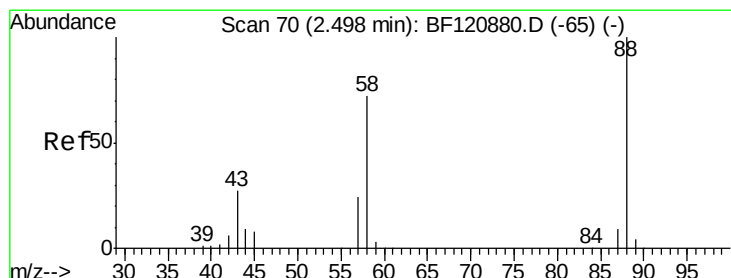
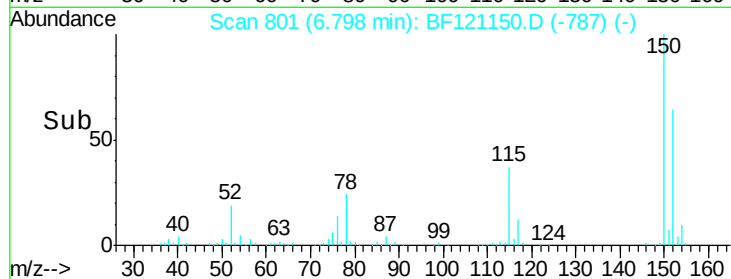
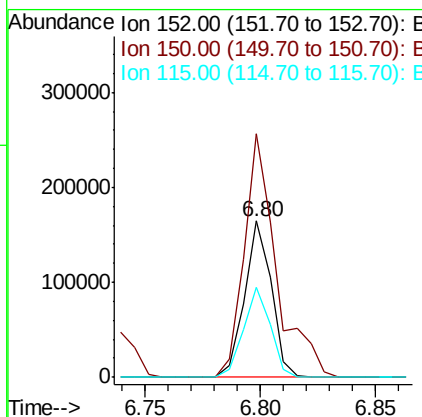
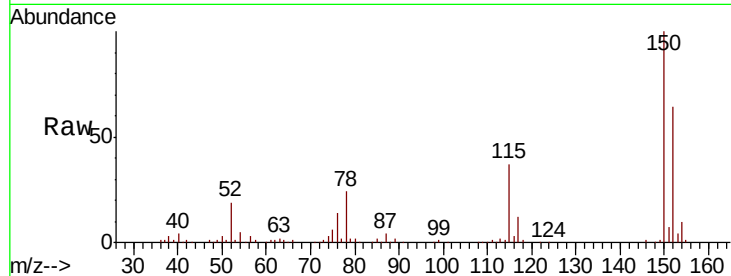
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.0	187.6
115	57.8	47.0	70.4

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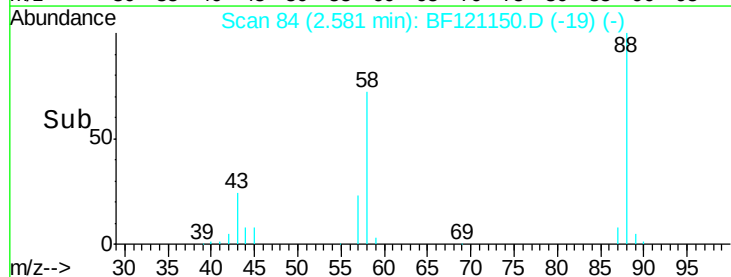
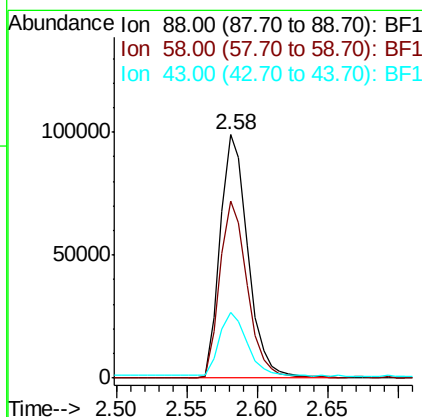
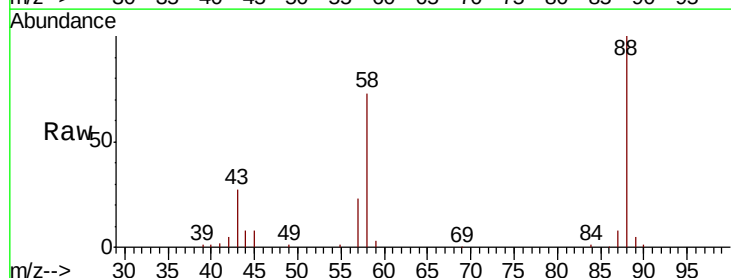
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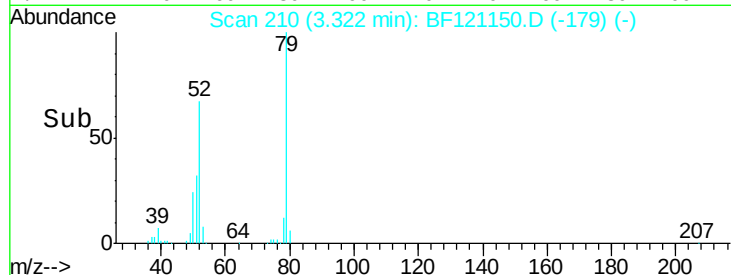
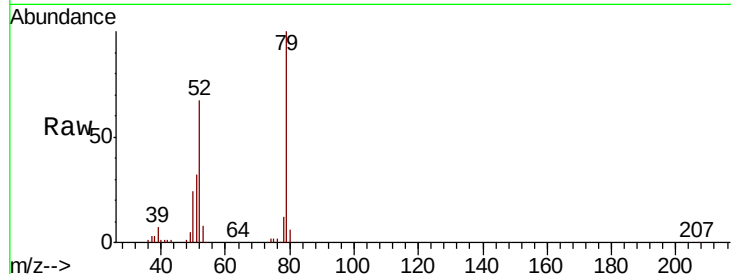
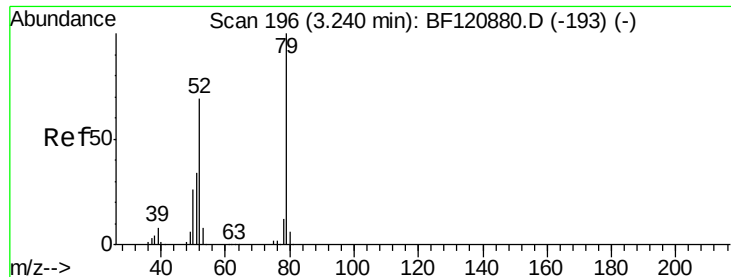


#2

1,4-Dioxane
Concen: 36.180 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	26.1	22.1	33.1





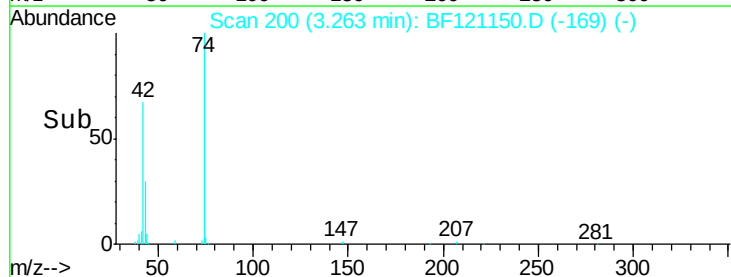
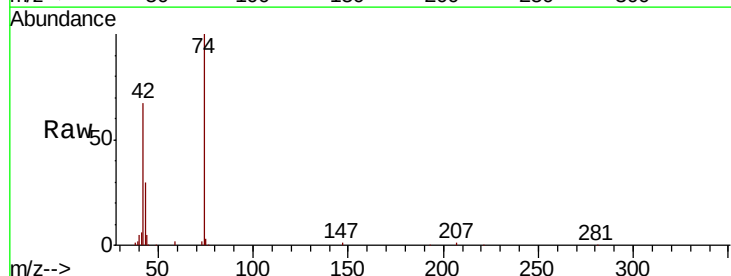
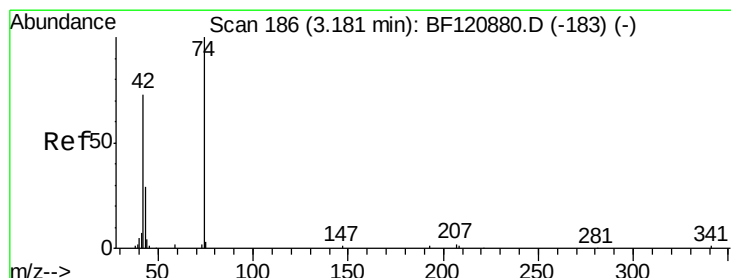
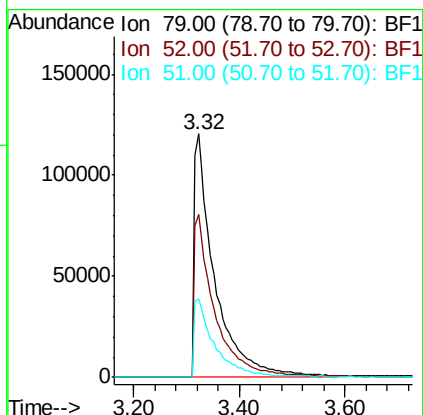
#3
Pvridine
Concen: 32.653 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.08 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.9	55.0	82.6
51	32.5	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB130555BS

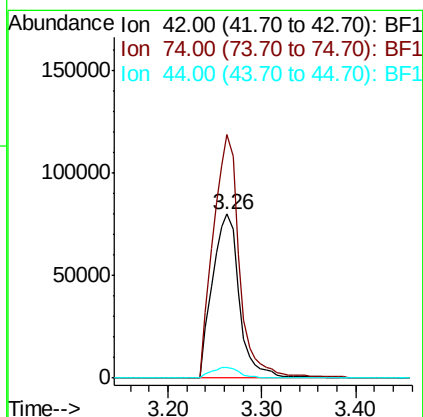
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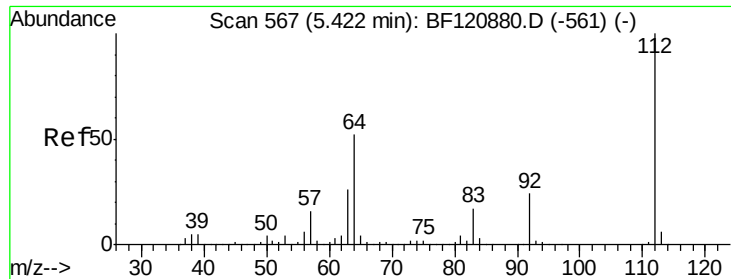
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#4
n-Nitrosodimethylamine
Concen: 37.618 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.08 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.8	108.7	163.1
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 107.016 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

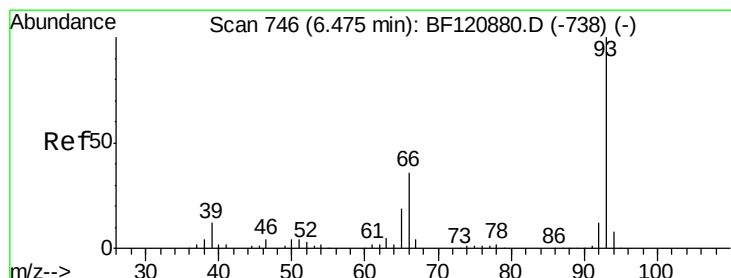
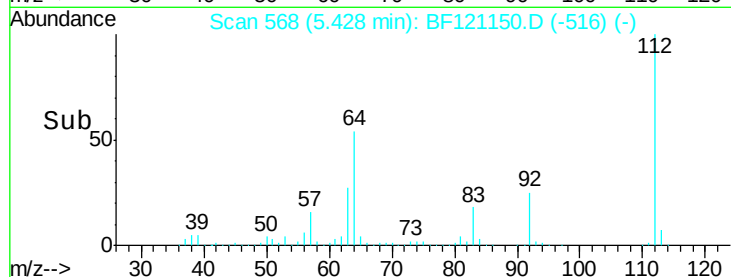
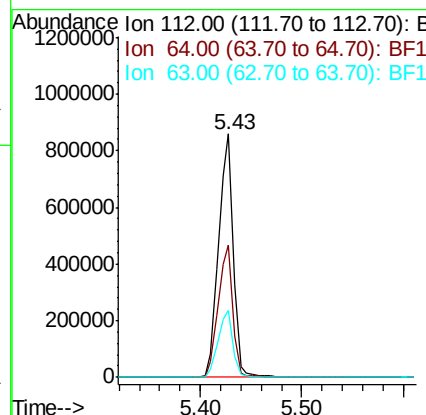
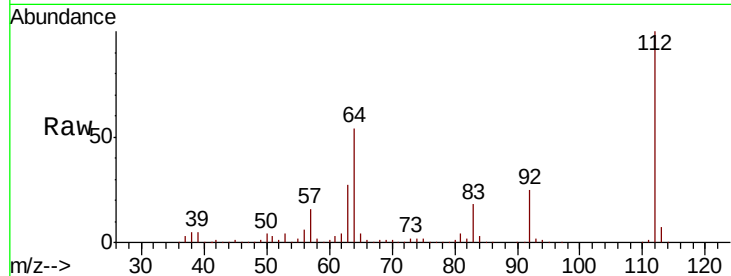
ClientSampleId :

PB130555BS

Tot Ion:	112	Resp:	870691
Ion Ratio	Lower	Upper	
112	100		
64	54.1	41.3	61.9
63	27.5	21.1	31.7

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#6

Aniline

Concen: 30.404 ng

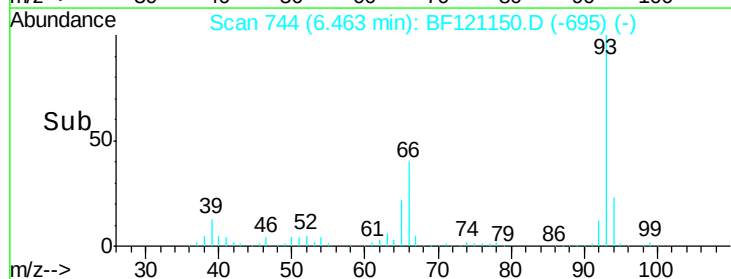
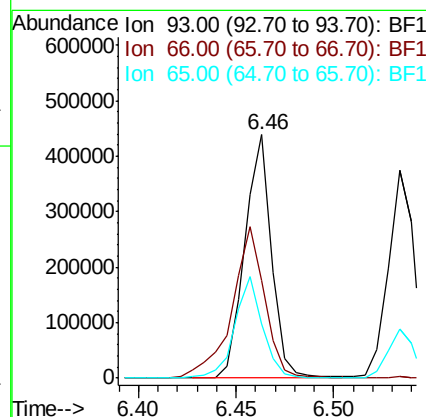
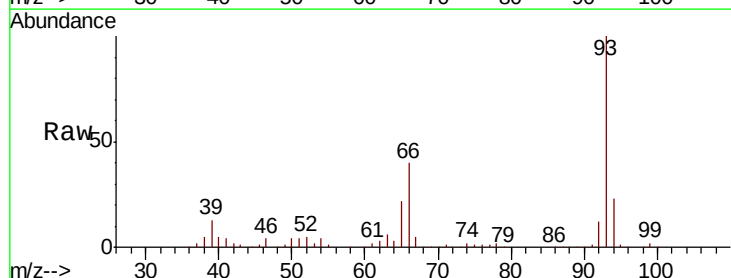
RT: 6.46 min Scan# 744

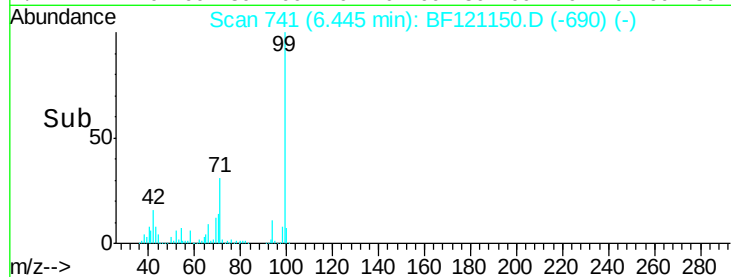
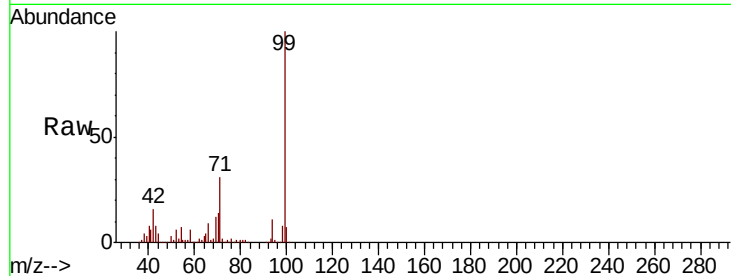
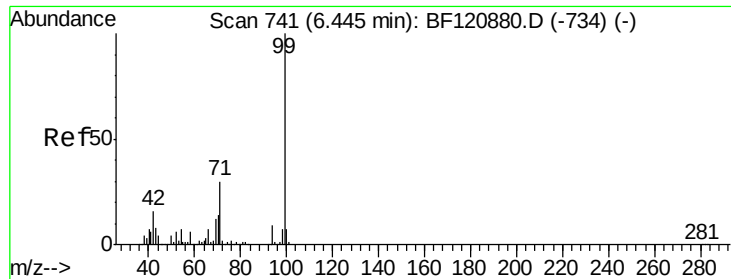
Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	93	Resp:	417105
Ion Ratio	Lower	Upper	
93	100		
66	40.3	30.2	45.4
65	22.1	15.8	23.6





#7

Phenol-d6

Concen: 100.048 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tot Ion: 99 Resp: 1051485

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 30.6 24.2 36.4

Instrument :

BNA_F

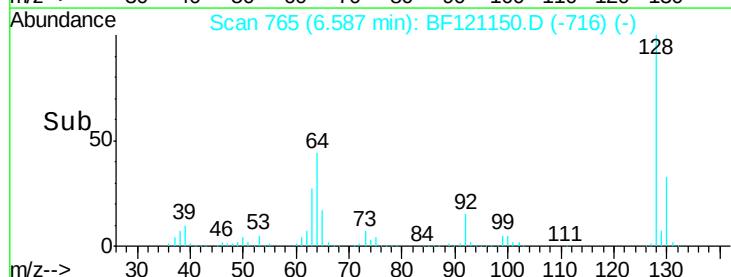
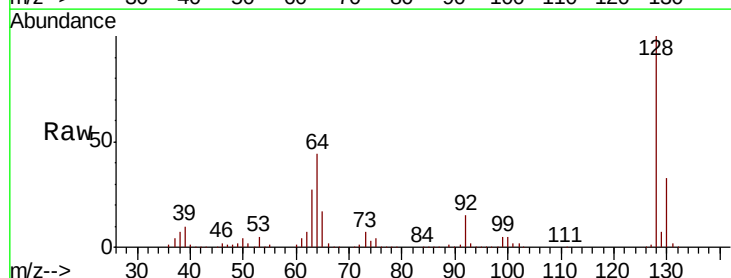
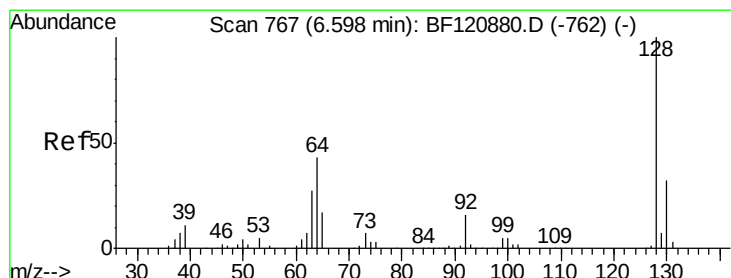
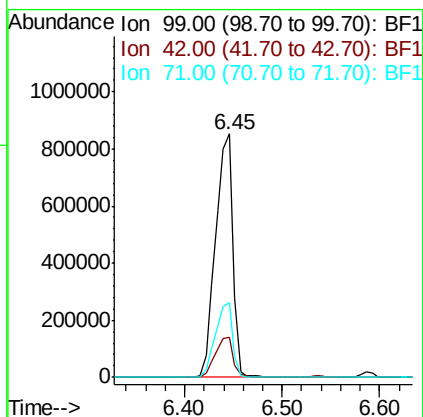
ClientSampleId :

PB130555BS

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#8

2-Chlorophenol

Concen: 39.967 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

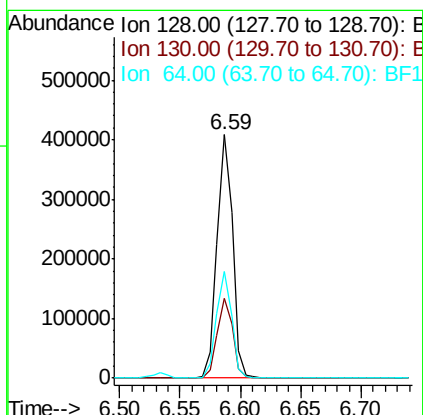
Tgt Ion: 128 Resp: 358223

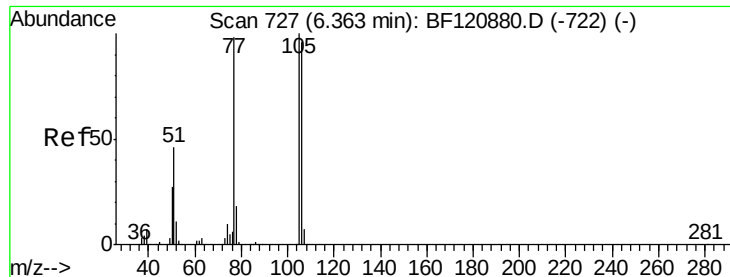
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 43.8 24.0 64.0





#9

Benzaldehyde

Concen: 52.036 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

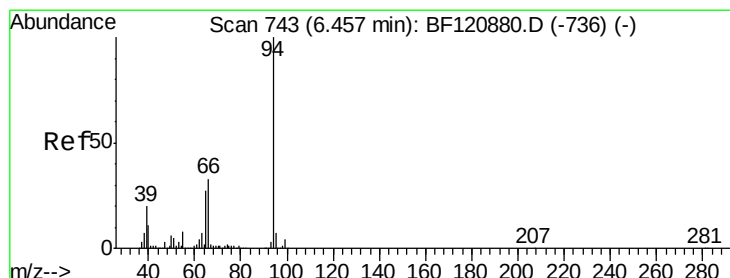
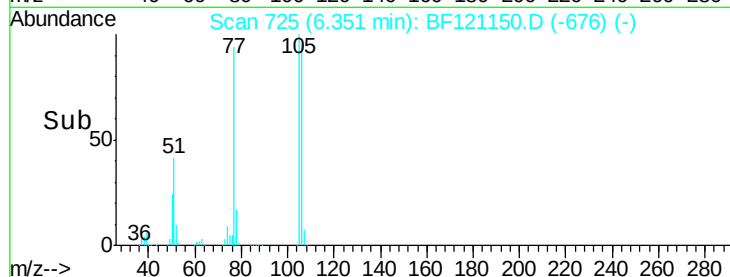
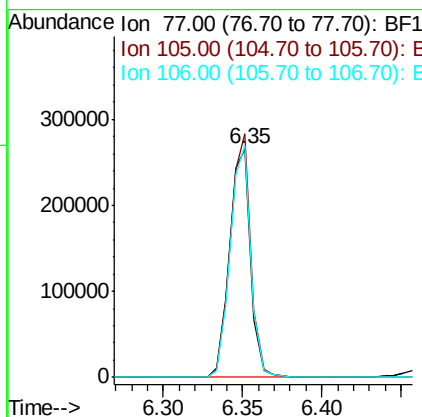
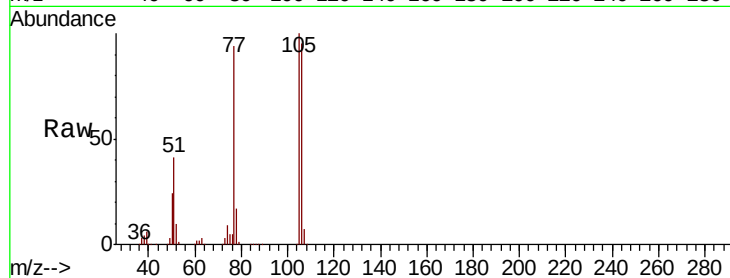
ClientSampleId :

PB130555BS

Tot Ion:	77	Resp:	244868
Ion	Ratio	Lower	Upper
77	100		
105	106.7	82.5	122.5
106	101.7	78.7	118.7

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#10

Phenol

Concen: 35.256 ng

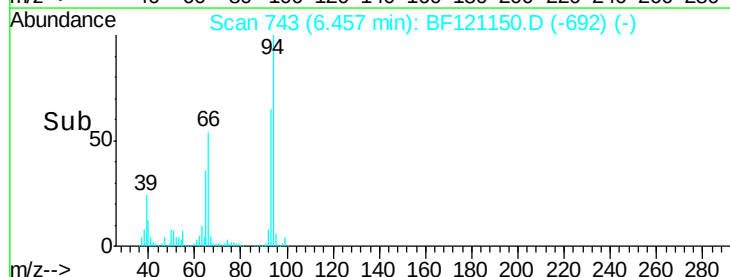
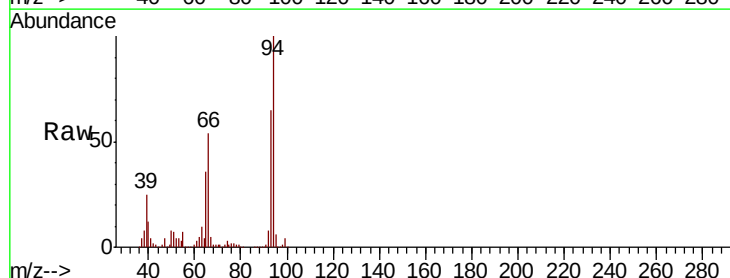
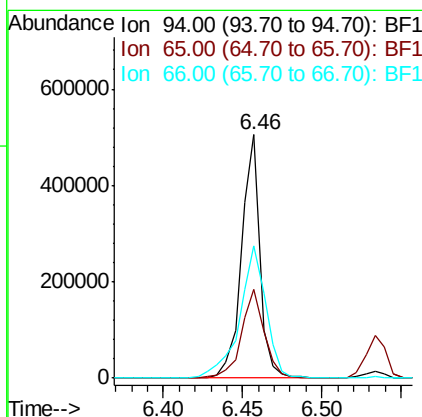
RT: 6.46 min Scan# 743

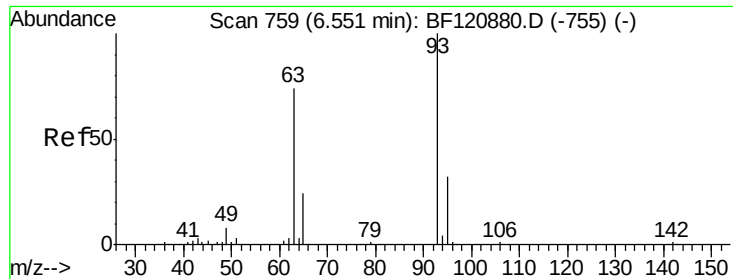
Delta R.T. 0.00 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	94	Resp:	407601
Ion	Ratio	Lower	Upper
94	100		
65	36.4	6.6	46.6
66	54.2	13.2	53.2#





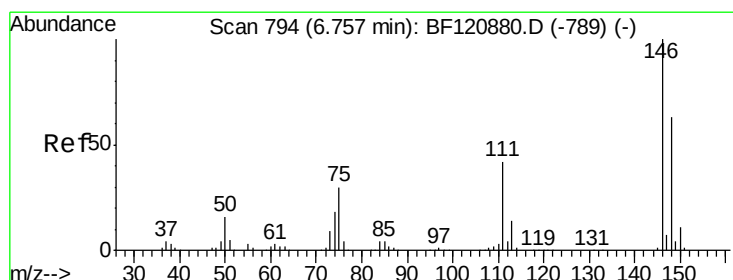
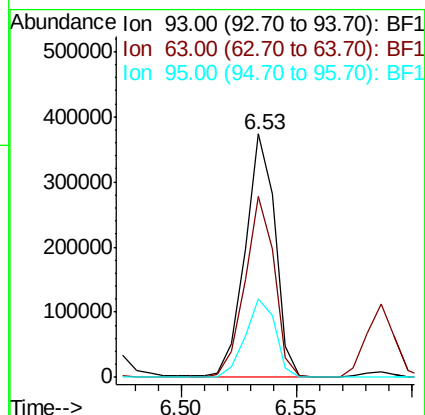
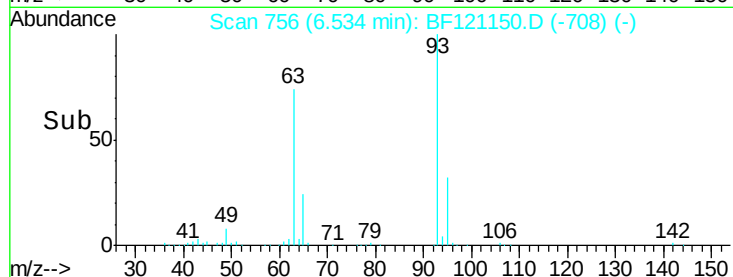
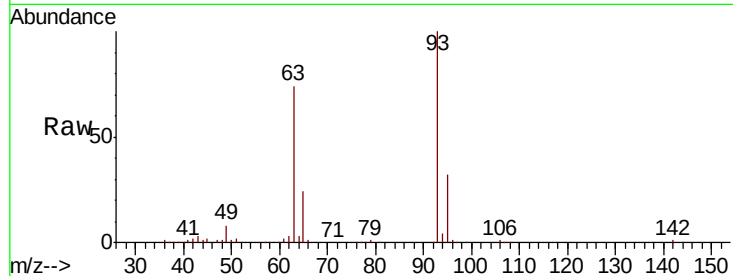
#11
bis(2-Chloroethyl)ether
Concen: 38.199 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion:	93	Resp:	338454
Ion Ratio	Lower	Upper	
93	100		
63	74.1	54.2	94.2
95	32.3	12.2	52.2

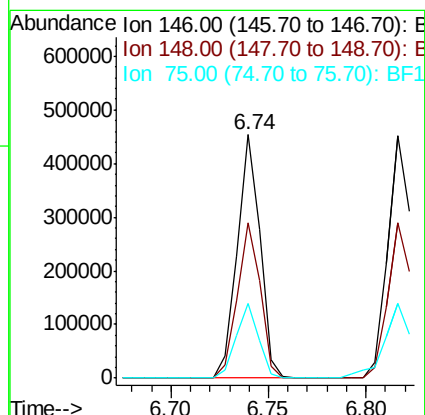
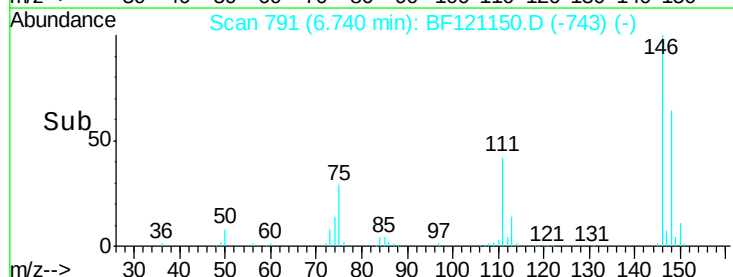
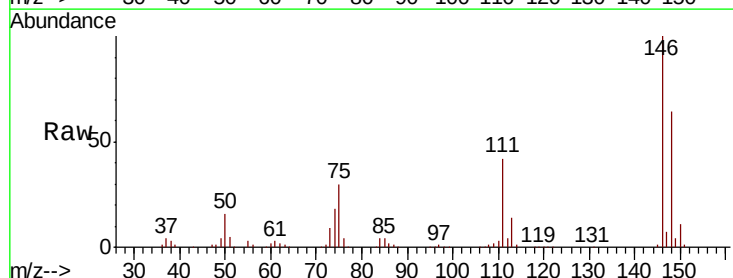
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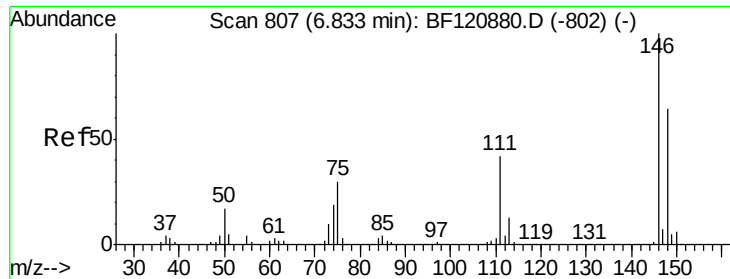
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#12
1,3-Dichlorobenzene
Concen: 37.861 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion:	146	Resp:	367975
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
75	30.5	24.1	36.1





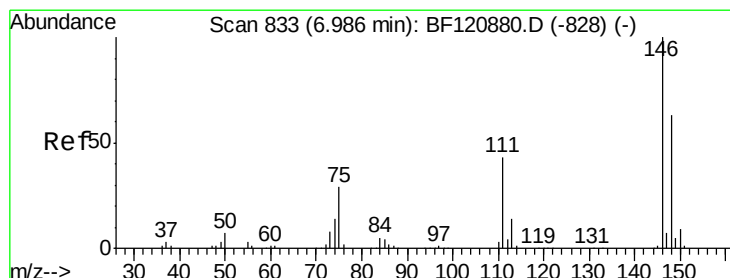
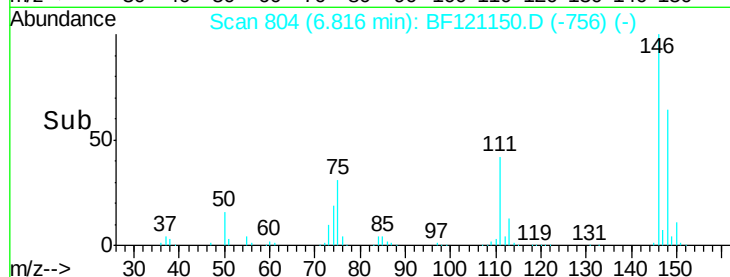
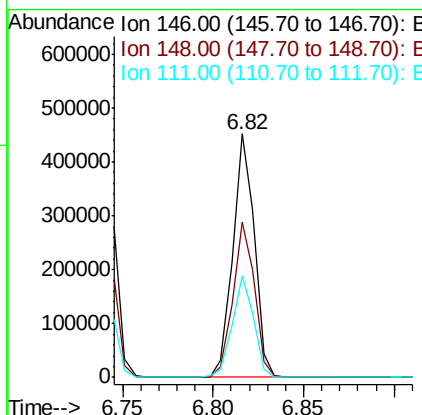
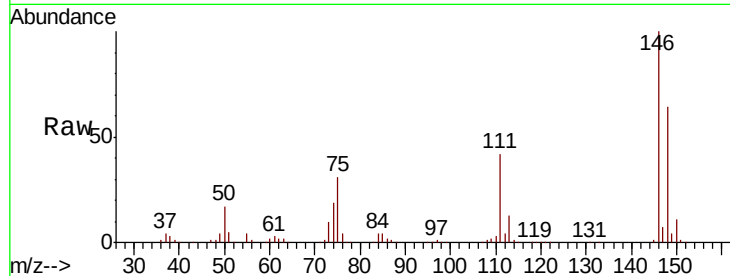
#13
 1,4-Dichlorobenzene
 Concen: 38.704 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampled :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	41.9	33.5	50.3

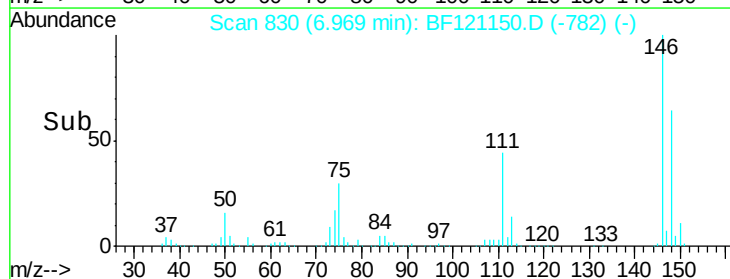
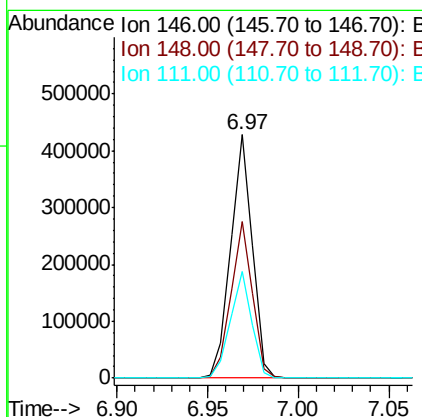
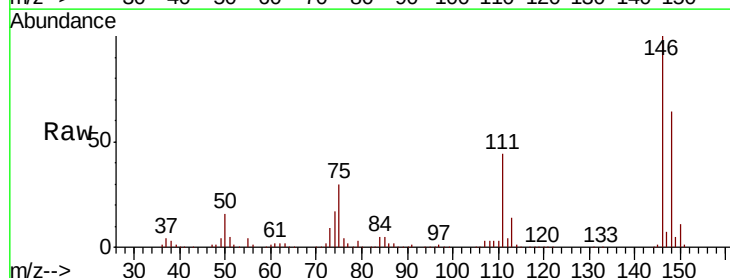
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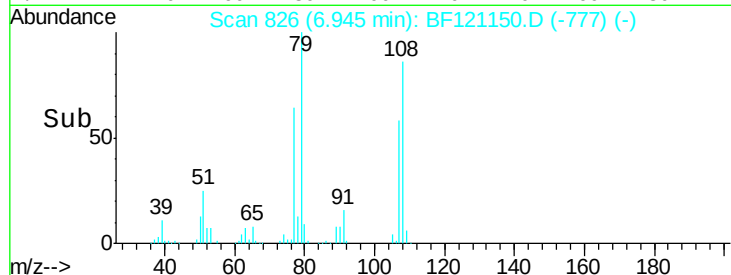
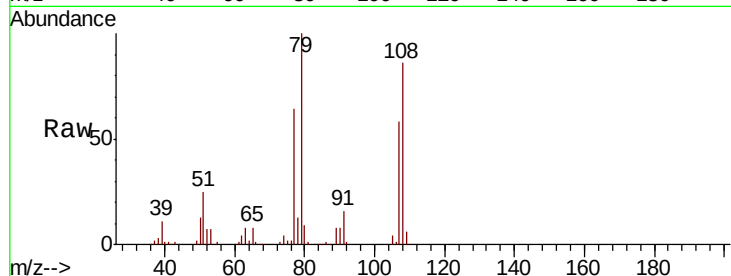
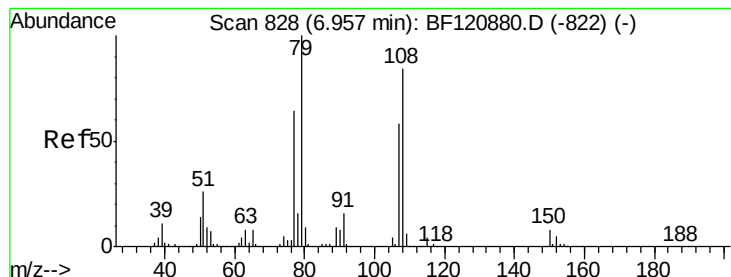
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#14
 1,2-Dichlorobenzene
 Concen: 39.108 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	43.7	34.2	51.2





#15

Benzyl Alcohol

Concen: 36.878 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tot Ion:	79	Resp:	274089
Ion Ratio	Lower	Upper	
79	100		
108	85.7	67.0	100.6
77	64.2	51.0	76.4

Instrument :

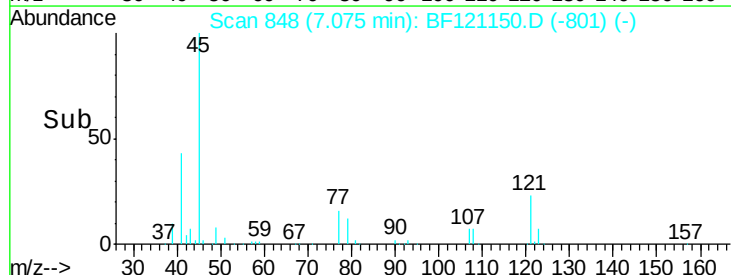
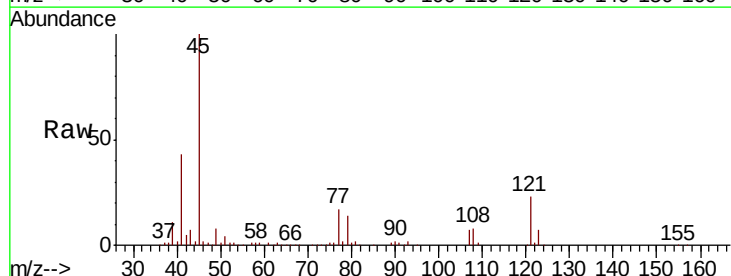
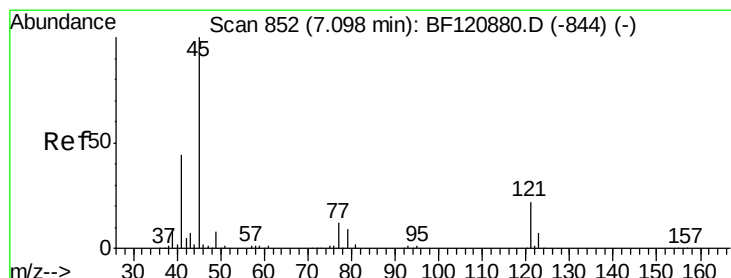
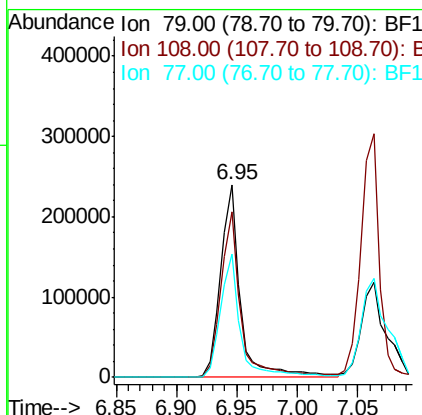
BNA_F

ClientSampleId :

PB130555BS

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.373 ng

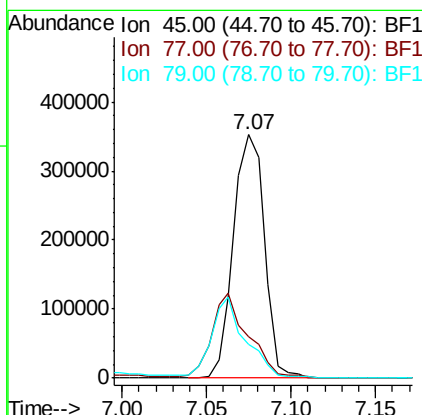
RT: 7.07 min Scan# 848

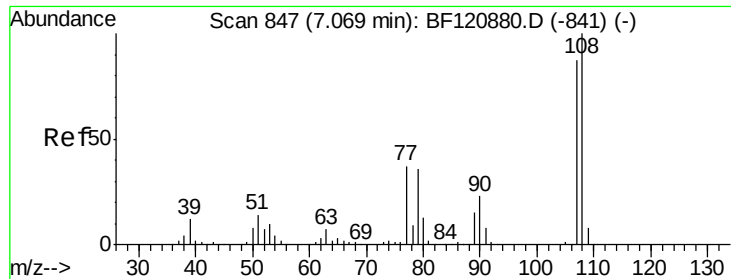
Delta R.T. -0.02 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	45	Resp:	451738
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	34.3
79	13.6	0.0	31.0





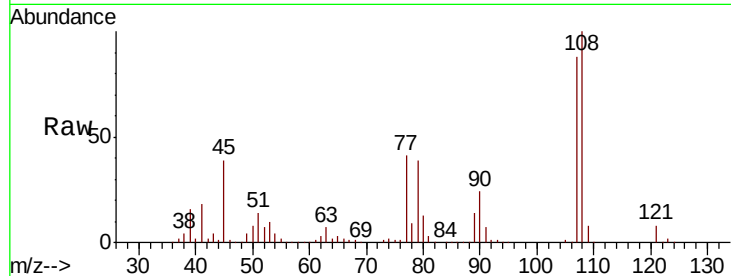
#17
2-Methylphenol
Concen: 35.539 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	282326		
108	114.1	92.0	138.0	
77	46.5	34.0	51.0	
79	44.5	33.3	49.9	

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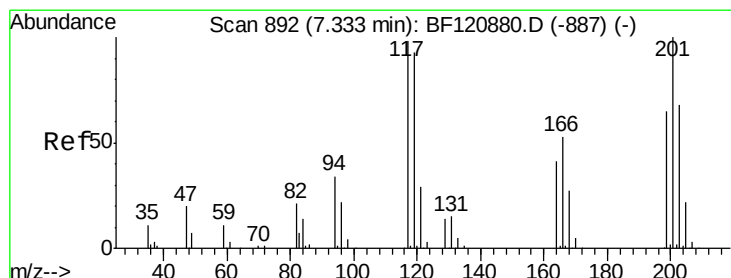
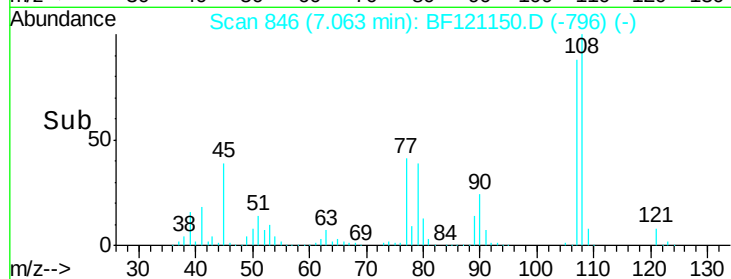
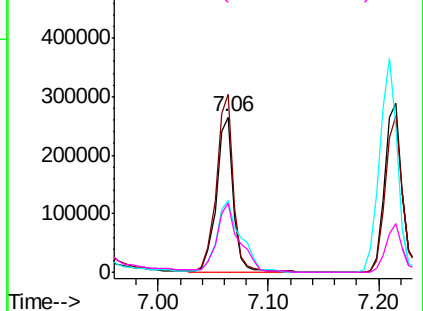
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

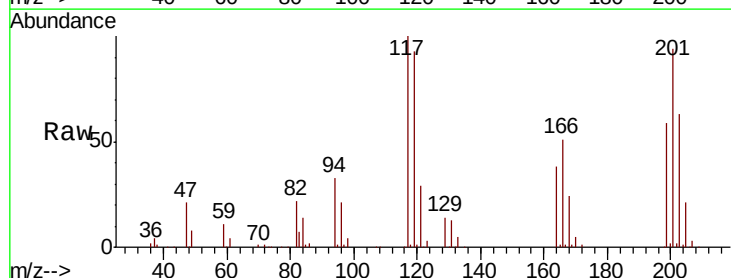
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.871 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139466		
119	93.4	76.0	114.0	
201	94.3	81.7	122.5	

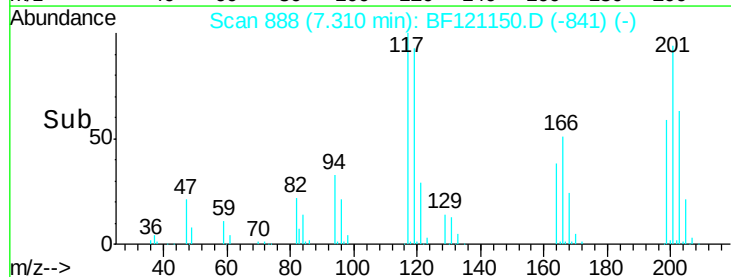
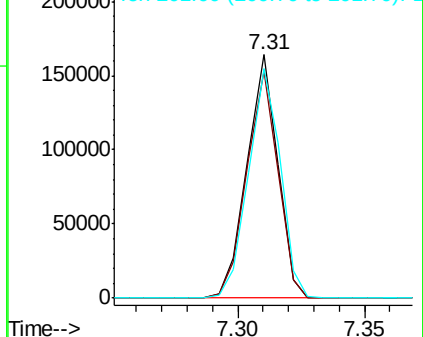


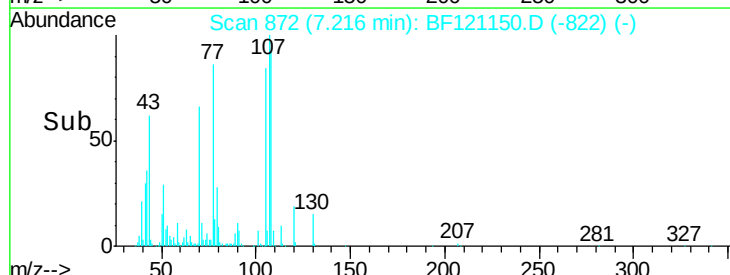
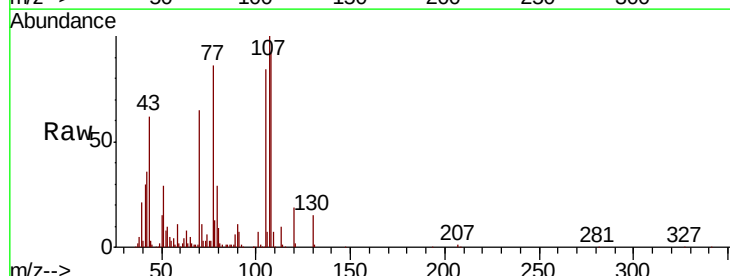
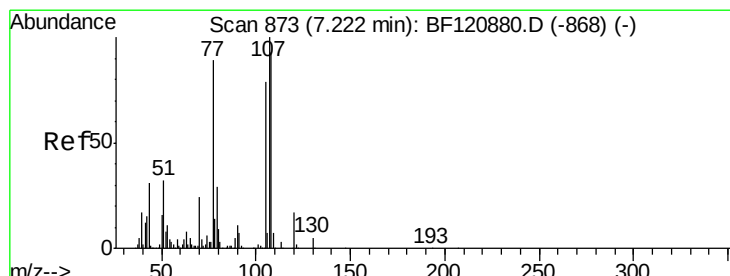
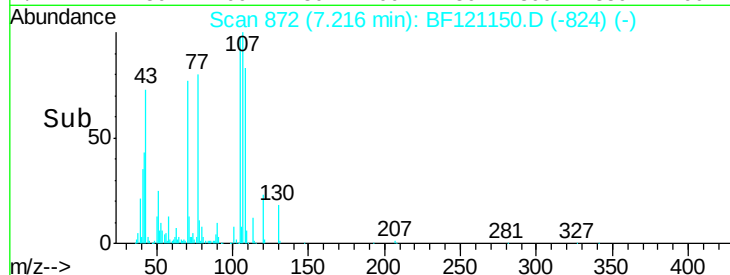
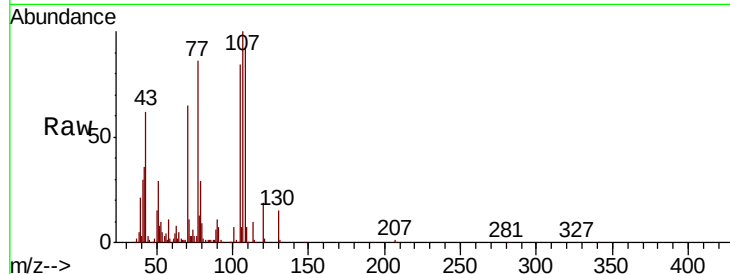
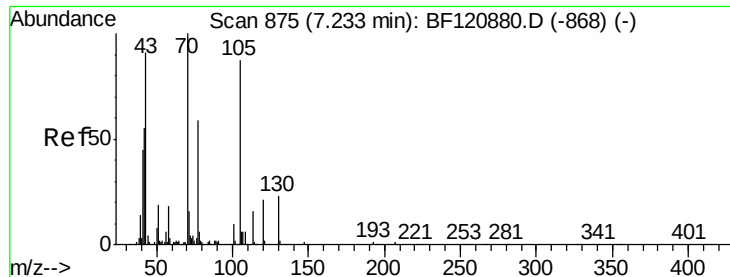
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





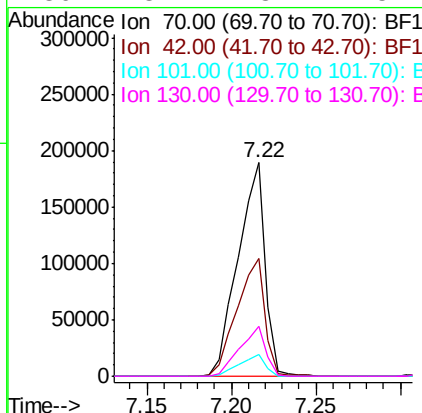
#19
n-Nitroso-di-n-propylamine
Concen: 35.544 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	44.0	66.0
101	10.2	7.8	11.6
130	23.1	18.7	28.1

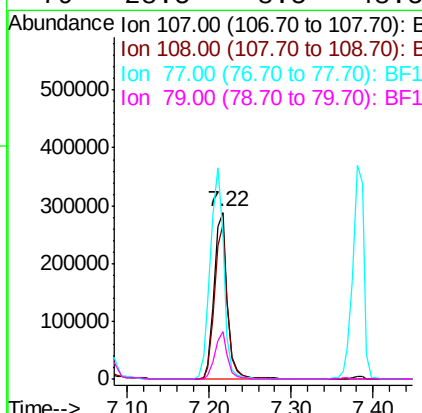
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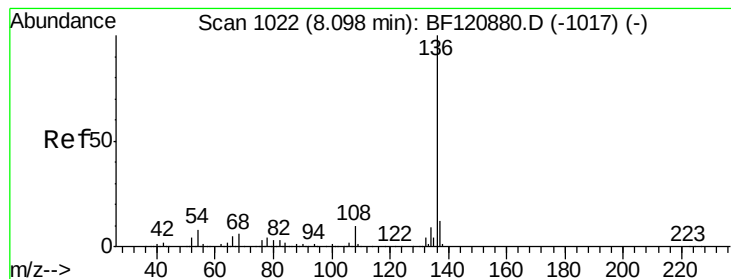
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#20
3+4-Methylphenols
Concen: 31.948 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.8	112.8
77	86.1	68.7	108.7
79	28.5	8.5	48.5





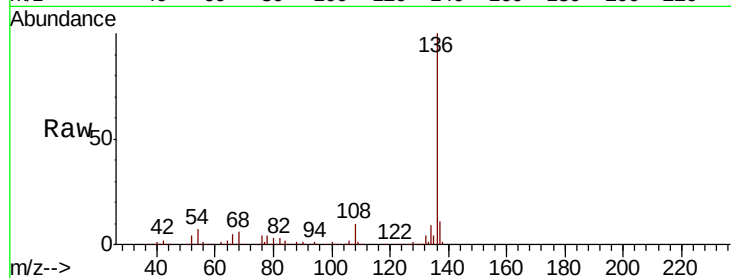
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	501501		
137	11.0		9.3	13.9
54	7.5		6.3	9.5
68	5.9		5.0	7.4

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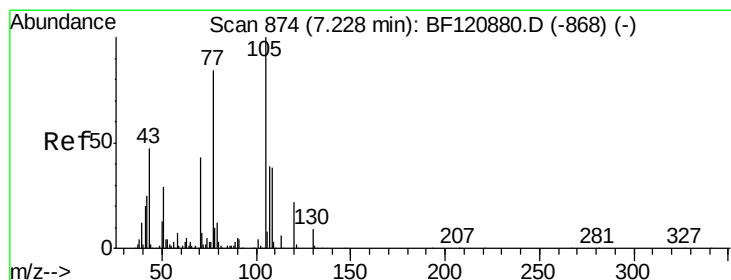
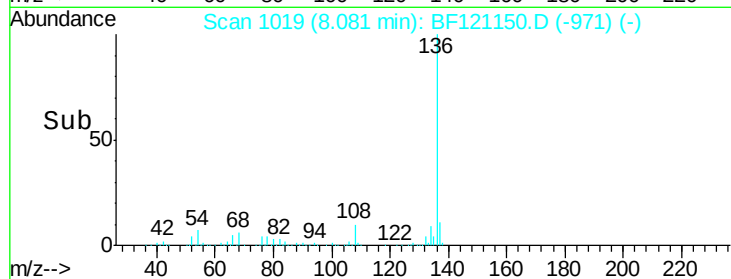
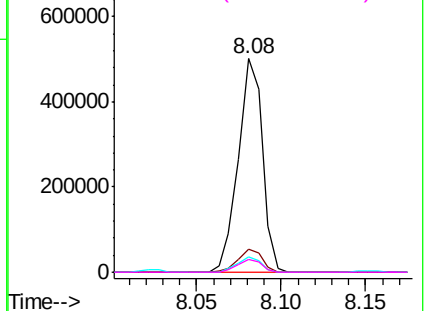
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.364 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	443050		
71	6.7		5.7	8.5
51	32.7		22.9	34.3
120	22.8		18.0	27.0

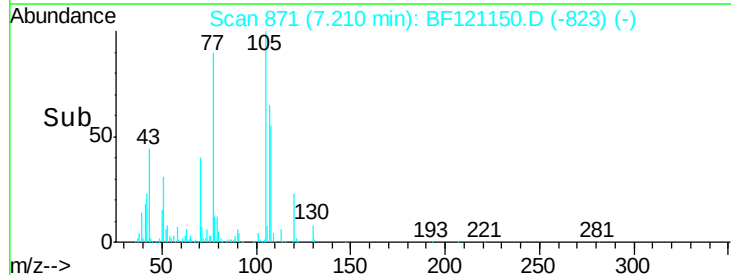
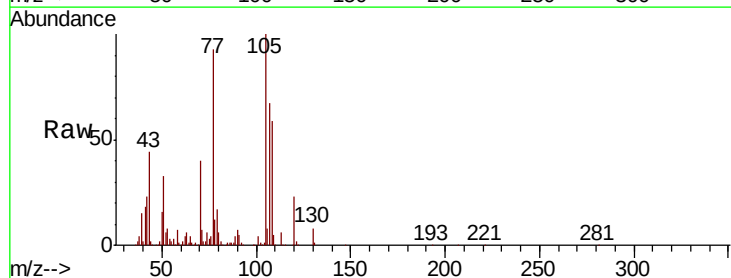
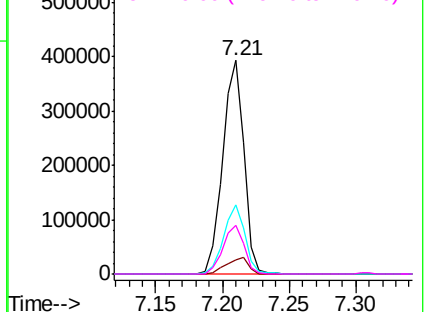
Abundance

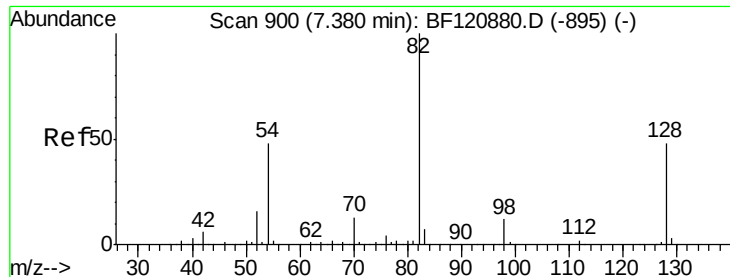
Ion 105.00 (104.70 to 105.70): E

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





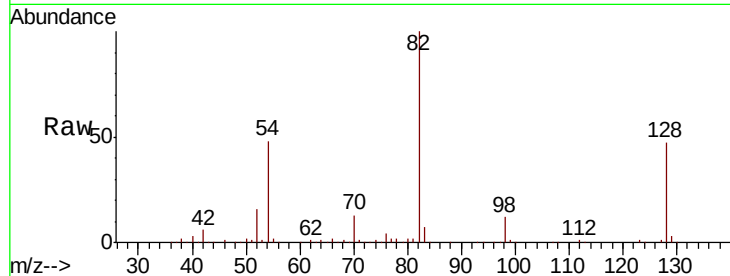
#23
Nitrobenzene-d5
Concen: 77.473 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

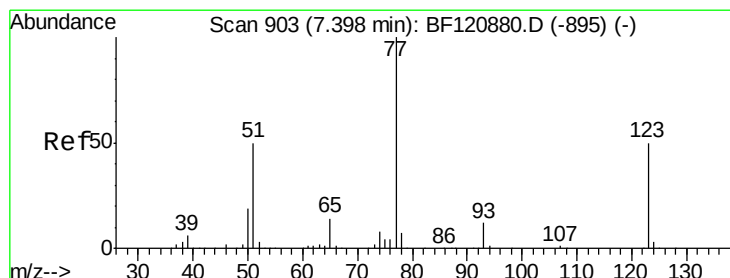
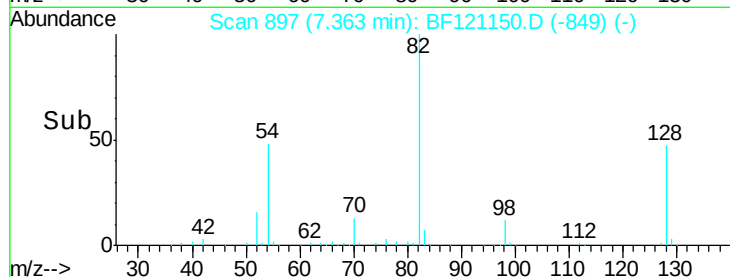
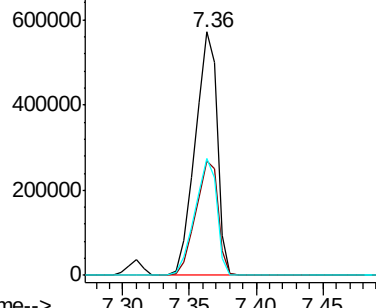
Tot Ion	Ratio	Resp	Lower	Upper
82	100	671464		
128	47.0		38.2	57.4
54	47.9		38.7	58.1

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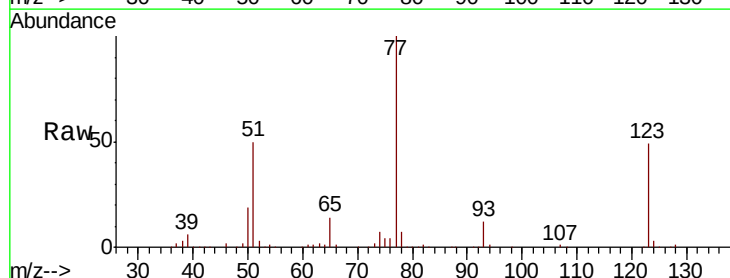


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

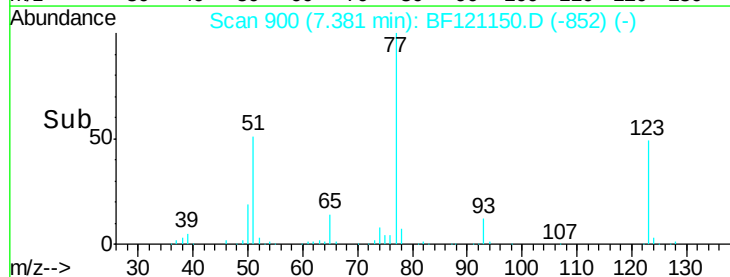
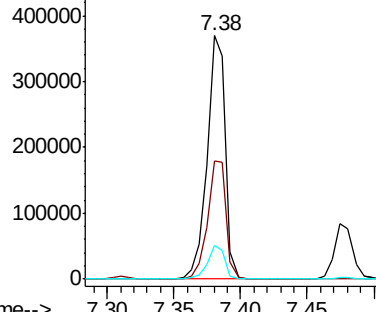


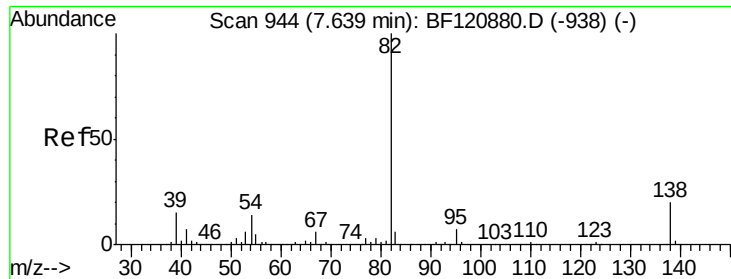
#24
Nitrobenzene
Concen: 37.527 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	350555		
123	48.7		40.1	60.1
65	13.6		10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.759 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

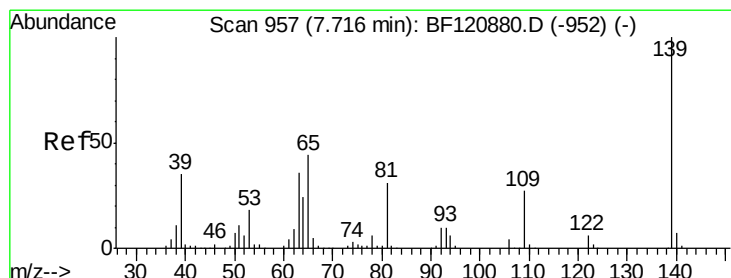
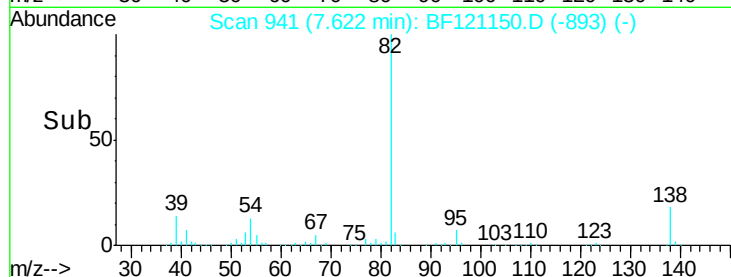
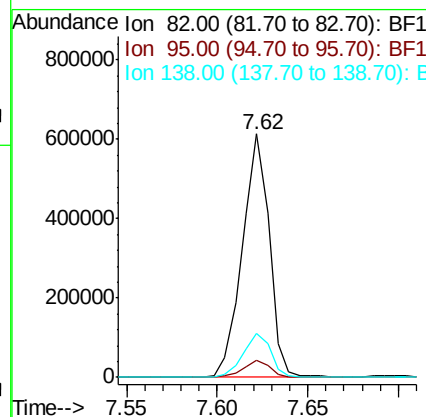
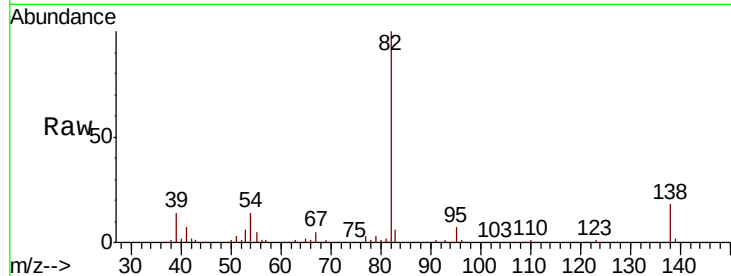
ClientSampleId :

PB130555BS

Tot Ion	82	Resp	635839
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.2	15.6	23.4

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#26

2-Nitrophenol

Concen: 42.497 ng

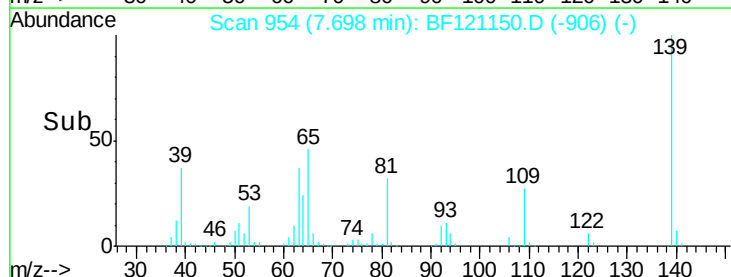
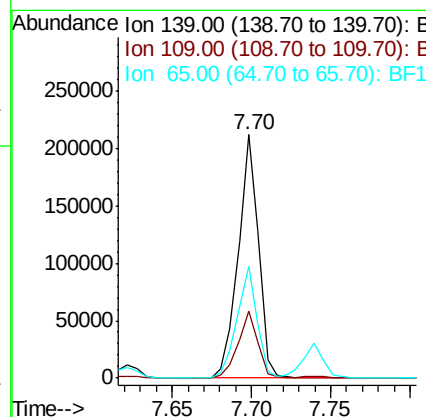
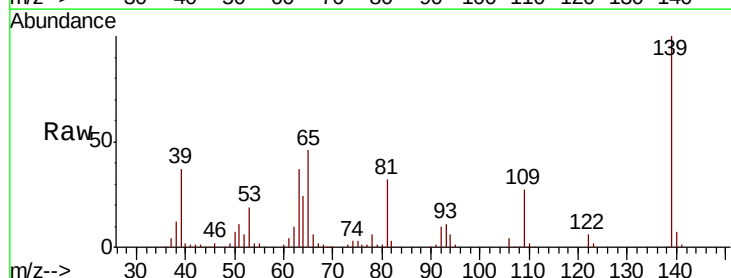
RT: 7.70 min Scan# 954

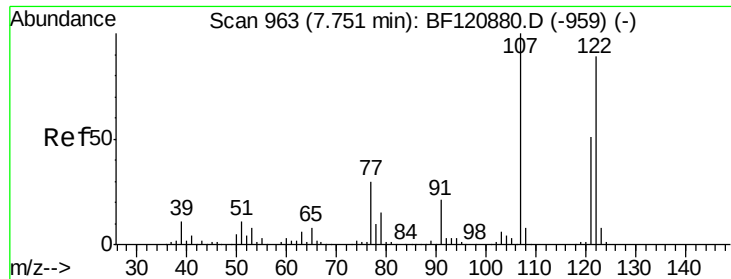
Delta R.T. -0.02 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion	139	Resp	188538
Ion	Ratio	Lower	Upper
139	100		
109	27.3	21.6	32.4
65	45.8	35.3	52.9





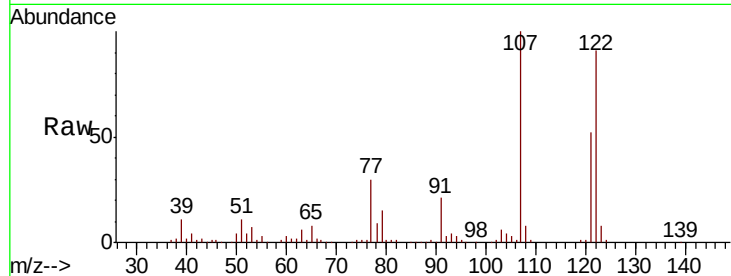
#27
2,4-Dimethylphenol
Concen: 41.628 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	299853		
107	110.4	89.4	134.0	
121	57.2	46.0	69.0	

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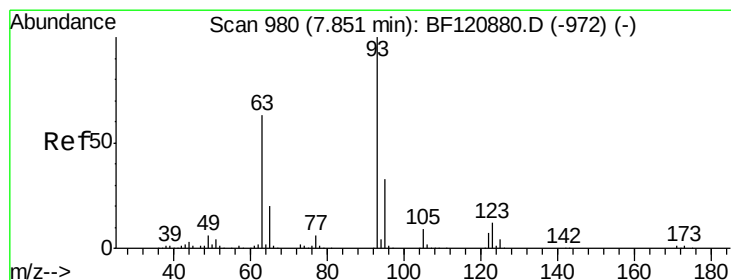
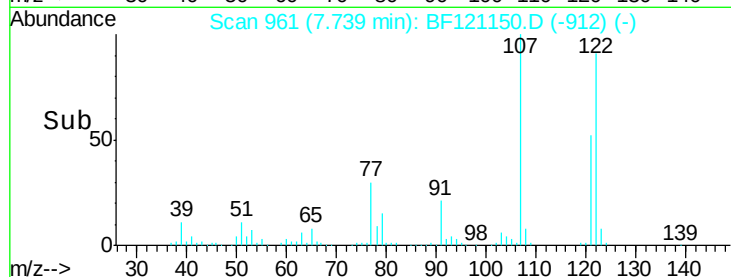
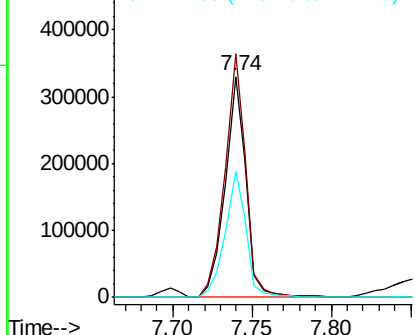


Abundance

Ion 122.00 (121.70 to 122.70): E

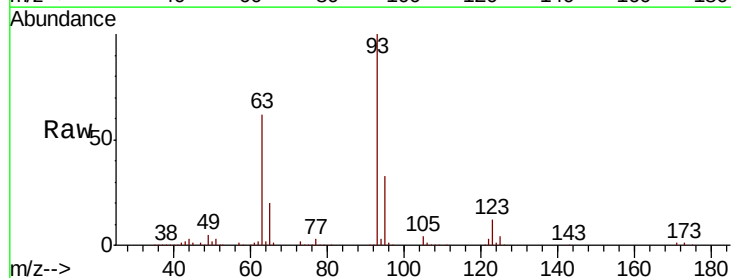
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.638 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	407964		
95	32.7	26.6	39.8	
123	11.9	10.0	15.0	

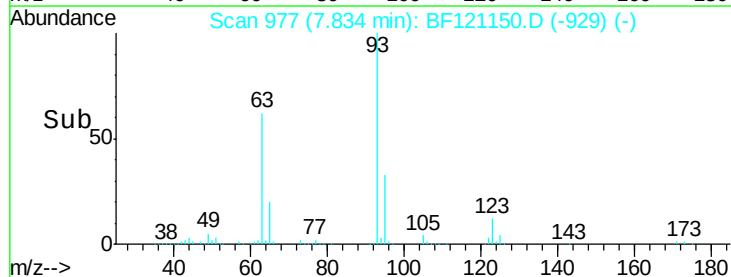
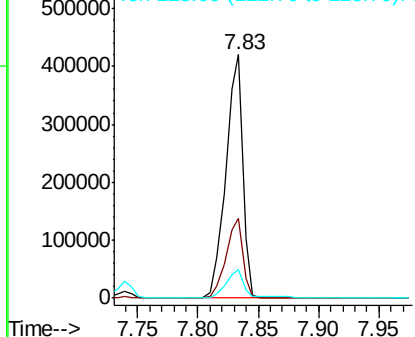


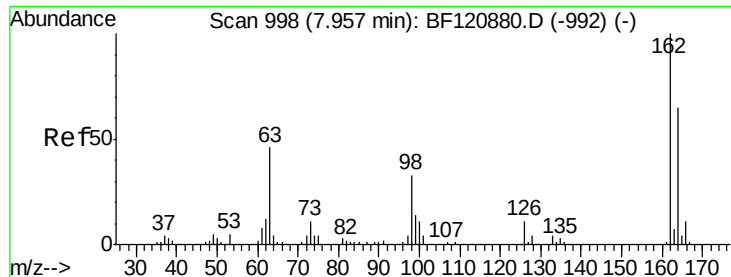
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





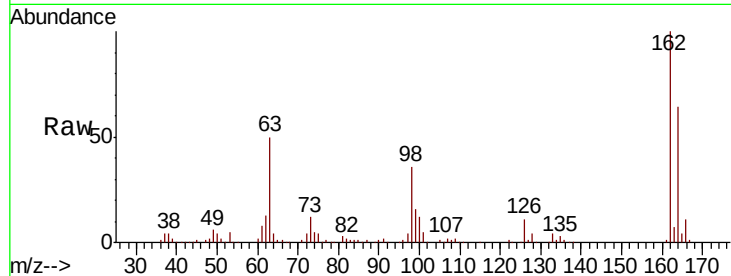
#29
2,4-Dichlorophenol
Concen: 38.520 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	45.3	85.3
98	36.0	13.3	53.3

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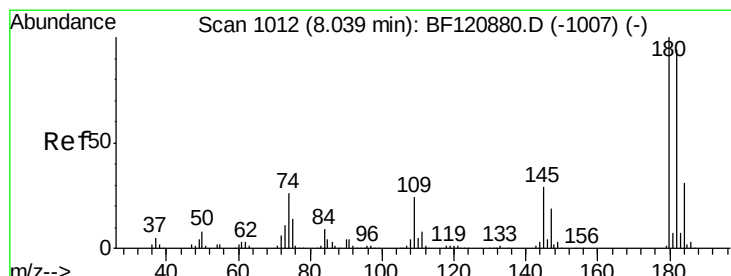
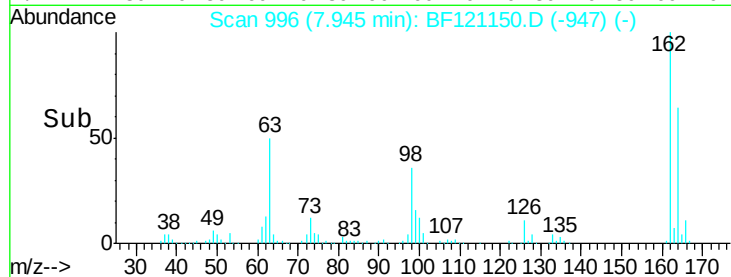
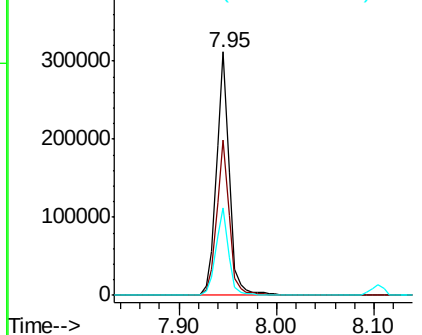


Abundance

Ion 162.00 (161.70 to 162.70): E

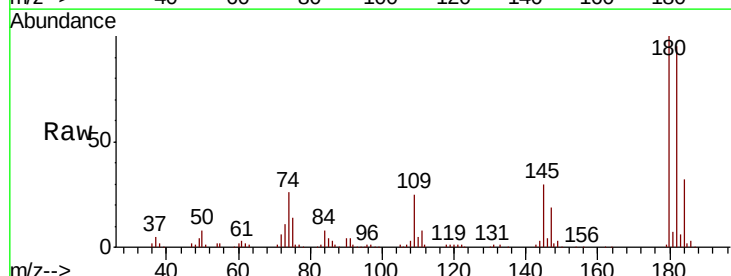
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.311 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.0	112.6
145	30.2	23.5	35.3

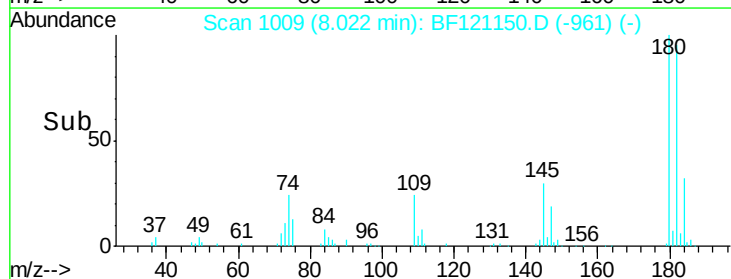
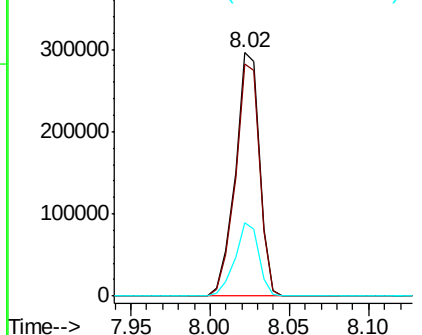


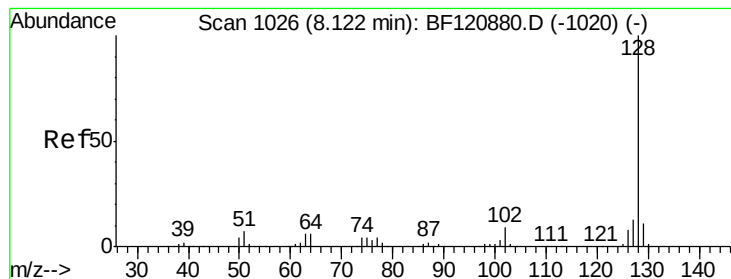
Abundance

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: 37.868 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

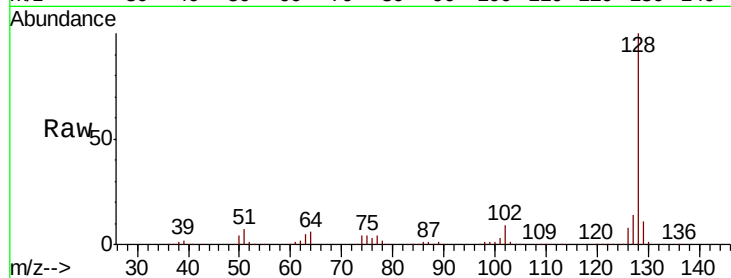
ClientSampleId :

PB130555BS

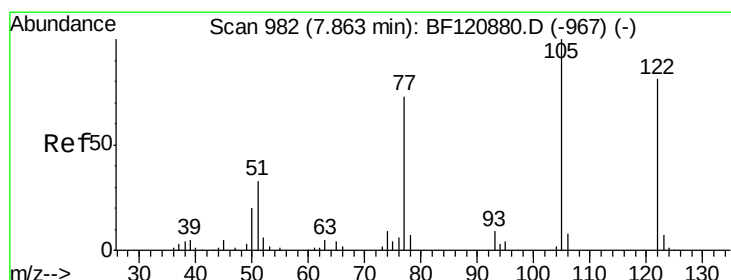
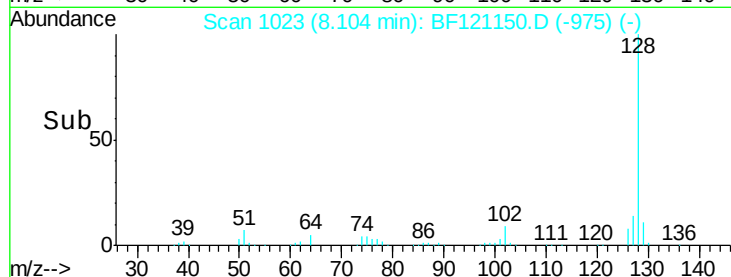
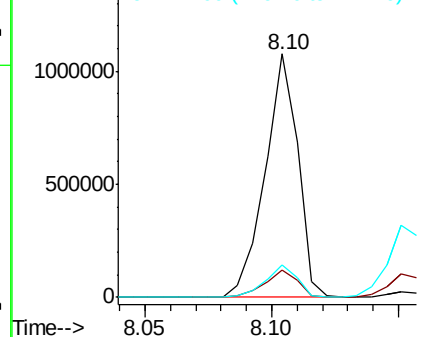
Tot Ion:	128	Resp:	974140
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.5	10.7	16.1

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



#32

Benzoic acid

Concen: 19.489 ng

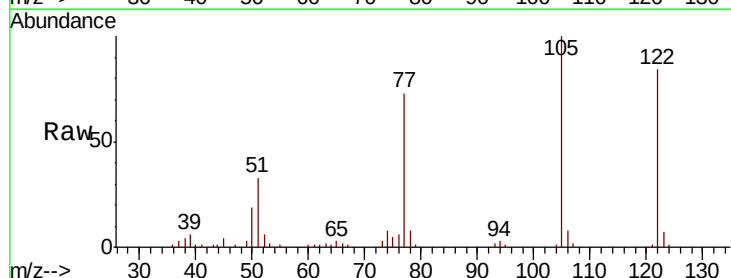
RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

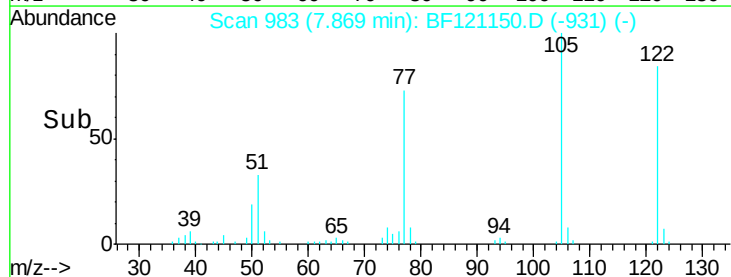
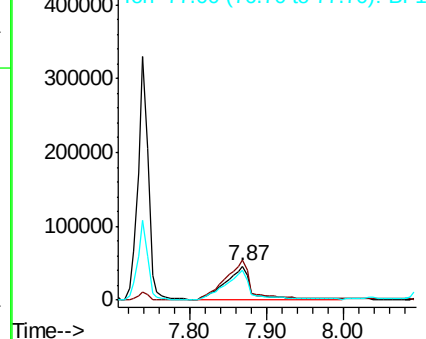
Lab File: BF121150.D

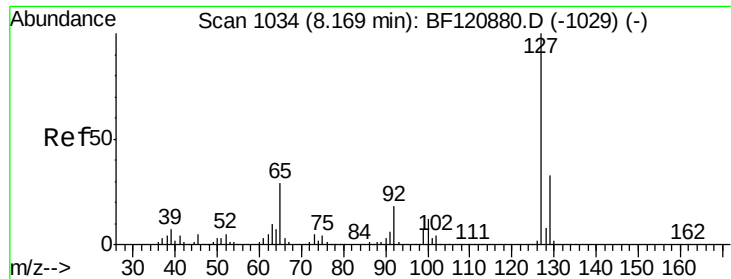
Acq: 31 Jul 2020 11:09

Tgt Ion:	122	Resp:	105378
Ion Ratio	Lower	Upper	
122	100		
105	119.0	101.3	141.3
77	87.0	69.1	109.1



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





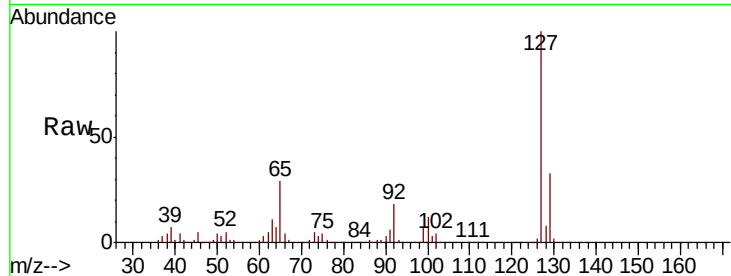
#33
4-Chloroaniline
Concen: 31.267 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

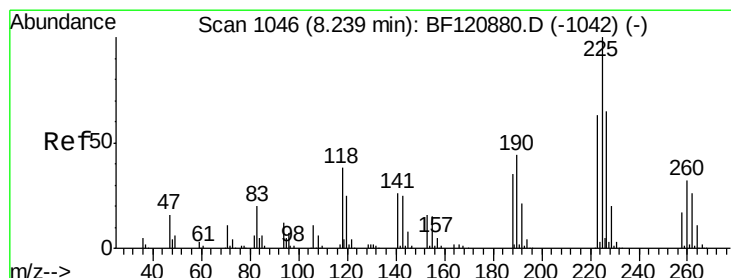
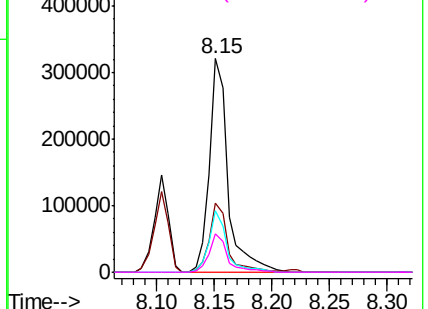
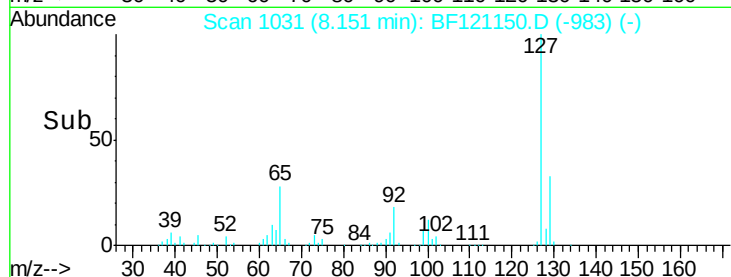
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.5	39.7	
65	29.0	23.0	34.4	
92	18.2	14.5	21.7	

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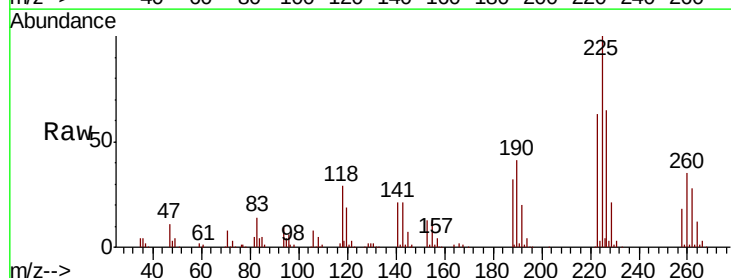


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

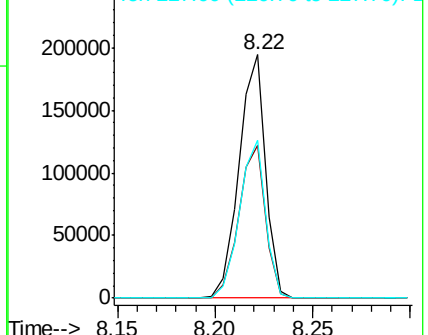
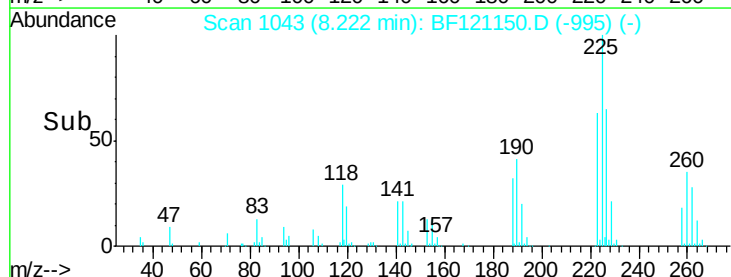


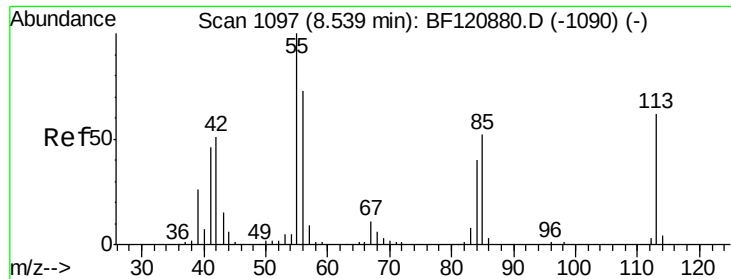
#34
Hexachlorobutadiene
Concen: 37.806 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	65.0	52.2	78.2	



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





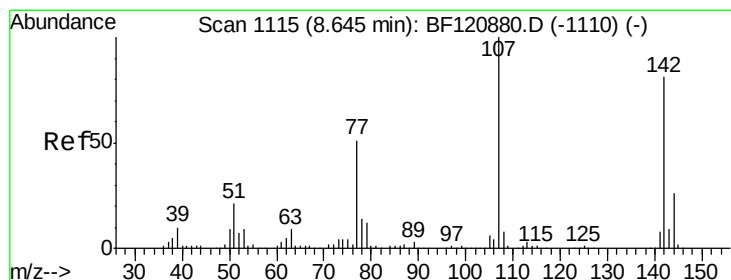
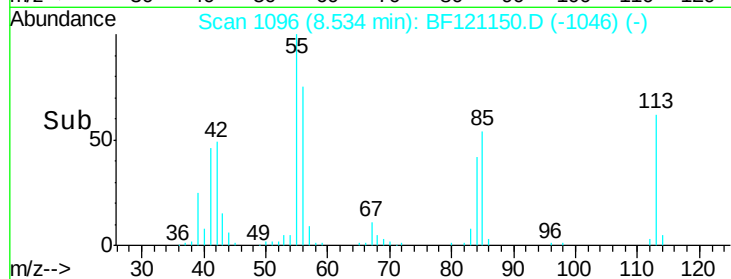
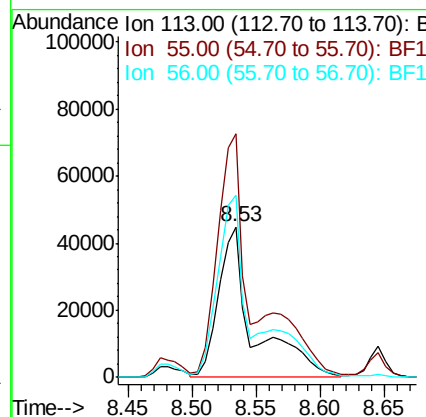
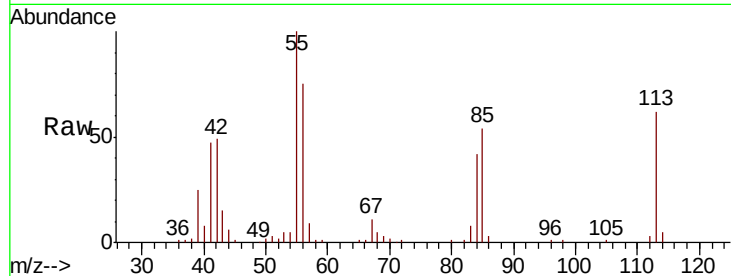
#35
 Caprolactam
 Concen: 36.575 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleID :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.9	143.3	183.3
56	121.1	99.4	139.4

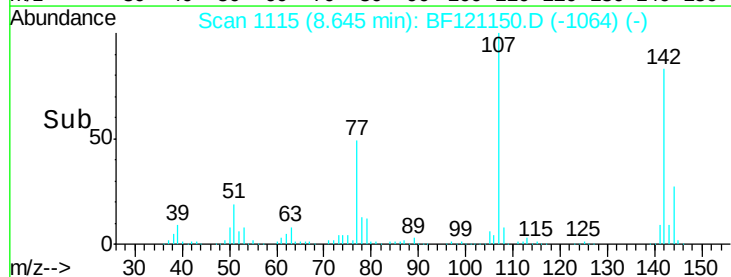
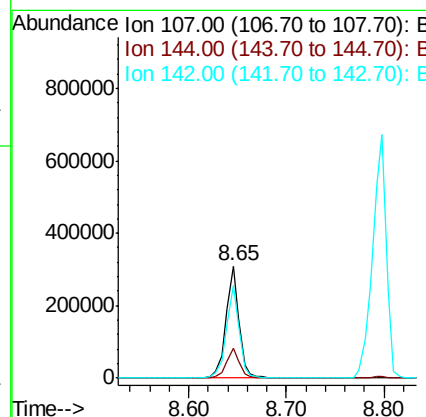
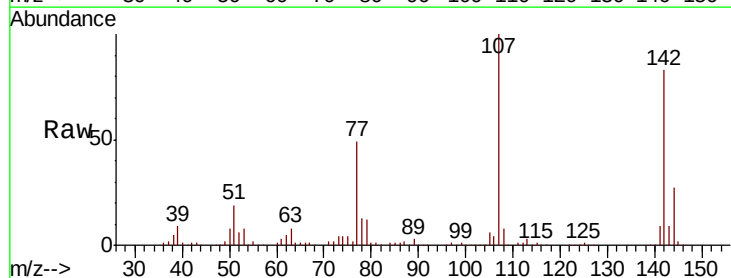
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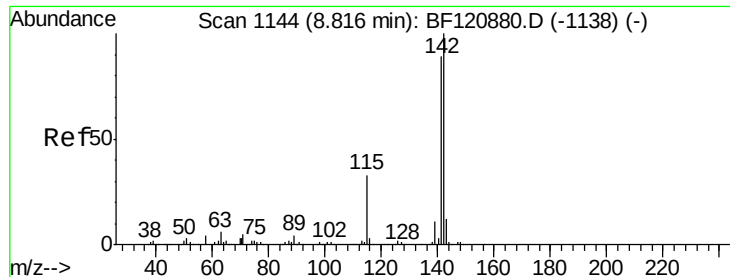
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#36
 4-Chloro-3-methylphenol
 Concen: 37.984 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.0	31.6
142	82.8	65.0	97.6





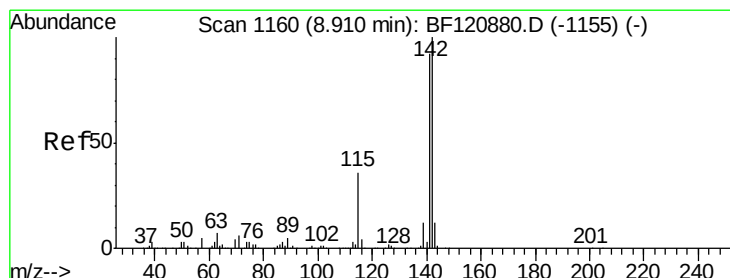
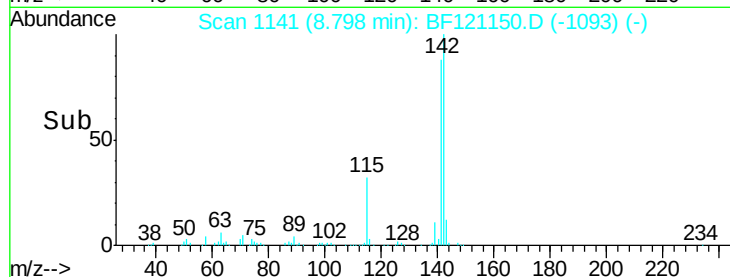
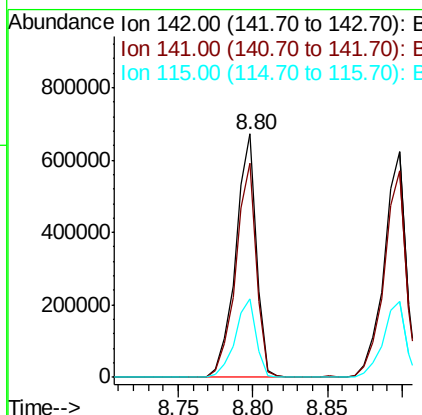
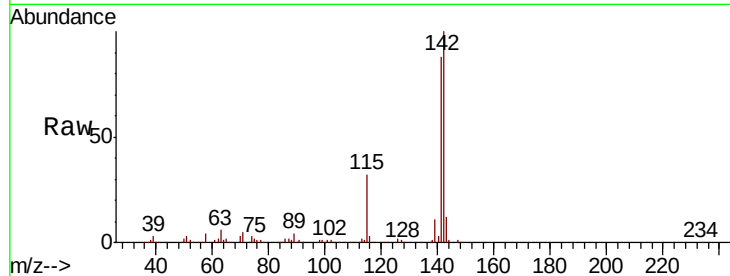
#37
2-Methylnaphthalene
Concen: 39.168 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.4
115	32.4	26.0	39.0

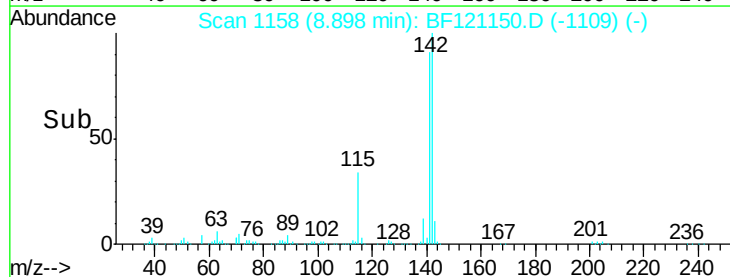
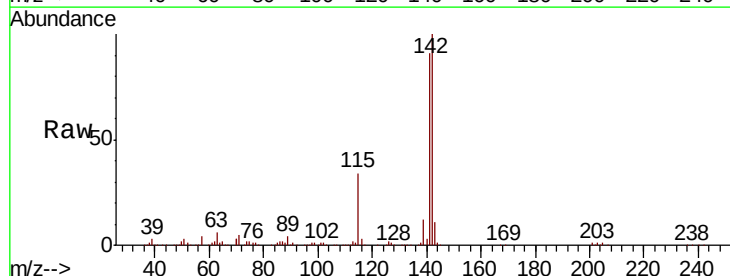
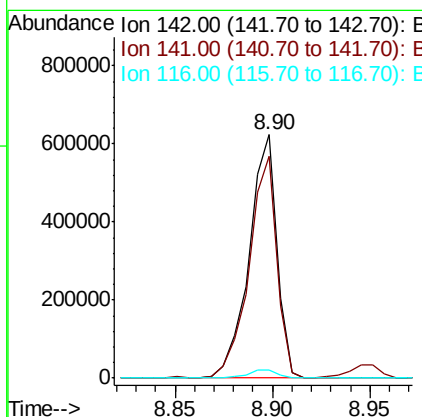
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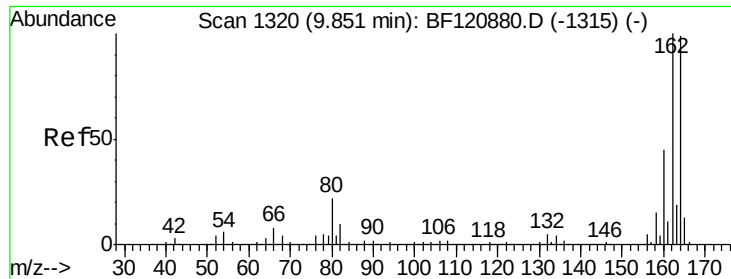
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#38
1-Methylnaphthalene
Concen: 38.861 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

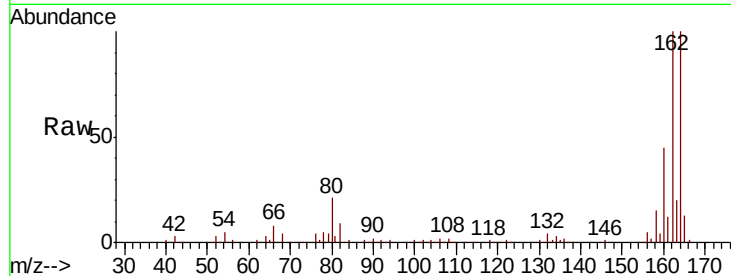
ClientSampleId :

PB130555BS

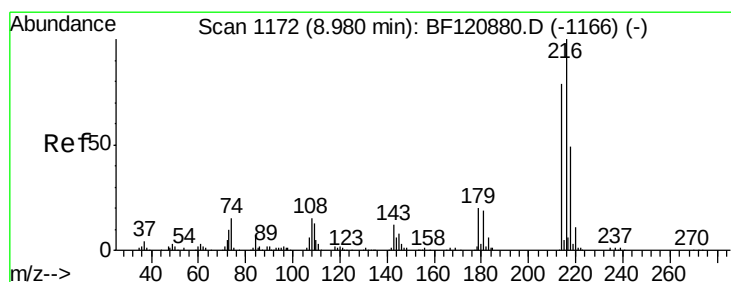
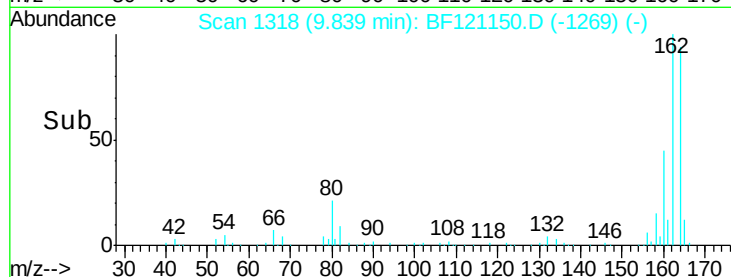
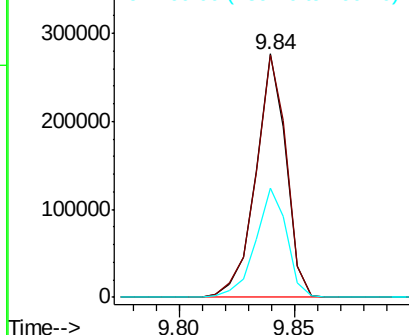
Tot Ion:	164	Resp:	252115
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.2	121.8
160	45.0	36.9	55.3

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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: 41.561 ng

RT: 8.96 min Scan# 1169

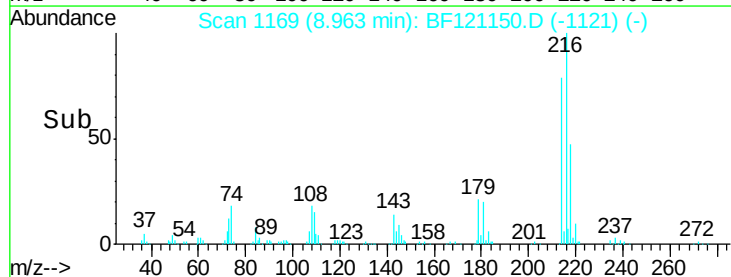
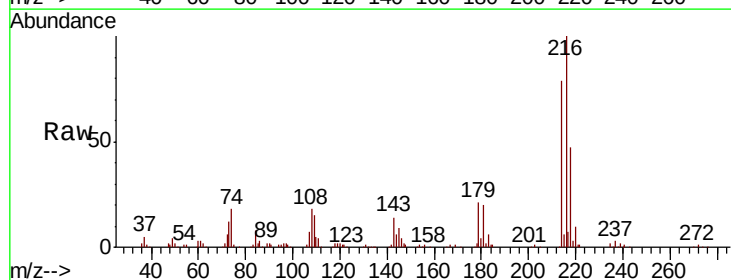
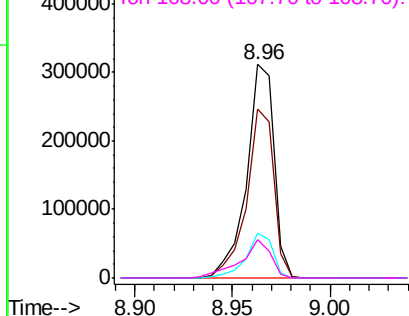
Delta R.T. -0.02 min

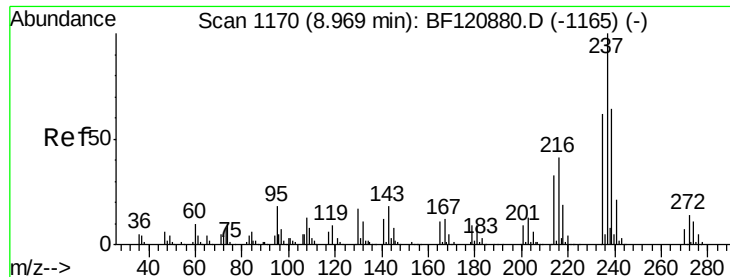
Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	216	Resp:	305286
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.8	95.8
179	20.2	16.6	24.8
108	19.7	15.4	23.0

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





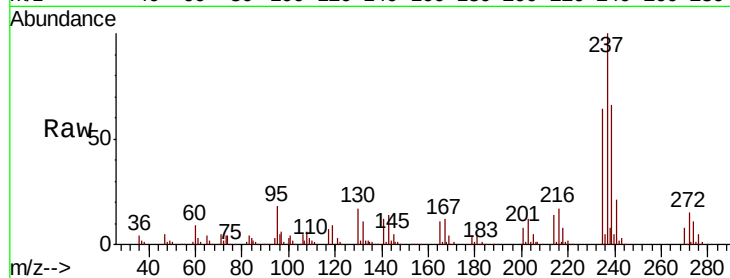
#41
Hexachlorocyclopentadiene
Concen: 74.030 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

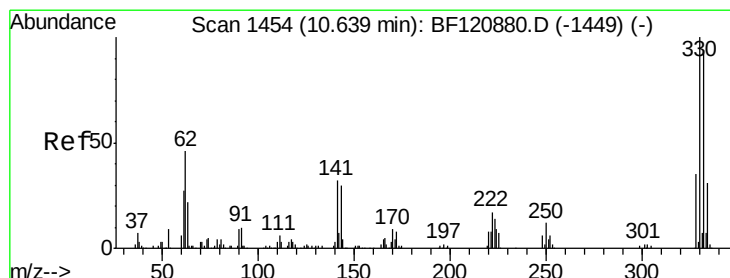
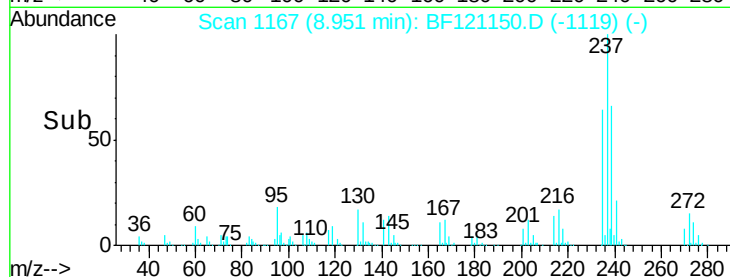
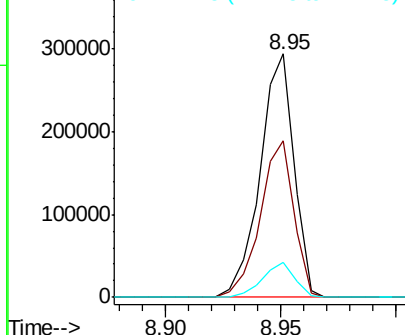
Tot Ion:	237	Resp:	300541
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.6	81.6
272	14.5	0.0	33.7

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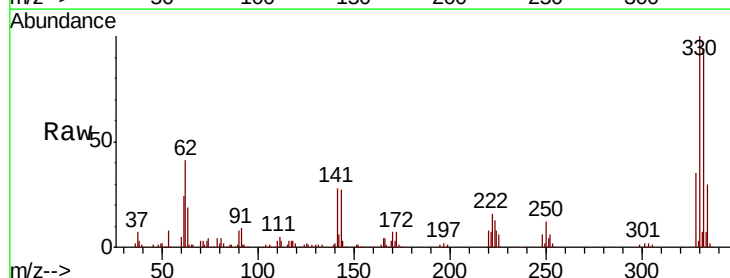


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

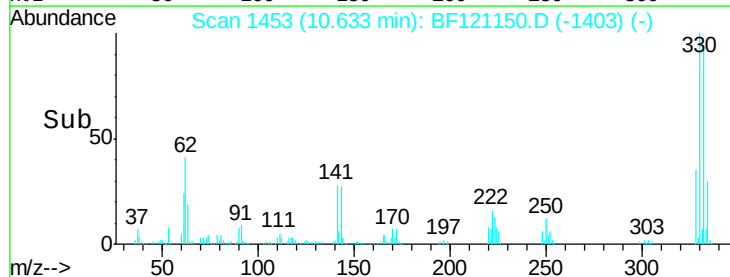
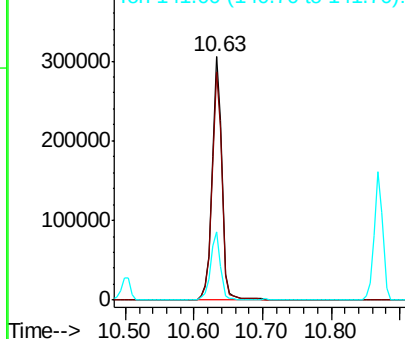


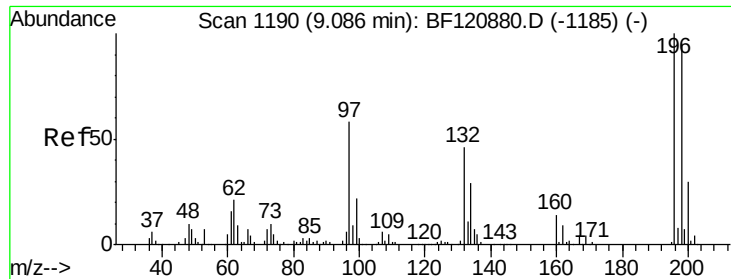
#42
2,4,6-Tribromophenol
Concen: 110.819 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion:	330	Resp:	305822
Ion Ratio	Lower	Upper	
330	100		
332	94.3	75.5	113.3
141	28.5	25.7	38.5



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





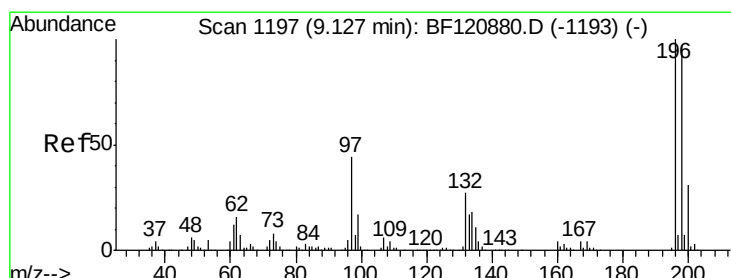
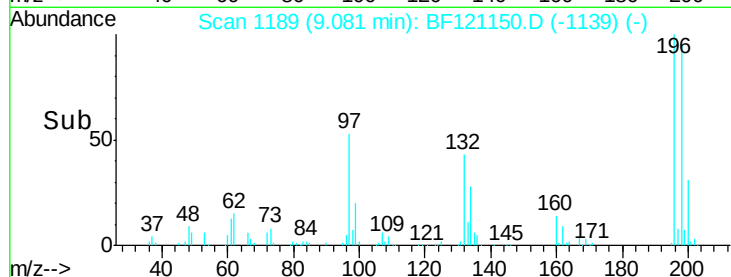
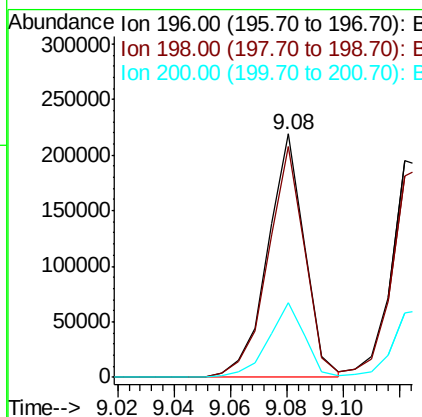
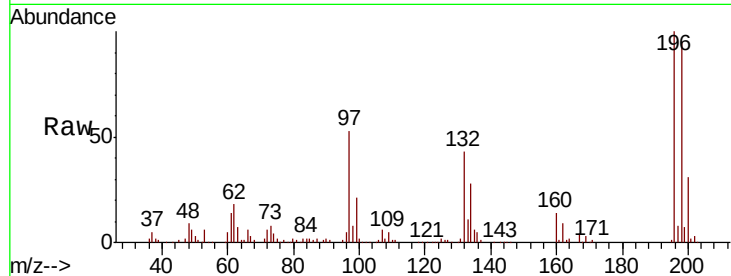
#43
 2,4,6-Trichlorophenol
 Concen: 38.269 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion:	196	Resp:	197923
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
200	30.6	24.4	36.6

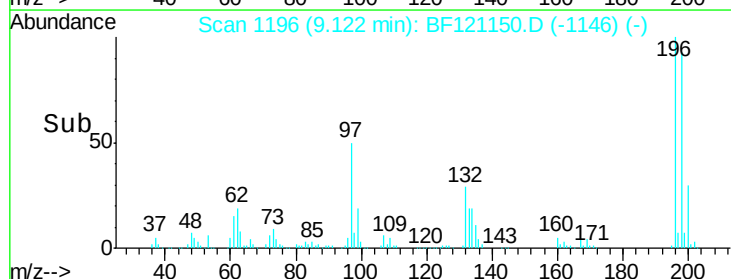
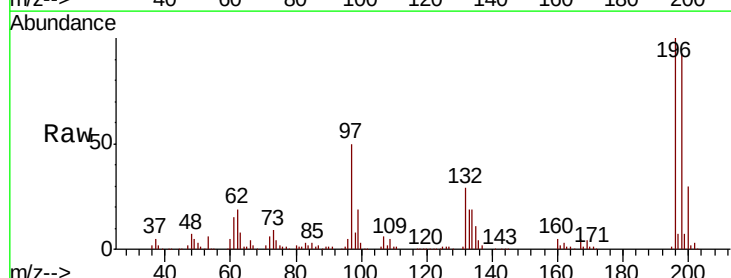
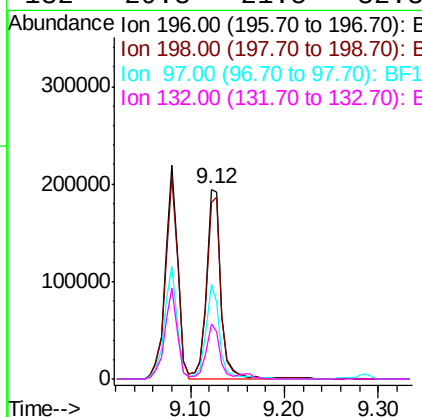
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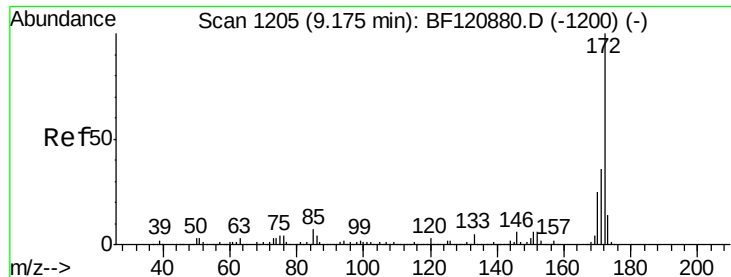
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#44
 2,4,5-Trichlorophenol
 Concen: 35.708 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion:	196	Resp:	209487
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.6	116.4
97	50.0	35.6	53.4
132	29.3	21.5	32.3





#45

2-Fluorobiphenyl

Concen: 70.922 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

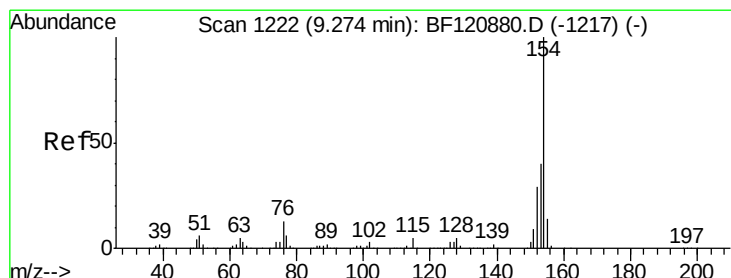
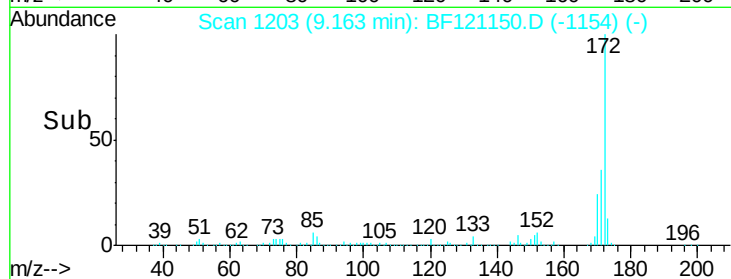
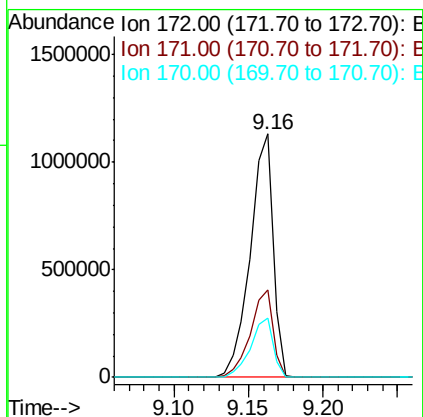
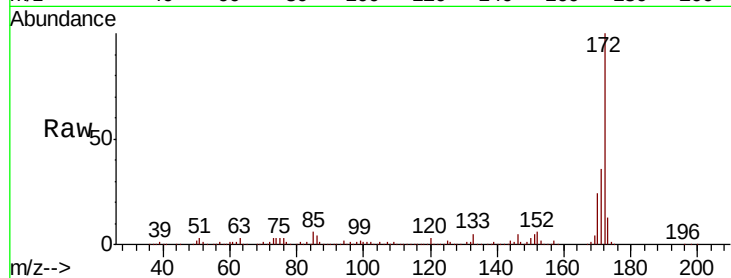
ClientSampleId :

PB130555BS

Tot Ion:172	Resp: 1197584		
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	24.3	19.6	29.4

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#46

1,1'-Biphenyl

Concen: 40.375 ng

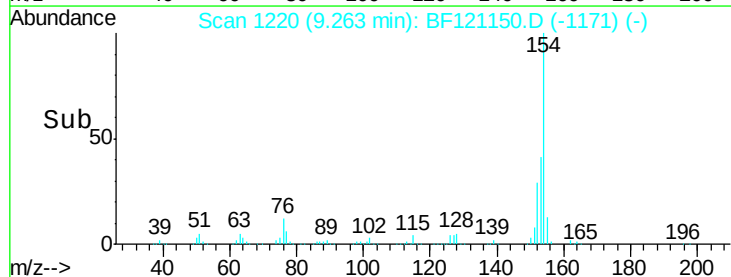
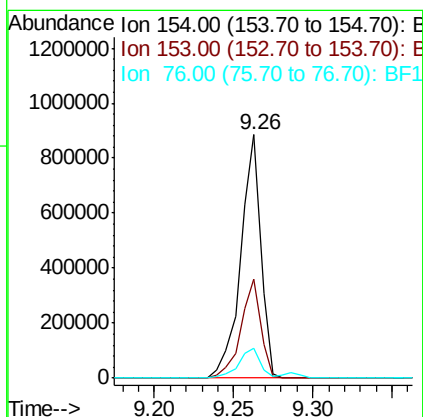
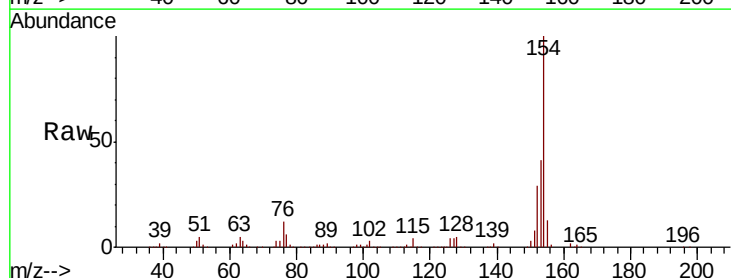
RT: 9.26 min Scan# 1220

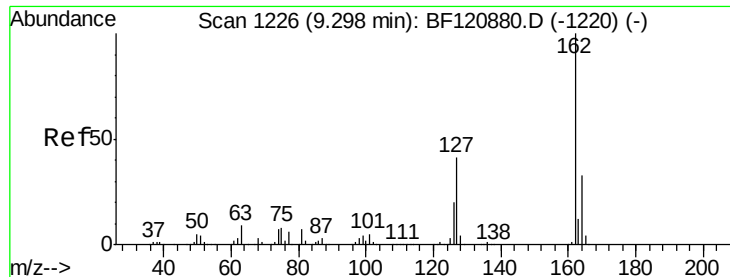
Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:154	Resp: 776473
Ion Ratio	Lower Upper
154 100	
153 40.6	20.4 60.4
76 12.4	0.0 33.1





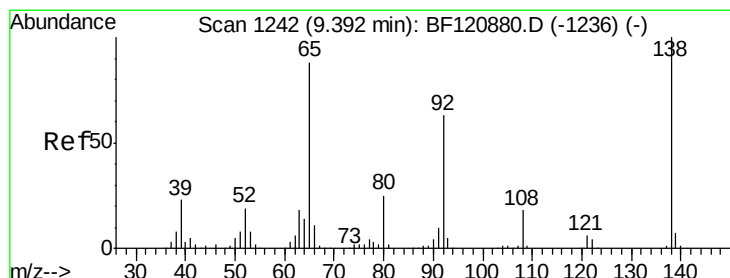
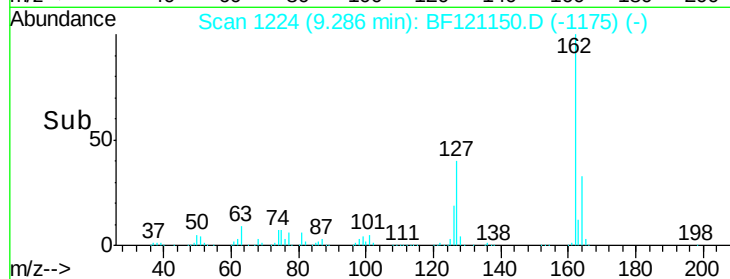
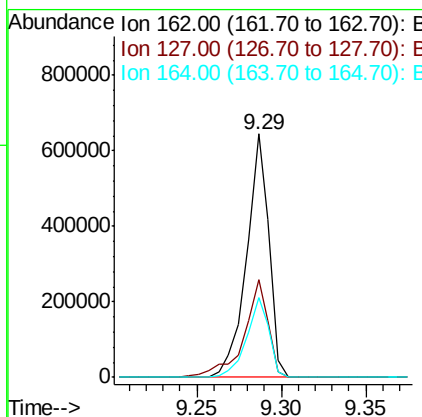
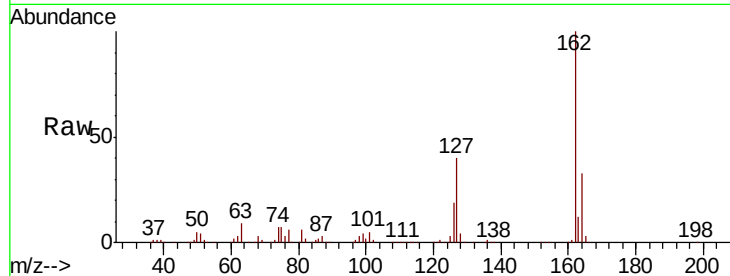
#47
 2-Chloronaphthalene
 Concen: 38.159 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.2		33.3	49.9	
164	32.8		26.6	39.8	

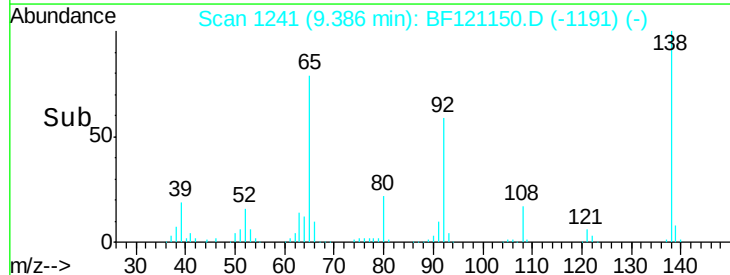
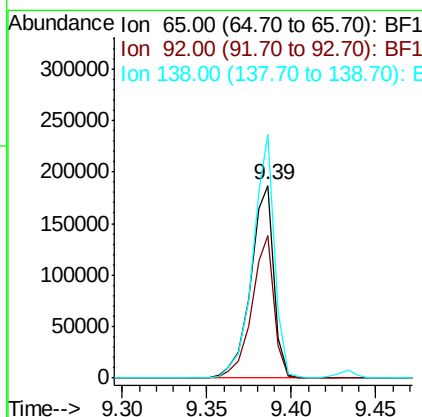
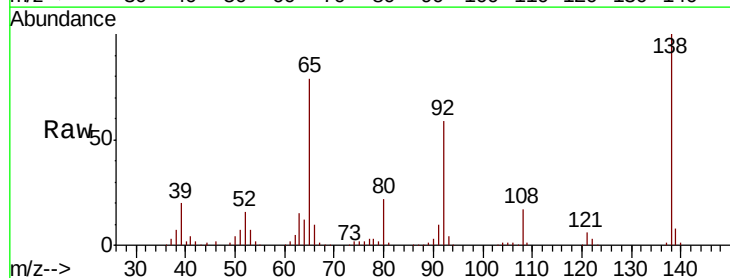
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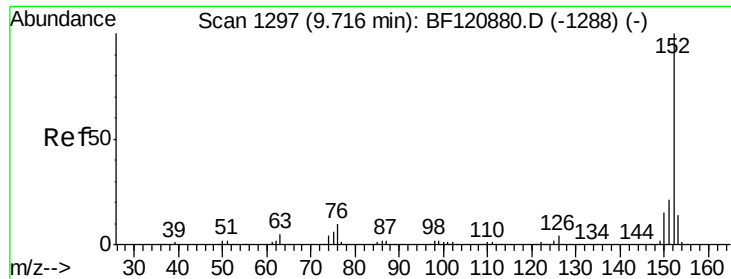
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#48
 2-Nitroaniline
 Concen: 38.032 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	74.1		57.0	85.4	
138	126.1		90.4	135.6	





#49

Acenaphthylene

Concen: 39.247 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

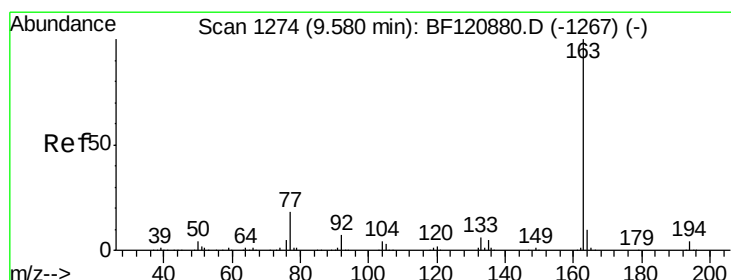
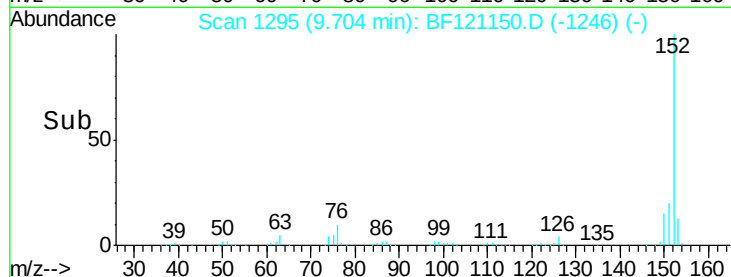
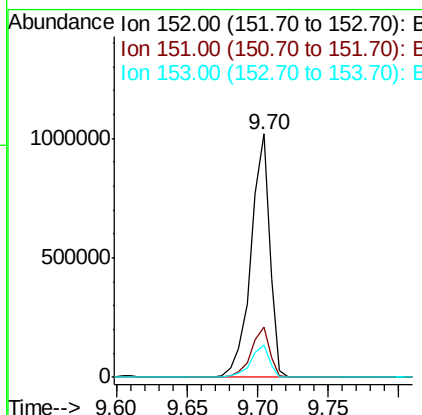
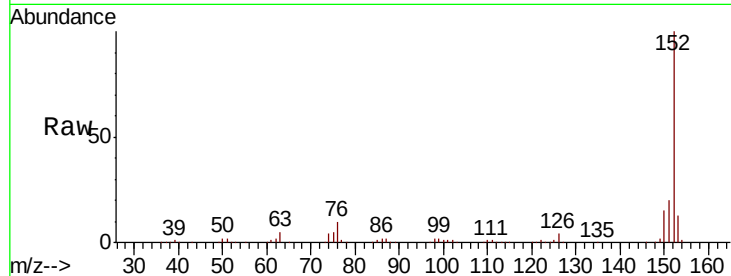
ClientSampleId :

PB130555BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.3	10.9	16.3

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#50

Dimethylphthalate

Concen: 38.430 ng

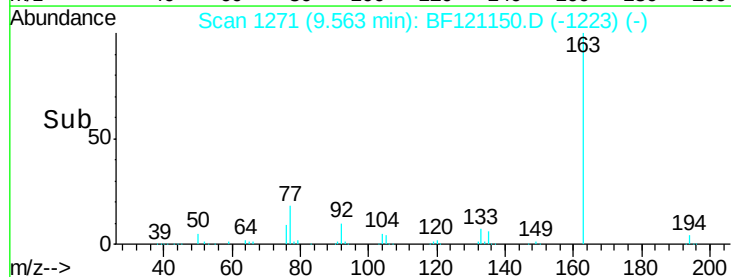
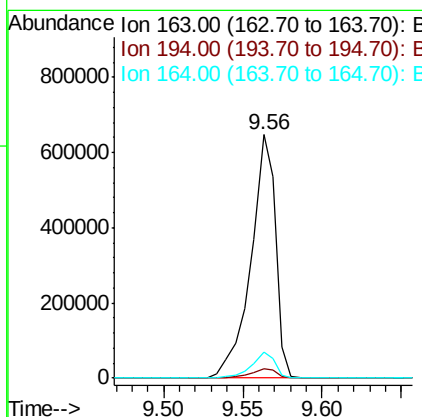
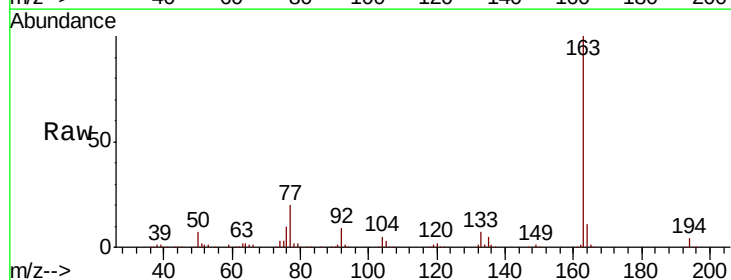
RT: 9.56 min Scan# 1271

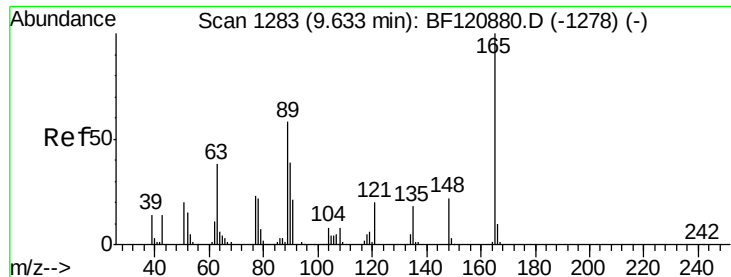
Delta R.T. -0.02 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.6	7.9	11.9





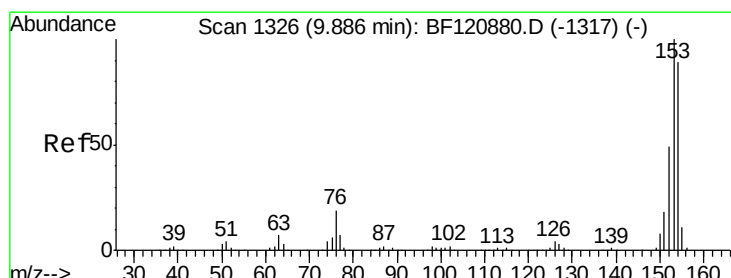
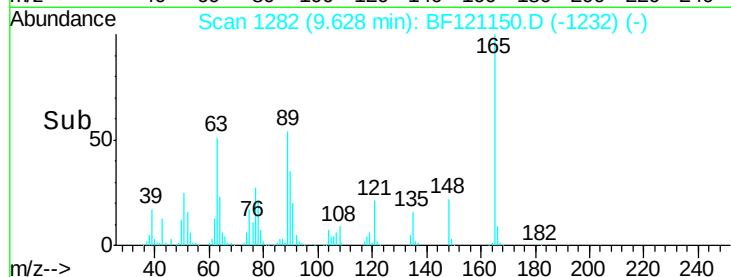
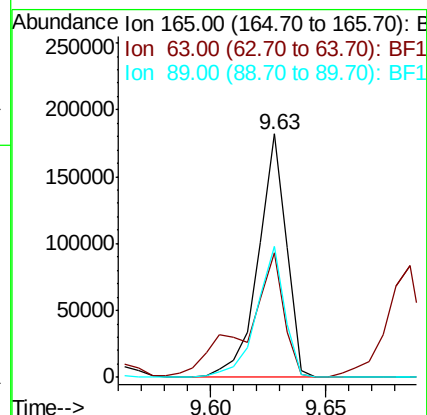
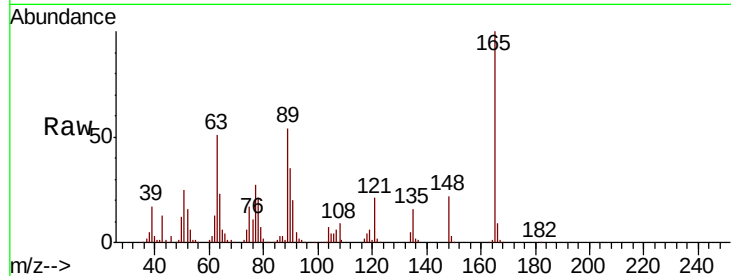
#51
2,6-Dinitrotoluene
Concen: 39.769 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155401		
63	51.2	45.4	68.2	
89	53.6	47.0	70.4	

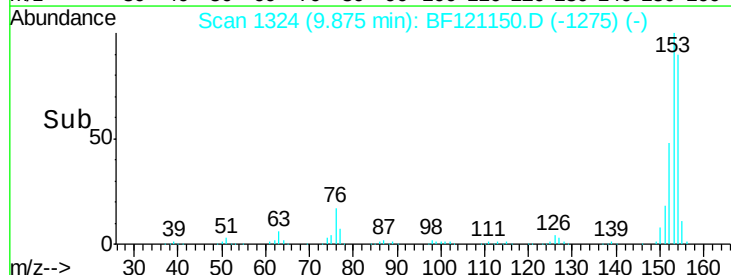
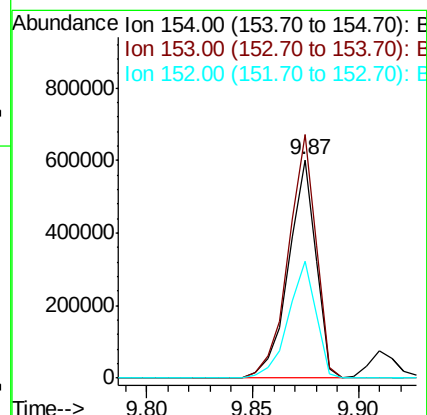
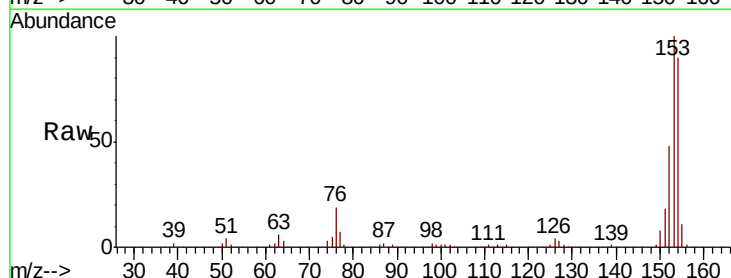
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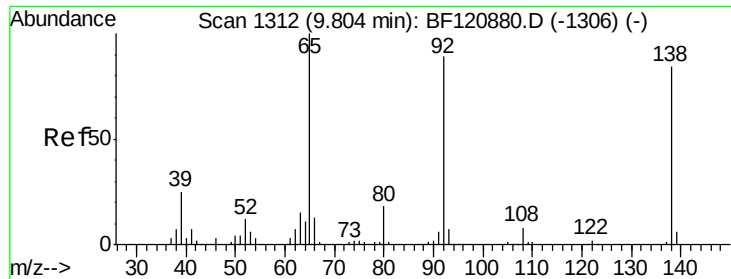
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#52
Acenaphthene
Concen: 35.422 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	548562		
153	111.6	89.5	134.3	
152	53.8	44.2	66.2	





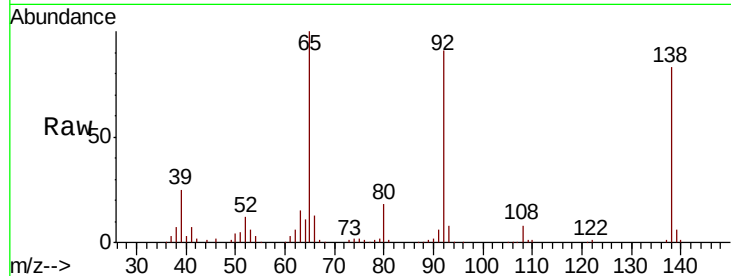
#53
3-Nitroaniline
Concen: 26.262 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

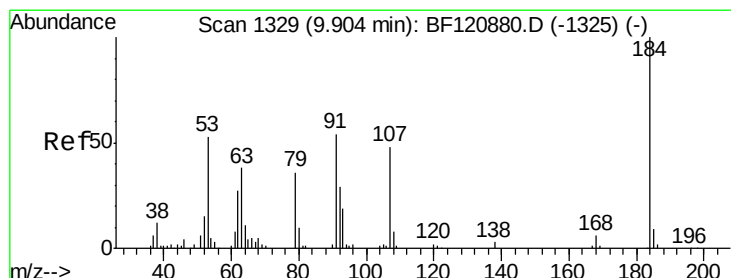
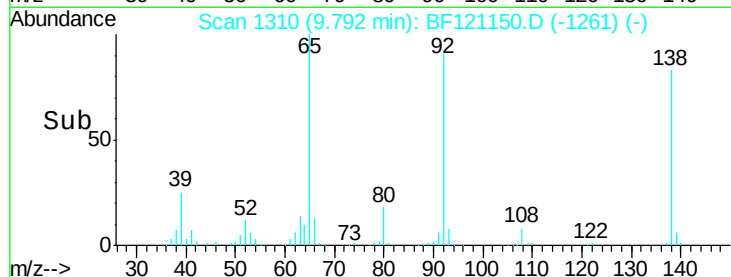
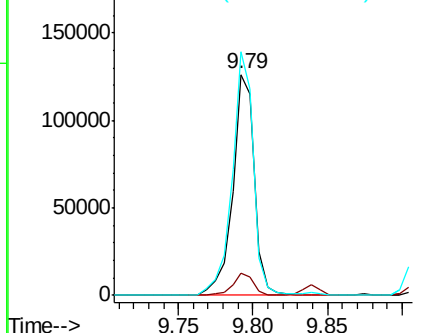
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	110.2	85.3	127.9

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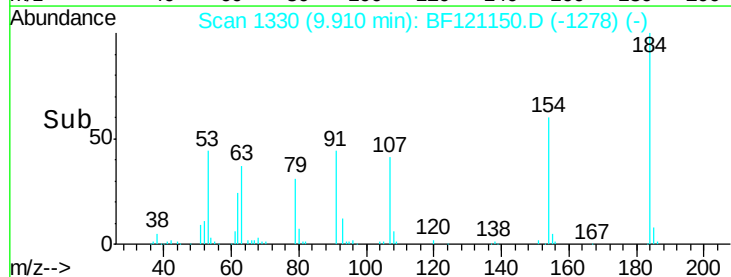
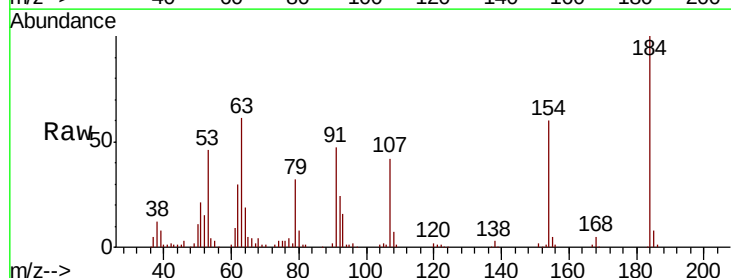
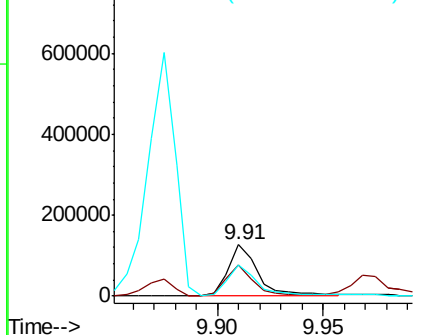
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

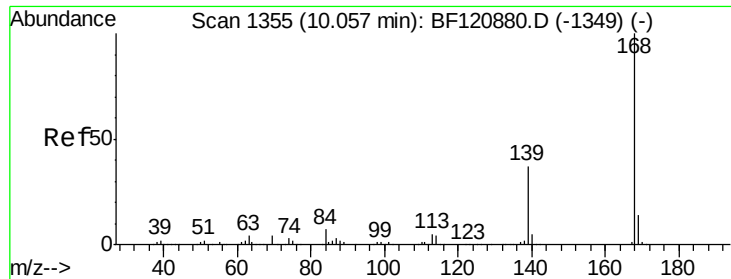


#54
2,4-Dinitrophenol
Concen: 57.432 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	57.9	86.9
154	60.4	52.6	78.8

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





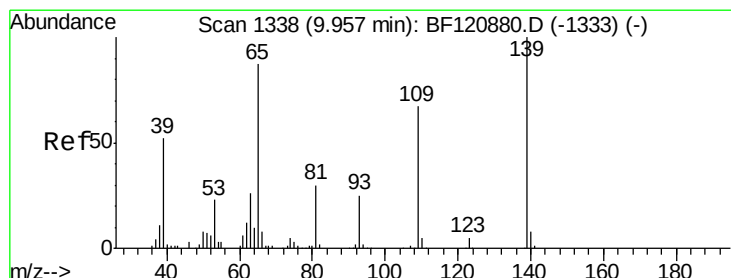
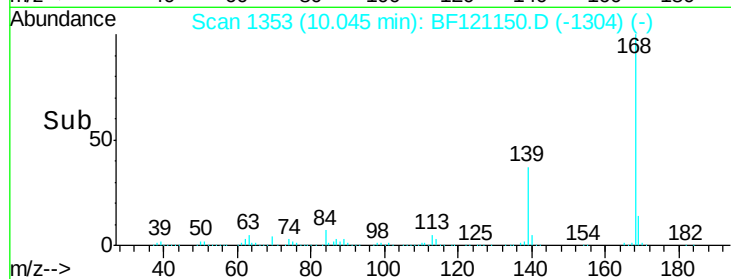
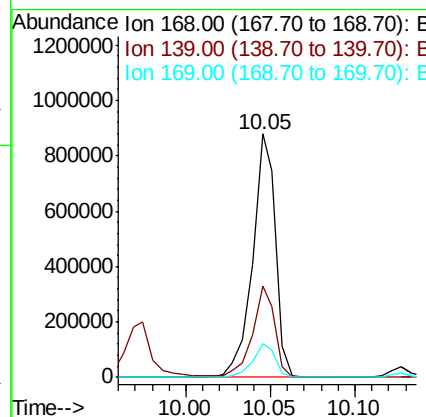
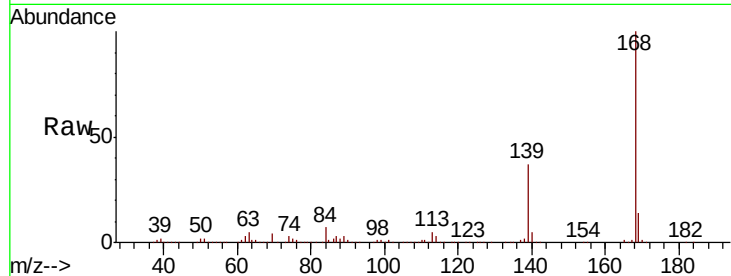
#55
Dibenzofuran
Concen: 37.119 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.7	44.5
169	14.0	11.1	16.7

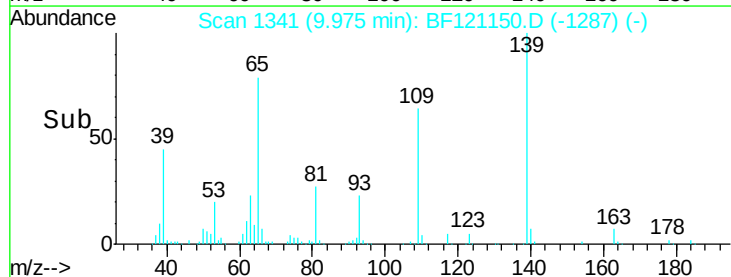
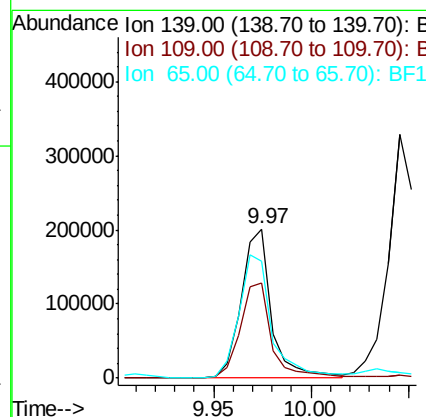
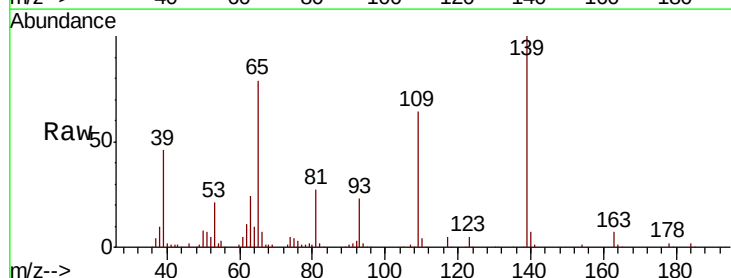
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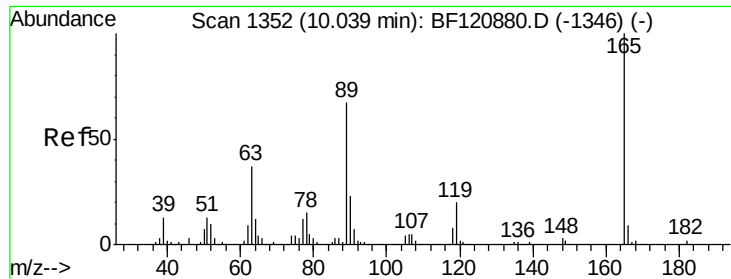
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#56
4-Nitrophenol
Concen: 58.626 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	47.3	87.3
65	78.7	67.2	107.2





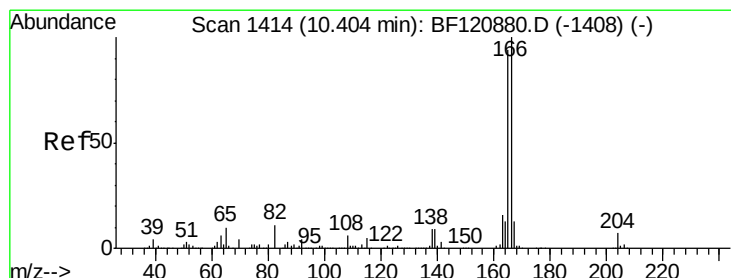
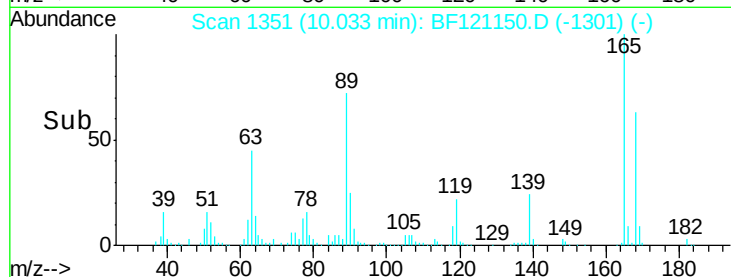
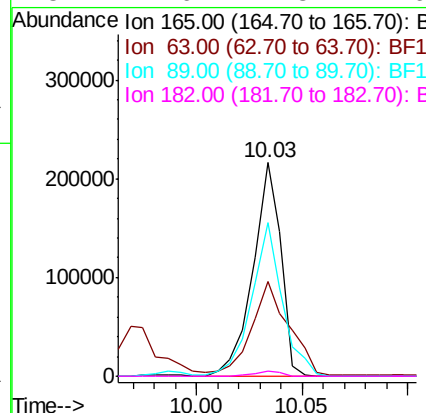
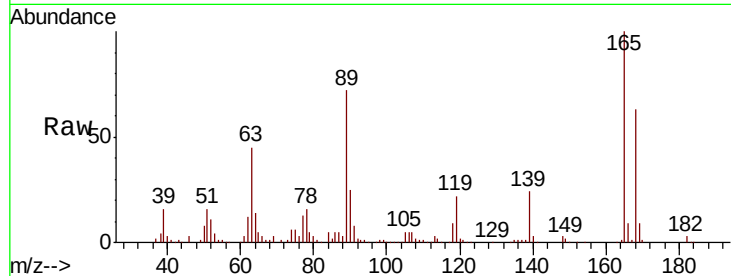
#57
2,4-Dinitrotoluene
Concen: 38.852 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.6	29.4	44.2#
89	72.1	53.4	80.0
182	2.6	1.8	2.6

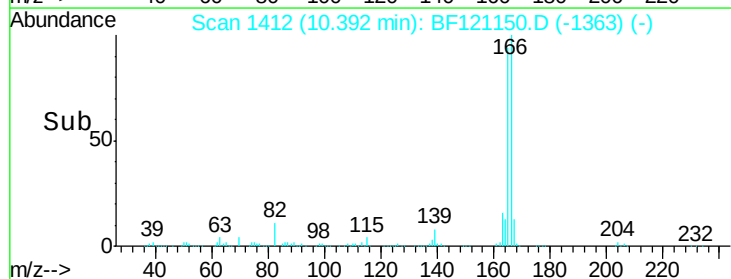
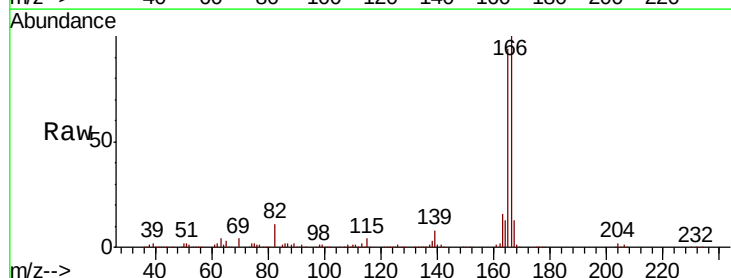
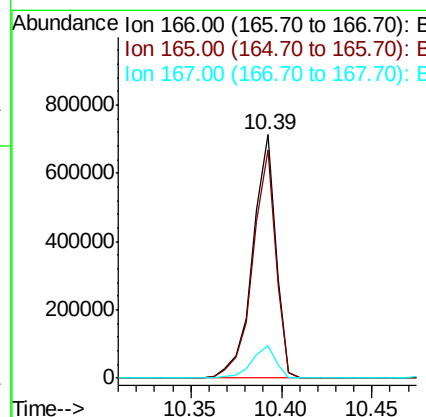
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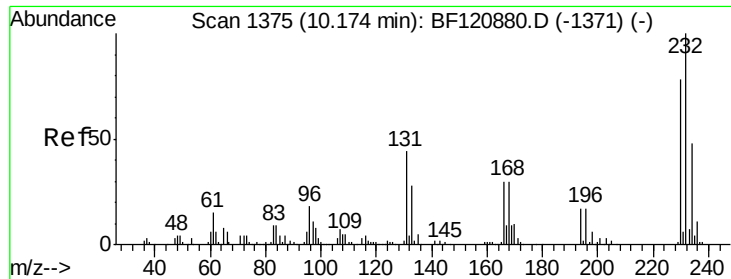
mohammad
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#58
Fluorene
Concen: 37.789 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	93.6	75.4	113.0
167	13.4	10.6	15.8





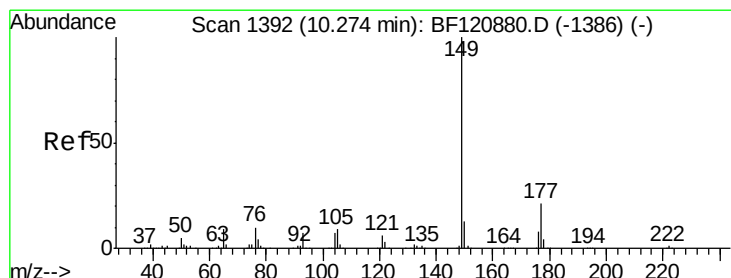
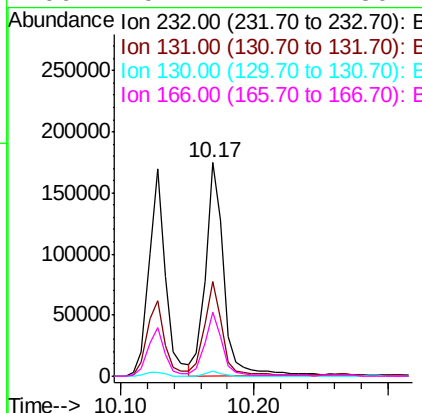
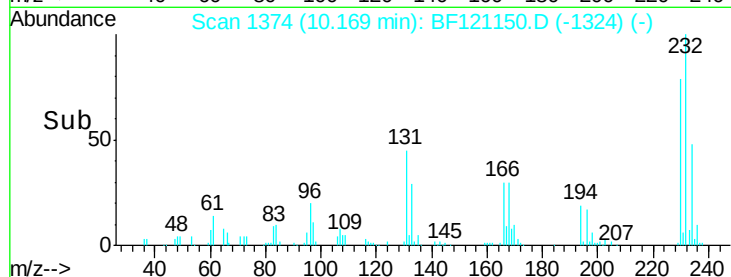
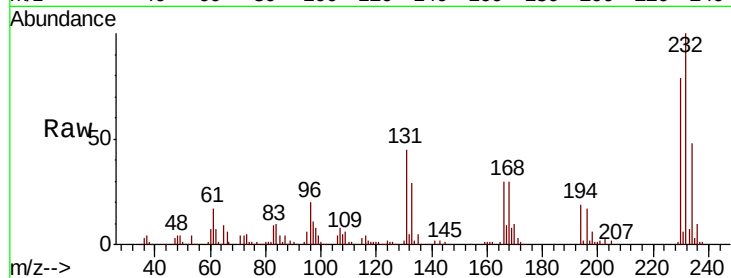
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.881 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	37.1	55.7
130	2.1	1.7	2.5
166	29.2	24.2	36.4

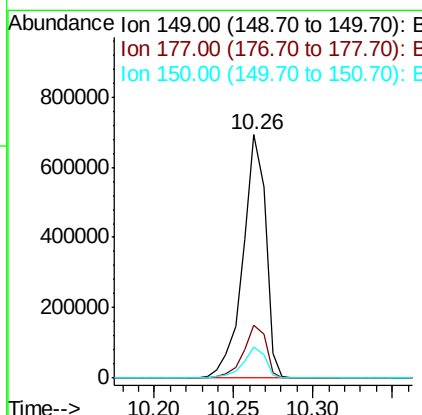
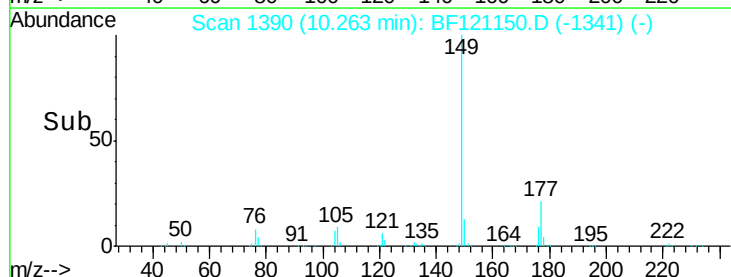
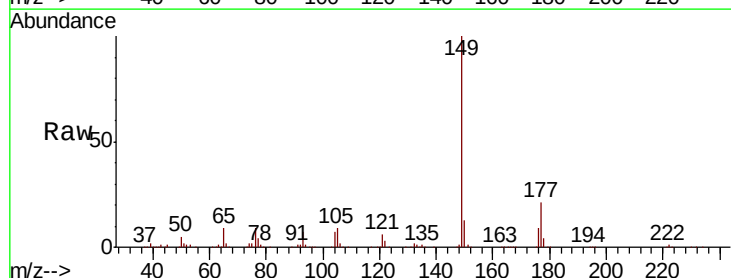
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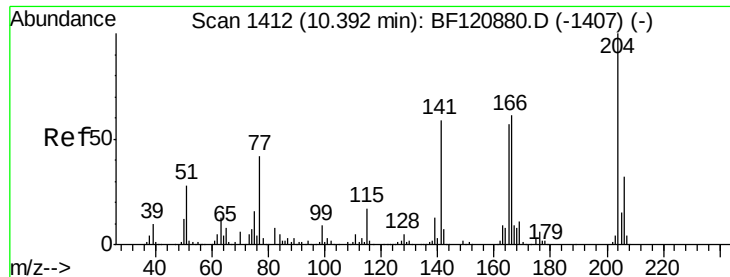
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#60
 Diethylphthalate
 Concen: 37.327 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.1	25.7
150	12.7	10.3	15.5





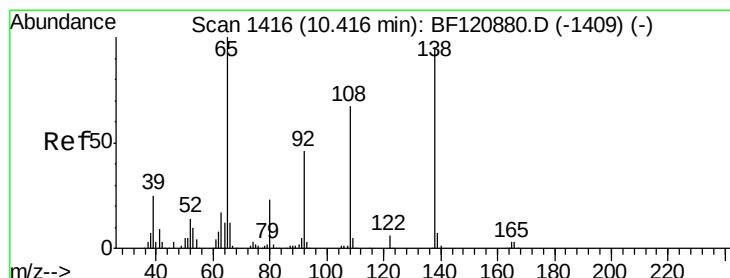
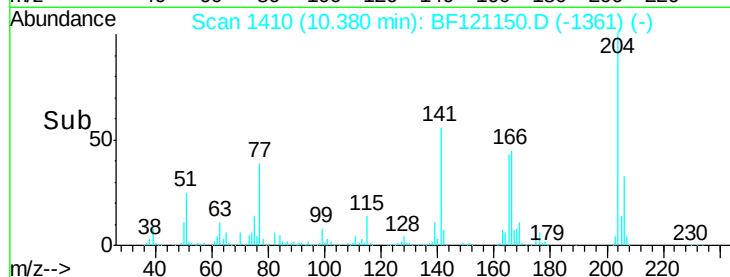
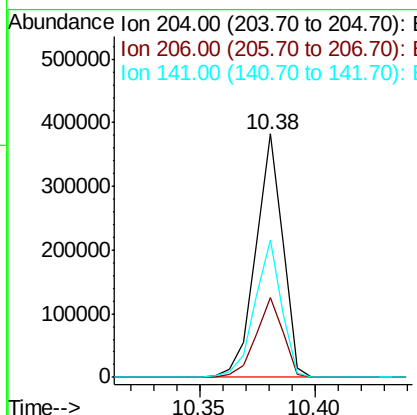
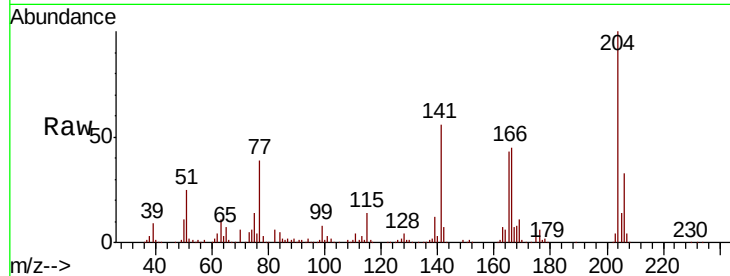
#61
 4-Chlorophenyl-phenylether
 Concen: 35.209 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion:	204	Resp:	313669
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.9	38.9
141	56.2	47.2	70.8

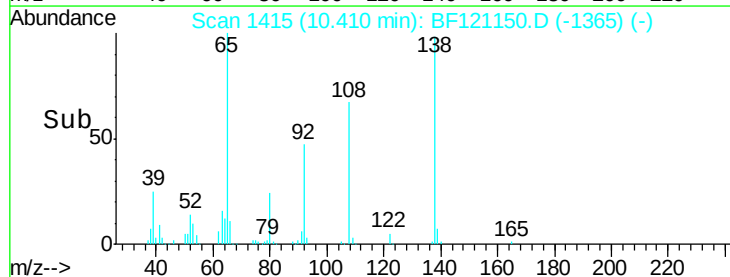
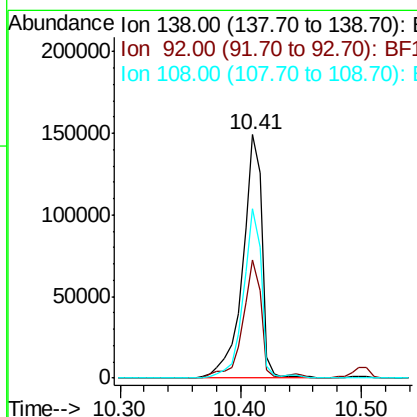
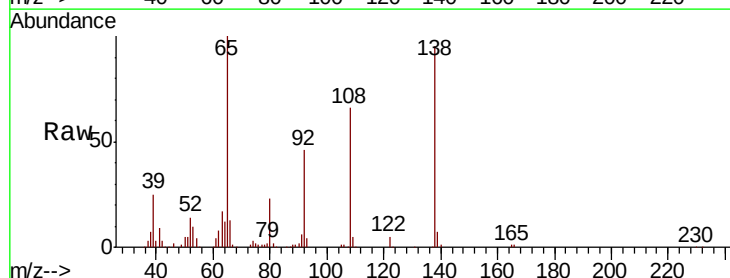
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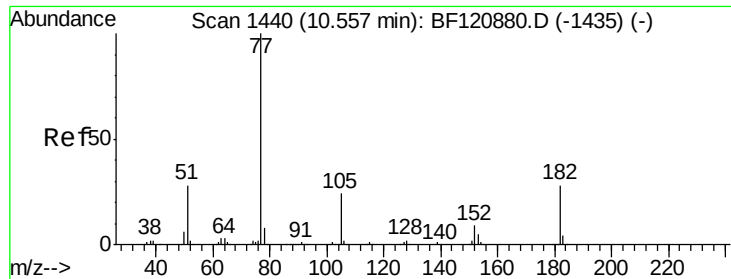
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#62
 4-Nitroaniline
 Concen: 34.712 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion:	138	Resp:	165714
Ion Ratio	Lower	Upper	
138	100		
92	48.4	28.6	68.6
108	69.8	51.1	91.1





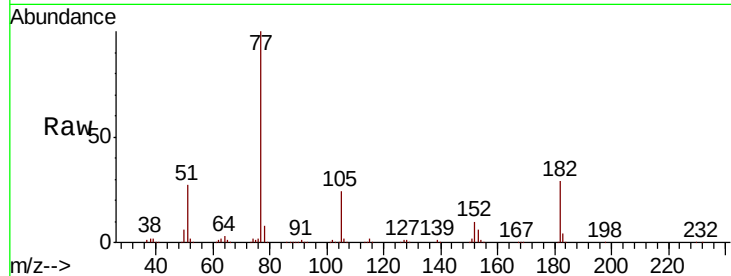
#63
Azobenzene
Concen: 36.712 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

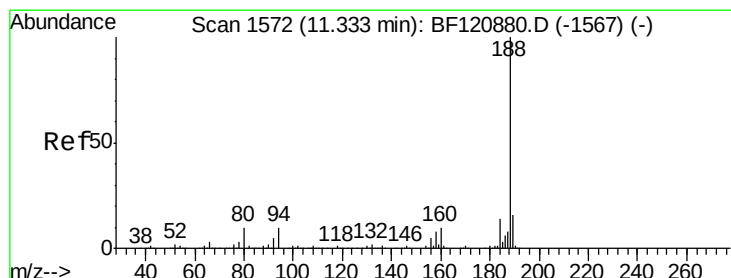
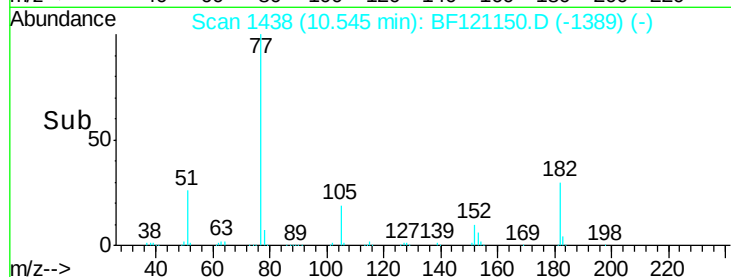
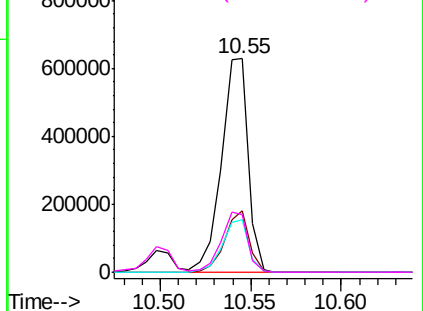
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.8	47.8
105	24.4	4.4	44.4
51	26.7	8.0	48.0

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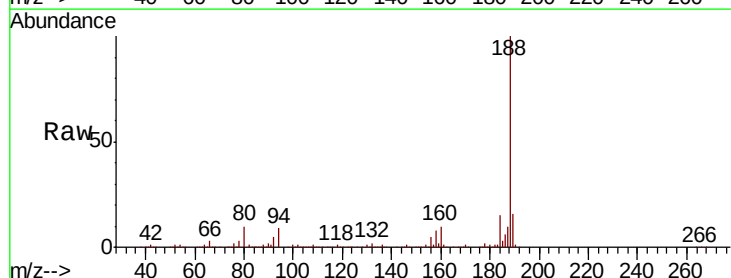


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

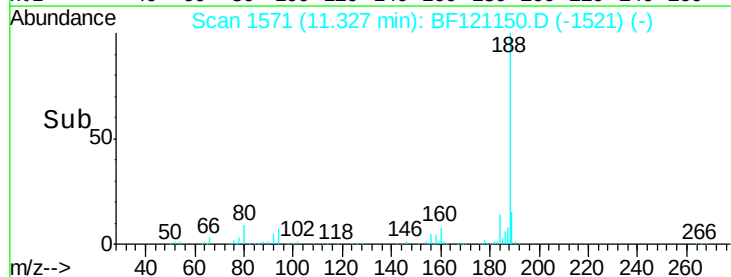
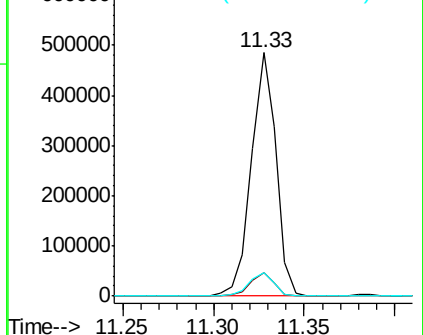


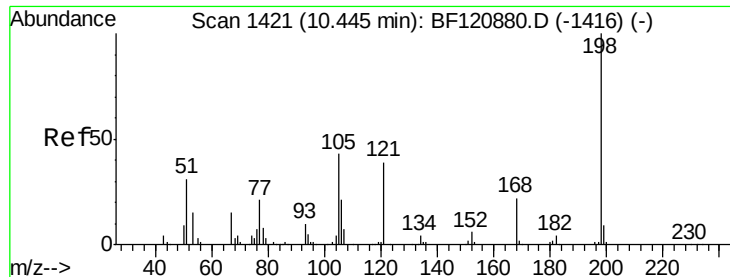
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	9.7	8.3	12.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.968 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

ClientSampleId :

PB130555BS

Tot Ion:198 Resp: 95640

Ion Ratio Lower Upper

198 100

51 47.4 19.5 59.5

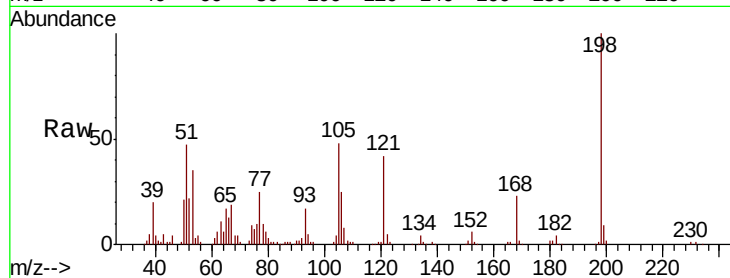
105 47.6 24.4 64.4

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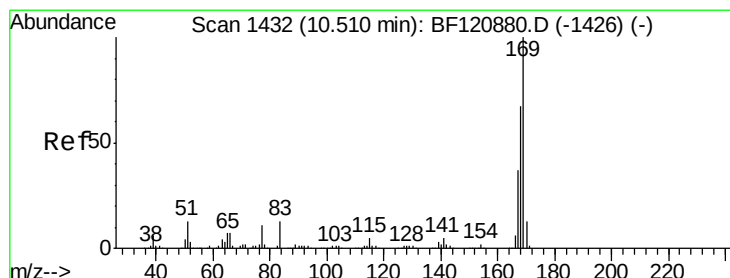
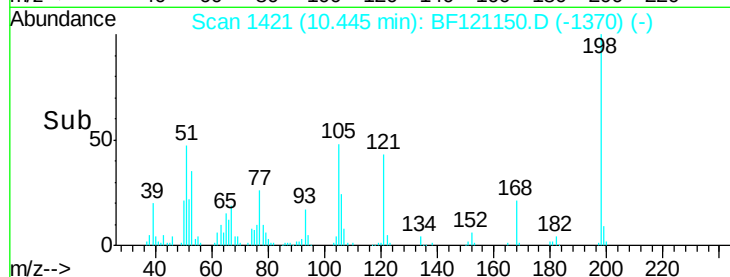
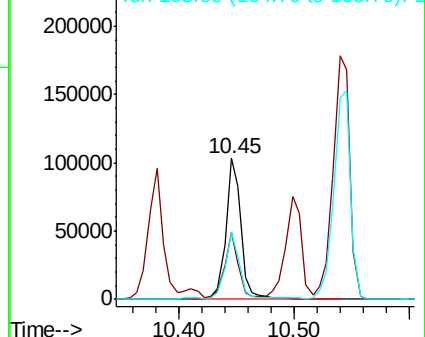
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.477 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

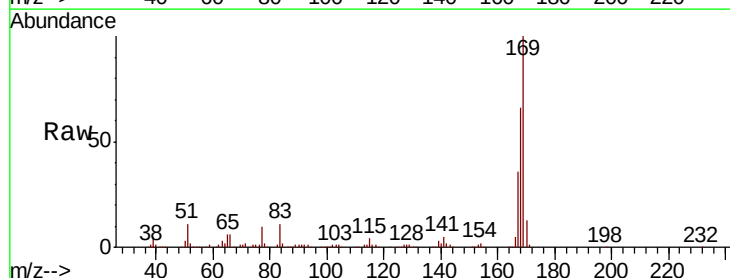
Tgt Ion:169 Resp: 584361

Ion Ratio Lower Upper

169 100

168 66.3 53.4 80.0

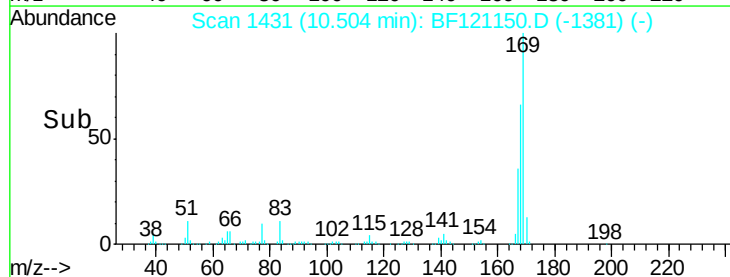
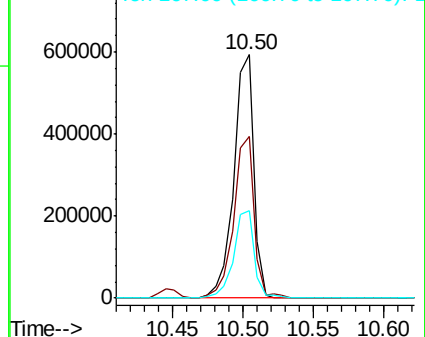
167 36.1 29.4 44.0

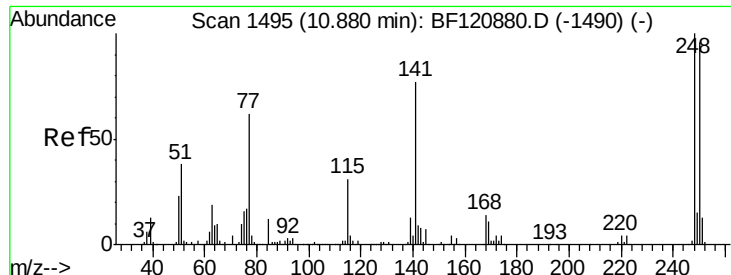


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





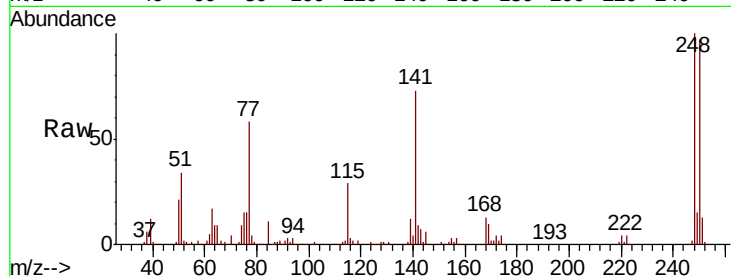
#67
4-Bromophenyl-phenylether
Concen: 39.465 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	73.5	61.2	91.8

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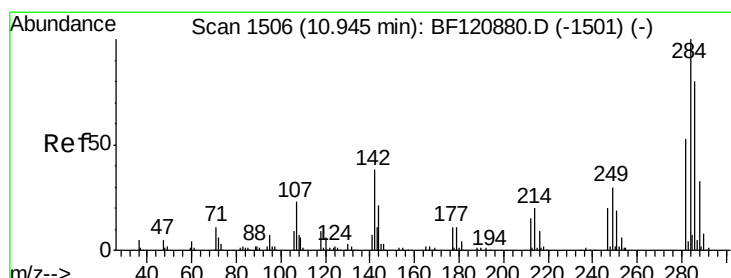
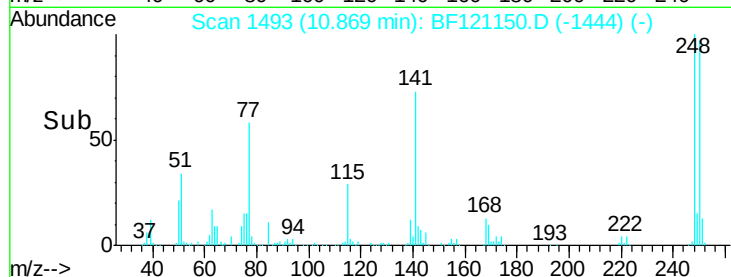
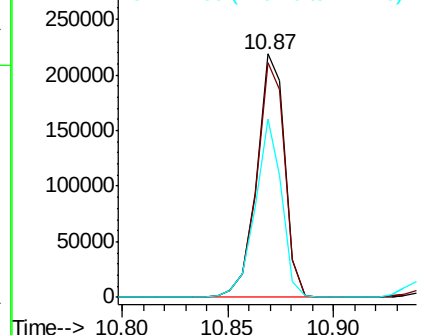


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.777 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

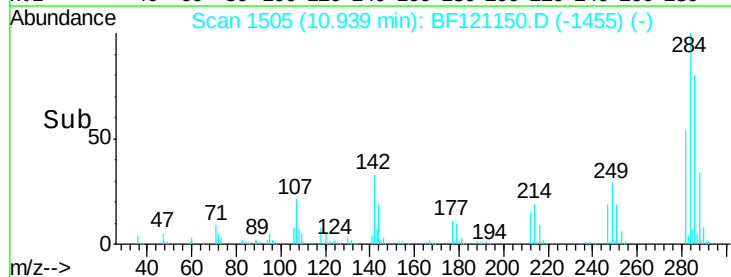
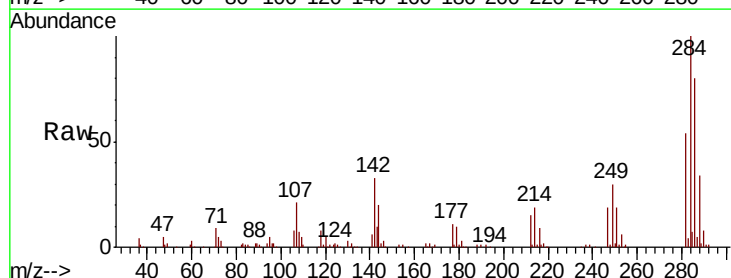
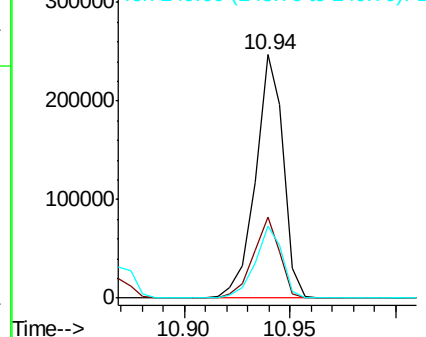
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	30.2	45.2
249	29.7	24.2	36.2

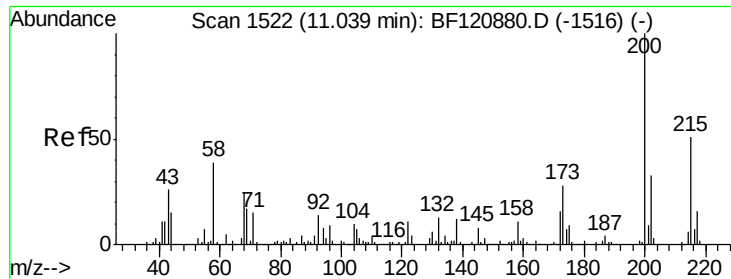
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





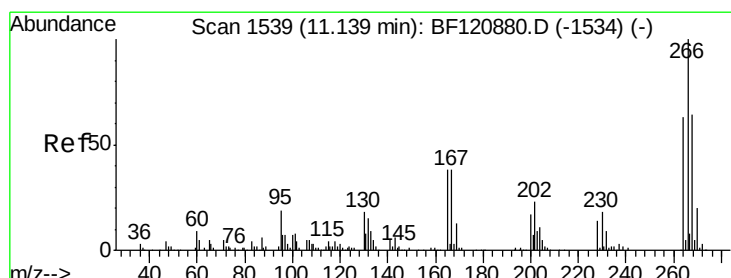
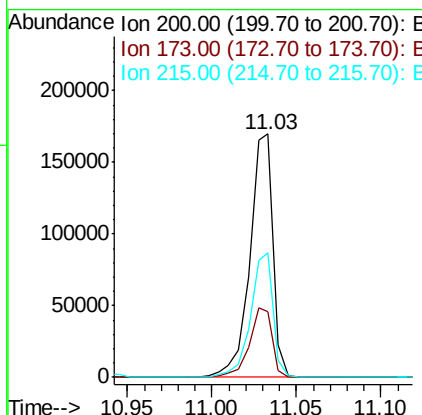
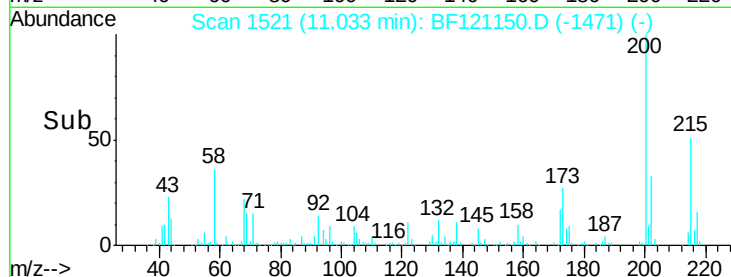
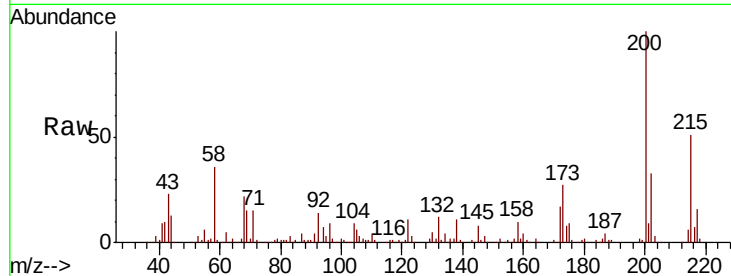
#69
Atrazine
Concen: 45.608 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	8.0	48.0
215	50.9	31.5	71.5

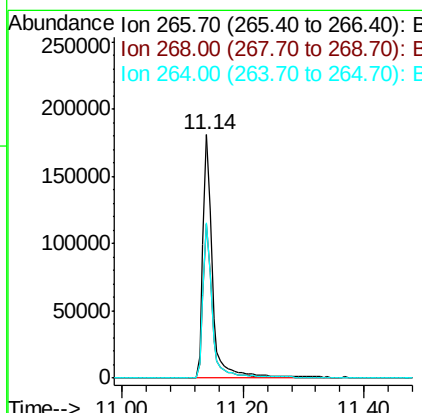
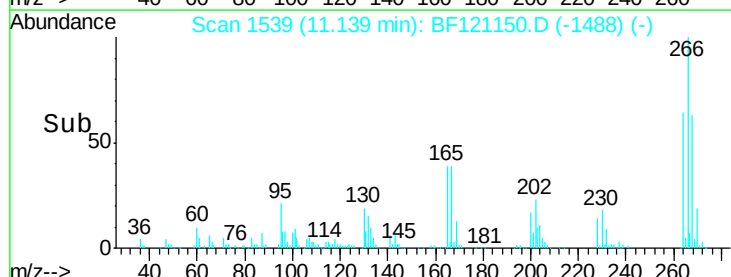
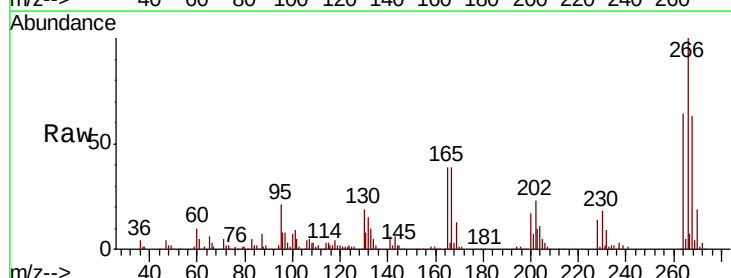
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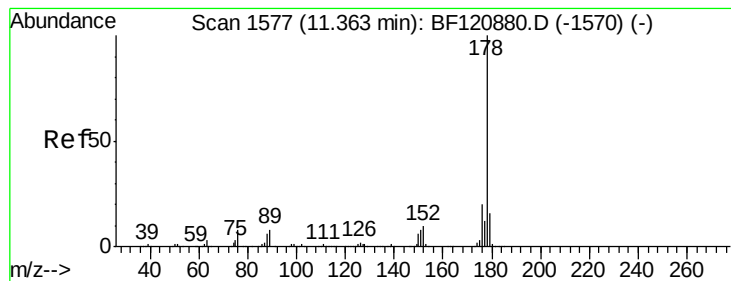
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#70
Pentachlorophenol
Concen: 64.030 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	51.1	76.7
264	63.9	50.2	75.2





#71

Phenanthrene

Concen: 39.110 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

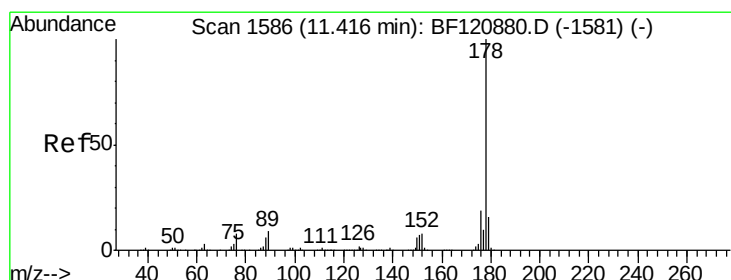
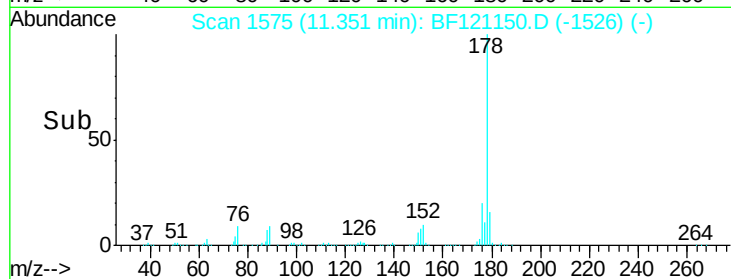
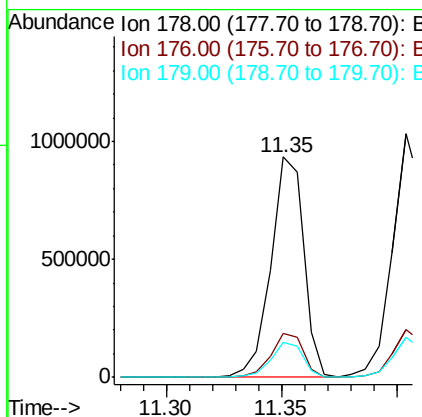
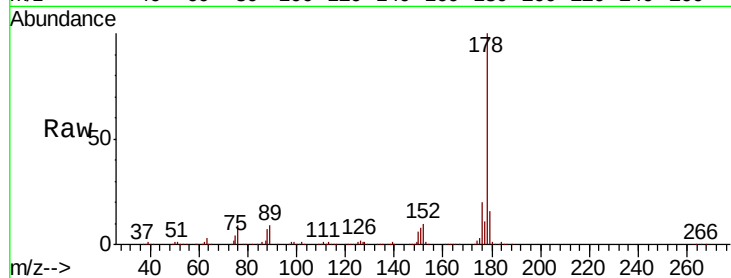
ClientSampleId :

PB130555BS

Tot Ion:	178	Resp:	923117
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.2	24.4
179	15.7	12.8	19.2

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#72

Anthracene

Concen: 39.959 ng

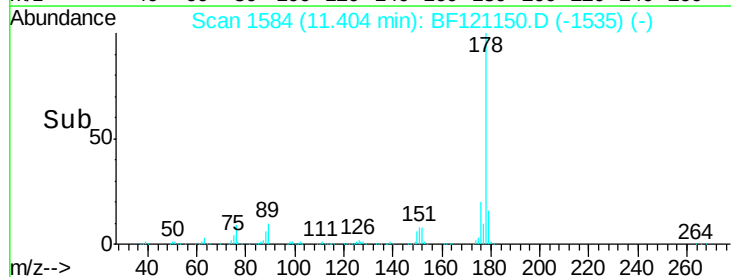
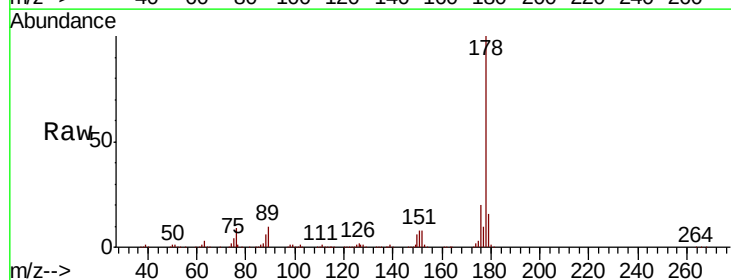
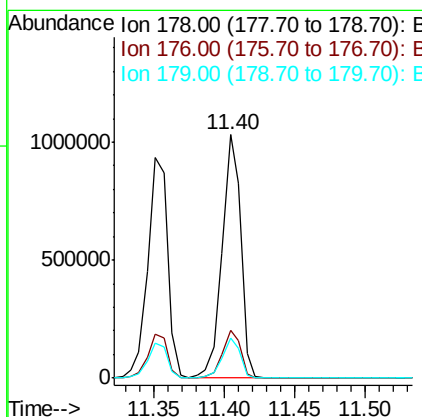
RT: 11.40 min Scan# 1584

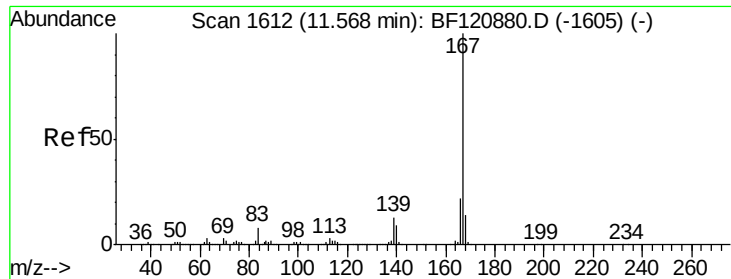
Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	178	Resp:	947048
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.5	23.3
179	16.2	12.8	19.2





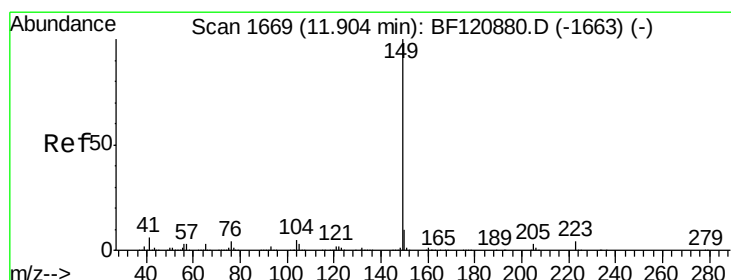
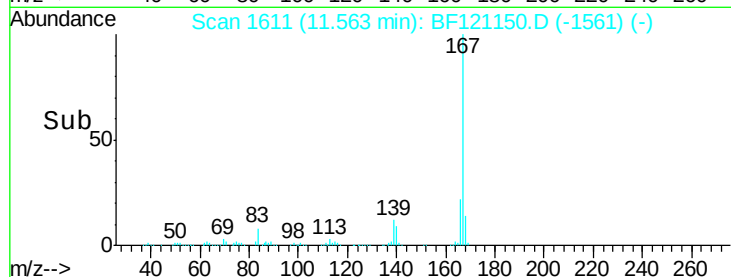
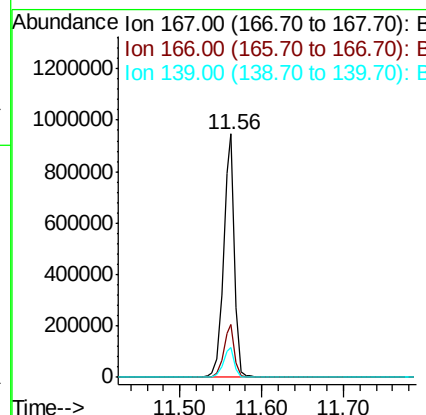
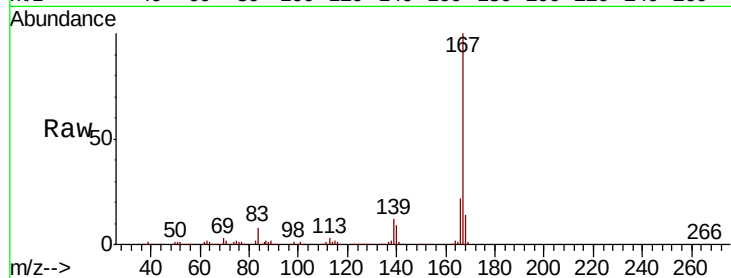
#73
 Carbazole
 Concen: 37.177 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.4	10.1	15.1

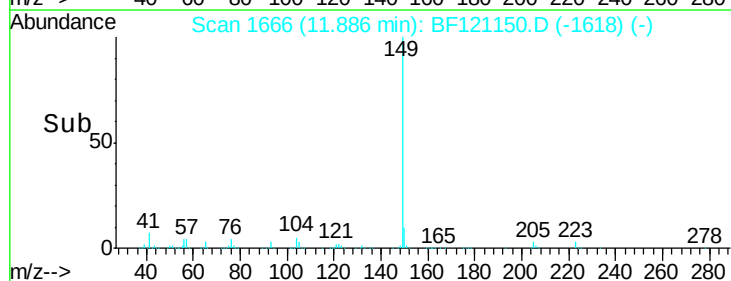
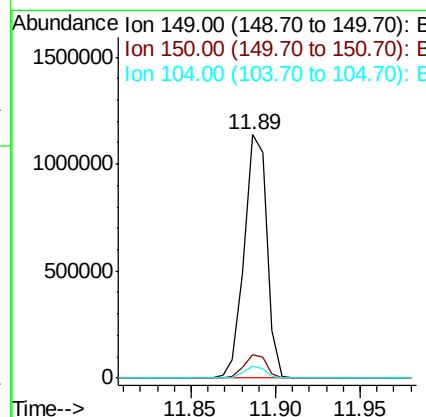
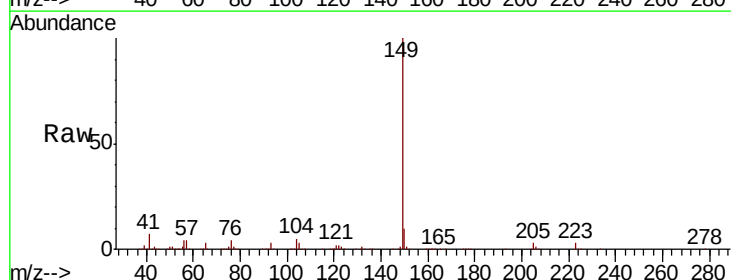
Manual Integrations
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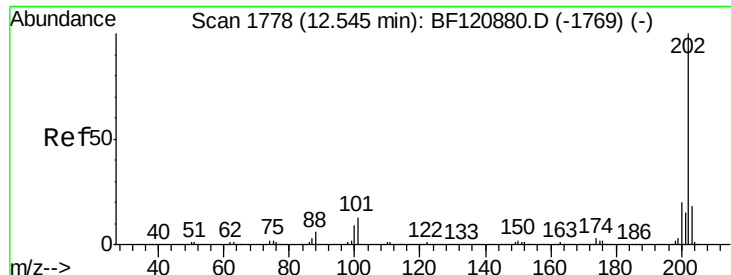
mohammad
 8/3/2020 12:22:50 PM



#74
 Di-n-butylphthalate
 Concen: 39.274 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.7	3.8	5.6





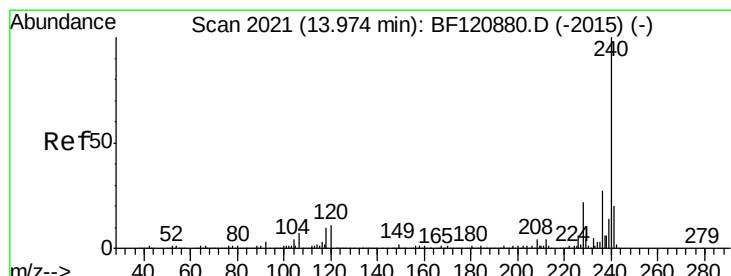
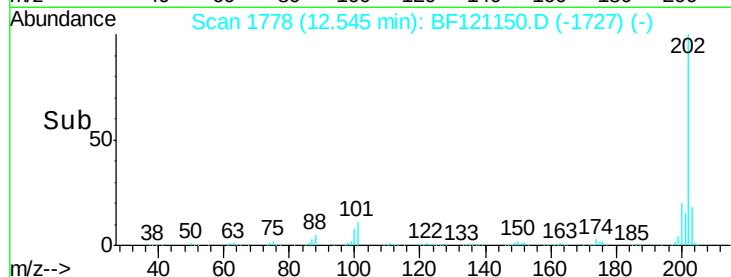
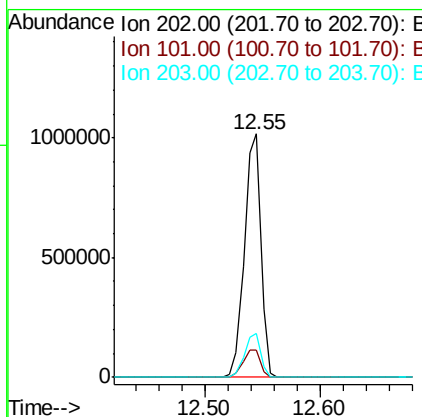
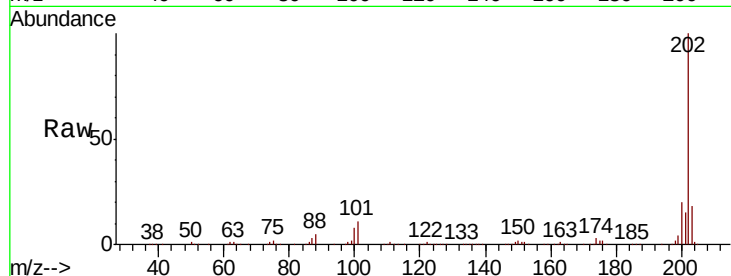
#75
Fluoranthene
 Concen: 38.410 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampled :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.7
203	17.8	0.0	38.0

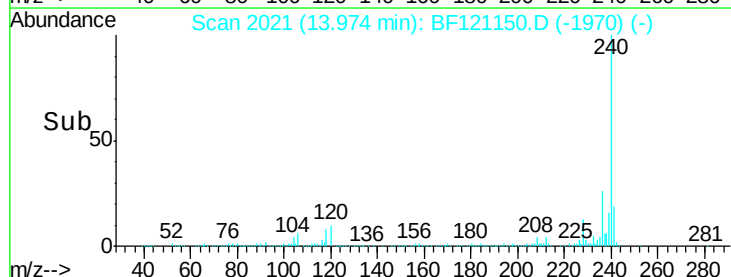
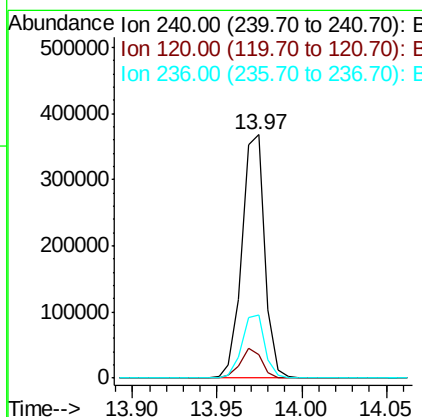
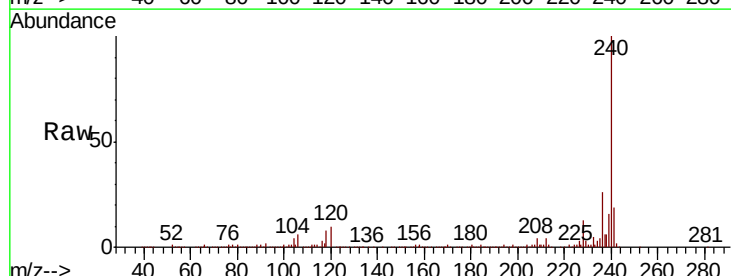
Manual Integrations
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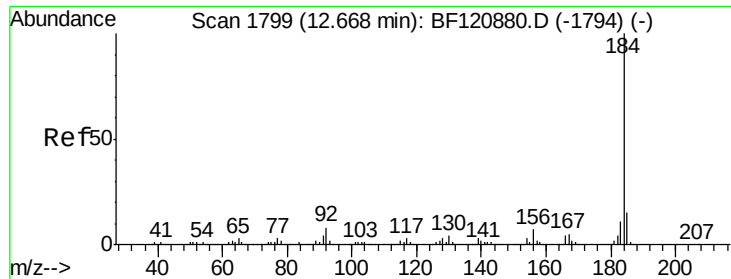
mohammad
 8/3/2020 12:22:50 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.4
236	25.9	21.7	32.5





#77

Benzidine

Concen: 52.357 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Instrument :

BNA_F

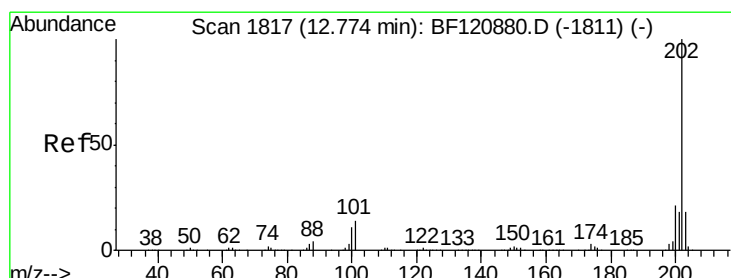
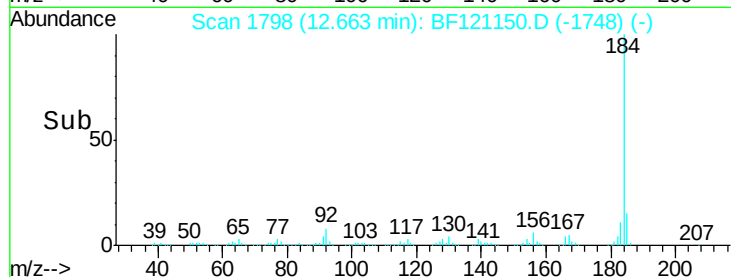
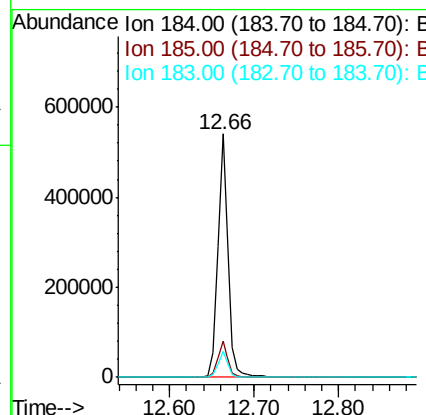
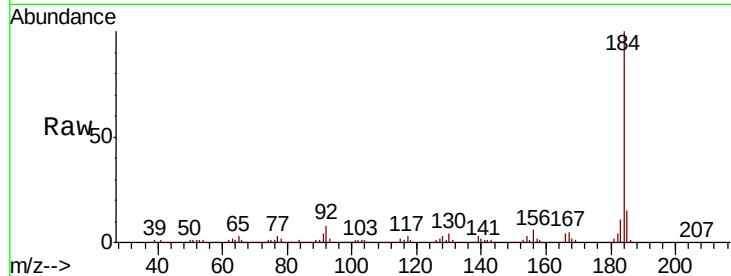
ClientSampleId :

PB130555BS

Tot Ion:	184	Resp:	476458
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	10.9	8.5	12.7

Manual Integrations
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#78

Pyrene

Concen: 41.904 ng

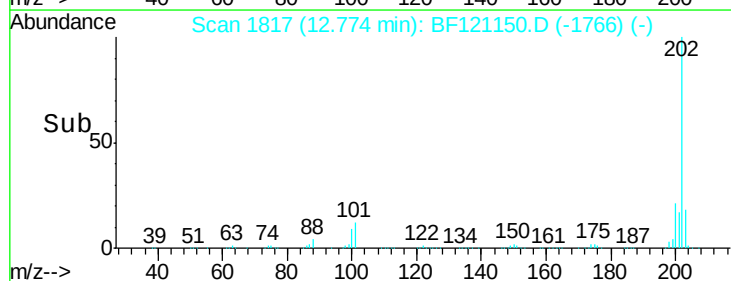
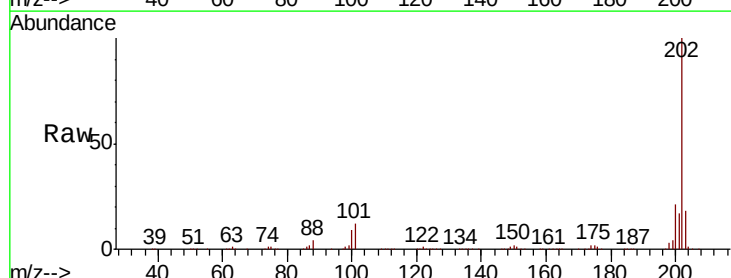
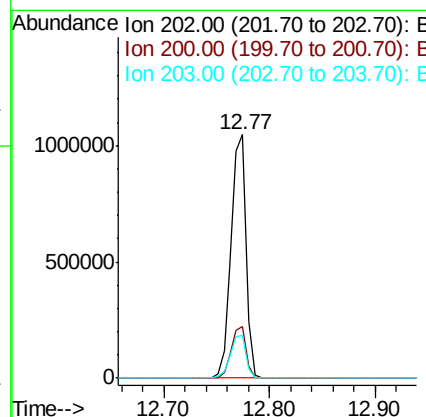
RT: 12.77 min Scan# 1817

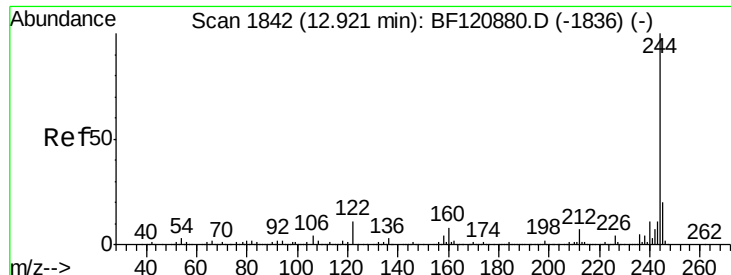
Delta R.T. 0.00 min

Lab File: BF121150.D

Acq: 31 Jul 2020 11:09

Tgt Ion:	202	Resp:	1025447
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	17.6	14.4	21.6





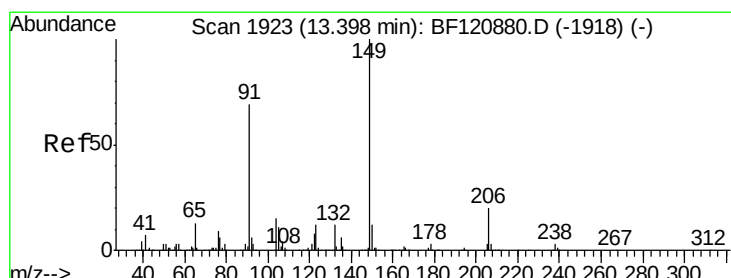
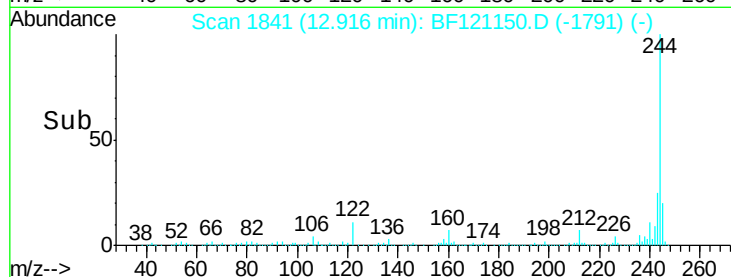
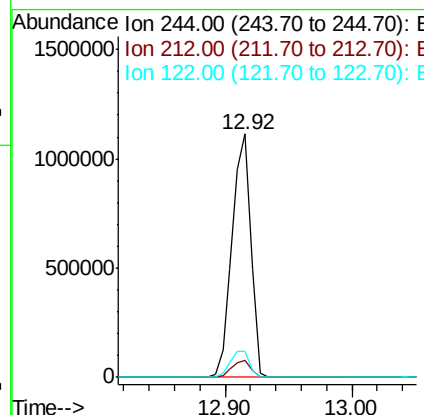
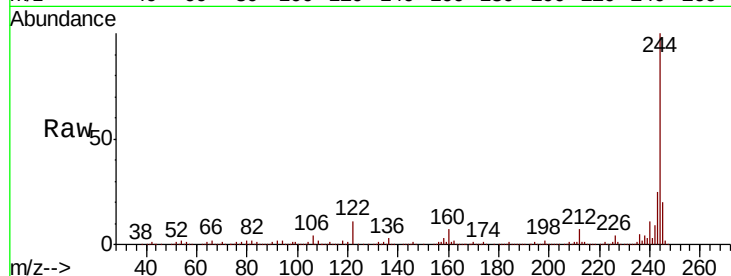
#79
 Terphenyl-d14
 Concen: 71.640 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.5	8.9	13.3

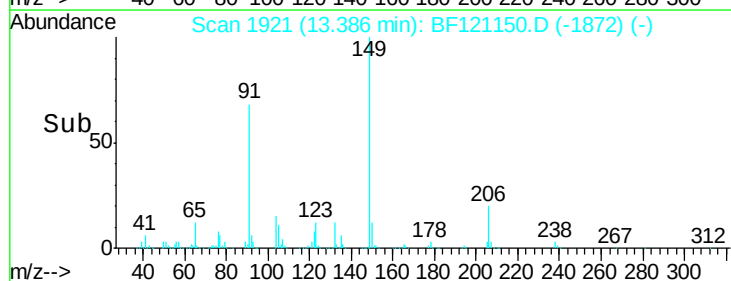
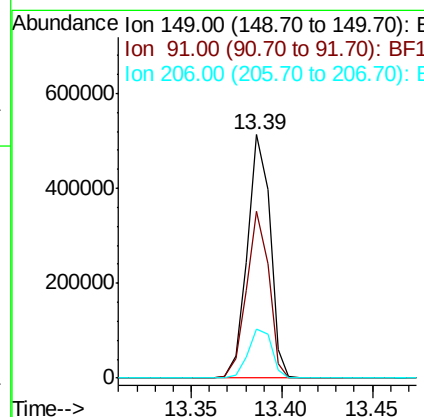
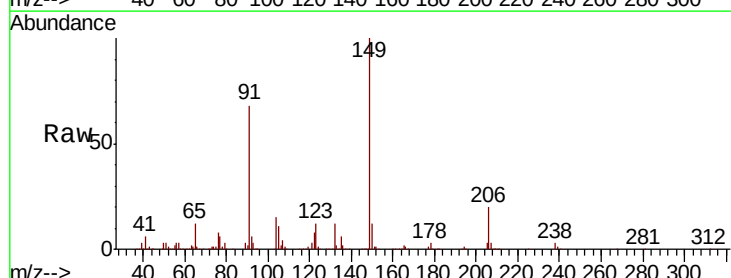
Manual Integrations
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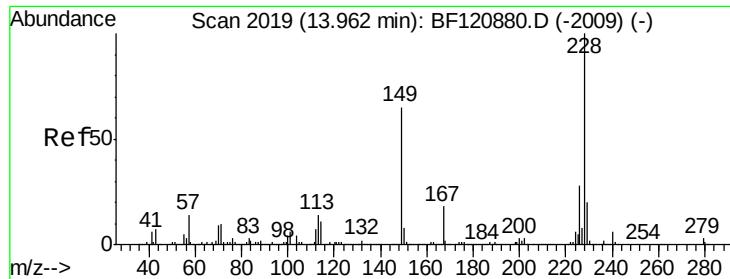
mohammad
 8/3/2020 12:22:50 PM



#80
 Butylbenzylphthalate
 Concen: 41.090 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.1	82.7
206	20.2	16.1	24.1





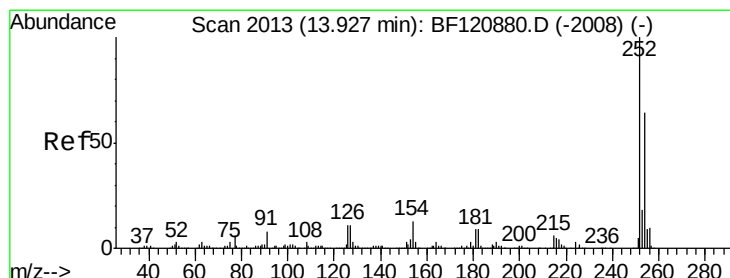
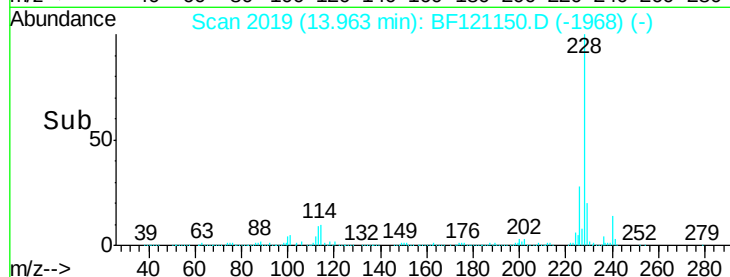
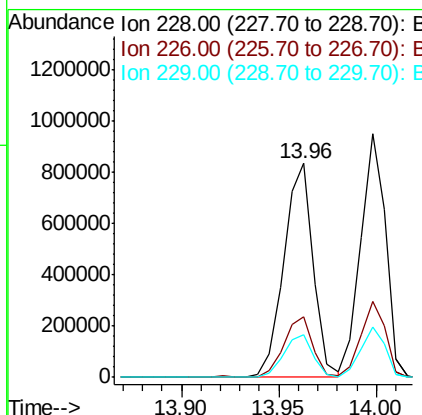
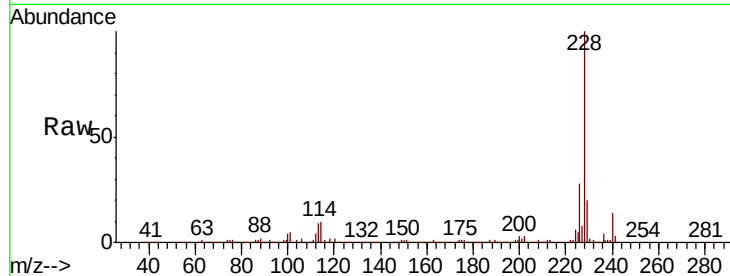
#81
Benzo(a)anthracene
Concen: 41.267 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.0	16.1	24.1

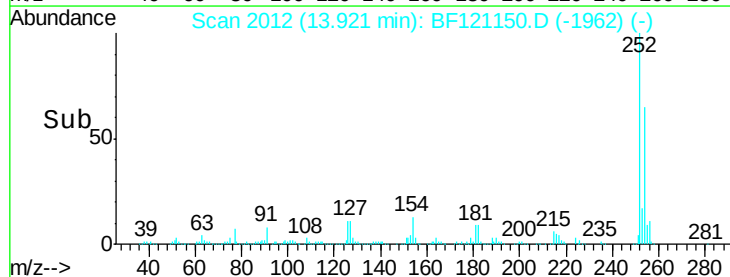
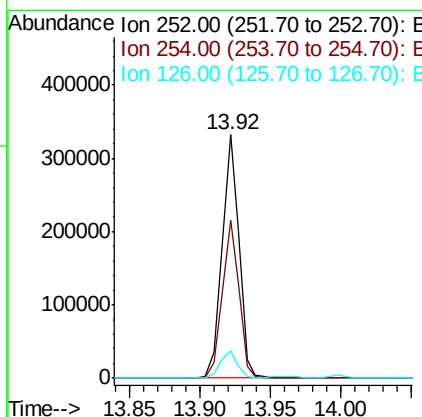
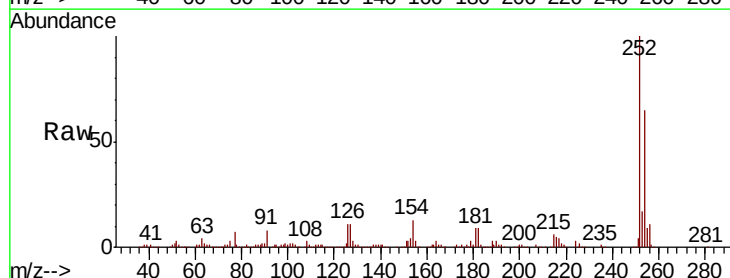
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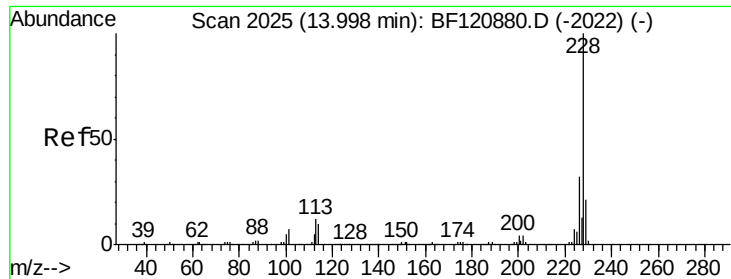
mohammad
8/3/2020 12:22:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 34.959 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	11.2	8.7	13.1





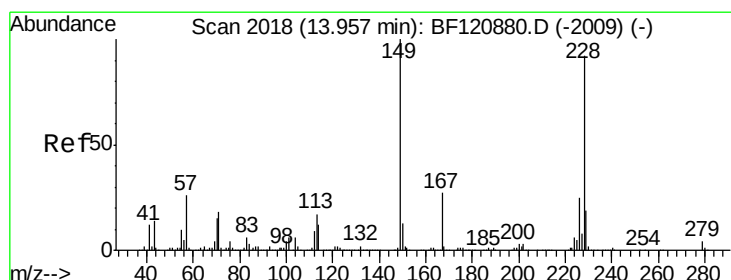
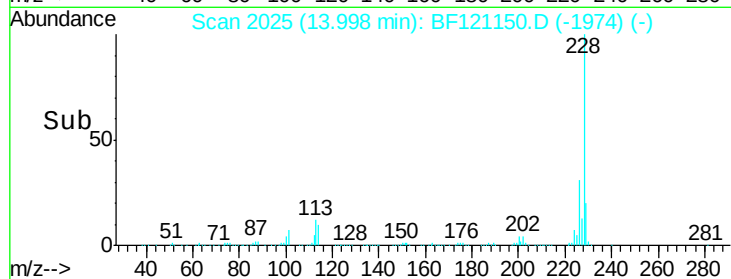
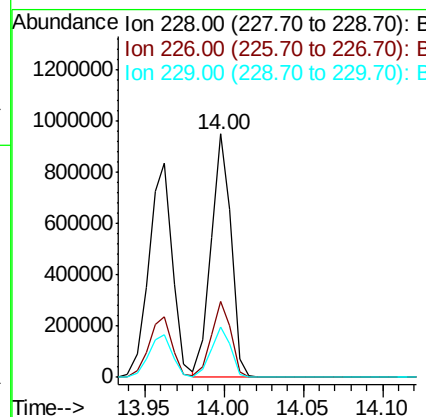
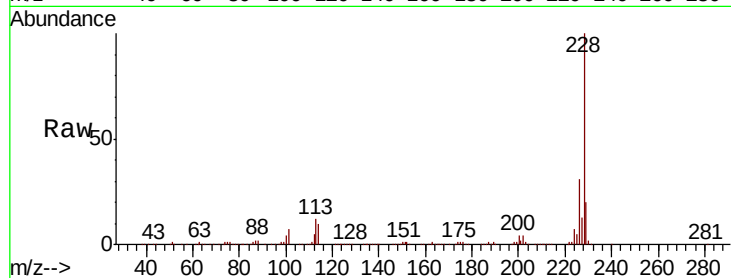
#83
Chrysene
Concen: 38.226 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	20.5	16.8	25.2

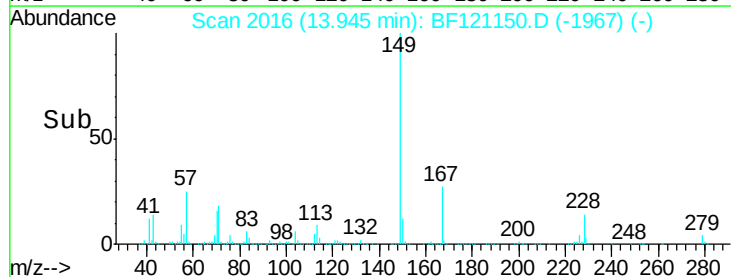
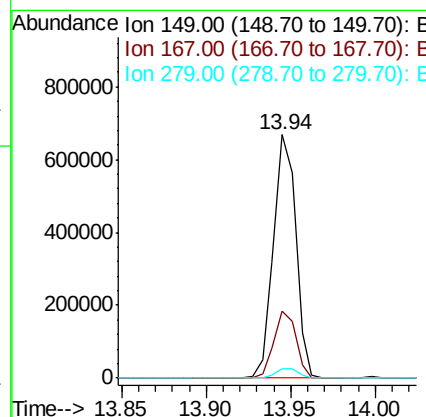
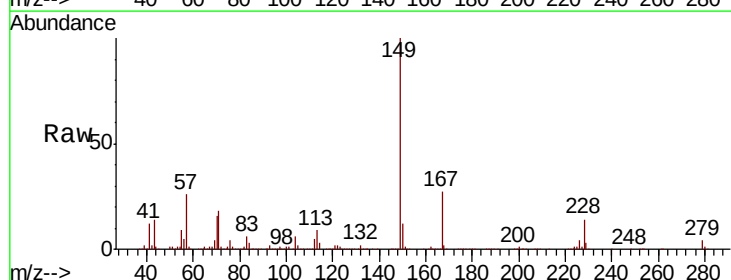
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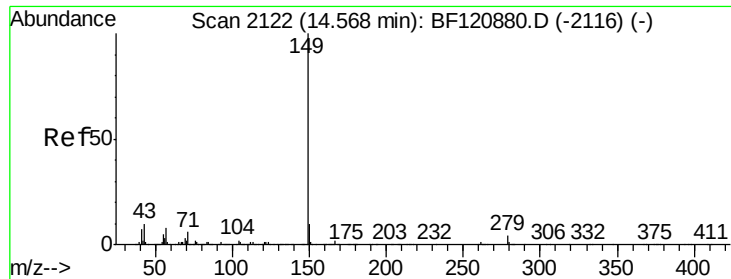
mohammad
8/3/2020 12:22:50 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.791 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	3.8	3.0	4.4





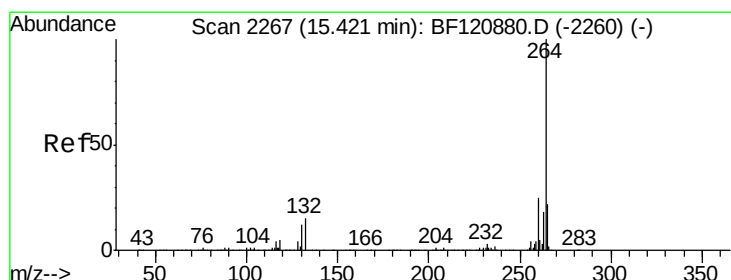
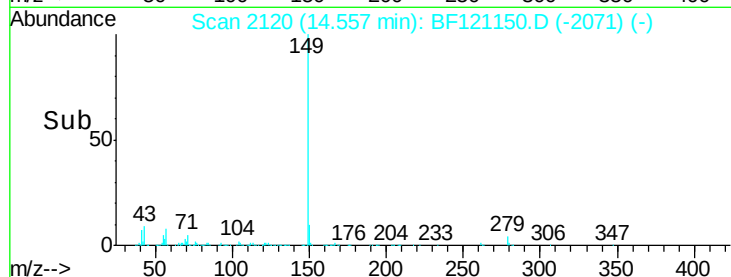
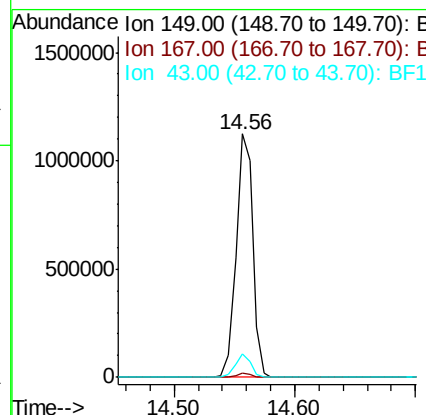
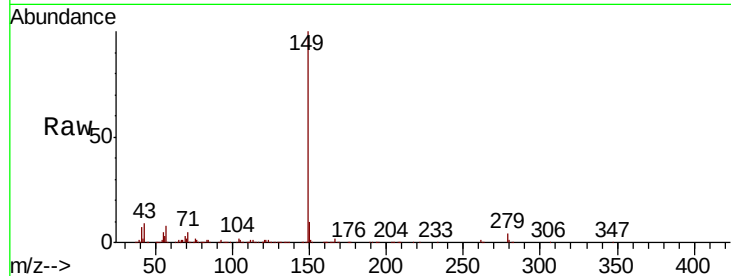
#85
Di-n-octyl phthalate
Concen: 40.262 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.6	11.4

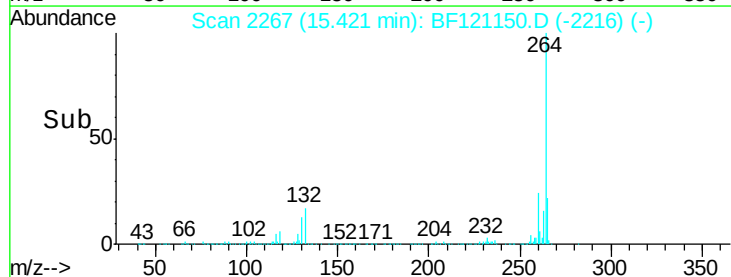
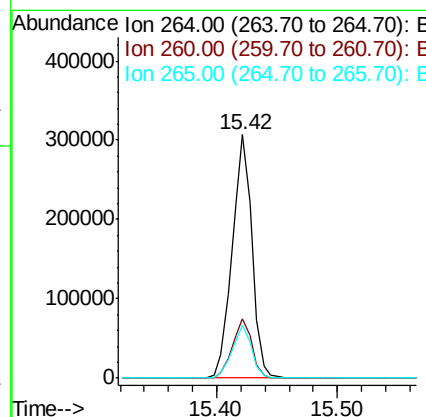
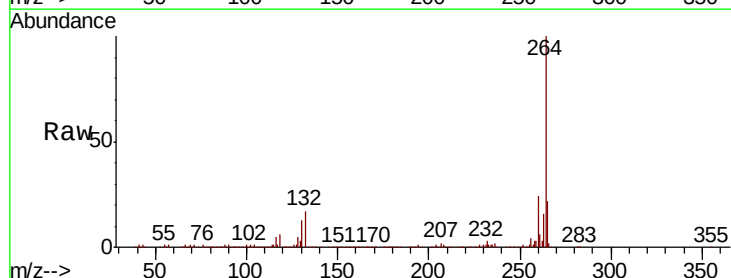
Manual Integrations
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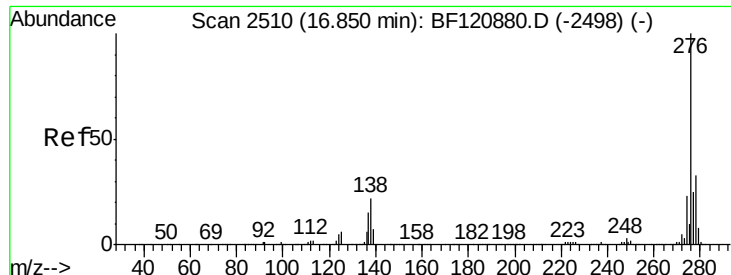
mohammad
8/3/2020 12:22:50 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.6	17.4	26.2





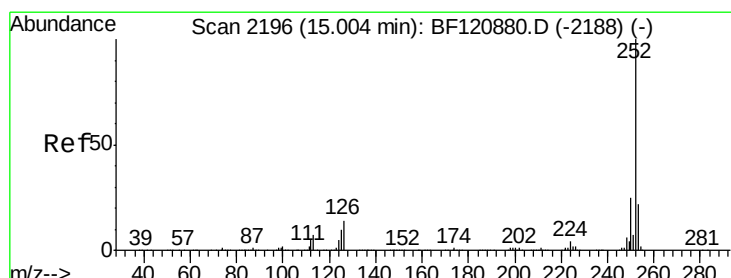
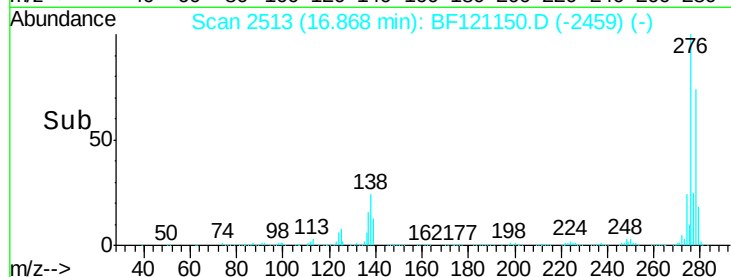
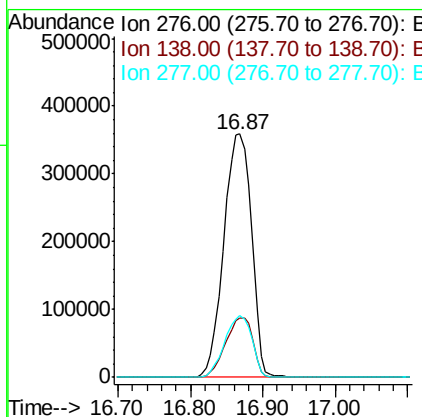
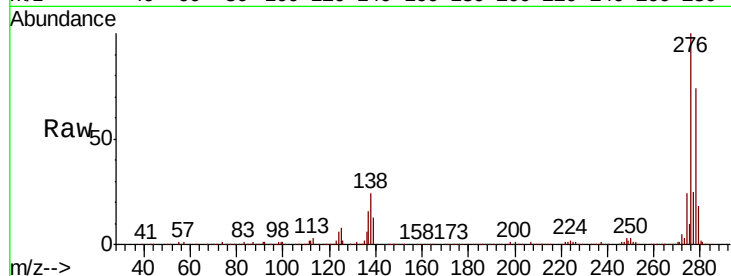
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.453 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.02 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.8	29.8
277	24.9	20.2	30.2

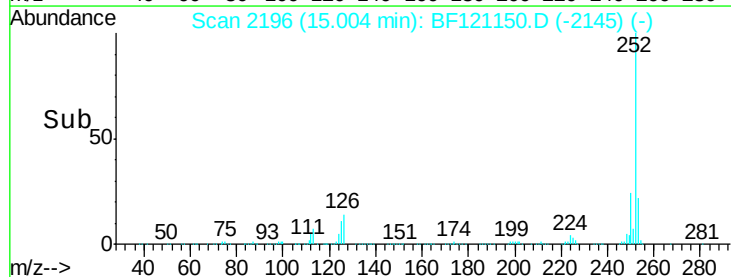
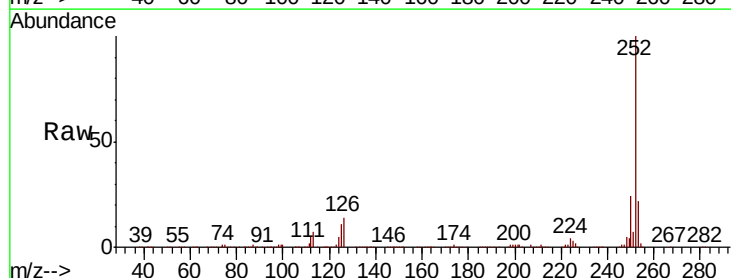
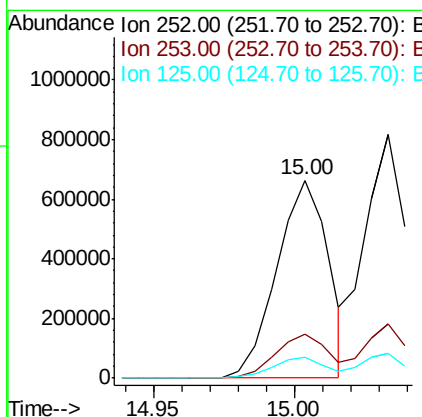
Manual Integrations
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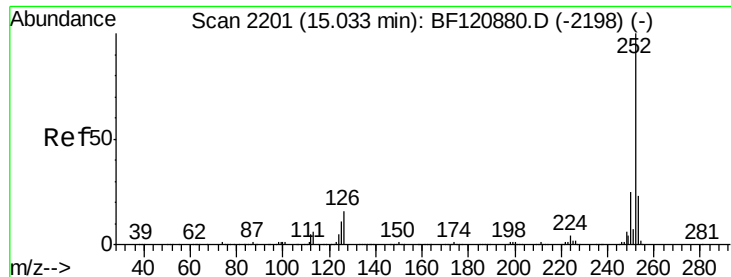
mohammad
 8/3/2020 12:22:50 PM



#88
 Benzo(b)fluoranthene
 Concen: 40.010 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121150.D
 Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.6	8.3	12.5





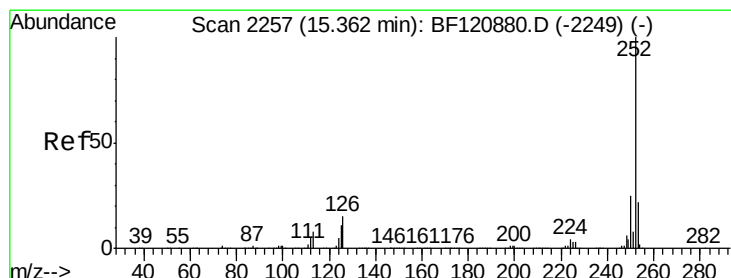
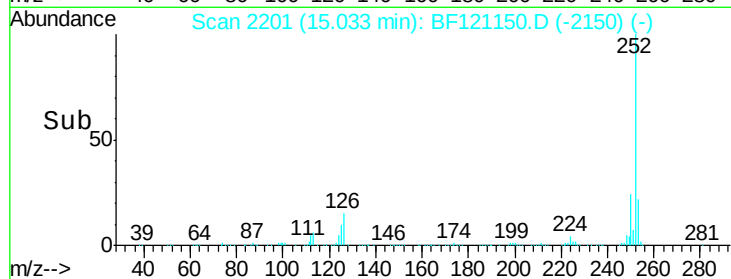
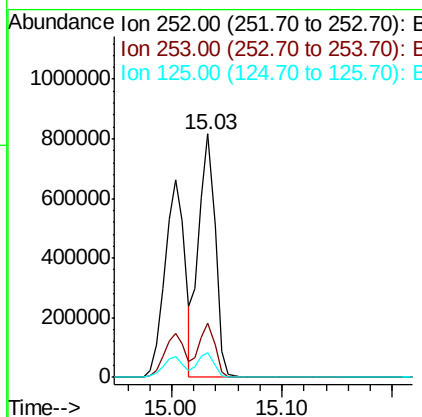
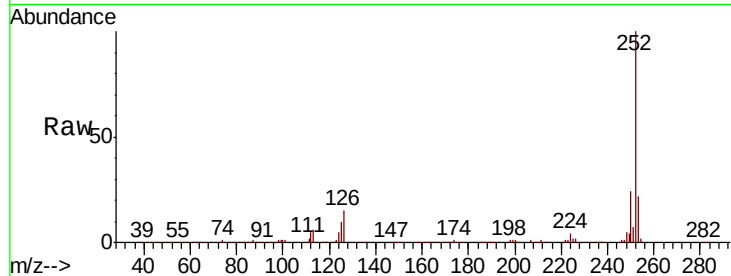
#89
Benzo(k)fluoranthene
Concen: 42.918 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampled :
PB130555BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.9	8.4	12.6

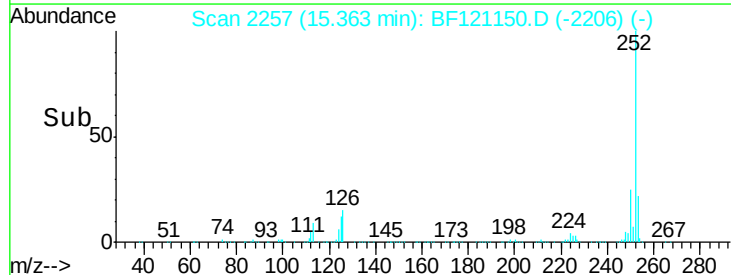
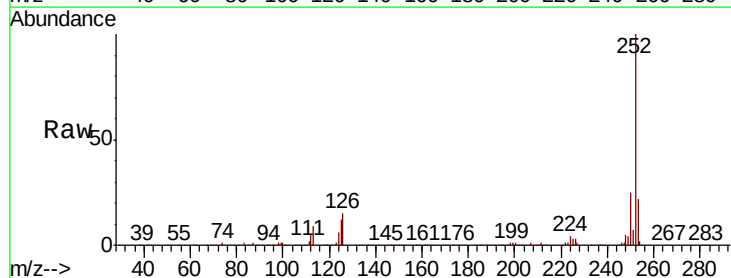
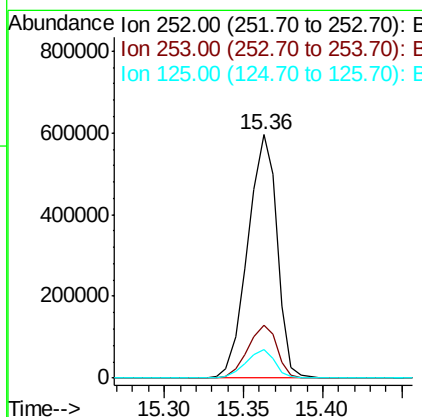
Manual Integrations
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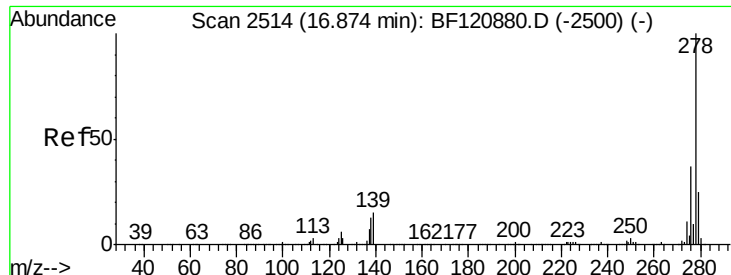
mohammad
8/3/2020 12:22:50 PM



#90
Benzo(a)pyrene
Concen: 39.887 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.6	8.9	13.3





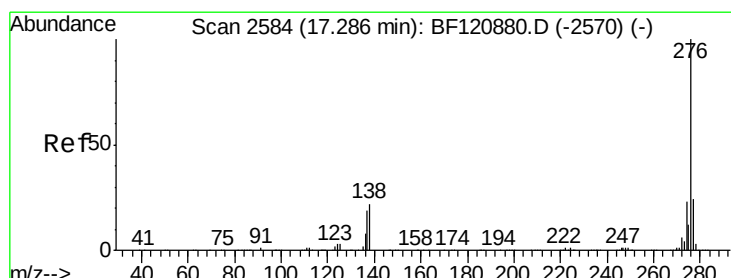
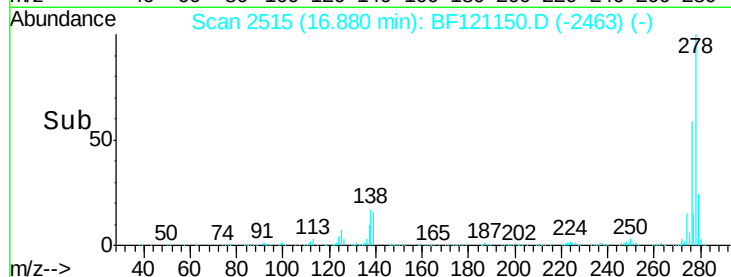
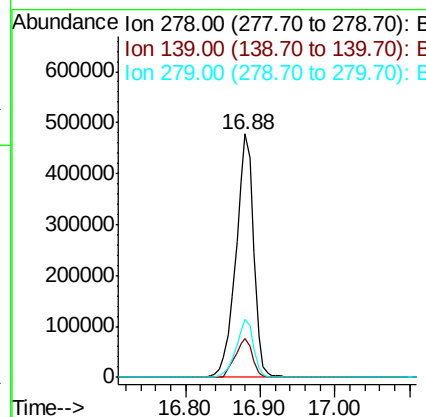
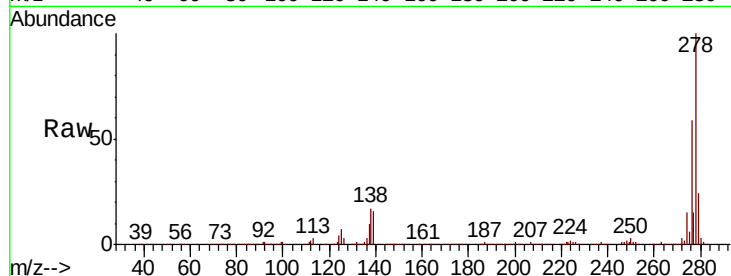
#91
Dibenzo(a,h)anthracene
Concen: 40.134 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Instrument :
BNA_F
ClientSampleId :
PB130555BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.9	20.1	30.1

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:50 PM



#92
Benzo(g,h,i)perylene
Concen: 41.609 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.02 min
Lab File: BF121150.D
Acq: 31 Jul 2020 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.0	17.5	26.3

