

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123465.D
 Acq On : 25 Mar 2021 17:06
 Operator : JU/CG
 Sample : M1777-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 244RE

Quant Time: Mar 25 17:39:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

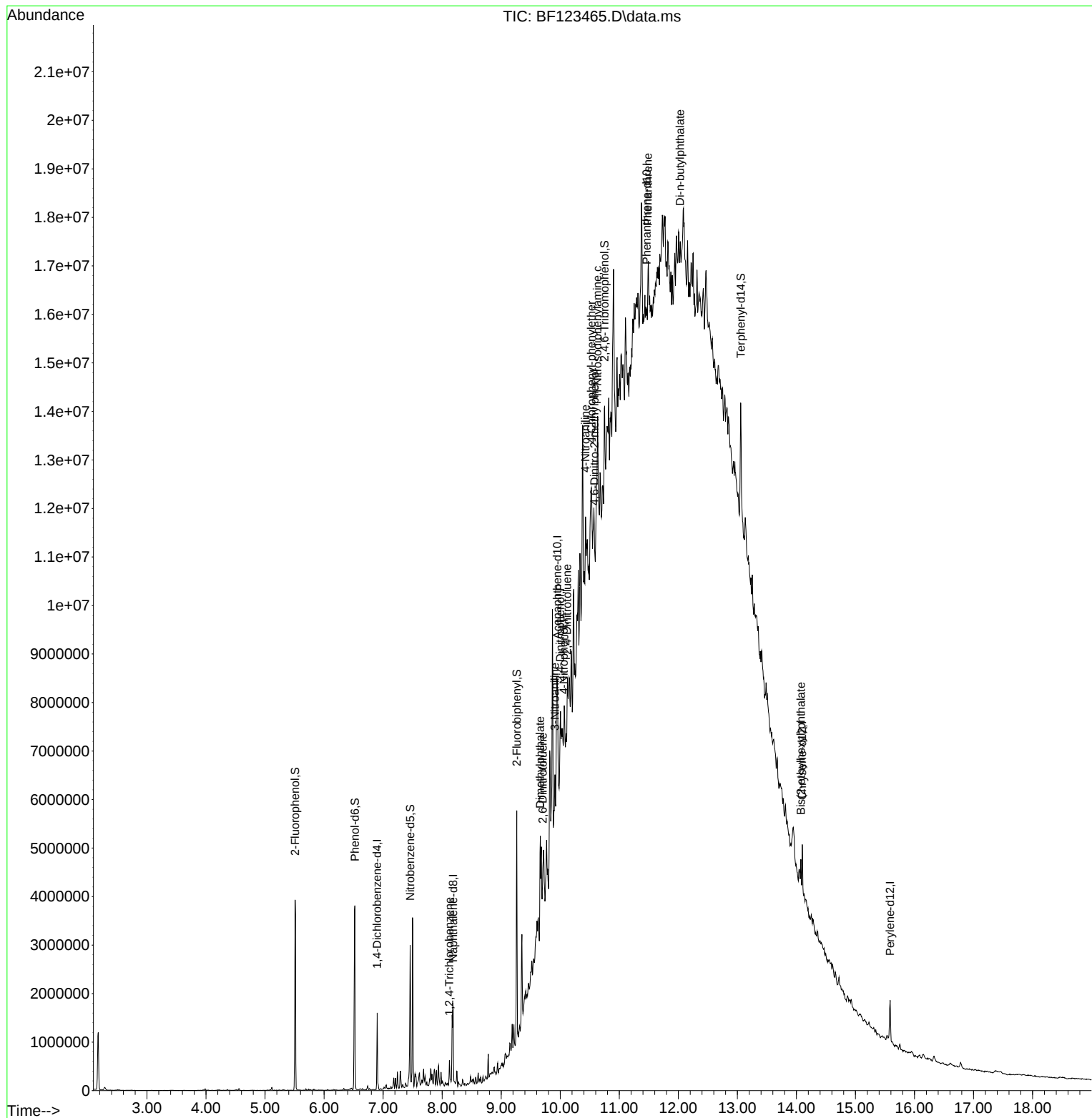
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	197487	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	689192	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	266581	20.00	ng	0.00
64) Phenanthrene-d10	11.463	188	318879	20.00	ng	# 0.03
76) Chrysene-d12	14.098	240	352612	20.00	ng	0.02
86) Perylene-d12	15.586	264	427518	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1007489	83.46	ng	0.00
7) Phenol-d6	6.522	99	1257589	78.26	ng	0.00
23) Nitrobenzene-d5	7.457	82	812123	63.60	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	237716	79.76	ng	0.02
45) 2-Fluorobiphenyl	9.263	172	1307685	70.08	ng	0.00
79) Terphenyl-d14	13.057	244	900691	43.29	ng	0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	5701	Below Cal		94
30) 1,2,4-Trichlorobenzene	8.122	180	65996	5.49 ng		97
50) Dimethylphthalate	9.657	163	73763	3.90 ng	#	27
51) 2,6-Dinitrotoluene	9.704	165	70274	17.77 ng	#	37
53) 3-Nitroaniline	9.910	138	29854	7.15 ng	#	23
54) 2,4-Dinitrophenol	9.998	184	819	9.03 ng	#	1
56) 4-Nitrophenol	10.057	139	7879	2.34 ng	#	1
57) 2,4-Dinitrotoluene	10.116	165	15893	3.22 ng	#	45
61) 4-Chlorophenyl-phenyle...	10.527	204	27682	3.19 ng	#	1
62) 4-Nitroaniline	10.427	138	64742	16.36 ng		93
65) 4,6-Dinitro-2-methylph...	10.580	198	5530	8.00 ng	#	1
66) n-Nitrosodiphenylamine	10.627	169	56396	5.28 ng	#	62
71) Phenanthrene	11.486	178	78448	4.45 ng	#	1
74) Di-n-butylphthalate	12.027	149	130512	6.84 ng	#	54
84) Bis(2-ethylhexyl)phtha...	14.074	149	148688	10.01 ng	#	95

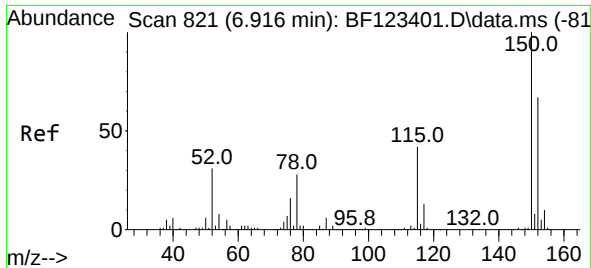
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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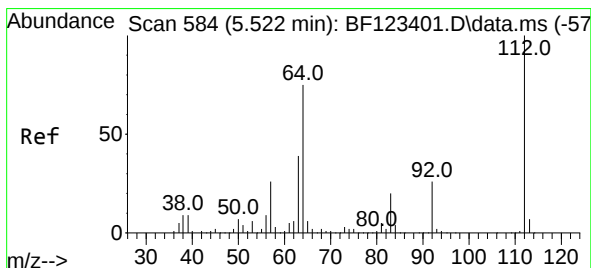
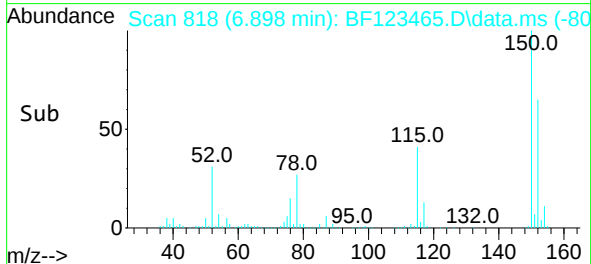
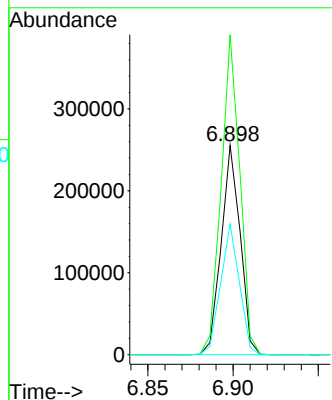
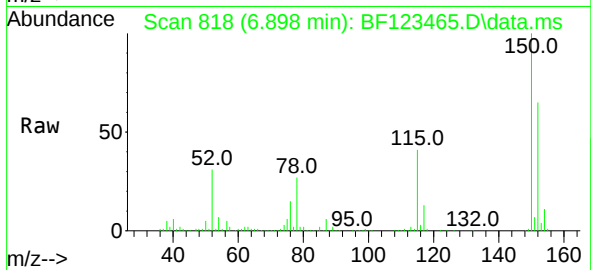




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

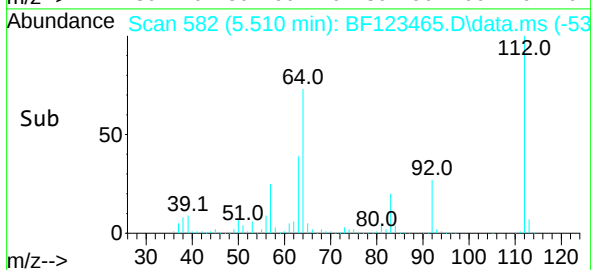
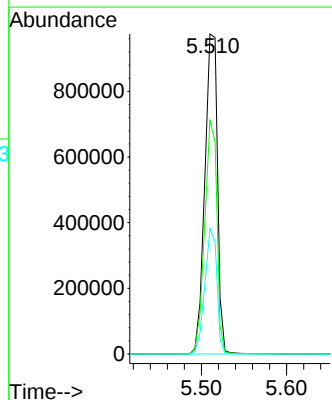
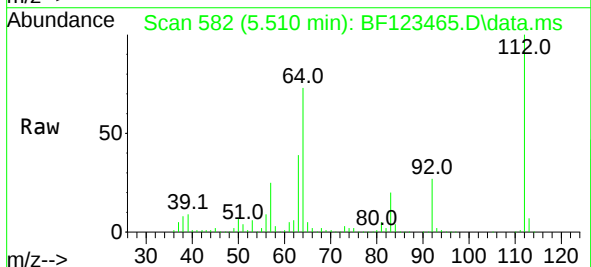
Instrument :
BNA_F
ClientSampled :
244RE

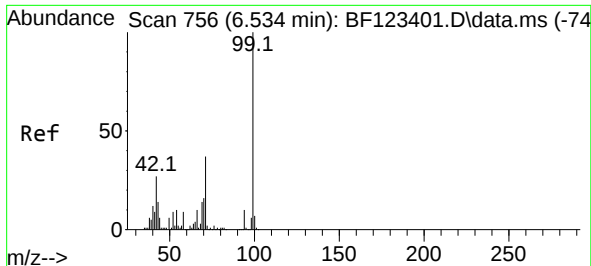
Tgt Ion:152 Resp: 197487
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 83.46 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:112 Resp: 1007489
Ion Ratio Lower Upper
112 100
64 72.9 46.9 70.3#
63 39.2 24.5 36.7#

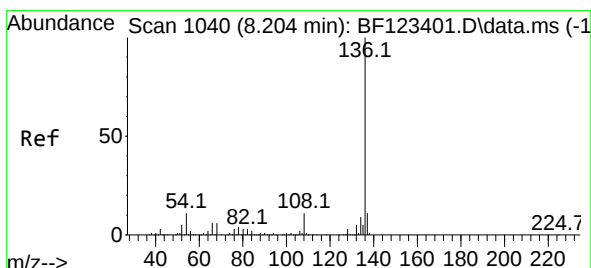
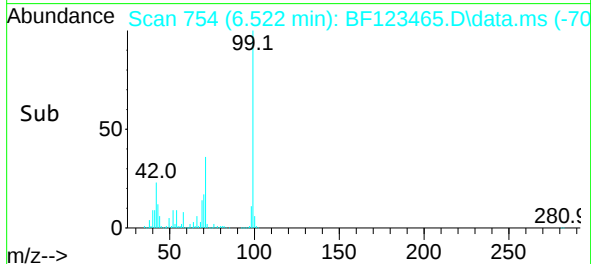
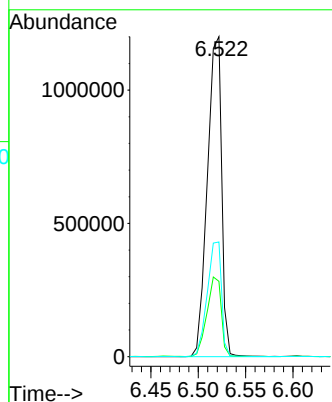
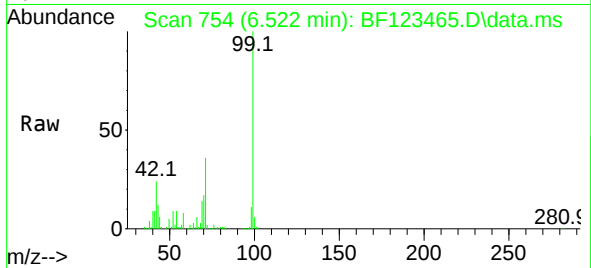




#7
Phenol-d6
Concen: 78.26 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

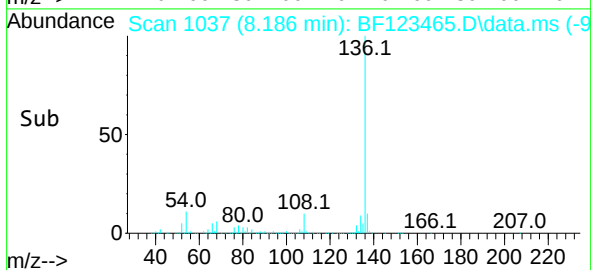
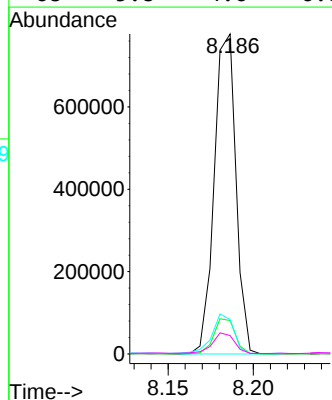
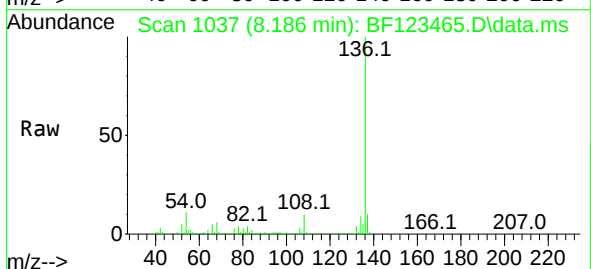
Instrument :
BNA_F
ClientSampleId :
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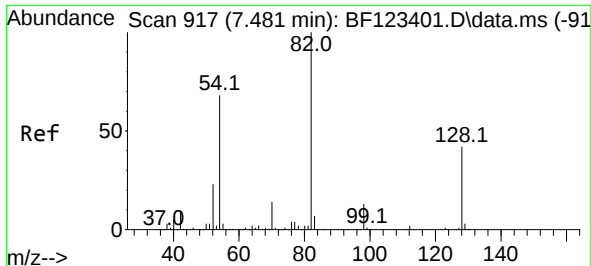
Tgt Ion: 99 Resp: 1257589
Ion Ratio Lower Upper
99 100
42 23.5 13.8 20.6#
71 35.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion: 136 Resp: 689192
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.8 5.5 8.3#
68 5.8 4.6 6.8

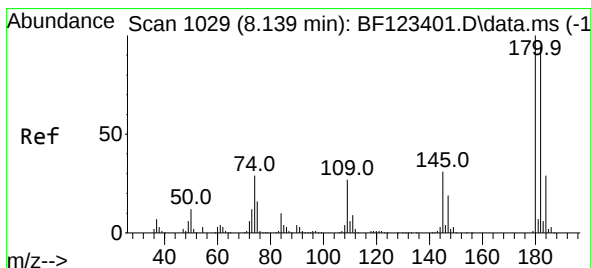
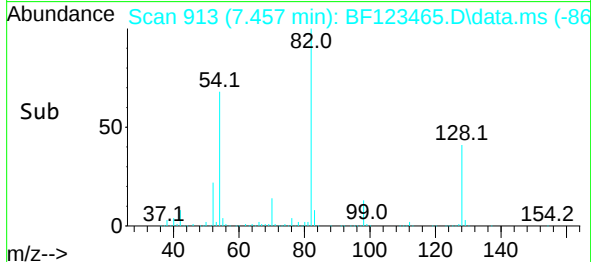
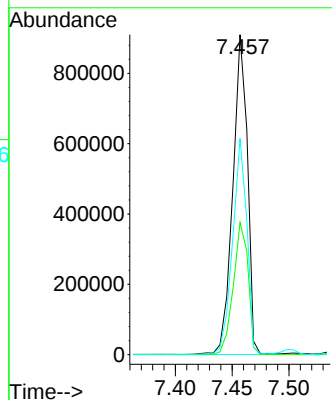
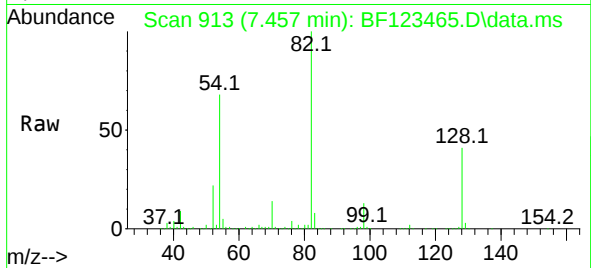




#23
Nitrobenzene-d5
Concen: 63.60 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

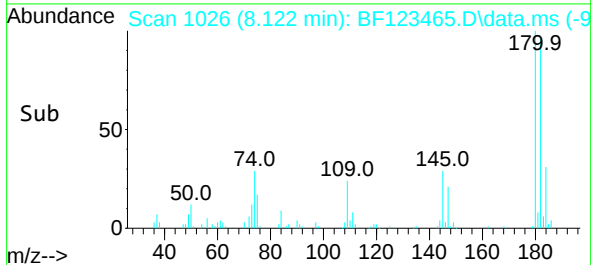
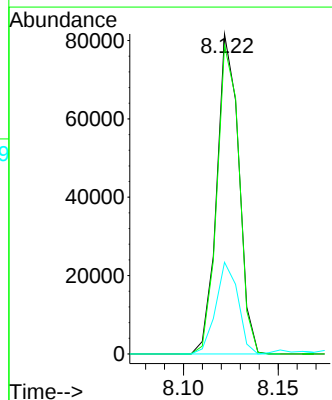
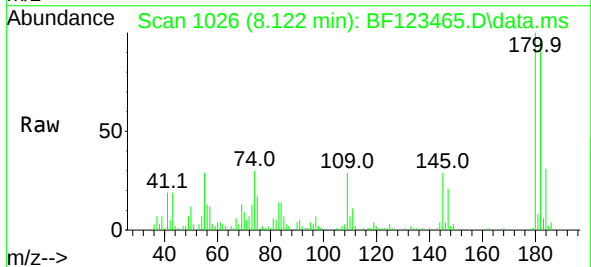
Instrument :
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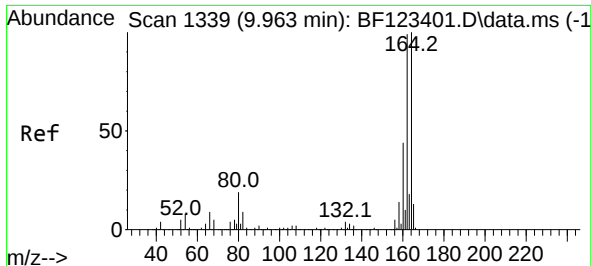
Tgt Ion: 82 Resp: 812123
Ion Ratio Lower Upper
82 100
128 41.3 37.0 55.4
54 67.6 38.4 57.6#



#30
1,2,4-Trichlorobenzene
Concen: 5.49 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:180 Resp: 65996
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 28.6 25.0 37.4

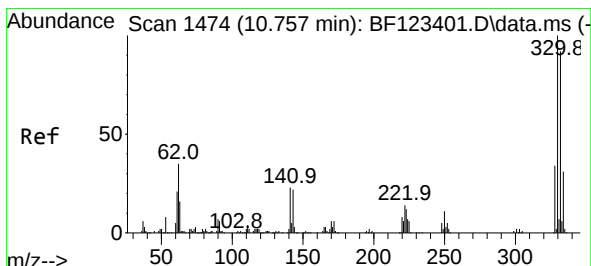
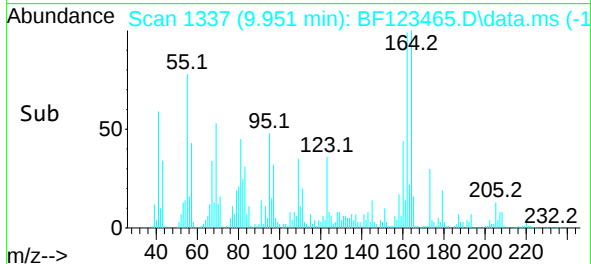
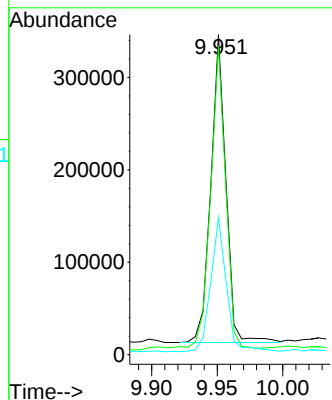
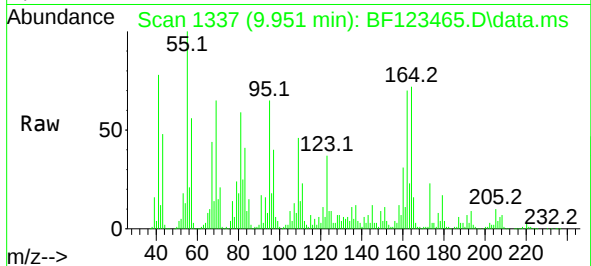




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

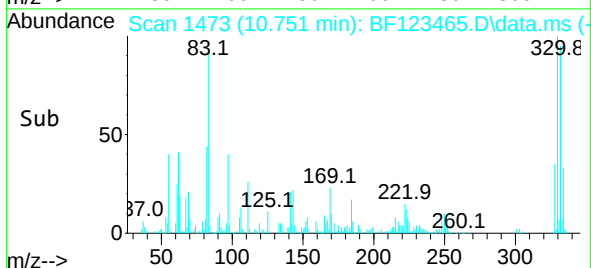
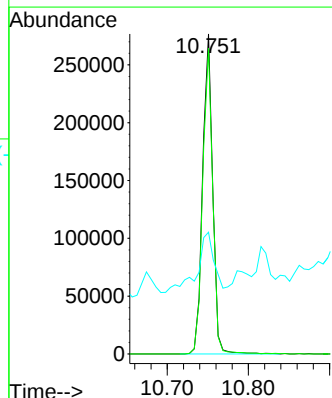
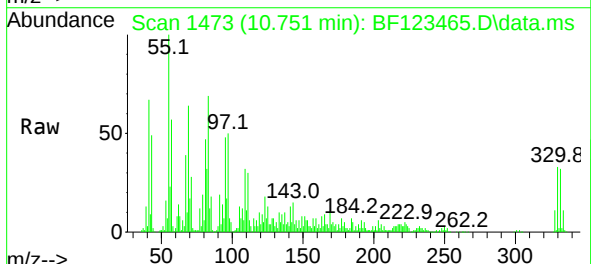
Instrument :
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ClientSampled :
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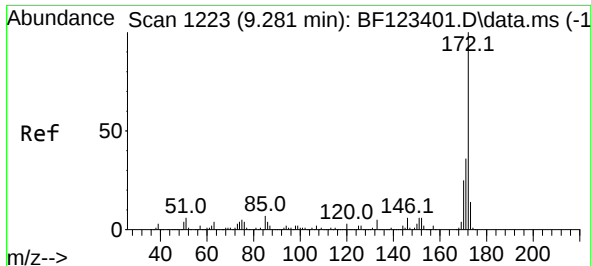
Tgt Ion:164 Resp: 266581
Ion Ratio Lower Upper
164 100
162 96.5 80.8 121.2
160 42.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 79.76 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.017 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:330 Resp: 237716
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 31.6 23.8 35.8

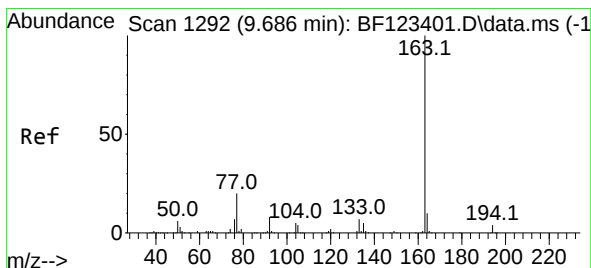
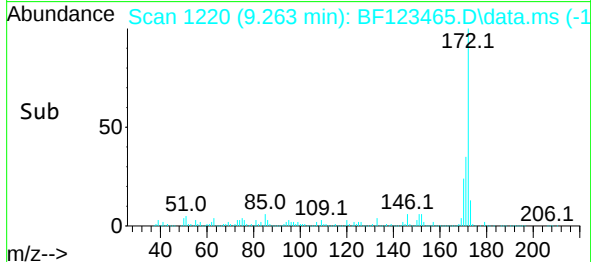
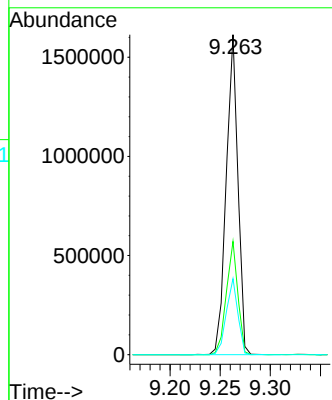
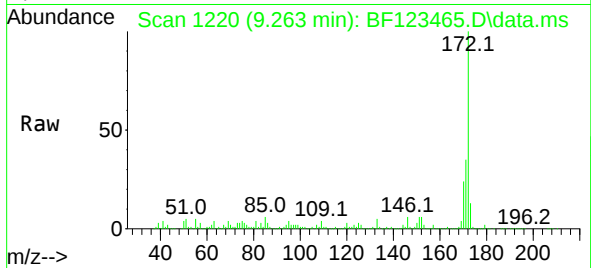




#45
2-Fluorobiphenyl
Concen: 70.08 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

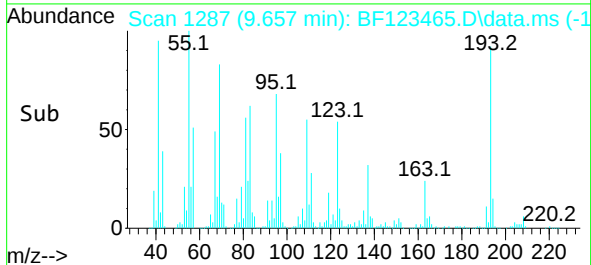
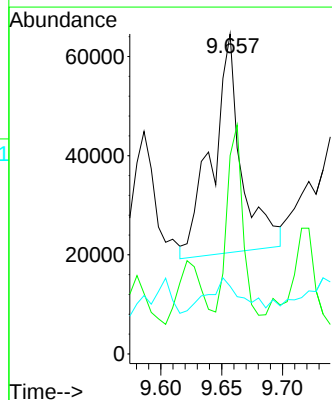
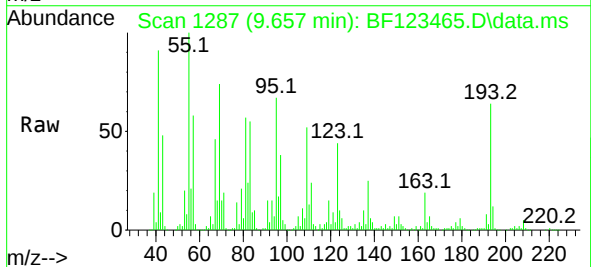
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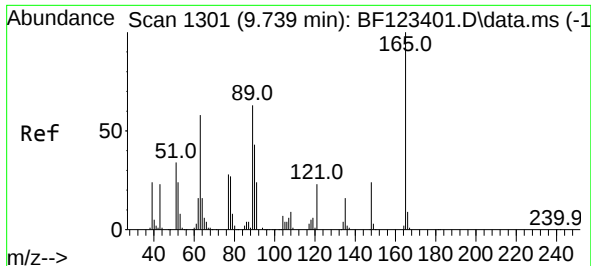
Tgt Ion:172 Resp: 1307685
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.90 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:163 Resp: 73763
Ion Ratio Lower Upper
163 100
194 62.0 3.4 5.0#
164 21.2 8.1 12.1#

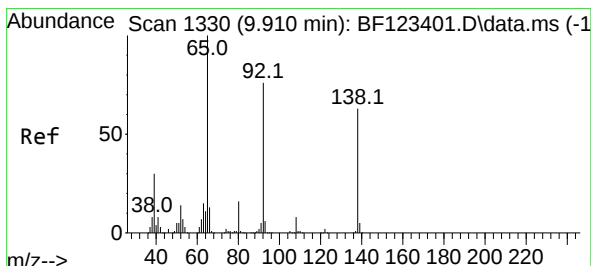
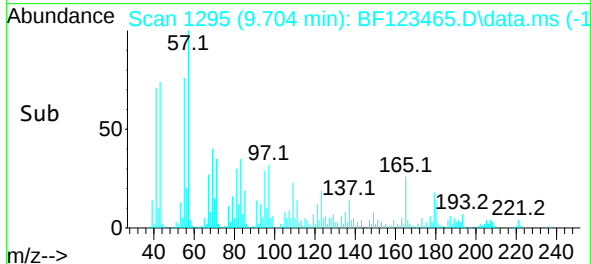
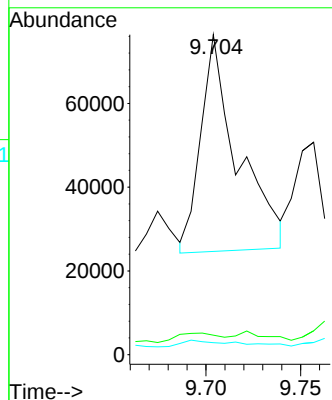
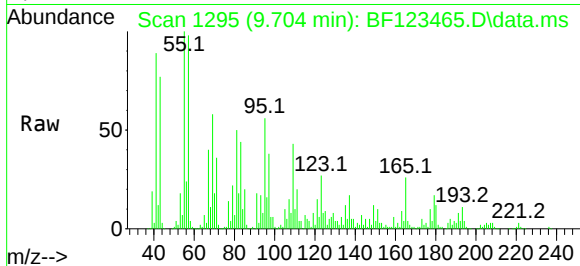




#51
2,6-Dinitrotoluene
Concen: 17.77 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.018 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

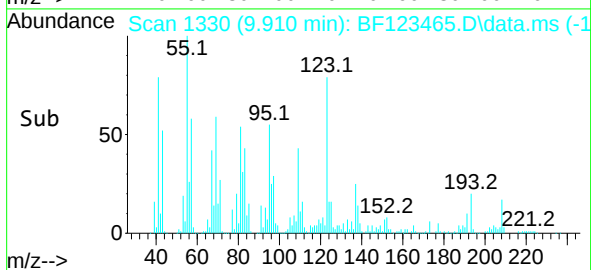
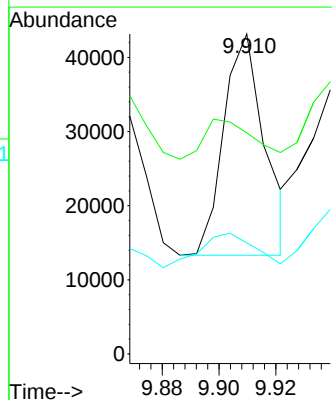
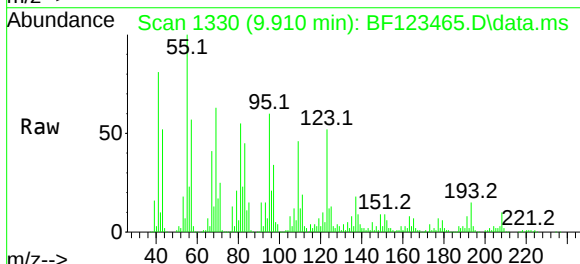
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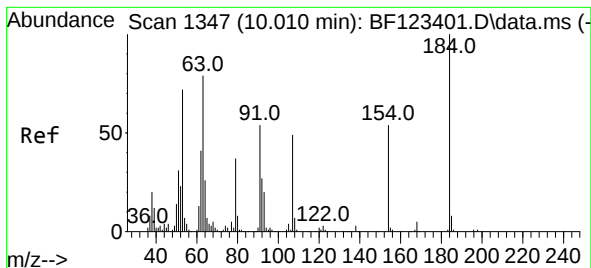
Tgt Ion:165 Resp: 70274
Ion Ratio Lower Upper
165 100
63 6.1 36.6 55.0#
89 3.8 39.4 59.0#



#53
3-Nitroaniline
Concen: 7.15 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.017 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:138 Resp: 29854
Ion Ratio Lower Upper
138 100
108 69.1 8.2 12.2#
92 34.7 85.4 128.2#

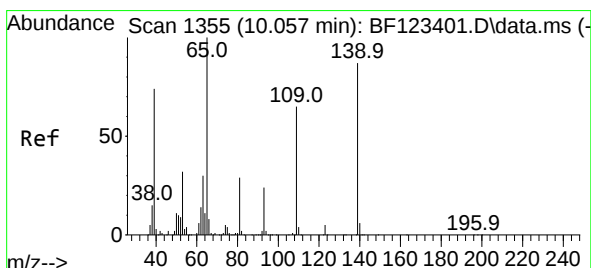
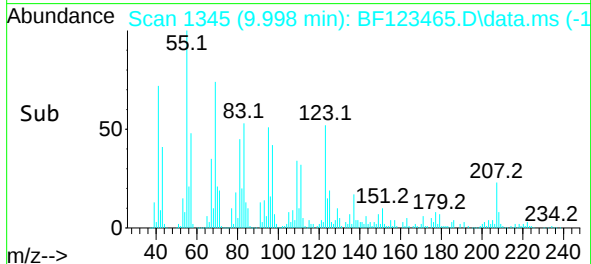
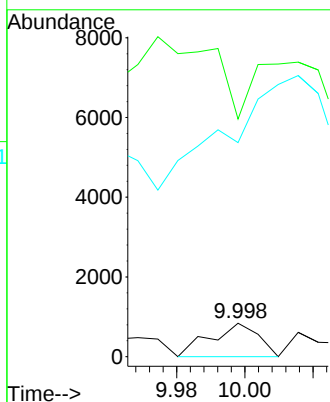
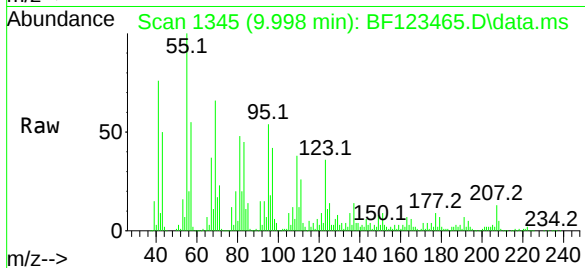




#54
2,4-Dinitrophenol
Concen: 9.03 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

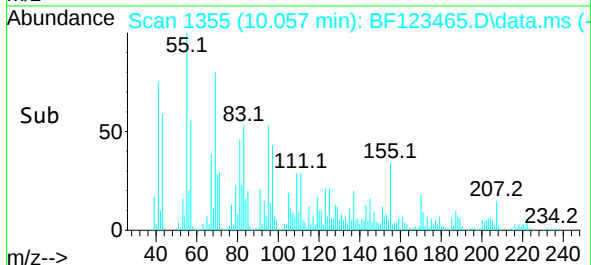
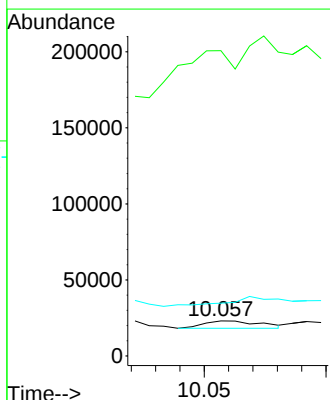
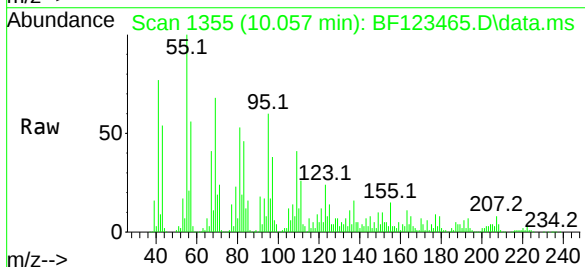
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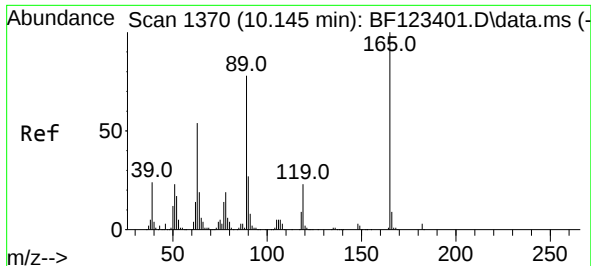
Tgt Ion:184 Resp: 819
Ion Ratio Lower Upper
184 100
63 710.6 51.4 77.2#
154 640.2 49.7 74.5#



#56
4-Nitrophenol
Concen: 2.34 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:139 Resp: 7879
Ion Ratio Lower Upper
139 100
109 871.7 45.1 85.1#
65 150.9 59.2 99.2#

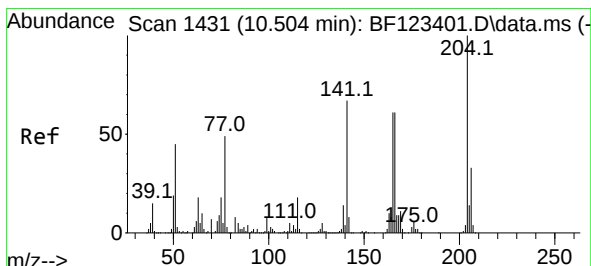
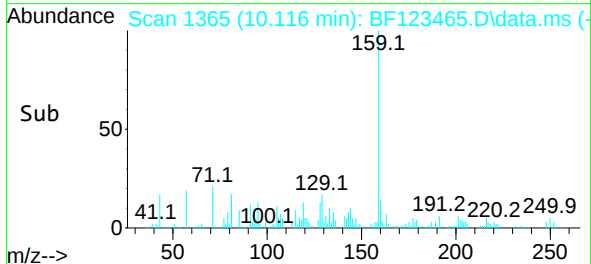
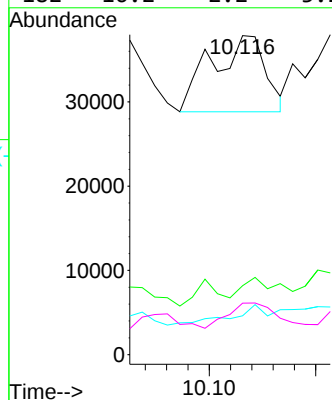
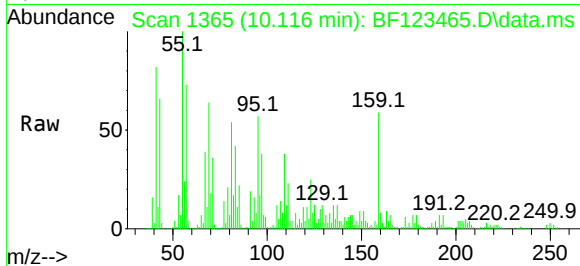




#57
2,4-Dinitrotoluene
Concen: 3.22 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

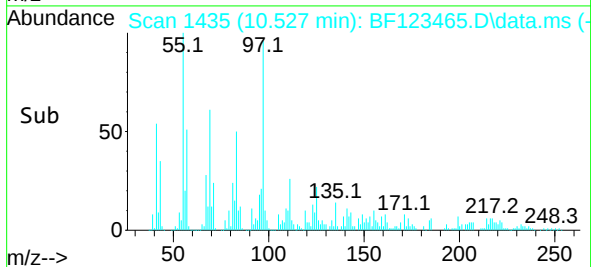
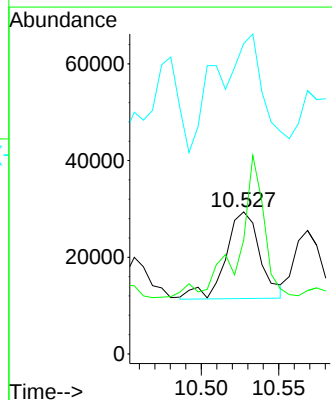
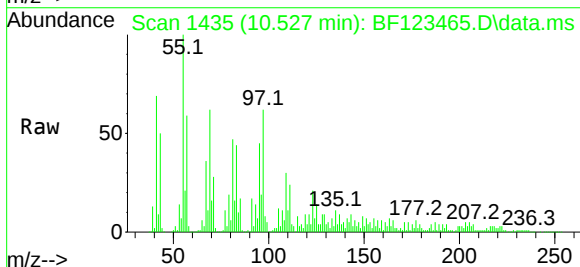
Instrument :
BNA_F
ClientSampleId :
244RE

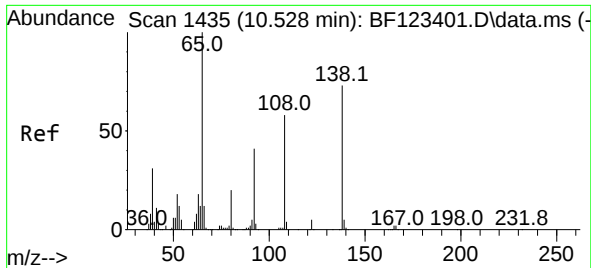
Tgt Ion:	165	Resp:	15893
Ion Ratio	Lower	Upper	
165	100		
63	21.6	34.3	51.5#
89	12.2	55.2	82.8#
182	16.2	2.2	3.2#



#61
4-Chlorophenyl-phenylether
Concen: 3.19 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.041 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:	204	Resp:	27682
Ion Ratio	Lower	Upper	
204	100		
206	80.2	27.0	40.4#
141	218.6	50.4	75.6#

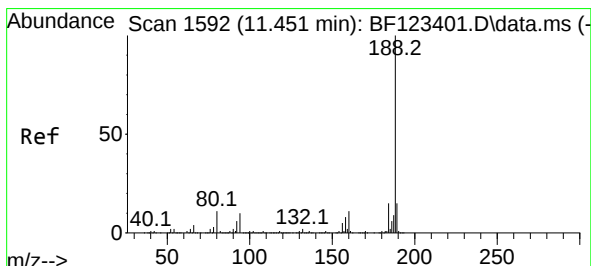
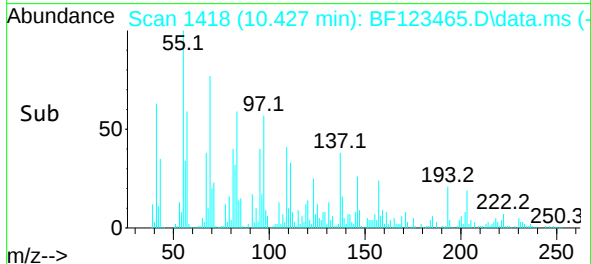
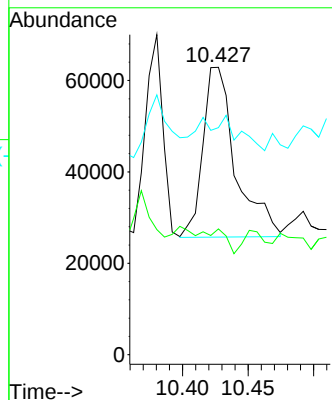
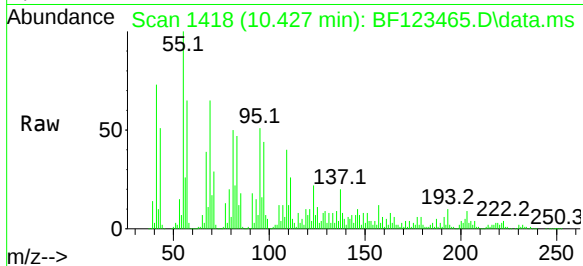




#62
4-Nitroaniline
Concen: 16.36 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.083 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

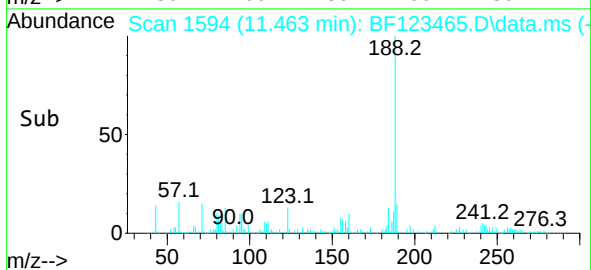
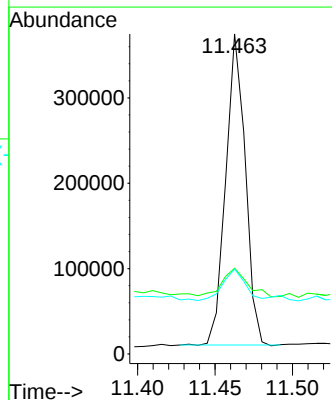
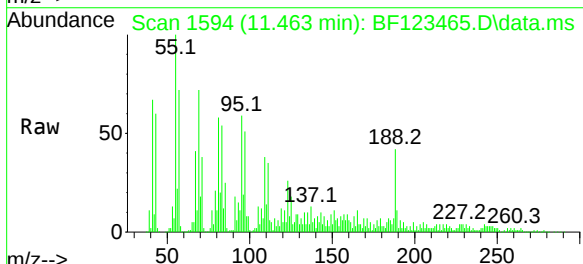
Instrument :
BNA_F
ClientSampled :
244RE

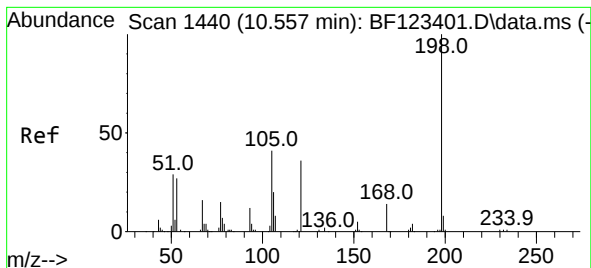
Tgt Ion:138 Resp: 64742
Ion Ratio Lower Upper
138 100
92 43.8 31.0 71.0
108 79.0 54.8 94.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.029 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:188 Resp: 318879
Ion Ratio Lower Upper
188 100
94 26.8 7.4 11.2#
80 26.5 8.2 12.4#

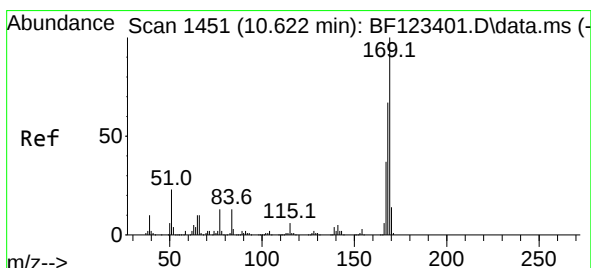
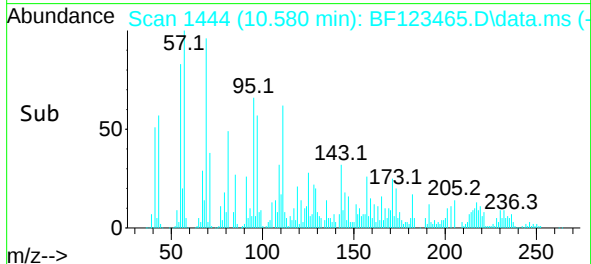
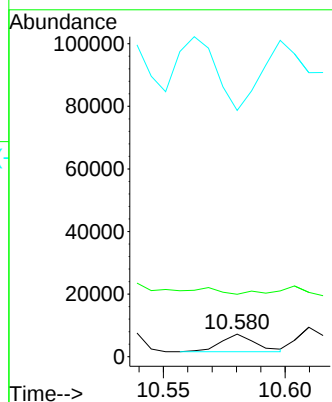
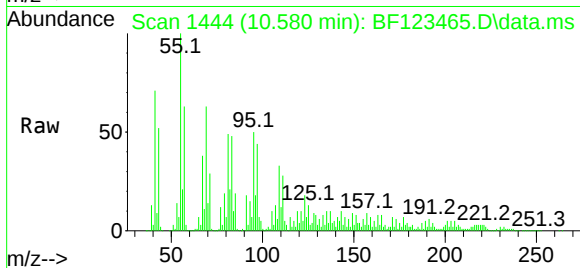




#65
4,6-Dinitro-2-methylphenol
Concen: 8.00 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.047 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

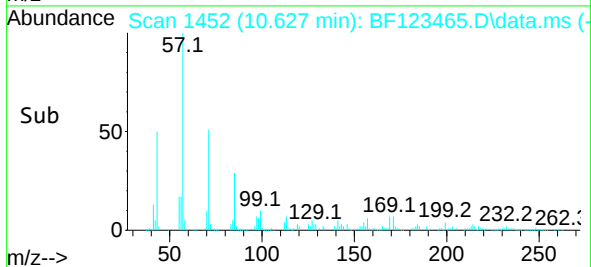
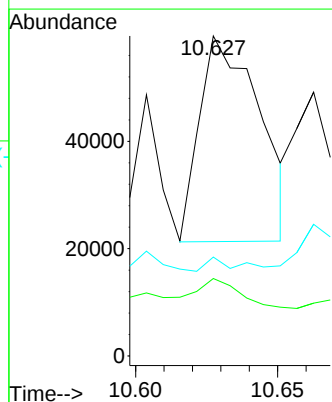
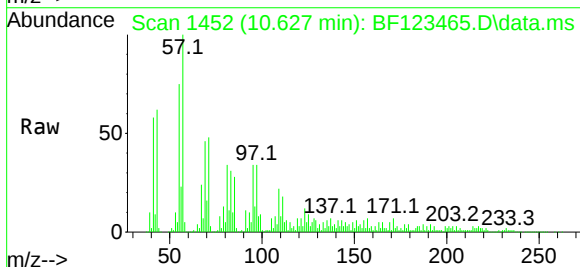
Instrument :
BNA_F
ClientSampleId :
244RE

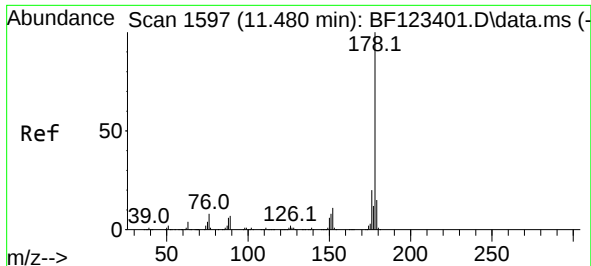
Tgt Ion:198 Resp: 5530
Ion Ratio Lower Upper
198 100
51 276.3 20.3 60.3#
105 1090.8 23.0 63.0#



#66
n-Nitrosodiphenylamine
Concen: 5.28 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.023 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:169 Resp: 56396
Ion Ratio Lower Upper
169 100
168 24.2 54.2 81.2#
167 30.9 29.2 43.8

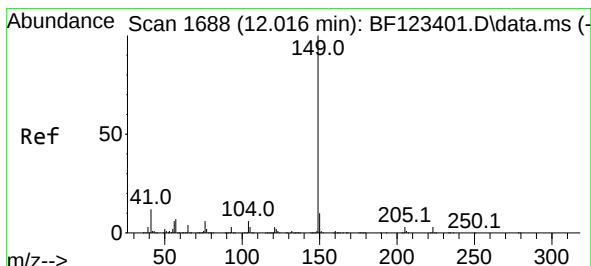
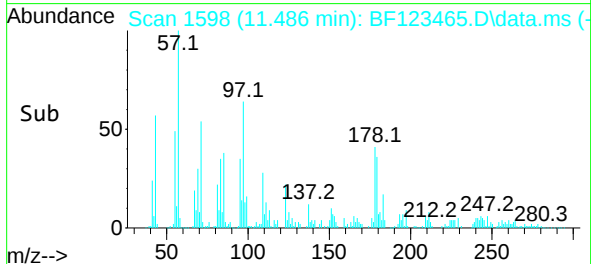
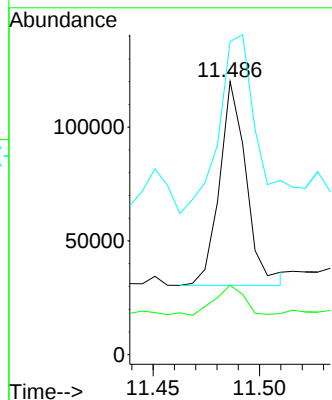
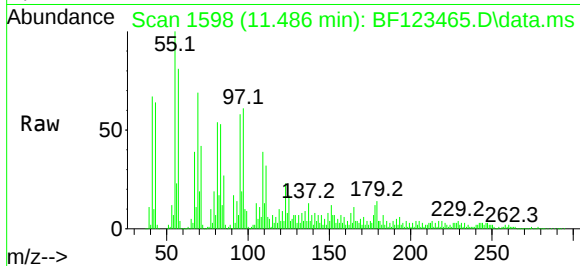




#71
Phenanthrene
Concen: 4.45 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.023 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

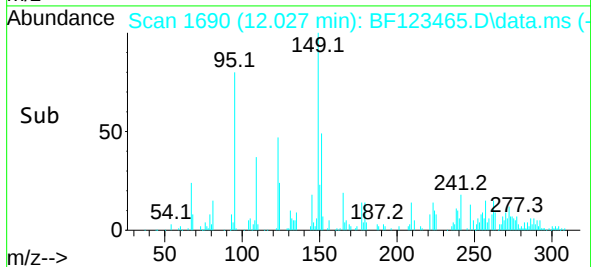
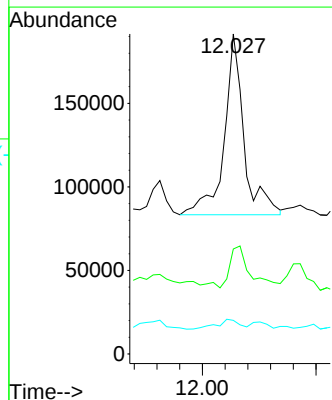
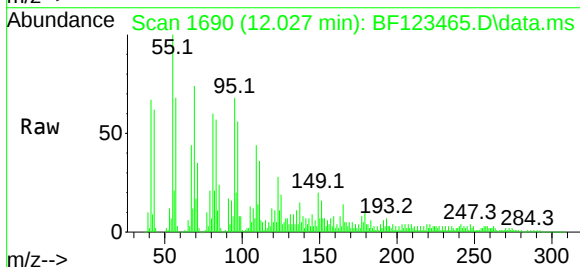
Instrument :
BNA_F
ClientSampled :
244RE

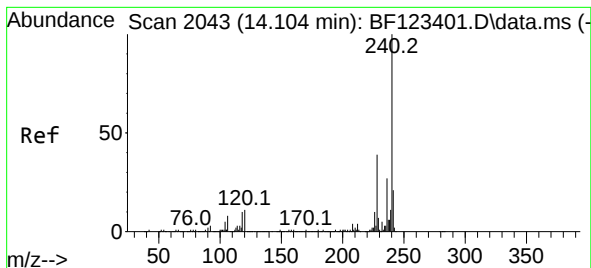
Tgt Ion:178 Resp: 78448
Ion Ratio Lower Upper
178 100
176 25.5 16.2 24.2#
179 114.7 12.7 19.1#



#74
Di-n-butylphthalate
Concen: 6.84 ng
RT: 12.027 min Scan# 1690
Delta R.T. 0.029 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:149 Resp: 130512
Ion Ratio Lower Upper
149 100
150 32.8 7.8 11.6#
104 10.5 4.2 6.4#

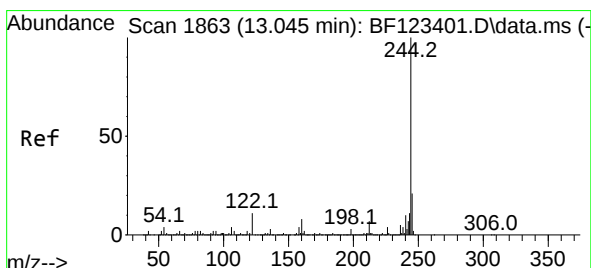
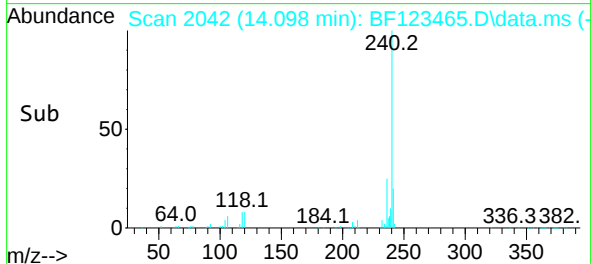
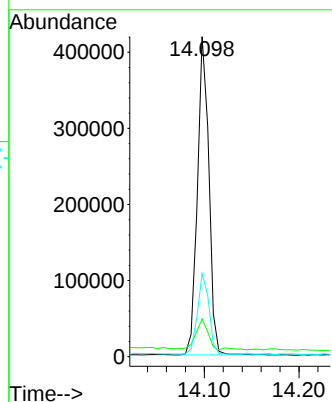
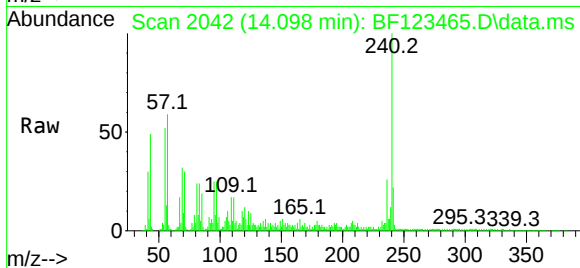




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.017 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

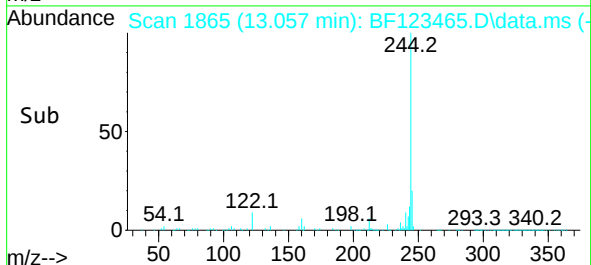
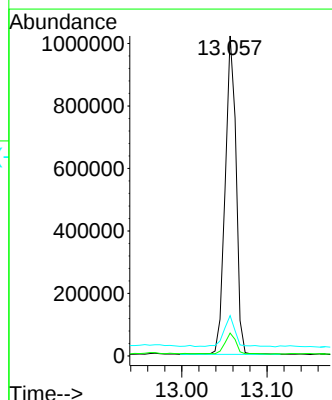
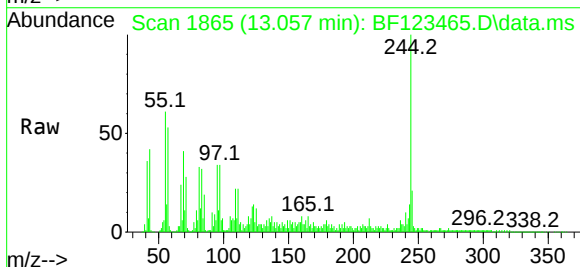
Instrument :
BNA_F
ClientSampleId :
244RE

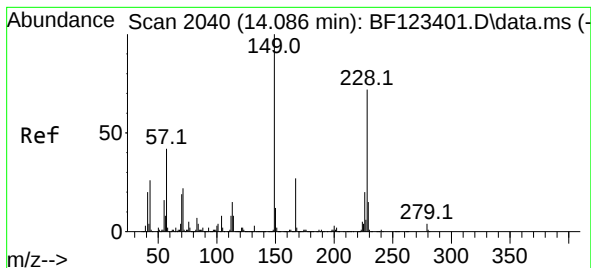
Tgt Ion:240 Resp: 352612
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 43.29 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.035 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:244 Resp: 900691
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 12.6 8.3 12.5#

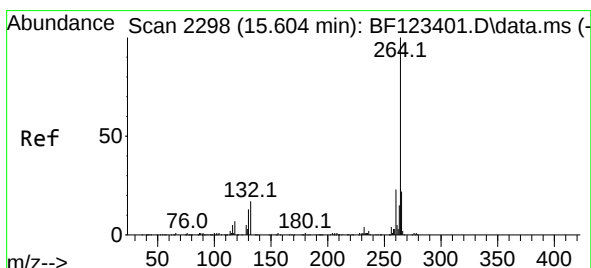
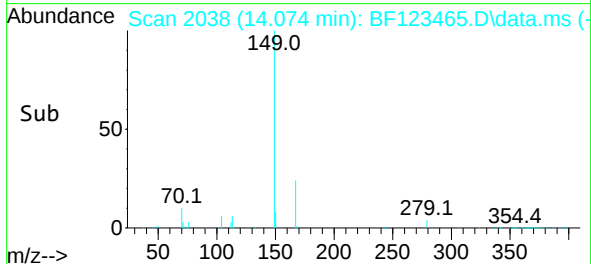
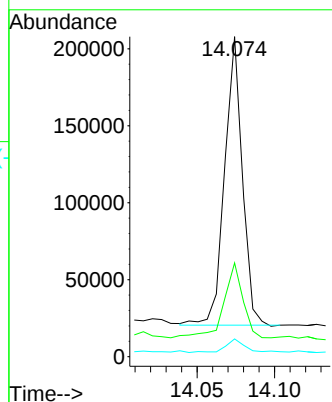
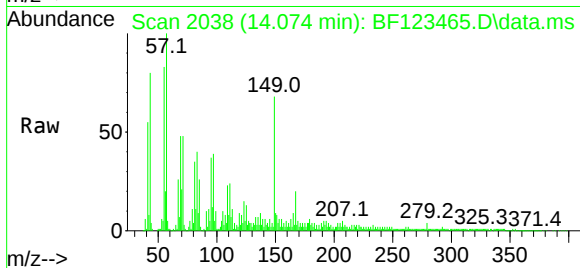




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.01 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Instrument :
BNA_F
ClientSampled :
244RE

Tgt Ion:149 Resp: 148688
Ion Ratio Lower Upper
149 100
167 29.3 21.4 32.2
279 5.6 3.4 5.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:264 Resp: 427518
Ion Ratio Lower Upper
264 100
260 21.9 18.6 28.0
265 22.2 17.0 25.6

