

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124779.D
 Acq On : 26 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3148-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2-EXCA-SOIL

Quant Time: Jul 27 04:26:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

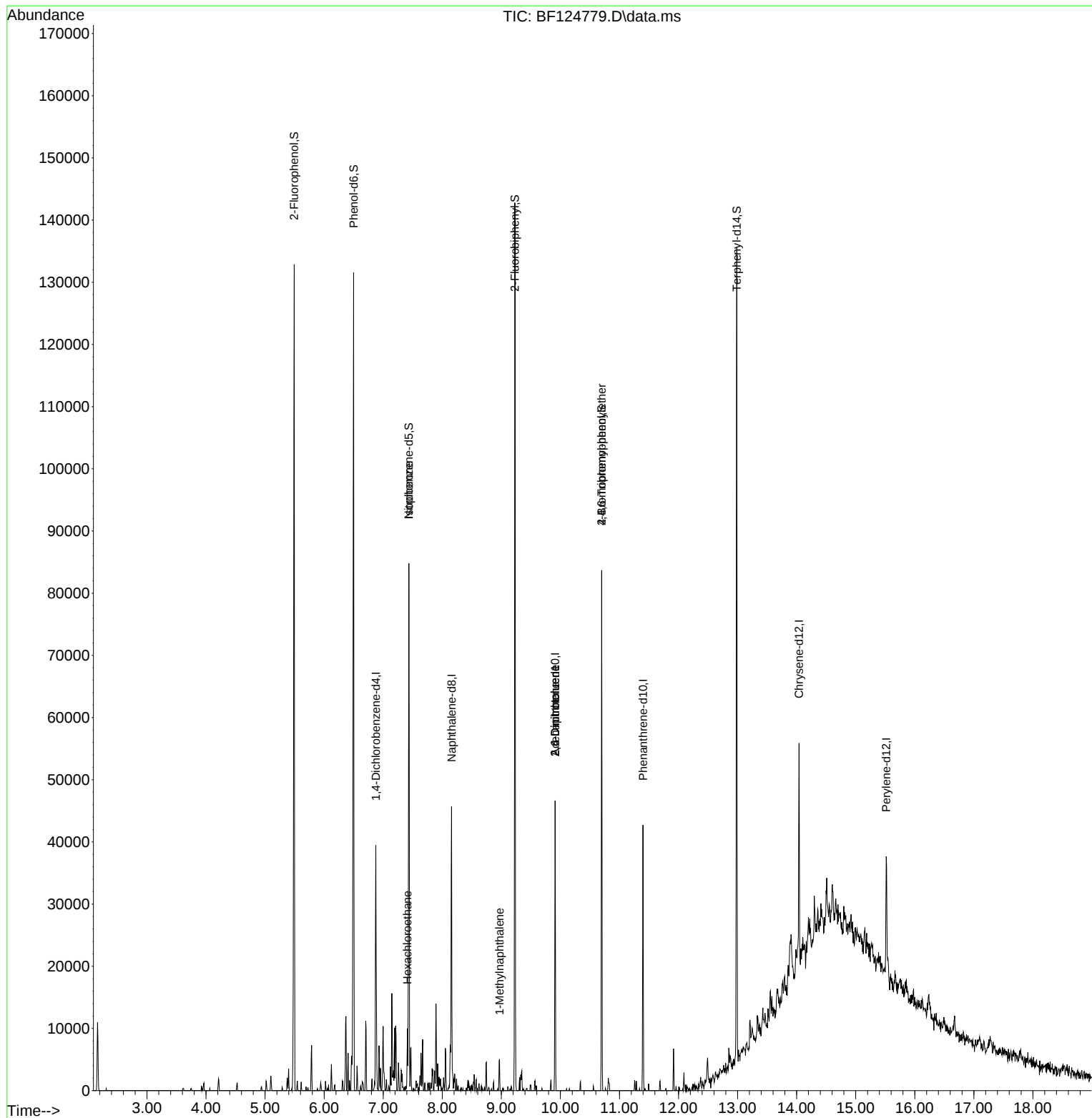
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5184	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	19199	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	9419	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15346	20.000	ng	0.00
76) Chrysene-d12	14.039	240	12722	20.000	ng	0.00
86) Perylene-d12	15.515	264	9367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	33771	110.300	ng	0.01
7) Phenol-d6	6.498	99	38604	100.575	ng	0.00
23) Nitrobenzene-d5	7.434	82	24071	74.621	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7360	91.009	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	44728	69.746	ng	0.00
79) Terphenyl-d14	12.986	244	40808	54.984	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.410	117	597	4.195	ng	# 1
25) Isophorone	7.434	82	24071	42.201	ng	# 59
38) 1-Methylnaphthalene	8.969	142	1844	2.908	ng	# 88
51) 2,6-Dinitrotoluene	9.910	165	1120	7.817	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1120	5.760	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	621	3.816	ng	# 1

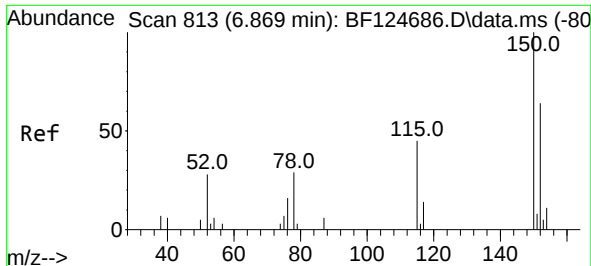
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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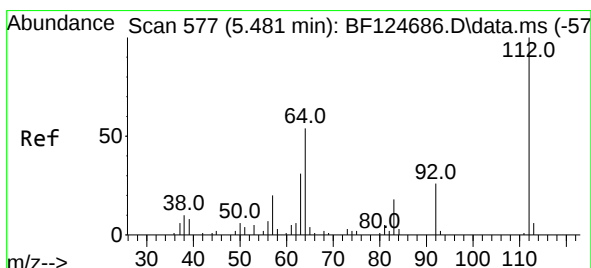
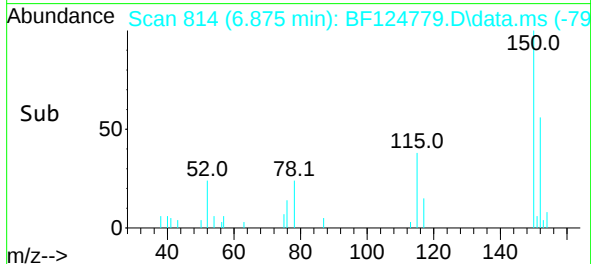
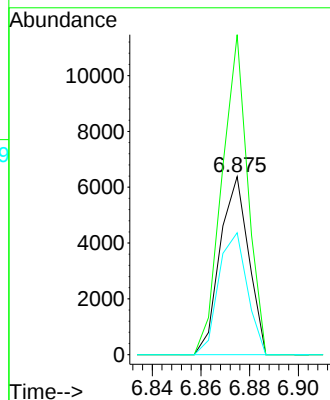
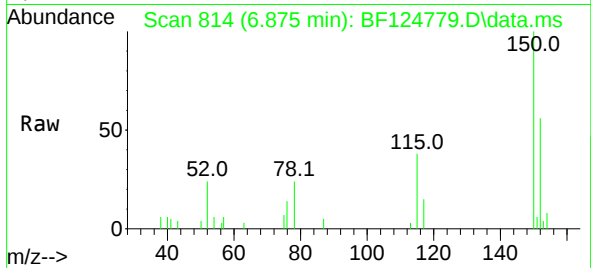




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

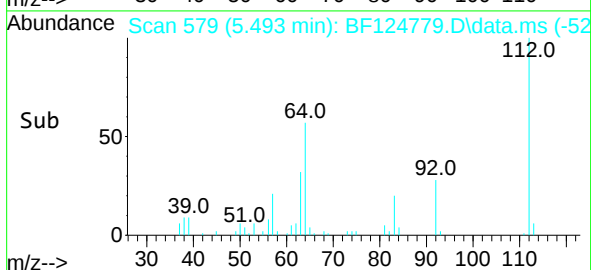
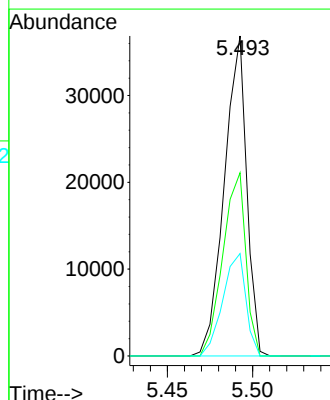
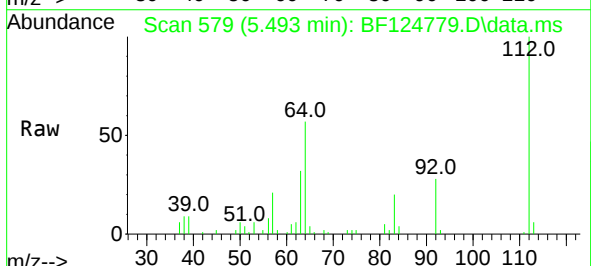
Instrument :
BNA_F
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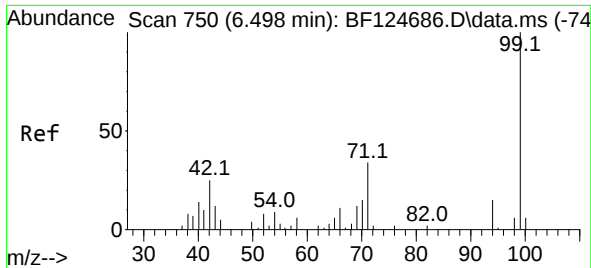
Tgt Ion:152 Resp: 5184
Ion Ratio Lower Upper
152 100
150 179.7 117.6 176.4#
115 68.4 47.1 70.7



#5
2-Fluorophenol
Concen: 110.300 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:112 Resp: 33771
Ion Ratio Lower Upper
112 100
64 57.2 44.2 66.2
63 32.0 26.2 39.2

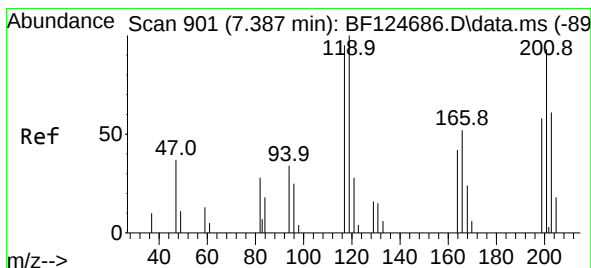
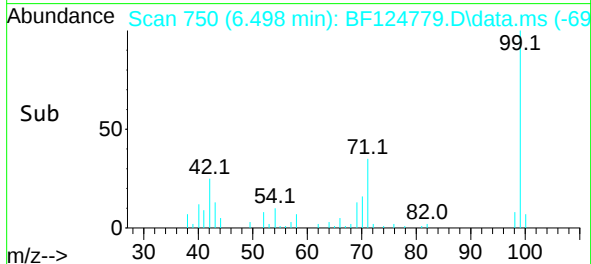
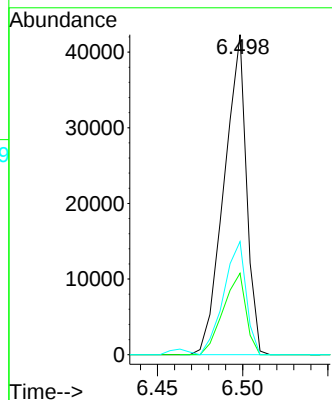
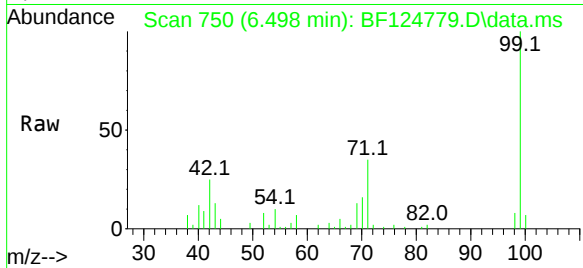




#7
Phenol-d6
Concen: 100.575 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

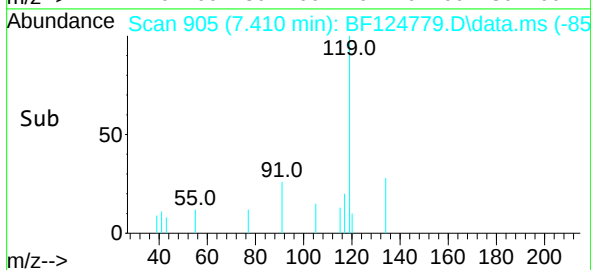
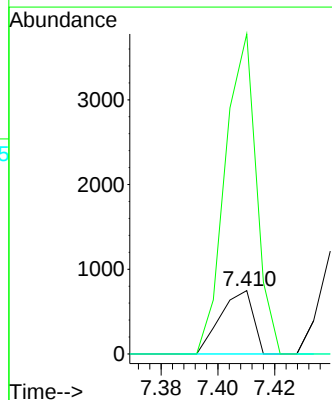
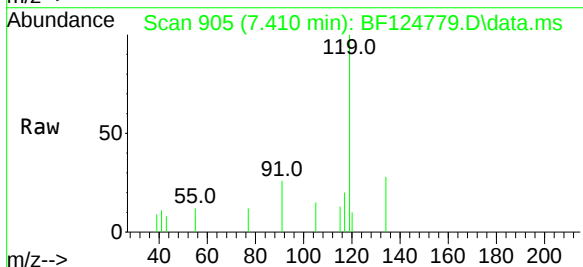
Instrument :
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ClientSampleId :
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Tgt Ion:	99	Resp:	38604
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	35.3	25.6	38.4



#18
Hexachloroethane
Concen: 4.195 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.024 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:	117	Resp:	597
Ion	Ratio	Lower	Upper
117	100		
119	504.9	73.4	110.2#
201	0.0	64.9	97.3#

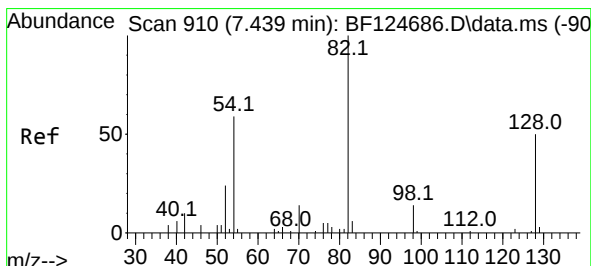
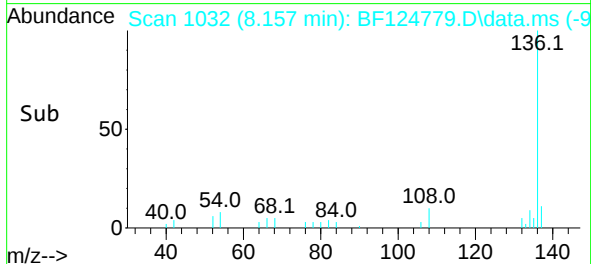
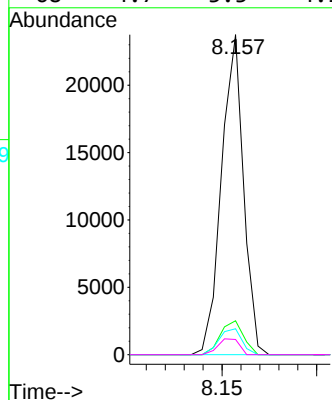
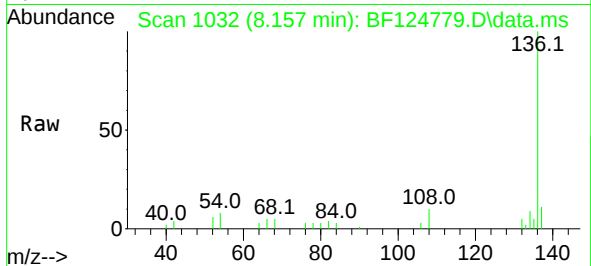




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

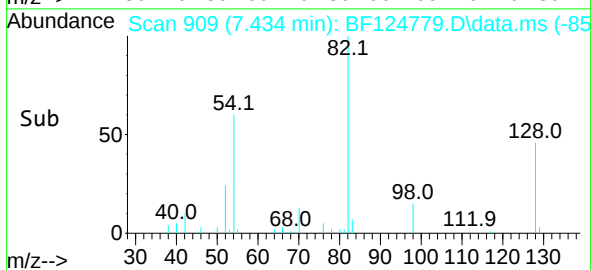
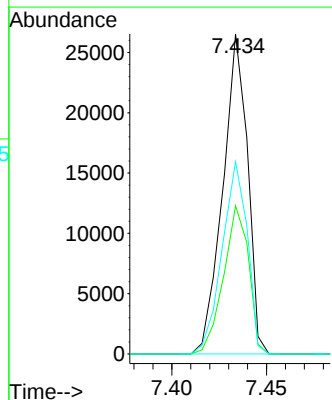
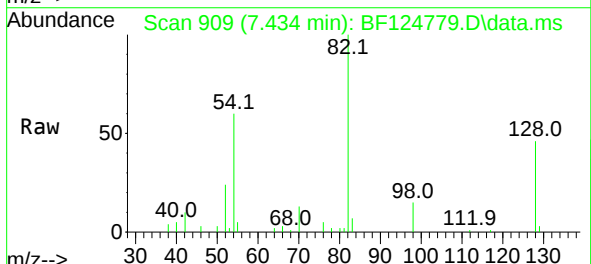
Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL

Tgt Ion:	136	Resp:	19199
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	8.1	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 74.621 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:	82	Resp:	24071
Ion Ratio	Lower	Upper	
82	100		
128	46.3	40.6	60.8
54	60.1	49.6	74.4

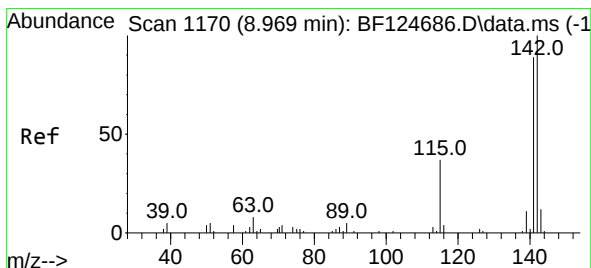
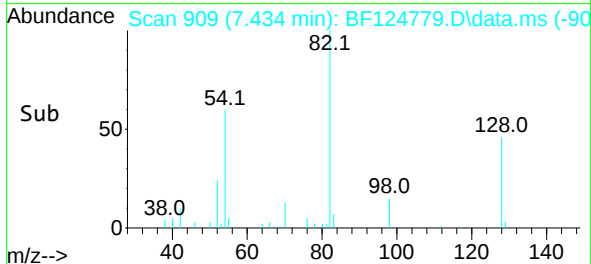
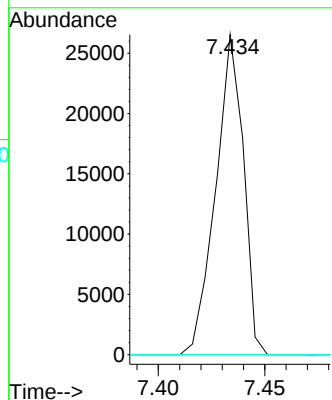
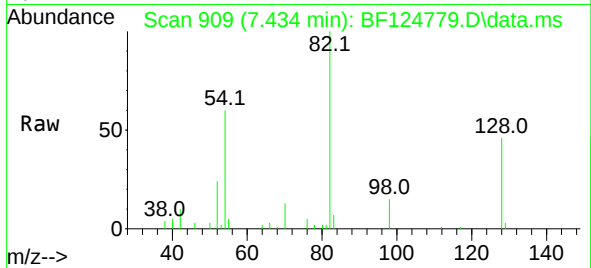




#25
Isophorone
Concen: 42.201 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

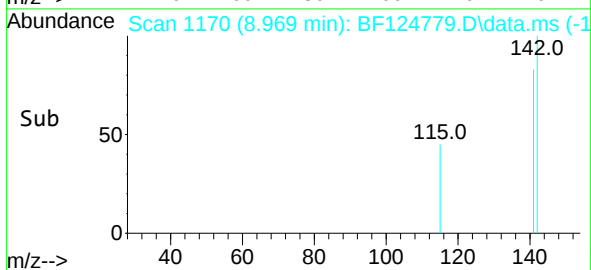
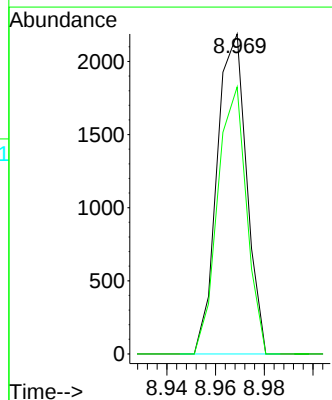
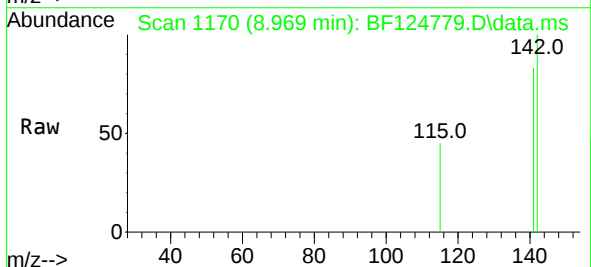
Instrument :
BNA_F
ClientSampleId :
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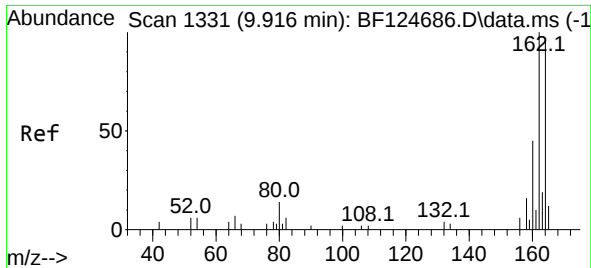
Tgt Ion: 82 Resp: 24071
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#38
1-Methylnaphthalene
Concen: 2.908 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion: 142 Resp: 1844
Ion Ratio Lower Upper
142 100
141 83.5 76.0 114.0

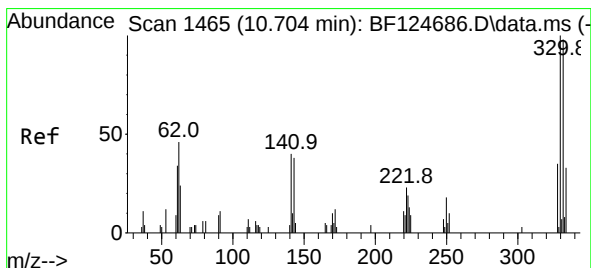
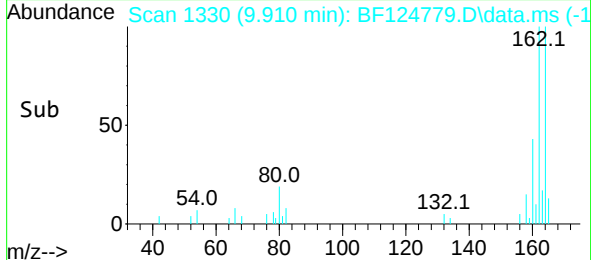
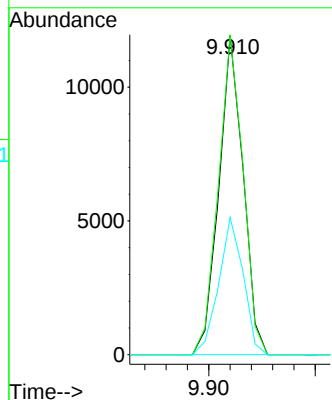
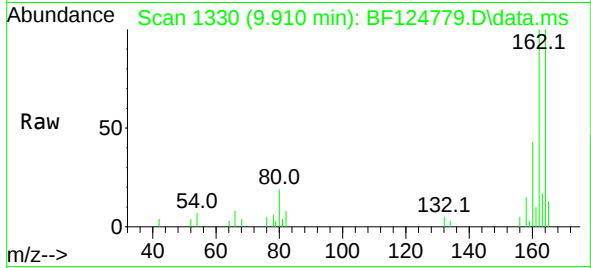




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

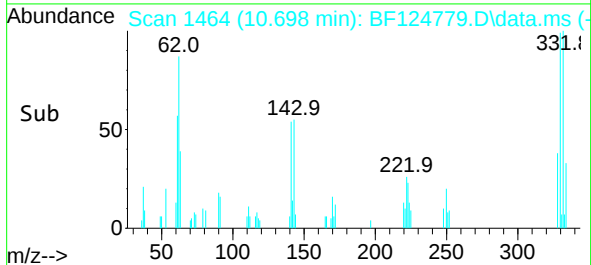
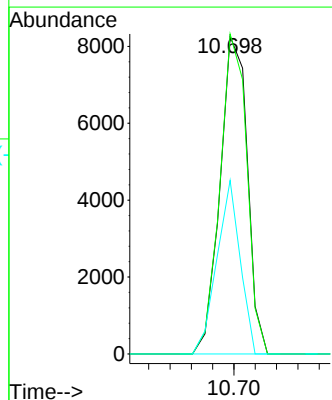
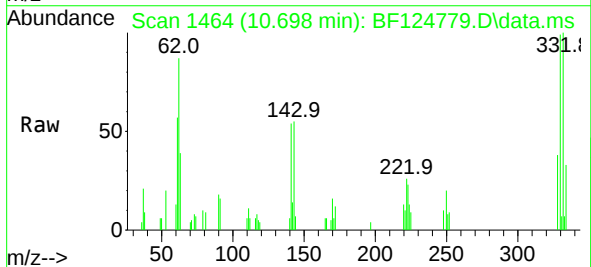
Instrument :
BNA_F
ClientSampleId :
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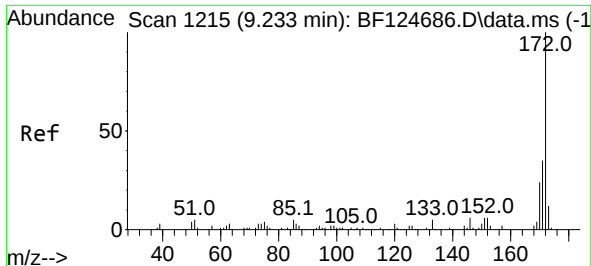
Tgt Ion:164 Resp: 9419
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 91.009 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:330 Resp: 7360
Ion Ratio Lower Upper
330 100
332 99.1 76.2 114.4
141 46.4 44.6 66.8

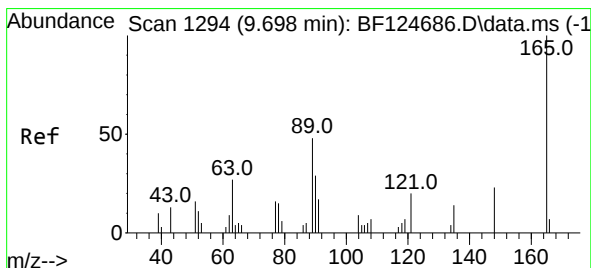
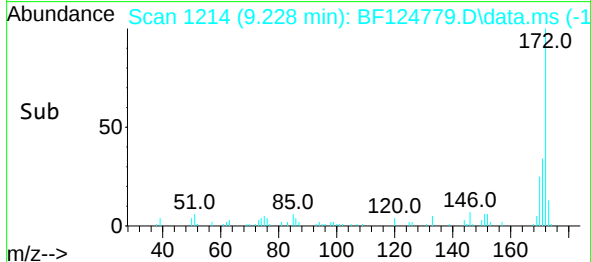
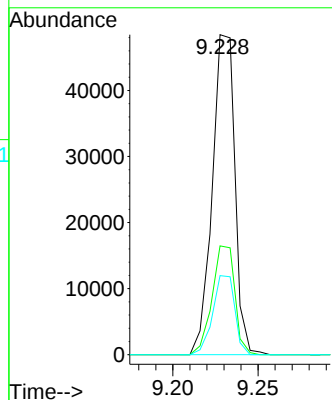
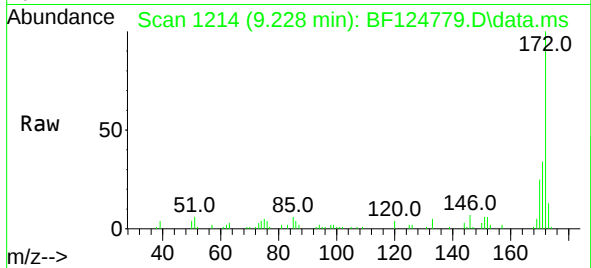




#45
2-Fluorobiphenyl
Concen: 69.746 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

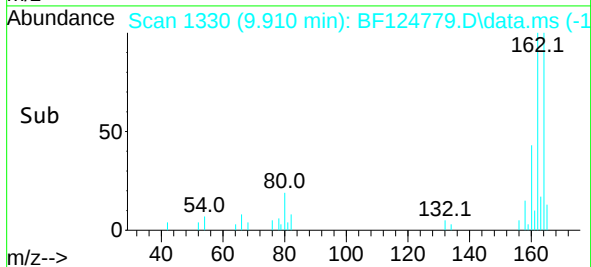
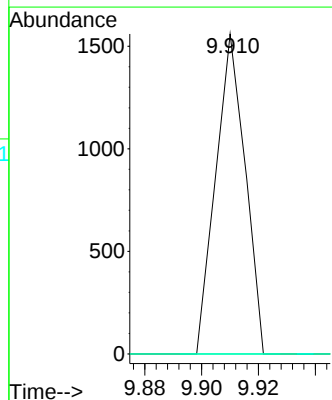
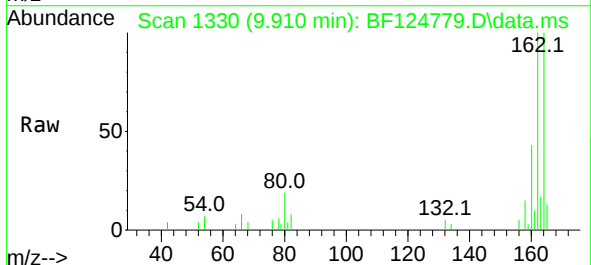
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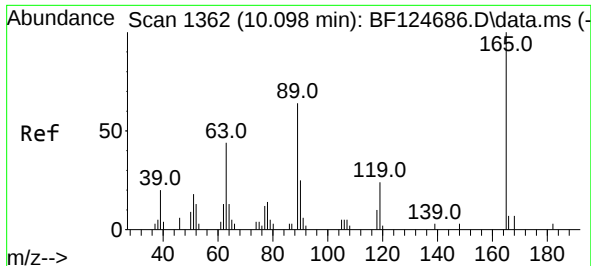
Tgt Ion:172 Resp: 44728
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 24.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.817 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:165 Resp: 1120
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

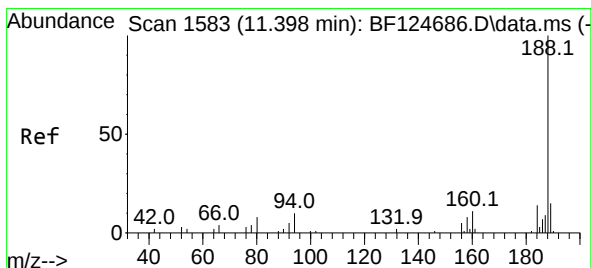
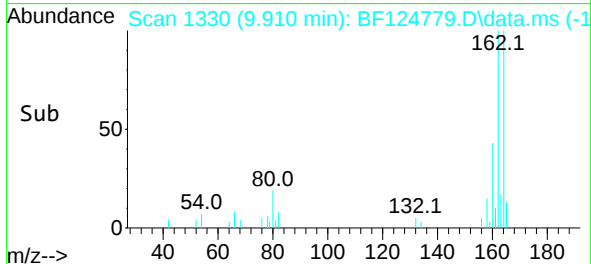
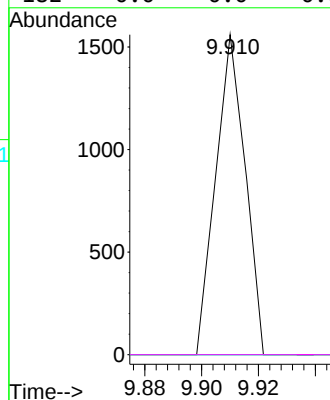
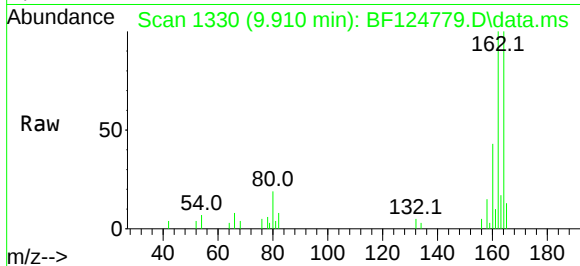




#57
2,4-Dinitrotoluene
Concen: 5.760 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

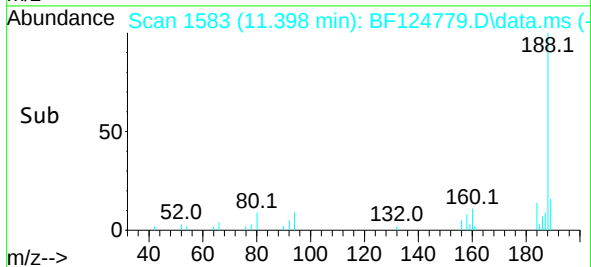
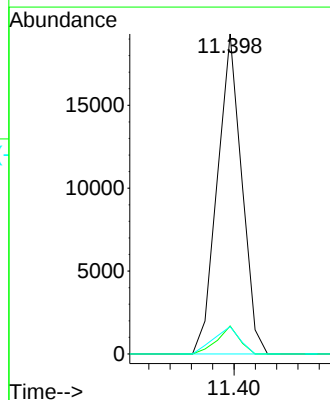
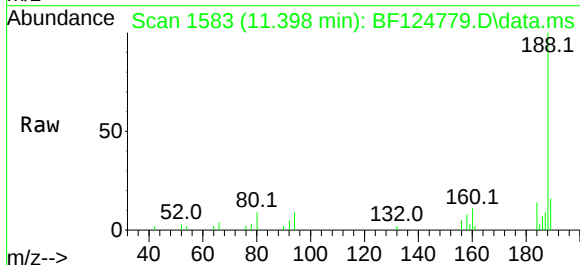
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ClientSampleId :
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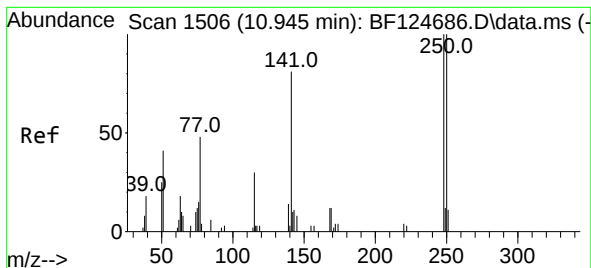
Tgt Ion:165	Resp:	1120
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:188	Resp:	15346
Ion Ratio	Lower	Upper
188	100	
94	8.8	6.7 10.1
80	8.5	7.5 11.3

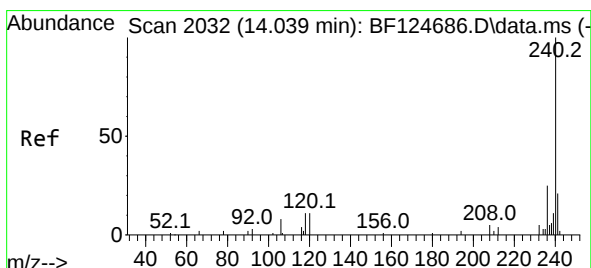
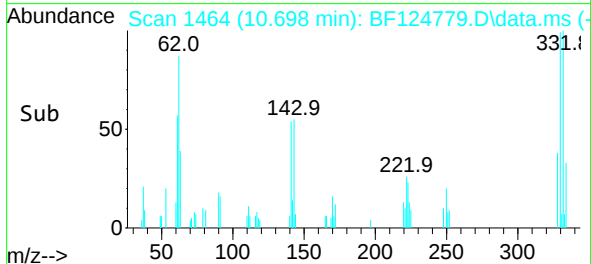
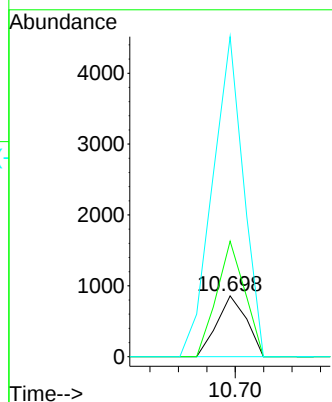
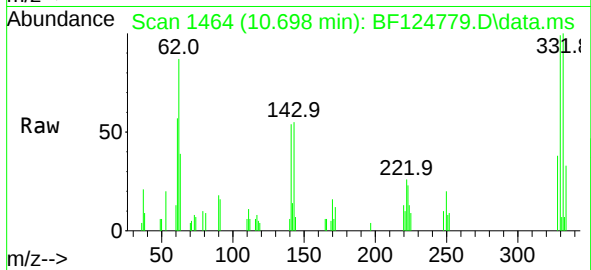




#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

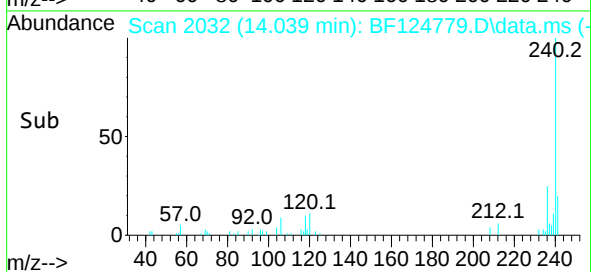
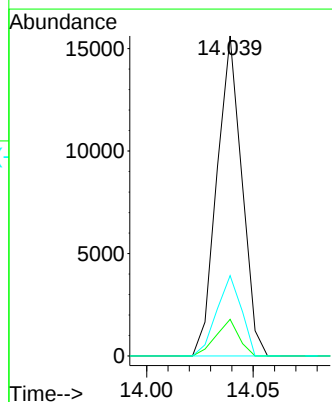
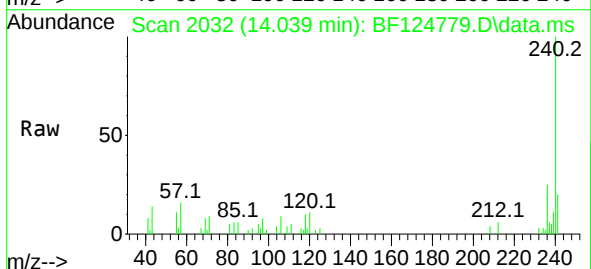
Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL

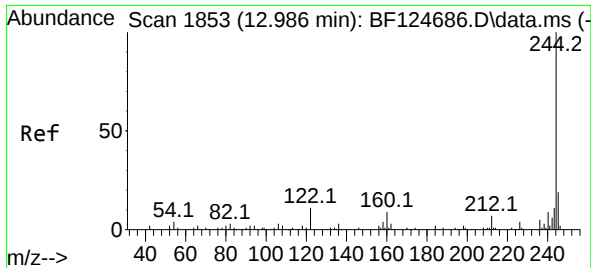
Tgt Ion:248 Resp: 621
Ion Ratio Lower Upper
248 100
250 190.0 74.2 111.4#
141 526.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

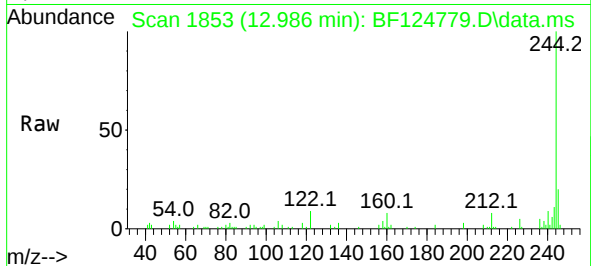
Tgt Ion:240 Resp: 12722
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4



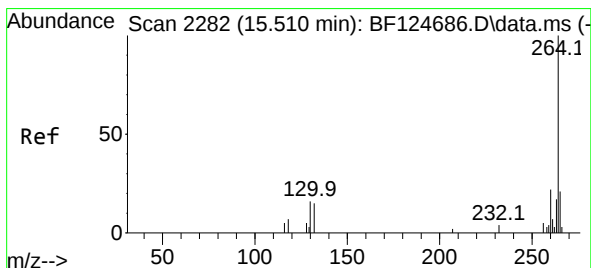
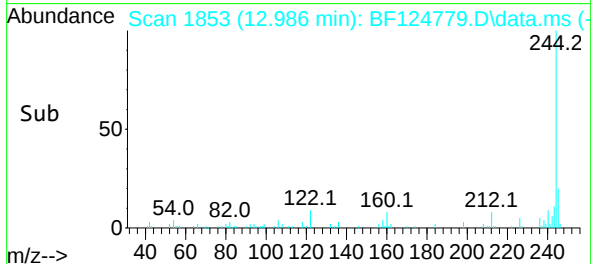
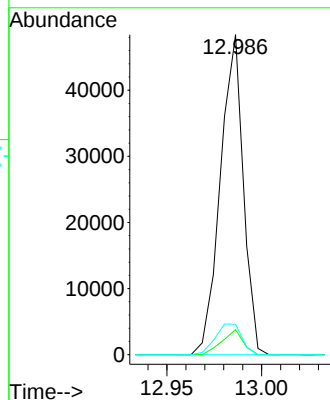


#79
Terphenyl-d14
Concen: 54.984 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL



Tgt Ion:244 Resp: 40808
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:264 Resp: 9367
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 24.0 17.2 25.8

