

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124780.D
 Acq On : 26 Jul 2021 23:47
 Operator : JU/CG
 Sample : M3148-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 27 04:27:08 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)

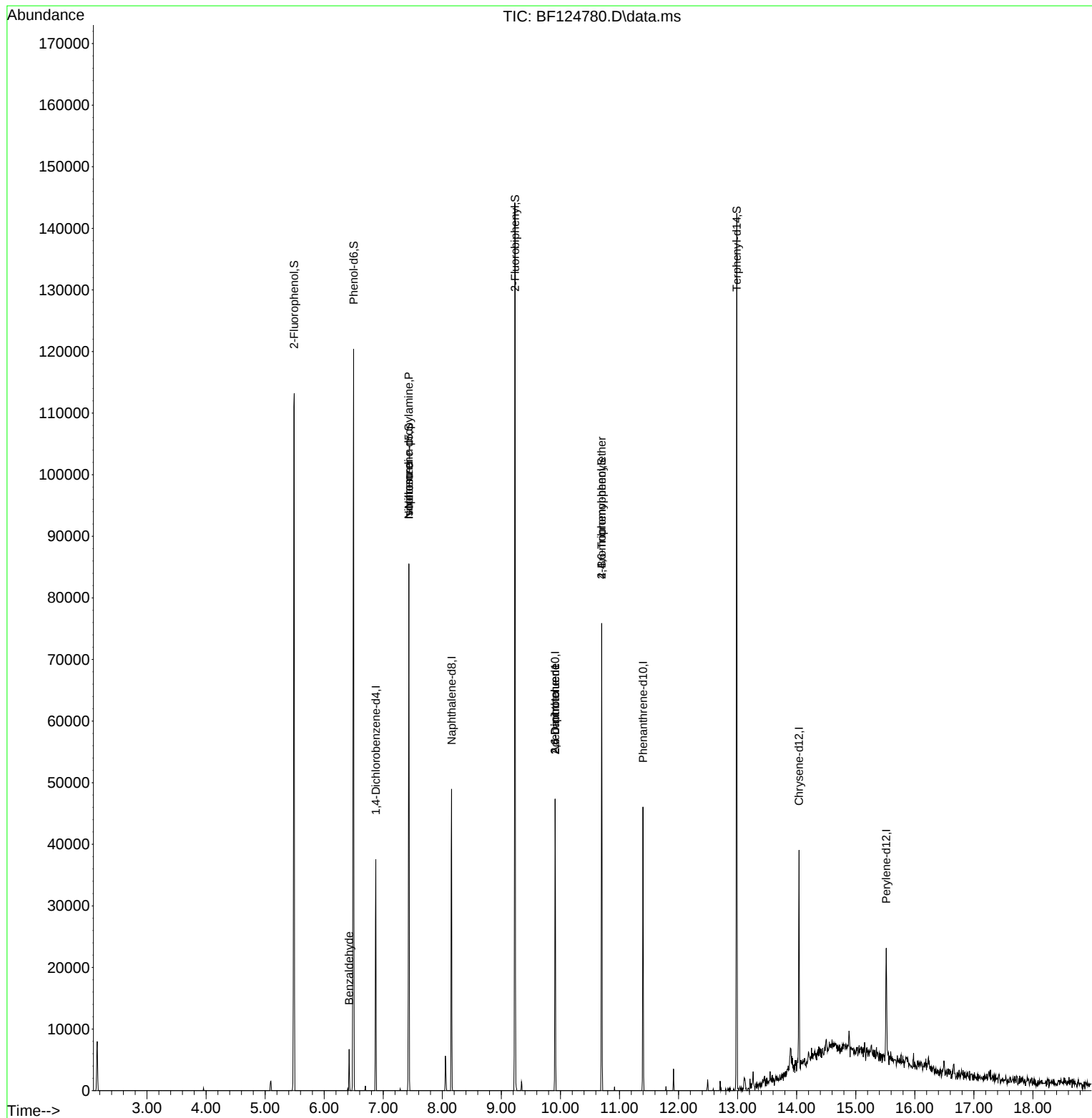
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5441	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20748	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9883	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15897	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11989	20.000	ng	0.00
86) Perylene-d12	15.515	264	9170	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	31278	97.333	ng	0.01
7) Phenol-d6	6.498	99	36469	90.524	ng	0.00
23) Nitrobenzene-d5	7.433	82	23481	67.358	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7122	83.931	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	46830	69.596	ng	0.00
79) Terphenyl-d14	12.986	244	42556	60.845	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	1167	5.380	ng	94
19) n-Nitroso-di-n-propyla...	7.433	70	2983	13.866	ng	# 74
25) Isophorone	7.433	82	23480	38.092	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1183	7.869	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1183	5.799	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	600	3.559	ng	# 1

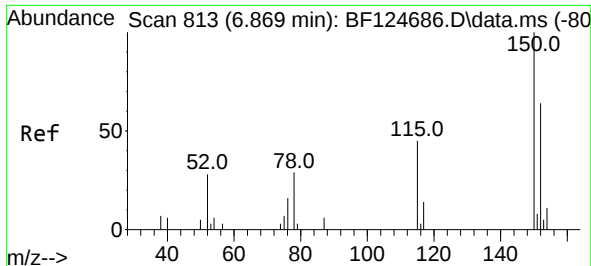
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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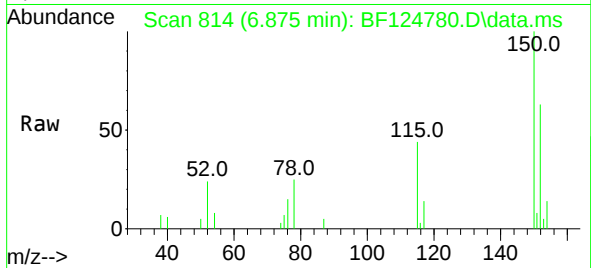
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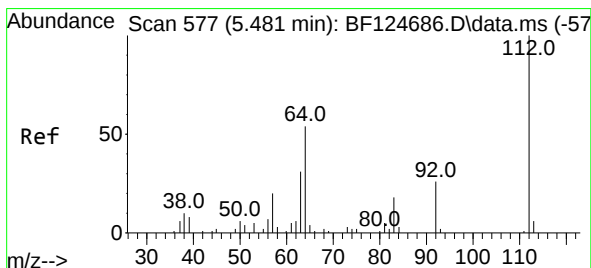
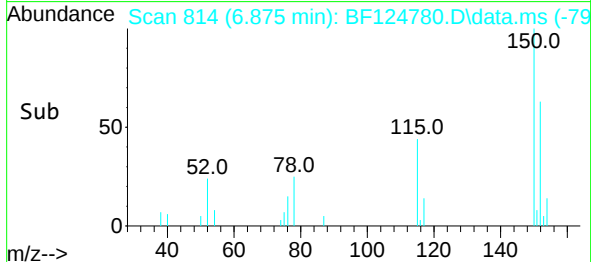
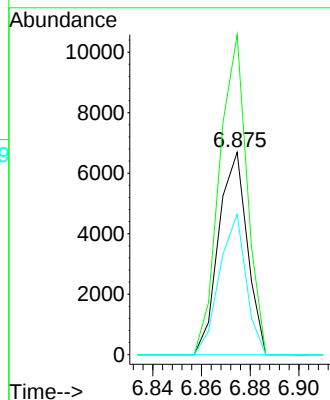


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

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

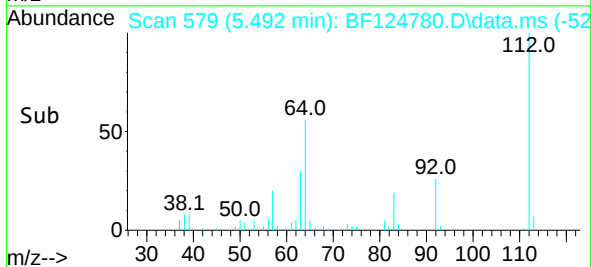
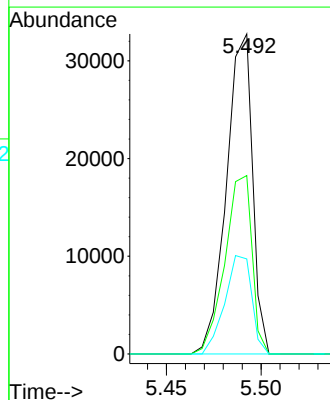
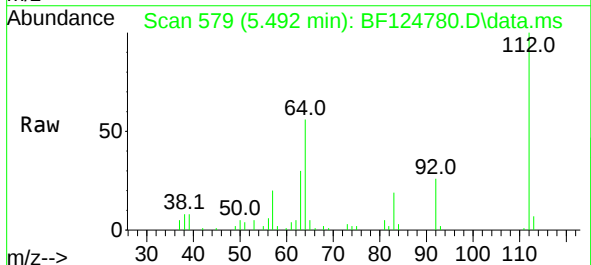


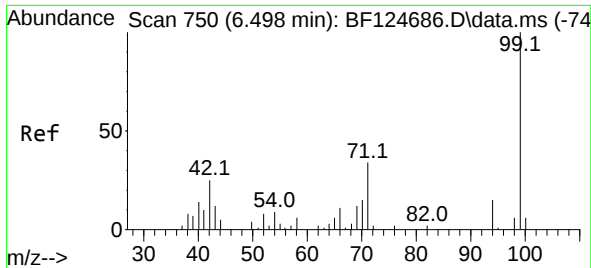
Tgt Ion:152 Resp: 5441
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 69.4 47.1 70.7



#5
2-Fluorophenol
Concen: 97.333 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:112 Resp: 31278
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.2
63 29.7 26.2 39.2

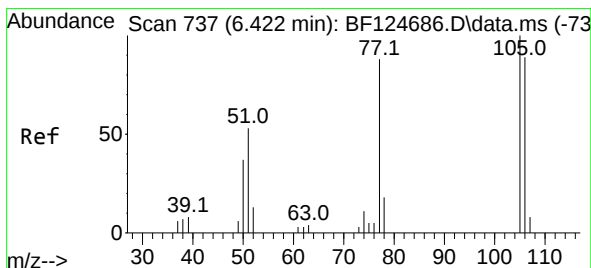
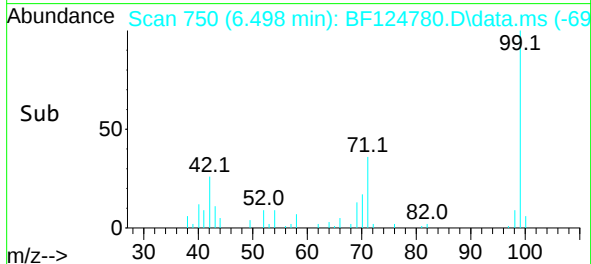
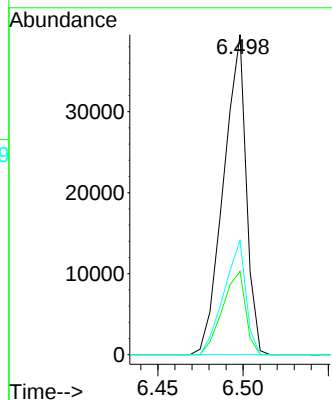
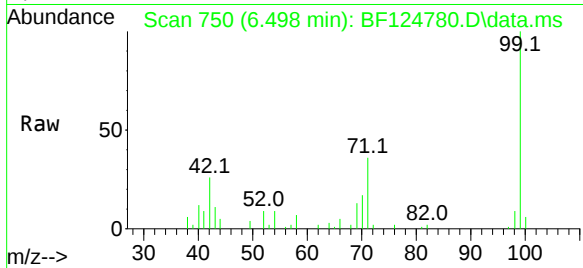




#7
Phenol-d6
Concen: 90.524 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

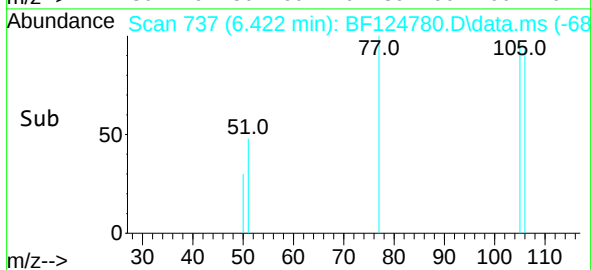
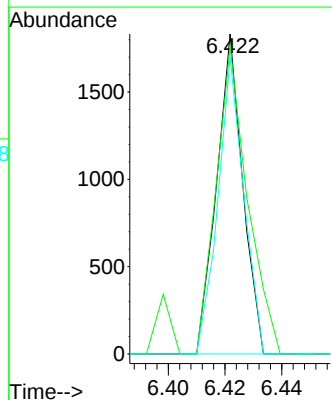
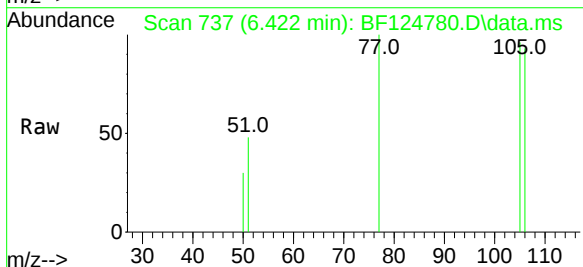
Instrument :
BNA_F
ClientSampleId :
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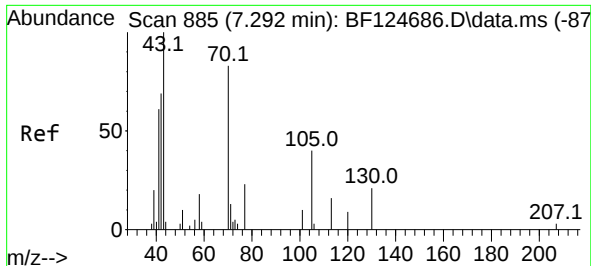
Tgt Ion:	99	Resp:	36469
Ion	Ratio	Lower	Upper
99	100		
42	26.1	23.5	35.3
71	35.7	25.6	38.4



#9
Benzaldehyde
Concen: 5.380 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:	77	Resp:	1167
Ion	Ratio	Lower	Upper
77	100		
105	96.0	75.9	115.9
106	92.9	84.0	124.0

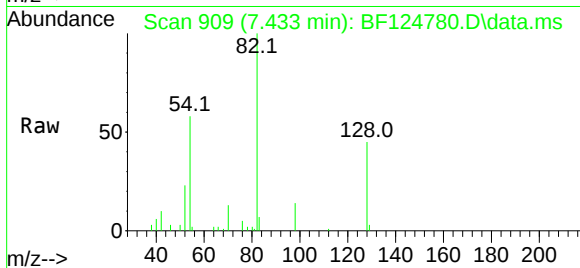




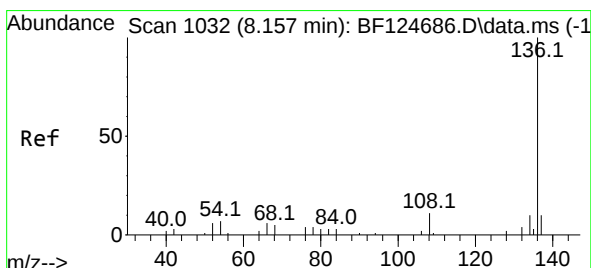
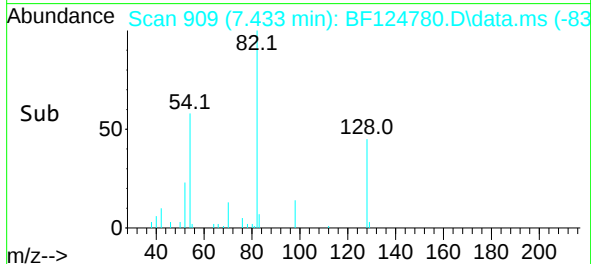
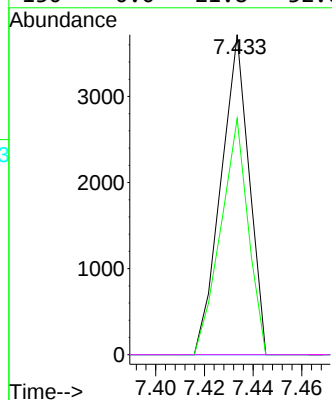
#19

n-Nitroso-di-n-propylamine
Concen: 13.866 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

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



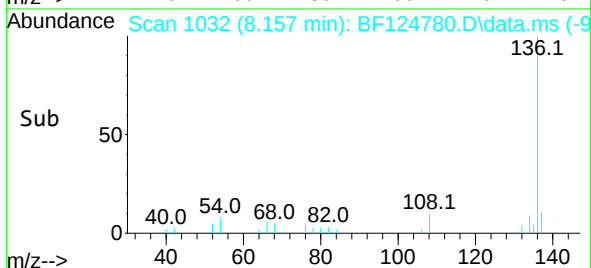
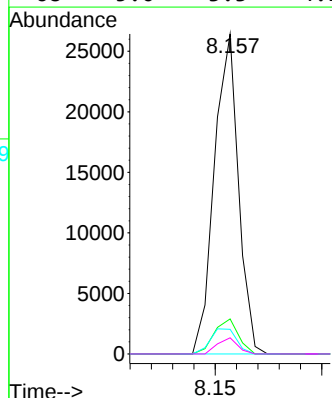
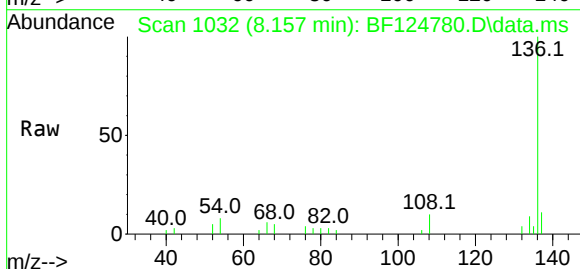
Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.8	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

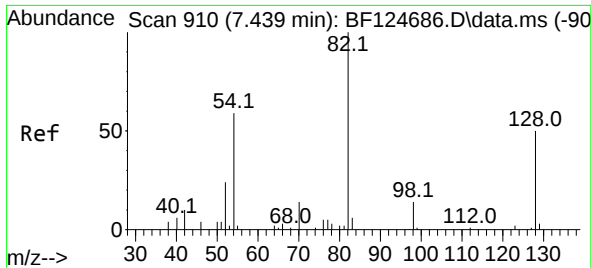


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	7.7	6.4	9.6
68	5.0	3.3	4.9#

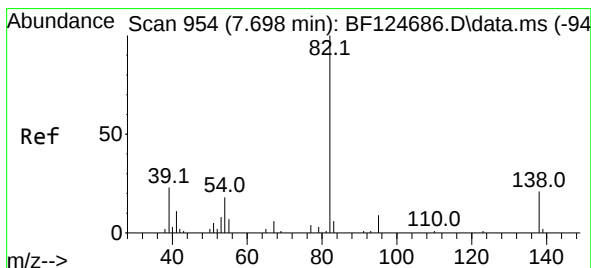
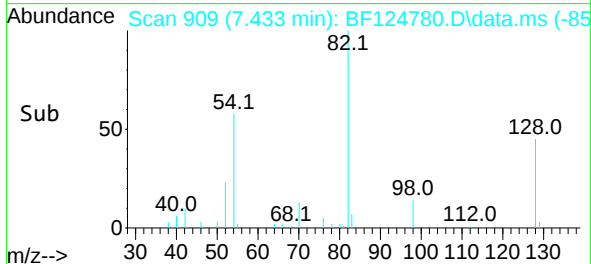
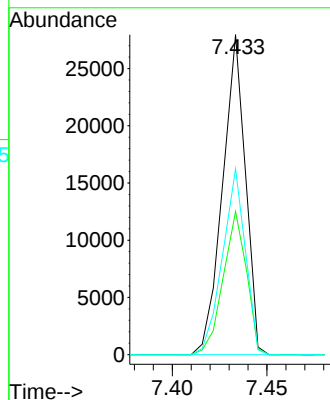
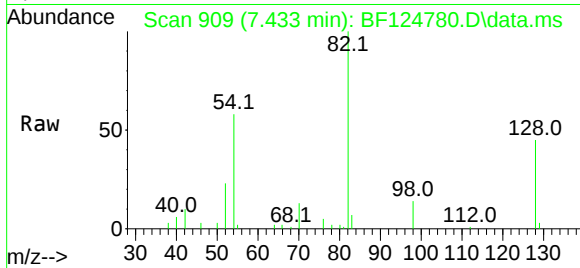




#23
Nitrobenzene-d5
Concen: 67.358 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

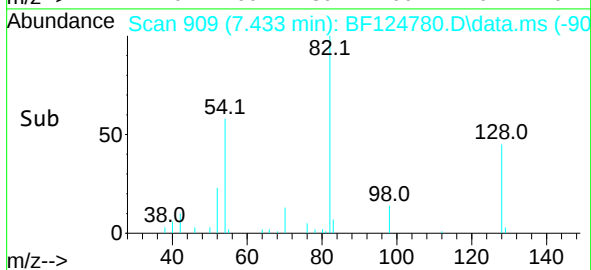
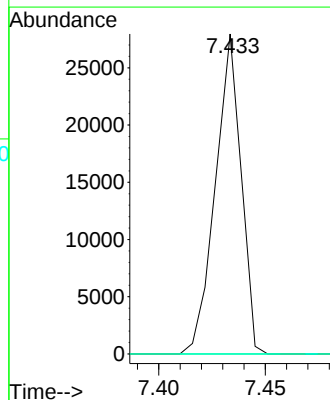
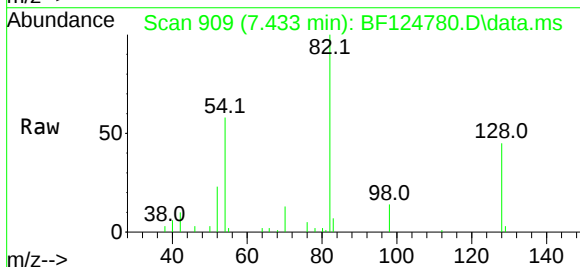
Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

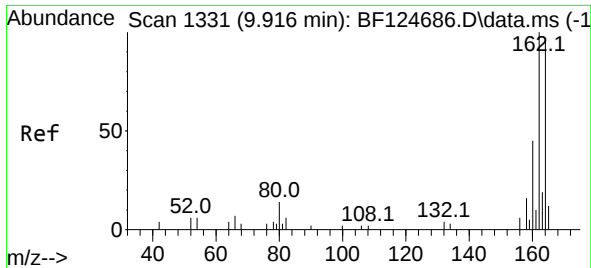
Tgt Ion: 82 Resp: 23481
Ion Ratio Lower Upper
82 100
128 44.8 40.6 60.8
54 58.1 49.6 74.4



#25
Isophorone
Concen: 38.092 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion: 82 Resp: 23480
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

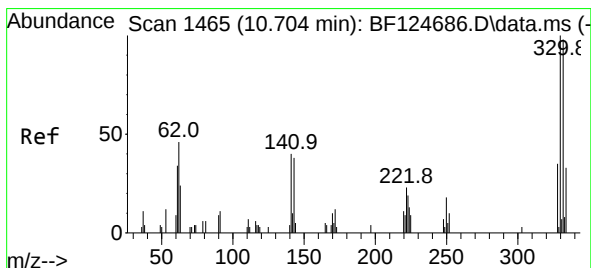
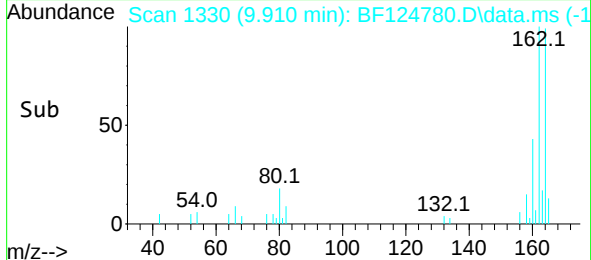
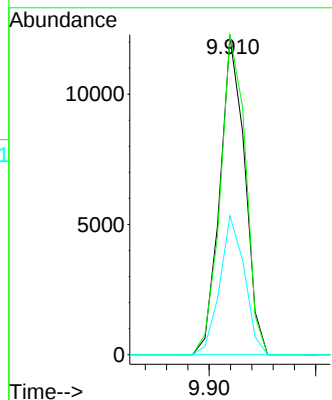
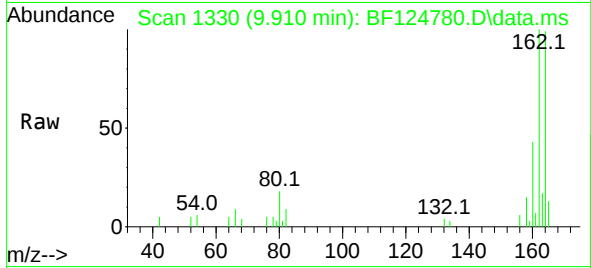




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

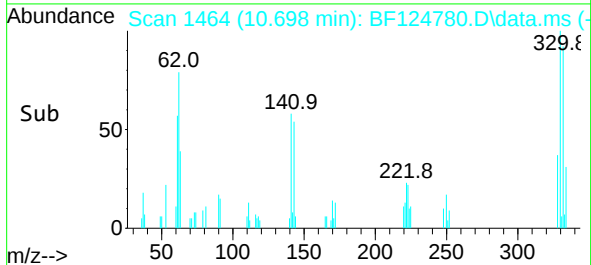
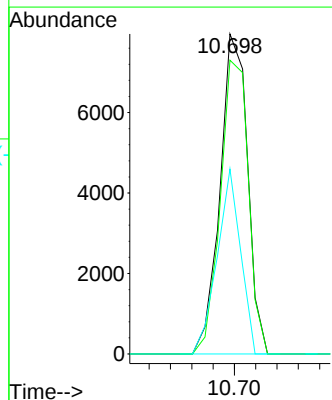
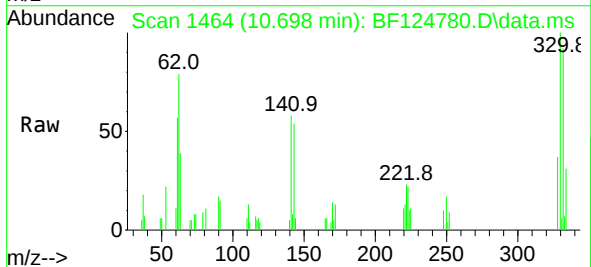
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ClientSampleId :
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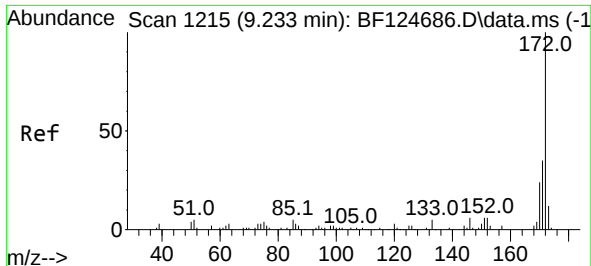
Tgt Ion:164 Resp: 9883
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 43.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 83.931 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

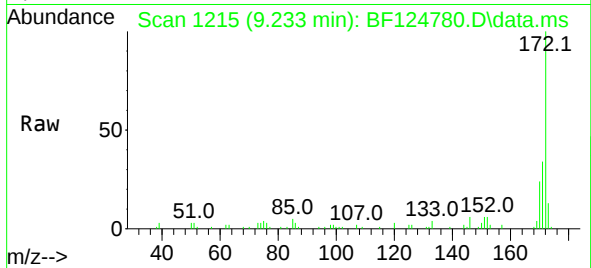
Tgt Ion:330 Resp: 7122
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 49.2 44.6 66.8



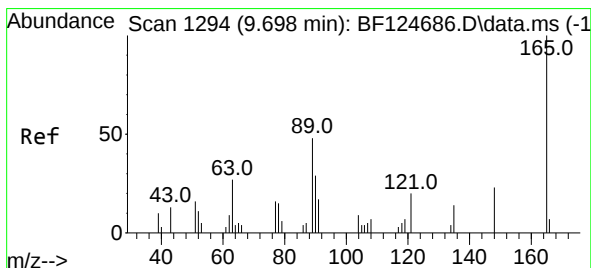
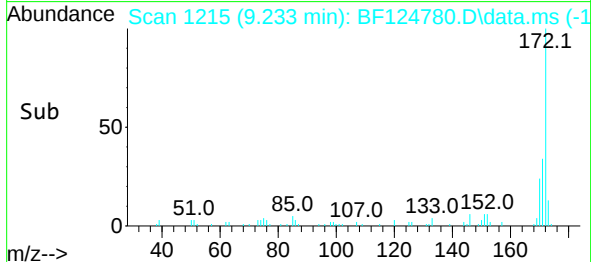
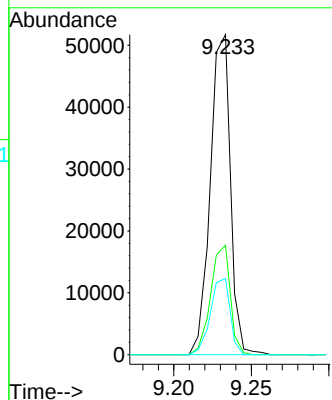


#45
2-Fluorobiphenyl
Concen: 69.596 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Instrument :
BNA_F
ClientSampleId :
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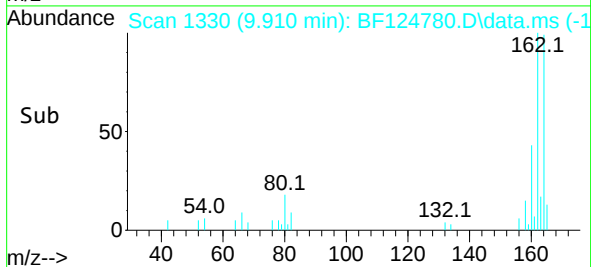
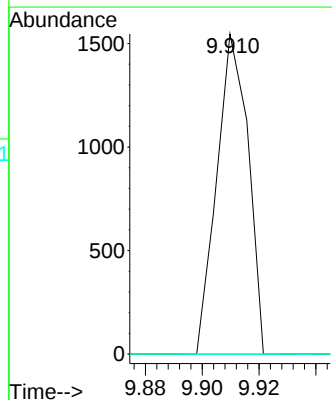
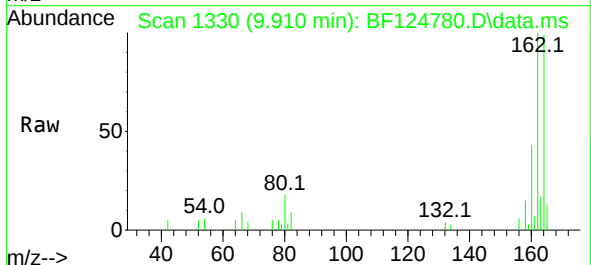


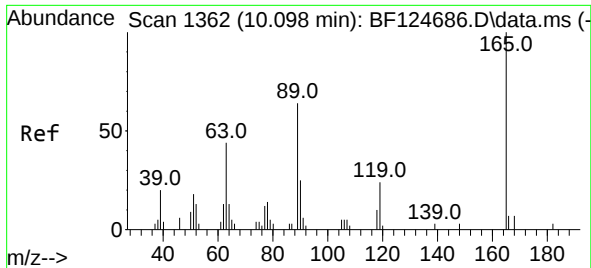
Tgt Ion:172 Resp: 46830
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:165 Resp: 1183
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

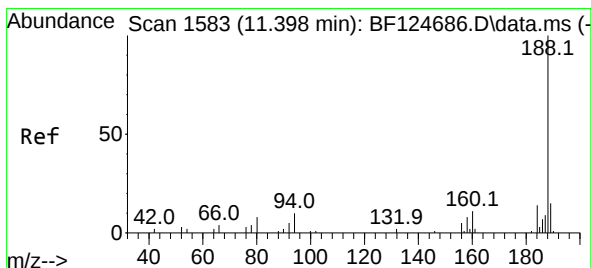
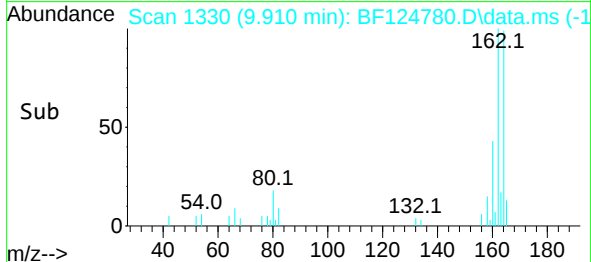
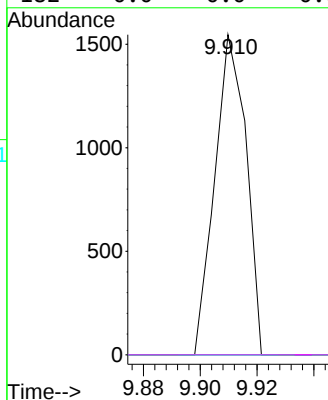
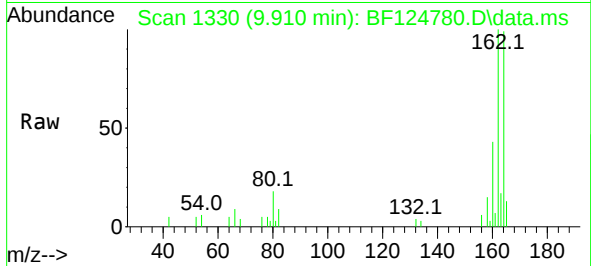




#57
2,4-Dinitrotoluene
Concen: 5.799 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

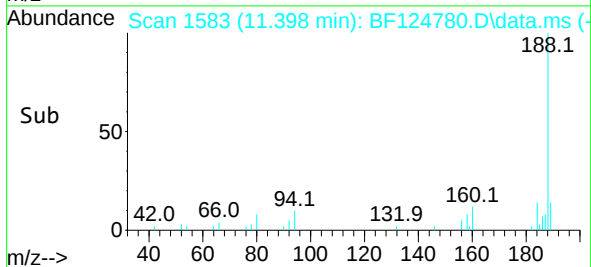
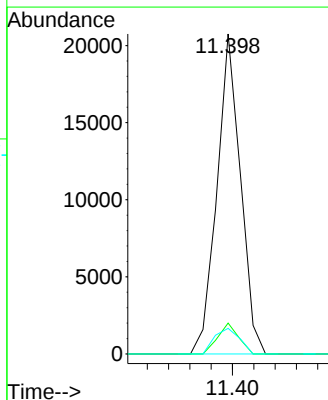
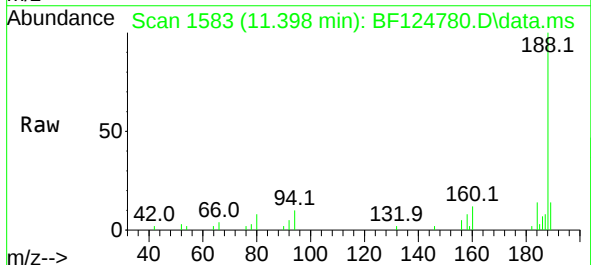
Instrument :
BNA_F
ClientSampleId :
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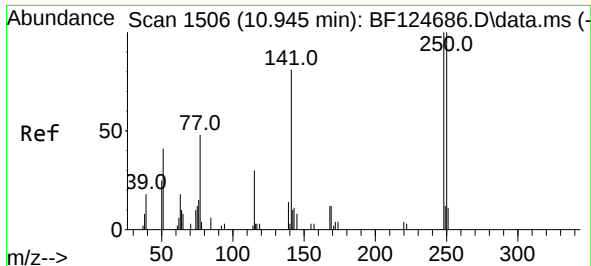
Tgt Ion:165	Resp:	1183
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:188	Resp:	15897
Ion Ratio	Lower	Upper
188	100	
94	9.6	6.7 10.1
80	8.0	7.5 11.3

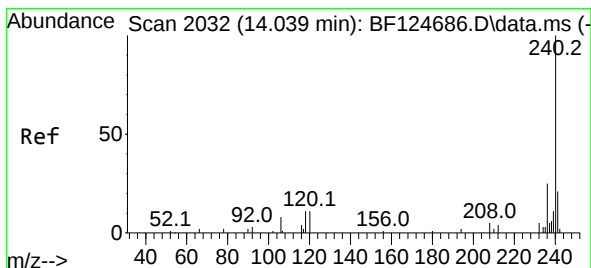
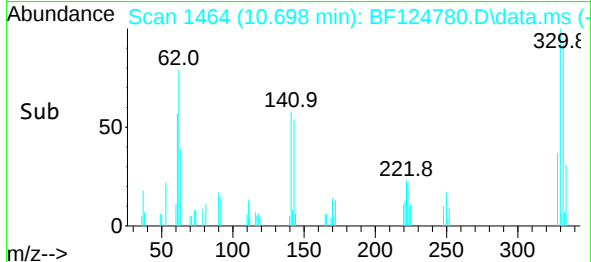
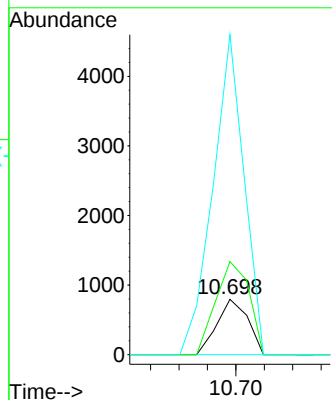
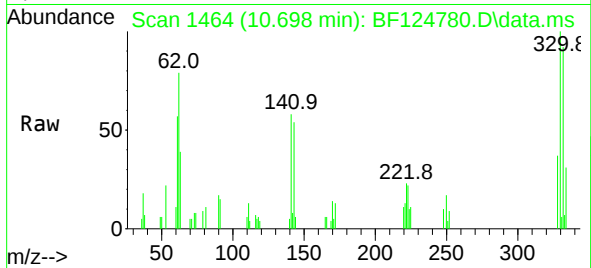




#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

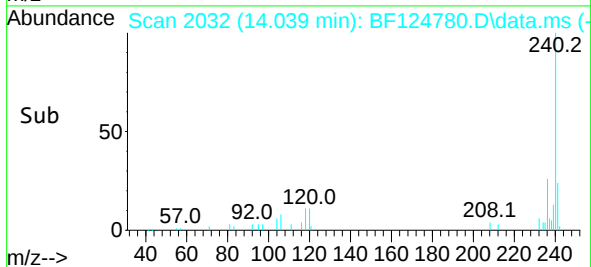
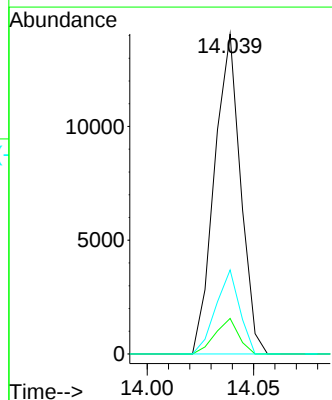
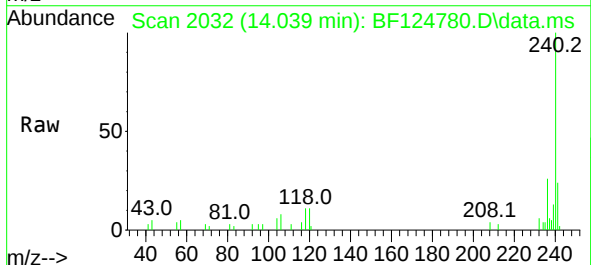
Instrument :
BNA_F
ClientSampled :
SI-2-CLEAN-SOIL

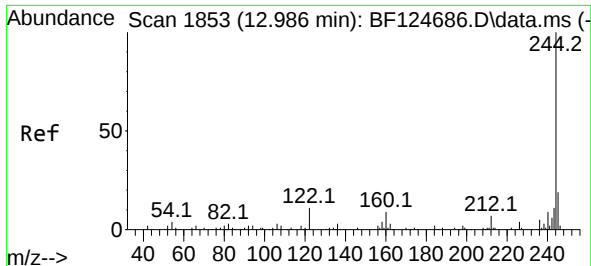
Tgt Ion:248 Resp: 600
Ion Ratio Lower Upper
248 100
250 168.1 74.2 111.4#
141 577.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:240 Resp: 11989
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.2 21.6 32.4

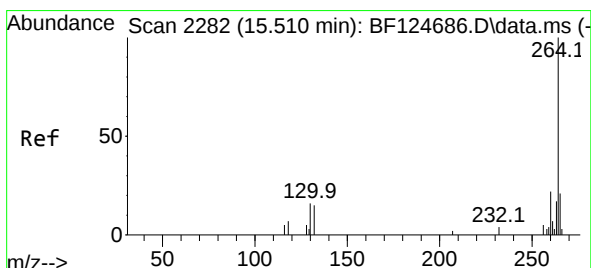
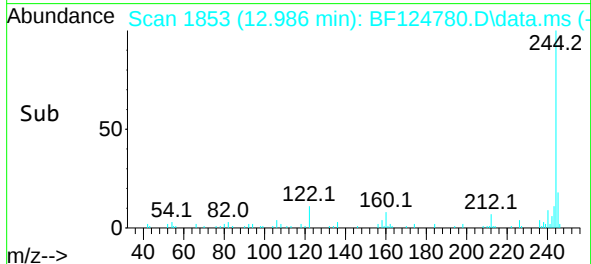
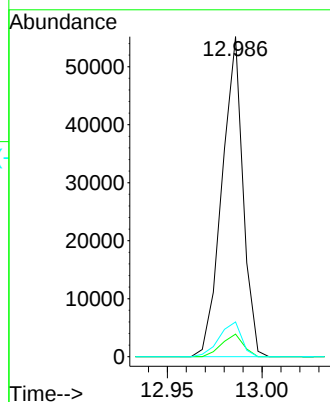
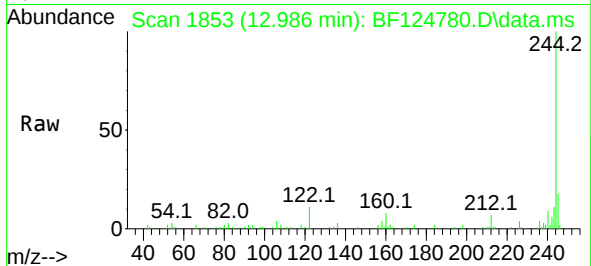




#79
Terphenyl-d14
Concen: 60.845 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

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

Tgt Ion:244 Resp: 42556
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.9 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: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:264 Resp: 9170
Ion Ratio Lower Upper
264 100
260 21.0 19.6 29.4
265 16.4 17.2 25.8#

