

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140696.D
 Acq On : 02 Dec 2024 18:31
 Operator : RC/JU
 Sample : P5026-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-HAM

Quant Time: Dec 03 00:04:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

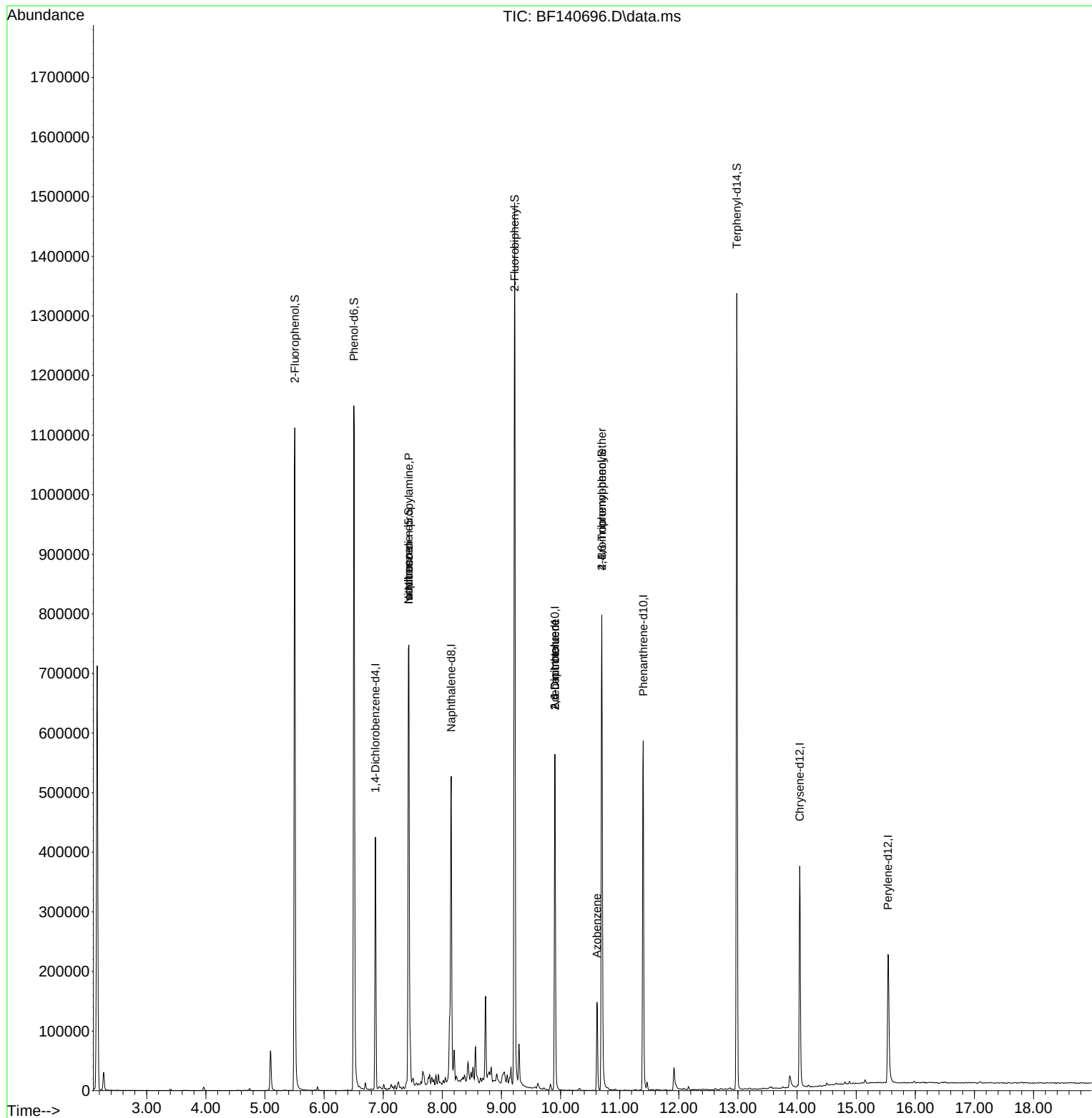
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89859	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	339403	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	182322	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	341014	20.000	ng	0.00
76) Chrysene-d12	14.045	240	197098	20.000	ng	0.00
86) Perylene-d12	15.539	264	161533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	444789	84.455	ng	0.00
7) Phenol-d6	6.504	99	587165	84.332	ng	-0.01
23) Nitrobenzene-d5	7.428	82	372758	56.177	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	150238	77.047	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	683592	55.863	ng	-0.01
79) Terphenyl-d14	12.980	244	660526	52.183	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	52572	12.776	ng	# 74
25) Isophorone	7.428	82	363998	32.889	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22660	8.321	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22661	6.261	ng	# 18
63) Azobenzene	10.616	77	41645	3.605	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	9600	2.734	ng	# 1

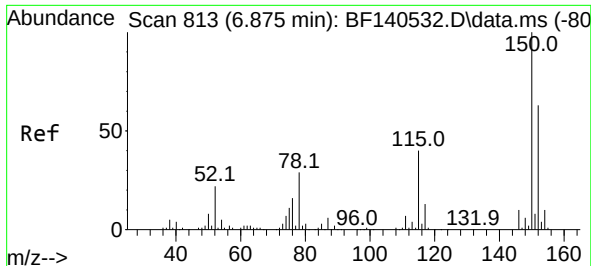
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 00:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

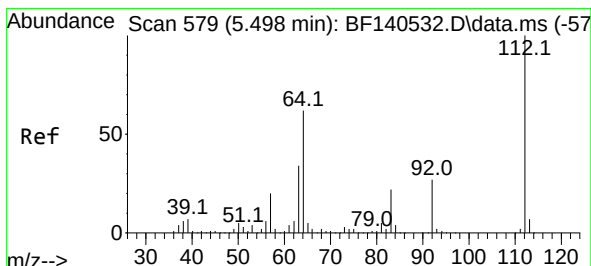
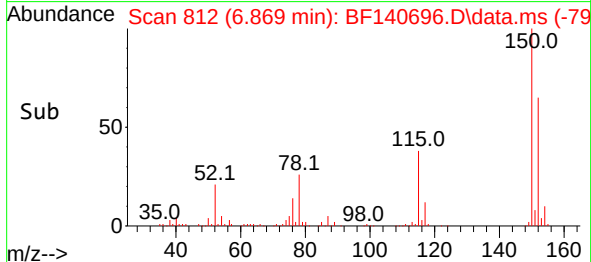
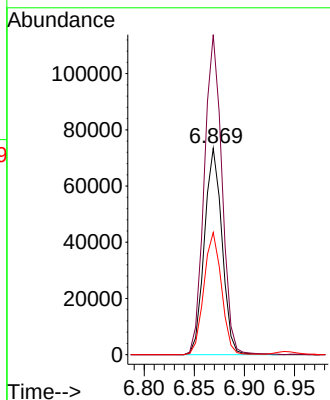
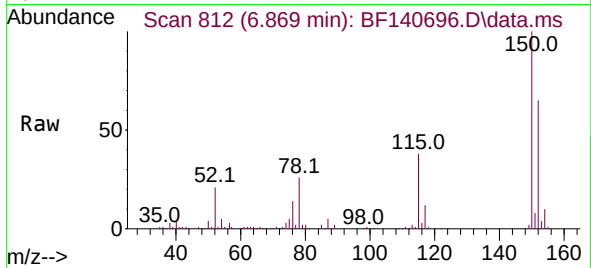




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

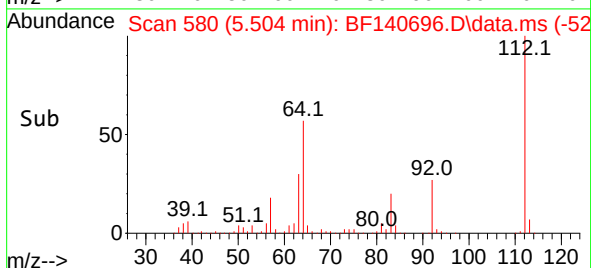
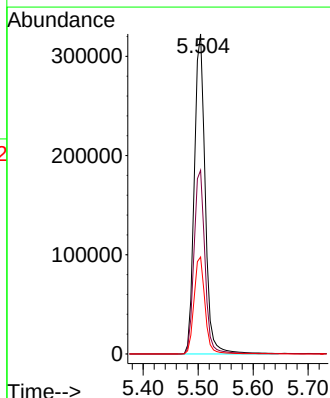
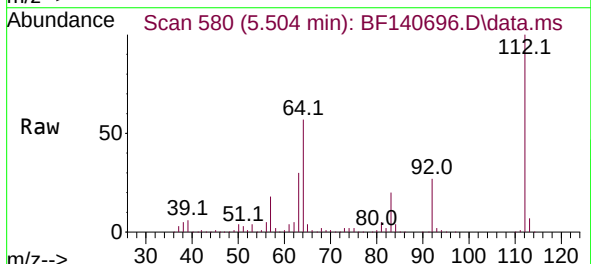
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

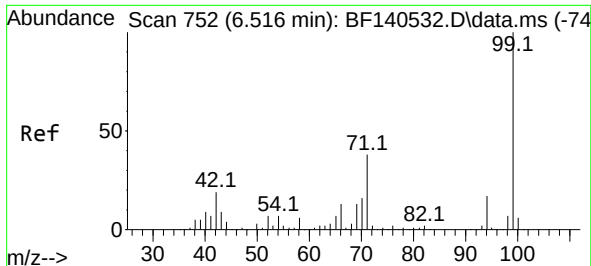
Tgt Ion:152 Resp: 89859
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 59.2 50.2 75.4



#5
2-Fluorophenol
Concen: 84.455 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion:112 Resp: 444789
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 30.3 27.0 40.4

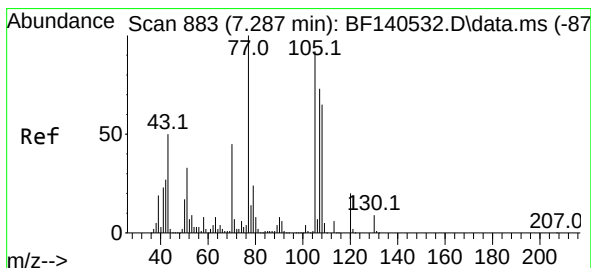
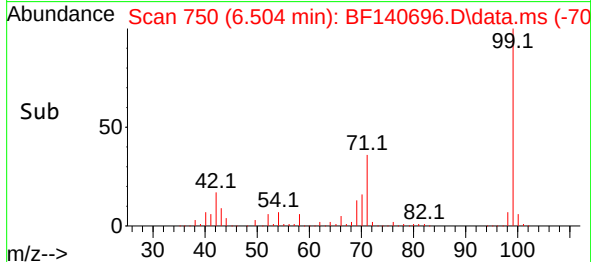
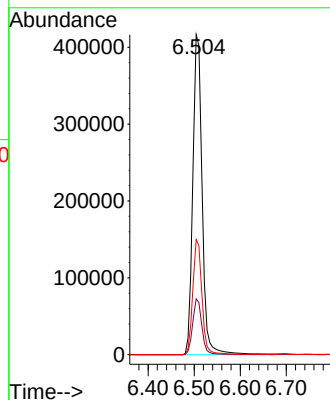
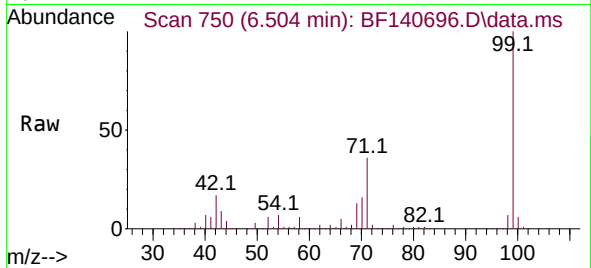




#7
Phenol-d6
Concen: 84.332 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

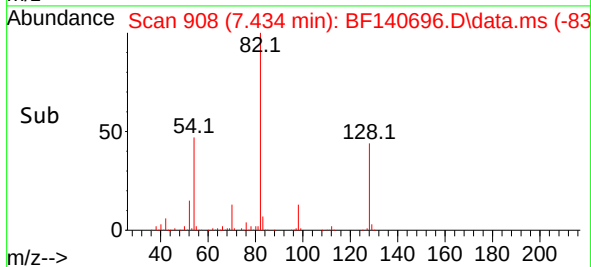
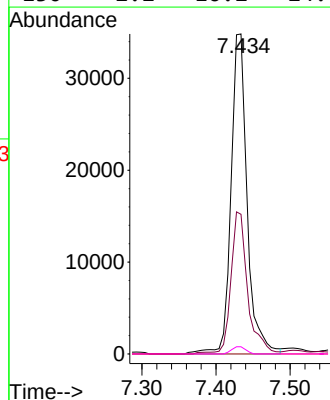
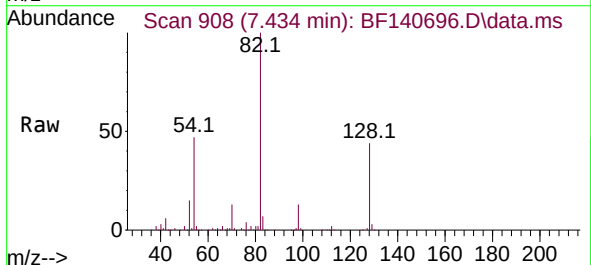
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

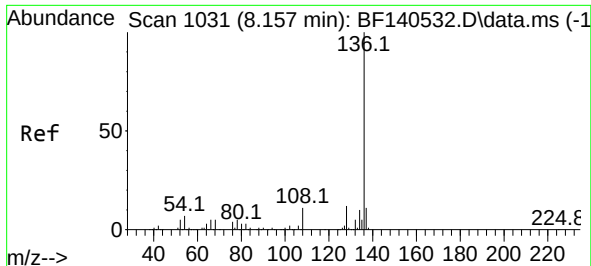
Tgt Ion: 99 Resp: 587165
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 35.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.776 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion: 70 Resp: 52572
Ion Ratio Lower Upper
70 100
42 43.7 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



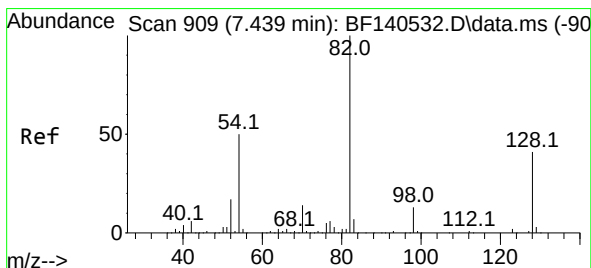
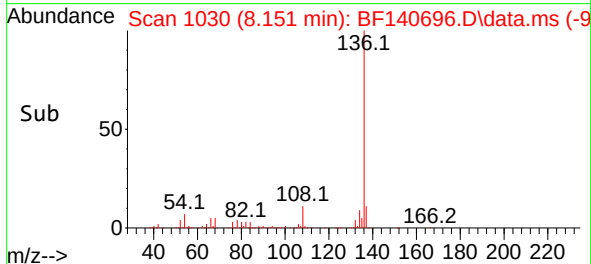
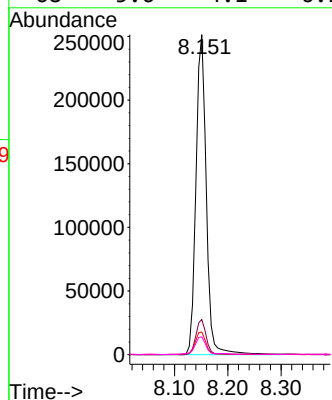
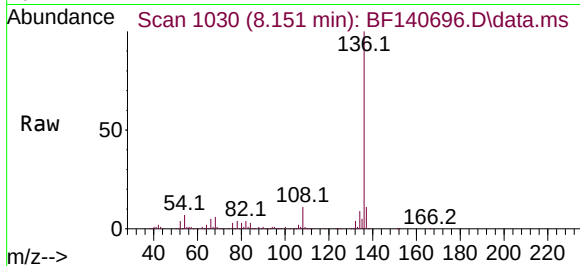


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

Tgt Ion:136 Resp: 339403

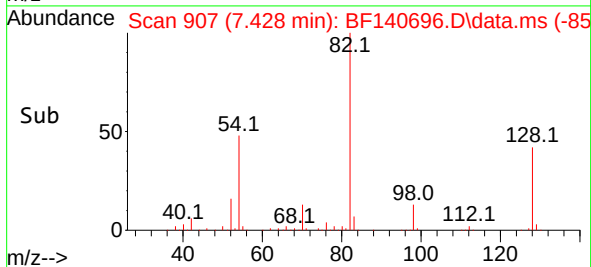
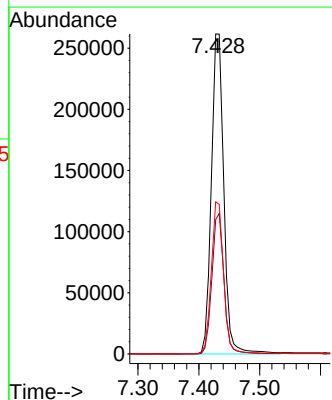
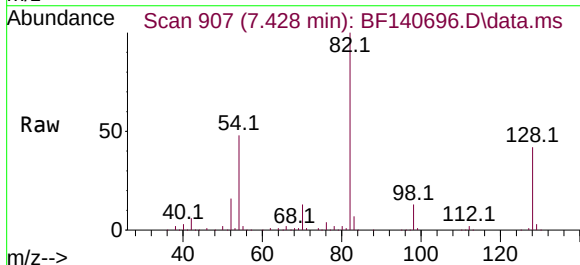
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.1	5.8	8.8
68	5.6	4.1	6.1

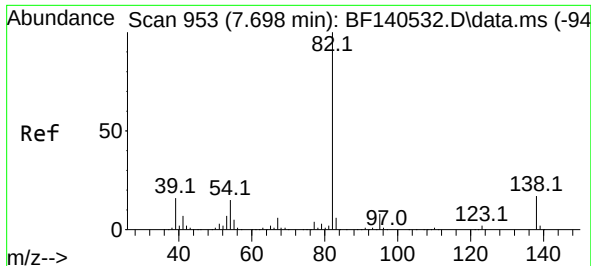


#23
Nitrobenzene-d5
Concen: 56.177 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion: 82 Resp: 372758

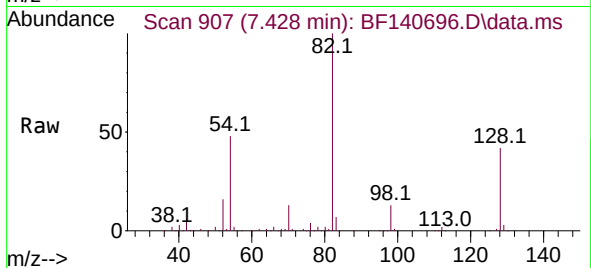
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	47.5	39.5	59.3



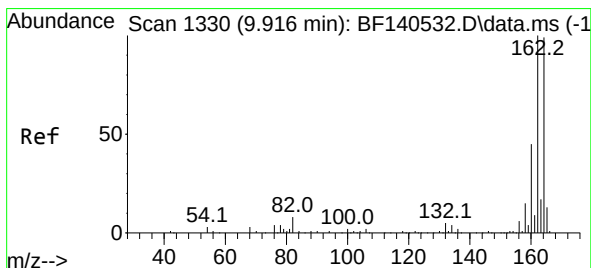
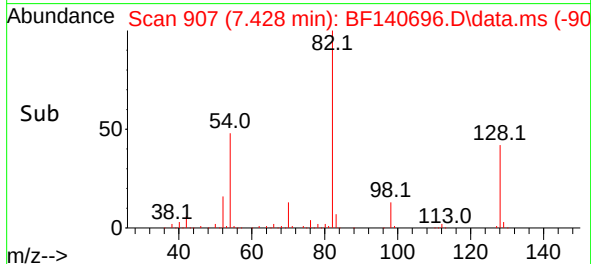
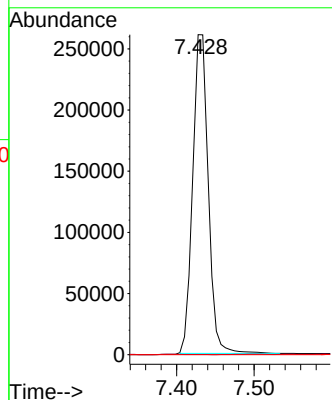


#25
Isophorone
Concen: 32.889 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

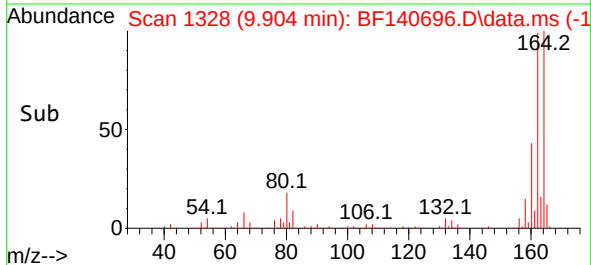
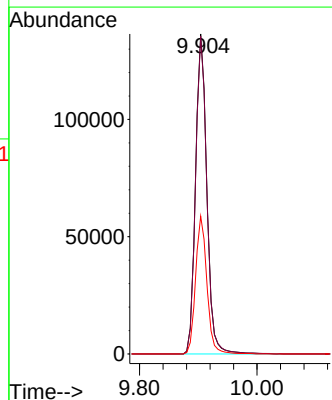
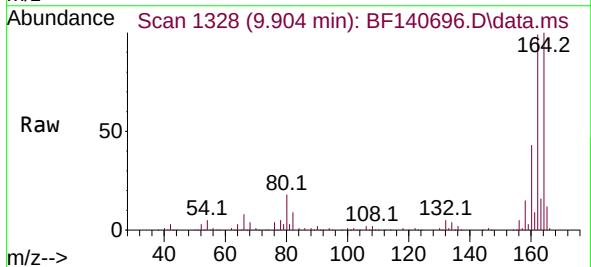


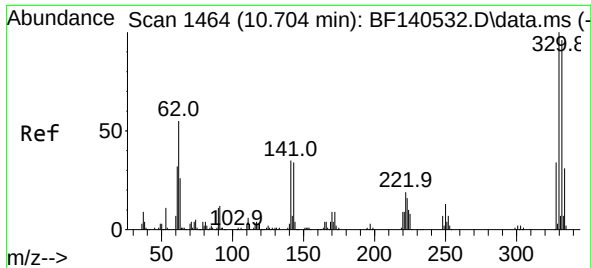
Tgt Ion: 82 Resp: 363998
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion: 164 Resp: 182322
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 43.0 36.2 54.4

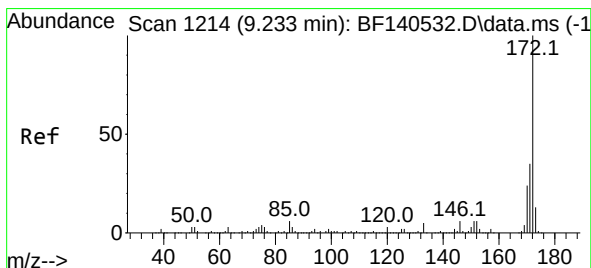
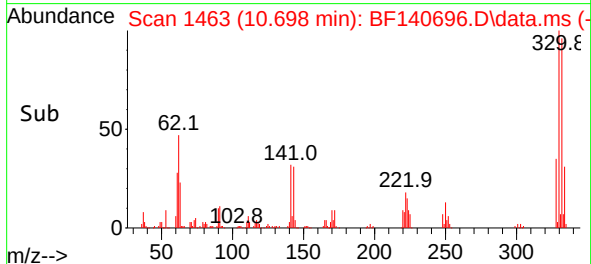
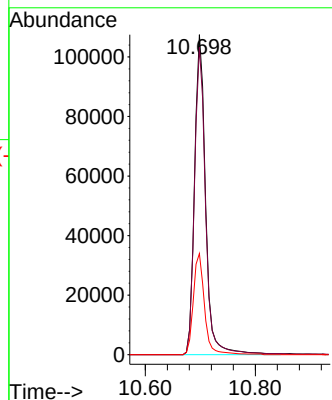
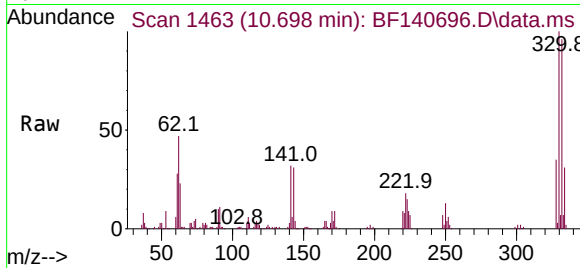




#42
2,4,6-Tribromophenol
Concen: 77.047 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

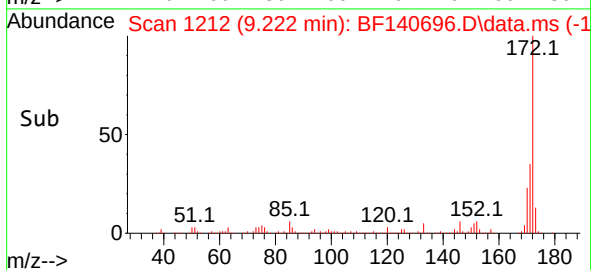
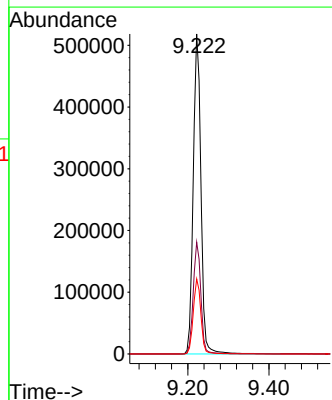
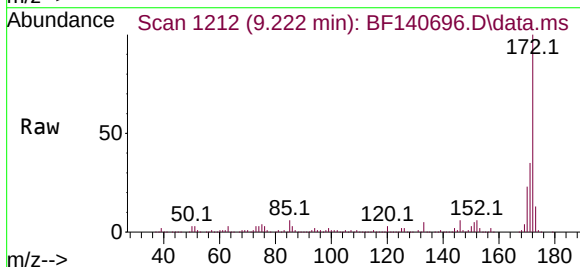
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

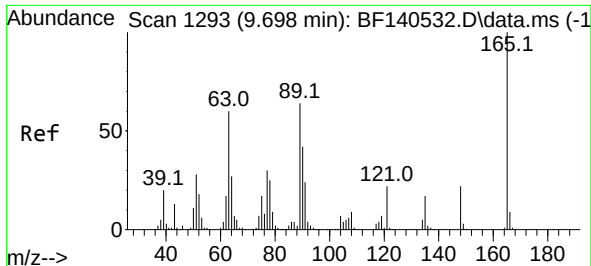
Tgt Ion:330 Resp: 150238
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 55.863 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion:172 Resp: 683592
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.0 28.6

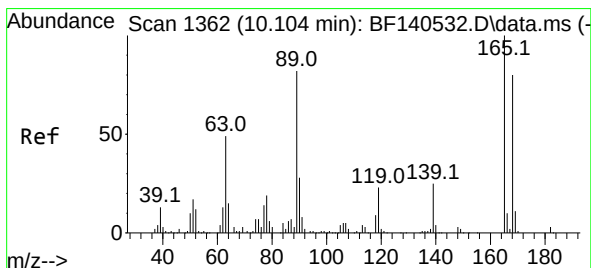
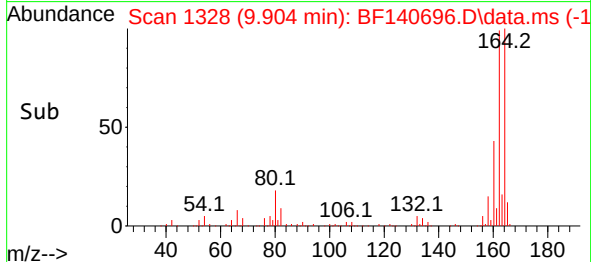
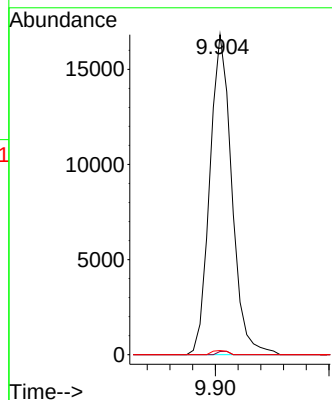
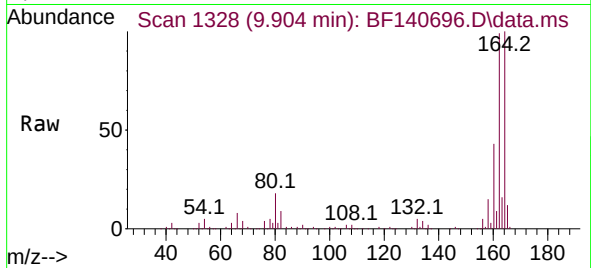




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

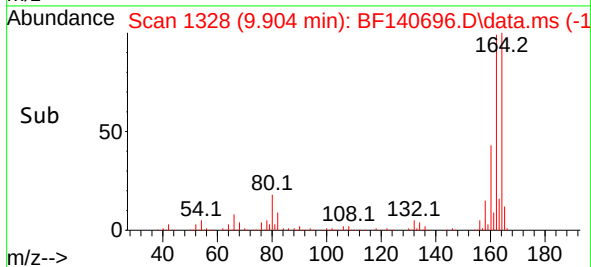
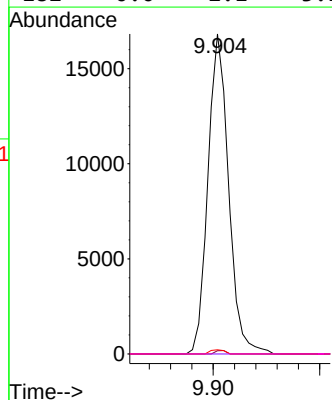
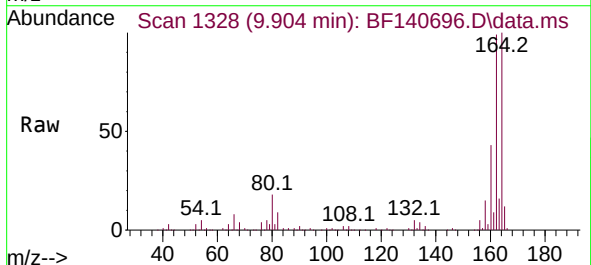
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

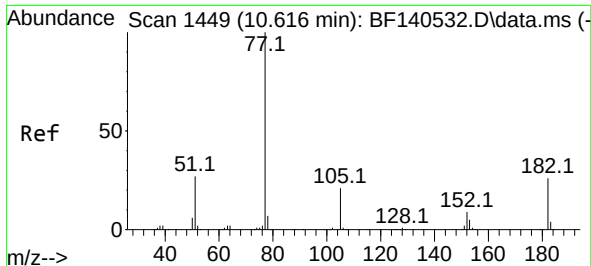
Tgt Ion:165 Resp: 22660
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.261 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion:165 Resp: 22661
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#

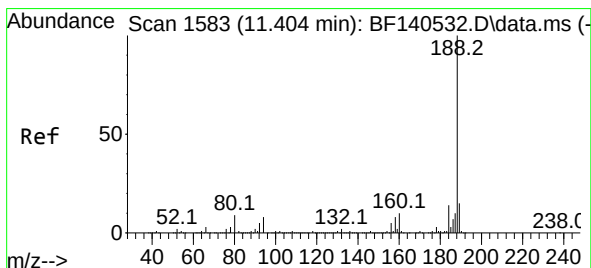
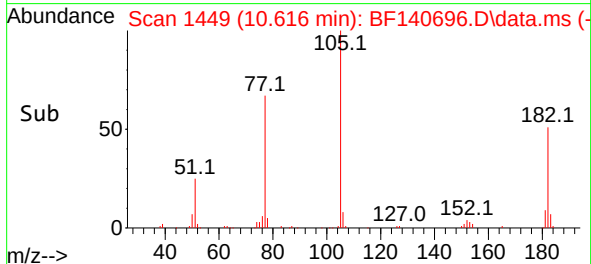
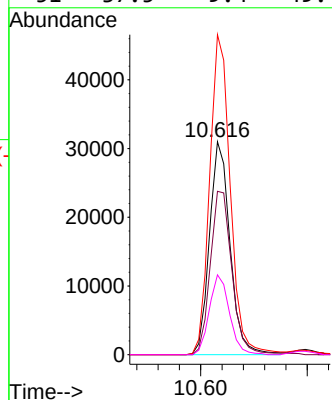
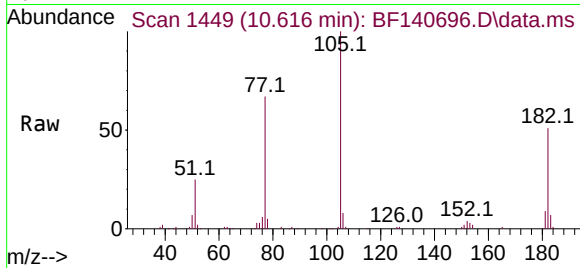




#63
Azobenzene
Concen: 3.605 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

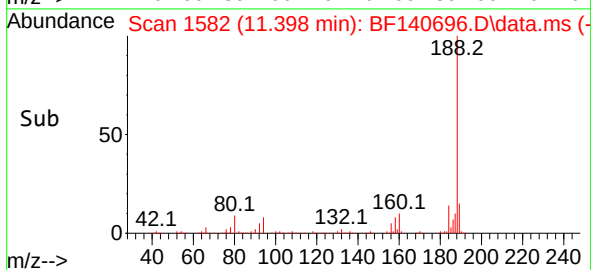
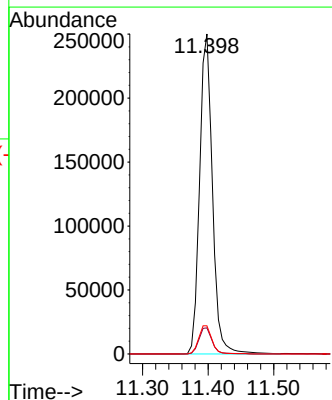
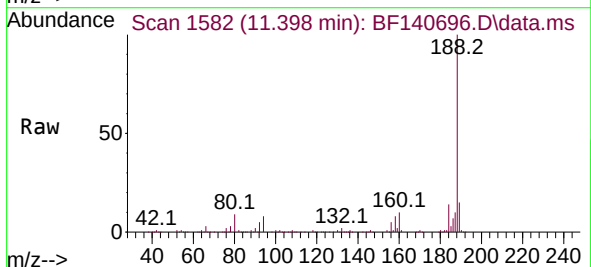
Instrument :
BNA_F
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SOIL-1-HAM

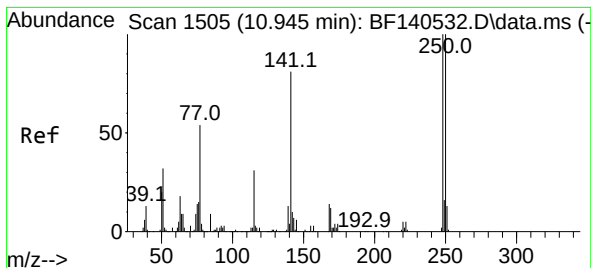
Tgt Ion: 77 Resp: 41645
Ion Ratio Lower Upper
77 100
182 76.7 5.3 45.3#
105 150.2 0.3 40.3#
51 37.5 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

Tgt Ion: 188 Resp: 341014
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3

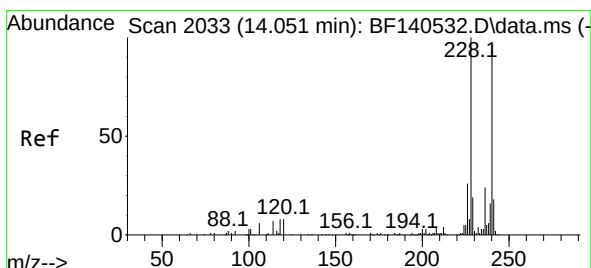
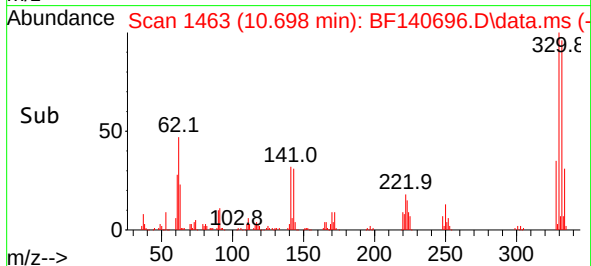
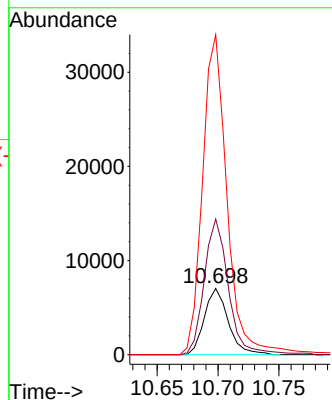
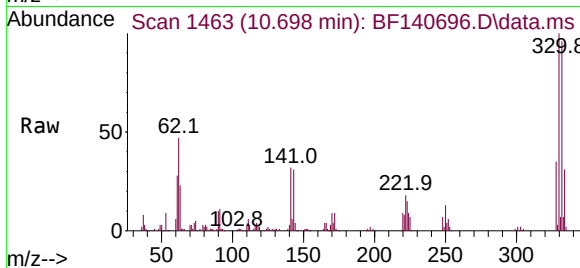




#67
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.698 min Scan# 140696
Delta R.T. -0.247 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

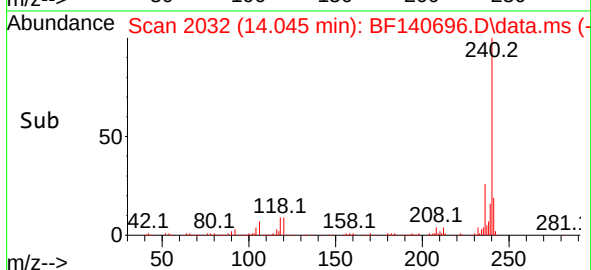
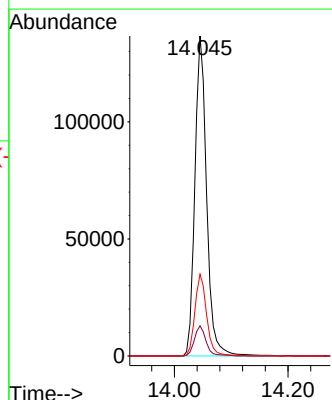
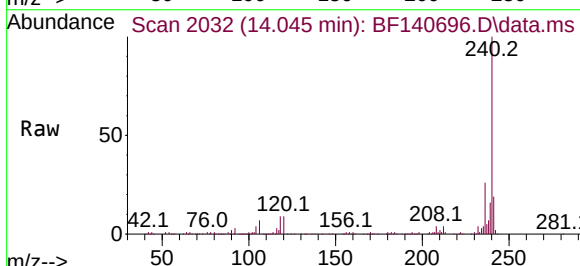
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

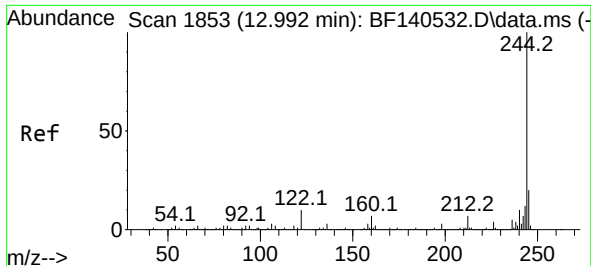
Tgt Ion:248 Resp: 9600
Ion Ratio Lower Upper
248 100
250 204.6 79.8 119.8#
141 482.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140696.D
Acq: 02 Dec 2024 18:31

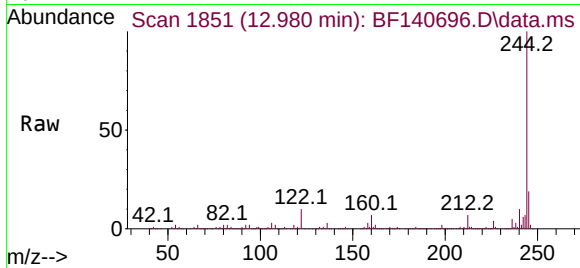
Tgt Ion:240 Resp: 197098
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.6 20.6 31.0



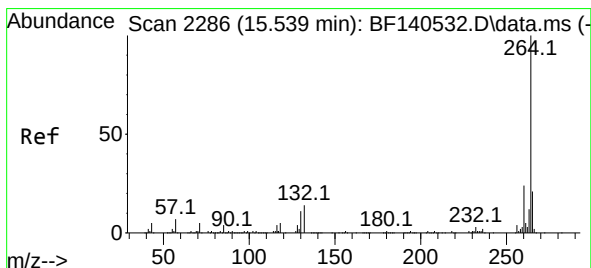
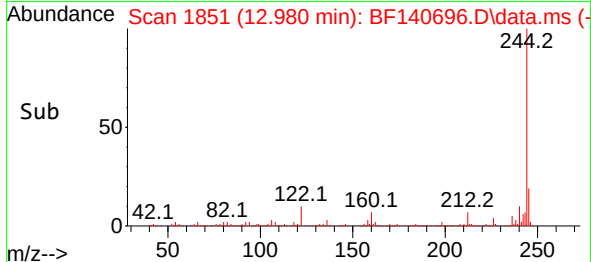
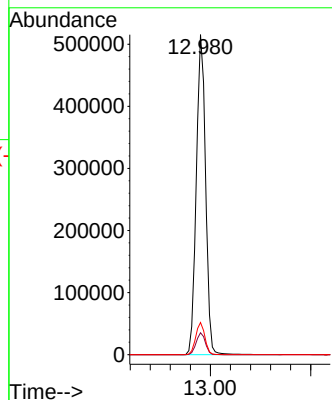


#79
 Terphenyl-d14
 Concen: 52.183 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140696.D
 Acq: 02 Dec 2024 18:31

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-HAM



Tgt Ion:244 Resp: 660526
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140696.D
 Acq: 02 Dec 2024 18:31

Tgt Ion:264 Resp: 161533
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 16.6 25.0

