

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140718.D
 Acq On : 03 Dec 2024 18:26
 Operator : RC/JU
 Sample : P5026-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-HAM

Quant Time: Dec 03 22:15:11 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)

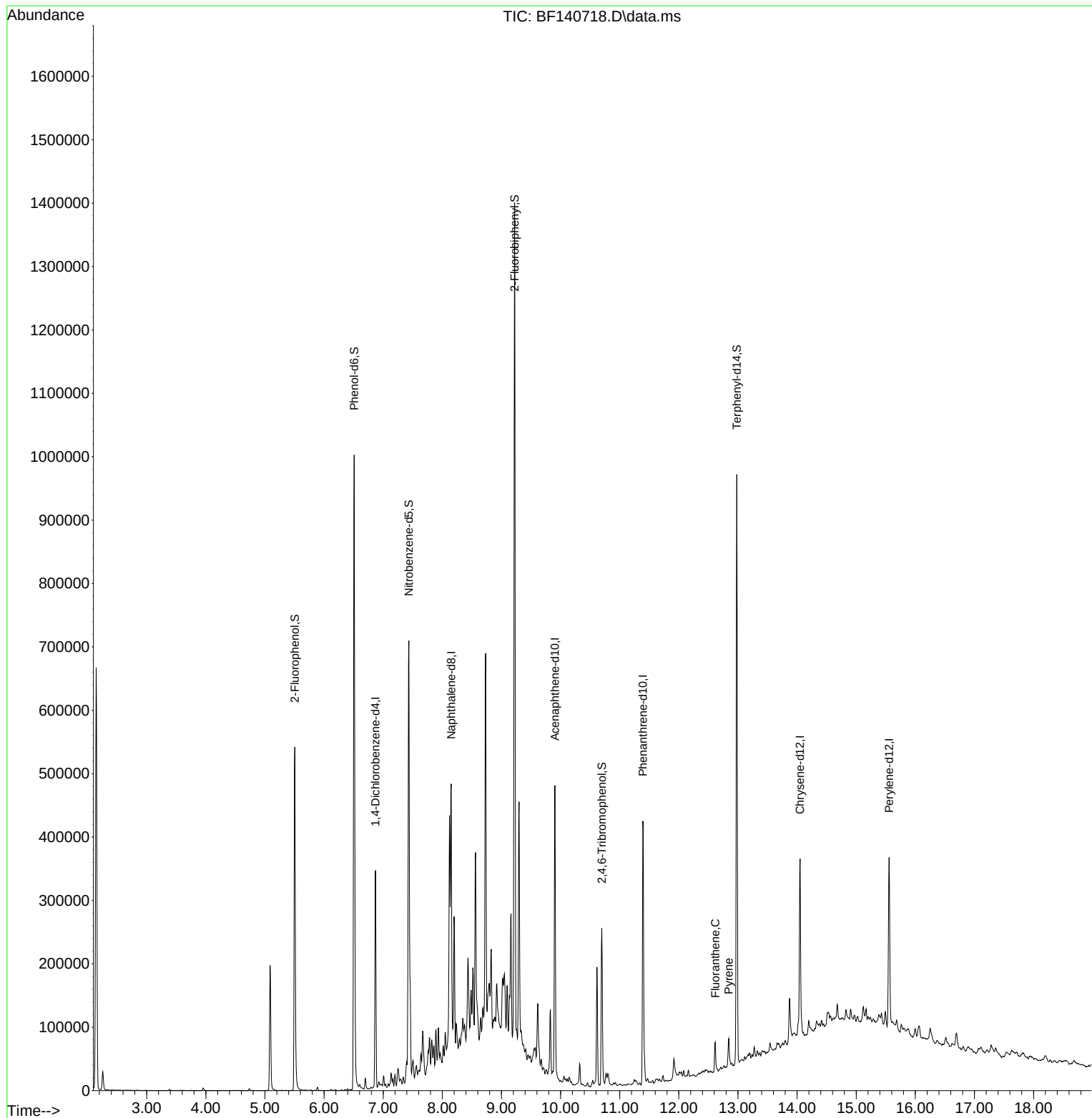
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68863	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	257244	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	137460	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	234583	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	131312	20.000	ng	0.00
86) Perylene-d12	15.557	264	155748	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	219405	54.362	ng	0.00
7) Phenol-d6	6.510	99	474218	88.876	ng	0.00
23) Nitrobenzene-d5	7.434	82	320064	63.641	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	44455	30.239	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	573688	62.183	ng	-0.01
79) Terphenyl-d14	12.980	244	447570	53.074	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.616	202	25603	2.091	ng	99
78) Pyrene	12.845	202	26806	2.208	ng	98

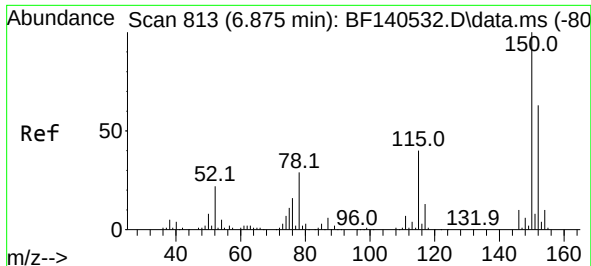
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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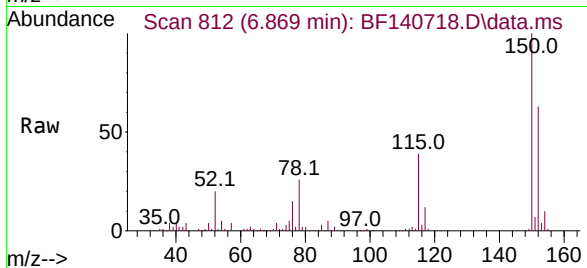
Quant Time: Dec 03 22:15:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



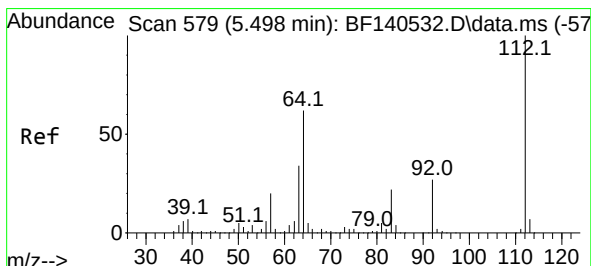
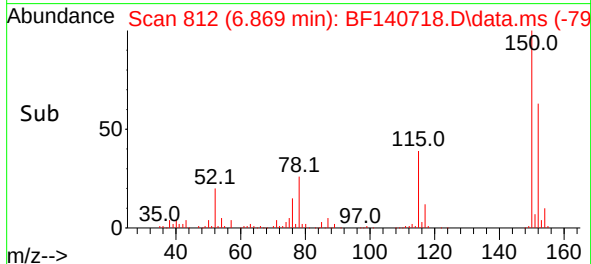
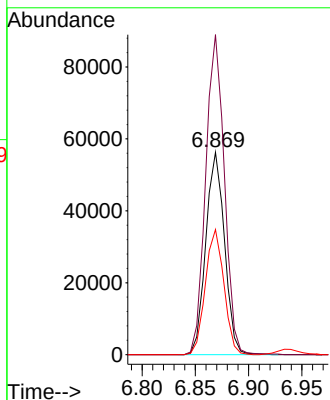


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

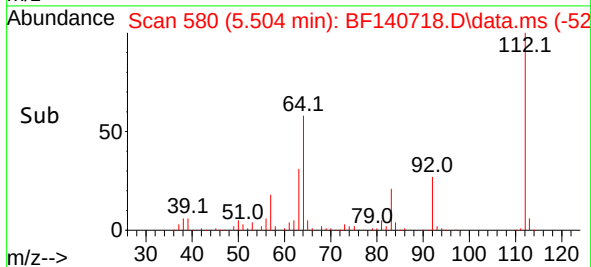
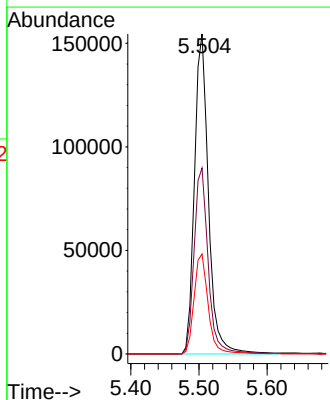
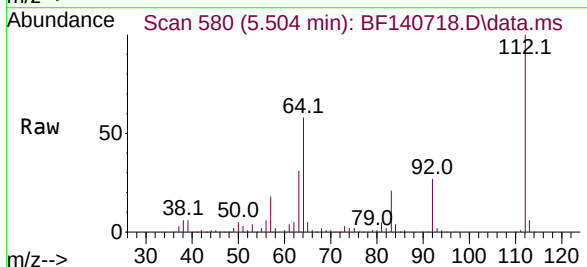


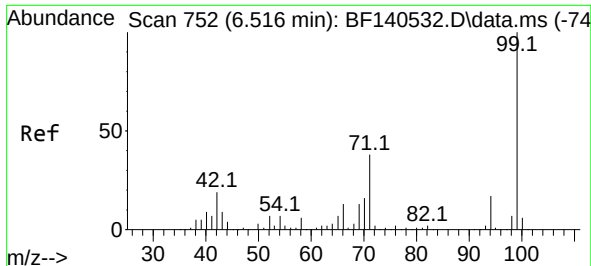
Tgt Ion:152 Resp: 68863
Ion Ratio Lower Upper
152 100
150 158.1 128.5 192.7
115 61.8 50.2 75.4



#5
2-Fluorophenol
Concen: 54.362 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Tgt Ion:112 Resp: 219405
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.2 27.0 40.4

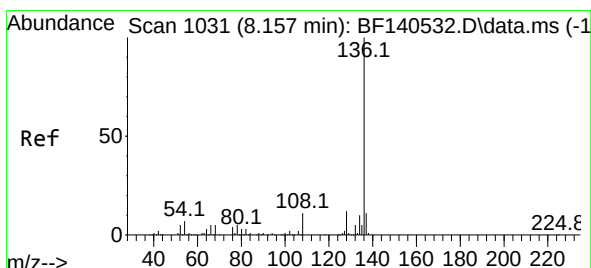
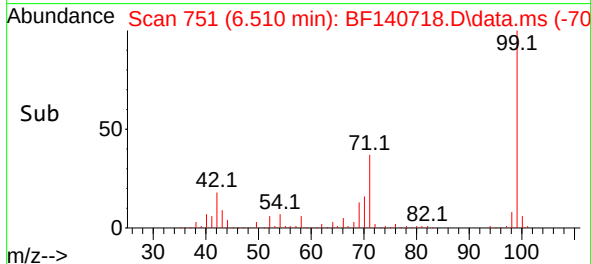
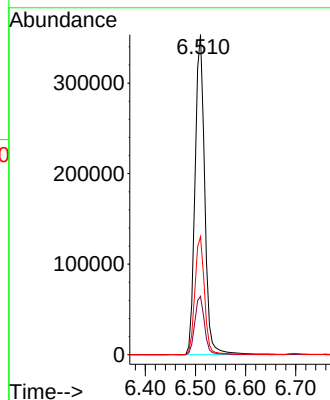
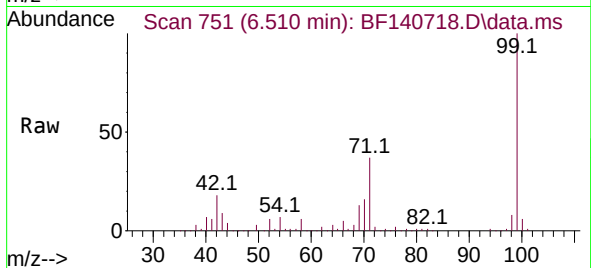




#7
Phenol-d6
Concen: 88.876 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

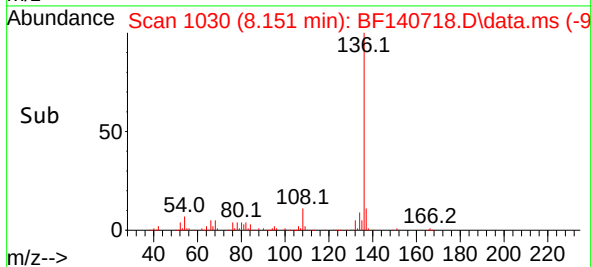
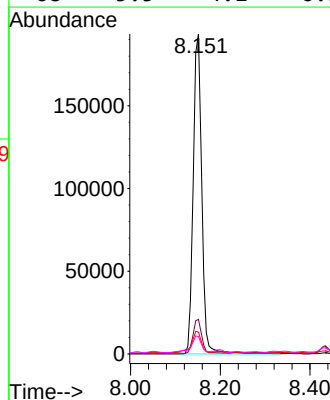
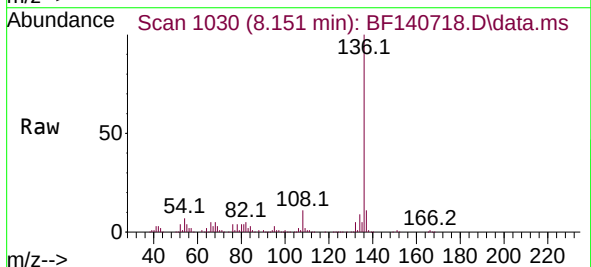
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

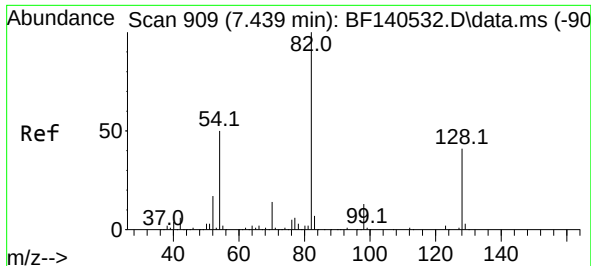
Tgt Ion: 99 Resp: 474218
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

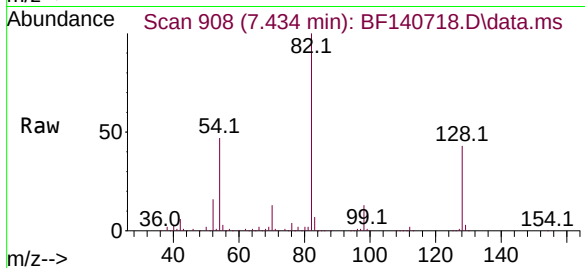
Tgt Ion: 136 Resp: 257244
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.5 4.1 6.1



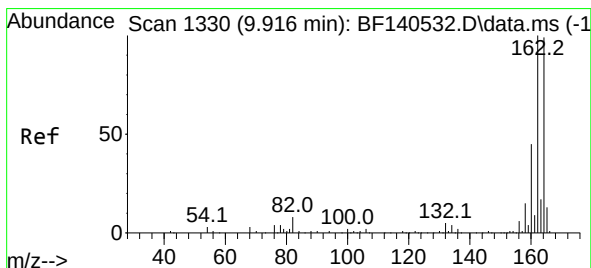
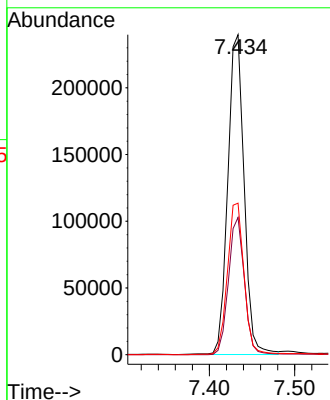
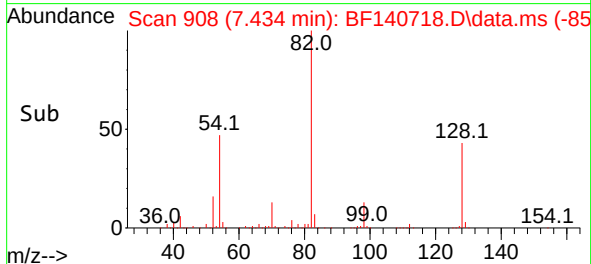


#23
Nitrobenzene-d5
Concen: 63.641 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

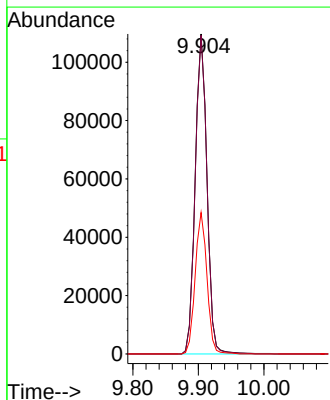
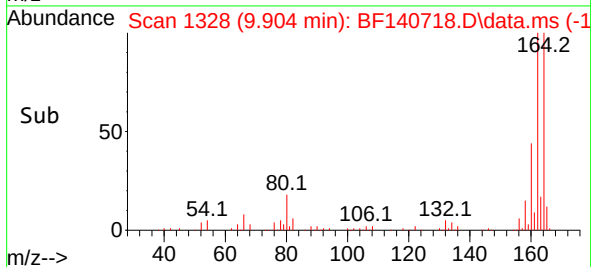
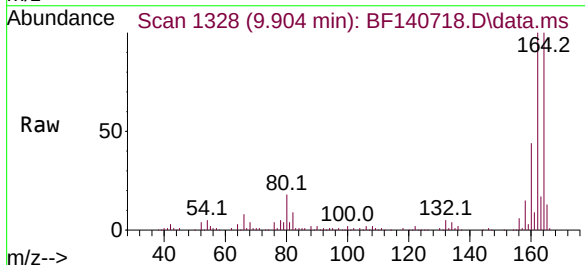


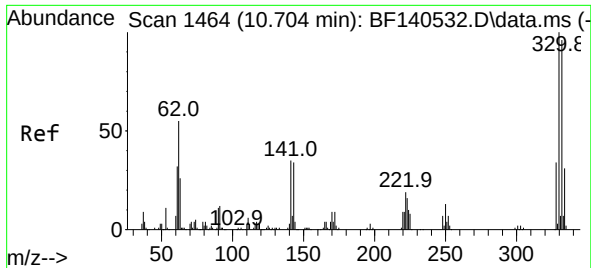
Tgt Ion: 82 Resp: 320064
Ion Ratio Lower Upper
82 100
128 42.9 33.0 49.4
54 47.4 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Tgt Ion: 164 Resp: 137460
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.2 36.2 54.4

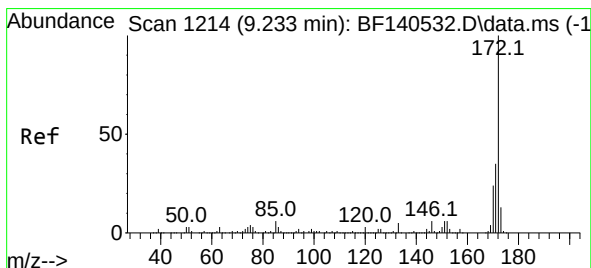
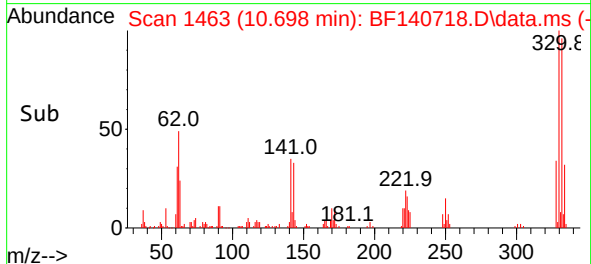
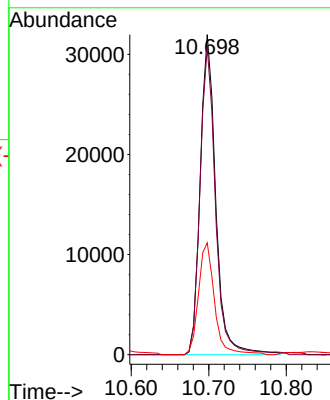
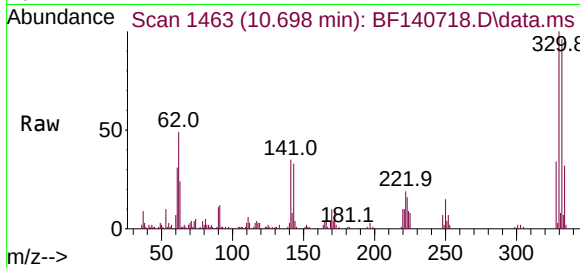




#42
2,4,6-Tribromophenol
Concen: 30.239 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

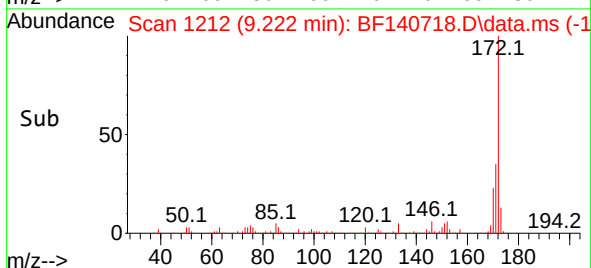
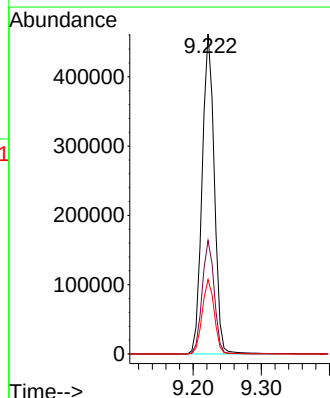
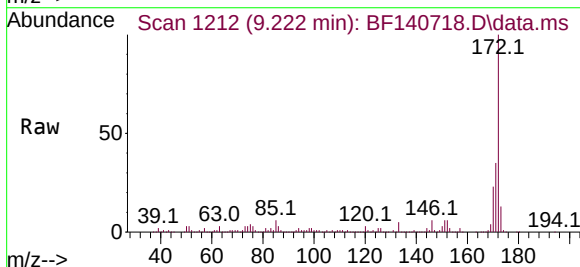
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

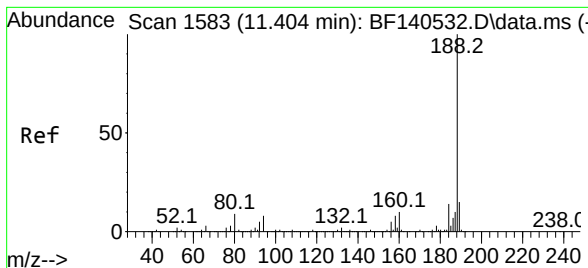
Tgt Ion: 330 Resp: 44455
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 36.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 62.183 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Tgt Ion: 172 Resp: 573688
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6

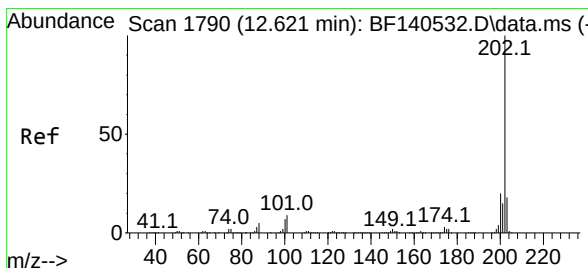
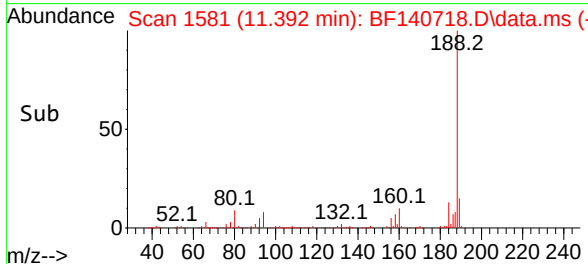
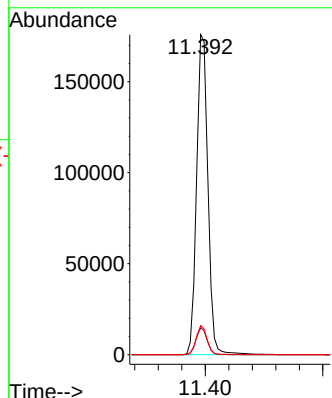
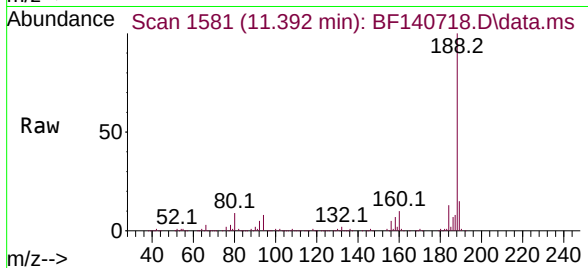




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

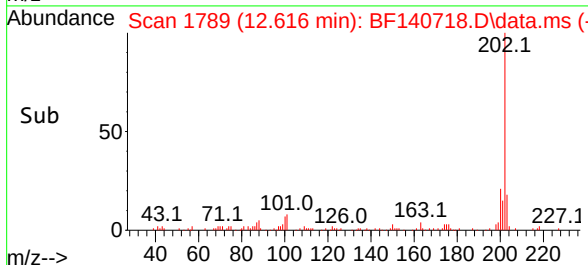
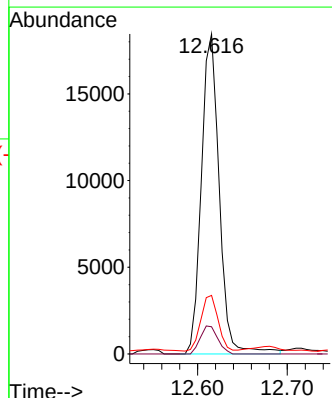
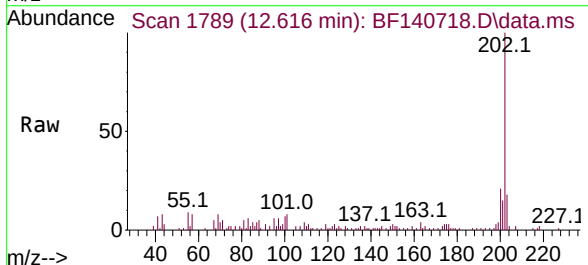
Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

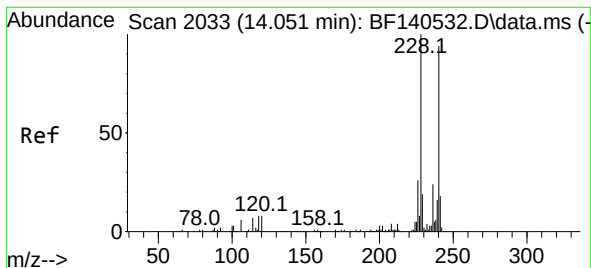
Tgt Ion:188 Resp: 234583
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.1 6.9 10.3



#75
Fluoranthene
Concen: 2.091 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Tgt Ion:202 Resp: 25603
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.3 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140718.D

Acq: 03 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

SOIL-1-HAM

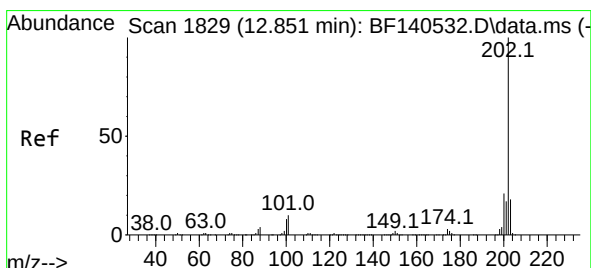
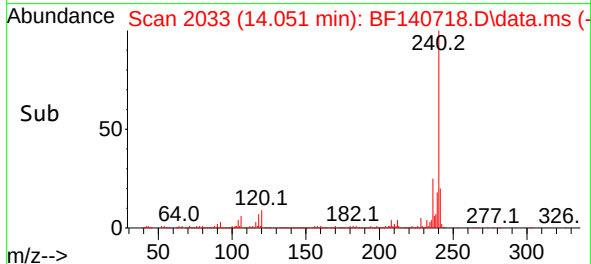
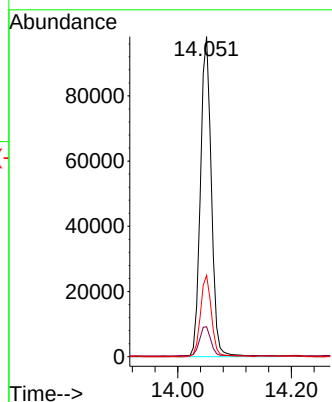
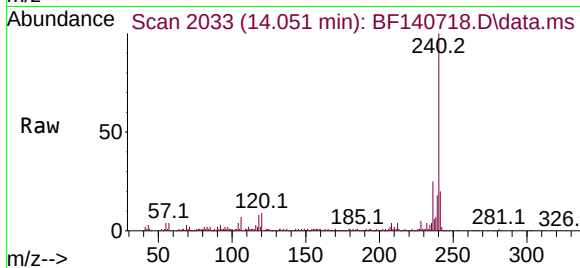
Tgt Ion:240 Resp: 131312

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.4 20.6 31.0



#78

Pyrene

Concen: 2.208 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140718.D

Acq: 03 Dec 2024 18:26

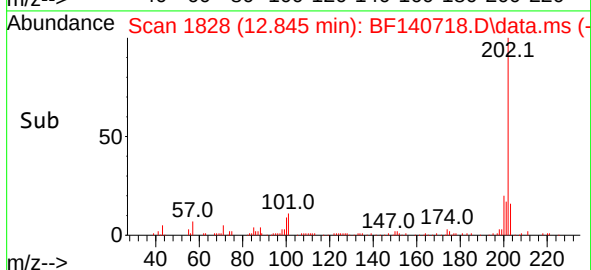
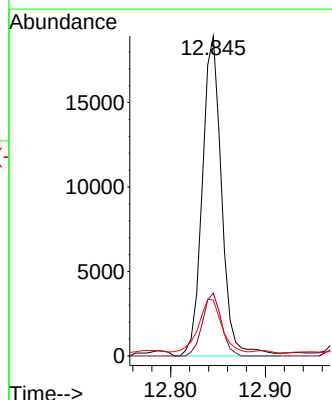
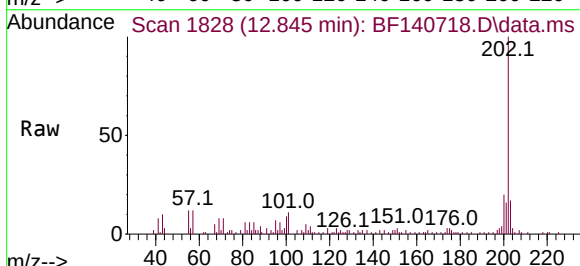
Tgt Ion:202 Resp: 26806

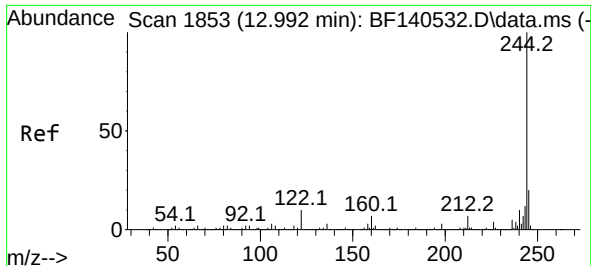
Ion Ratio Lower Upper

202 100

200 19.6 16.5 24.7

203 17.5 14.2 21.4

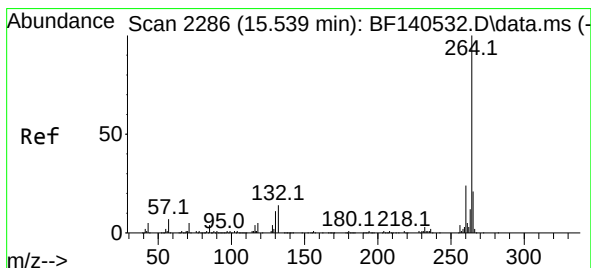
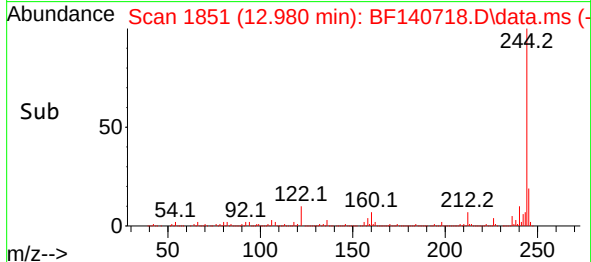
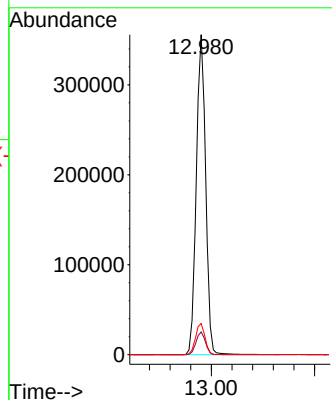
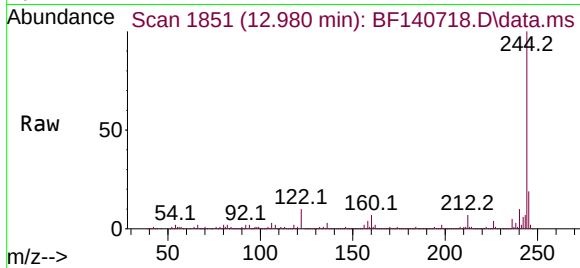




#79
Terphenyl-d14
Concen: 53.074 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAM

Tgt Ion:244 Resp: 447570
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140718.D
Acq: 03 Dec 2024 18:26

Tgt Ion:264 Resp: 155748
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.5 16.6 25.0

