

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140934.D
 Acq On : 19 Dec 2024 18:41
 Operator : RC/JU
 Sample : P5312-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-VNJ-222

Quant Time: Dec 20 00:09:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	47206	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	164775	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	82178	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	124733	20.000	ng	0.00
76) Chrysene-d12	14.027	240	132956	20.000	ng	0.00
86) Perylene-d12	15.521	264	101662	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	212141	73.979	ng	0.00
7) Phenol-d6	6.498	99	298933	78.705	ng	0.00
23) Nitrobenzene-d5	7.410	82	194647	59.101	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	41750	42.956	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	360273	60.274	ng	0.00
79) Terphenyl-d14	12.957	244	364717	43.256	ng	0.00

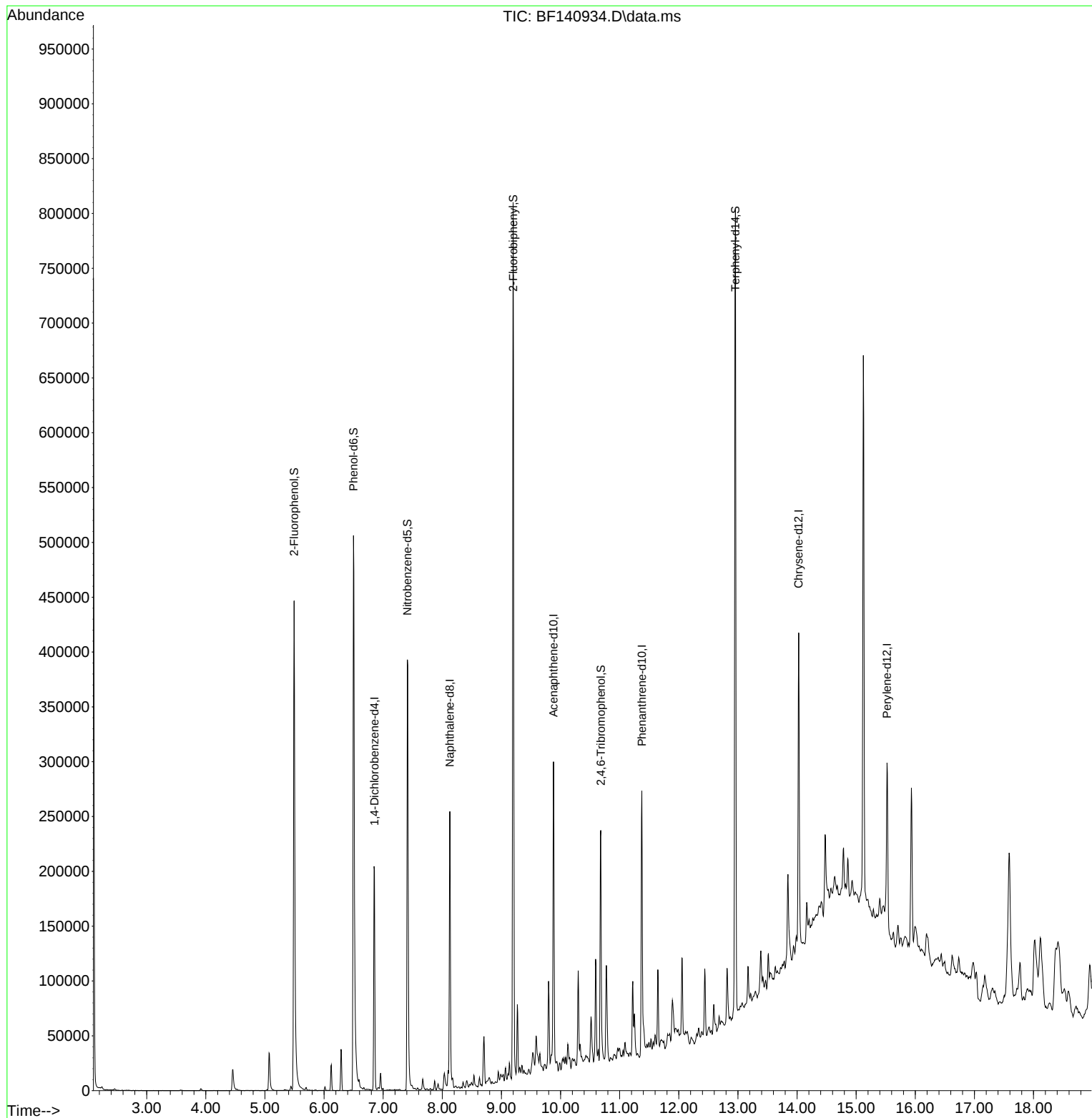
Target Compounds	Qvalue

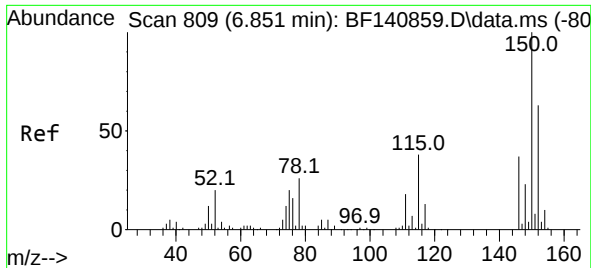
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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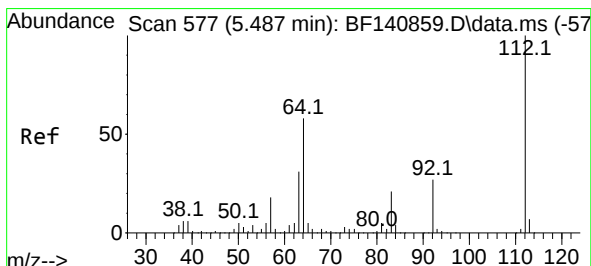
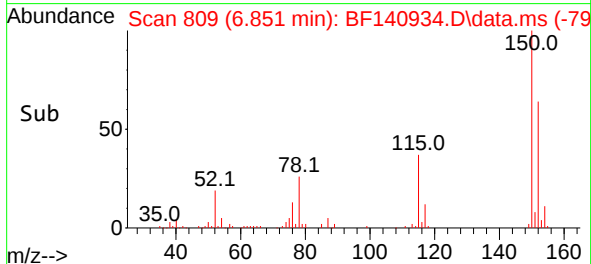
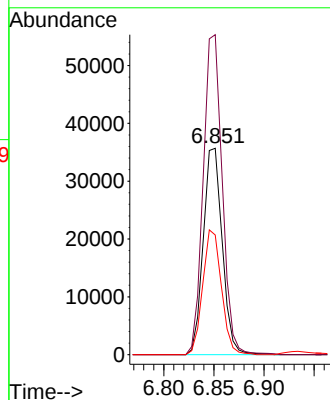
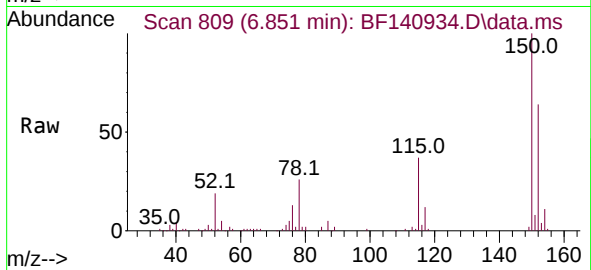




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

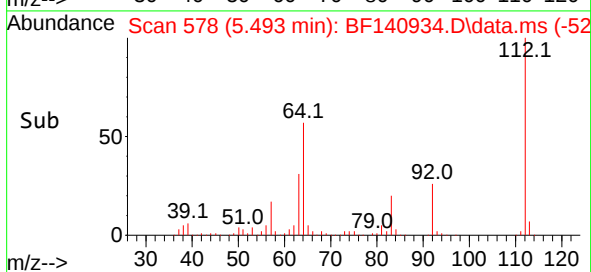
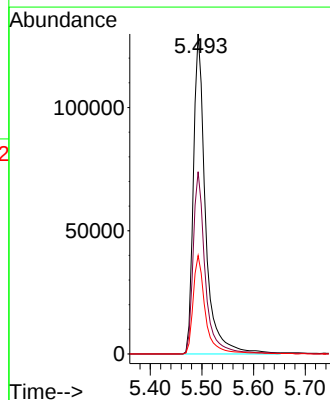
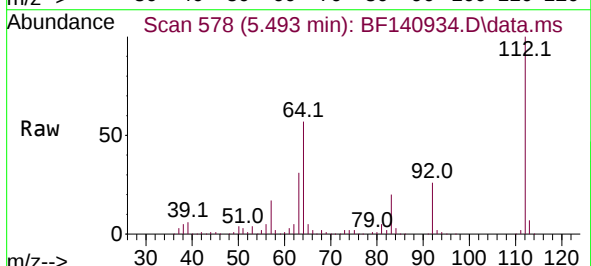
Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

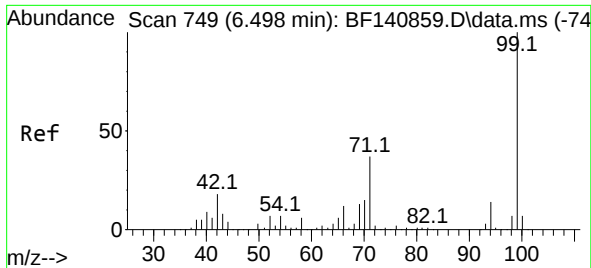
Tgt Ion:152 Resp: 47206
Ion Ratio Lower Upper
152 100
150 155.1 127.9 191.9
115 58.0 48.0 72.0



#5
2-Fluorophenol
Concen: 73.979 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

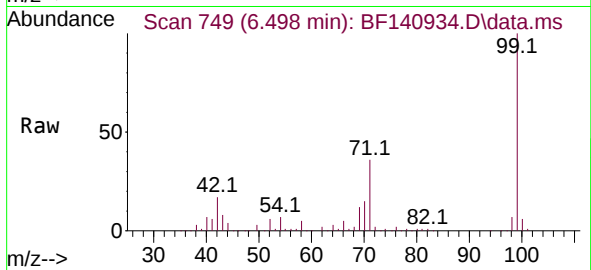
Tgt Ion:112 Resp: 212141
Ion Ratio Lower Upper
112 100
64 57.0 46.1 69.1
63 30.8 24.9 37.3



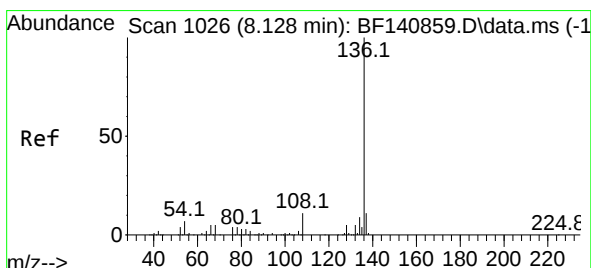
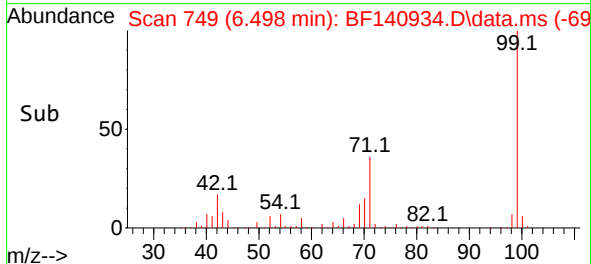
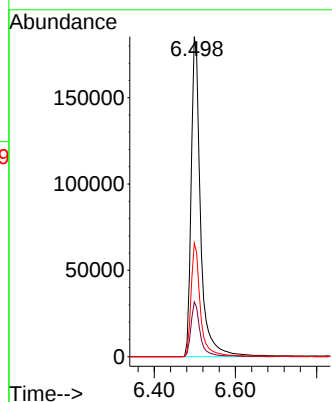


#7
Phenol-d6
Concen: 78.705 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

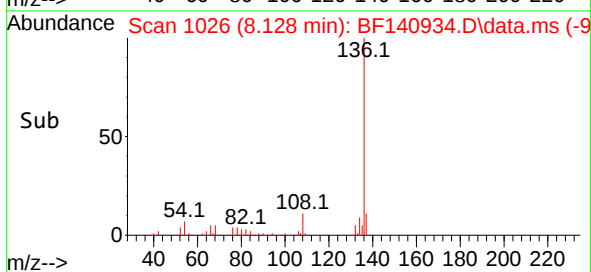
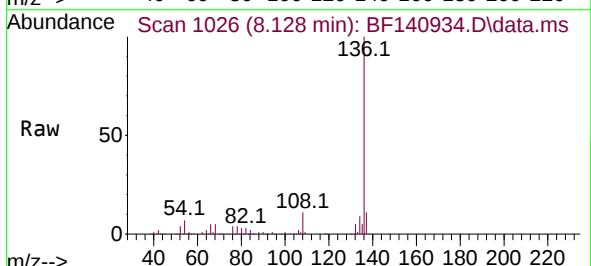
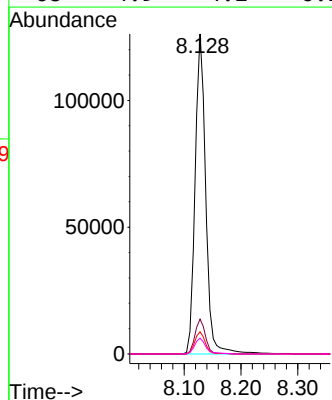


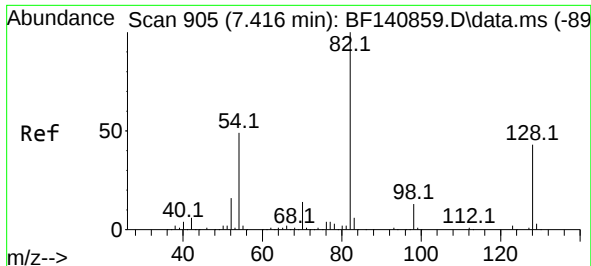
Tgt Ion:	99	Resp:	298933
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.3	21.5
71	35.6	29.9	44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

Tgt Ion:	136	Resp:	164775
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.6	8.4
68	4.9	4.2	6.2

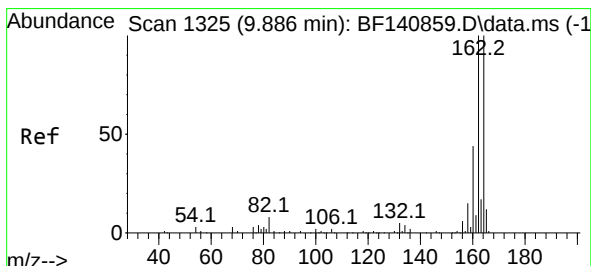
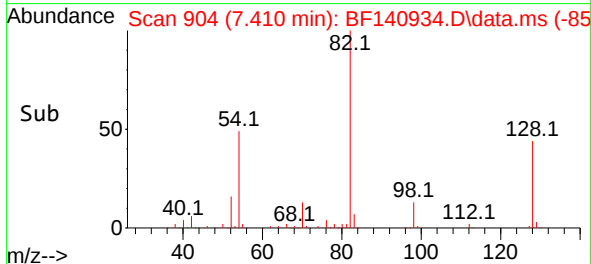
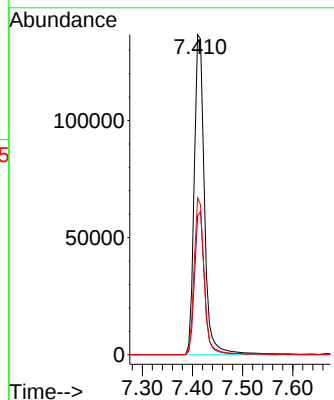
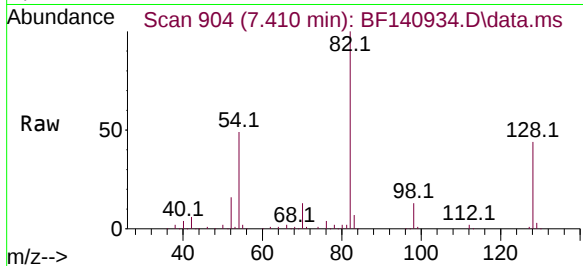




#23
 Nitrobenzene-d5
 Concen: 59.101 ng
 RT: 7.410 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: BF140934.D
 Acq: 19 Dec 2024 18:41

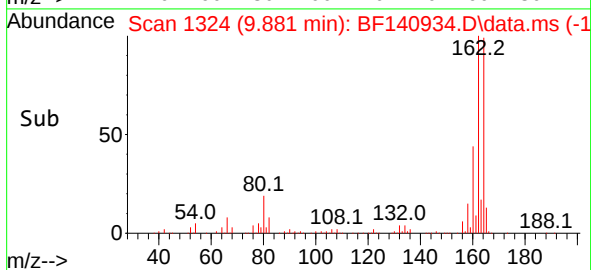
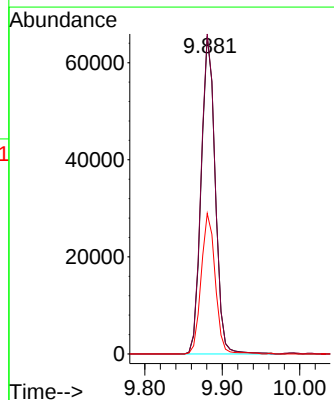
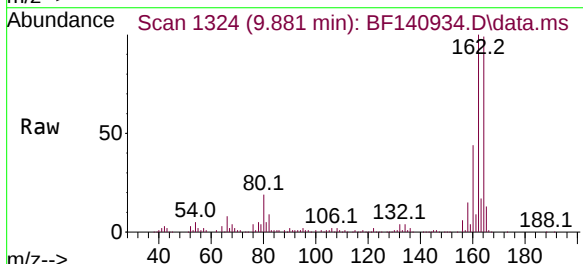
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-VNJ-222

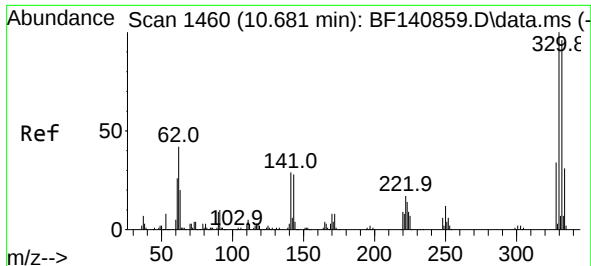
Tgt Ion: 82 Resp: 194647
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.4 51.6
 54 49.0 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF140934.D
 Acq: 19 Dec 2024 18:41

Tgt Ion: 164 Resp: 82178
 Ion Ratio Lower Upper
 164 100
 162 100.7 79.9 119.9
 160 44.2 35.2 52.8

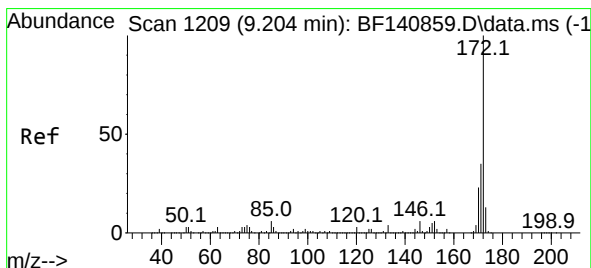
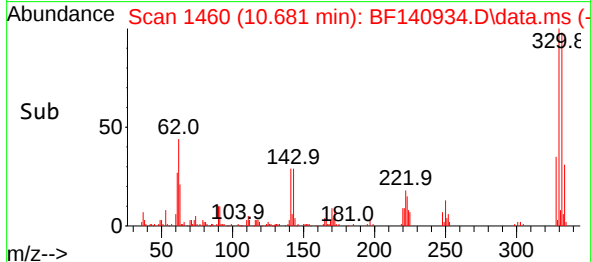
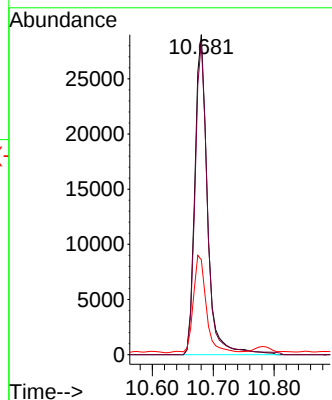
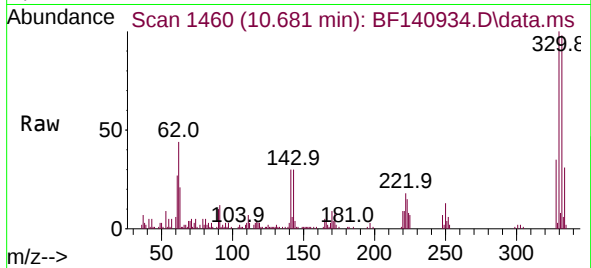




#42
2,4,6-Tribromophenol
Concen: 42.956 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

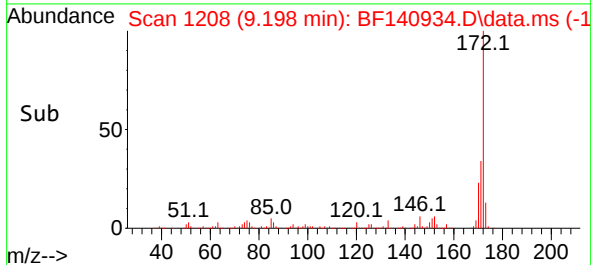
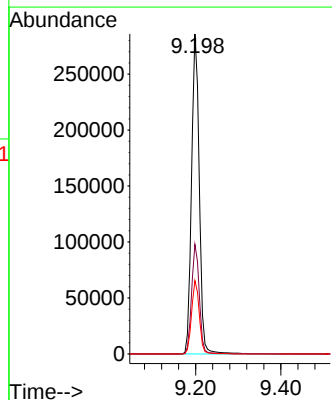
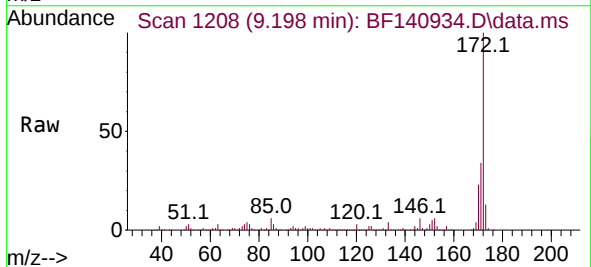
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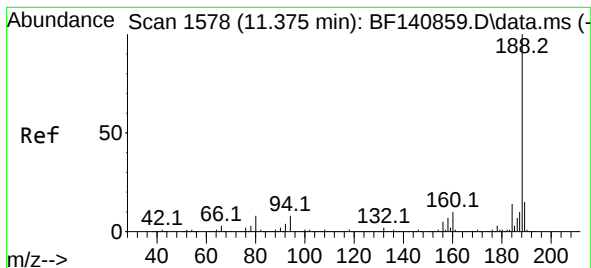
Tgt Ion:330 Resp: 41750
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 31.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 60.274 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140934.D
Acq: 19 Dec 2024 18:41

Tgt Ion:172 Resp: 360273
Ion Ratio Lower Upper
172 100
171 34.2 28.4 42.6
170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140934.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SOIL-VNJ-222

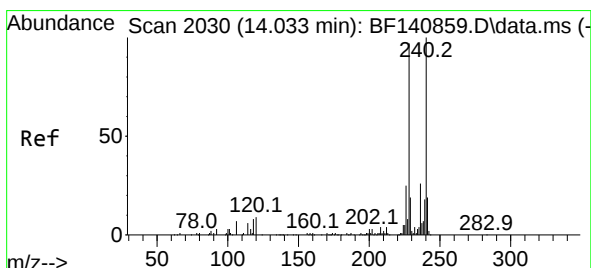
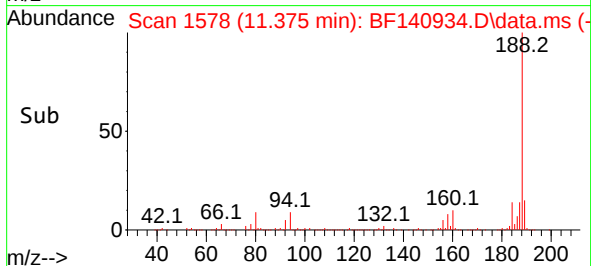
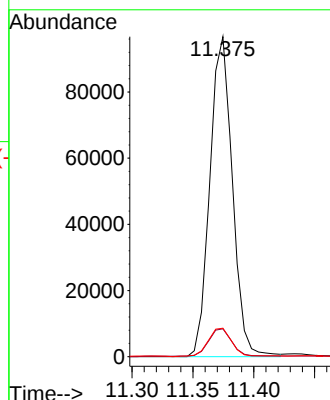
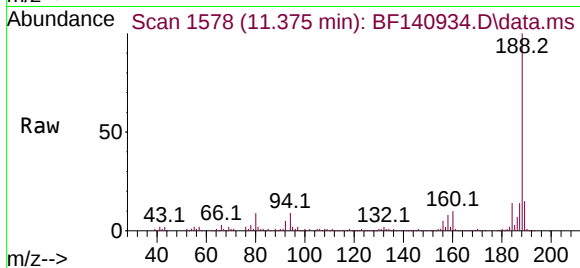
Tgt Ion:188 Resp: 124733

Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 8.9 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140934.D

Acq: 19 Dec 2024 18:41

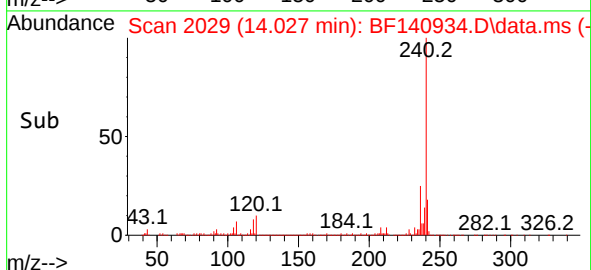
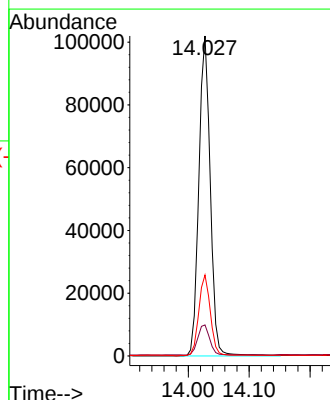
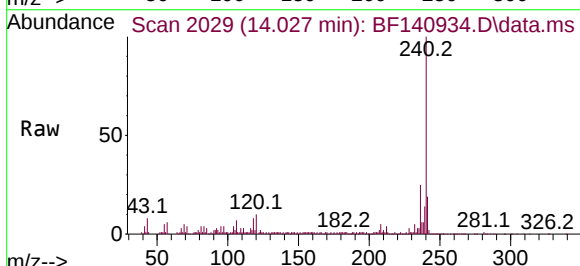
Tgt Ion:240 Resp: 132956

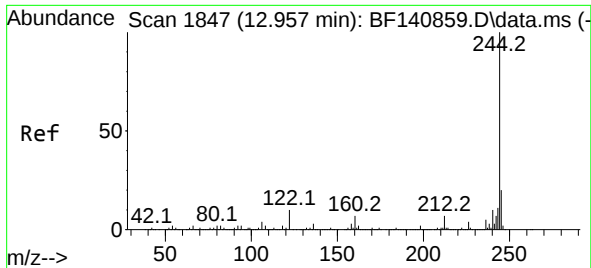
Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

236 25.3 20.5 30.7

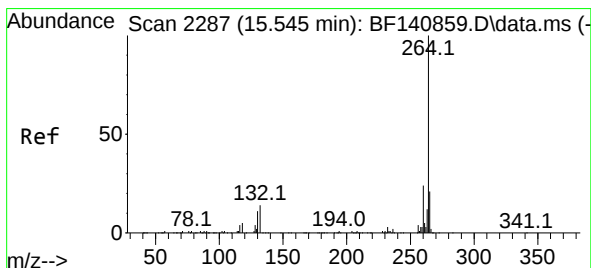
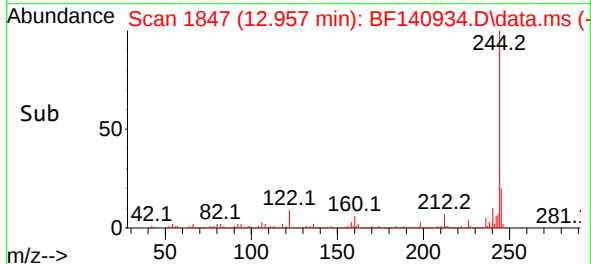
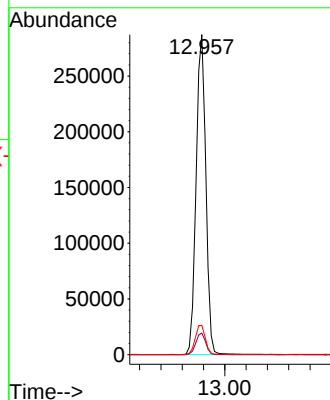
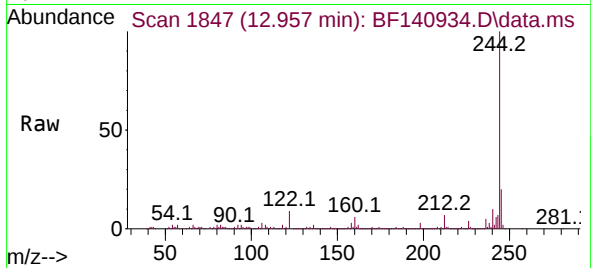




#79
 Terphenyl-d14
 Concen: 43.256 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140934.D
 Acq: 19 Dec 2024 18:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 364717
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.024 min
 Lab File: BF140934.D
 Acq: 19 Dec 2024 18:41

Tgt Ion:264 Resp: 101662
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 17.0 25.4

