

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140584.D
 Acq On : 22 Nov 2024 18:09
 Operator : RC/JU
 Sample : P4822-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Nov 22 22:16:43 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)

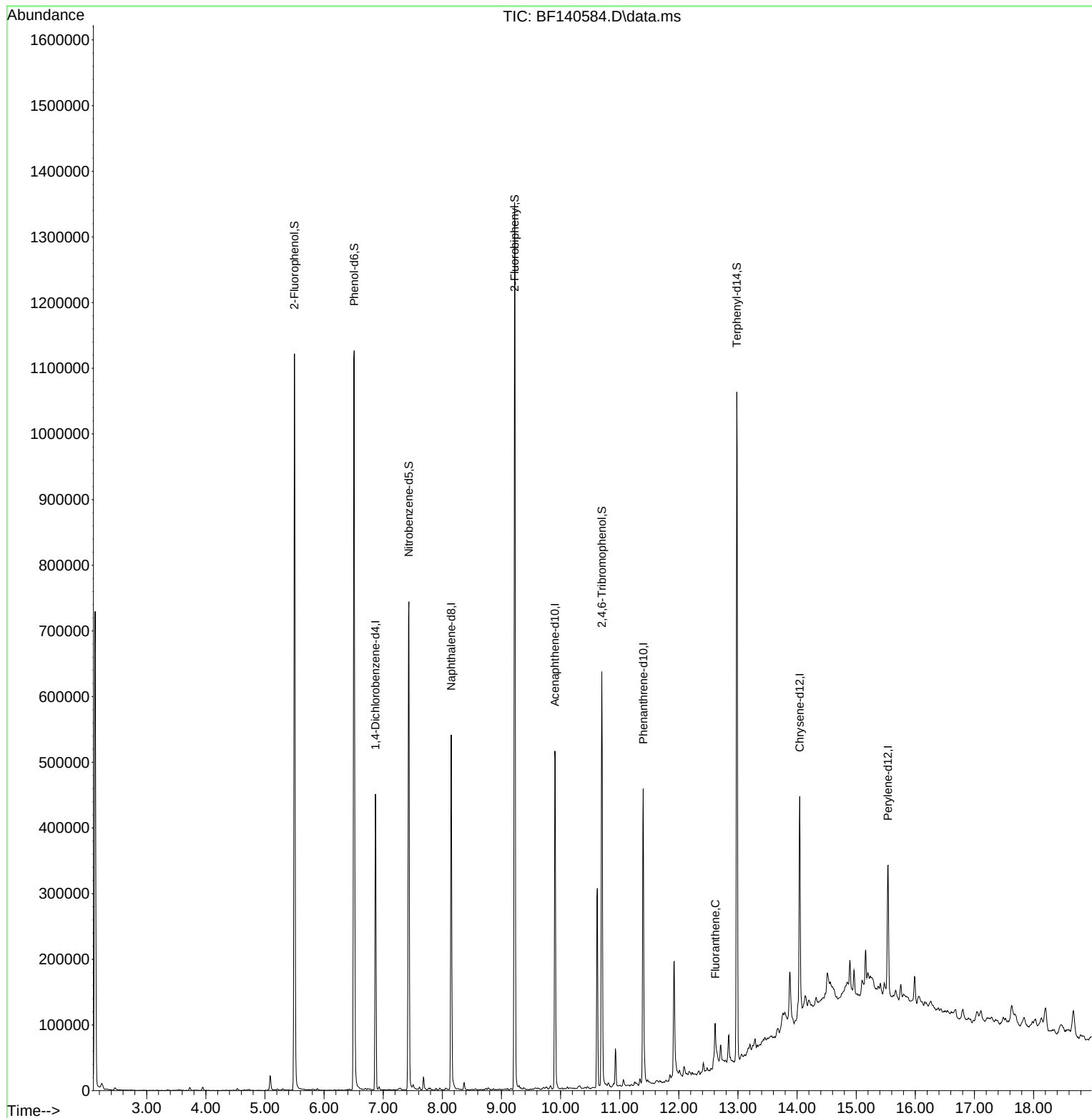
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94553	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	339272	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	155649	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	243666	20.000	ng	0.00
76) Chrysene-d12	14.045	240	157983	20.000	ng	0.00
86) Perylene-d12	15.539	264	117092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419099	75.626	ng	0.00
7) Phenol-d6	6.510	99	549384	74.988	ng	0.00
23) Nitrobenzene-d5	7.433	82	348518	52.544	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	106942	64.242	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	604217	57.838	ng	-0.01
79) Terphenyl-d14	12.980	244	499927	49.274	ng	-0.01
Target Compounds						
75) Fluoranthene	12.615	202	27109	2.132	ng	97

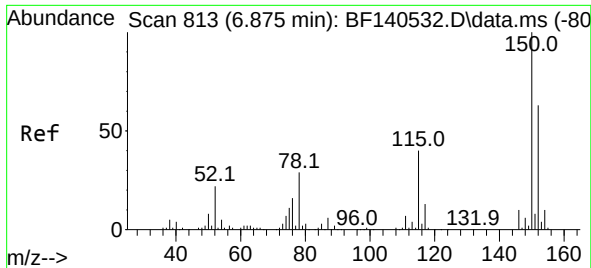
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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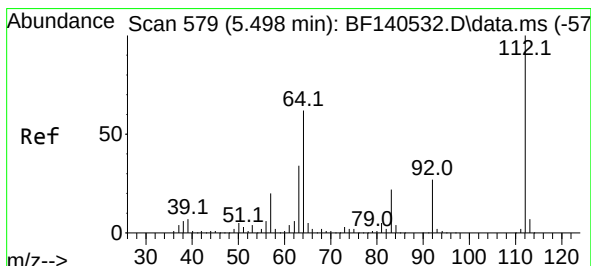
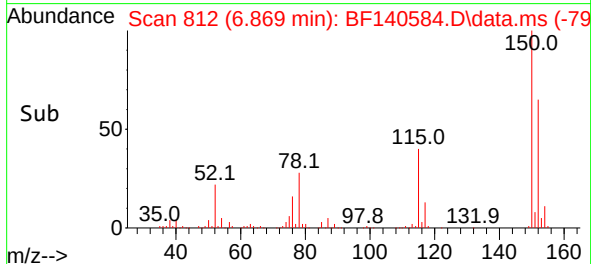
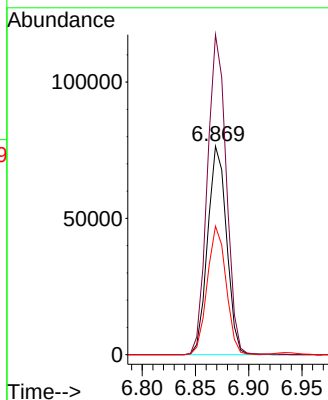
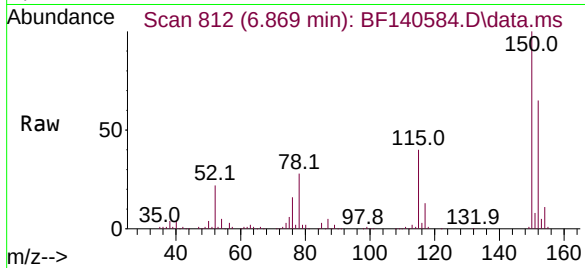




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

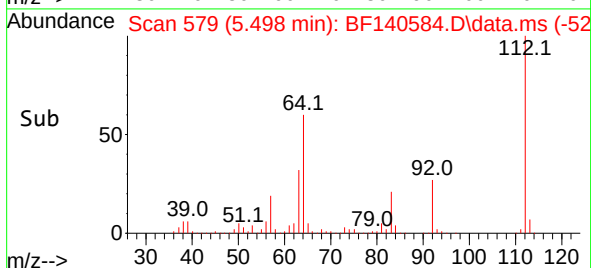
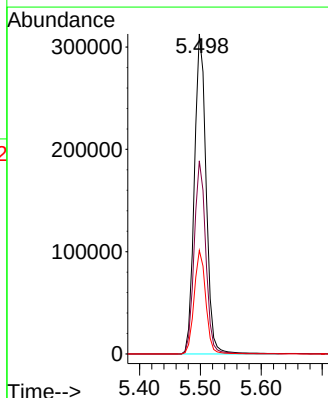
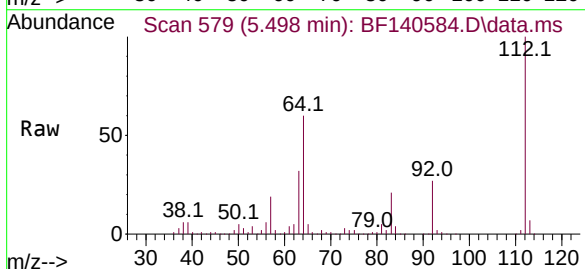
Instrument :
BNA_F
ClientSampleId :
SOIL-2

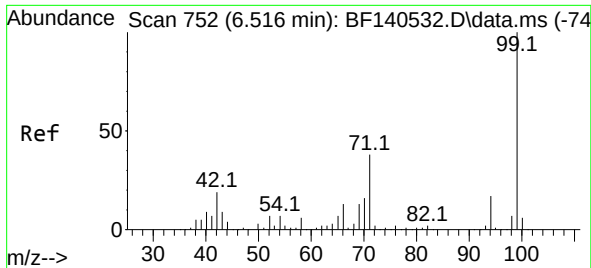
Tgt Ion:152 Resp: 94553
Ion Ratio Lower Upper
152 100
150 153.5 128.5 192.7
115 61.7 50.2 75.4



#5
2-Fluorophenol
Concen: 75.626 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

Tgt Ion:112 Resp: 419099
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 32.4 27.0 40.4

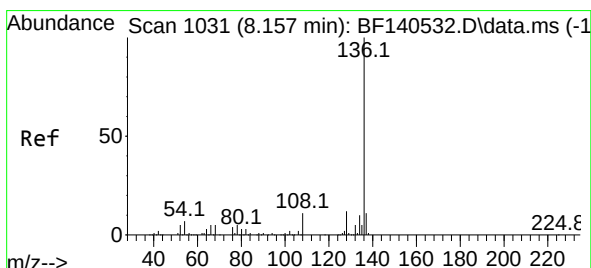
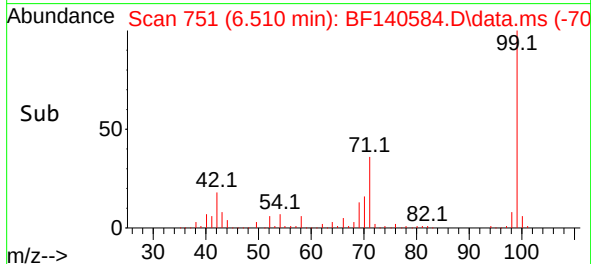
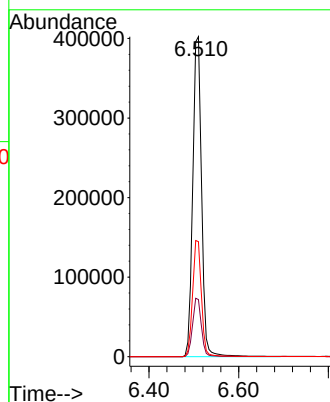
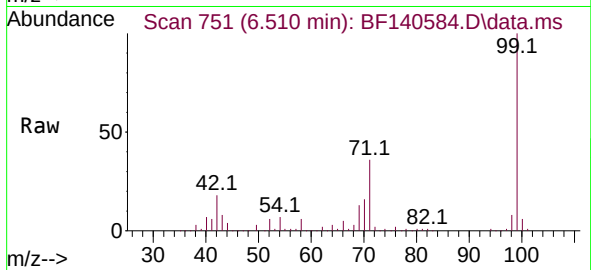




#7
Phenol-d6
Concen: 74.988 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

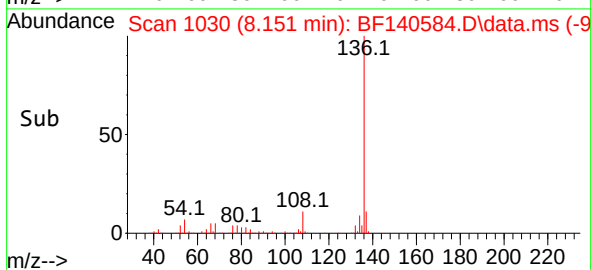
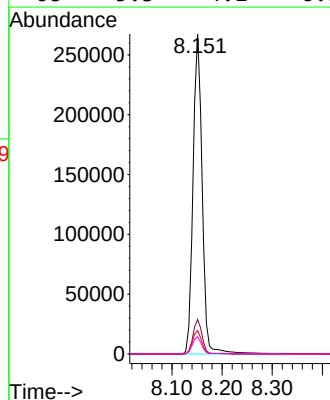
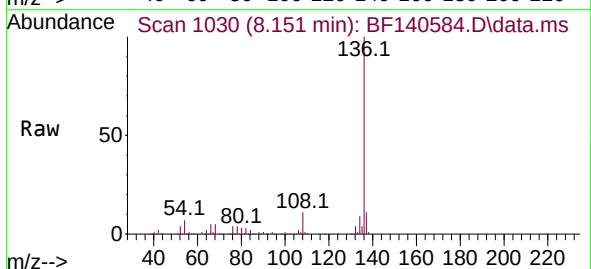
Instrument :
BNA_F
ClientSampleId :
SOIL-2

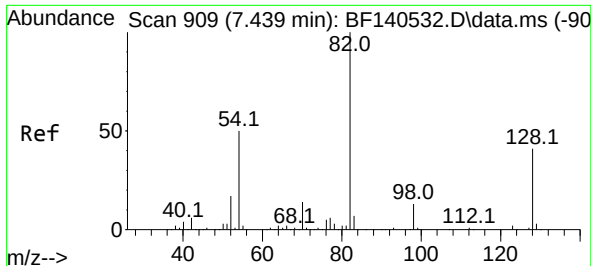
Tgt Ion: 99 Resp: 549384
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

Tgt Ion: 136 Resp: 339272
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 5.8 8.8
68 5.3 4.1 6.1

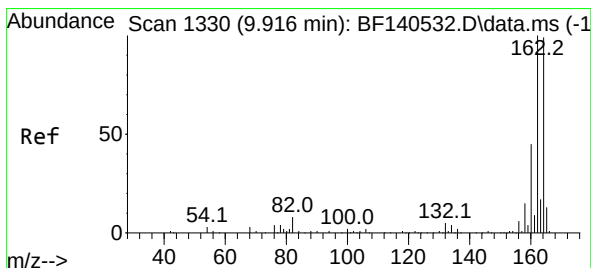
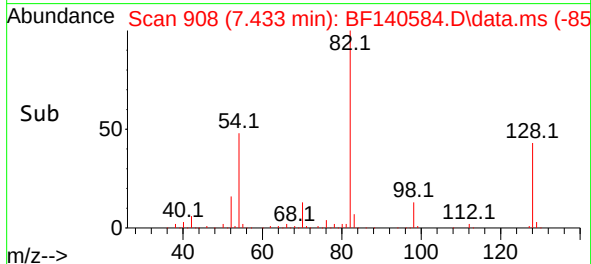
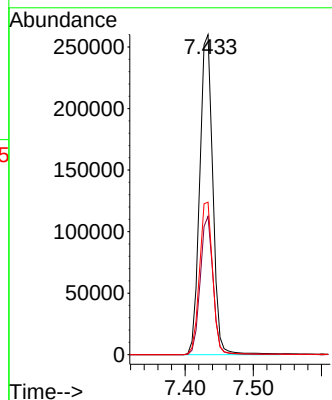
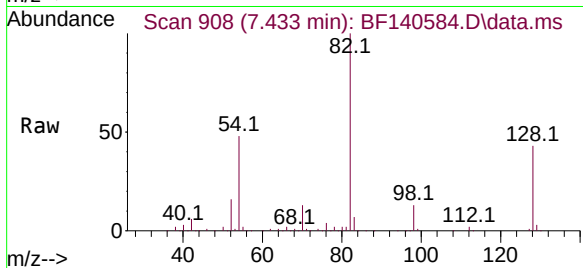




#23
Nitrobenzene-d5
Concen: 52.544 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

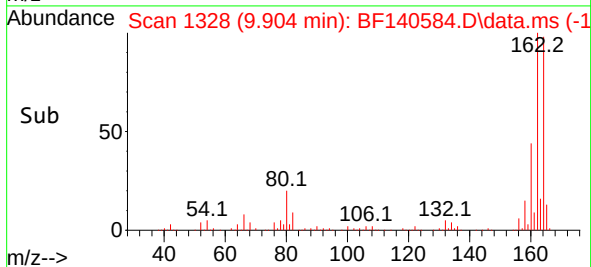
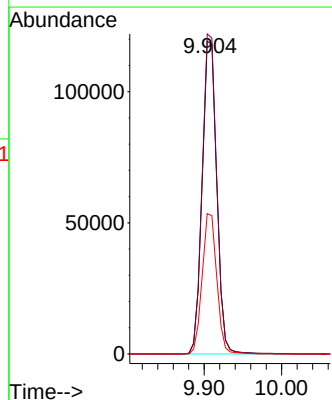
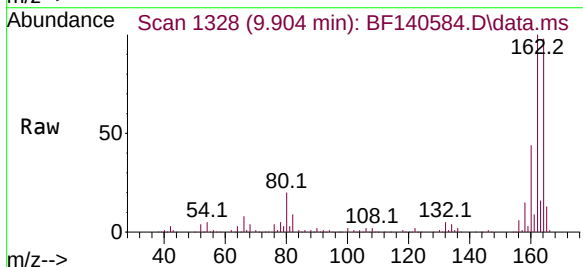
Instrument :
BNA_F
ClientSampleId :
SOIL-2

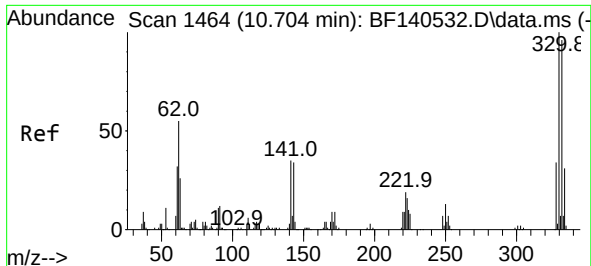
Tgt Ion: 82 Resp: 348518
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 47.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

Tgt Ion:164 Resp: 155649
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.8 36.2 54.4

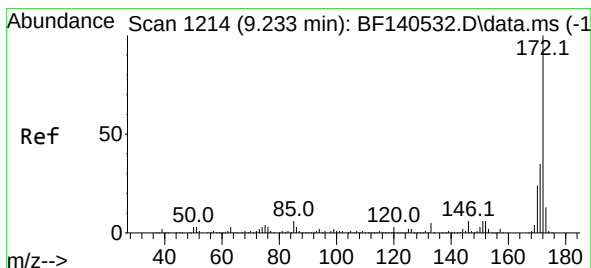
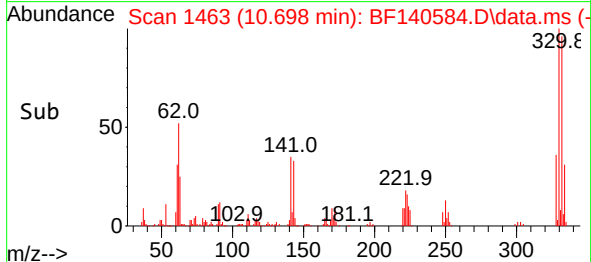
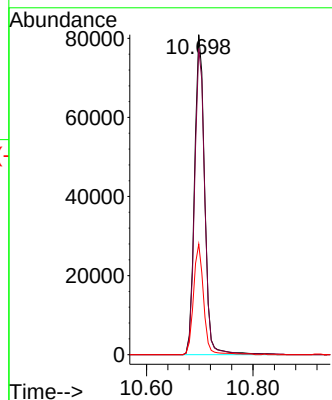
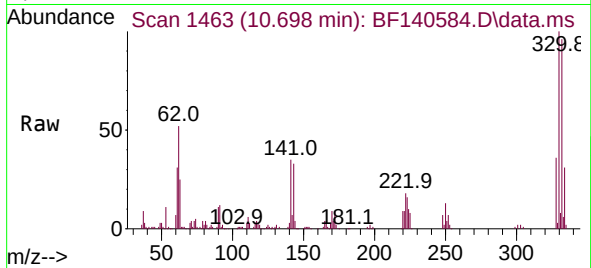




#42
2,4,6-Tribromophenol
Concen: 64.242 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

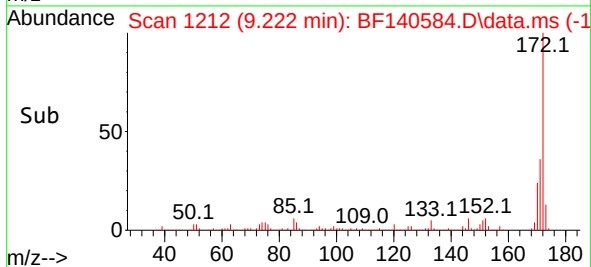
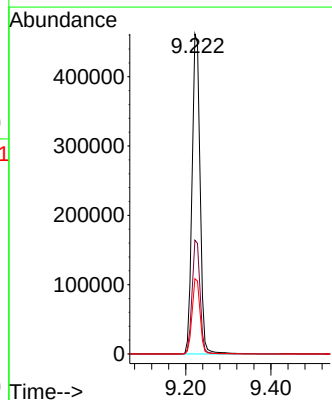
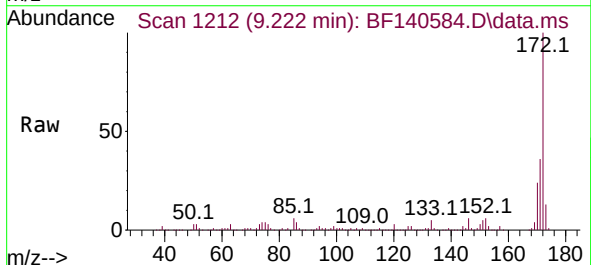
Instrument :
BNA_F
ClientSampleId :
SOIL-2

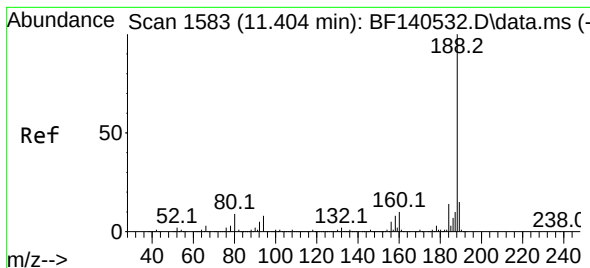
Tgt Ion:330 Resp: 106942
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 34.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 57.838 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140584.D
Acq: 22 Nov 2024 18:09

Tgt Ion:172 Resp: 604217
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140584.D

Acq: 22 Nov 2024 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-2

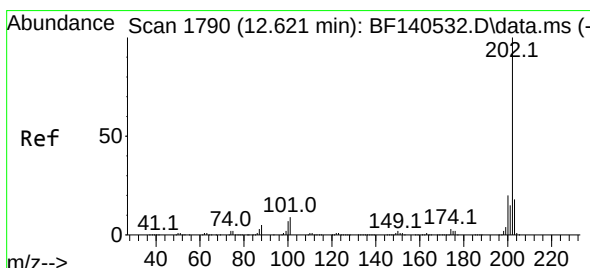
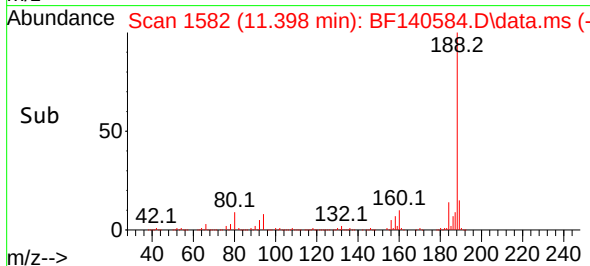
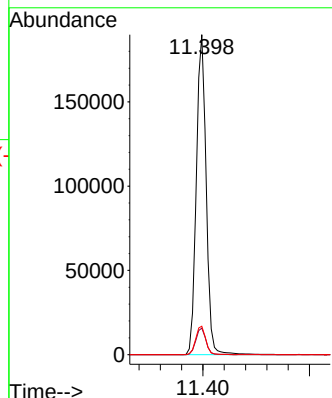
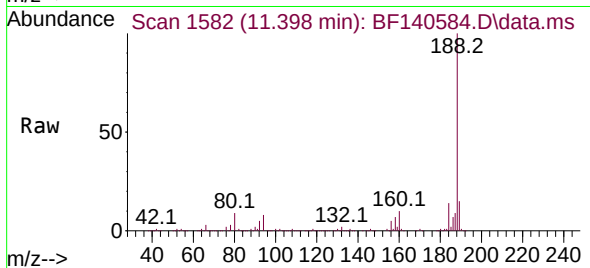
Tgt Ion:188 Resp: 243666

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.9 6.9 10.3



#75

Fluoranthene

Concen: 2.132 ng

RT: 12.615 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140584.D

Acq: 22 Nov 2024 18:09

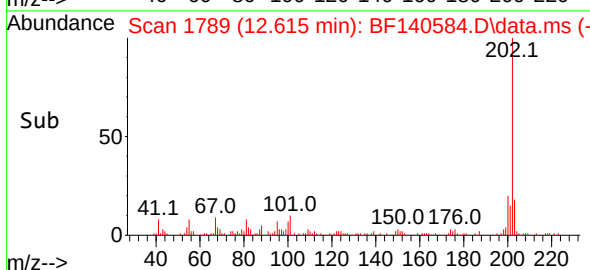
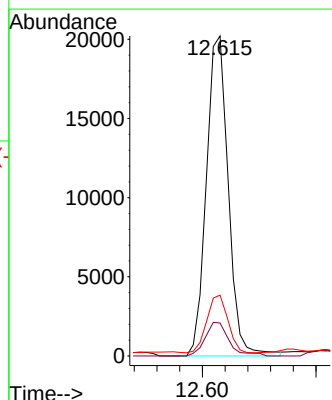
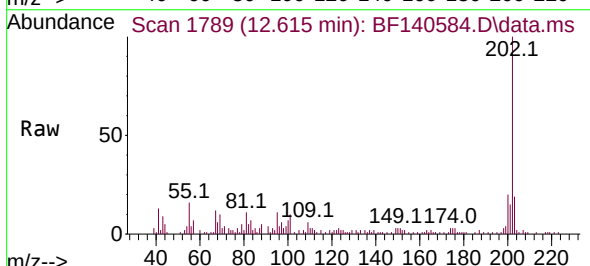
Tgt Ion:202 Resp: 27109

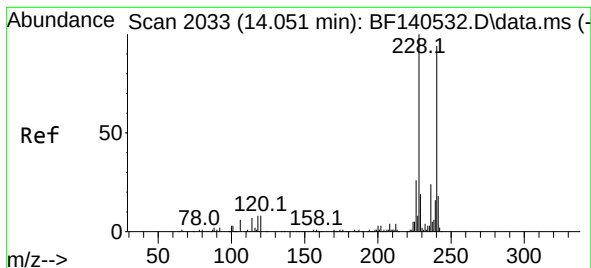
Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.9

203 19.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140584.D

Acq: 22 Nov 2024 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-2

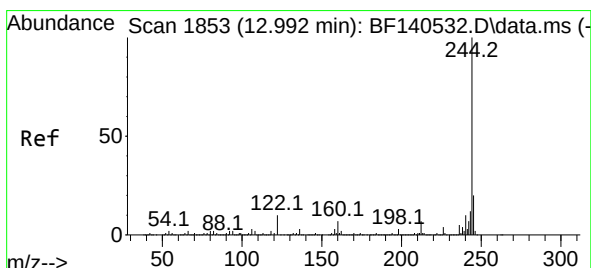
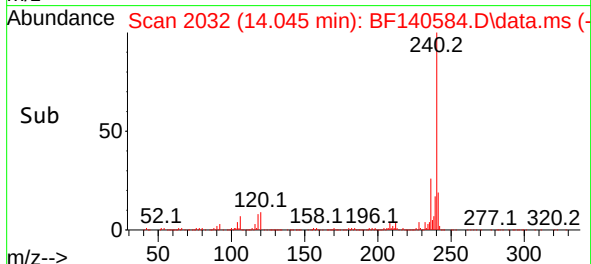
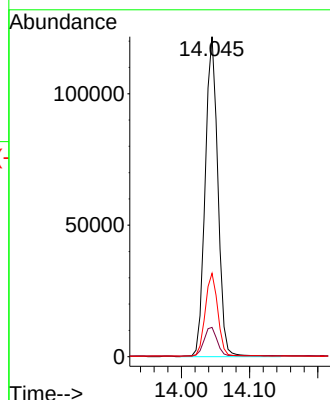
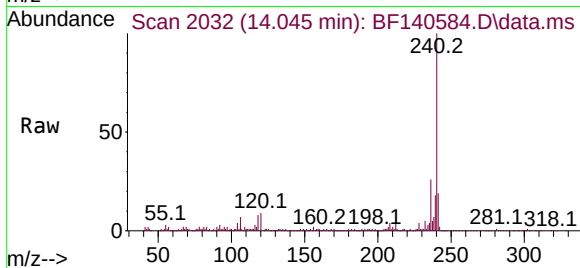
Tgt Ion:240 Resp: 157983

Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 49.274 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140584.D

Acq: 22 Nov 2024 18:09

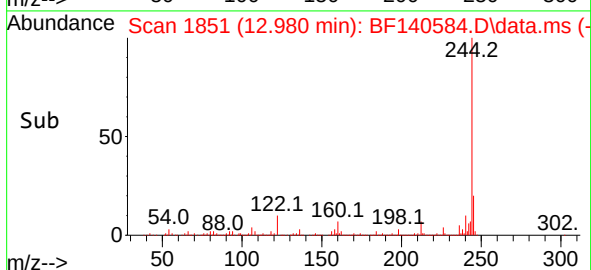
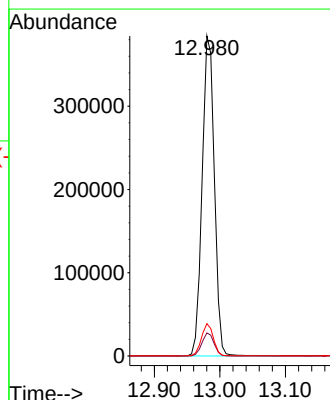
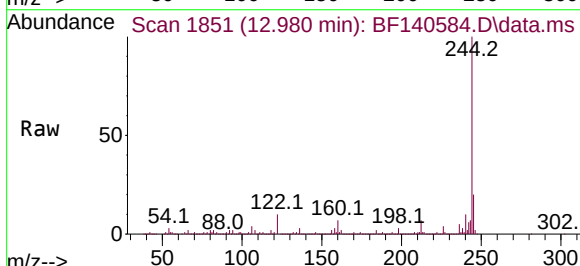
Tgt Ion:244 Resp: 499927

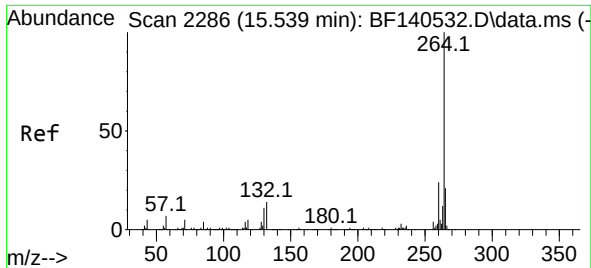
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140584.D
 Acq: 22 Nov 2024 18:09

Instrument :
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Tgt Ion:264 Resp: 117092
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.1 16.6 25.0

