

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140194.D
Acq On : 31 Oct 2024 17:28
Operator : RC/JU
Sample : P4617-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Quant Time: Nov 01 01:14:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	103025	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	388824	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	193333	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	303890	20.000	ng	0.00
76) Chrysene-d12	14.068	240	182168	20.000	ng	0.02
86) Perylene-d12	15.580	264	140713	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	887364	134.837	ng	0.02
7) Phenol-d6	6.510	99	1037007	121.665	ng	0.00
23) Nitrobenzene-d5	7.445	82	822740	117.275	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	294828	163.035	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1327905	113.515	ng	0.00
79) Terphenyl-d14	13.010	244	1279153	114.419	ng	0.01

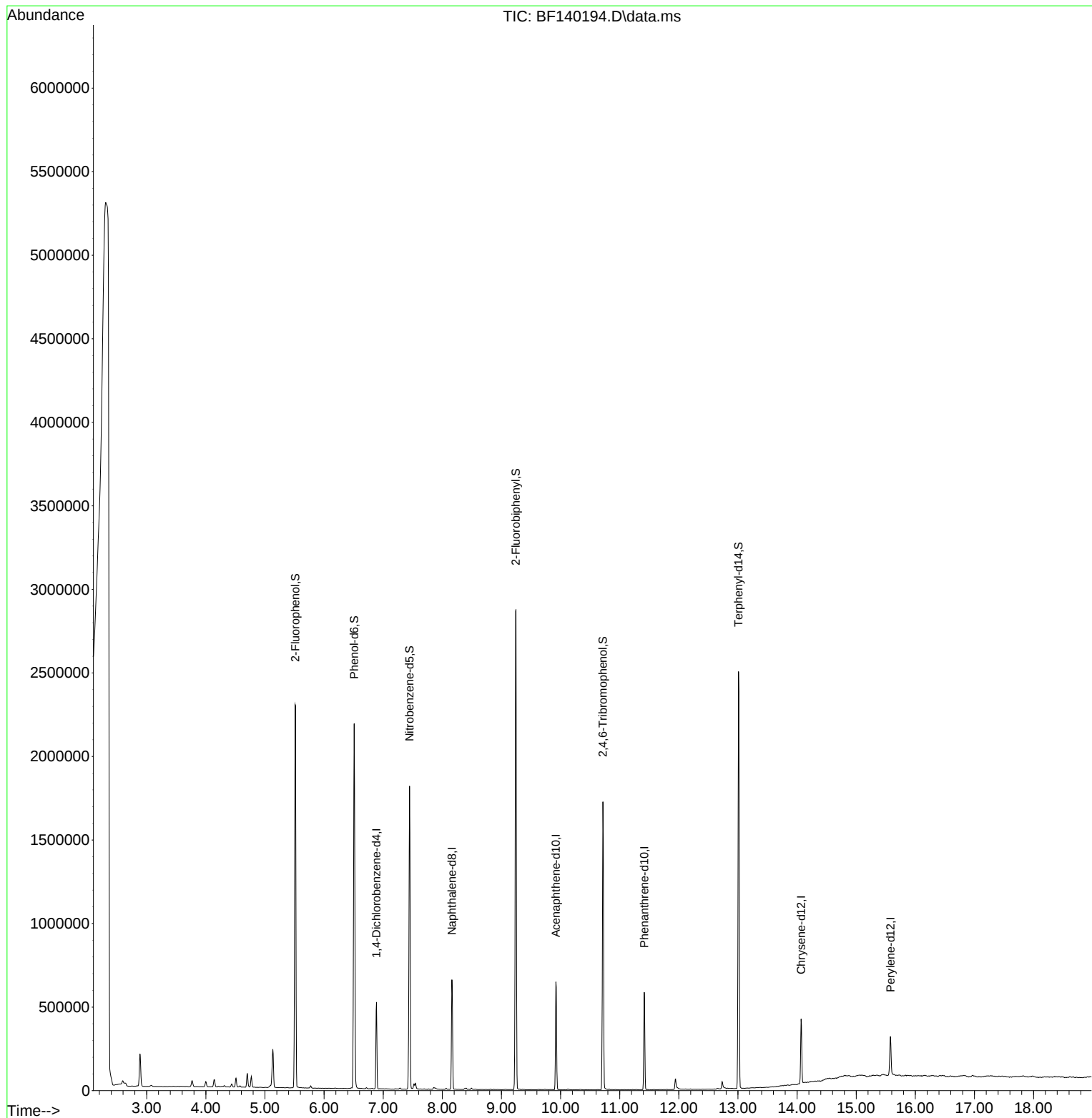
Target Compounds	Qvalue

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

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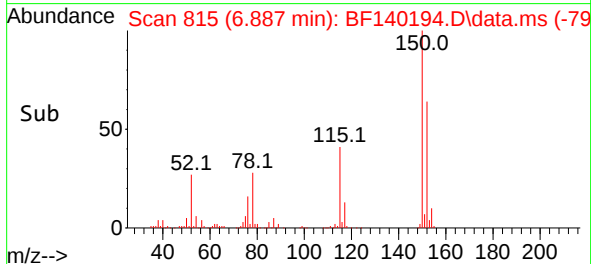
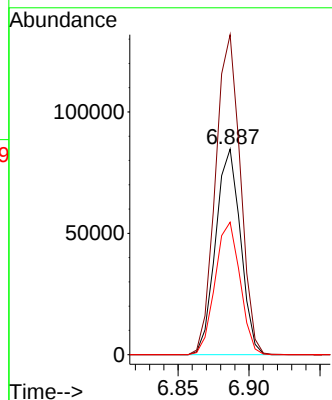
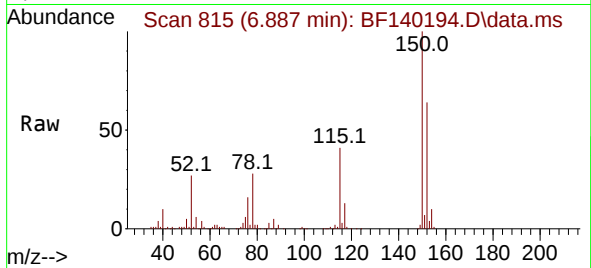




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

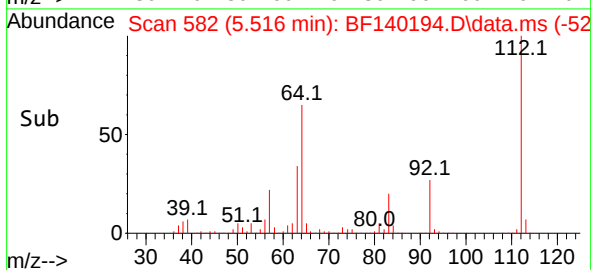
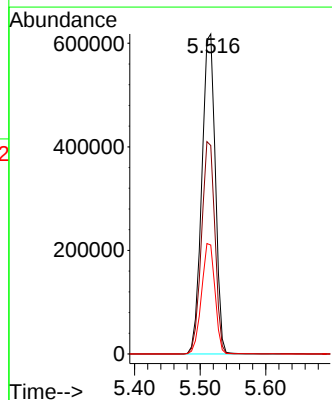
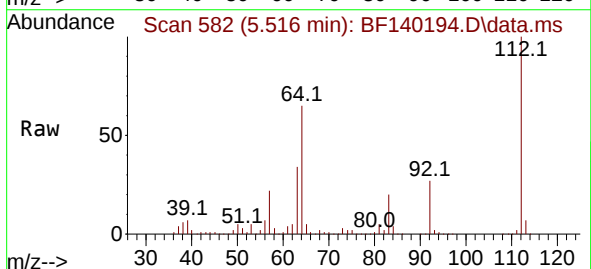
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tgt Ion:152 Resp: 103025
Ion Ratio Lower Upper
152 100
150 155.7 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 134.837 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

Tgt Ion:112 Resp: 887364
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.0 27.0 40.4

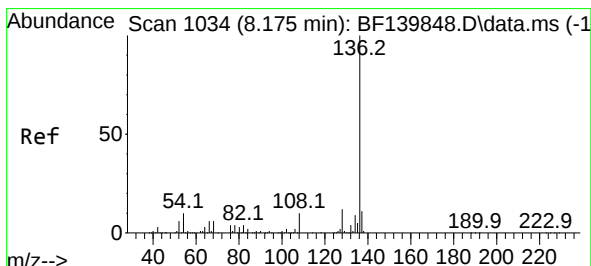
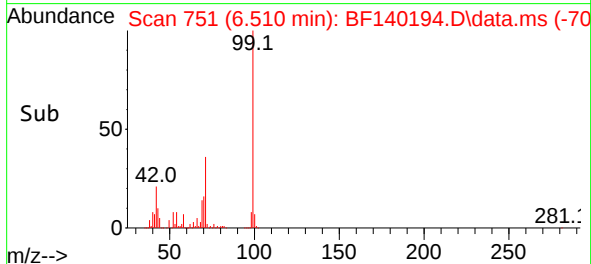
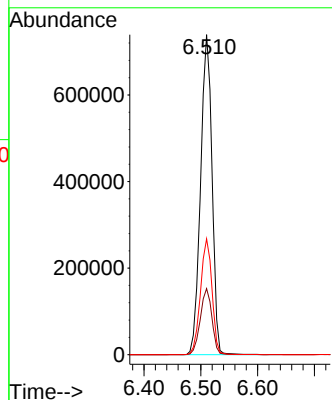
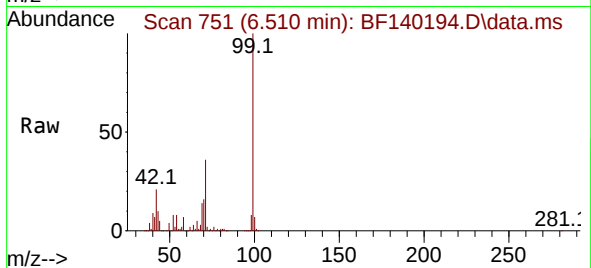




#7
Phenol-d6
Concen: 121.665 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

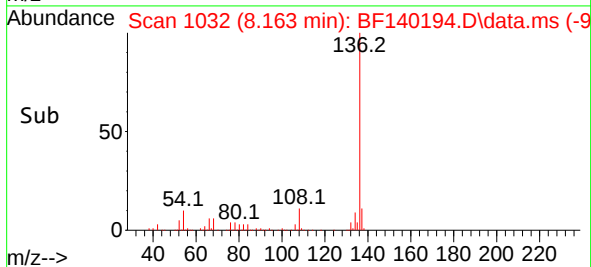
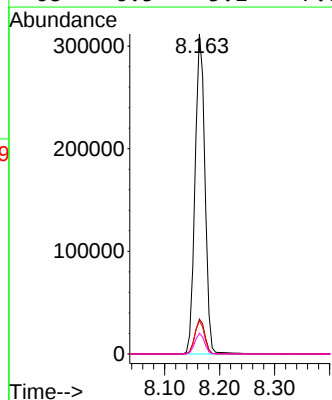
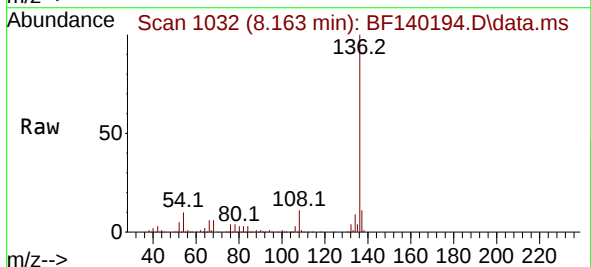
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tgt Ion: 99 Resp: 1037007
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

Tgt Ion: 136 Resp: 388824
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.4 8.4 12.6
68 6.5 5.1 7.7

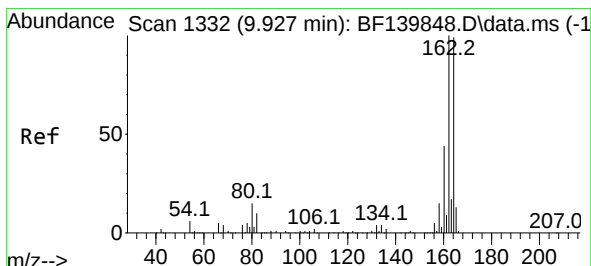
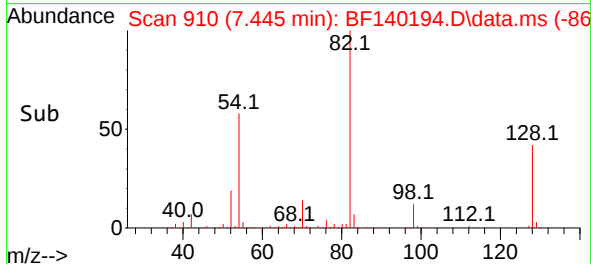
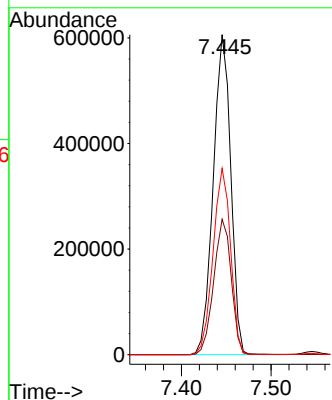
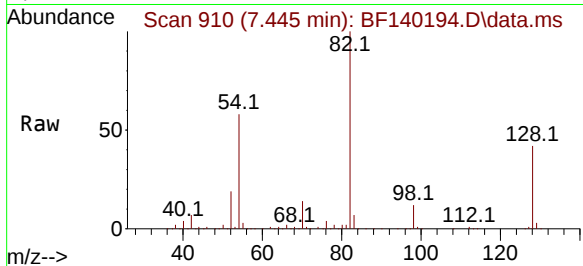




#23
 Nitrobenzene-d5
 Concen: 117.275 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140194.D
 Acq: 31 Oct 2024 17:28

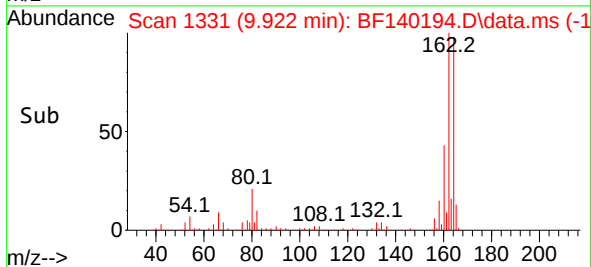
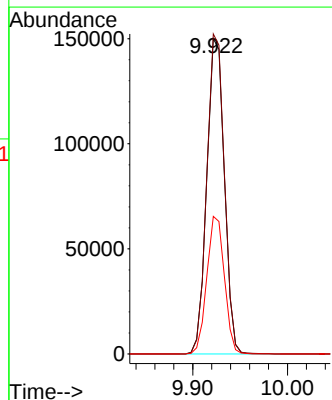
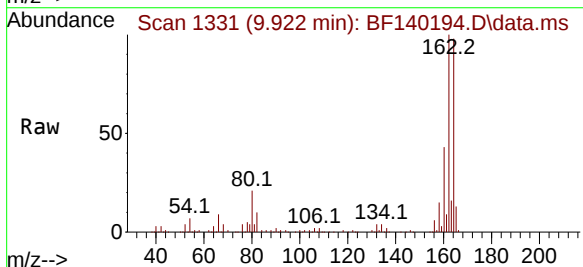
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion: 82 Resp: 822740
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 58.2 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140194.D
 Acq: 31 Oct 2024 17:28

Tgt Ion:164 Resp: 193333
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.0 121.4
 160 43.7 35.4 53.0

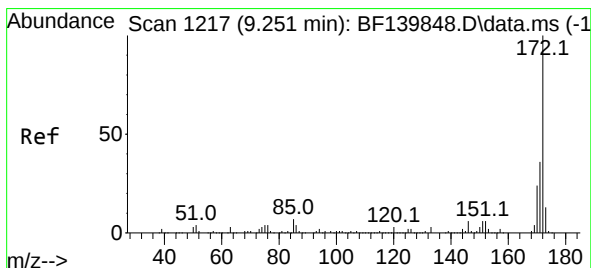
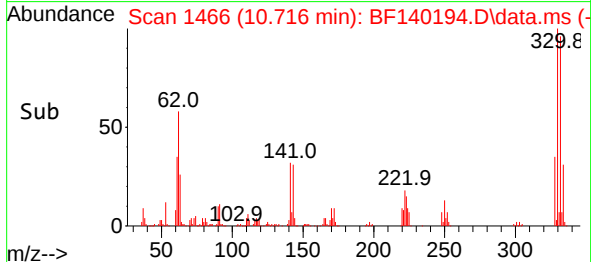
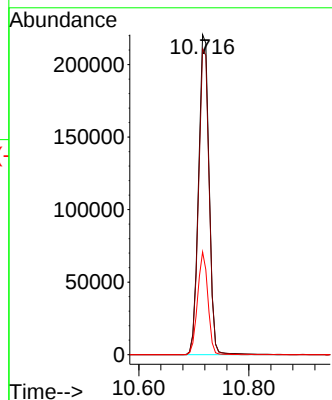
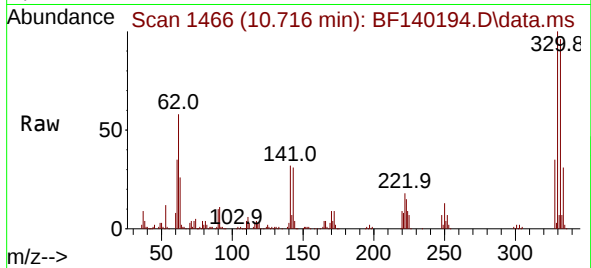




#42
2,4,6-Tribromophenol
Concen: 163.035 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

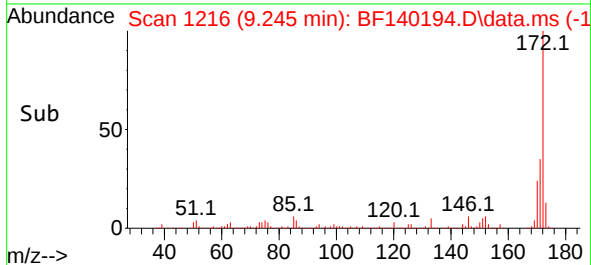
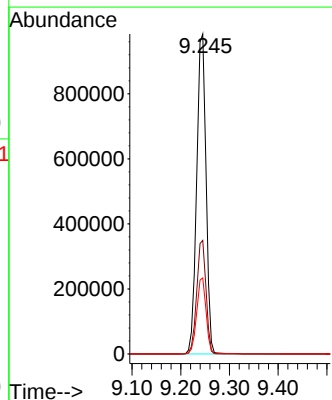
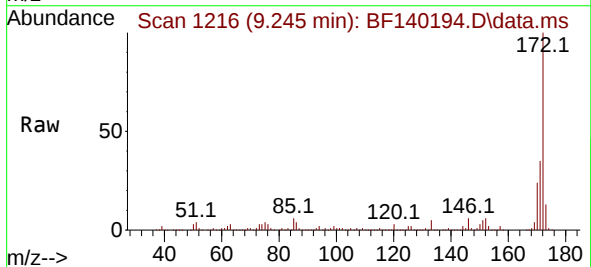
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

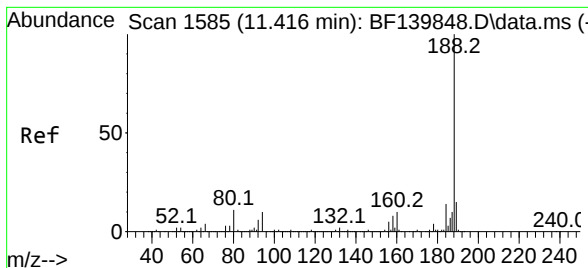
Tgt Ion:330 Resp: 294828
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 31.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 113.515 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140194.D
Acq: 31 Oct 2024 17:28

Tgt Ion:172 Resp: 1327905
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140194.D

Acq: 31 Oct 2024 17:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

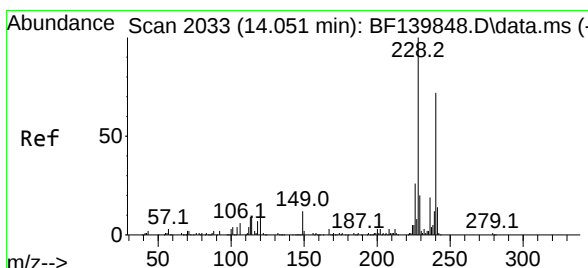
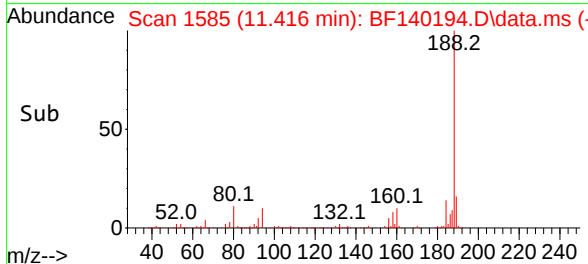
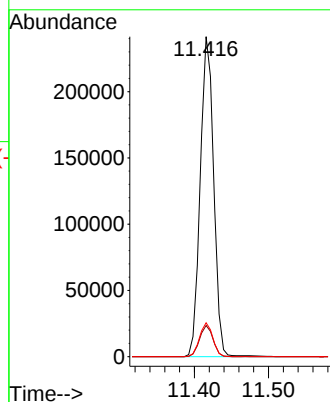
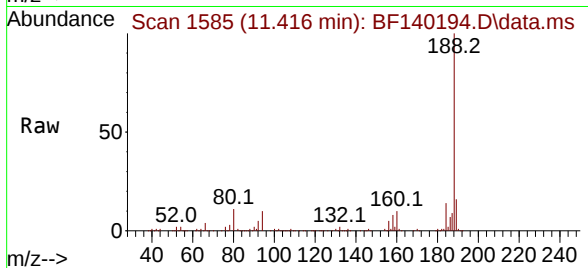
Tgt Ion:188 Resp: 303890

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140194.D

Acq: 31 Oct 2024 17:28

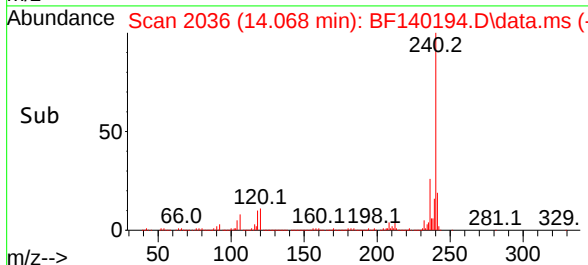
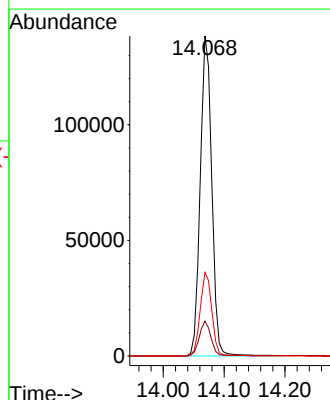
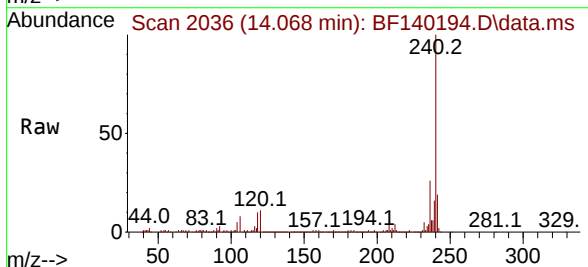
Tgt Ion:240 Resp: 182168

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.1 20.9 31.3

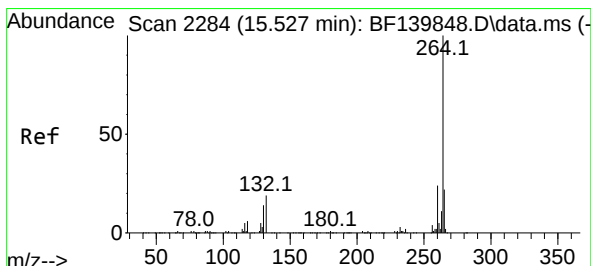
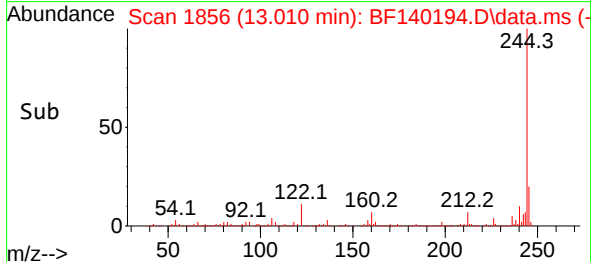
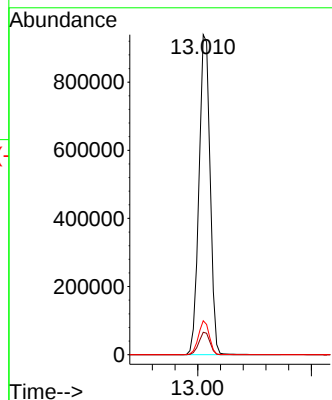
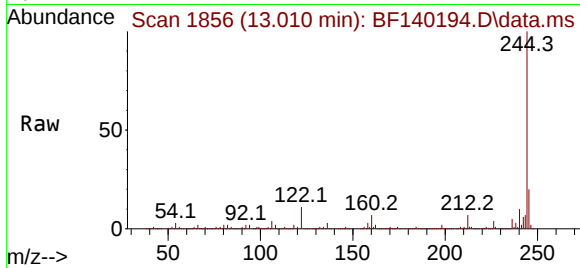




#79
 Terphenyl-d14
 Concen: 114.419 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140194.D
 Acq: 31 Oct 2024 17:28

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:244 Resp: 1279153
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2293
 Delta R.T. 0.053 min
 Lab File: BF140194.D
 Acq: 31 Oct 2024 17:28

Tgt Ion:264 Resp: 140713
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.2 17.4 26.0

