

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138754.D
 Acq On : 02 Aug 2024 18:51
 Operator : RC/JU
 Sample : P3406-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS

Quant Time: Aug 02 23:22:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	40640	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	139145	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	67644	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	132943	20.000	ng	0.00
76) Chrysene-d12	14.016	240	85937	20.000	ng	0.01
86) Perylene-d12	15.480	264	74382	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	178201	67.687	ng	0.00
7) Phenol-d6	6.487	99	263366	74.509	ng	0.00
23) Nitrobenzene-d5	7.410	82	189566	66.608	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	29155	52.617	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	314520	69.861	ng	0.00
79) Terphenyl-d14	12.957	244	412249	80.316	ng	0.01

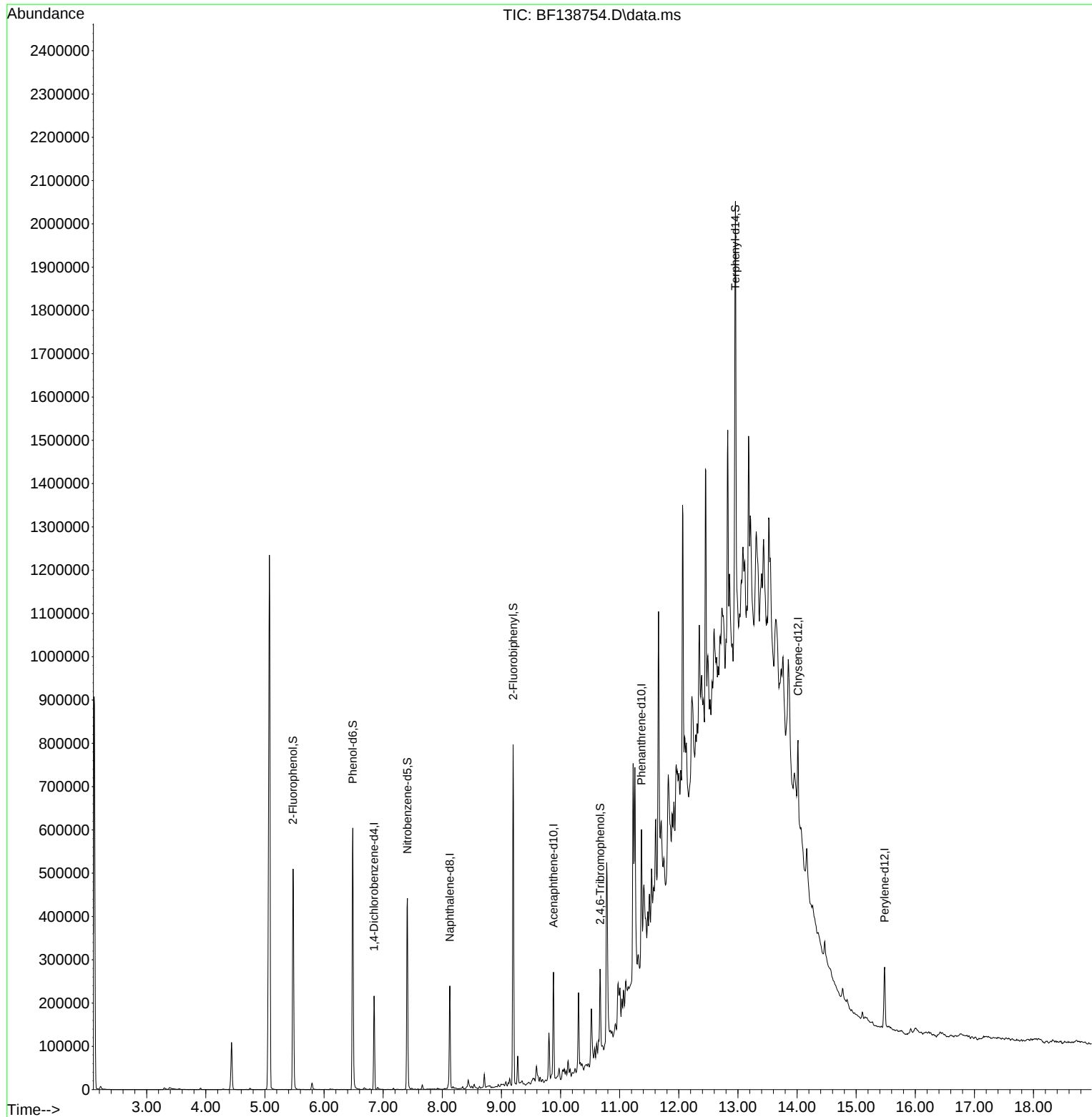
Target Compounds	Qvalue

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

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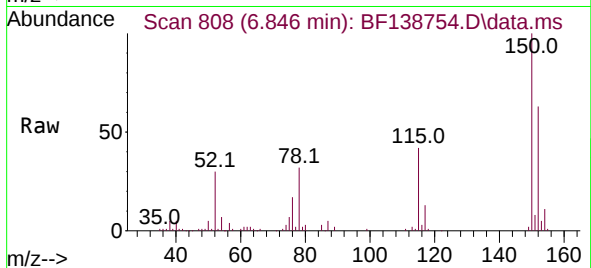
Quant Time: Aug 02 23:22:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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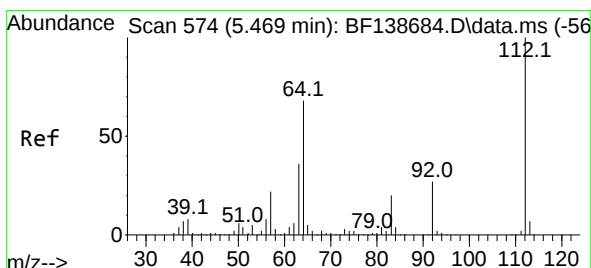
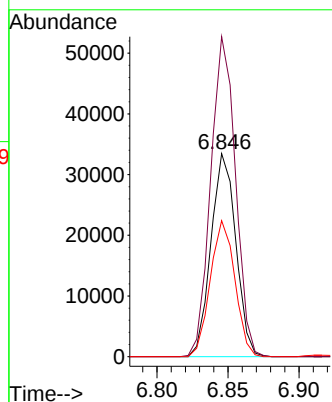
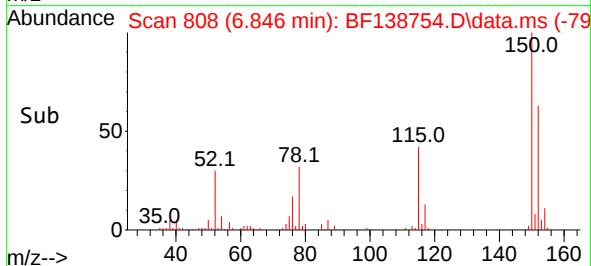


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138754.D
Acq: 02 Aug 2024 18:51

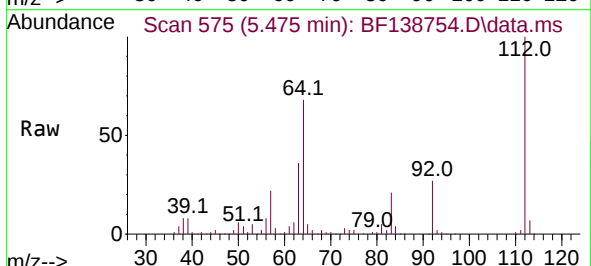
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS



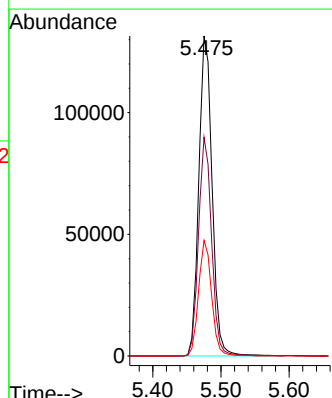
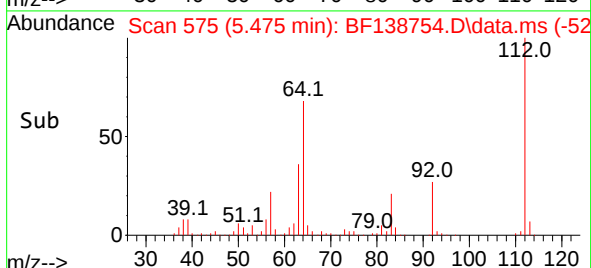
Tgt Ion:152 Resp: 40640
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 67.687 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138754.D
Acq: 02 Aug 2024 18:51



Tgt Ion:112 Resp: 178201
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.1 28.7 43.1

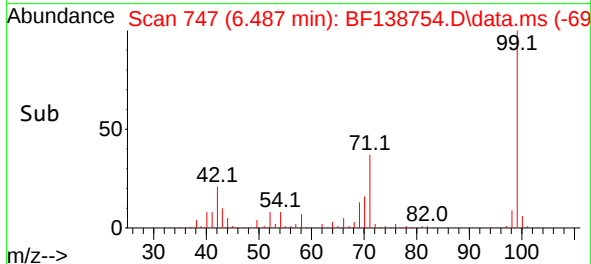
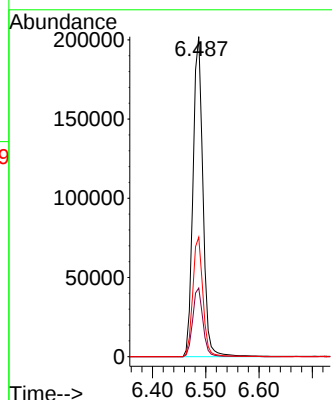
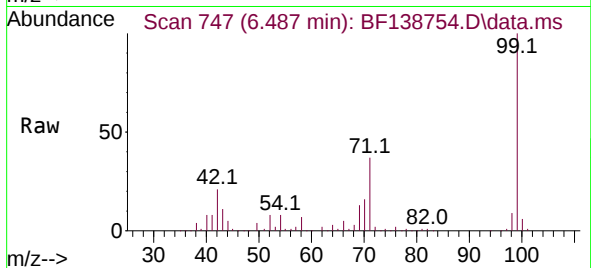




#7
Phenol-d6
Concen: 74.509 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138754.D
Acq: 02 Aug 2024 18:51

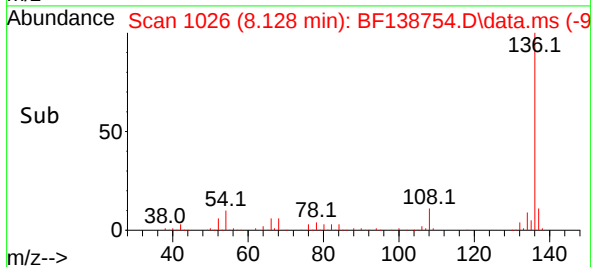
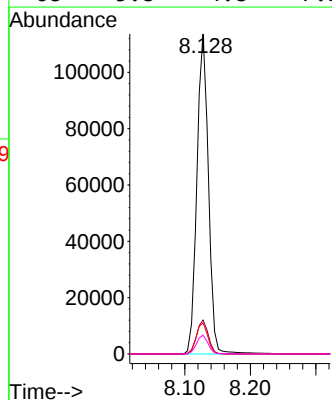
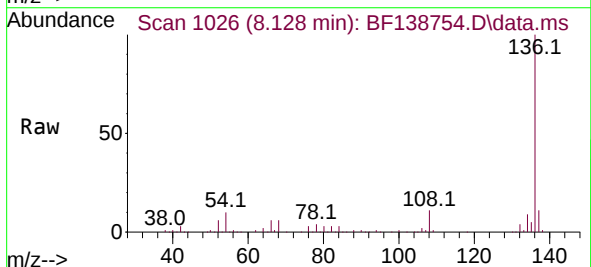
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS

Tgt Ion: 99 Resp: 263366
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 37.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138754.D
Acq: 02 Aug 2024 18:51

Tgt Ion: 136 Resp: 139145
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.7 8.6 12.8
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 66.608 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138754.D

Acq: 02 Aug 2024 18:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS

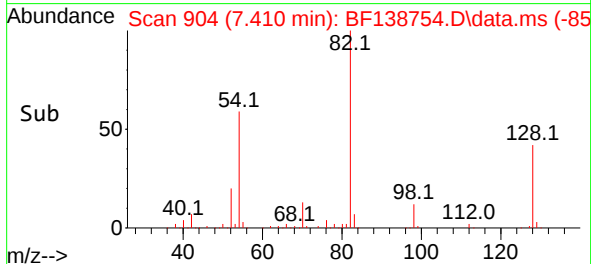
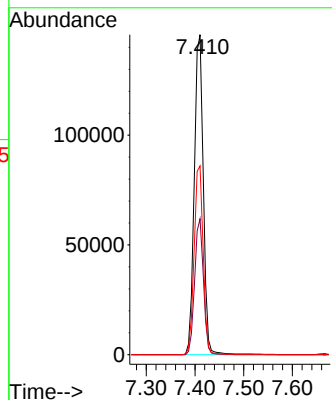
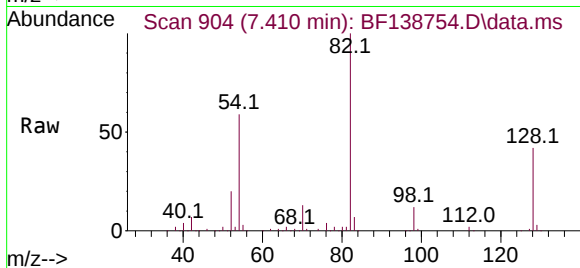
Tgt Ion: 82 Resp: 189566

Ion Ratio Lower Upper

82 100

128 42.5 32.8 49.2

54 59.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF138754.D

Acq: 02 Aug 2024 18:51

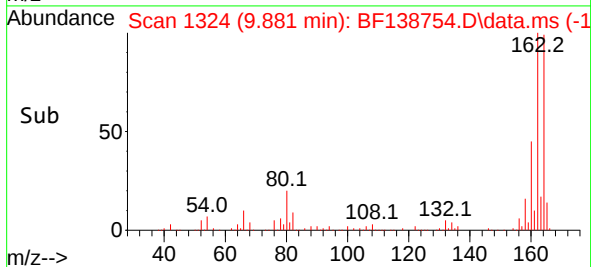
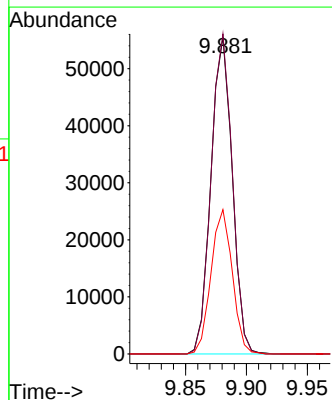
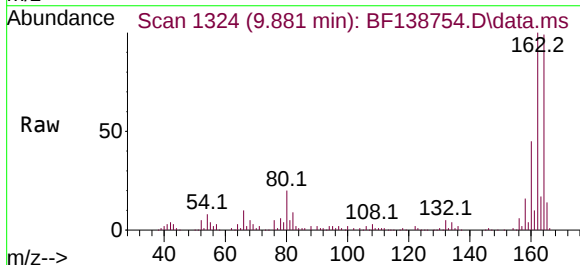
Tgt Ion: 164 Resp: 67644

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 45.5 35.1 52.7

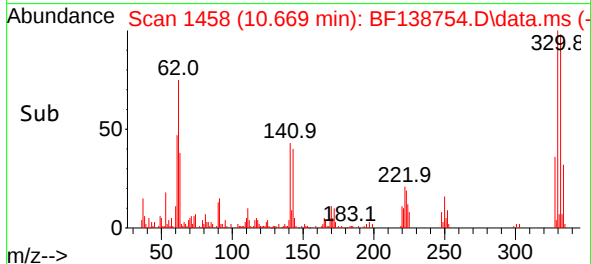
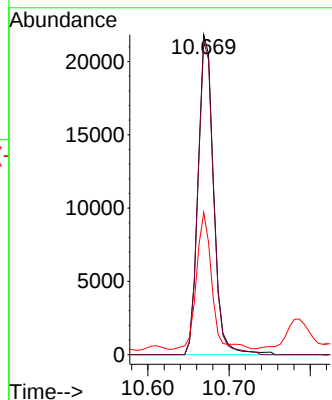
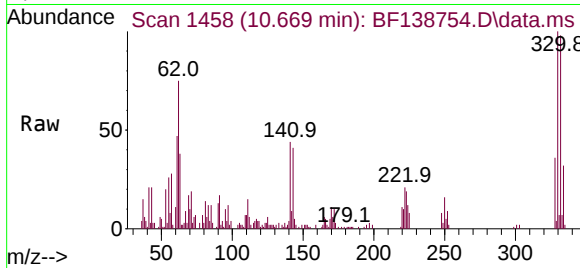




#42
 2,4,6-Tribromophenol
 Concen: 52.617 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138754.D
 Acq: 02 Aug 2024 18:51

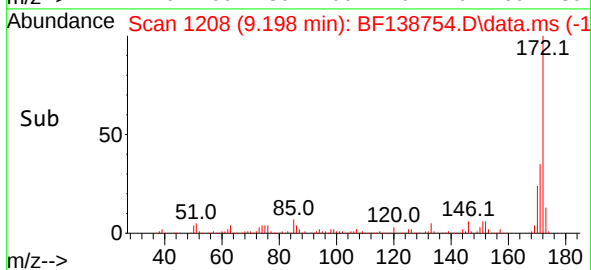
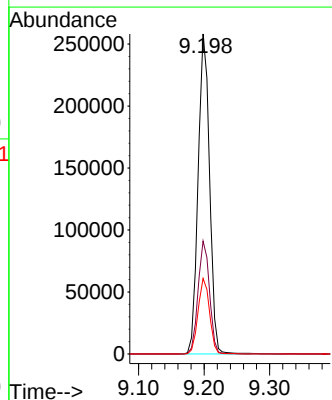
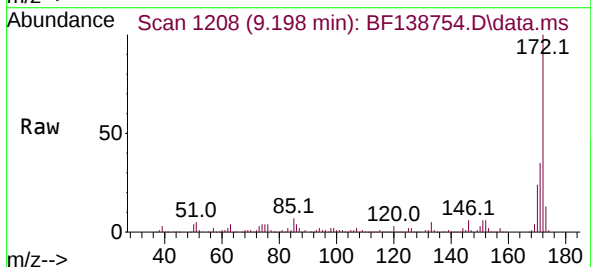
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS

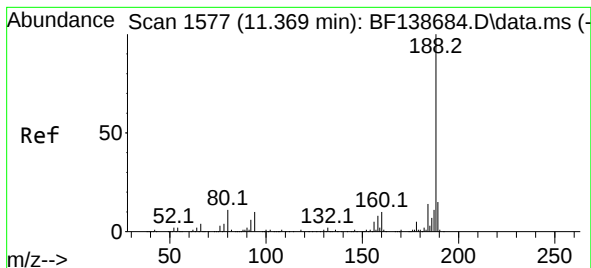
Tgt Ion:	330	Resp:	29155
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.4	114.6
141	42.1	31.1	46.7



#45
 2-Fluorobiphenyl
 Concen: 69.861 ng
 RT: 9.198 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BF138754.D
 Acq: 02 Aug 2024 18:51

Tgt Ion:	172	Resp:	314520
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	23.6	18.8	28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138754.D

Acq: 02 Aug 2024 18:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS

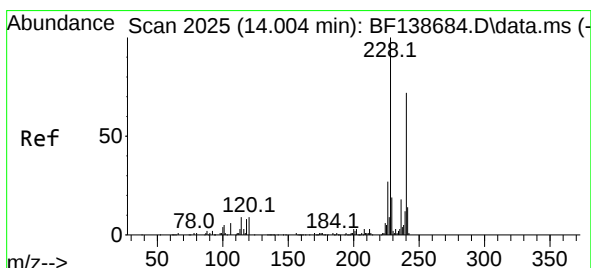
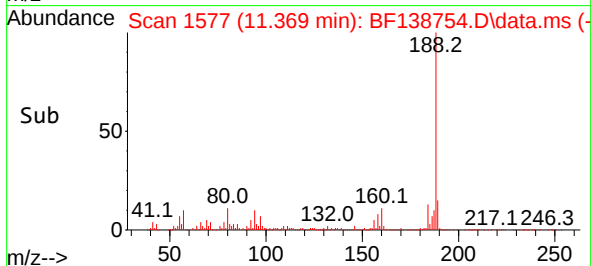
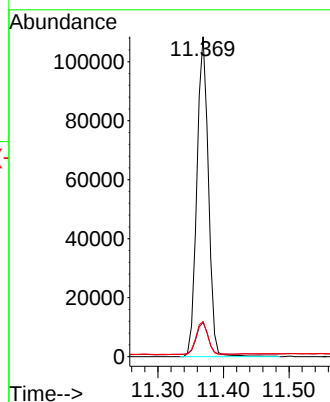
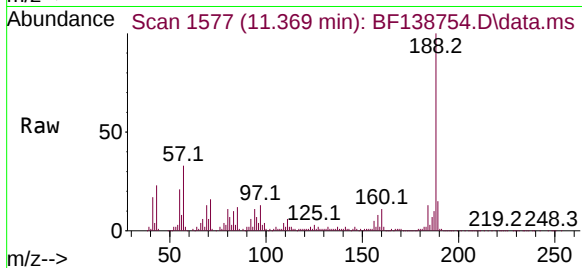
Tgt Ion:188 Resp: 132943

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.0 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF138754.D

Acq: 02 Aug 2024 18:51

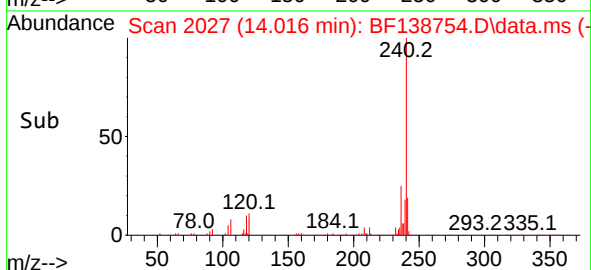
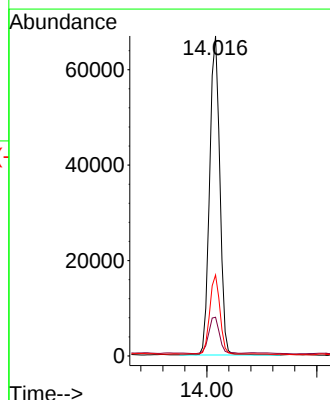
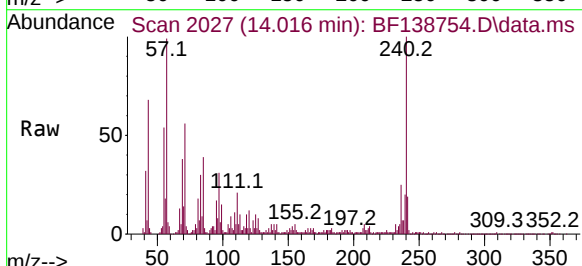
Tgt Ion:240 Resp: 85937

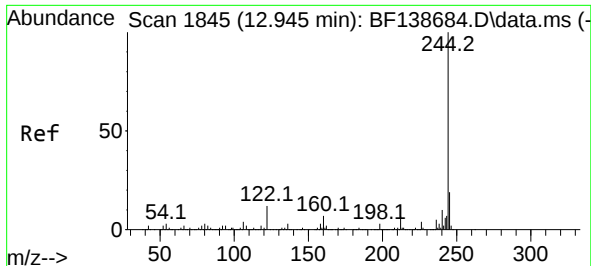
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

236 25.3 19.8 29.8

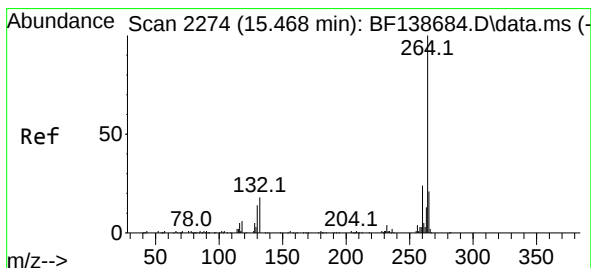
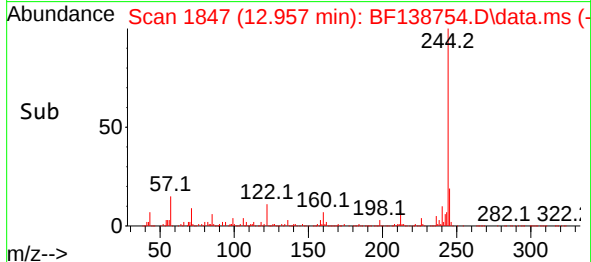
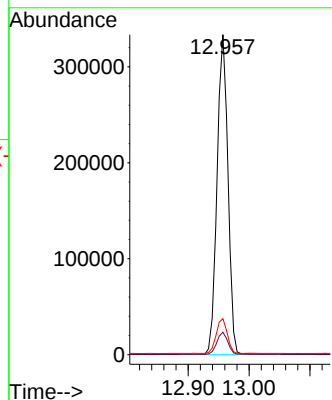
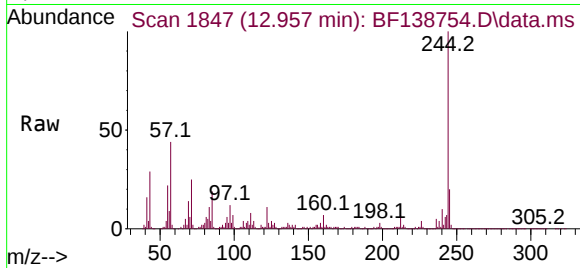




#79
 Terphenyl-d14
 Concen: 80.316 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138754.D
 Acq: 02 Aug 2024 18:51

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS

Tgt Ion:244 Resp: 412249
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. 0.012 min
 Lab File: BF138754.D
 Acq: 02 Aug 2024 18:51

Tgt Ion:264 Resp: 74382
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.0 17.0 25.6

