

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138340.D
 Acq On : 25 Jun 2024 18:06
 Operator : CG\JU
 Sample : P3022-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-CONCRETE

Quant Time: Jun 25 18:49:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	215673	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	832627	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	491149	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	942649	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	563332	20.000	ng	-0.01
86) Perylene-d12	15.515	264	579047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	674622	52.326	ng	0.00
7) Phenol-d6	6.510	99	944810	57.792	ng	-0.01
23) Nitrobenzene-d5	7.445	82	724818	50.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	250926	51.319	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1569493	50.814	ng	-0.01
79) Terphenyl-d14	12.992	244	2073290	58.291	ng	0.00

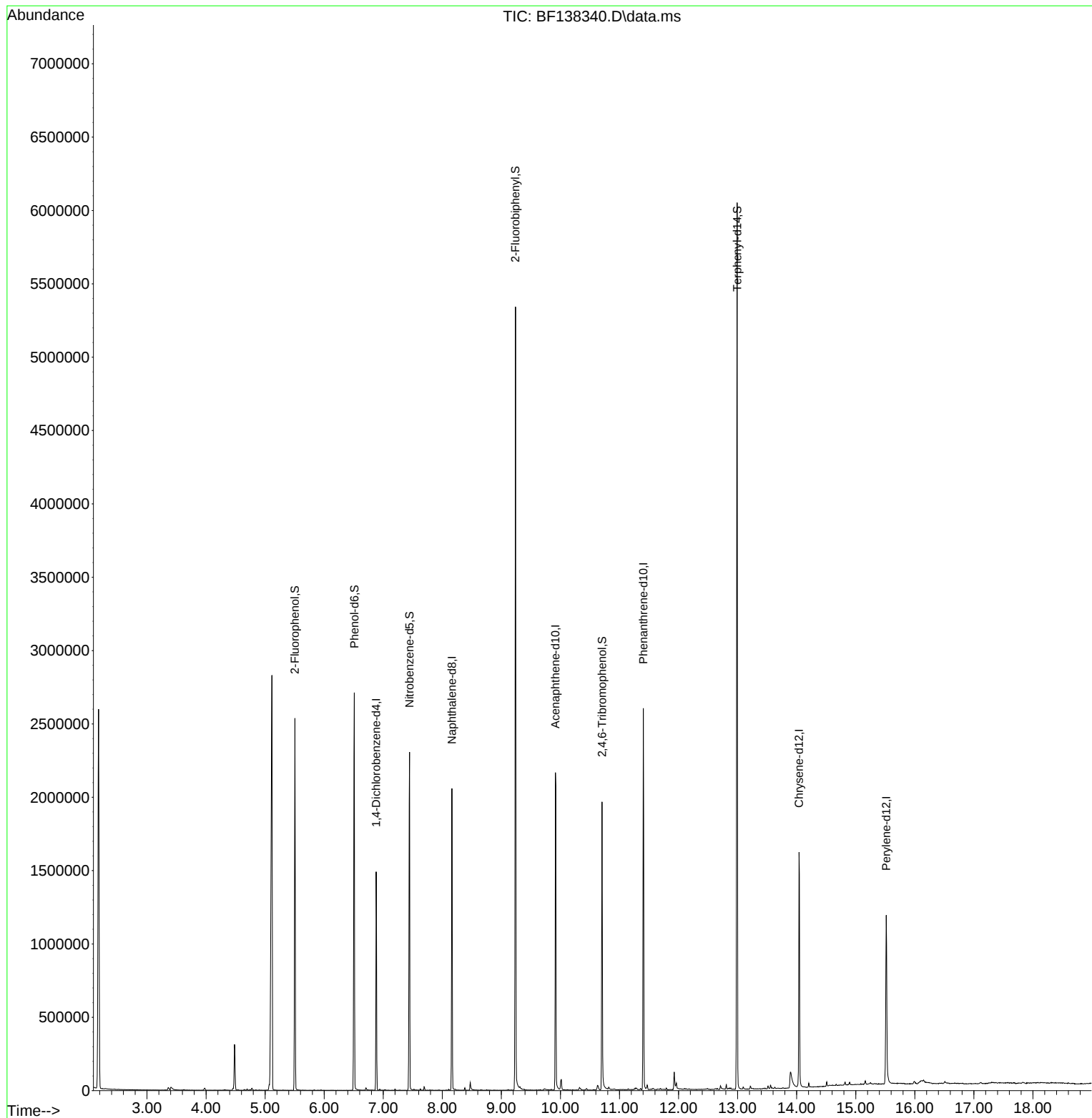
Target Compounds	Qvalue

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

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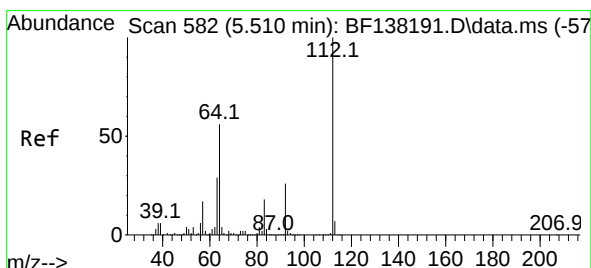
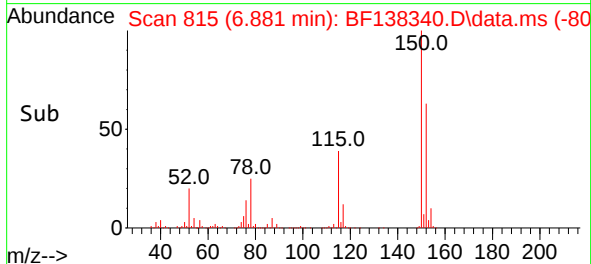
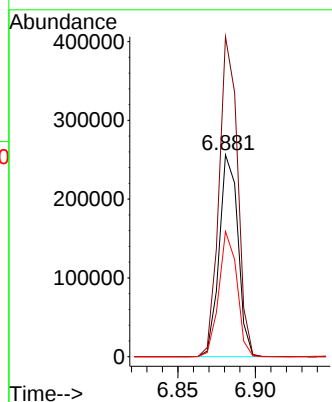
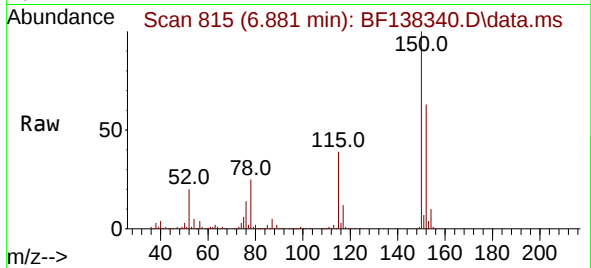




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

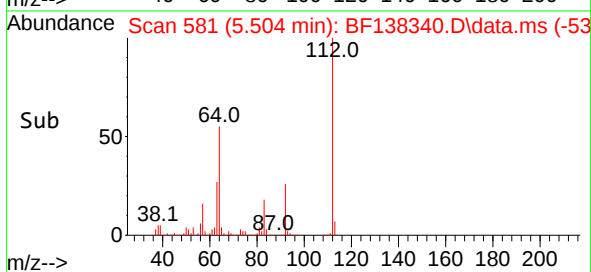
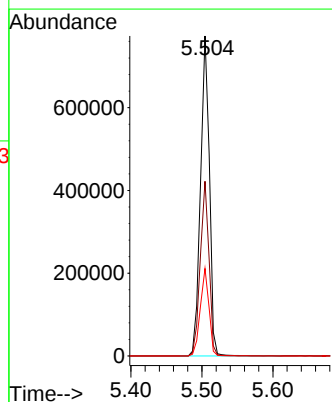
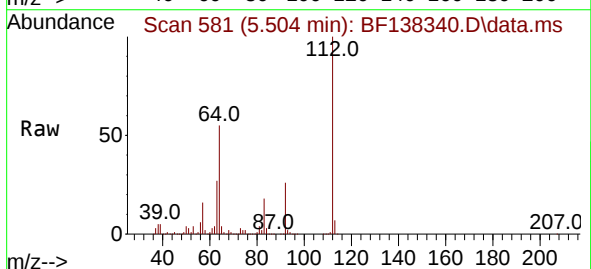
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

Tgt Ion:152 Resp: 215673
Ion Ratio Lower Upper
152 100
150 158.5 125.0 187.4
115 62.1 48.4 72.6



#5
2-Fluorophenol
Concen: 52.326 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:112 Resp: 674622
Ion Ratio Lower Upper
112 100
64 54.6 45.2 67.8
63 27.4 22.9 34.3

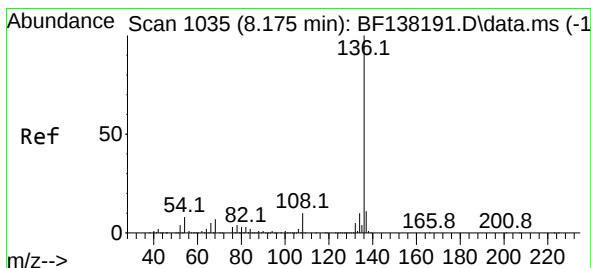
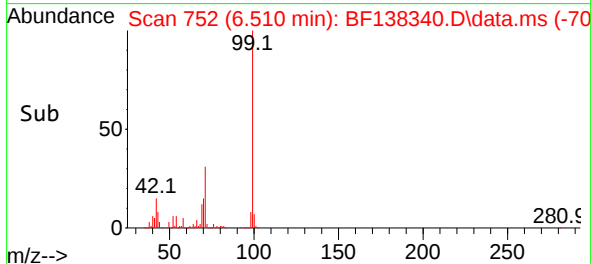
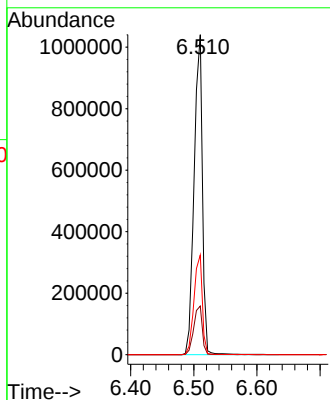
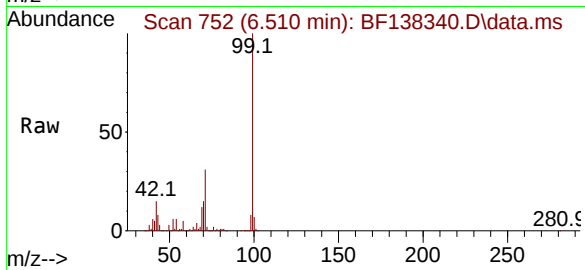




#7
Phenol-d6
Concen: 57.792 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

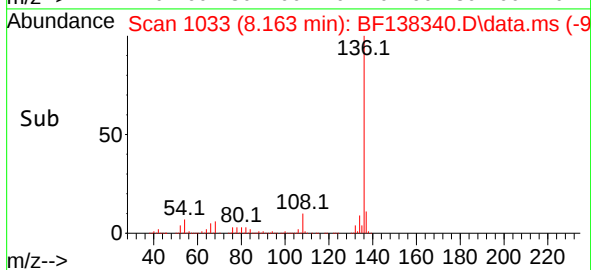
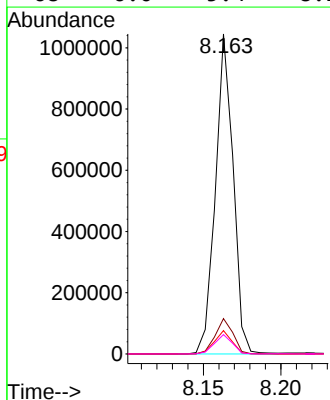
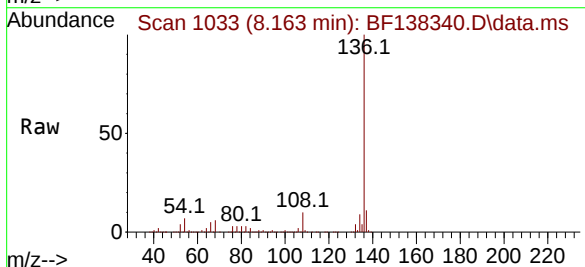
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

Tgt Ion: 99 Resp: 944810
Ion Ratio Lower Upper
99 100
42 15.2 13.7 20.5
71 31.2 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion: 136 Resp: 832627
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 6.6 10.0
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 50.678 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

BL-CONCRETE

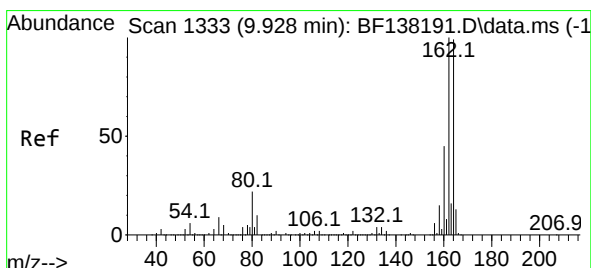
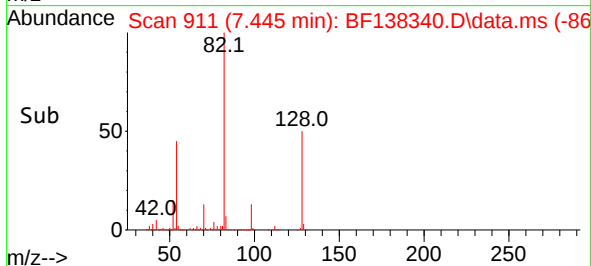
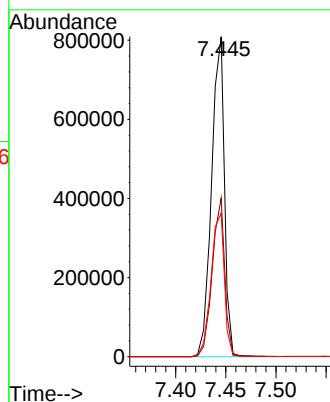
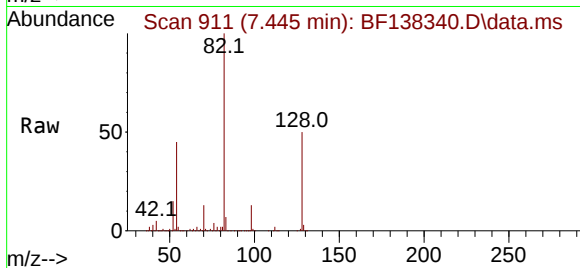
Tgt Ion: 82 Resp: 724818

Ion Ratio Lower Upper

82 100

128 49.6 37.2 55.8

54 44.8 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

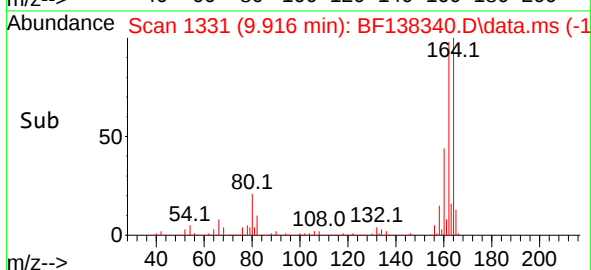
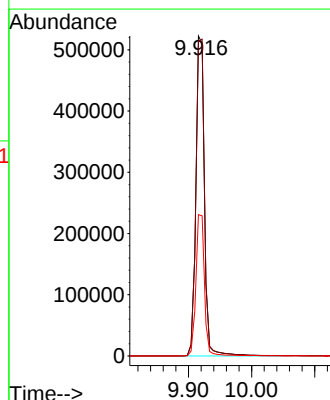
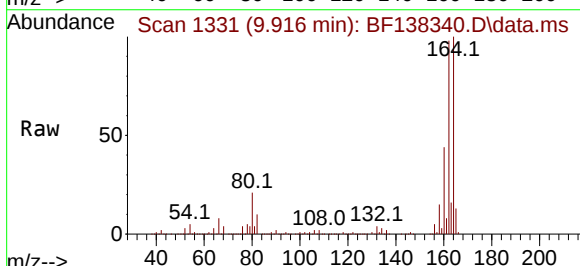
Tgt Ion:164 Resp: 491149

Ion Ratio Lower Upper

164 100

162 98.3 80.6 121.0

160 44.1 36.3 54.5

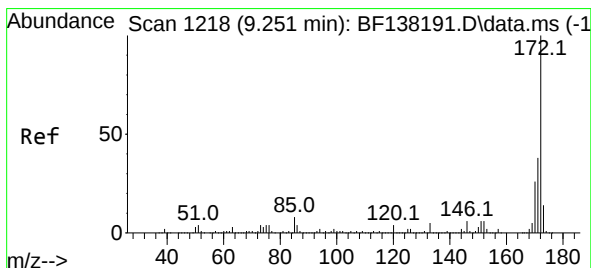
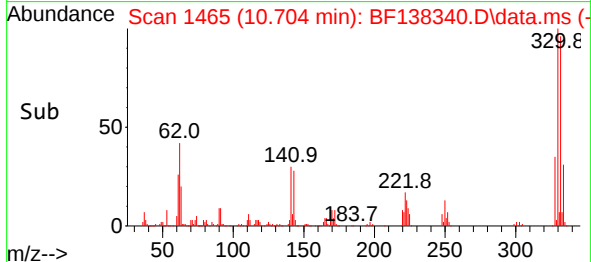
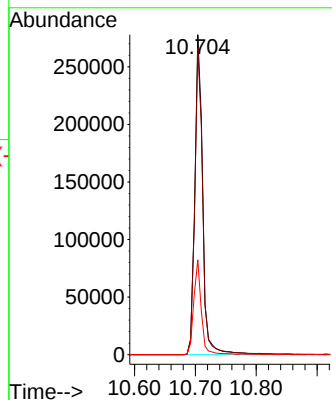
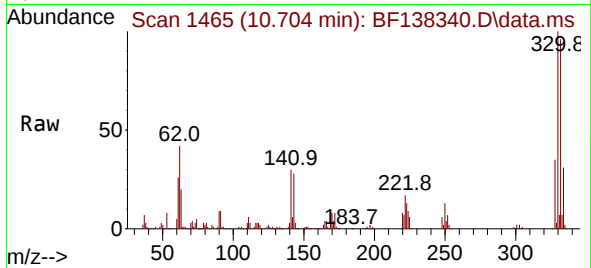




#42
2,4,6-Tribromophenol
Concen: 51.319 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

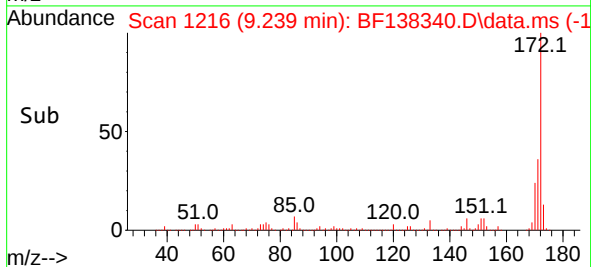
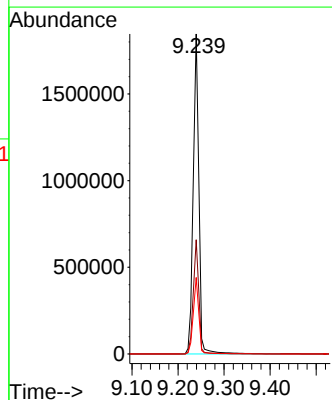
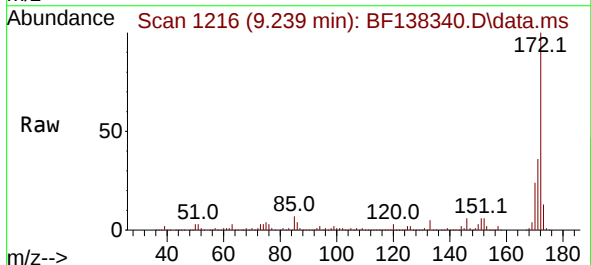
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

Tgt Ion:330 Resp: 250926
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 28.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 50.814 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:172 Resp: 1569493
Ion Ratio Lower Upper
172 100
171 35.7 30.3 45.5
170 23.9 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

BL-CONCRETE

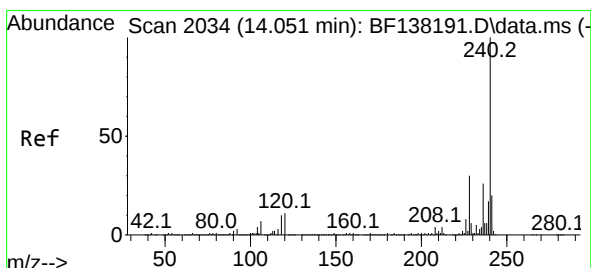
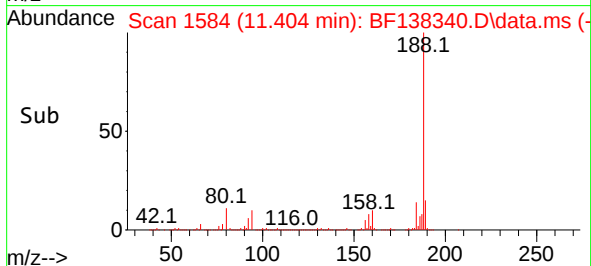
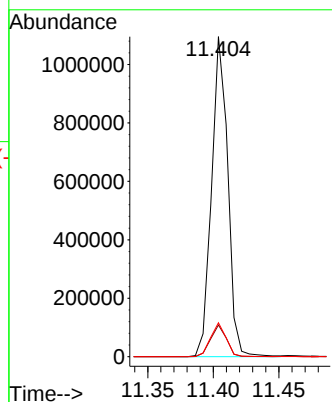
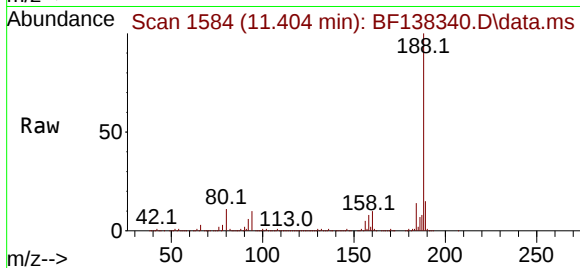
Tgt Ion:188 Resp: 942649

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

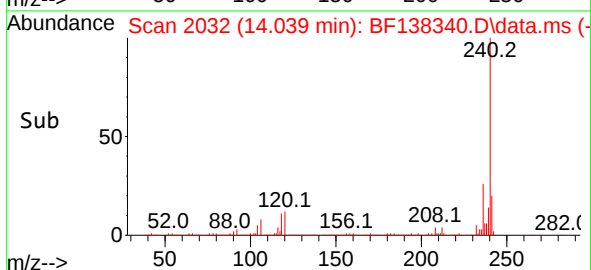
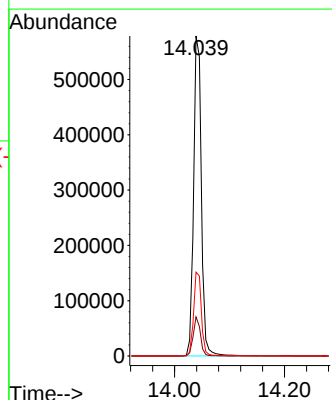
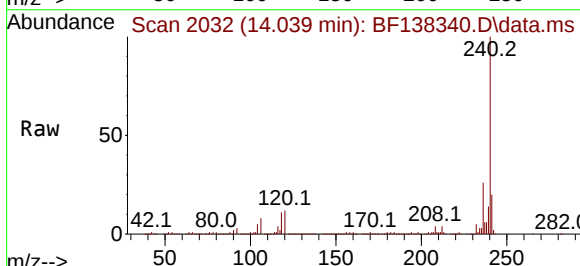
Tgt Ion:240 Resp: 563332

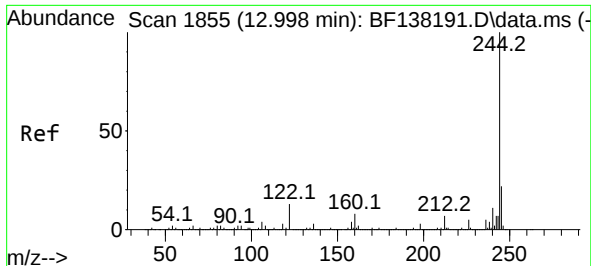
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.2 21.0 31.6

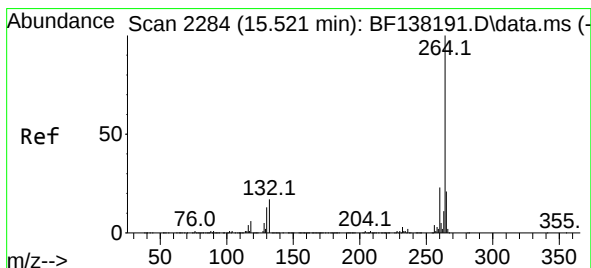
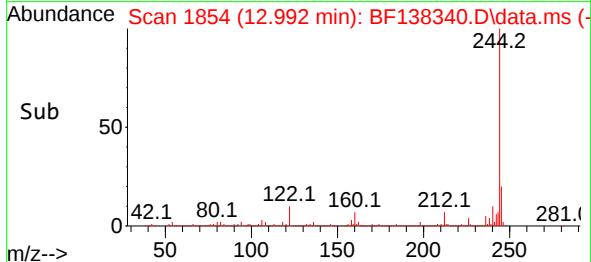
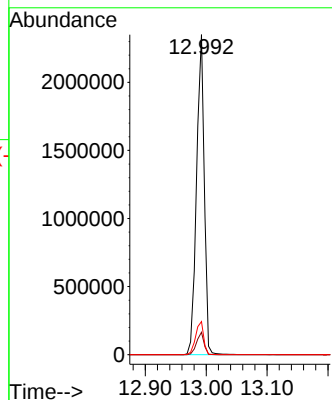
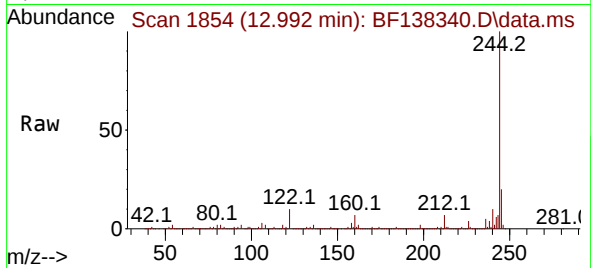




#79
 Terphenyl-d14
 Concen: 58.291 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138340.D
 Acq: 25 Jun 2024 18:06

Instrument :
 BNA_F
 ClientSampleId :
 BL-CONCRETE

Tgt Ion:244 Resp: 2073290
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.4 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138340.D
 Acq: 25 Jun 2024 18:06

Tgt Ion:264 Resp: 579047
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.0 17.0 25.6

