

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140157.D
 Acq On : 30 Oct 2024 15:07
 Operator : RC/JU
 Sample : P4612-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Oct 30 15:49:11 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	6.881	152	97425	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	381966	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	198237	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	331906	20.000	ng	0.00
76) Chrysene-d12	14.068	240	162395	20.000	ng	0.02
86) Perylene-d12	15.574	264	186566	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	417112	67.024	ng	0.00
7) Phenol-d6	6.498	99	683666	84.820	ng	-0.01
23) Nitrobenzene-d5	7.439	82	645179	93.616	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	103200	55.656	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1154175	96.223	ng	-0.01
79) Terphenyl-d14	13.010	244	1029552	103.306	ng	0.01

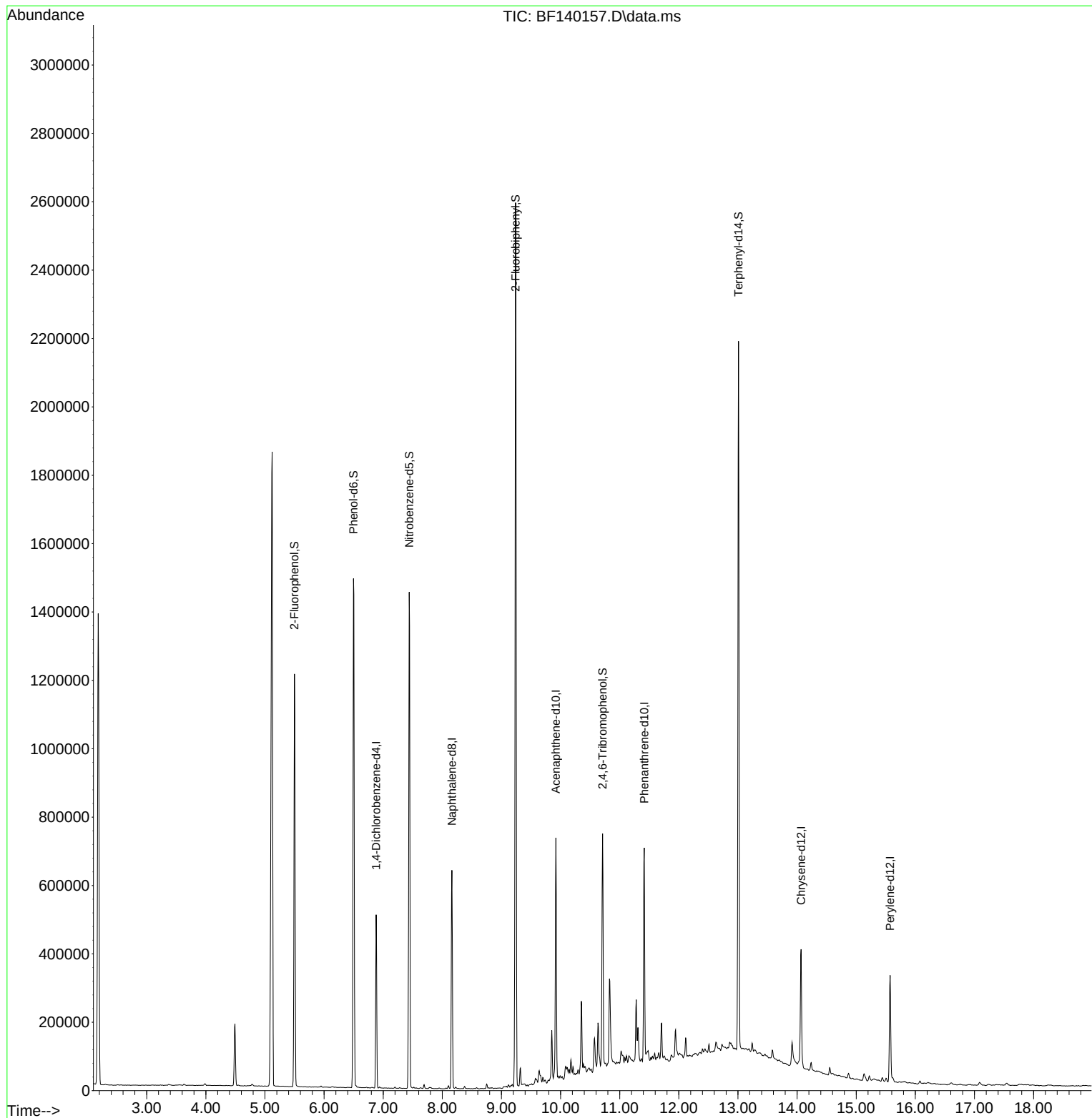
Target Compounds	Qvalue

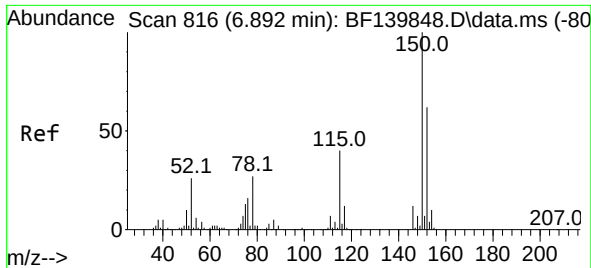
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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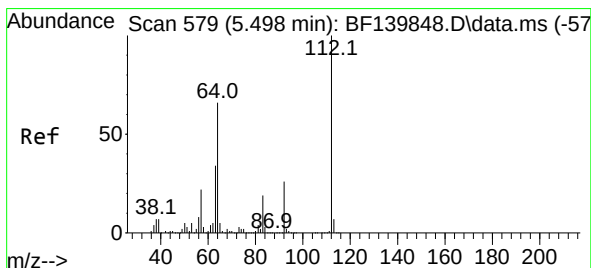
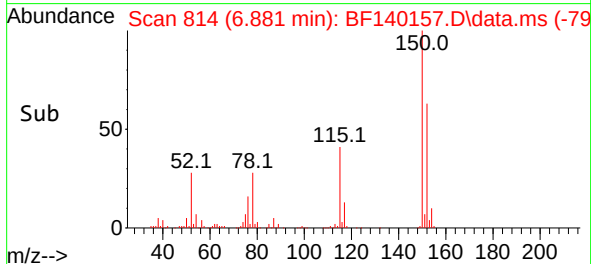
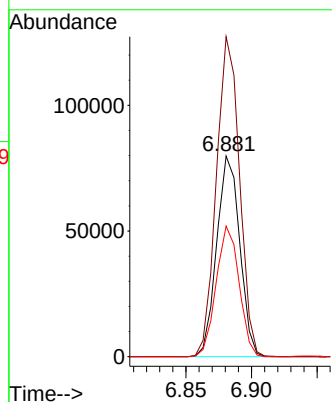
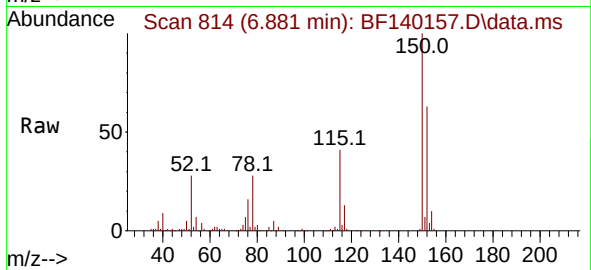




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 816
 Delta R.T. -0.011 min
 Lab File: BF140157.D
 Acq: 30 Oct 2024 15:07

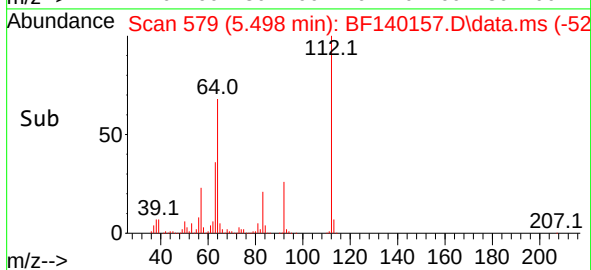
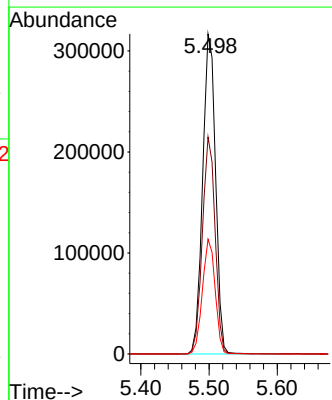
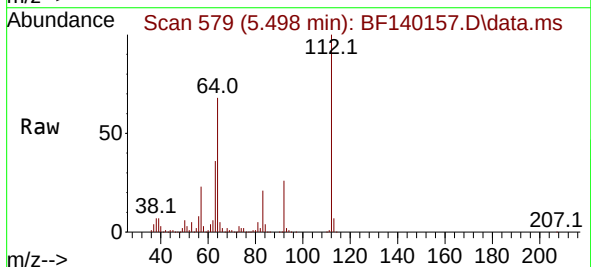
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD

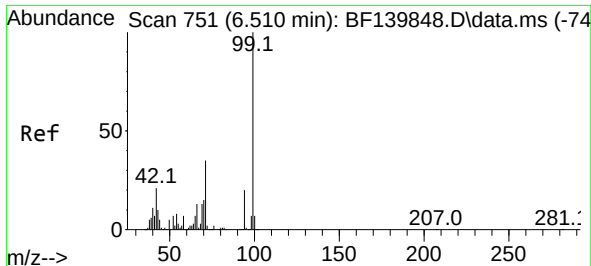
Tgt Ion:152 Resp: 97425
 Ion Ratio Lower Upper
 152 100
 150 159.5 130.2 195.2
 115 65.1 51.4 77.2



#5
 2-Fluorophenol
 Concen: 67.024 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF140157.D
 Acq: 30 Oct 2024 15:07

Tgt Ion:112 Resp: 417112
 Ion Ratio Lower Upper
 112 100
 64 67.8 53.0 79.6
 63 35.9 27.0 40.4

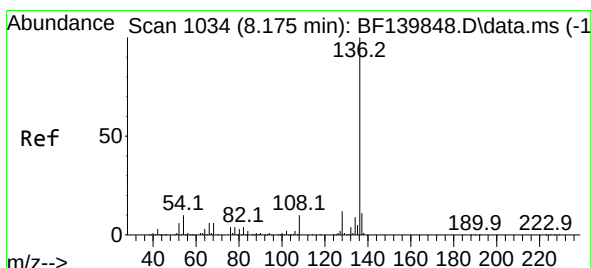
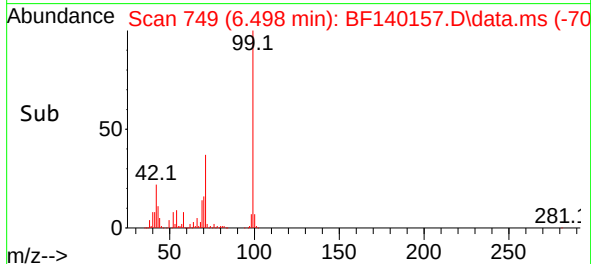
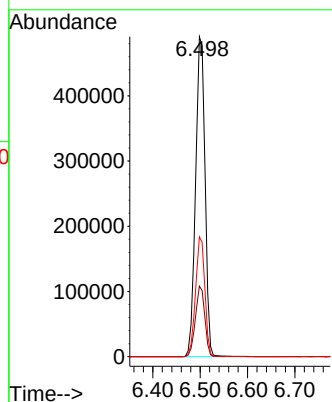
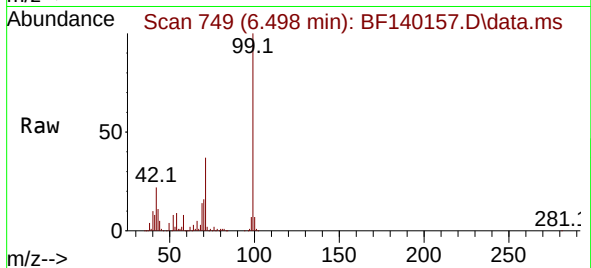




#7
Phenol-d6
Concen: 84.820 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF140157.D
Acq: 30 Oct 2024 15:07

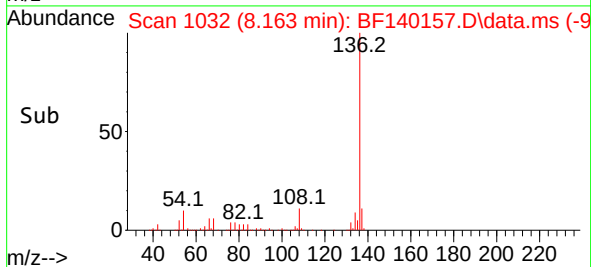
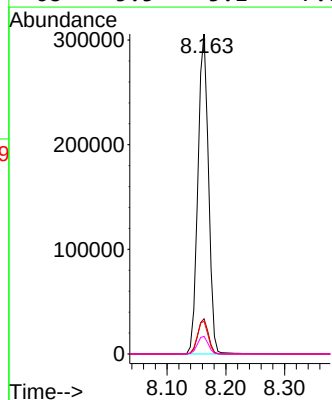
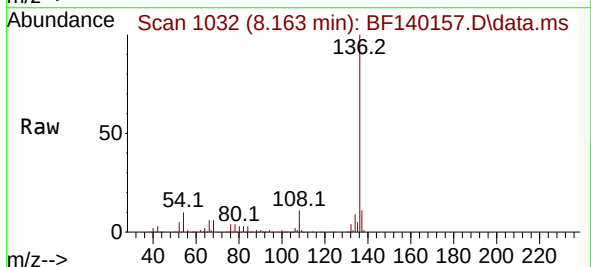
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

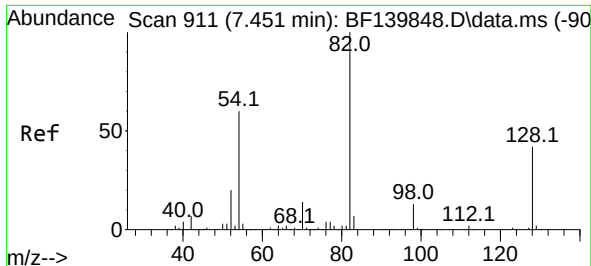
Tgt Ion: 99 Resp: 683666
Ion Ratio Lower Upper
99 100
42 22.0 16.7 25.1
71 37.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140157.D
Acq: 30 Oct 2024 15:07

Tgt Ion: 136 Resp: 381966
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 8.4 12.6
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 93.616 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140157.D

Acq: 30 Oct 2024 15:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD

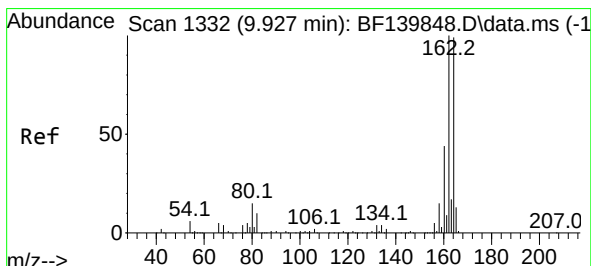
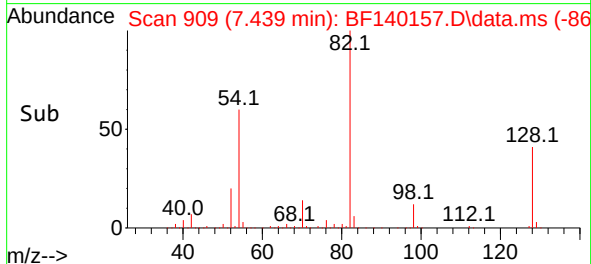
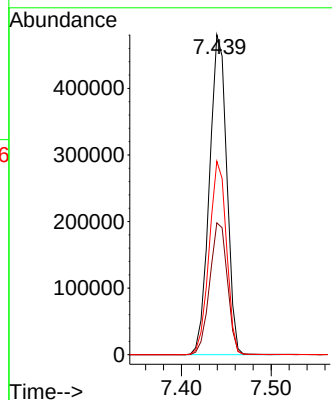
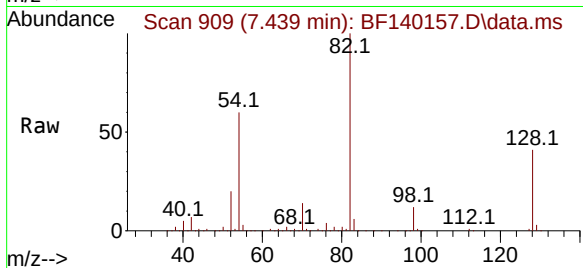
Tgt Ion: 82 Resp: 645179

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.0

54 60.5 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: BF140157.D

Acq: 30 Oct 2024 15:07

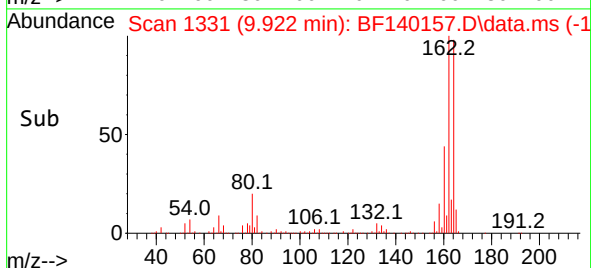
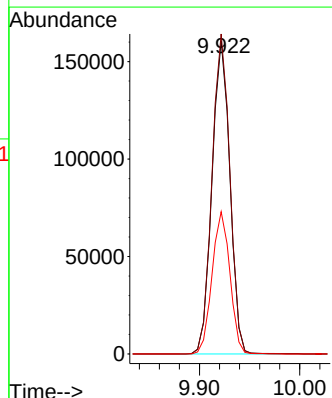
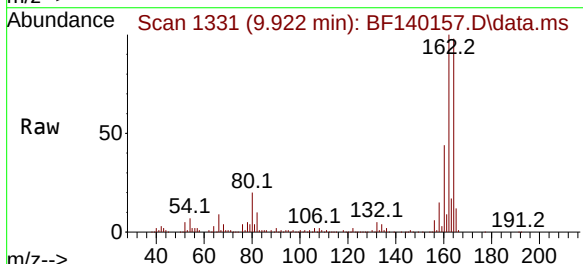
Tgt Ion:164 Resp: 198237

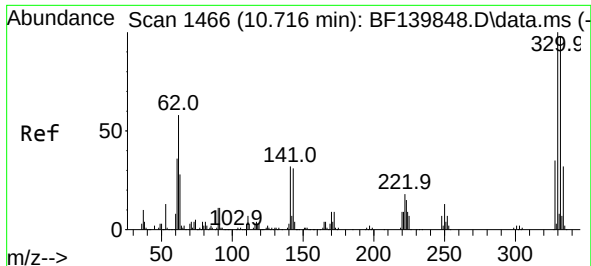
Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 55.656 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140157.D

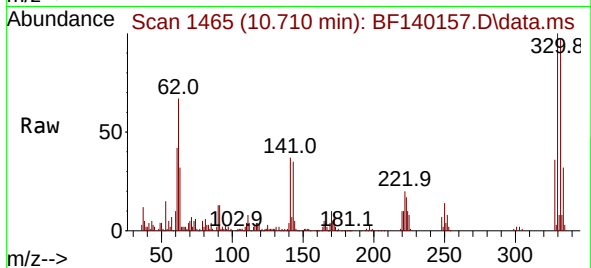
Acq: 30 Oct 2024 15:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD



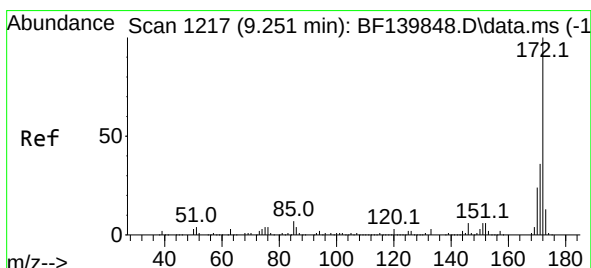
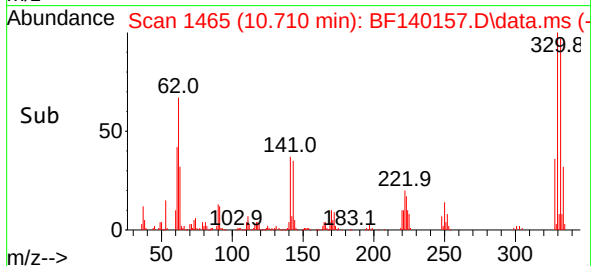
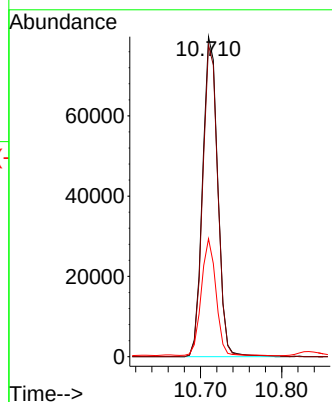
Tgt Ion:330 Resp: 103200

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 96.223 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140157.D

Acq: 30 Oct 2024 15:07

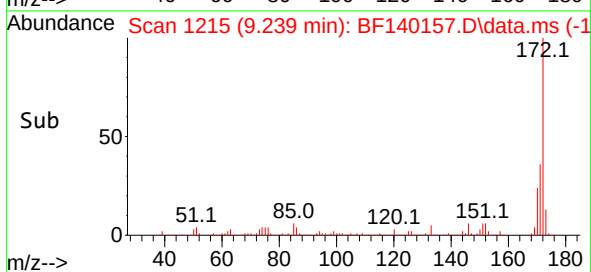
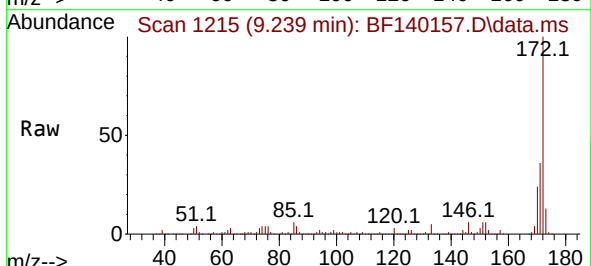
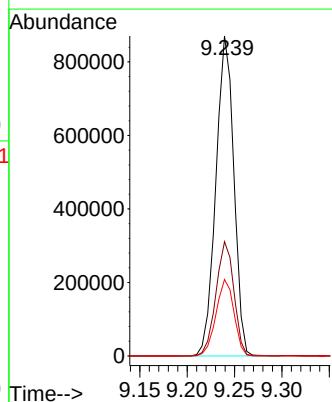
Tgt Ion:172 Resp: 1154175

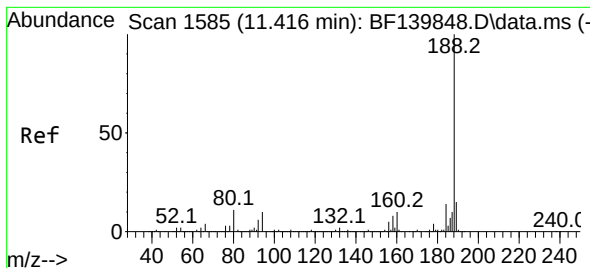
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.9 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: BF140157.D

Acq: 30 Oct 2024 15:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD

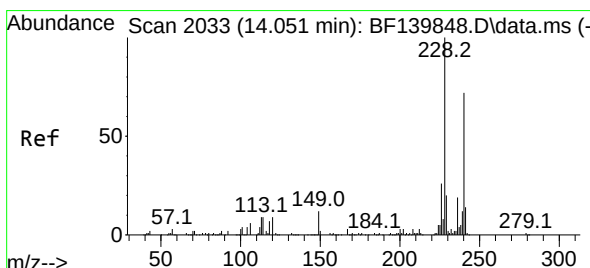
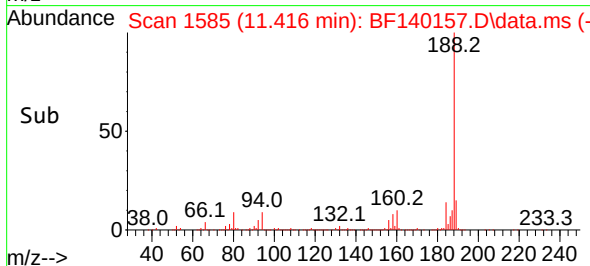
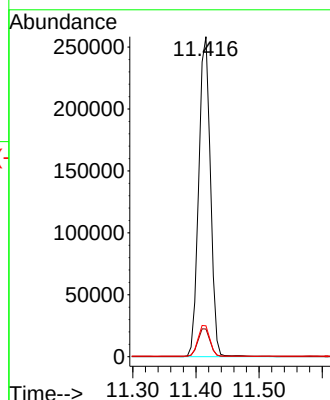
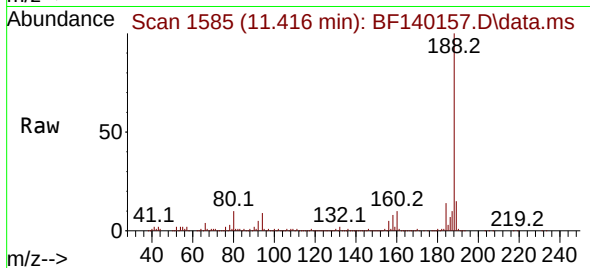
Tgt Ion:188 Resp: 331906

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.6 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: BF140157.D

Acq: 30 Oct 2024 15:07

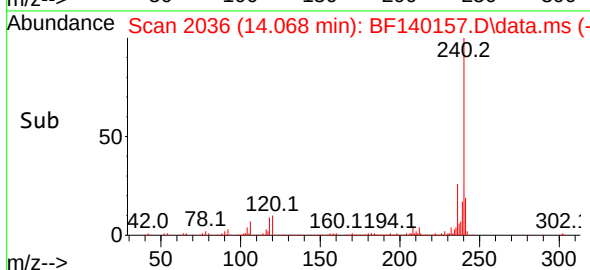
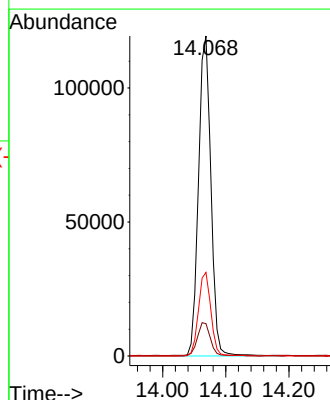
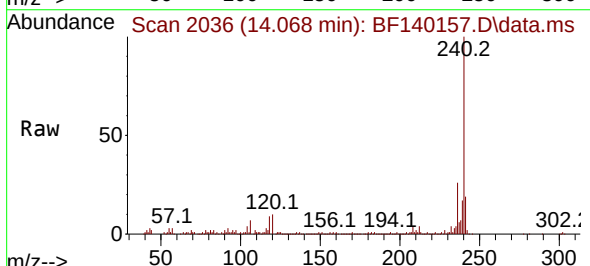
Tgt Ion:240 Resp: 162395

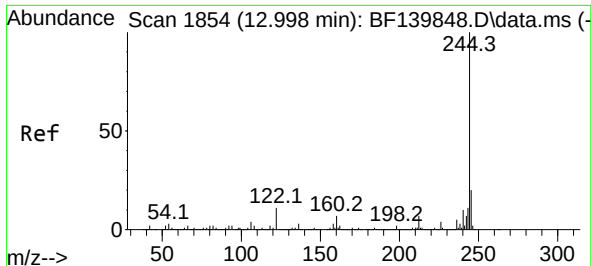
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 26.1 20.9 31.3

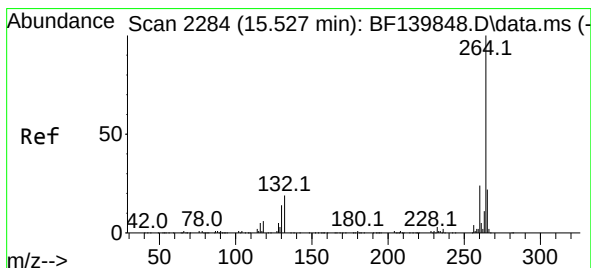
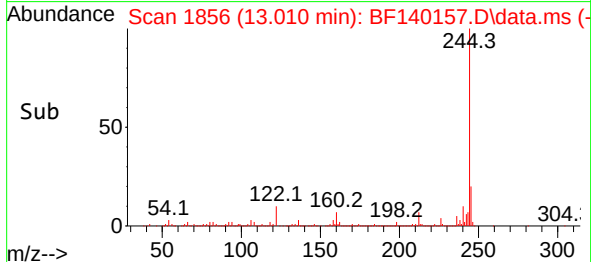
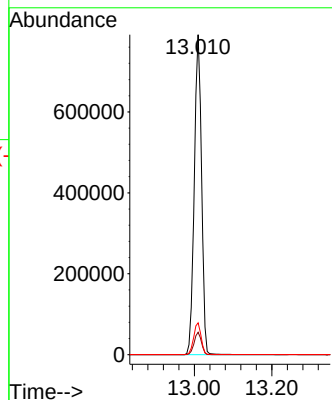
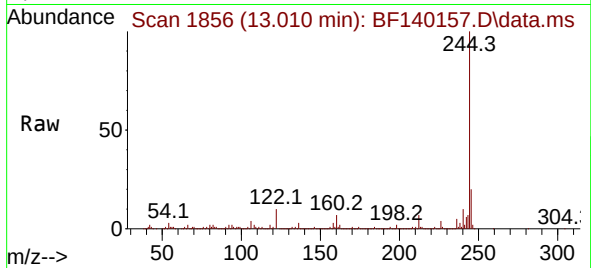




#79
 Terphenyl-d14
 Concen: 103.306 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140157.D
 Acq: 30 Oct 2024 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD

Tgt Ion:244 Resp: 1029552
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.047 min
 Lab File: BF140157.D
 Acq: 30 Oct 2024 15:07

Tgt Ion:264 Resp: 186566
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.1 17.4 26.0

