

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139757.D
 Acq On : 10 Oct 2024 20:21
 Operator : RC/JU
 Sample : P4375-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-10

Quant Time: Oct 10 23:20:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	67742	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	240260	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	110453	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	156818	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	139320	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	153715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	186226	47.648	ng	0.00
7) Phenol-d6	6.493	99	353253	67.210	ng	-0.01
23) Nitrobenzene-d5	7.428	82	287344	60.552	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	27709	25.987	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	498146	69.237	ng	0.00
79) Terphenyl-d14	12.986	244	365600	43.058	ng	0.00

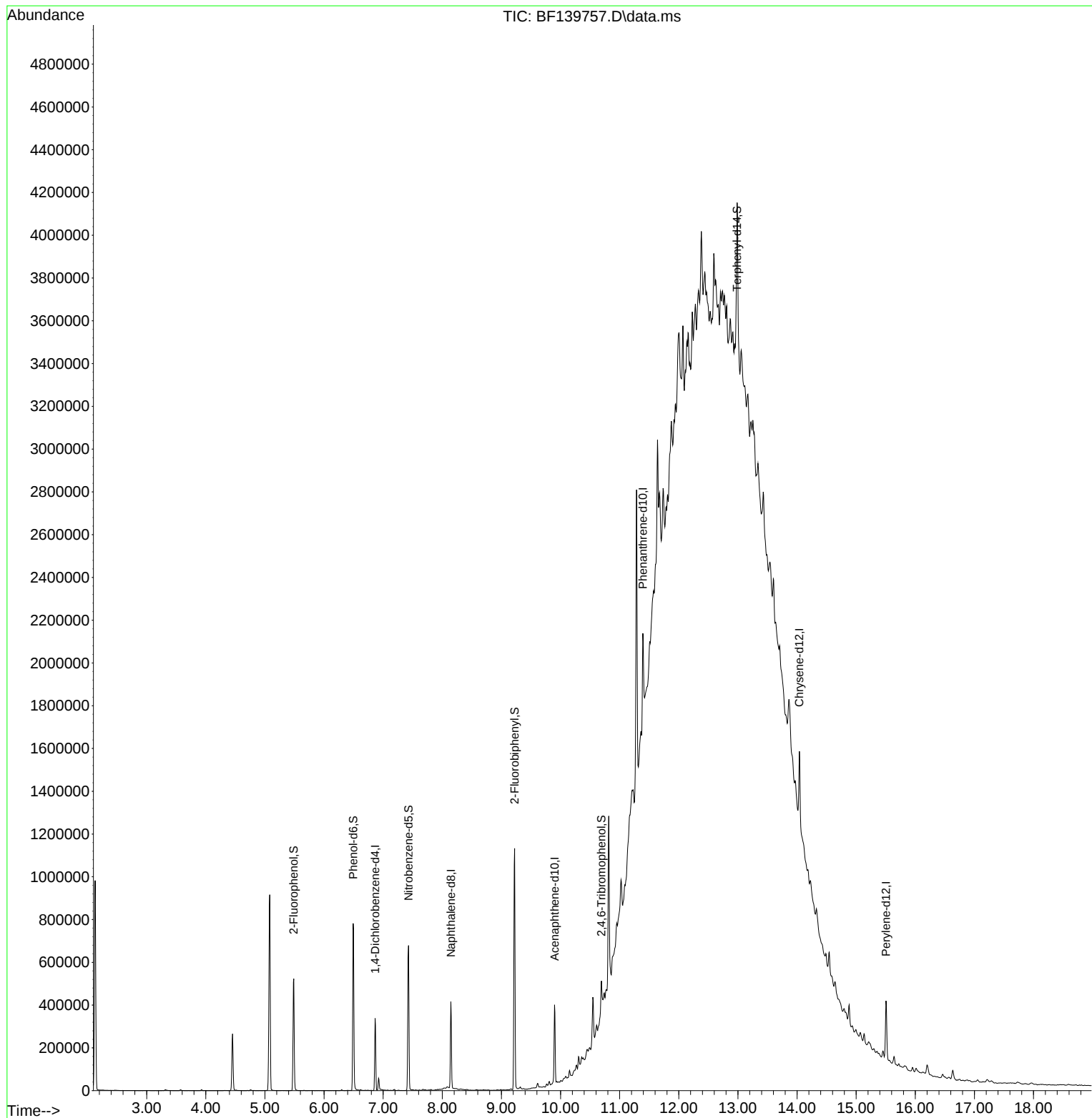
Target Compounds	Qvalue

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

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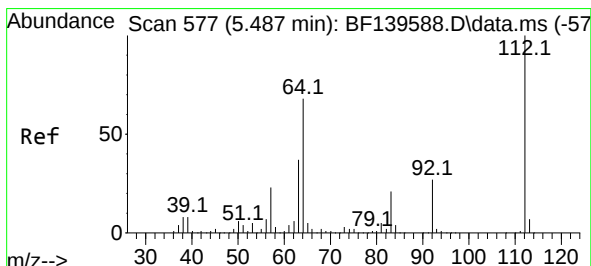
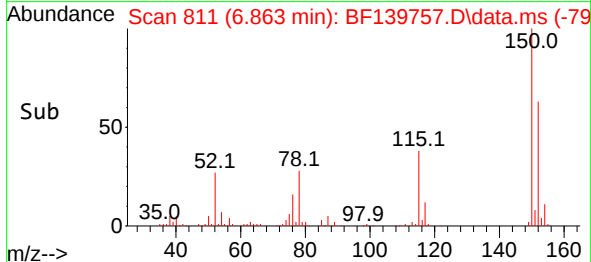
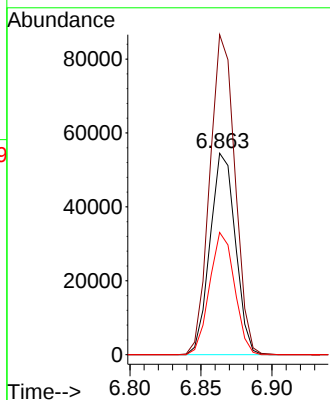
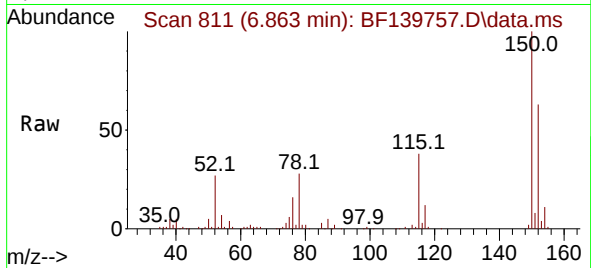




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21

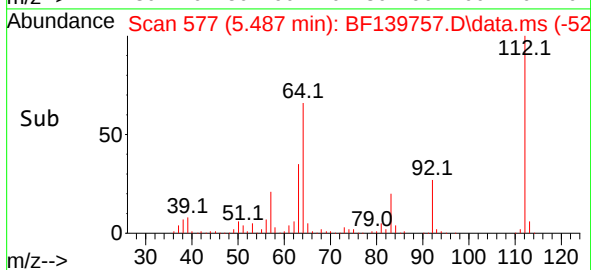
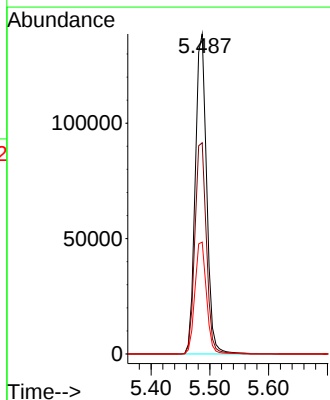
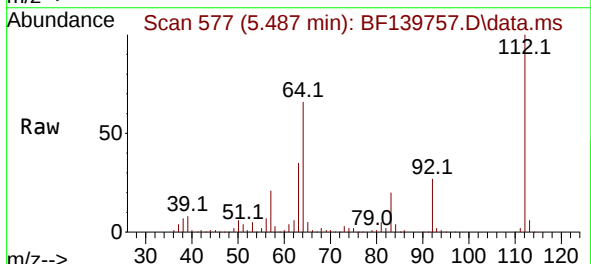
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-10

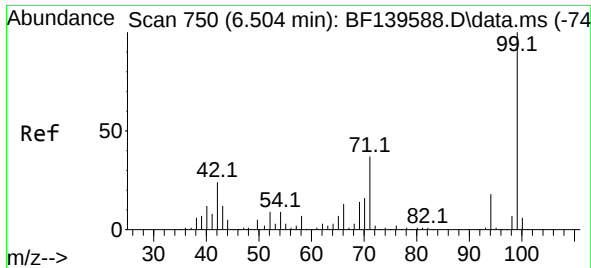
Tgt Ion:152 Resp: 67742
Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 47.648 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21

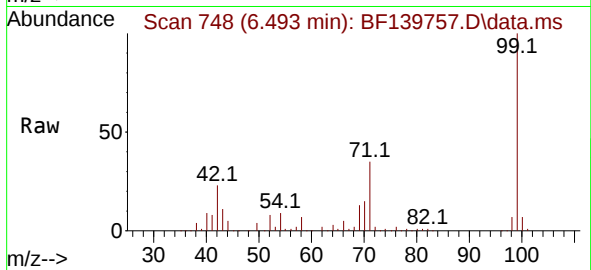
Tgt Ion:112 Resp: 186226
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.0 29.4 44.2



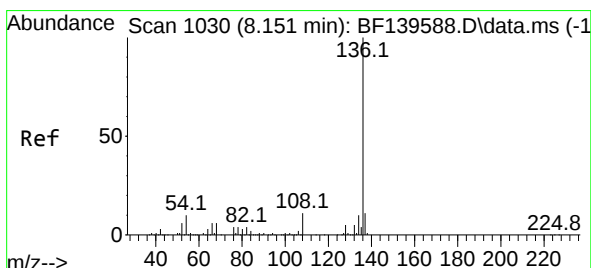
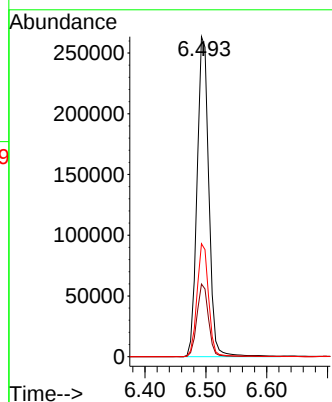
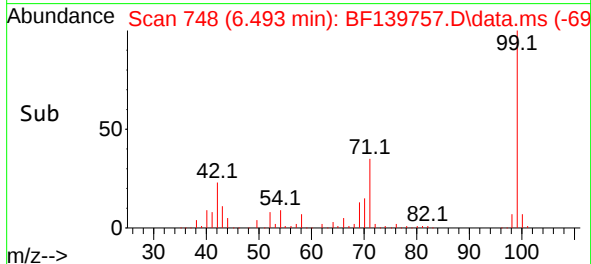


#7
Phenol-d6
Concen: 67.210 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21

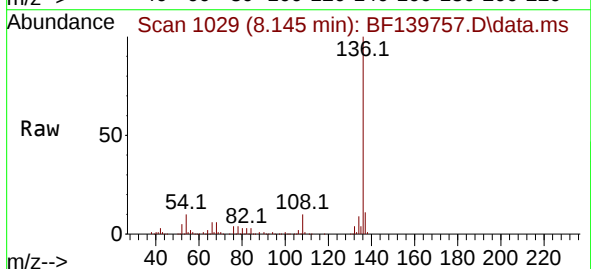
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-10



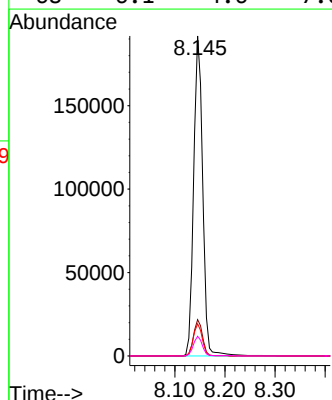
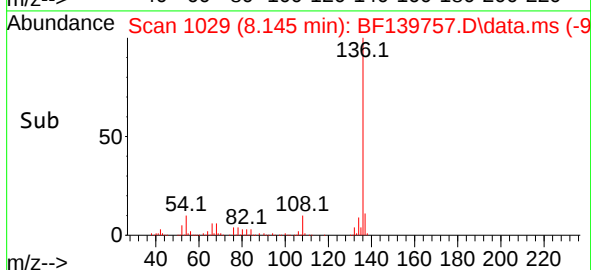
Tgt Ion: 99 Resp: 353253
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 35.3 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21



Tgt Ion: 136 Resp: 240260
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.1 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 60.552 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-10

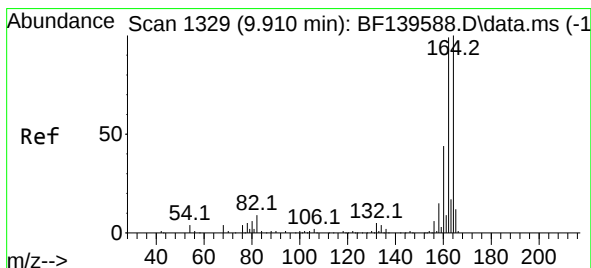
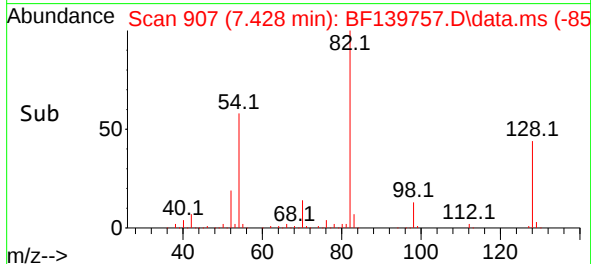
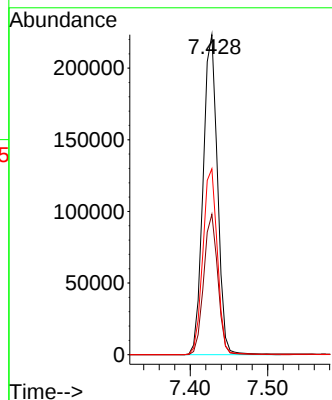
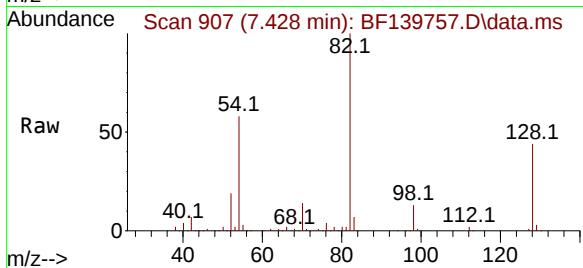
Tgt Ion: 82 Resp: 287344

Ion Ratio Lower Upper

82 100

128 43.8 32.4 48.6

54 58.1 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

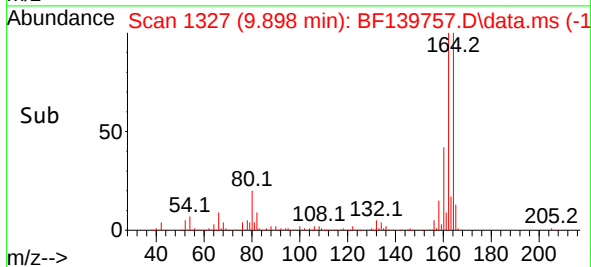
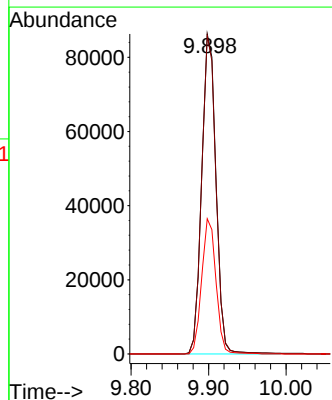
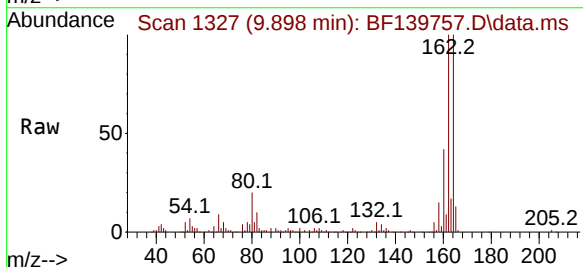
Tgt Ion:164 Resp: 110453

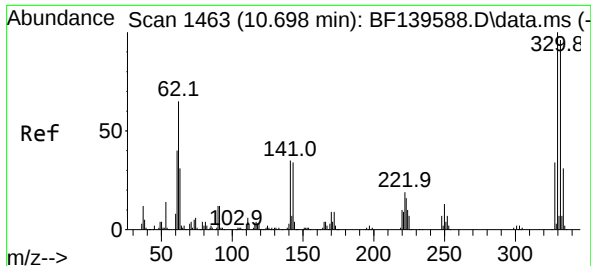
Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

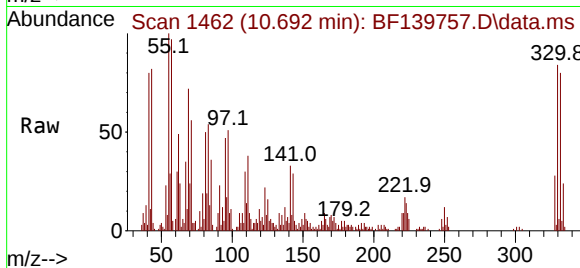
160 42.3 35.1 52.7



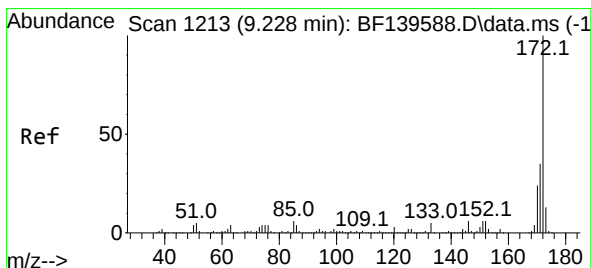
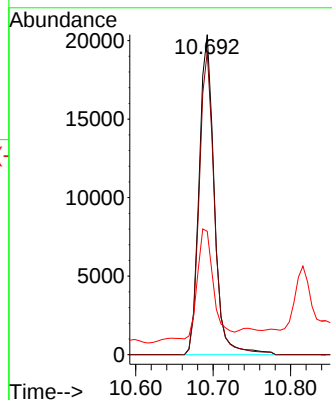
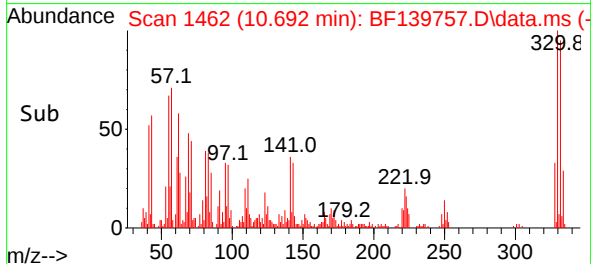


#42
2,4,6-Tribromophenol
Concen: 25.987 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-10

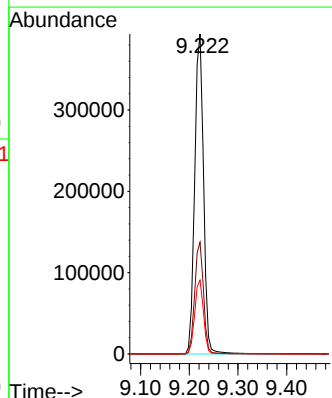
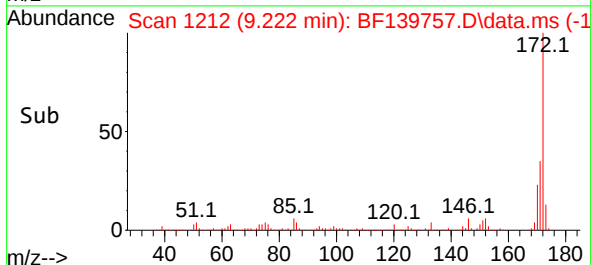
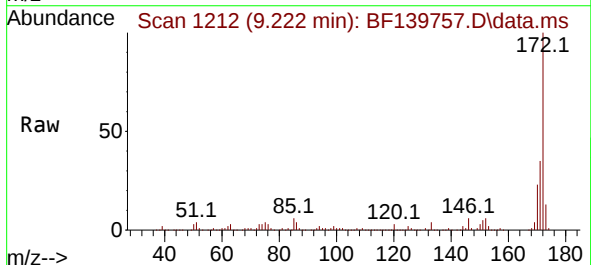


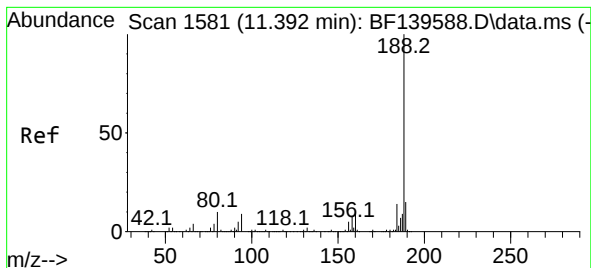
Tgt Ion: 330 Resp: 27709
Ion Ratio Lower Upper
330 100
332 94.9 76.5 114.7
141 36.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.237 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139757.D
Acq: 10 Oct 2024 20:21

Tgt Ion: 172 Resp: 498146
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-10

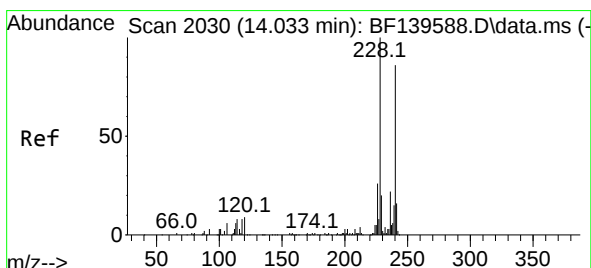
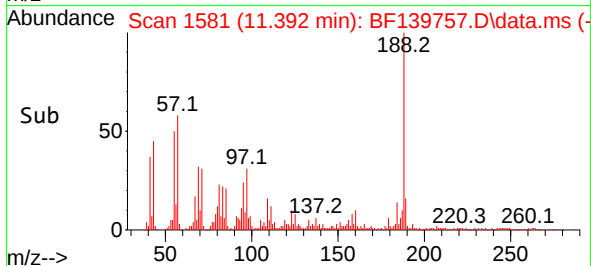
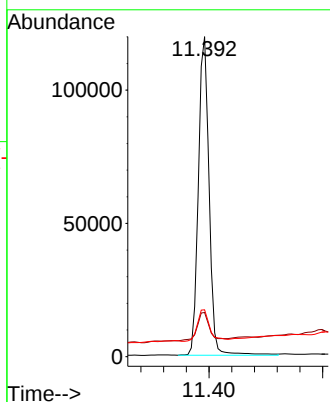
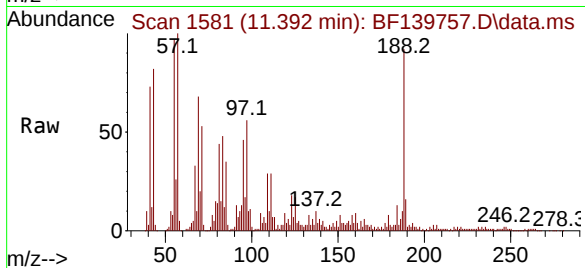
Tgt Ion:188 Resp: 156818

Ion Ratio Lower Upper

188 100

94 13.8 7.4 11.2#

80 14.7 8.2 12.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

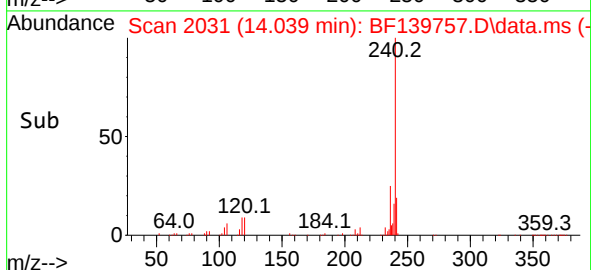
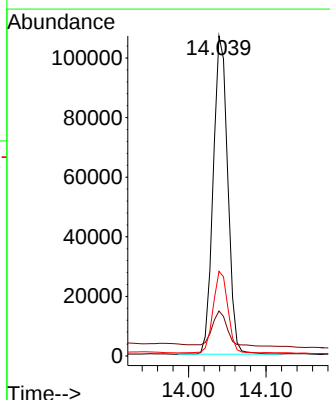
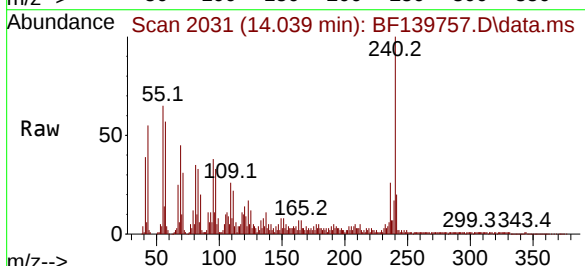
Tgt Ion:240 Resp: 139320

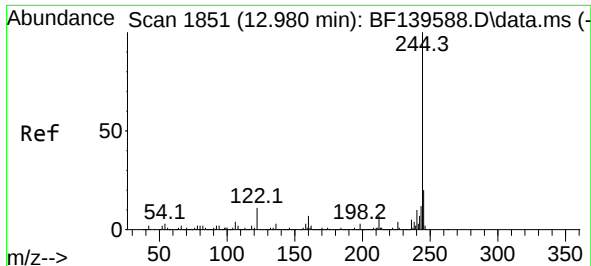
Ion Ratio Lower Upper

240 100

120 14.1 8.4 12.6#

236 26.5 20.3 30.5

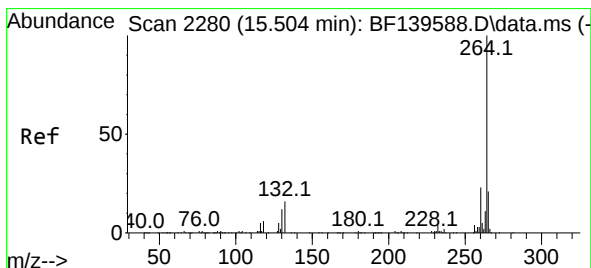
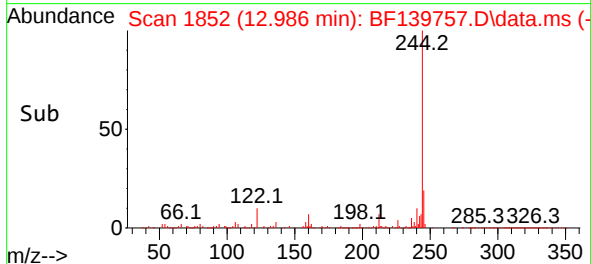
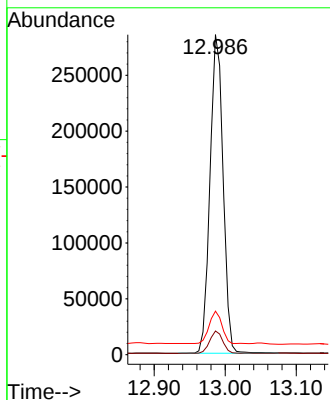
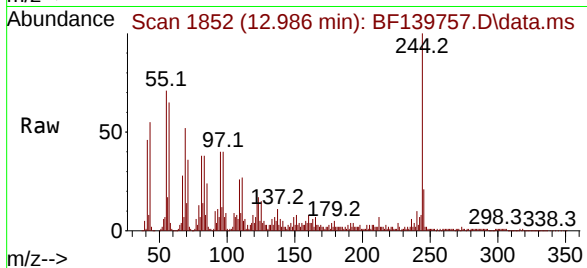




#79
 Terphenyl-d14
 Concen: 43.058 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139757.D
 Acq: 10 Oct 2024 20:21

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-10

Tgt Ion:244 Resp: 365600
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 13.6 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF139757.D
 Acq: 10 Oct 2024 20:21

Tgt Ion:264 Resp: 153715
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.6 16.9 25.3

