

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139755.D
 Acq On : 10 Oct 2024 19:24
 Operator : RC/JU
 Sample : P4375-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-8

Quant Time: Oct 10 23:19:47 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	71307	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	269668	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	146785	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	247241	20.000	ng	0.00
76) Chrysene-d12	14.027	240	141950	20.000	ng	0.00
86) Perylene-d12	15.498	264	151897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	158152	38.442	ng	0.00
7) Phenol-d6	6.492	99	241156	43.589	ng	-0.01
23) Nitrobenzene-d5	7.428	82	164254	30.839	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	37888	26.739	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	332570	34.783	ng	0.00
79) Terphenyl-d14	12.968	244	270738	31.295	ng	-0.01

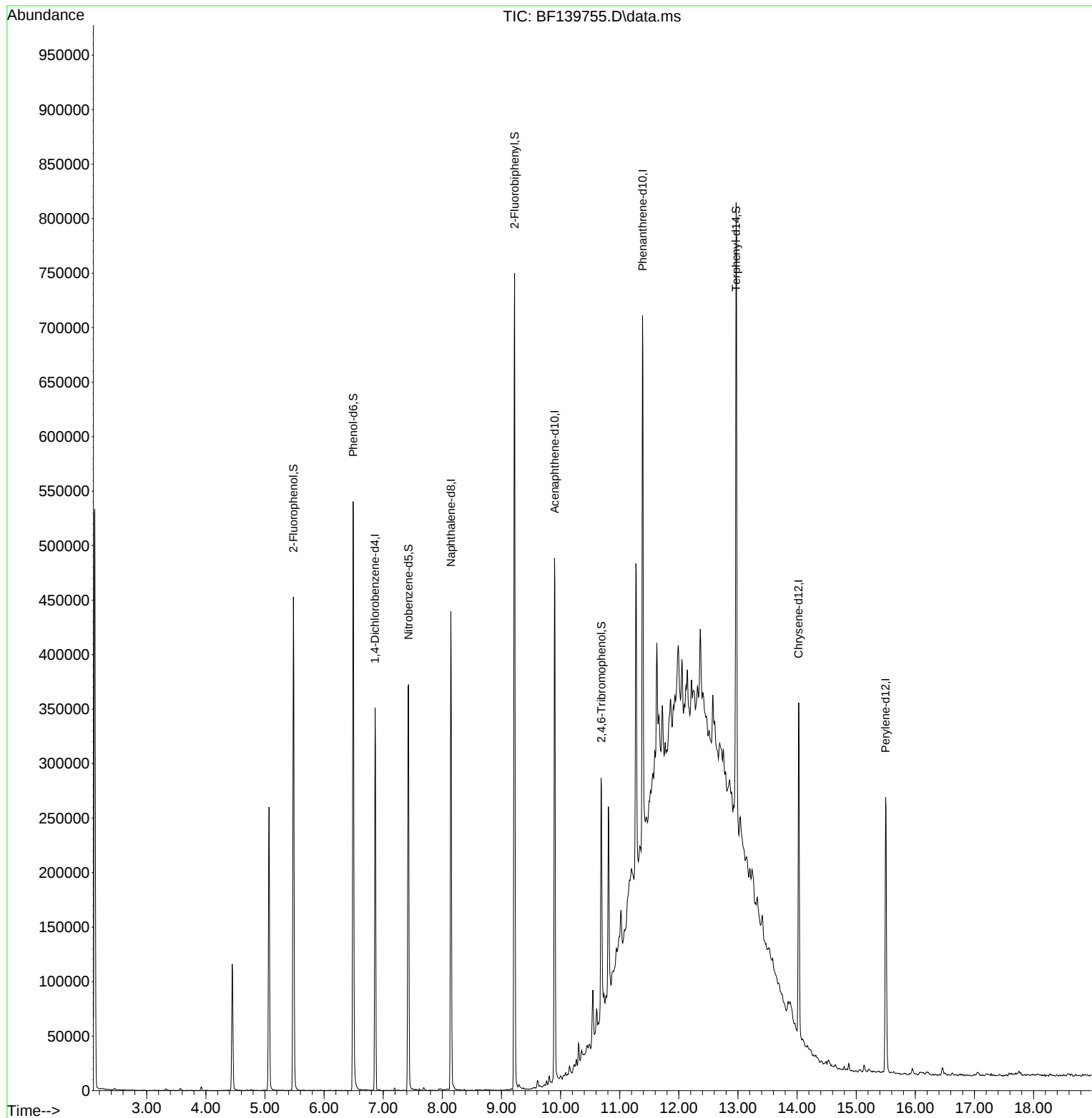
Target Compounds	Qvalue

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

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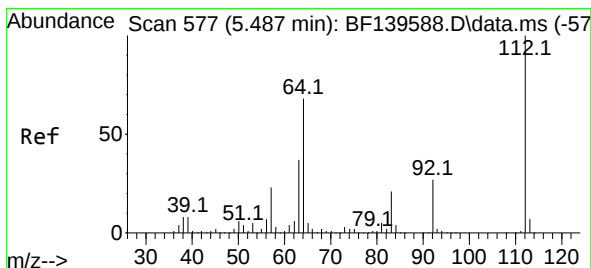
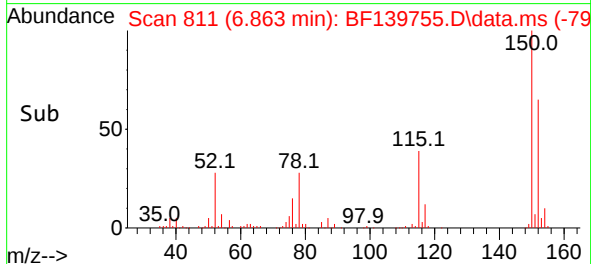
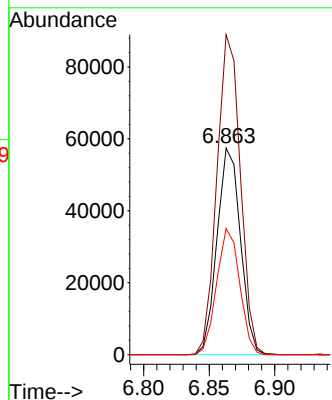
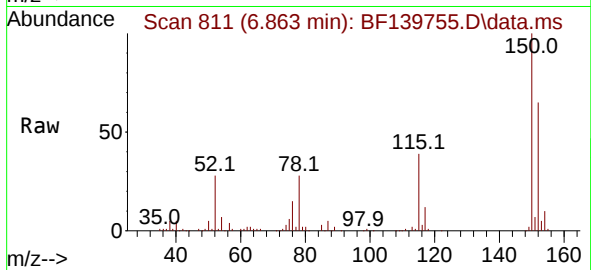




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139755.D
 Acq: 10 Oct 2024 19:24

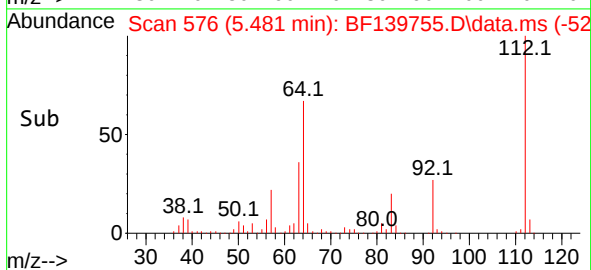
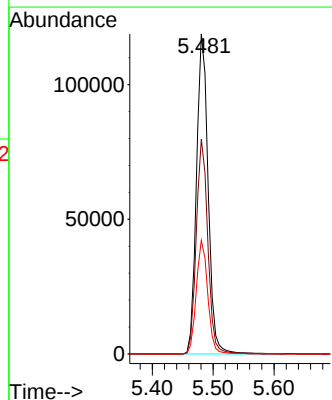
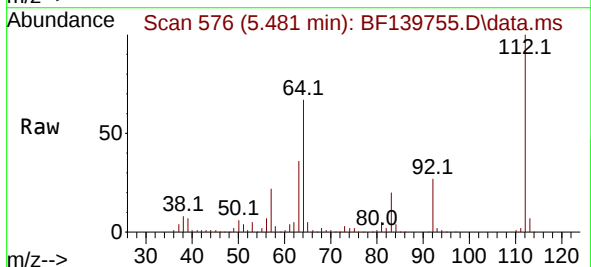
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-8

Tgt Ion:152 Resp: 71307
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.2 190.8
 115 61.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 38.442 ng
 RT: 5.481 min Scan# 576
 Delta R.T. -0.006 min
 Lab File: BF139755.D
 Acq: 10 Oct 2024 19:24

Tgt Ion:112 Resp: 158152
 Ion Ratio Lower Upper
 112 100
 64 67.1 54.2 81.4
 63 35.5 29.4 44.2

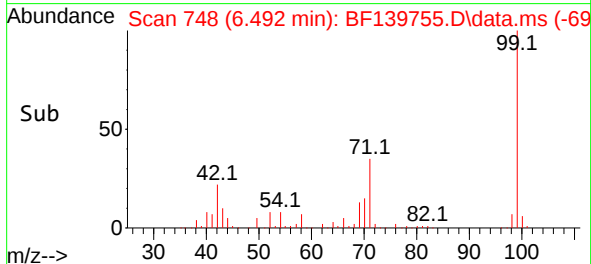
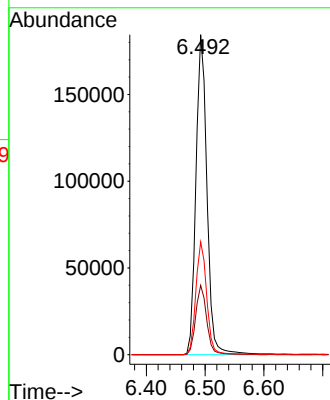
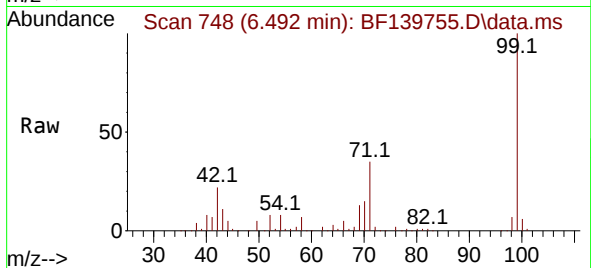




#7
Phenol-d6
Concen: 43.589 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139755.D
Acq: 10 Oct 2024 19:24

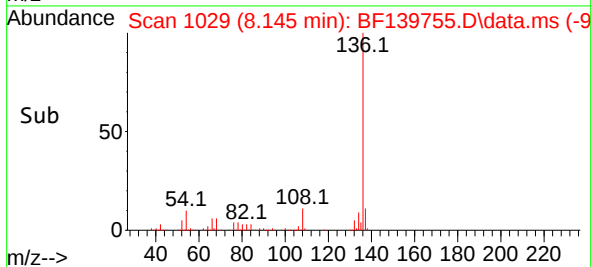
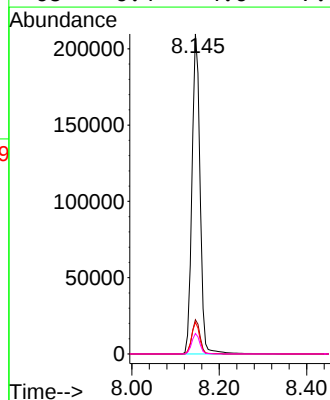
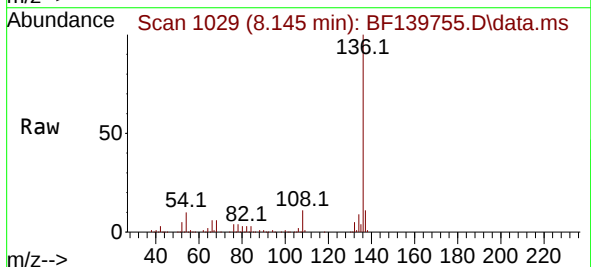
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-8

Tgt Ion: 99 Resp: 241156
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 35.2 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: BF139755.D
Acq: 10 Oct 2024 19:24

Tgt Ion: 136 Resp: 269668
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 8.3 12.5
68 6.4 4.6 7.0

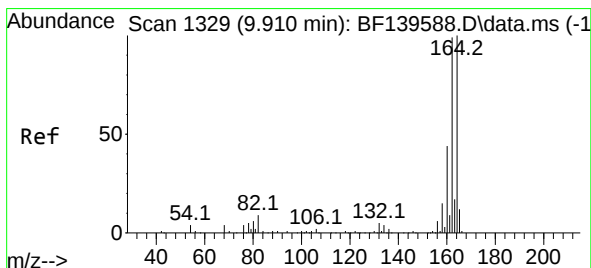
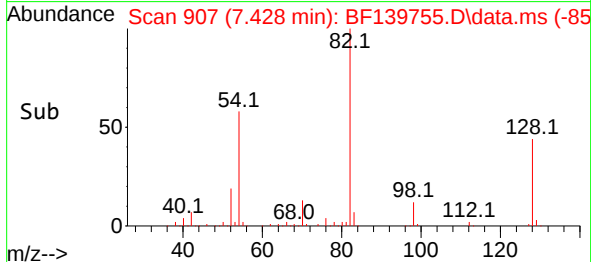
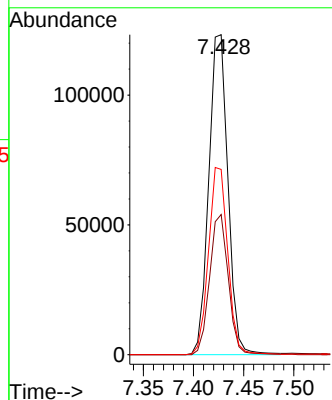
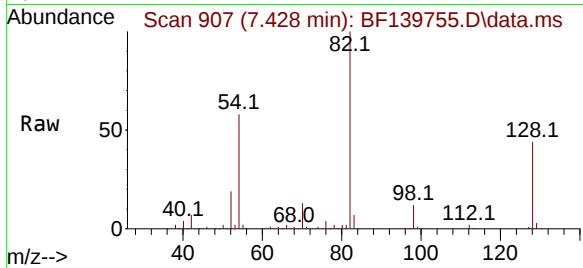




#23
Nitrobenzene-d5
Concen: 30.839 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139755.D
Acq: 10 Oct 2024 19:24

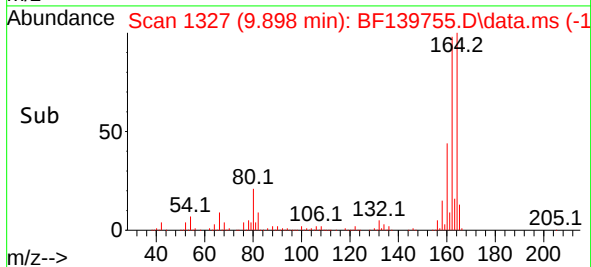
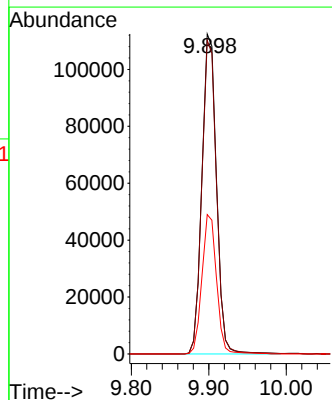
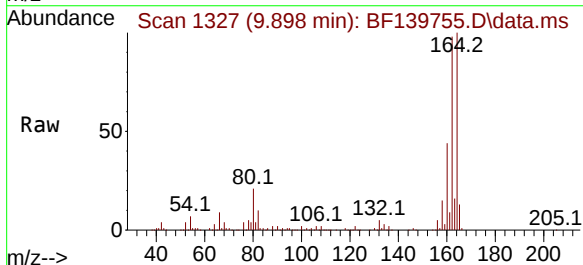
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-8

Tgt Ion: 82 Resp: 164254
Ion Ratio Lower Upper
82 100
128 43.8 32.4 48.6
54 57.9 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: BF139755.D
Acq: 10 Oct 2024 19:24

Tgt Ion:164 Resp: 146785
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.0
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 26.739 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139755.D

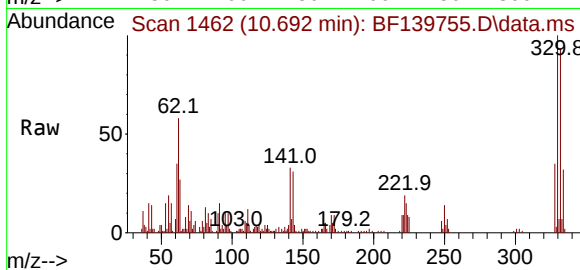
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Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-8



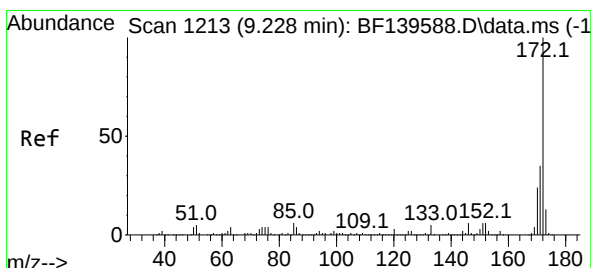
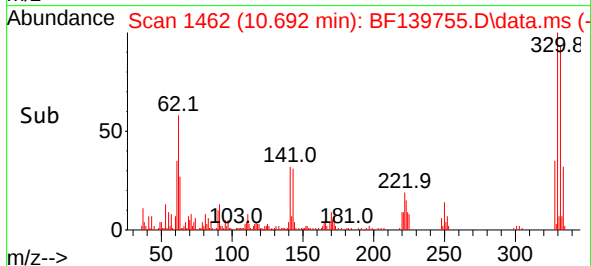
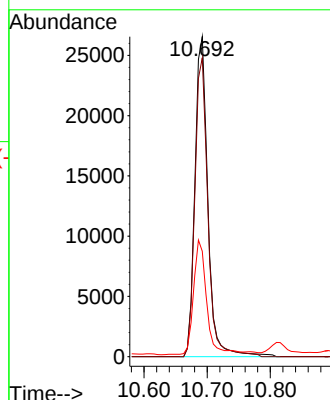
Tgt Ion: 330 Resp: 37888

Ion Ratio Lower Upper

330 100

332 93.5 76.5 114.7

141 35.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 34.783 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139755.D

Acq: 10 Oct 2024 19:24

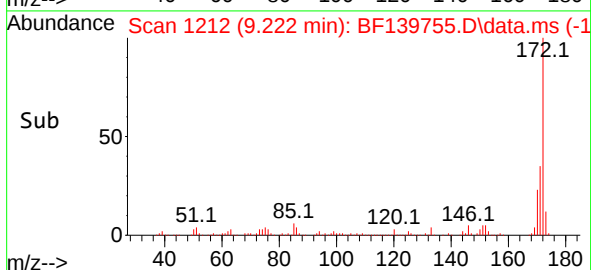
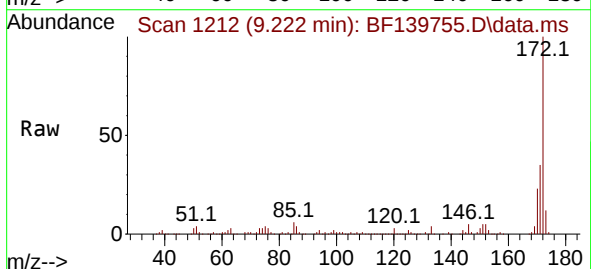
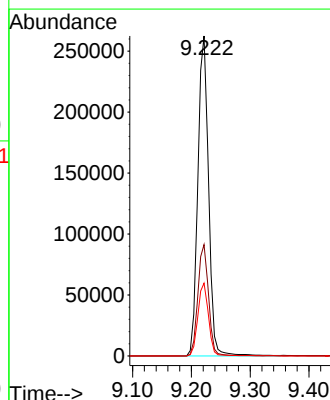
Tgt Ion: 172 Resp: 332570

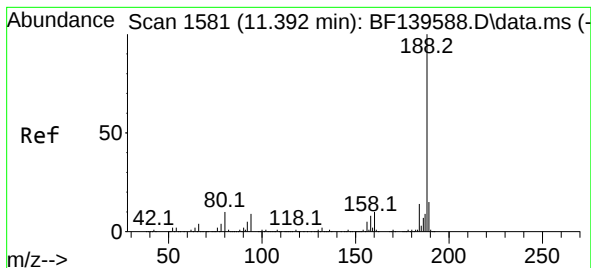
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139755.D

Acq: 10 Oct 2024 19:24

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-8

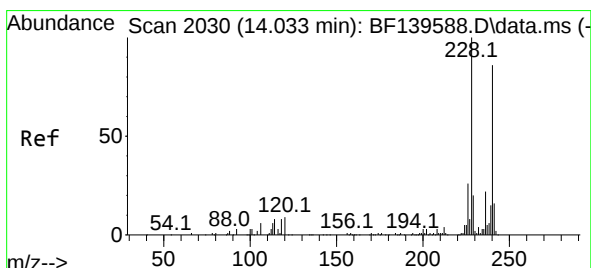
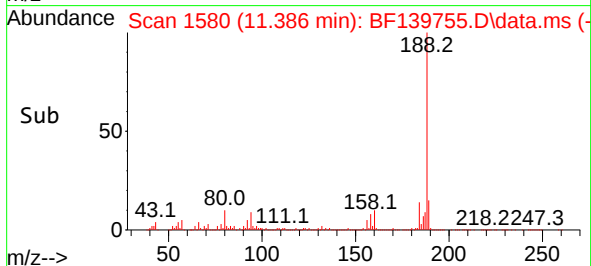
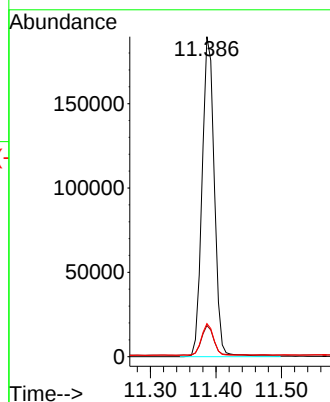
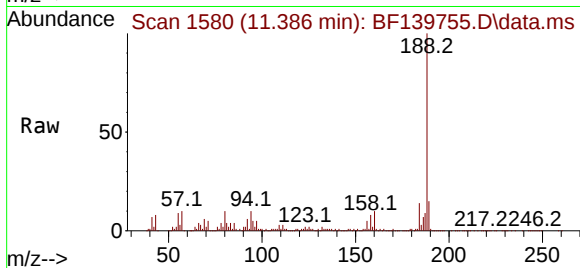
Tgt Ion:188 Resp: 247241

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.3 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139755.D

Acq: 10 Oct 2024 19:24

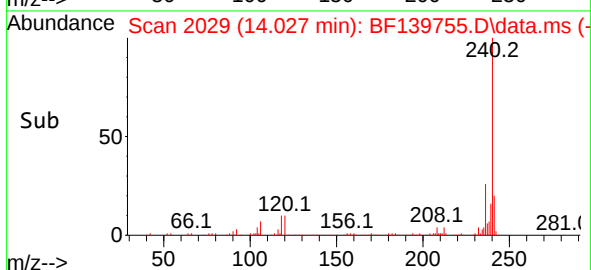
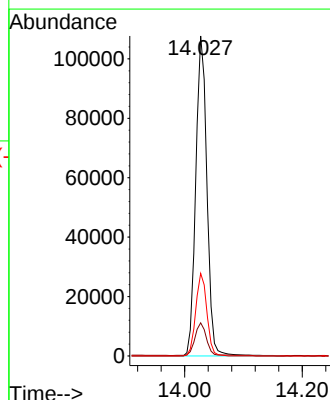
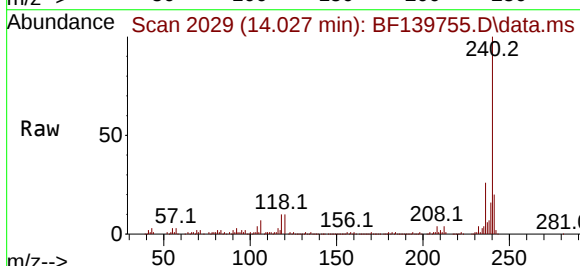
Tgt Ion:240 Resp: 141950

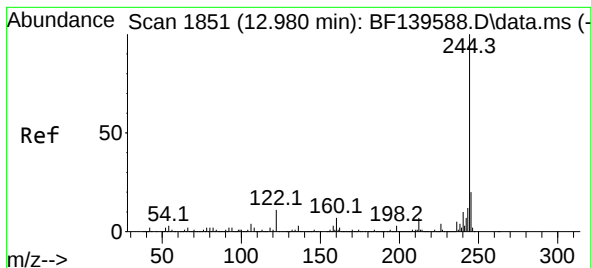
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 31.295 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139755.D

Acq: 10 Oct 2024 19:24

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-8

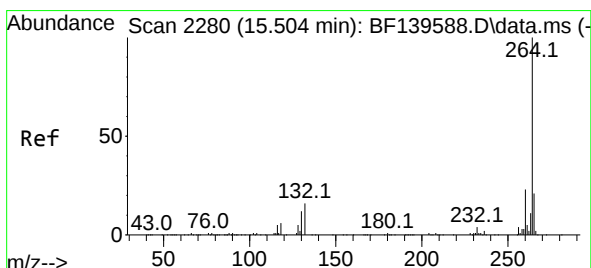
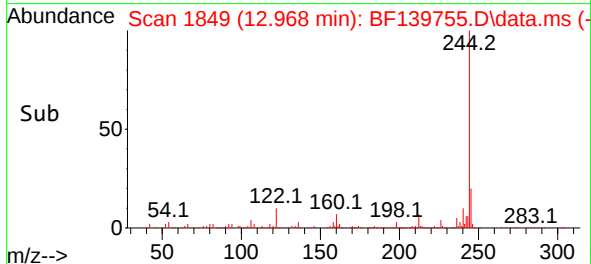
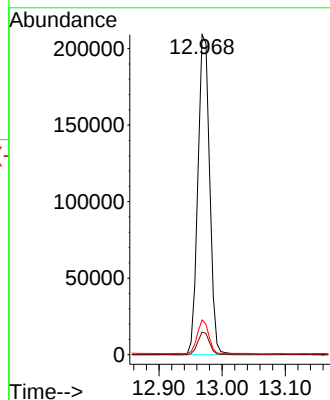
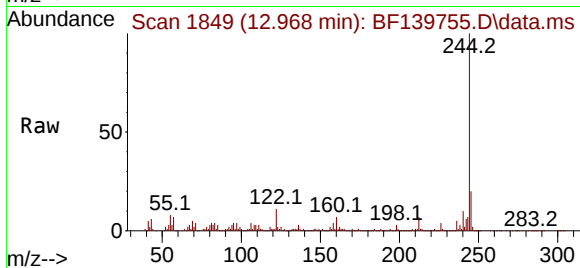
Tgt Ion:244 Resp: 270738

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139755.D

Acq: 10 Oct 2024 19:24

Tgt Ion:264 Resp: 151897

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.0 16.9 25.3

