

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139750.D
Acq On : 10 Oct 2024 17:01
Operator : RC/JU
Sample : P4375-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

Quant Time: Oct 10 17:34:26 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	77865	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	291977	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	159225	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	275198	20.000	ng	0.00
76) Chrysene-d12	14.027	240	160112	20.000	ng	0.00
86) Perylene-d12	15.504	264	168695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	231740	51.584	ng	0.00
7) Phenol-d6	6.498	99	422142	69.875	ng	0.00
23) Nitrobenzene-d5	7.428	82	342336	59.363	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	44975	29.260	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	644640	62.154	ng	0.00
79) Terphenyl-d14	12.974	244	564178	57.817	ng	0.00

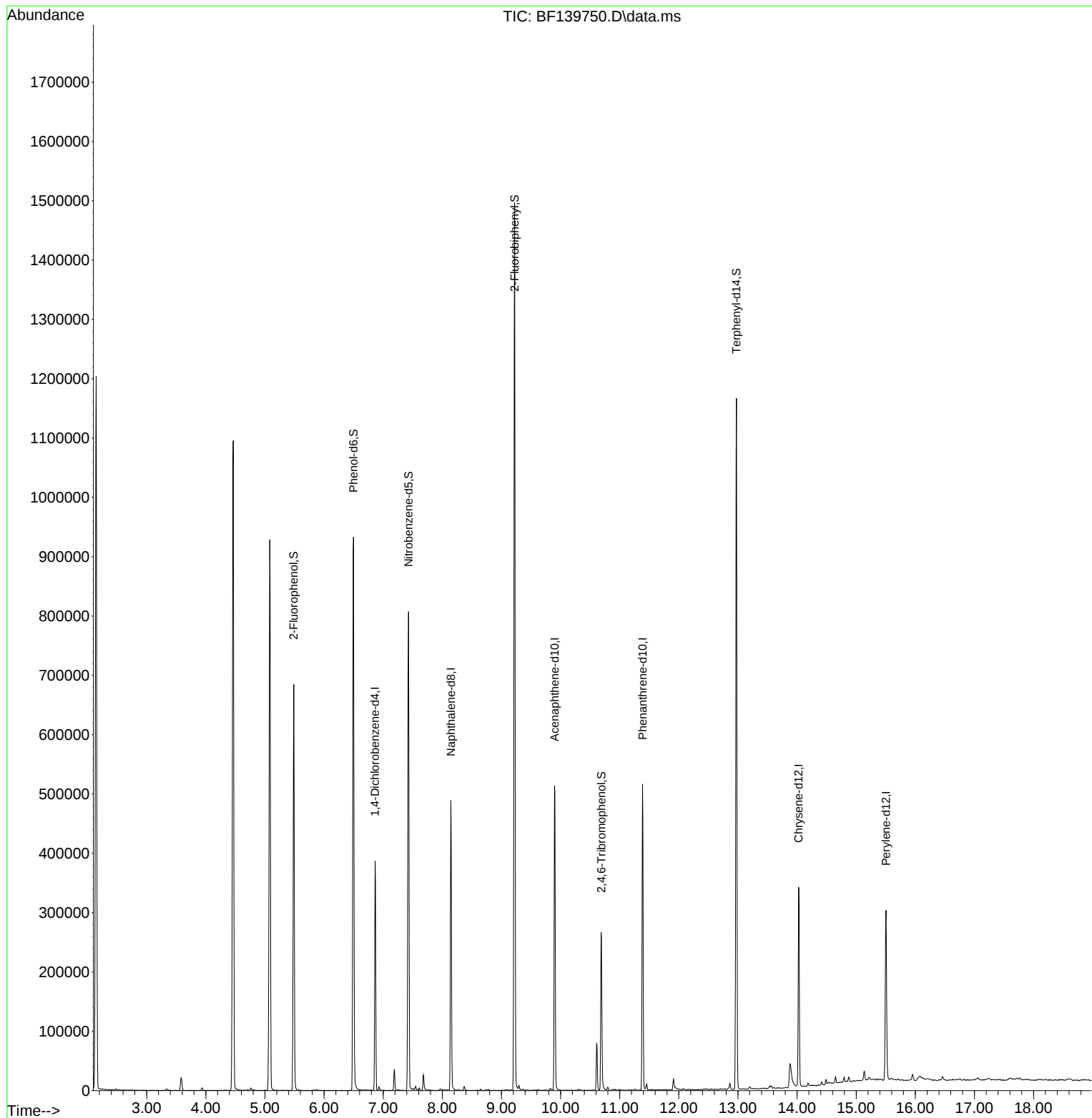
Target Compounds	Qvalue

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

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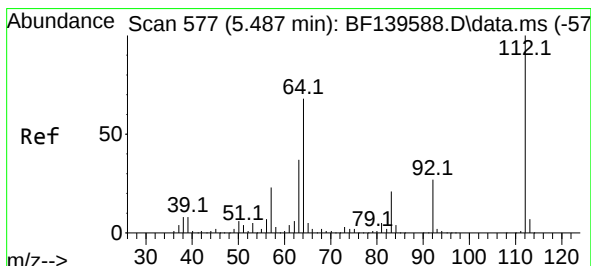
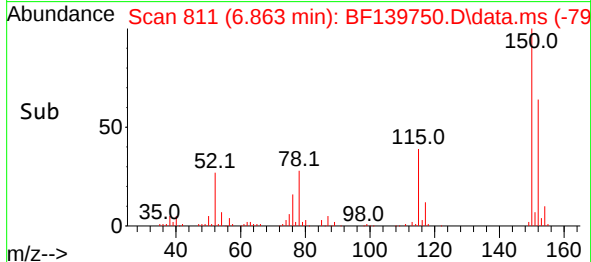
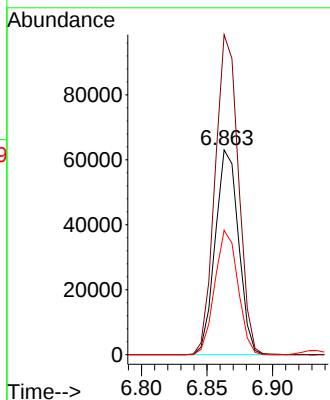
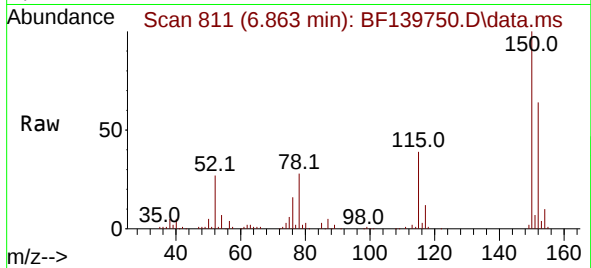




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

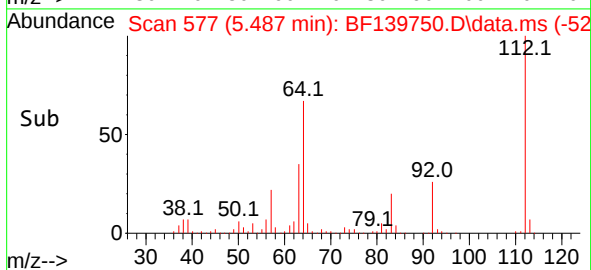
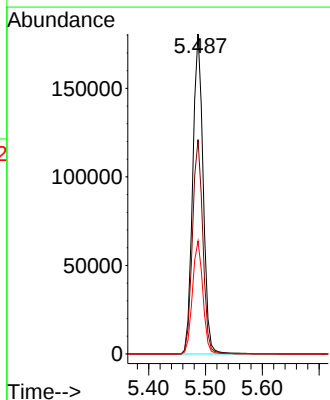
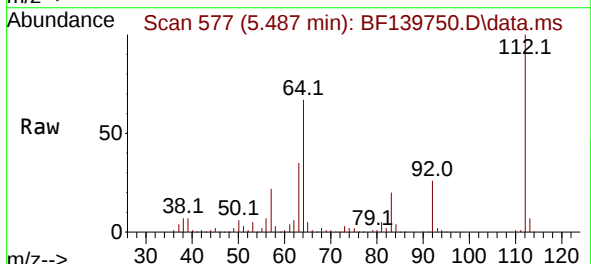
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

Tgt Ion:152 Resp: 77865
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 51.584 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:112 Resp: 231740
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 35.3 29.4 44.2

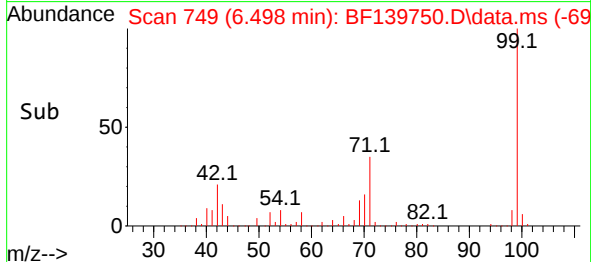
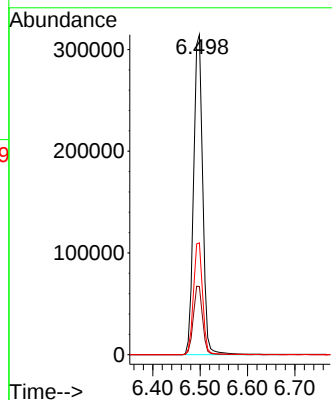
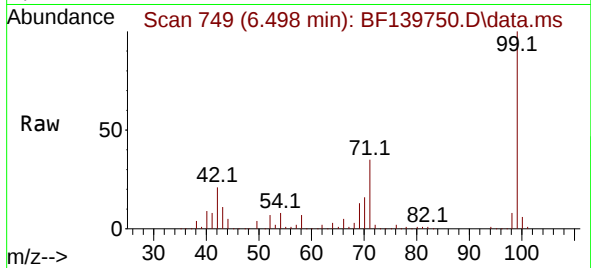




#7
Phenol-d6
Concen: 69.875 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

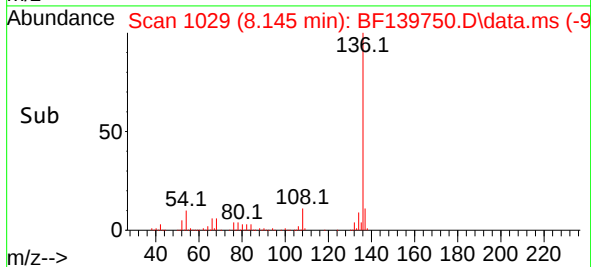
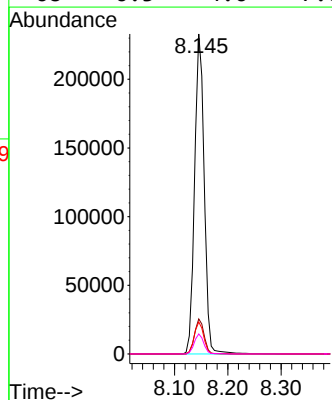
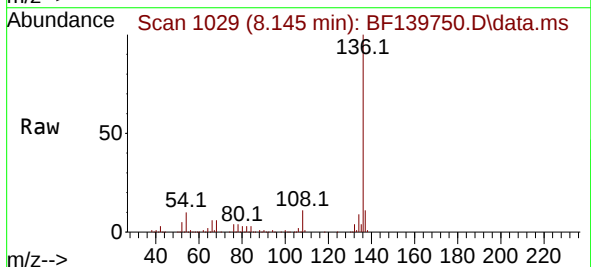
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

Tgt Ion: 99 Resp: 422142
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 35.0 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: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion: 136 Resp: 291977
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.0 8.3 12.5
68 6.3 4.6 7.0

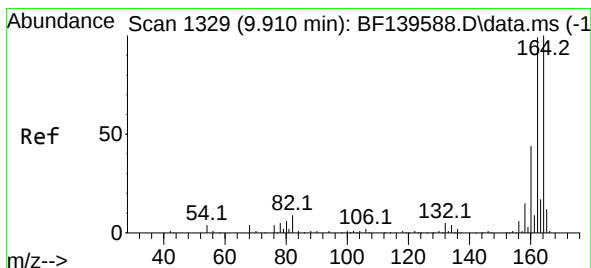
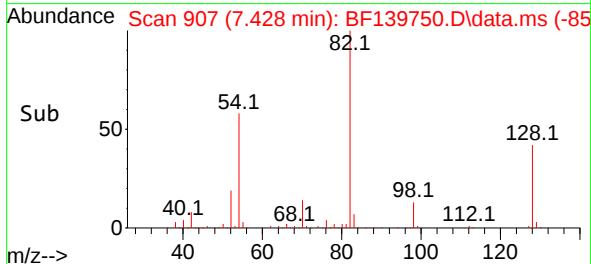
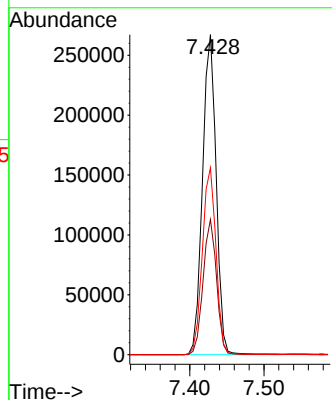
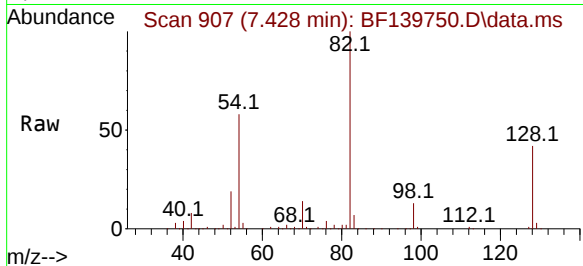




#23
Nitrobenzene-d5
Concen: 59.363 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

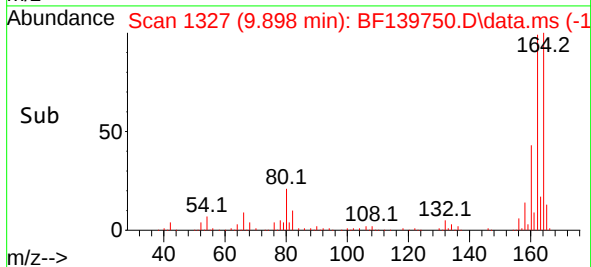
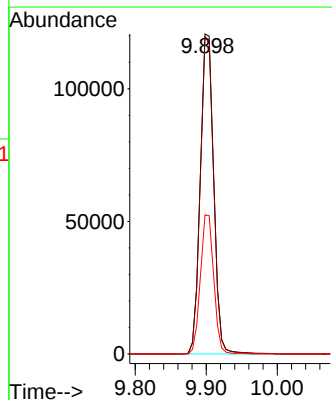
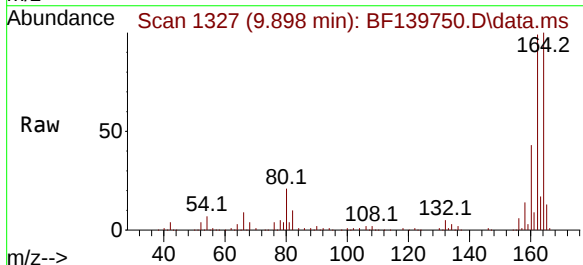
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

Tgt Ion: 82 Resp: 342336
Ion Ratio Lower Upper
82 100
128 42.2 32.4 48.6
54 58.4 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: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:164 Resp: 159225
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 29.260 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139750.D

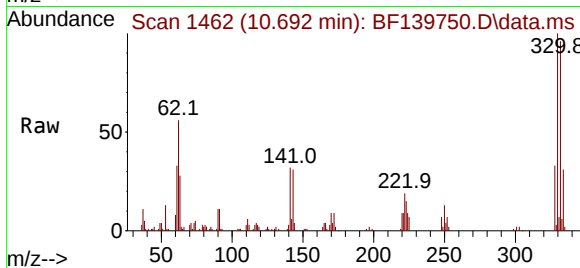
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Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-3



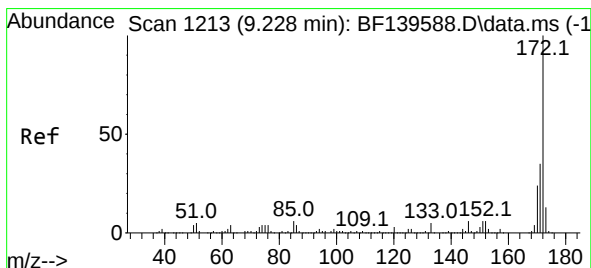
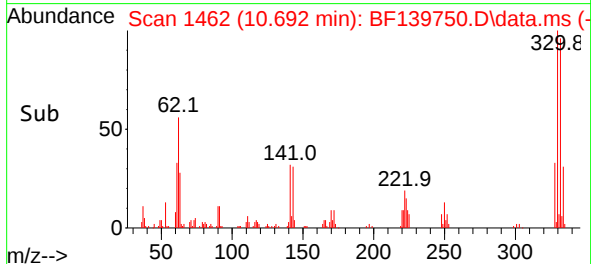
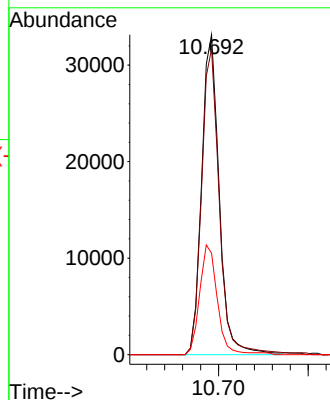
Tgt Ion:330 Resp: 44975

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 34.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 62.154 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139750.D

Acq: 10 Oct 2024 17:01

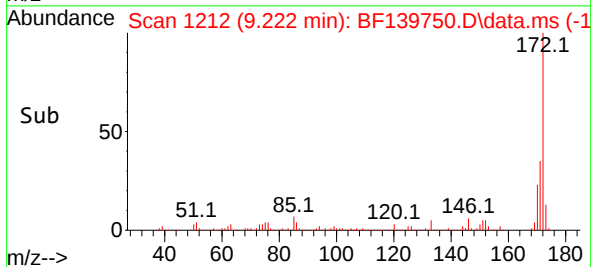
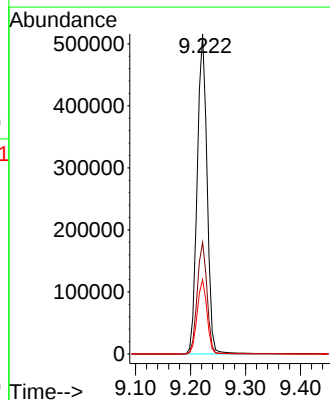
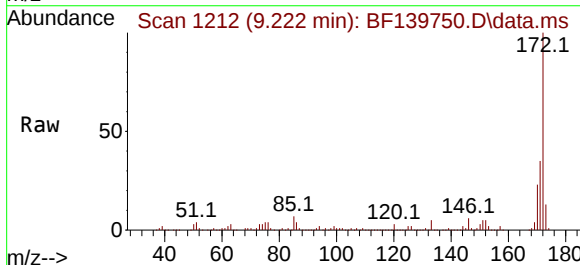
Tgt Ion:172 Resp: 644640

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.2 18.8 28.2

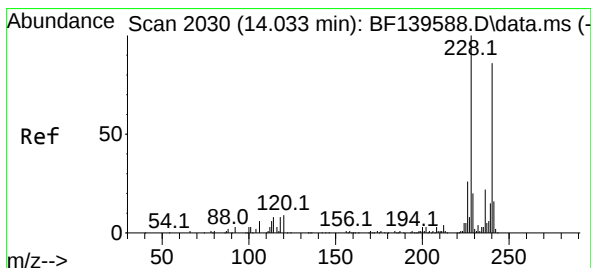
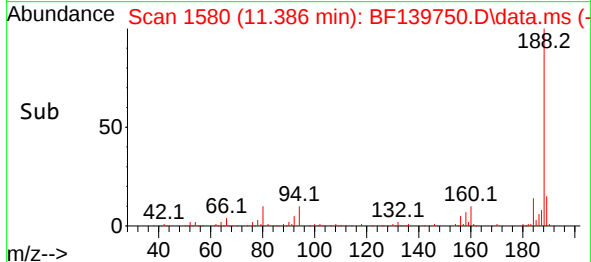
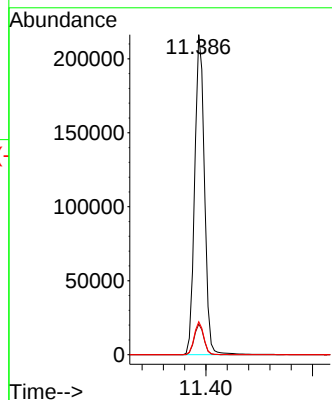
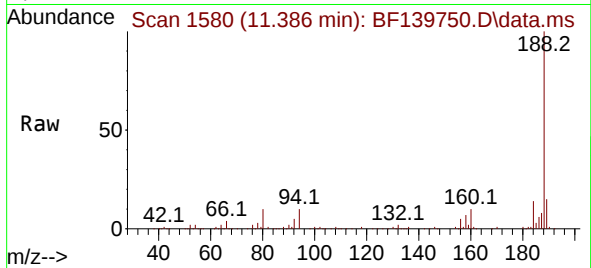




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

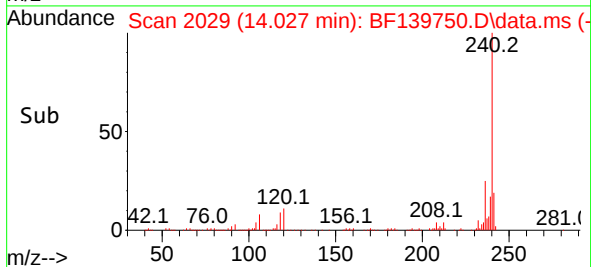
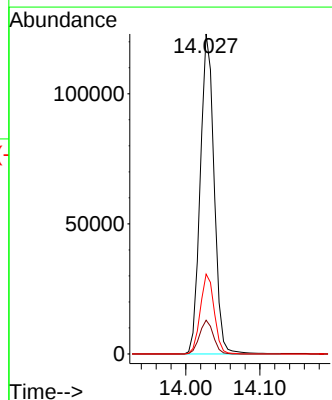
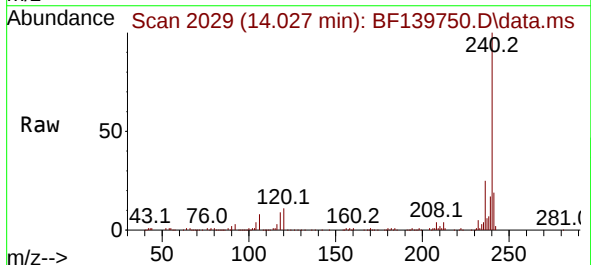
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

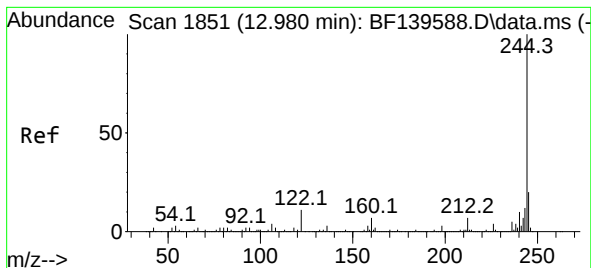
Tgt Ion:188 Resp: 275198
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:240 Resp: 160112
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 57.817 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139750.D

Acq: 10 Oct 2024 17:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-3

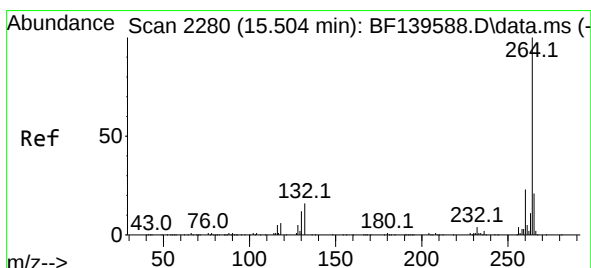
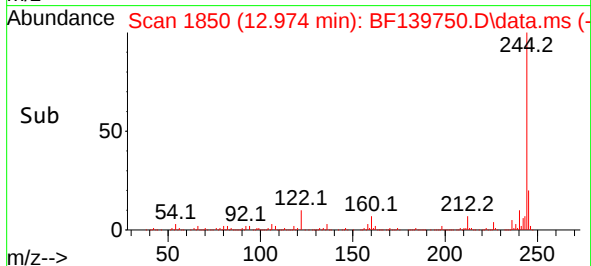
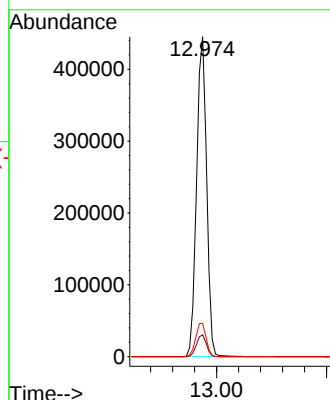
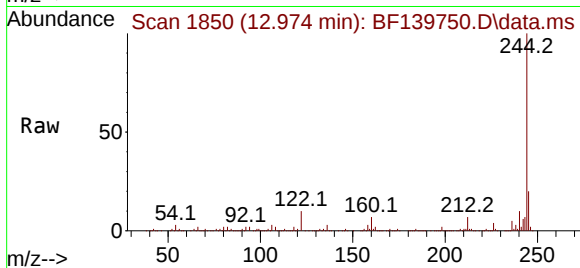
Tgt Ion:244 Resp: 564178

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.5 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: BF139750.D

Acq: 10 Oct 2024 17:01

Tgt Ion:264 Resp: 168695

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.3 16.9 25.3

