

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139756.D
 Acq On : 10 Oct 2024 19:52
 Operator : RC/JU
 Sample : P4375-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-9

Quant Time: Oct 10 23:20:03 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	73852	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	279591	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	153732	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	267436	20.000	ng	0.00
76) Chrysene-d12	14.027	240	151911	20.000	ng	0.00
86) Perylene-d12	15.504	264	160794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	314041	73.703	ng	0.00
7) Phenol-d6	6.498	99	468267	81.722	ng	0.00
23) Nitrobenzene-d5	7.428	82	327066	59.227	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	83464	56.241	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	634032	63.315	ng	0.00
79) Terphenyl-d14	12.968	244	562079	60.712	ng	-0.01

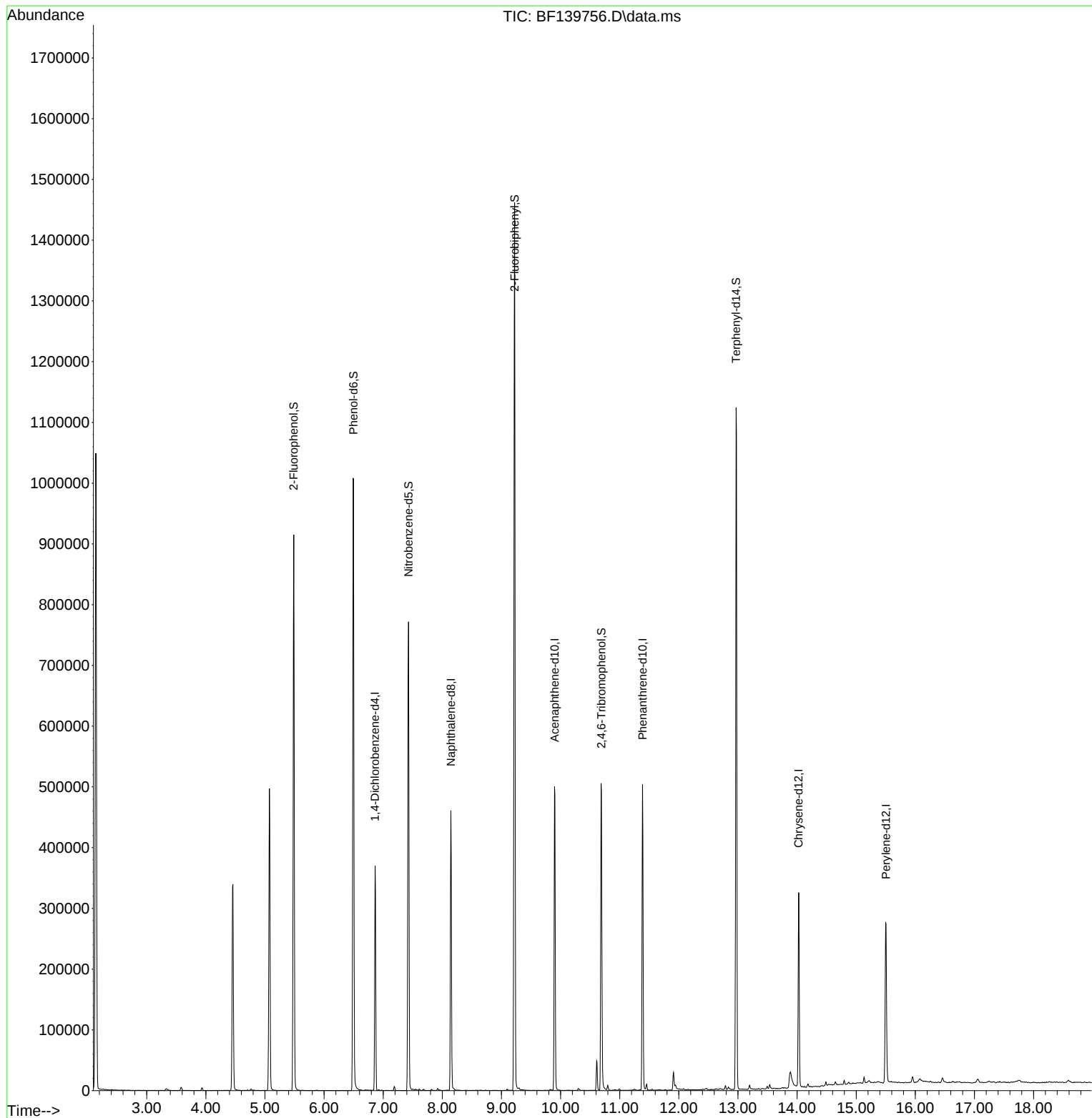
Target Compounds	Qvalue

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

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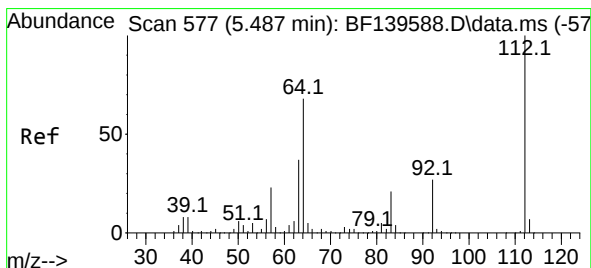
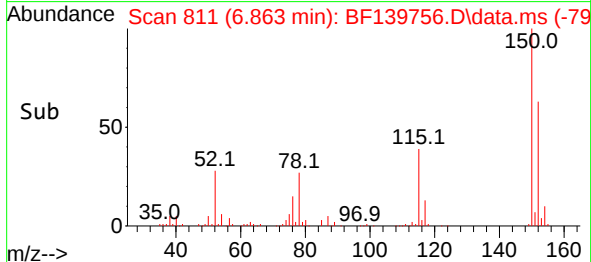
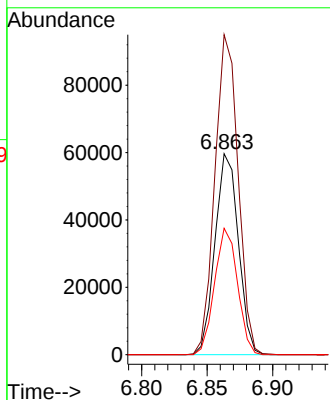
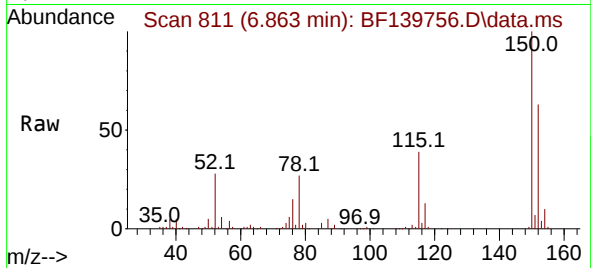




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

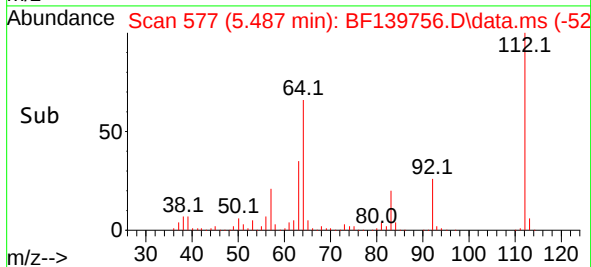
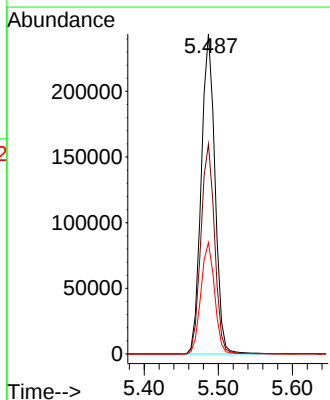
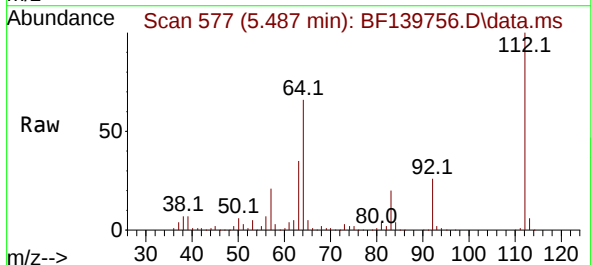
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-9

Tgt Ion:152 Resp: 73852
Ion Ratio Lower Upper
152 100
150 159.3 127.2 190.8
115 62.9 49.0 73.4



#5
2-Fluorophenol
Concen: 73.703 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

Tgt Ion:112 Resp: 314041
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 34.8 29.4 44.2

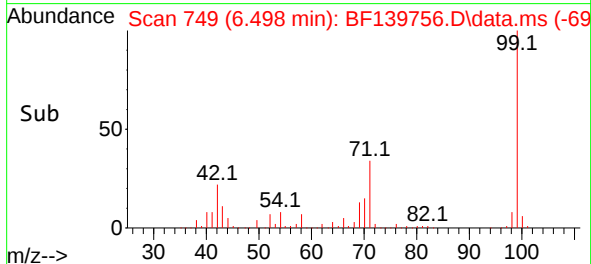
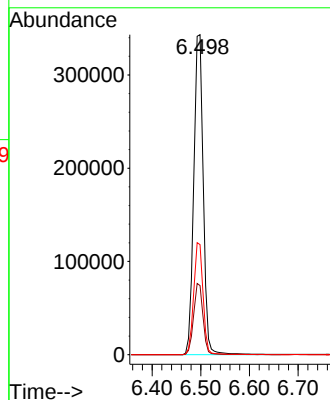
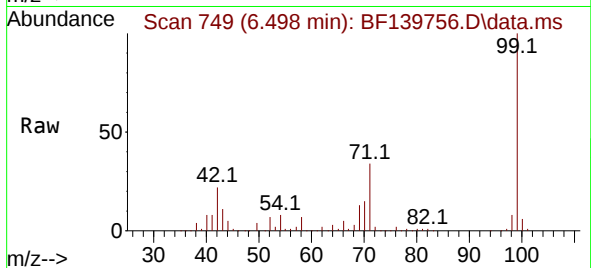




#7
Phenol-d6
Concen: 81.722 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

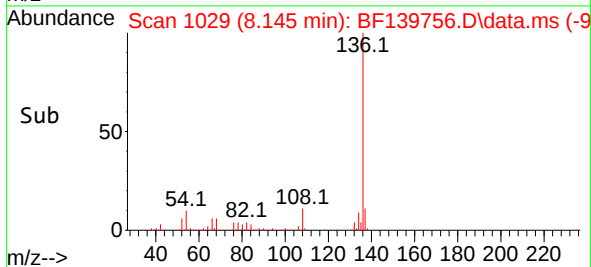
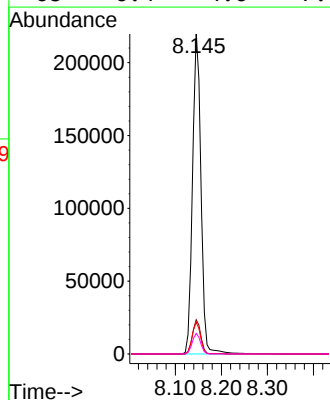
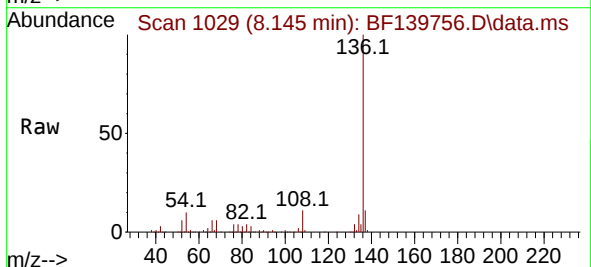
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-9

Tgt Ion: 99 Resp: 468267
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 34.4 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: BF139756.D
Acq: 10 Oct 2024 19:52

Tgt Ion: 136 Resp: 279591
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: 59.227 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139756.D

Acq: 10 Oct 2024 19:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-9

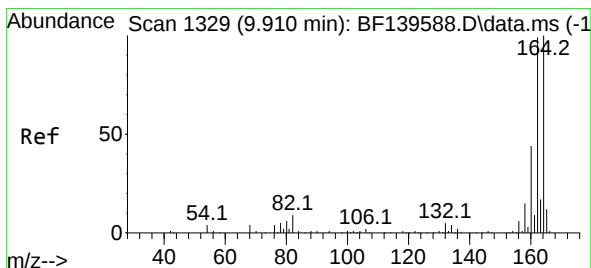
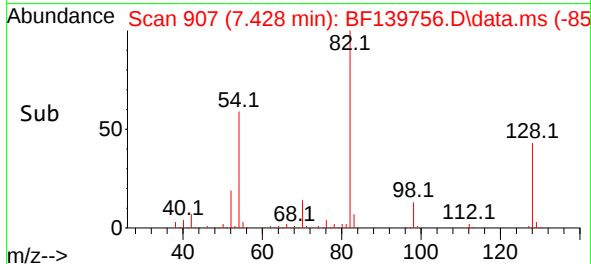
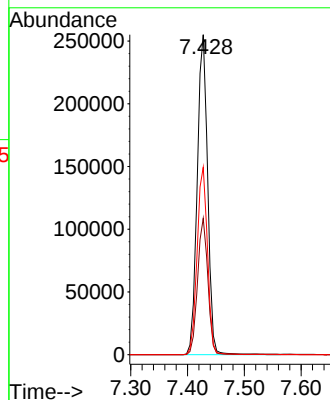
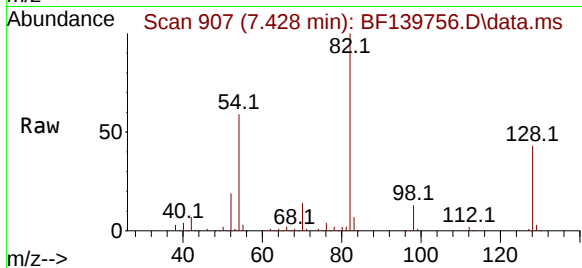
Tgt Ion: 82 Resp: 327066

Ion Ratio Lower Upper

82 100

128 42.6 32.4 48.6

54 58.6 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: BF139756.D

Acq: 10 Oct 2024 19:52

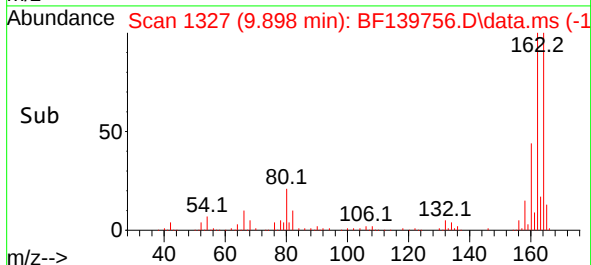
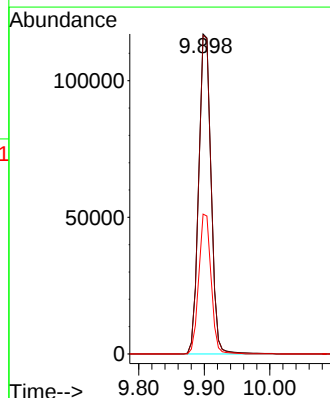
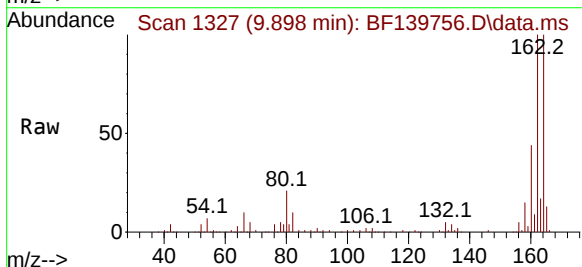
Tgt Ion:164 Resp: 153732

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 43.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 56.241 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139756.D

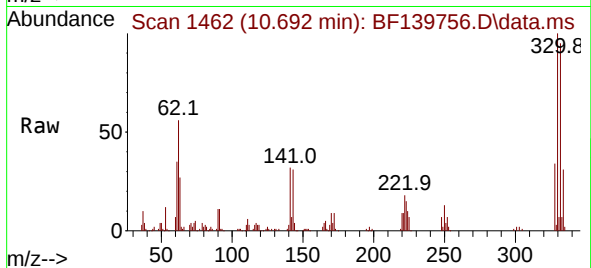
Acq: 10 Oct 2024 19:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-9



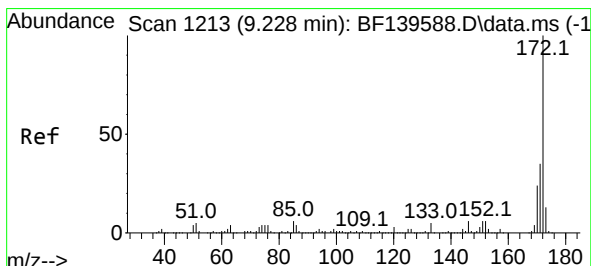
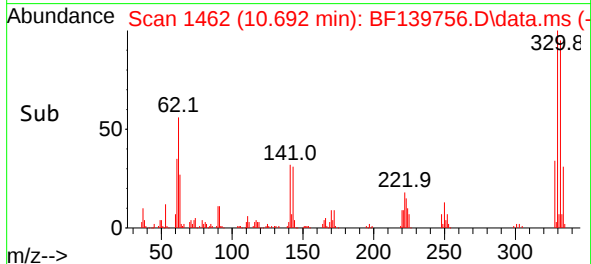
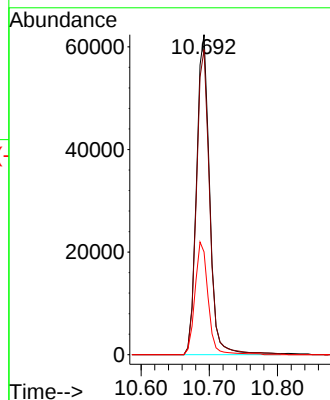
Tgt Ion:330 Resp: 83464

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

141 35.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 63.315 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139756.D

Acq: 10 Oct 2024 19:52

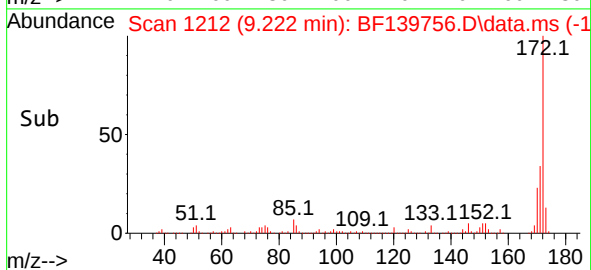
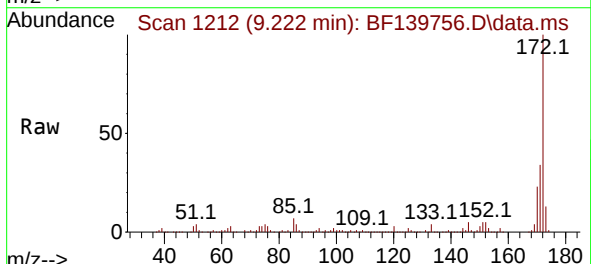
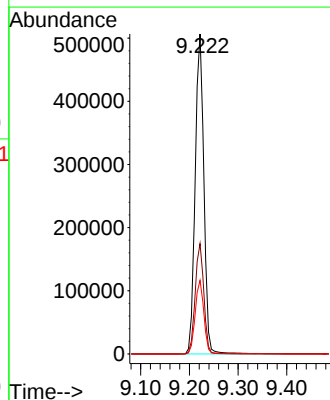
Tgt Ion:172 Resp: 634032

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.0 18.8 28.2

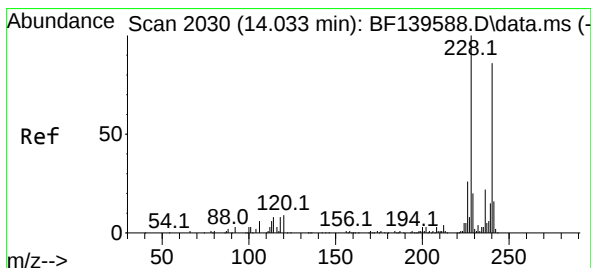
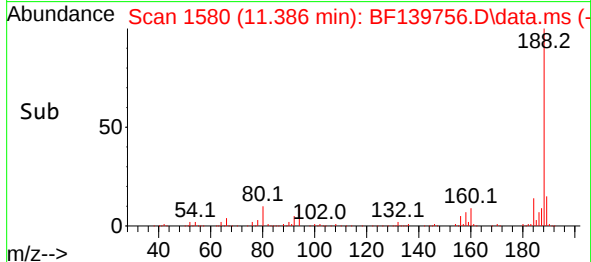
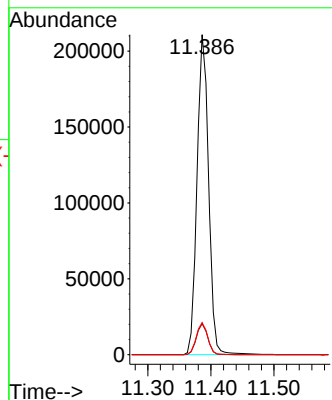
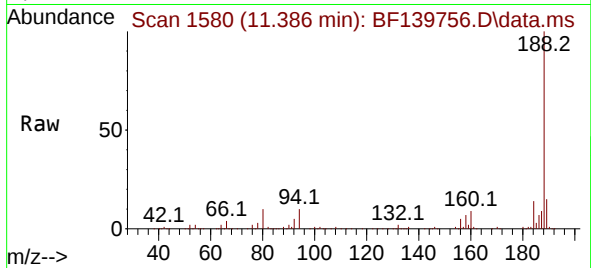




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

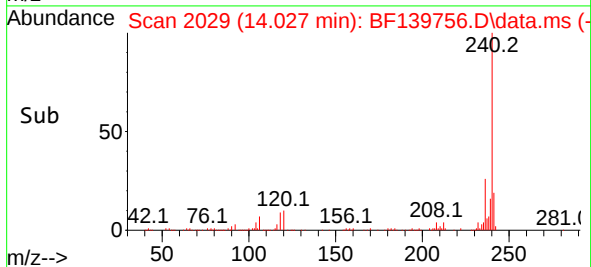
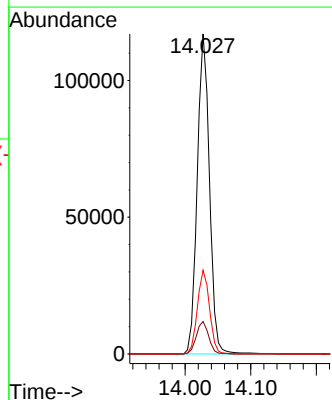
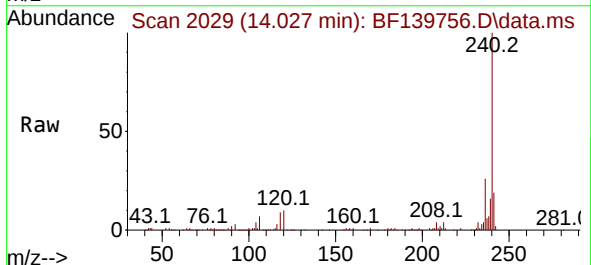
Instrument :
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ClientSampleId :
CONCRETE-PADS-9

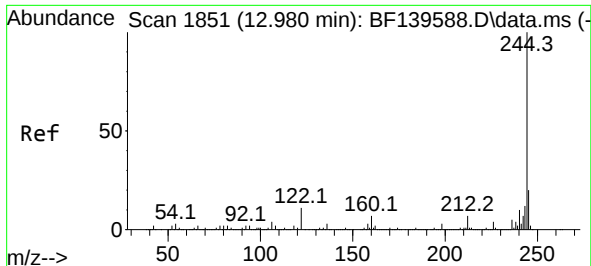
Tgt Ion:188 Resp: 267436
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

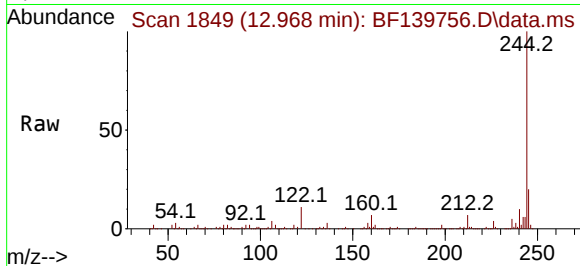
Tgt Ion:240 Resp: 151911
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.1 20.3 30.5



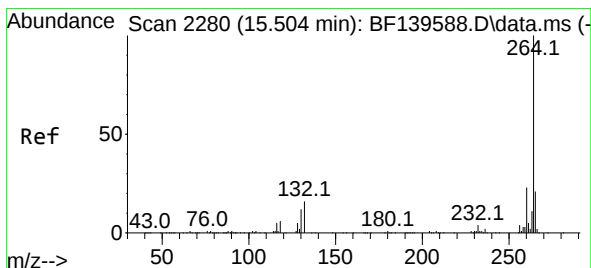
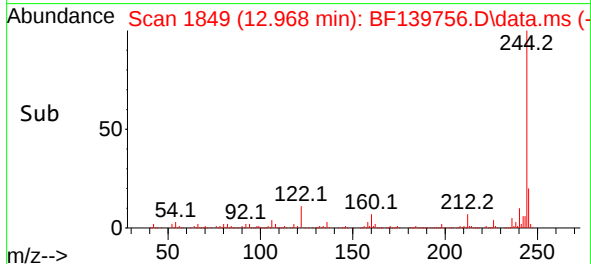
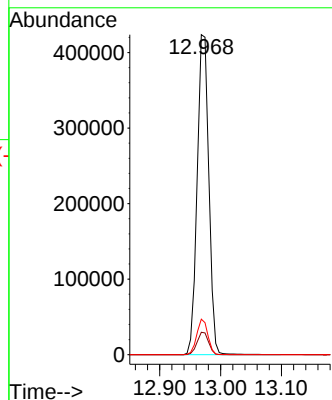


#79
Terphenyl-d14
Concen: 60.712 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139756.D
Acq: 10 Oct 2024 19:52

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-9



Tgt Ion:244 Resp: 562079
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 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: BF139756.D
Acq: 10 Oct 2024 19:52

Tgt Ion:264 Resp: 160794
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 20.6 16.9 25.3

