

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139658.D
 Acq On : 04 Oct 2024 15:32
 Operator : RC/JU
 Sample : P4236-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Oct 04 16:03:07 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	82545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	311134	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174219	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	321488	20.000	ng	0.00
76) Chrysene-d12	14.022	240	183475	20.000	ng	-0.01
86) Perylene-d12	15.492	264	161151	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	725982	152.439	ng	0.01
7) Phenol-d6	6.499	99	874899	136.607	ng	0.00
23) Nitrobenzene-d5	7.428	82	695298	113.145	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	268333	159.551	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1245356	109.738	ng	0.00
79) Terphenyl-d14	12.975	244	1234282	110.383	ng	0.00

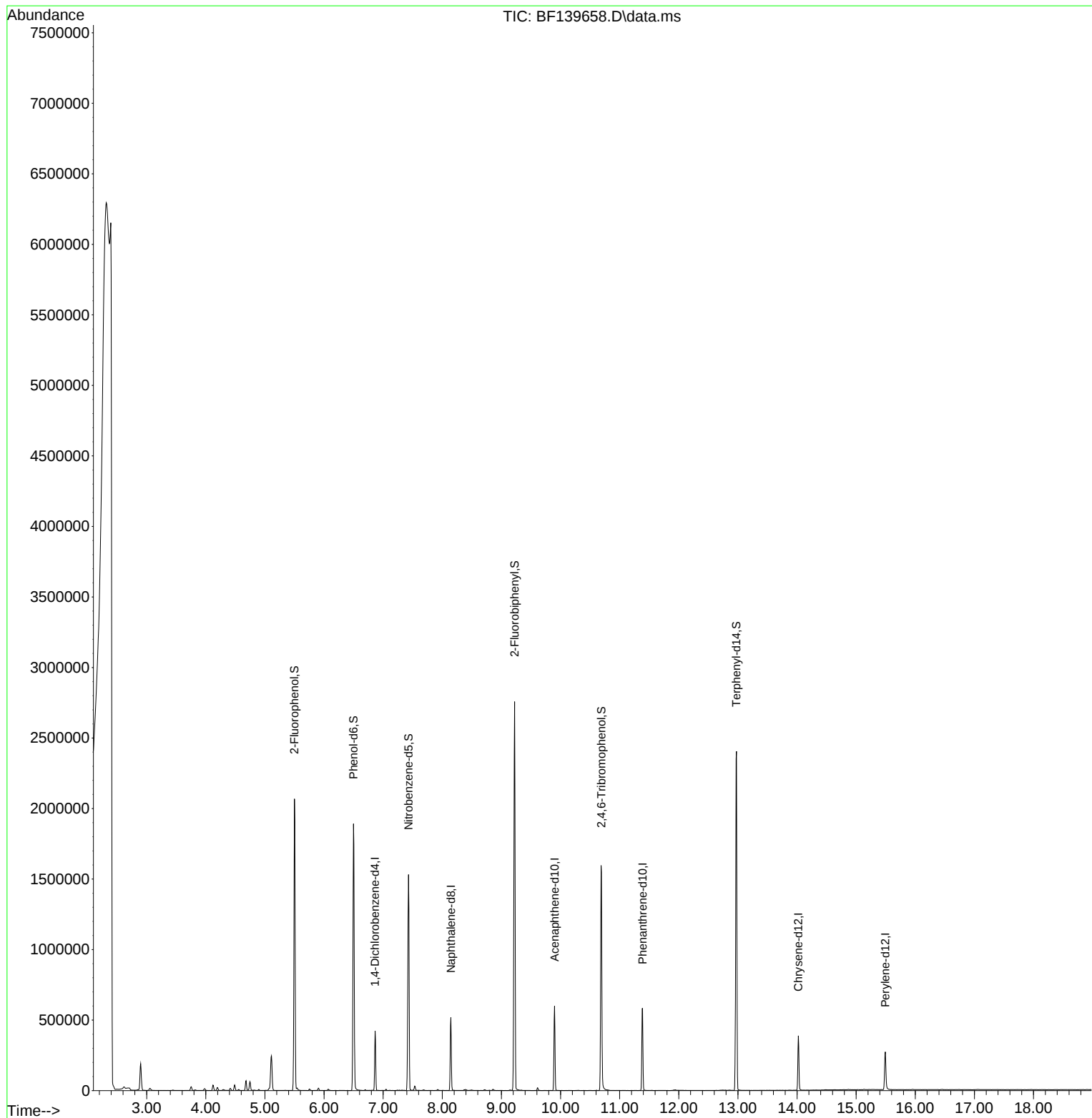
Target Compounds	Qvalue

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

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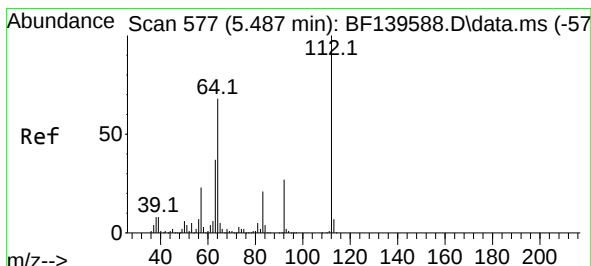
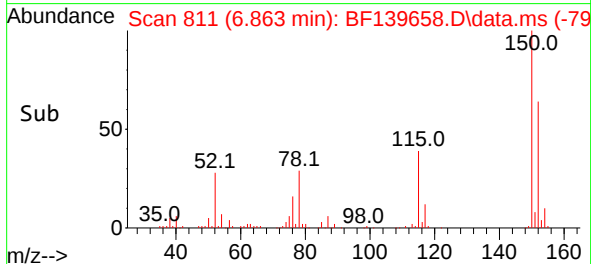
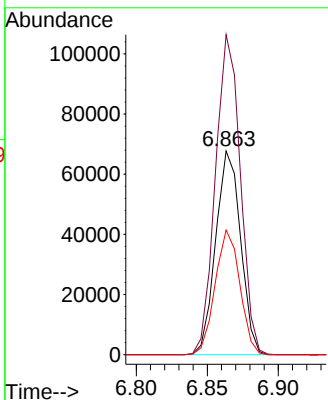
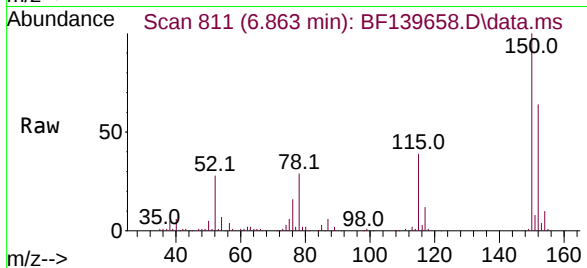




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF139658.D
 Acq: 04 Oct 2024 15:32

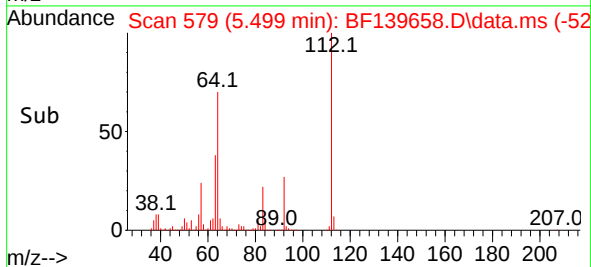
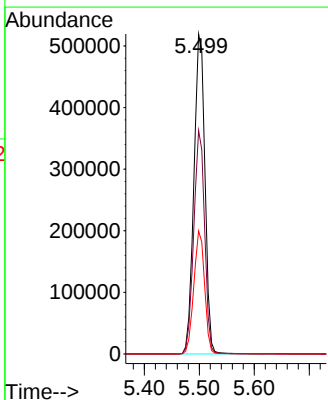
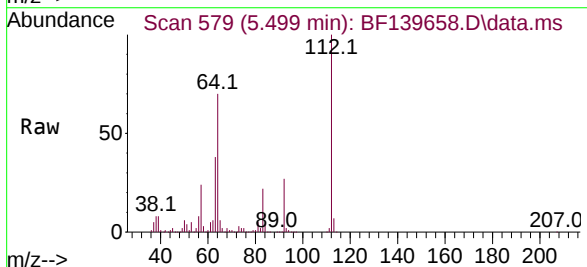
Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:152 Resp: 82545
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.2 190.8
 115 61.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 152.439 ng
 RT: 5.499 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF139658.D
 Acq: 04 Oct 2024 15:32

Tgt Ion:112 Resp: 725982
 Ion Ratio Lower Upper
 112 100
 64 69.8 54.2 81.4
 63 38.5 29.4 44.2

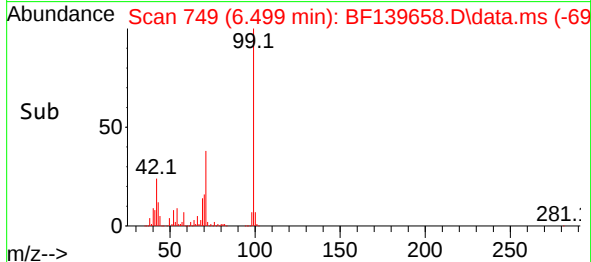
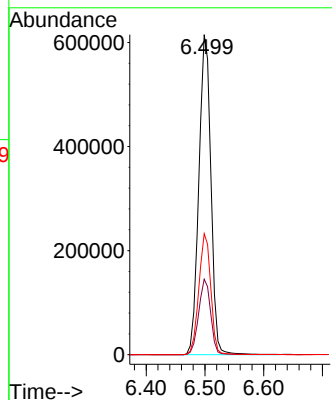
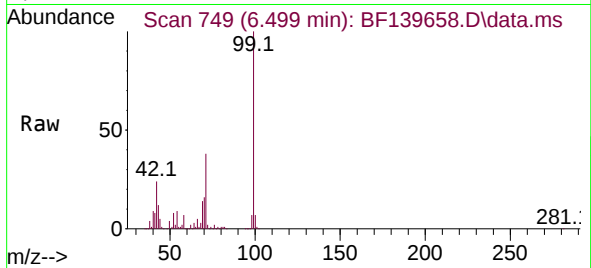




#7
Phenol-d6
Concen: 136.607 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

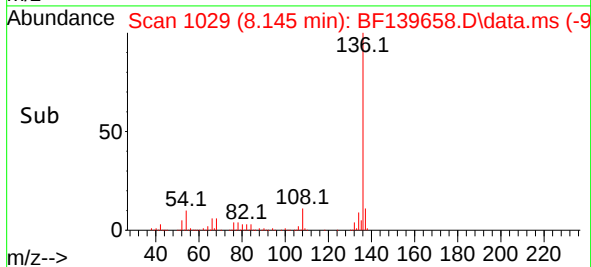
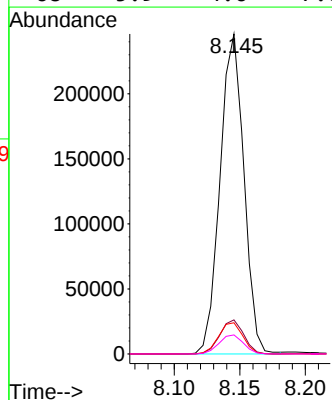
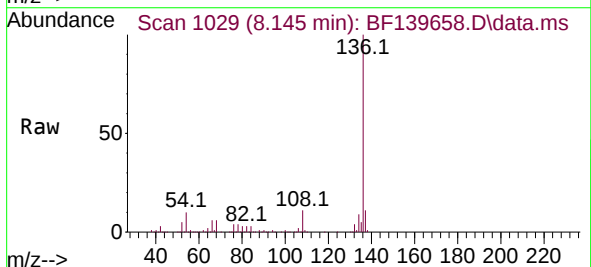
Instrument :
BNA_F
ClientSampleId :
TP3

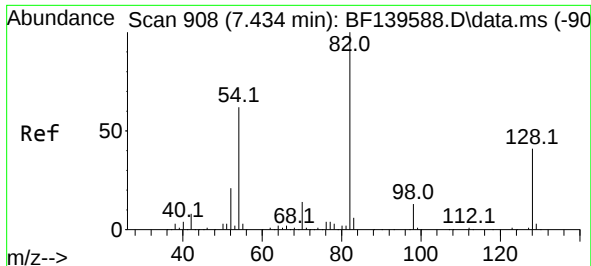
Tgt Ion: 99 Resp: 874899
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion: 136 Resp: 311134
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 113.145 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139658.D

Acq: 04 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP3

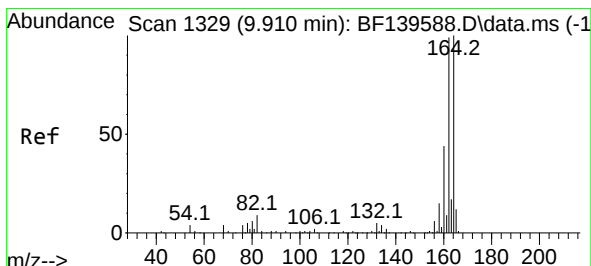
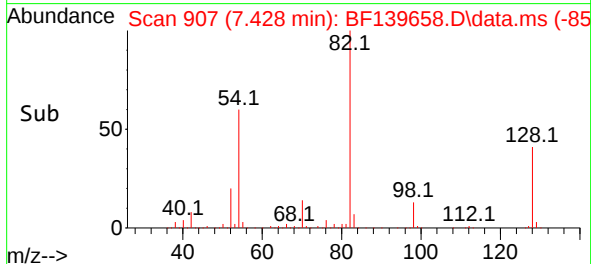
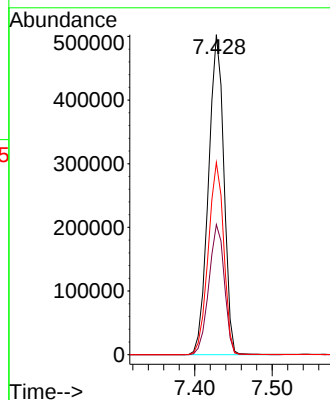
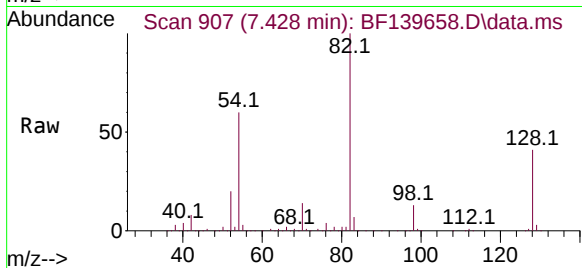
Tgt Ion: 82 Resp: 695298

Ion Ratio Lower Upper

82 100

128 40.7 32.4 48.6

54 60.1 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: BF139658.D

Acq: 04 Oct 2024 15:32

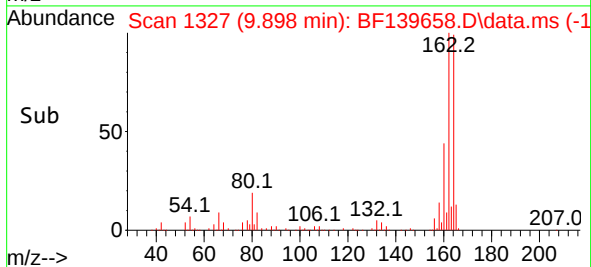
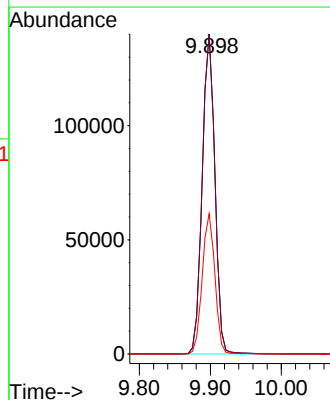
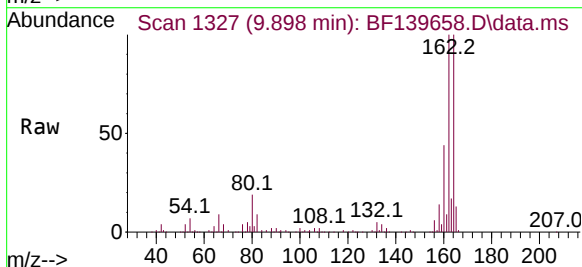
Tgt Ion:164 Resp: 174219

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

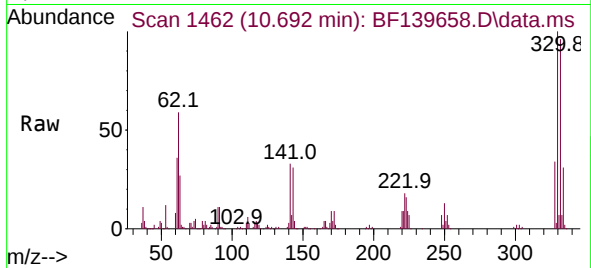
160 43.8 35.1 52.7



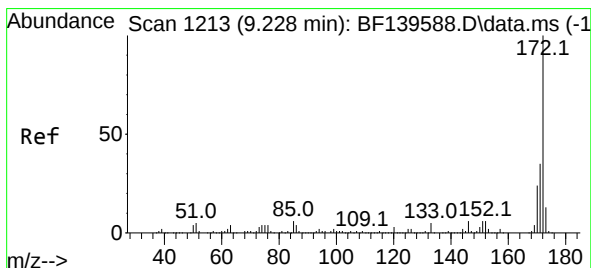
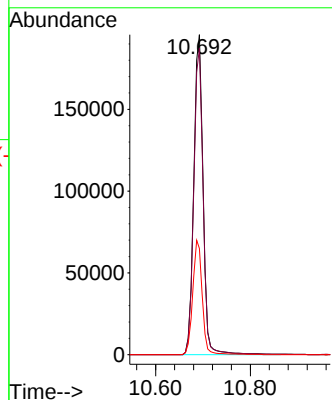
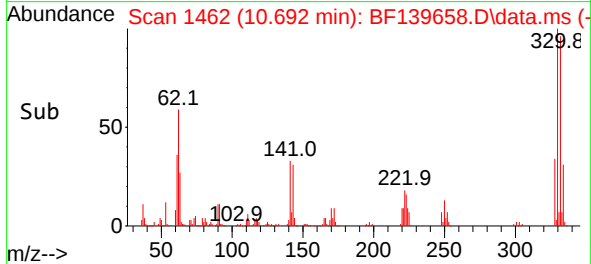


#42
2,4,6-Tribromophenol
Concen: 159.551 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

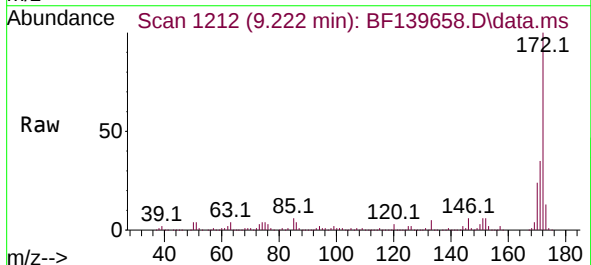
Instrument :
BNA_F
ClientSampleId :
TP3



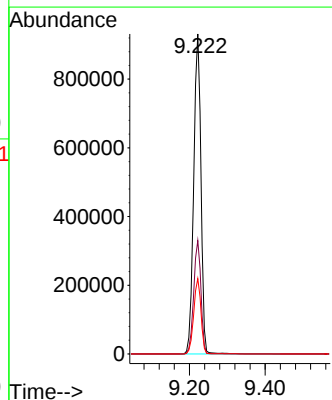
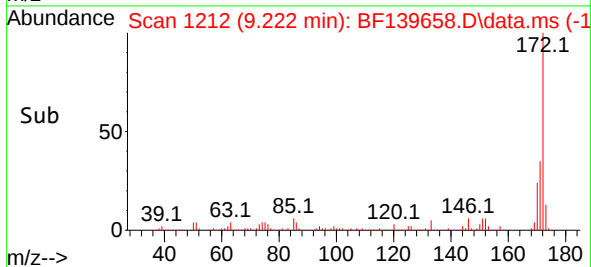
Tgt Ion:330 Resp: 268333
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 36.3 29.3 43.9

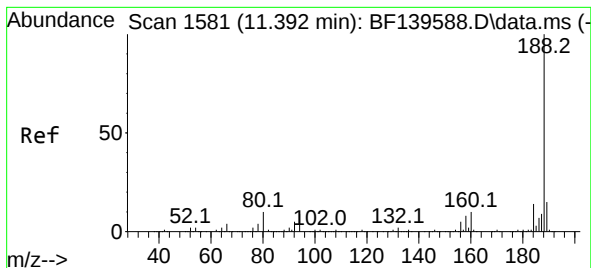


#45
2-Fluorobiphenyl
Concen: 109.738 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32



Tgt Ion:172 Resp: 1245356
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.5 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: BF139658.D

Acq: 04 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP3

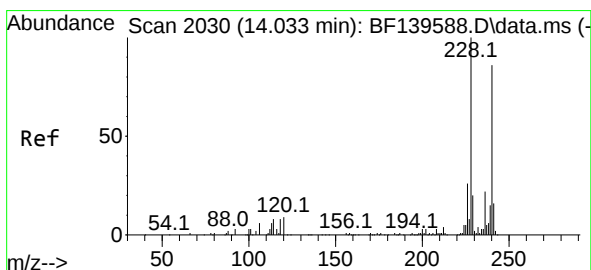
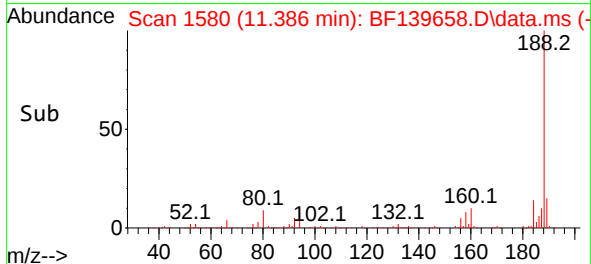
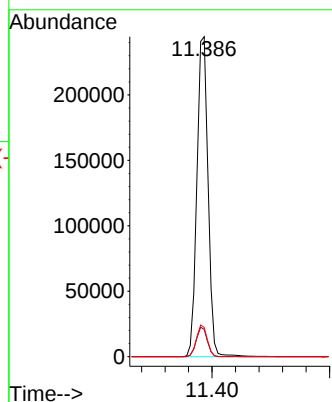
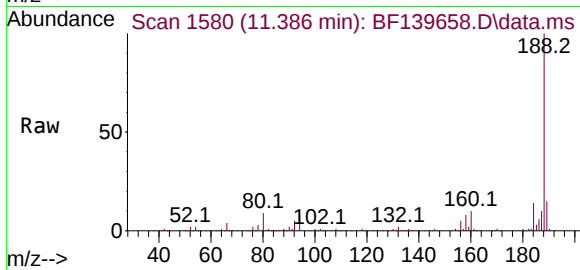
Tgt Ion:188 Resp: 321488

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.2 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.011 min

Lab File: BF139658.D

Acq: 04 Oct 2024 15:32

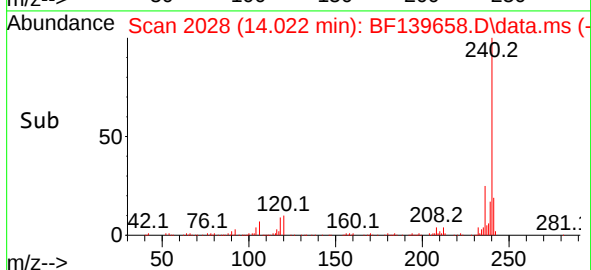
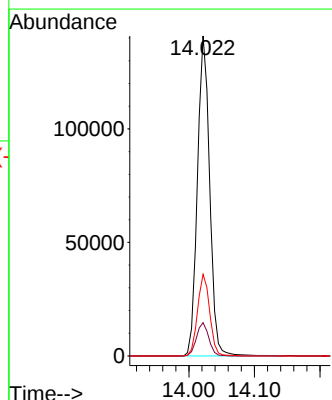
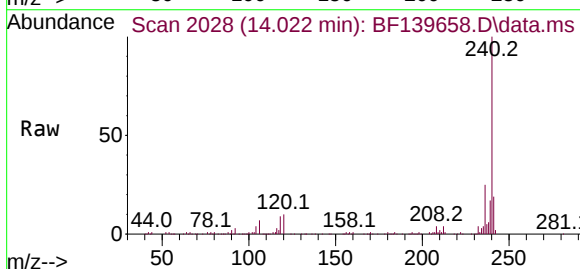
Tgt Ion:240 Resp: 183475

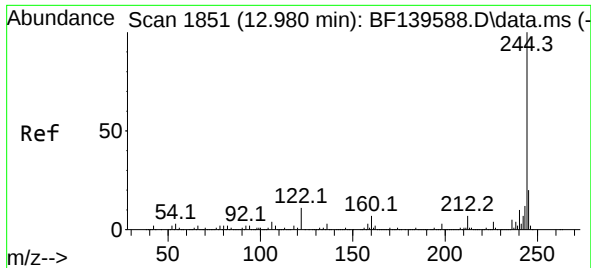
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.5 20.3 30.5

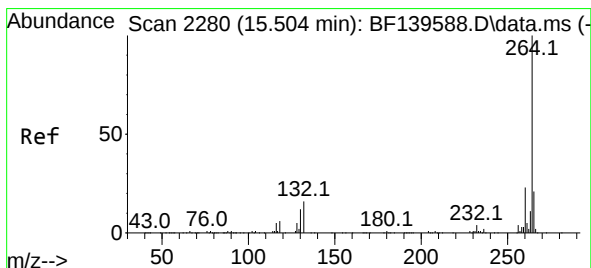
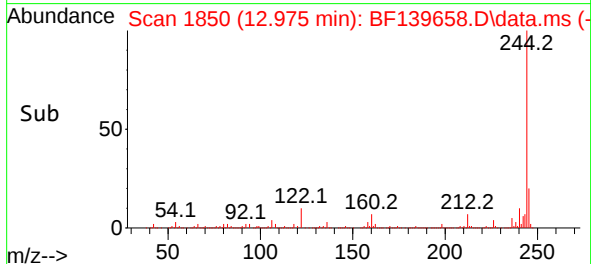
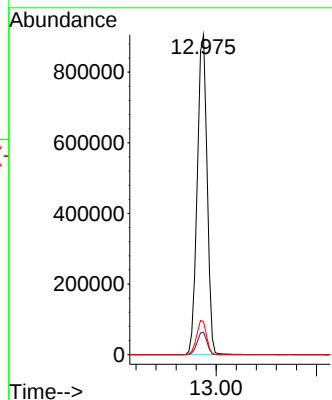
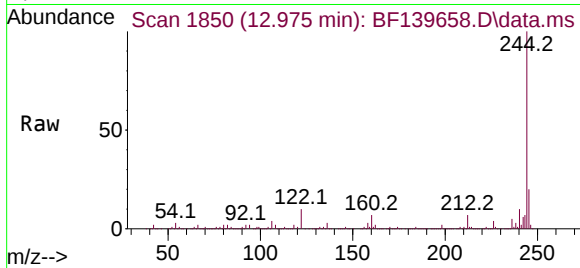




#79
Terphenyl-d14
Concen: 110.383 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:244 Resp: 1234282
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion:264 Resp: 161151
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.7 16.9 25.3

