

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139516.D
 Acq On : 24 Sep 2024 13:00
 Operator : RC/JU
 Sample : PB163555BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163555BL

Quant Time: Sep 24 13:28:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77078	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	281489	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150574	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	282378	20.000	ng	0.00
76) Chrysene-d12	14.033	240	181307	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	144793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	625627	132.413	ng	0.01
7) Phenol-d6	6.510	99	800979	129.156	ng	0.00
23) Nitrobenzene-d5	7.440	82	527521	88.101	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	192887	120.326	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	941489	87.695	ng	0.00
79) Terphenyl-d14	12.986	244	1055235	95.531	ng	0.00

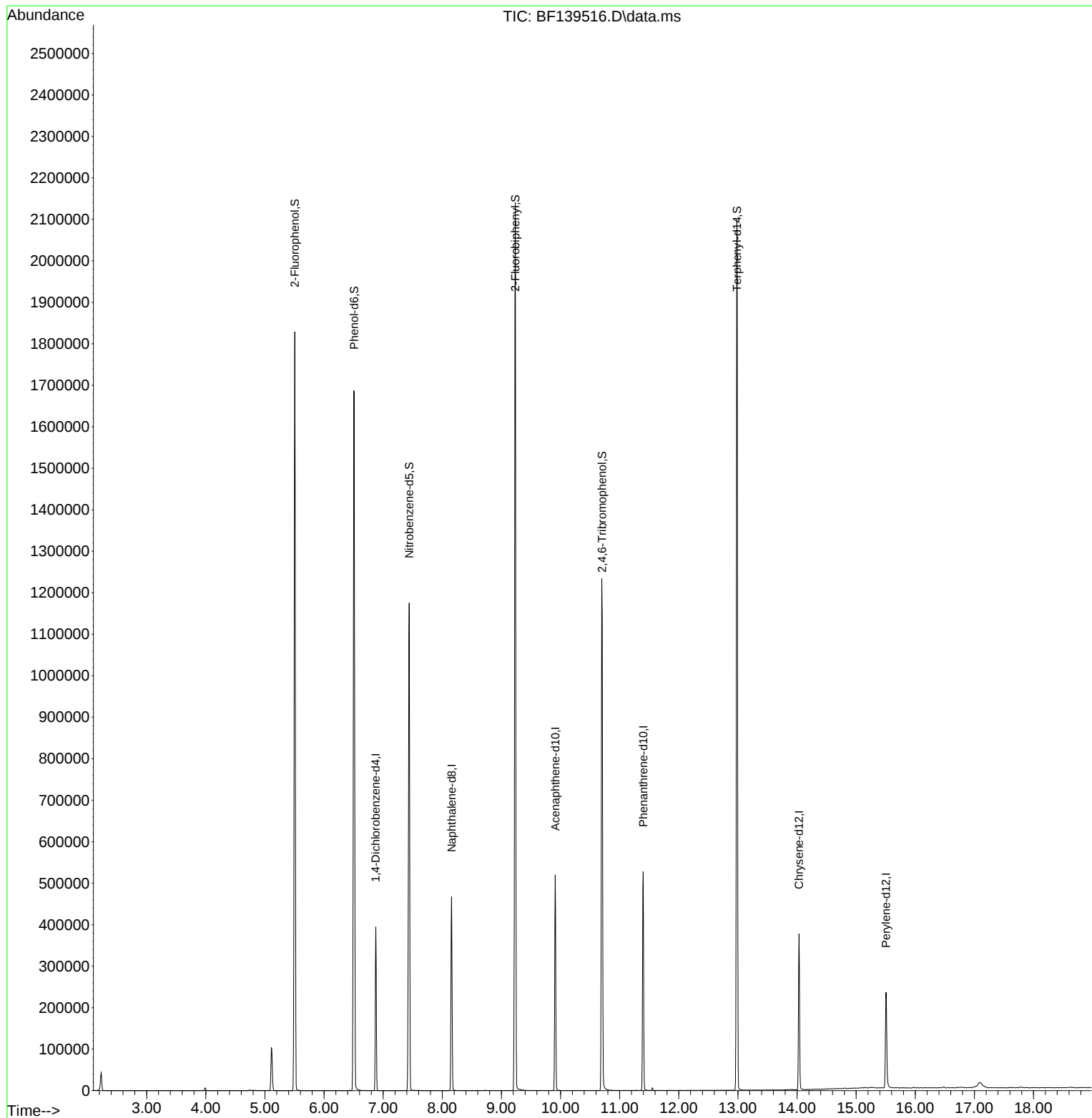
Target Compounds	Qvalue

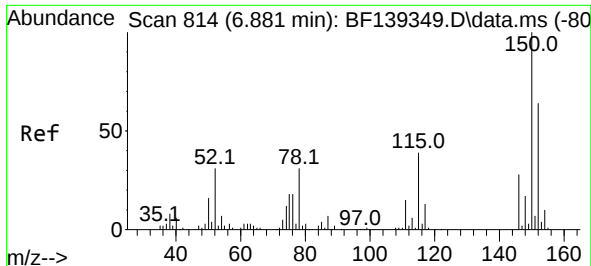
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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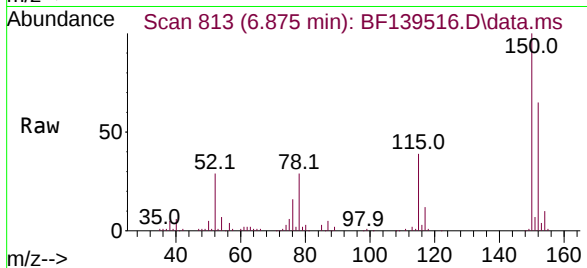
Quant Time: Sep 24 13:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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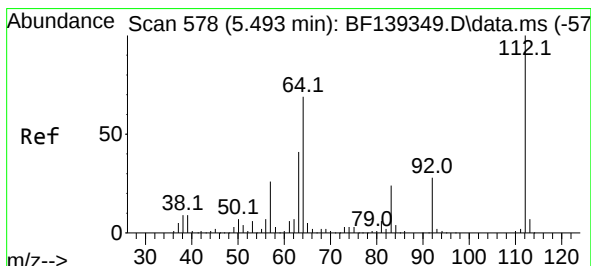
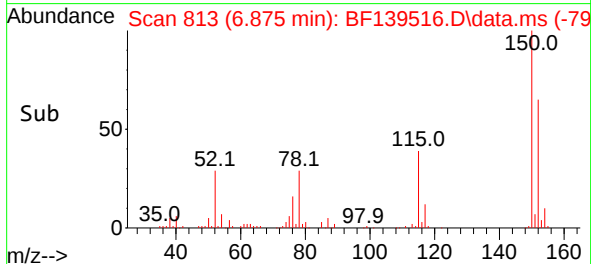
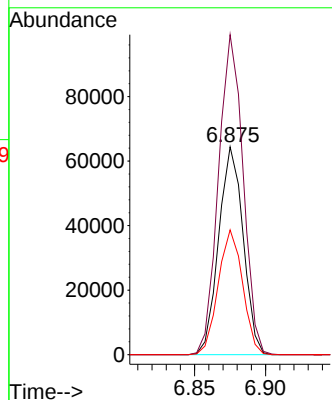


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Instrument :
BNA_F
ClientSampleId :
PB163555BL

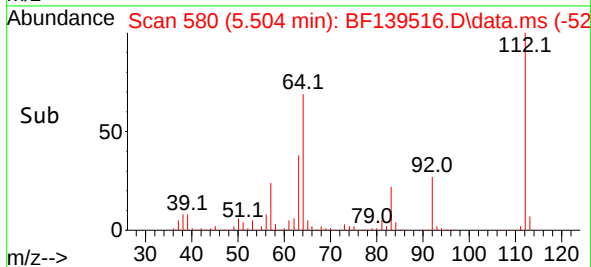
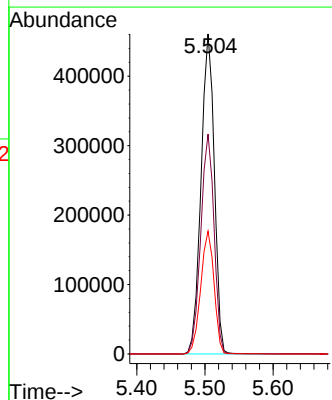
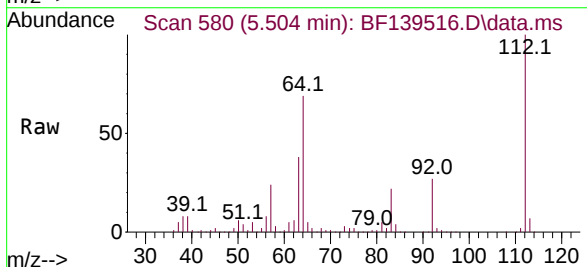


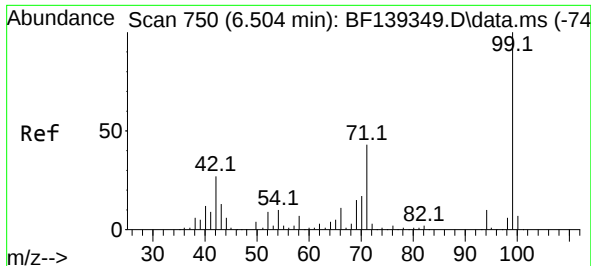
Tgt Ion:152 Resp: 77078
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 132.413 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Tgt Ion:112 Resp: 625627
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 38.3 33.0 49.4

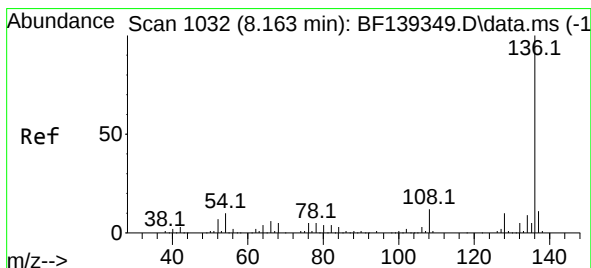
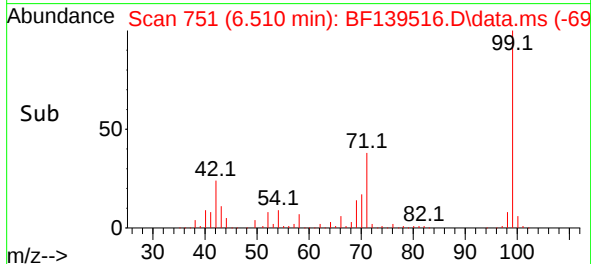
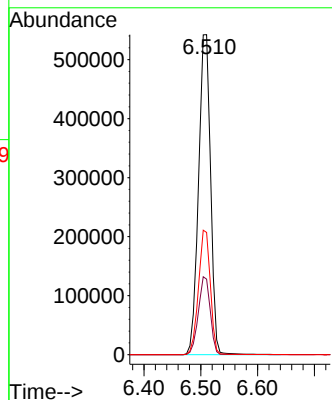
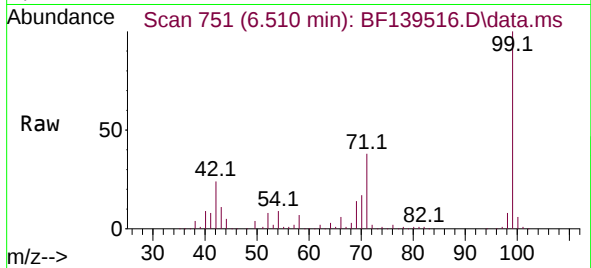




#7
Phenol-d6
Concen: 129.156 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

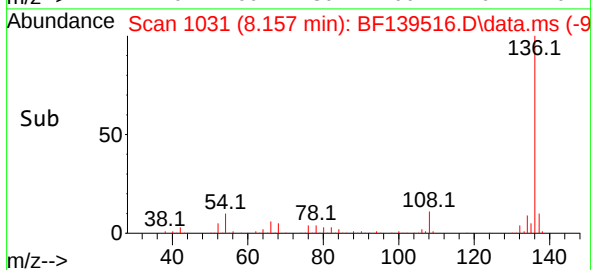
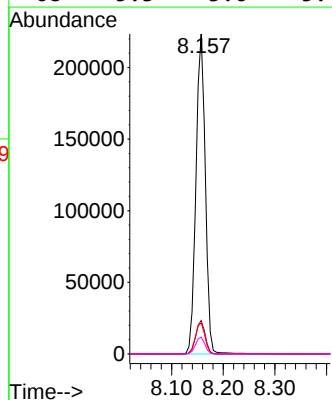
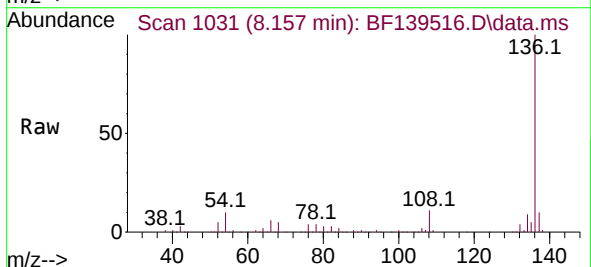
Instrument :
BNA_F
ClientSampleId :
PB163555BL

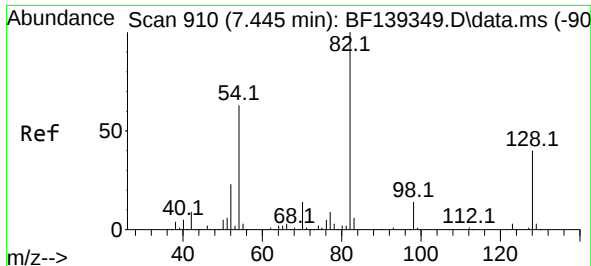
Tgt Ion: 99 Resp: 800979
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 38.2 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Tgt Ion: 136 Resp: 281489
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.7 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.101 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

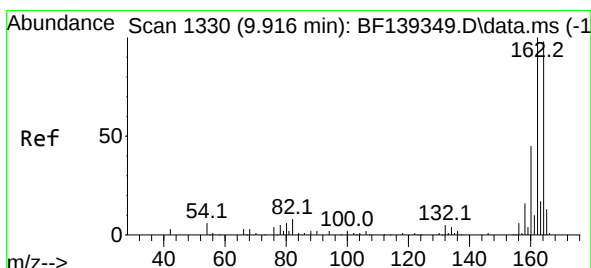
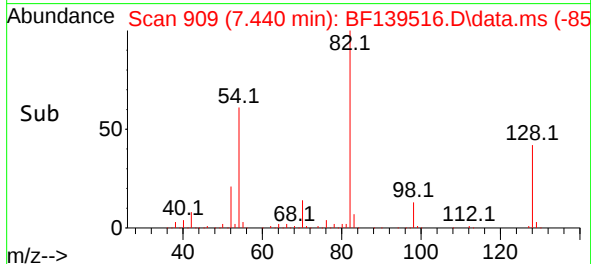
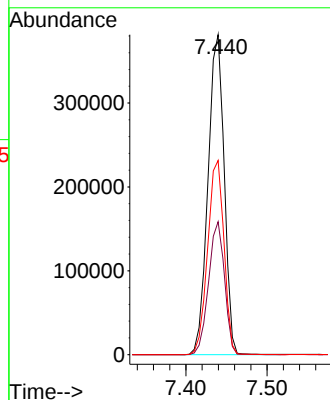
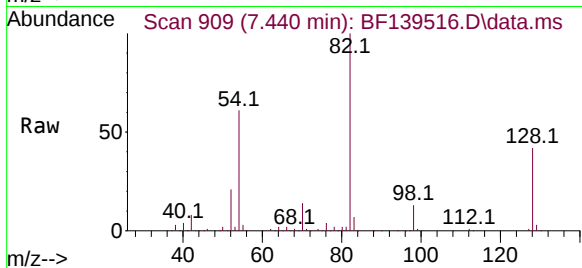
Tgt Ion: 82 Resp: 527521

Ion Ratio Lower Upper

82 100

128 41.6 31.8 47.6

54 60.7 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

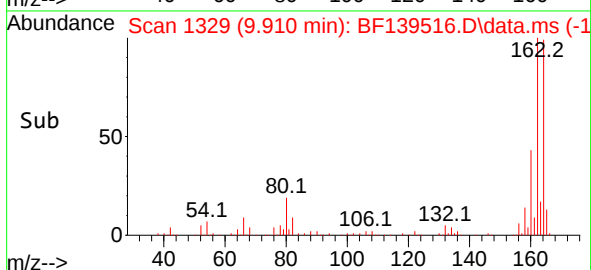
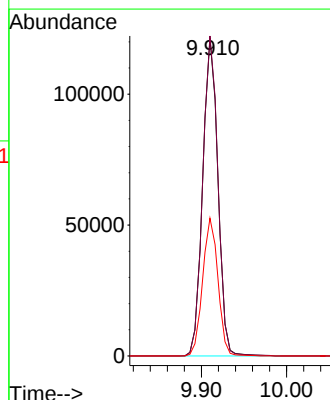
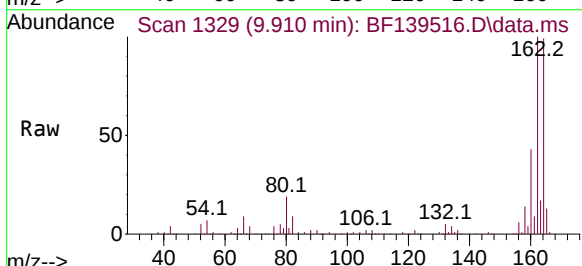
Tgt Ion:164 Resp: 150574

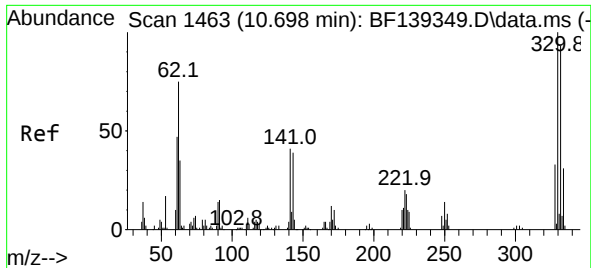
Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

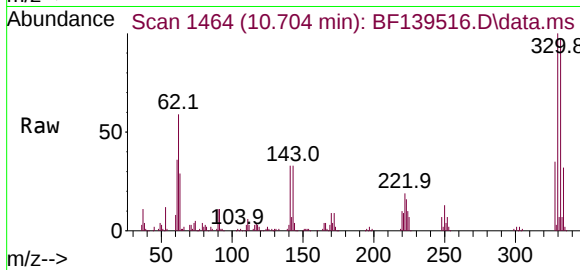
160 43.3 36.4 54.6



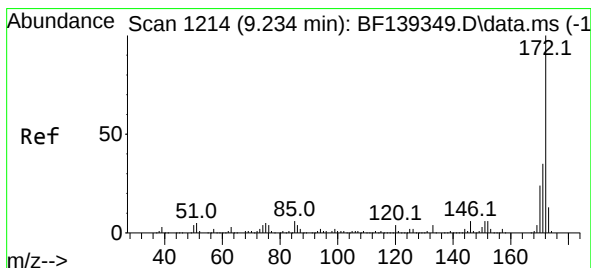
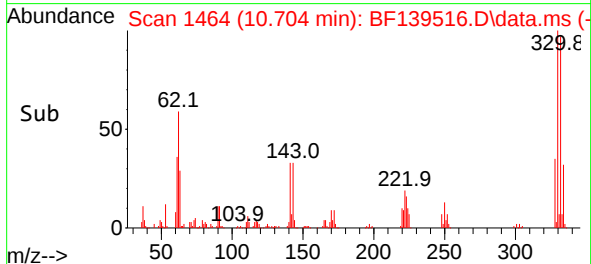
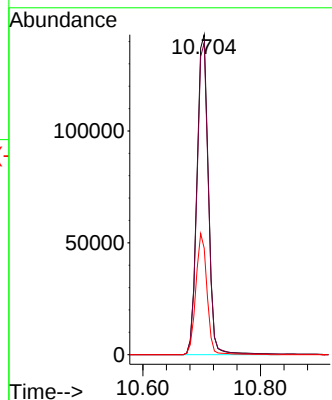


#42
2,4,6-Tribromophenol
Concen: 120.326 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Instrument :
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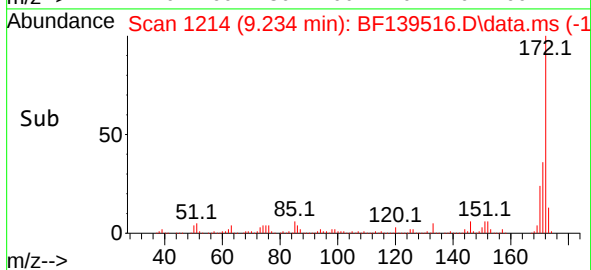
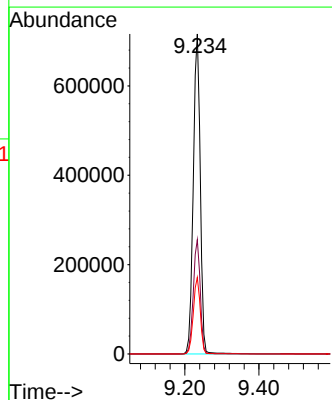
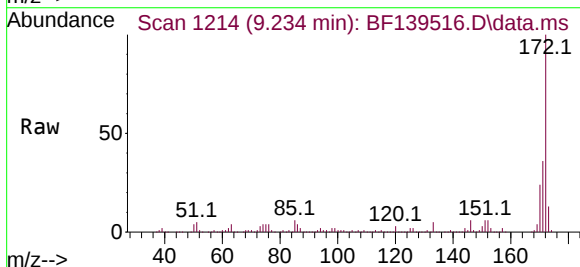


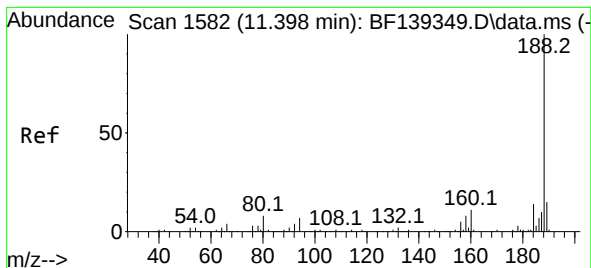
Tgt Ion:330 Resp: 192887
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 36.9 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 87.695 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Tgt Ion:172 Resp: 941489
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

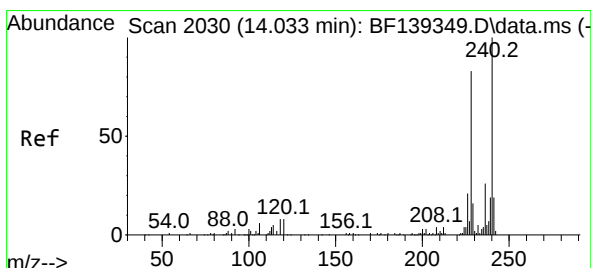
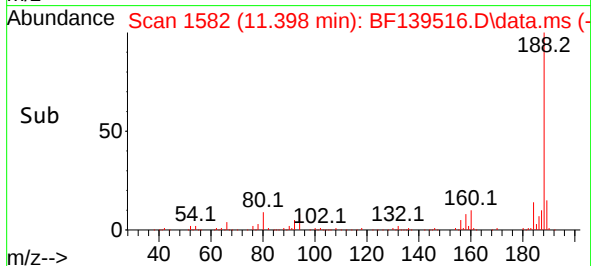
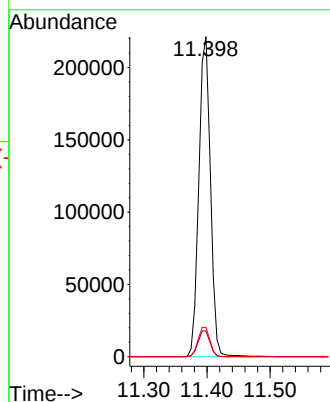
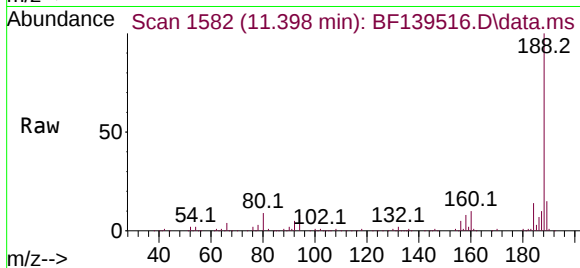
Tgt Ion:188 Resp: 282378

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.1 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

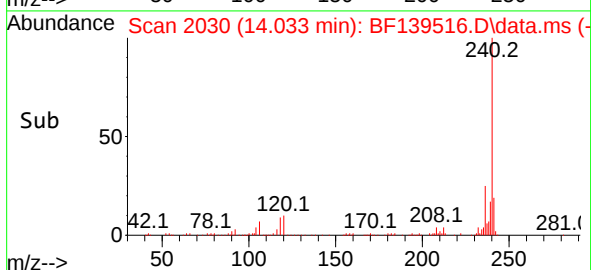
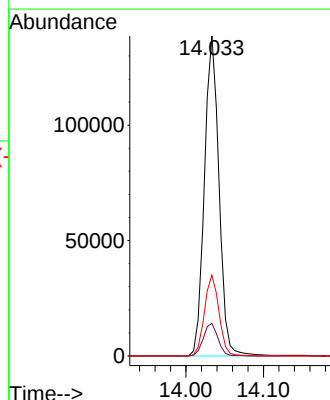
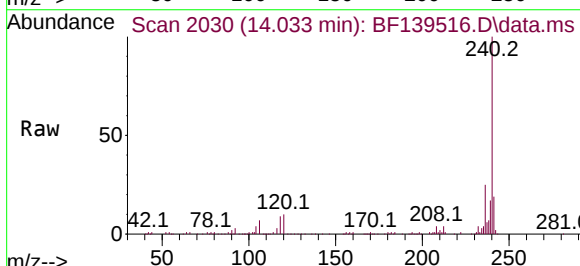
Tgt Ion:240 Resp: 181307

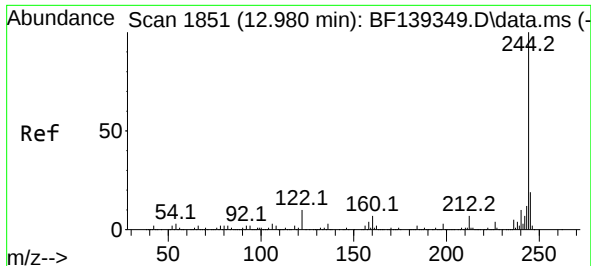
Ion Ratio Lower Upper

240 100

120 10.2 6.2 9.2#

236 25.2 20.9 31.3

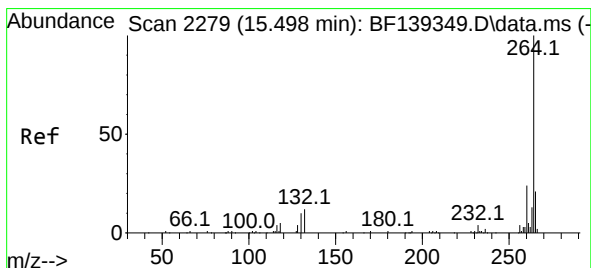
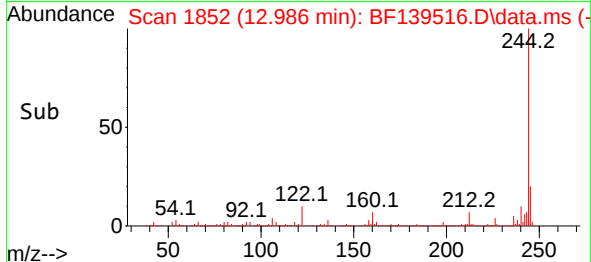
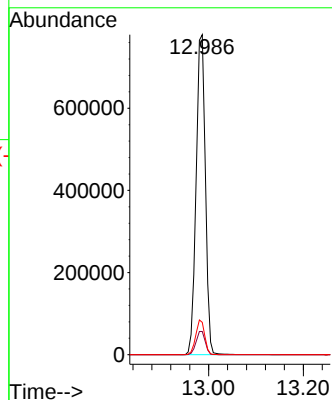
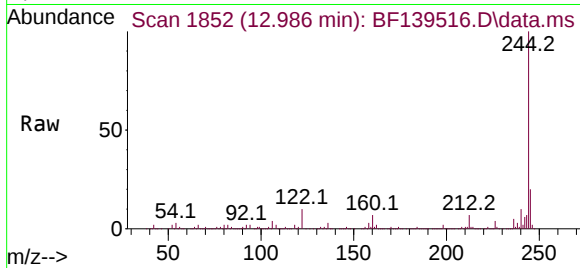




#79
 Terphenyl-d14
 Concen: 95.531 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139516.D
 Acq: 24 Sep 2024 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB163555BL

Tgt Ion:244 Resp: 1055235
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139516.D
 Acq: 24 Sep 2024 13:00

Tgt Ion:264 Resp: 144793
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.5 16.6 25.0

