

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139518.D
 Acq On : 24 Sep 2024 13:57
 Operator : RC/JU
 Sample : PB163646BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163646BL

Quant Time: Sep 24 14:24:15 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	72037	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266268	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	144180	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	270129	20.000	ng	0.00
76) Chrysene-d12	14.033	240	156081	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	130795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	655845	148.522	ng	0.01
7) Phenol-d6	6.510	99	841636	145.209	ng	0.00
23) Nitrobenzene-d5	7.439	82	556760	98.300	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	199757	130.137	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	987205	96.031	ng	0.00
79) Terphenyl-d14	12.980	244	1034207	108.760	ng	0.00

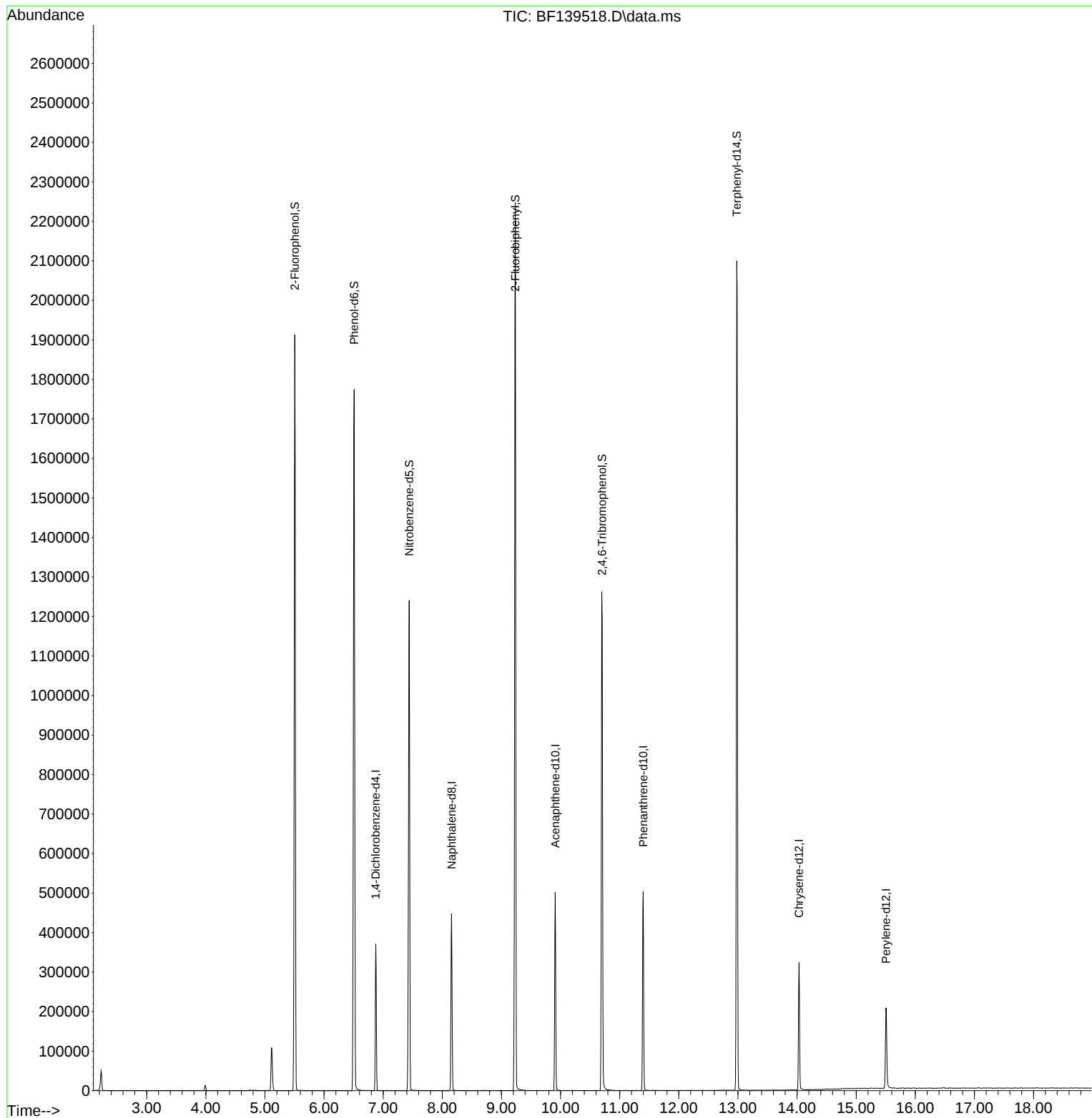
Target Compounds	Qvalue

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

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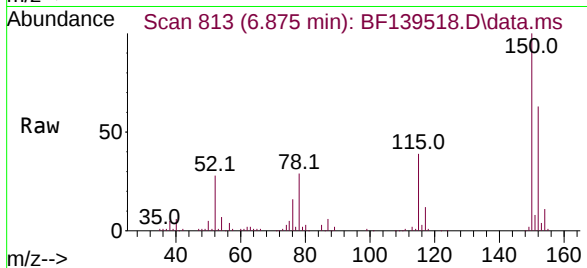
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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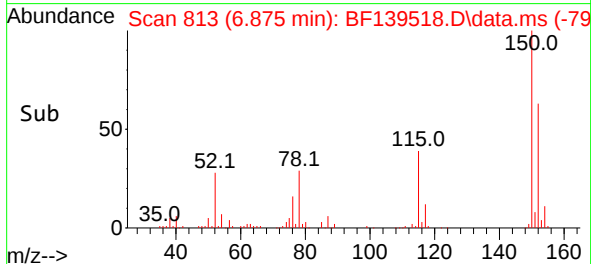
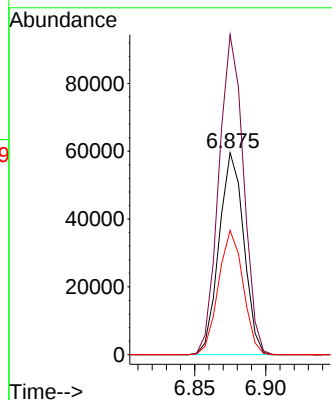


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139518.D
Acq: 24 Sep 2024 13:57

Instrument :
BNA_F
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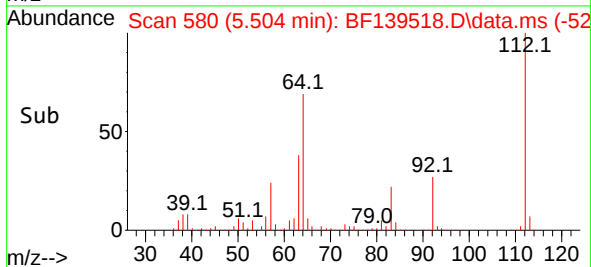
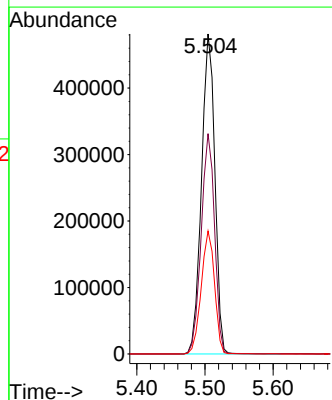
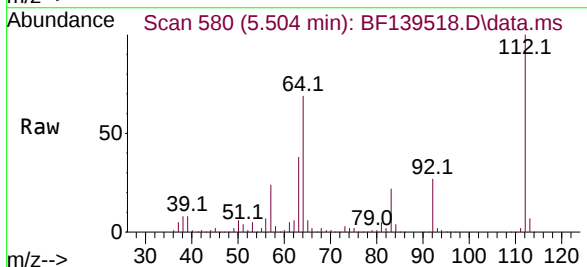


Tgt Ion:152 Resp: 72037
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 148.522 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139518.D
Acq: 24 Sep 2024 13:57

Tgt Ion:112 Resp: 655845
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 38.4 33.0 49.4





#7

Phenol-d6

Concen: 145.209 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139518.D

Acq: 24 Sep 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB163646BL

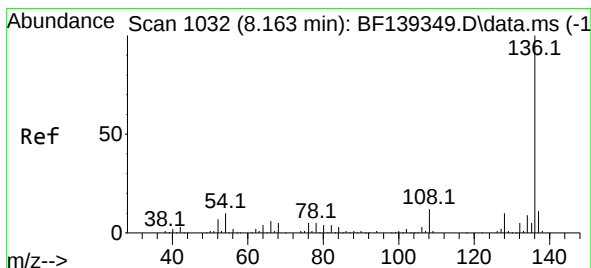
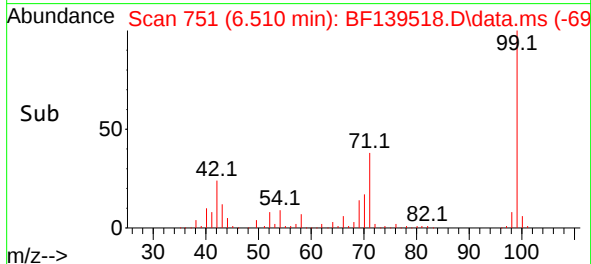
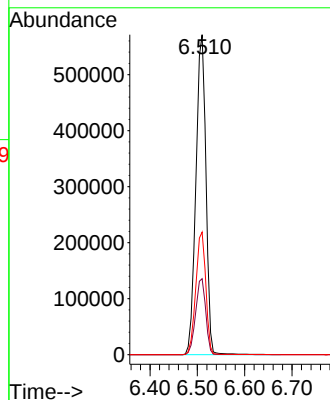
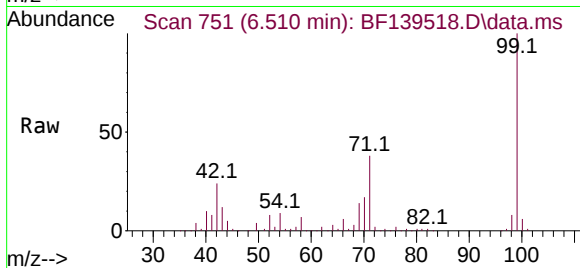
Tgt Ion: 99 Resp: 841636

Ion Ratio Lower Upper

99 100

42 23.7 21.9 32.9

71 38.3 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: BF139518.D

Acq: 24 Sep 2024 13:57

Tgt Ion:136 Resp: 266268

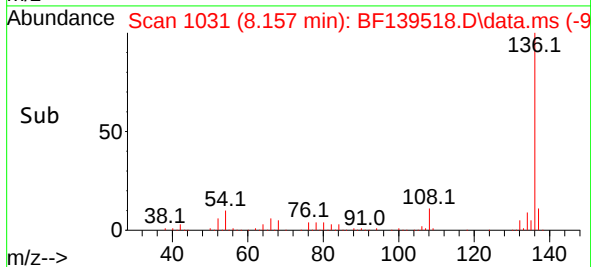
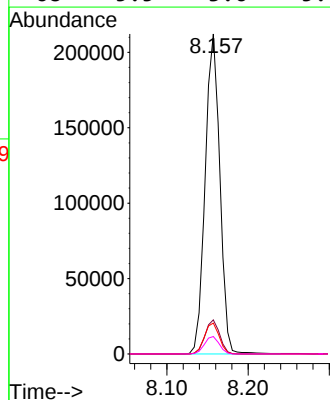
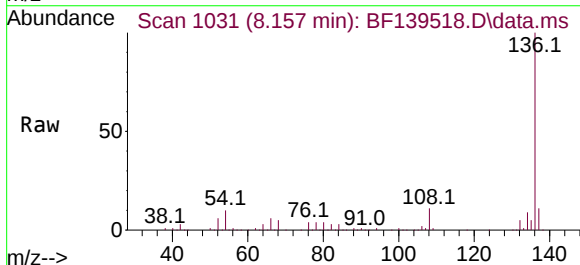
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.7 7.8 11.8

68 5.5 3.6 5.4

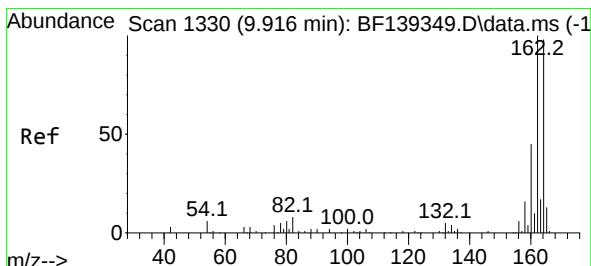
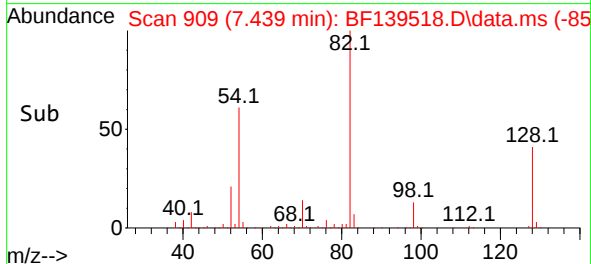
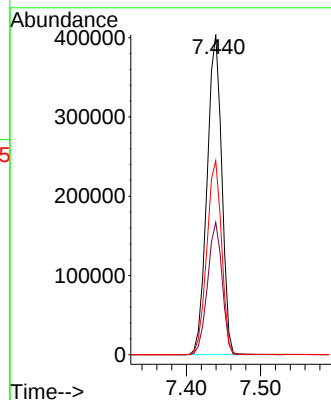
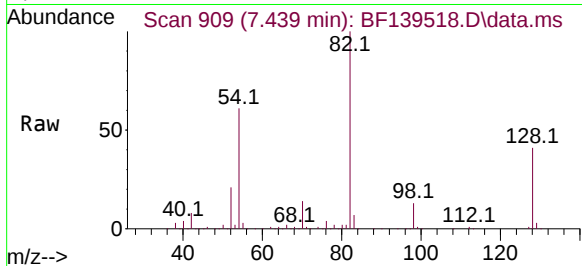




#23
 Nitrobenzene-d5
 Concen: 98.300 ng
 RT: 7.439 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF139518.D
 Acq: 24 Sep 2024 13:57

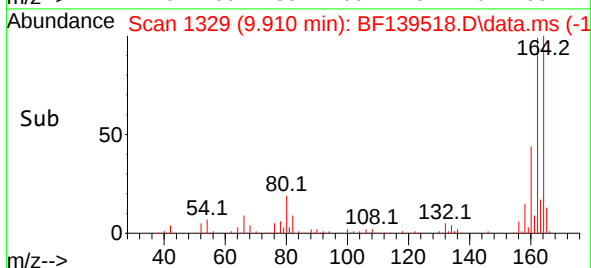
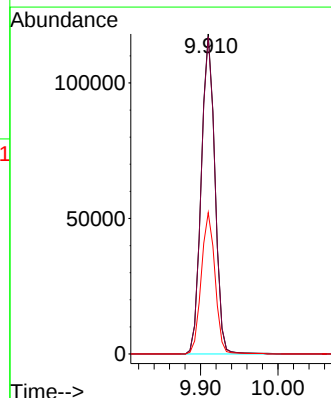
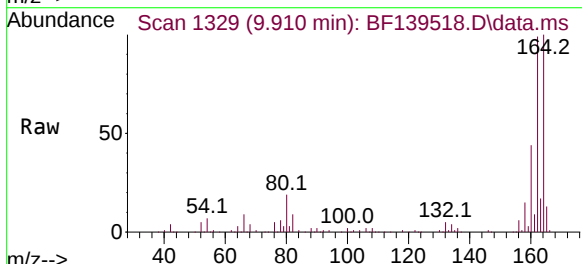
Instrument :
 BNA_F
 ClientSampleId :
 PB163646BL

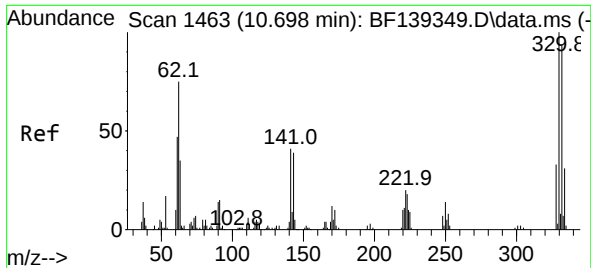
Tgt Ion: 82 Resp: 556760
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.8 47.6
 54 60.7 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139518.D
 Acq: 24 Sep 2024 13:57

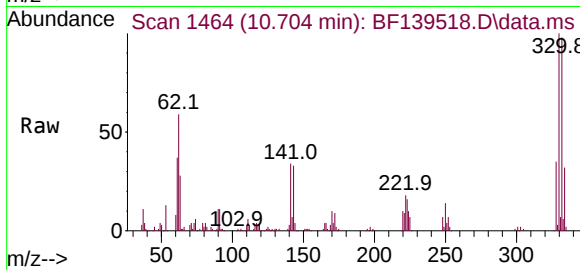
Tgt Ion:164 Resp: 144180
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.3 121.9
 160 44.2 36.4 54.6



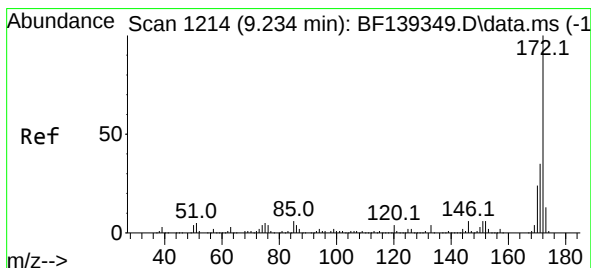
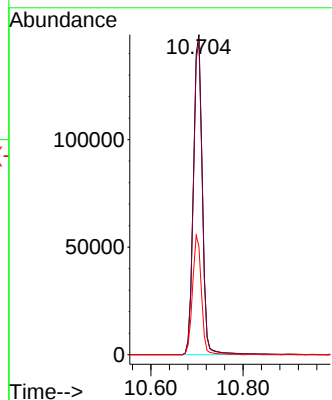
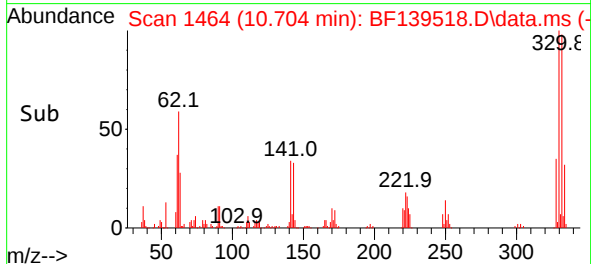


#42
2,4,6-Tribromophenol
Concen: 130.137 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139518.D
Acq: 24 Sep 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB163646BL

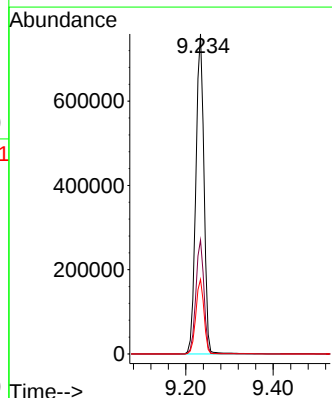
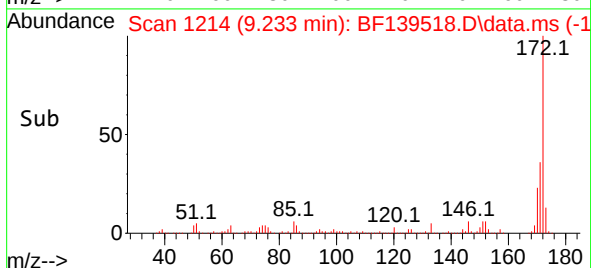
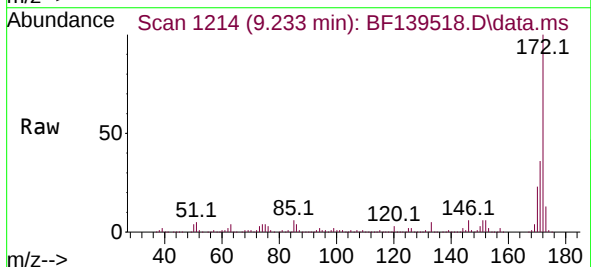


Tgt Ion:330 Resp: 199757
Ion Ratio Lower Upper
330 100
332 97.8 75.2 112.8
141 36.9 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 96.031 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139518.D
Acq: 24 Sep 2024 13:57

Tgt Ion:172 Resp: 987205
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 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: BF139518.D

Acq: 24 Sep 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB163646BL

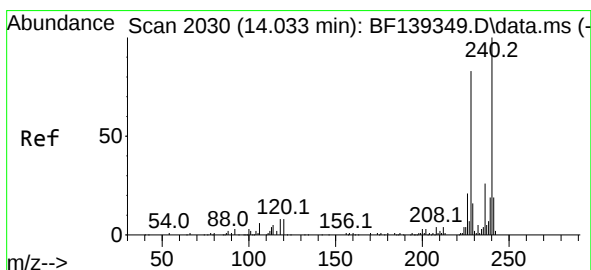
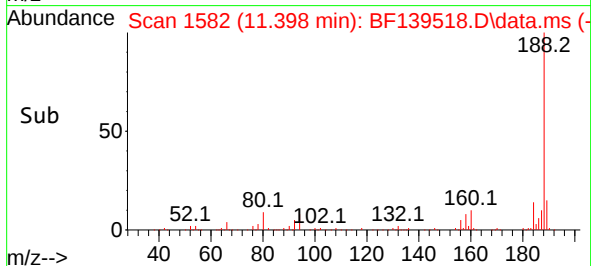
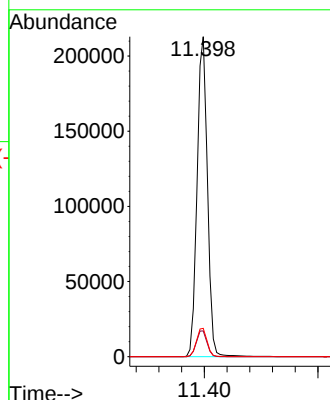
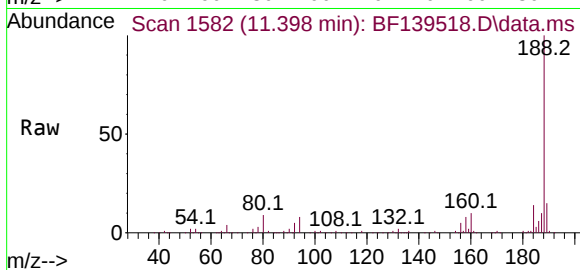
Tgt Ion:188 Resp: 270129

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 8.9 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: BF139518.D

Acq: 24 Sep 2024 13:57

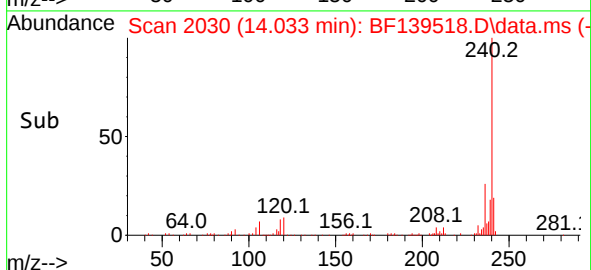
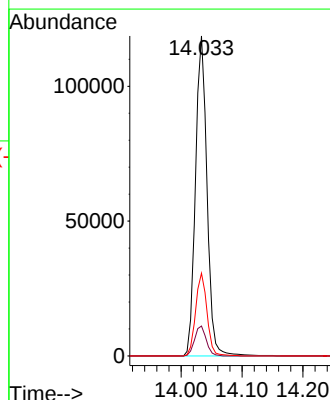
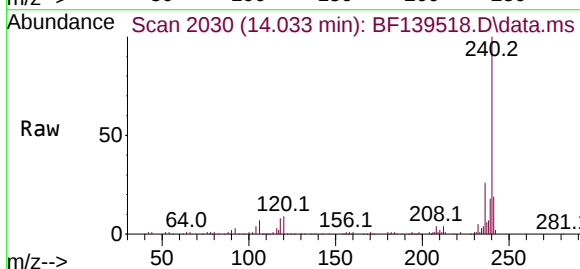
Tgt Ion:240 Resp: 156081

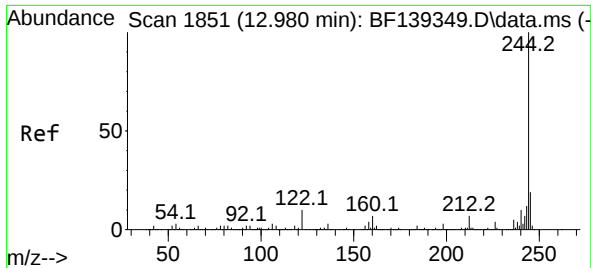
Ion Ratio Lower Upper

240 100

120 9.3 6.2 9.2#

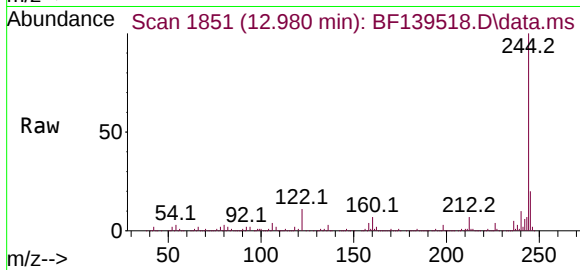
236 25.8 20.9 31.3



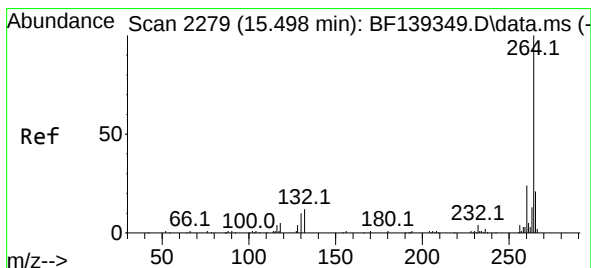
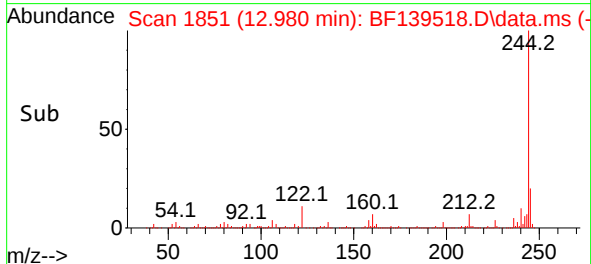
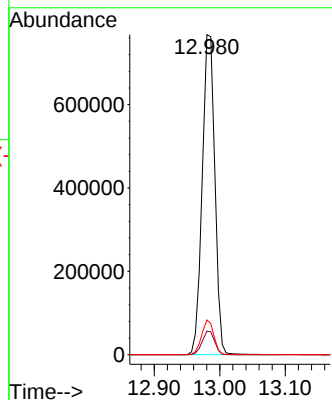


#79
 Terphenyl-d14
 Concen: 108.760 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139518.D
 Acq: 24 Sep 2024 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB163646BL



Tgt Ion:244 Resp: 1034207
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.9 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: BF139518.D
 Acq: 24 Sep 2024 13:57

Tgt Ion:264 Resp: 130795
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.1 16.6 25.0

