

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139142.D
 Acq On : 23 Aug 2024 12:44
 Operator : RC/JU
 Sample : P3669-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430

Quant Time: Aug 23 13:13:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86207	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	322970	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	181312	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	296950	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148166	20.000	ng	0.00
86) Perylene-d12	15.539	264	172519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	771464	137.682	ng	0.02
7) Phenol-d6	6.528	99	993474	137.218	ng	0.00
23) Nitrobenzene-d5	7.463	82	689453	124.390	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	281367	171.420	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1167404	102.156	ng	0.00
79) Terphenyl-d14	13.010	244	1013388	113.488	ng	0.00

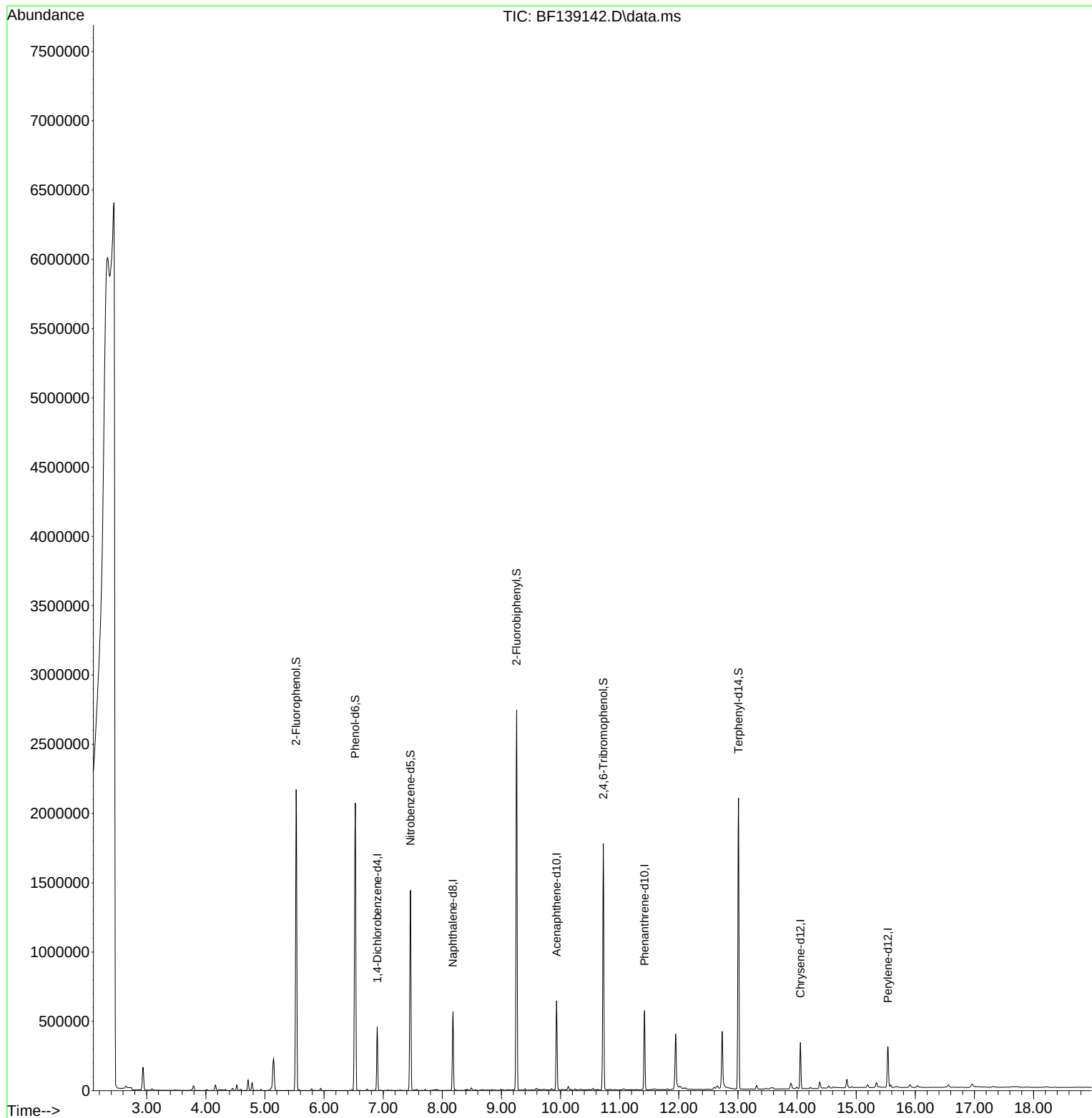
Target Compounds	Qvalue

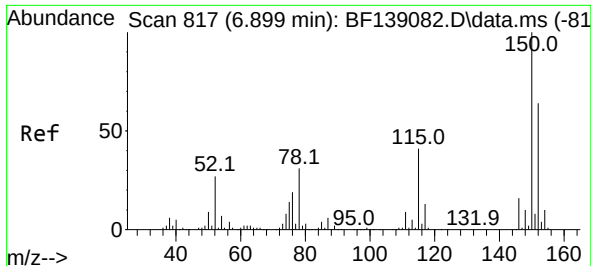
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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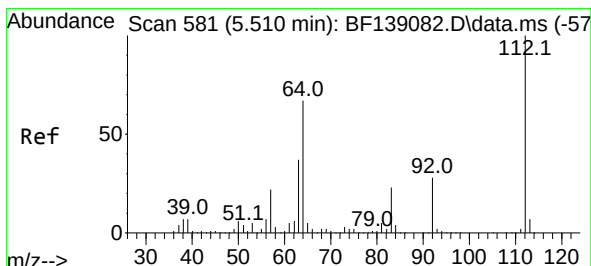
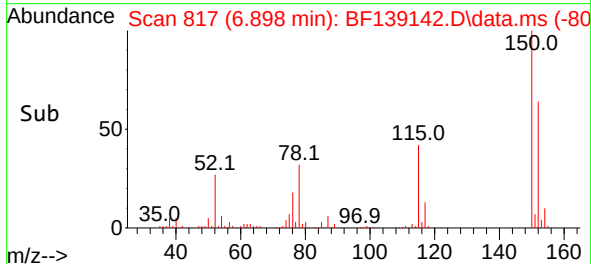
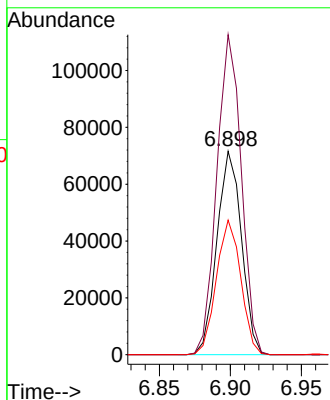
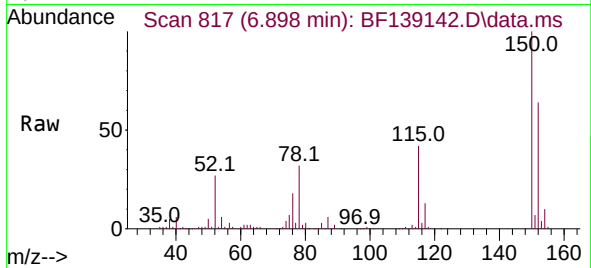




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139142.D
 Acq: 23 Aug 2024 12:44

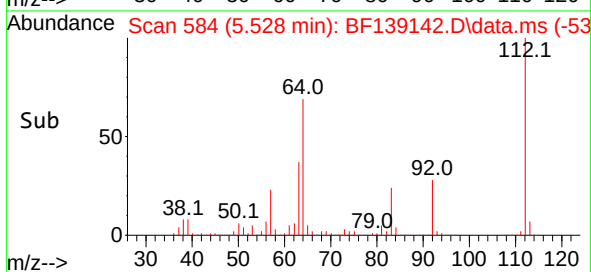
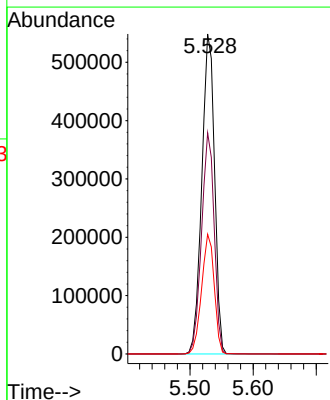
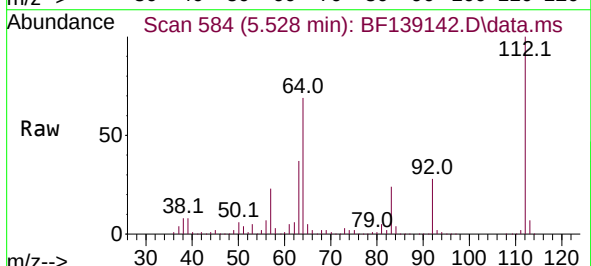
Instrument :
 BNA_F
 ClientSampleId :
 20430

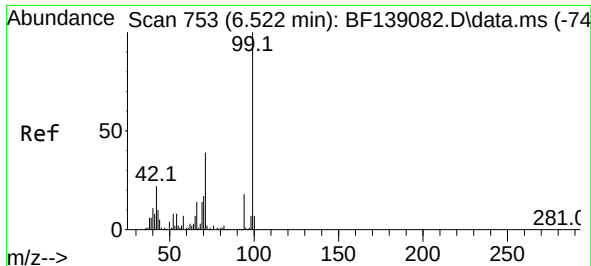
Tgt Ion:152 Resp: 86207
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.1 187.7
 115 66.2 51.8 77.6



#5
 2-Fluorophenol
 Concen: 137.682 ng
 RT: 5.528 min Scan# 584
 Delta R.T. 0.017 min
 Lab File: BF139142.D
 Acq: 23 Aug 2024 12:44

Tgt Ion:112 Resp: 771464
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.8 80.6
 63 37.4 29.4 44.2

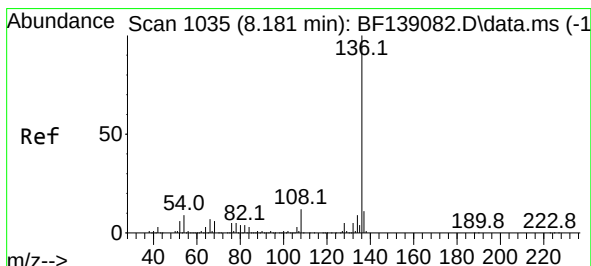
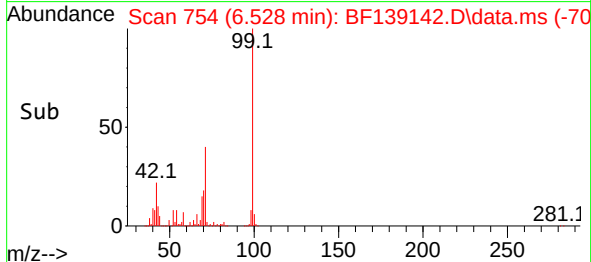
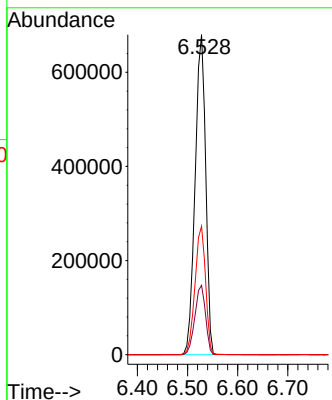
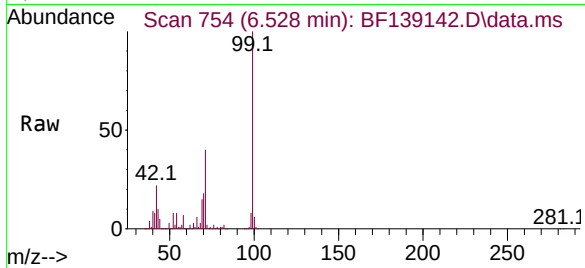




#7
Phenol-d6
Concen: 137.218 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

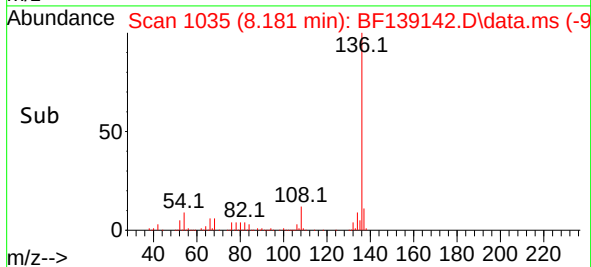
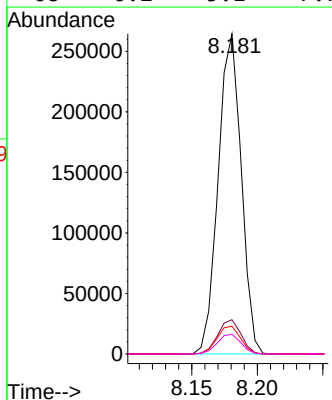
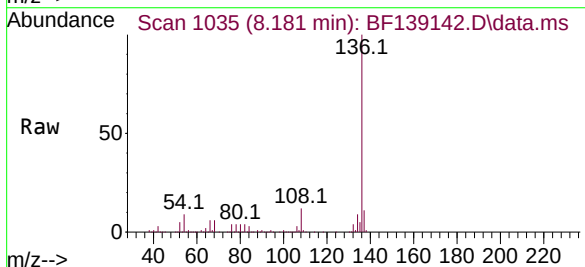
Instrument :
BNA_F
ClientSampleId :
20430

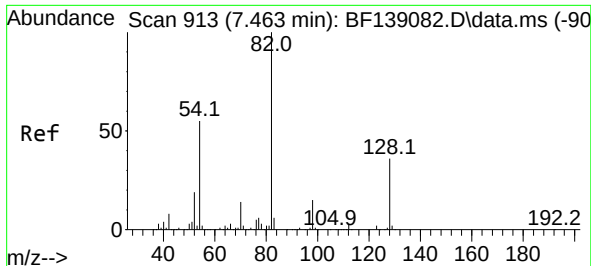
Tgt Ion: 99 Resp: 993474
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 40.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion: 136 Resp: 322970
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.7 7.6 11.4
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 124.390 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

20430

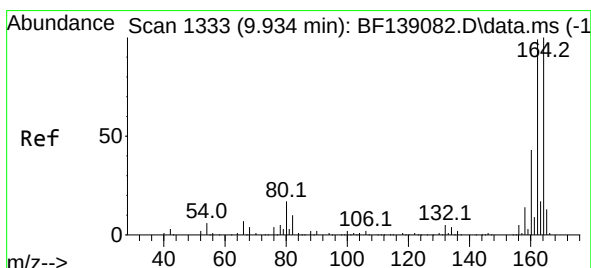
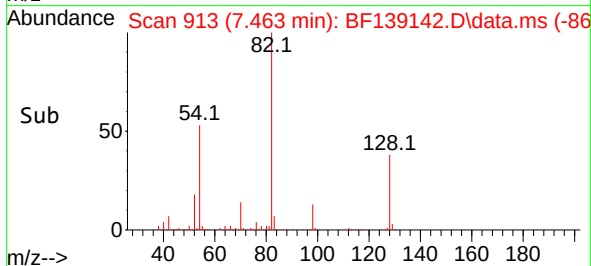
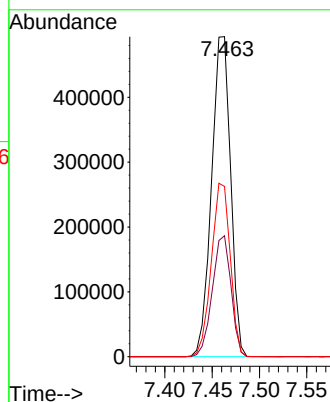
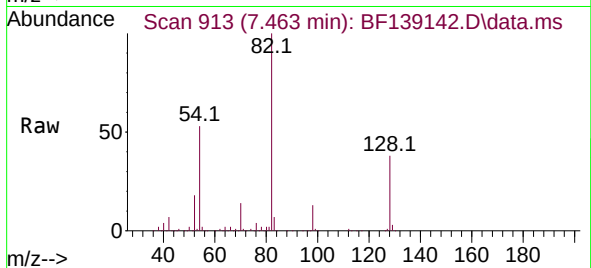
Tgt Ion: 82 Resp: 689453

Ion Ratio Lower Upper

82 100

128 37.8 29.0 43.4

54 53.2 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

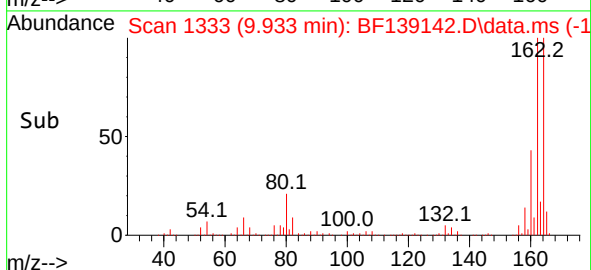
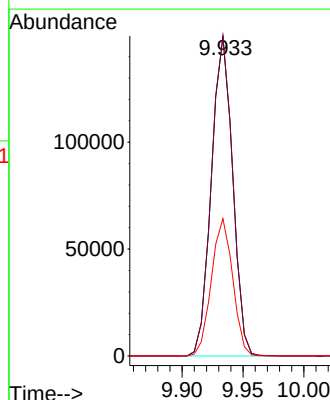
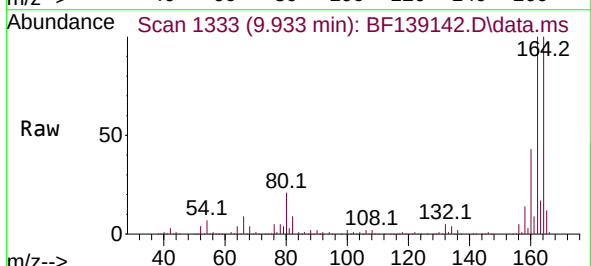
Tgt Ion:164 Resp: 181312

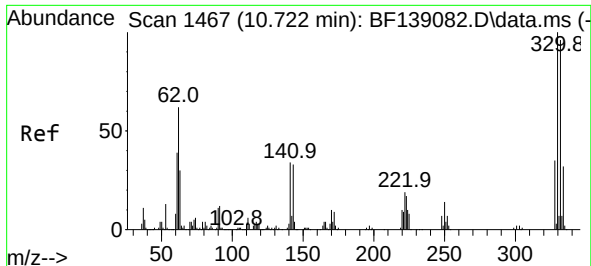
Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

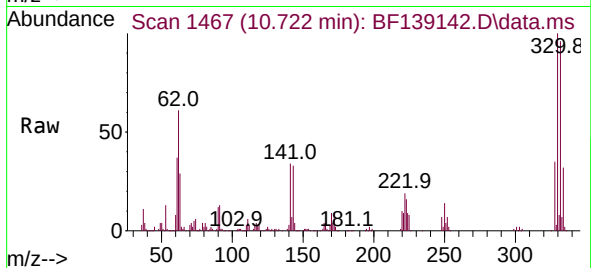
160 43.0 34.5 51.7



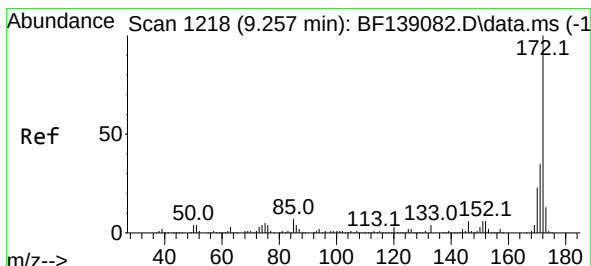
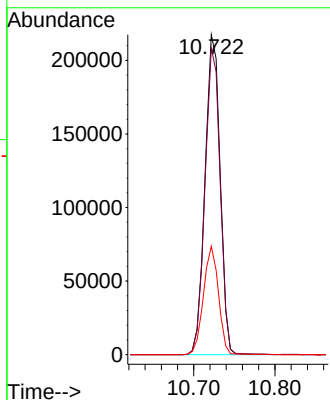
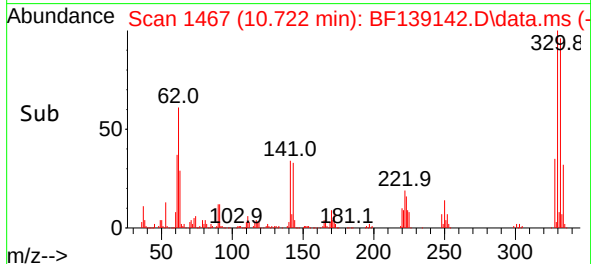


#42
2,4,6-Tribromophenol
Concen: 171.420 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Instrument :
BNA_F
ClientSampleId :
20430

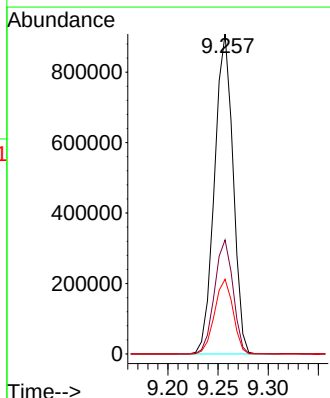
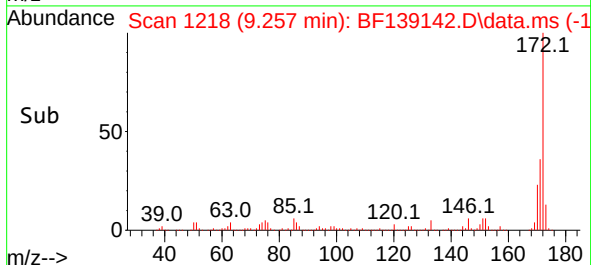
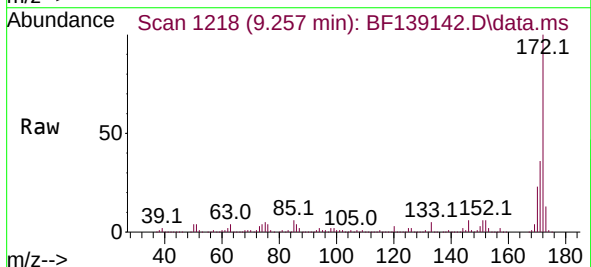


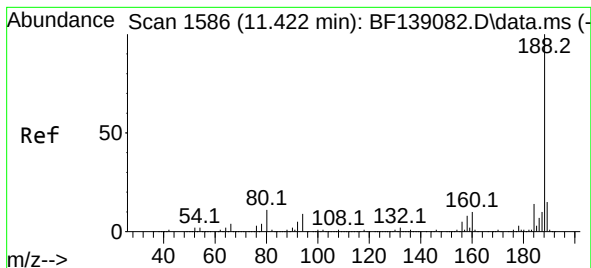
Tgt Ion: 330 Resp: 281367
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.6 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 102.156 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion: 172 Resp: 1167404
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

20430

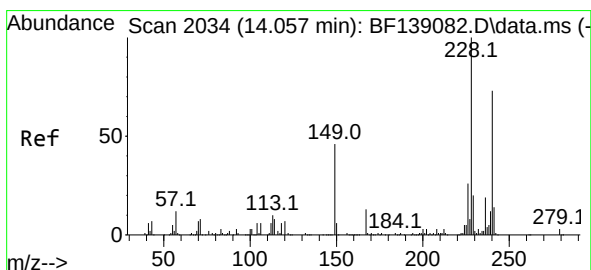
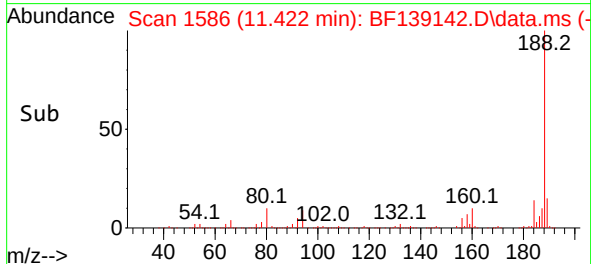
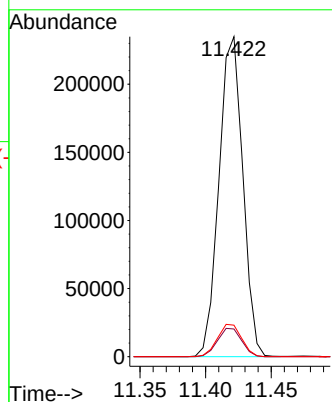
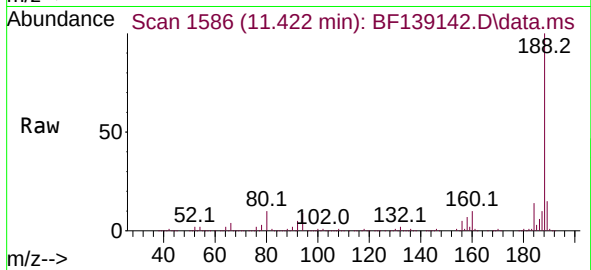
Tgt Ion:188 Resp: 296950

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

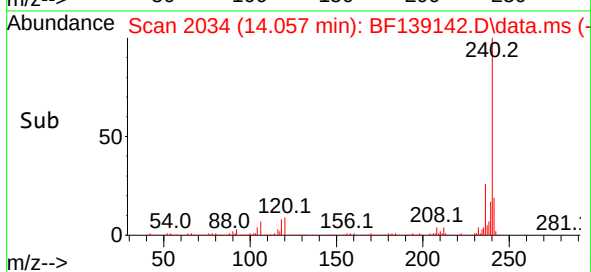
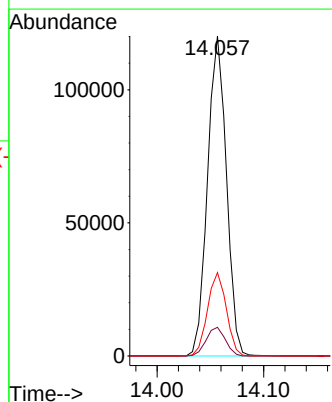
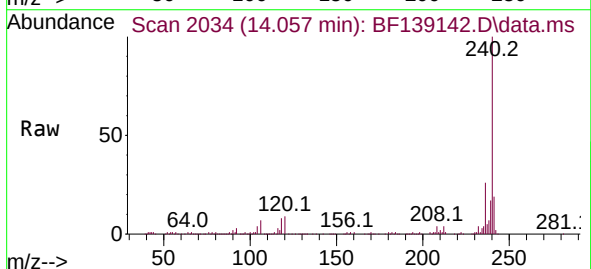
Tgt Ion:240 Resp: 148166

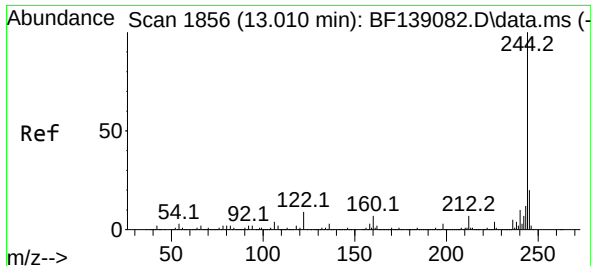
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

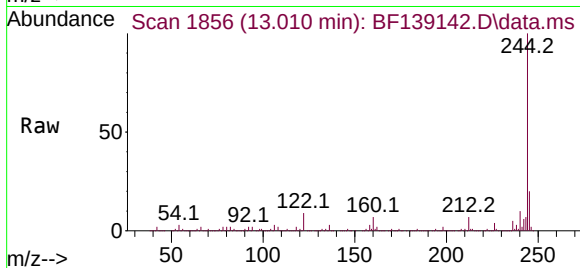
236 26.0 20.9 31.3



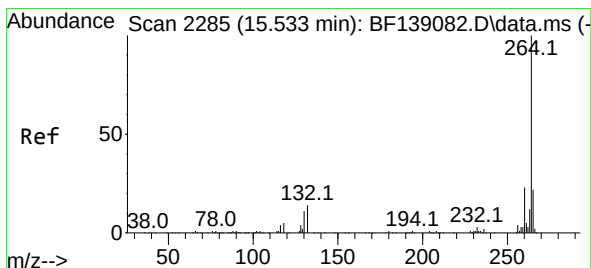
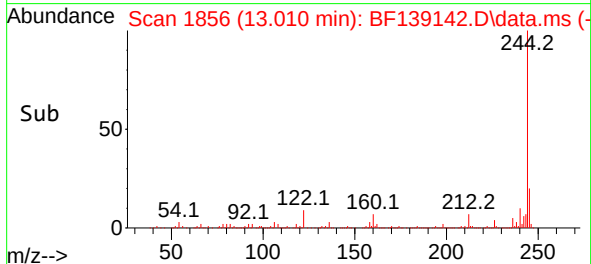
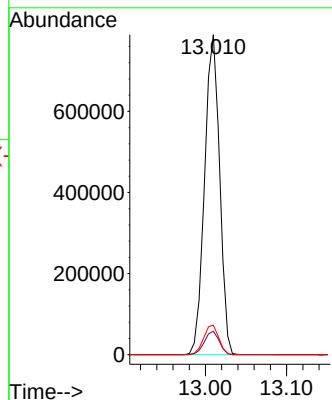


#79
Terphenyl-d14
Concen: 113.488 ng
RT: 13.010 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1013388
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:264 Resp: 172519
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.1 17.4 26.2

