

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139522.D
 Acq On : 24 Sep 2024 16:10
 Operator : RC/JU
 Sample : P4149-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Sep 24 16:35:20 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)

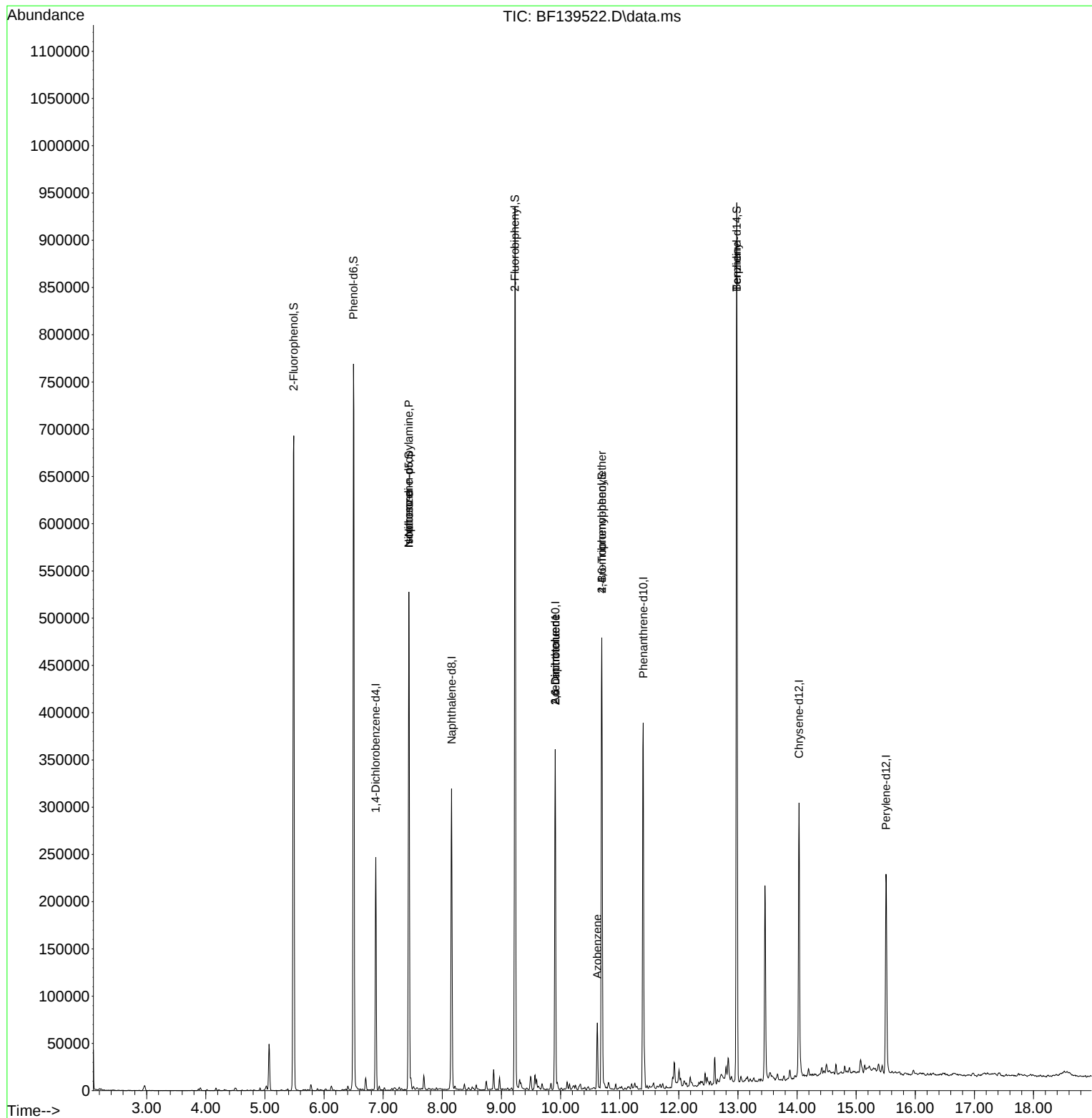
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	47235	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	179284	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102729	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	204790	20.000	ng	0.00
76) Chrysene-d12	14.033	240	128597	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	232133	80.171	ng	0.00
7) Phenol-d6	6.498	99	318709	83.860	ng	0.00
23) Nitrobenzene-d5	7.434	82	210643	55.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	71378	65.264	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	402212	54.912	ng	0.00
79) Terphenyl-d14	12.980	244	434669	55.480	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	28350	12.588	ng	# 76
25) Isophorone	7.434	82	210638	34.924	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	13936	9.330	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	13936	6.911	ng	# 16
63) Azobenzene	10.622	77	18407	2.690	ng	# 4
67) 4-Bromophenyl-phenylether	10.698	248	5036	2.482	ng	# 1
77) Benzidine	12.980	184	6260	3.398	ng	# 90

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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COMP-8

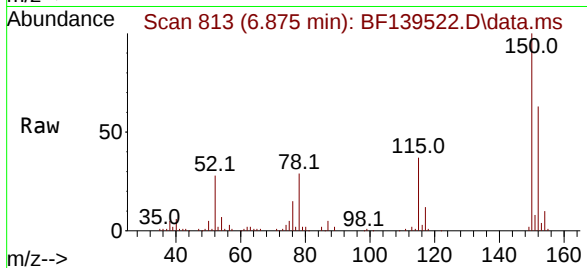
Quant Time: Sep 24 16:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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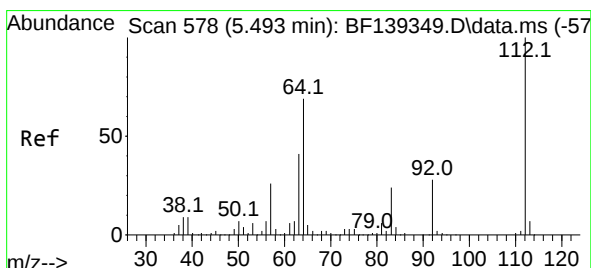
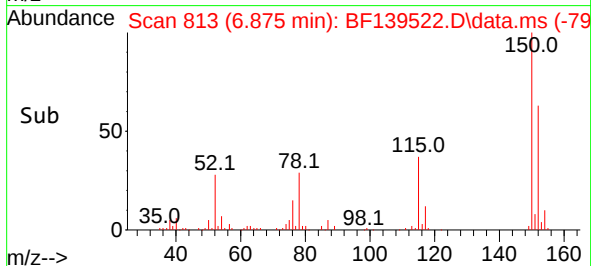
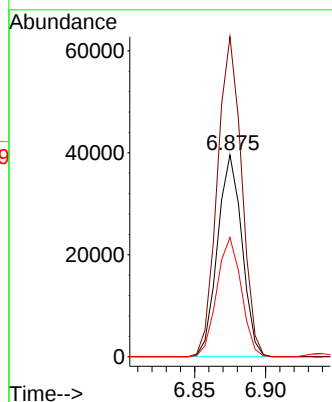


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Instrument :
BNA_F
ClientSampleId :
COMP-8

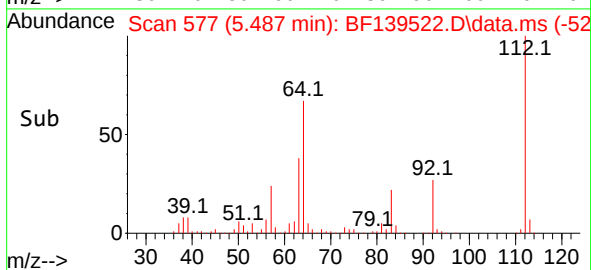
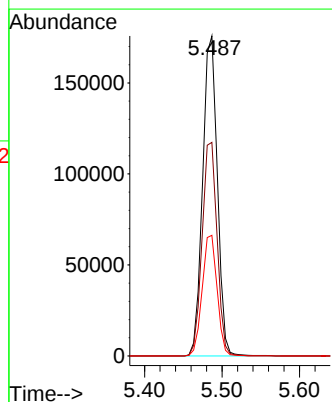
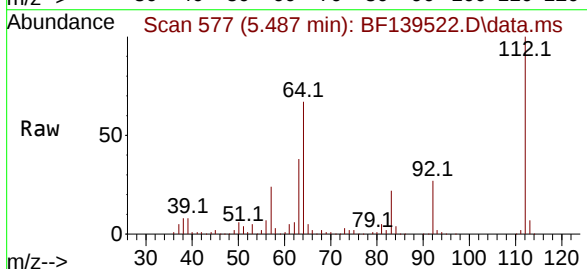


Tgt Ion:152 Resp: 47235
Ion Ratio Lower Upper
152 100
150 158.6 124.1 186.1
115 59.0 48.1 72.1



#5
2-Fluorophenol
Concen: 80.171 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

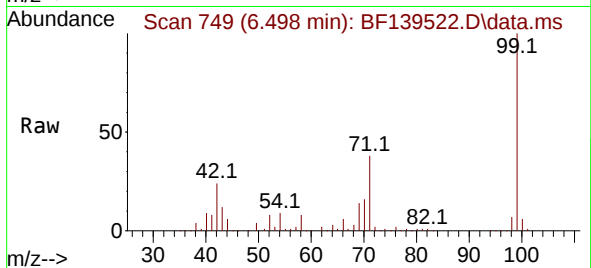
Tgt Ion:112 Resp: 232133
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 37.7 33.0 49.4



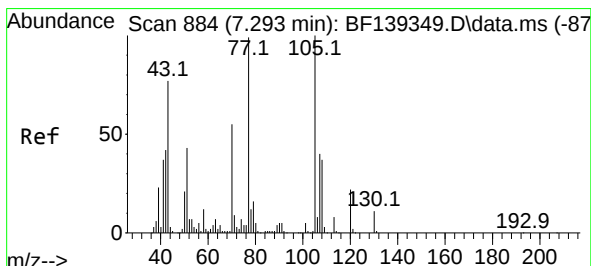
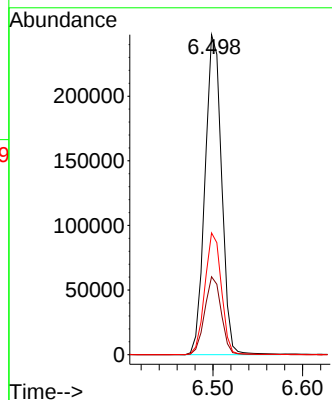
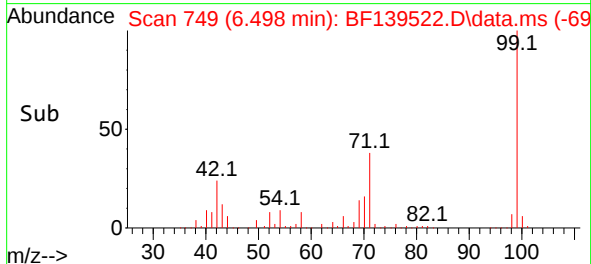


#7
Phenol-d6
Concen: 83.860 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

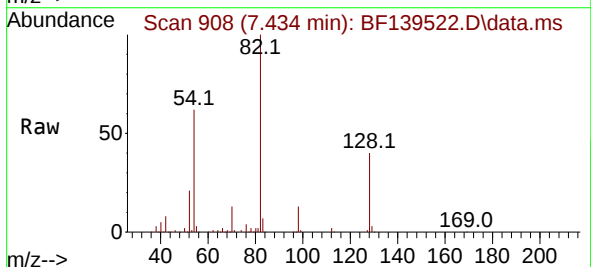
Instrument :
BNA_F
ClientSampleId :
COMP-8



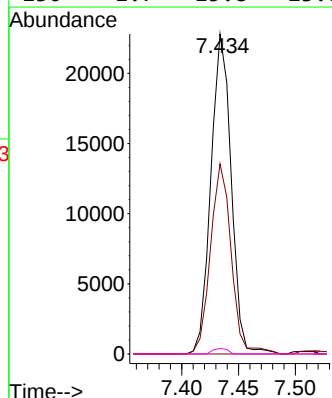
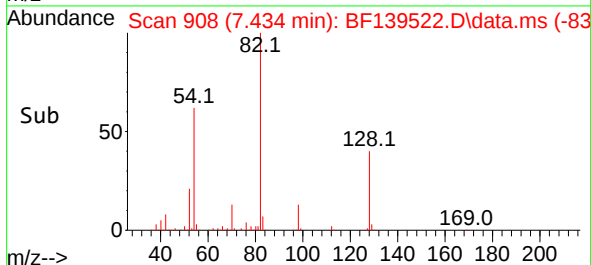
Tgt Ion: 99 Resp: 318709
Ion Ratio Lower Upper
99 100
42 24.3 21.9 32.9
71 38.0 34.6 52.0

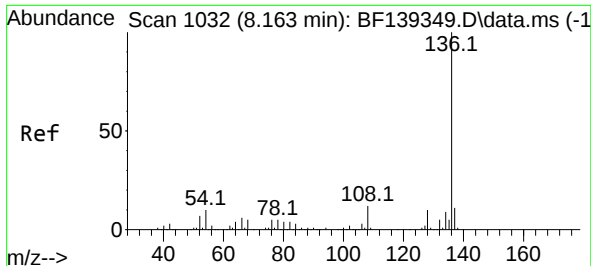


#19
n-Nitroso-di-n-propylamine
Concen: 12.588 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10



Tgt Ion: 70 Resp: 28350
Ion Ratio Lower Upper
70 100
42 59.4 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

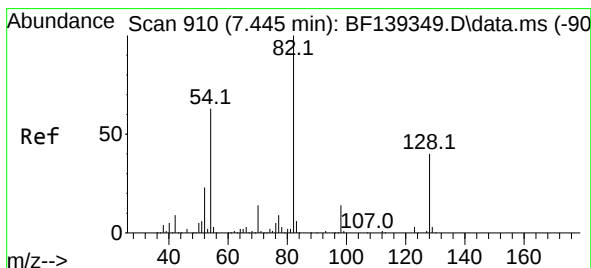
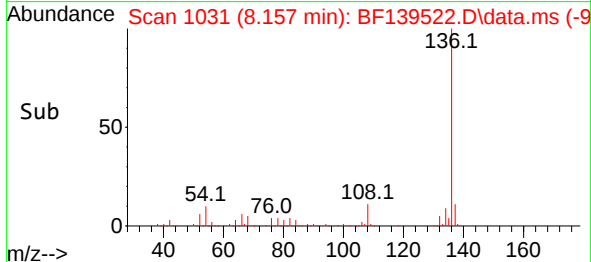
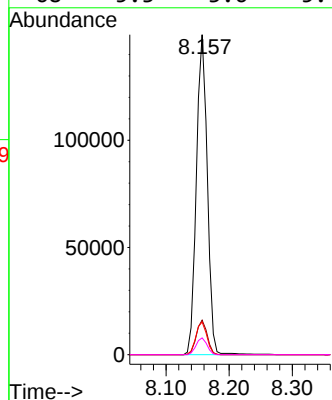
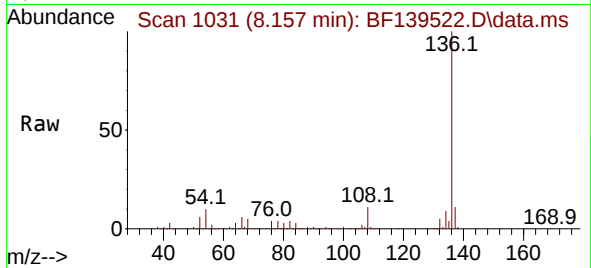




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

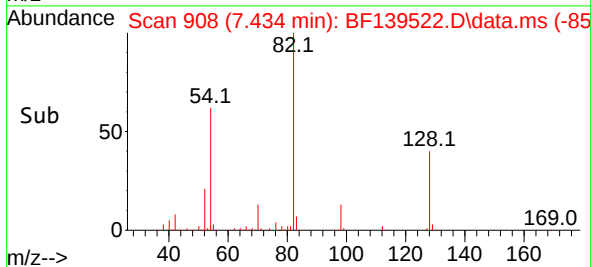
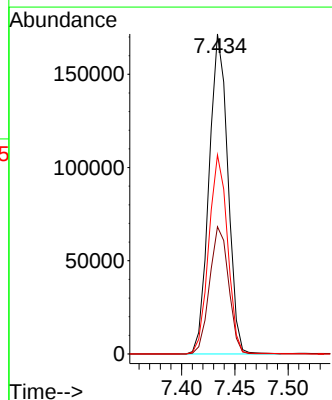
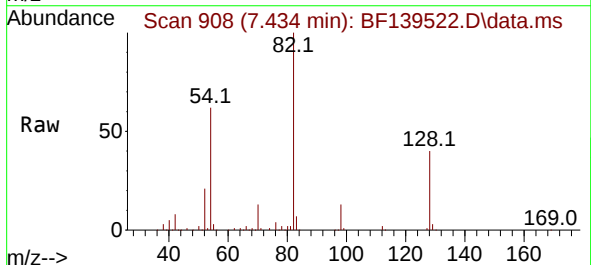
Instrument :
BNA_F
ClientSampleId :
COMP-8

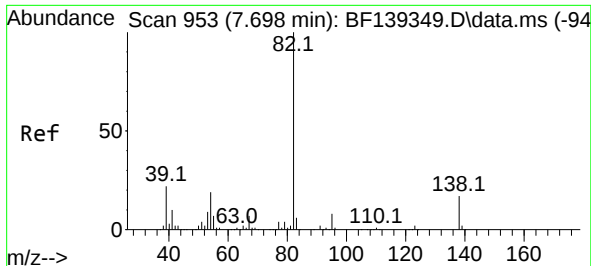
Tgt Ion:136 Resp: 179284
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.2 7.8 11.8
68 5.3 3.6 5.4



#23
Nitrobenzene-d5
Concen: 55.234 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion: 82 Resp: 210643
Ion Ratio Lower Upper
82 100
128 39.8 31.8 47.6
54 62.2 50.6 75.8

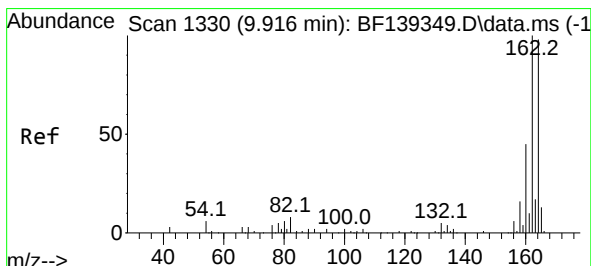
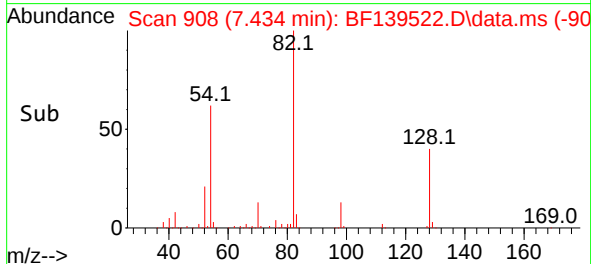
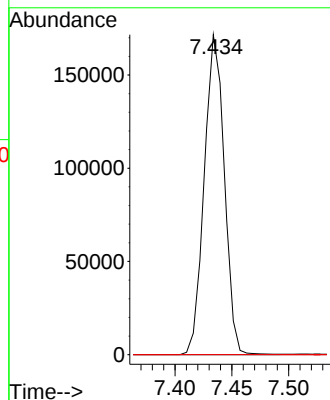
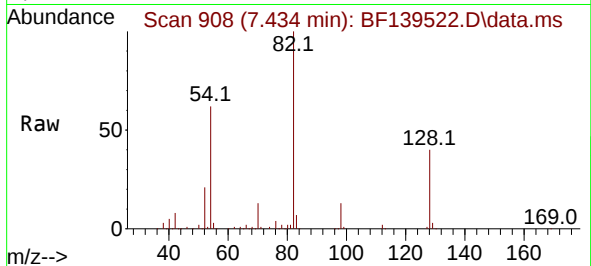




#25
Isophorone
Concen: 34.924 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

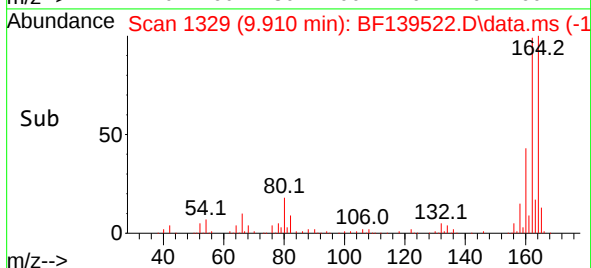
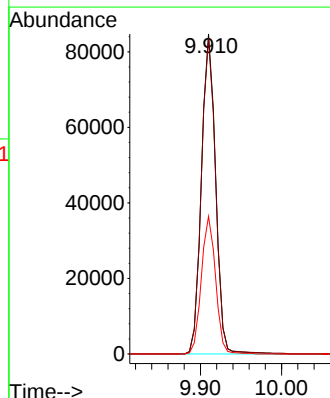
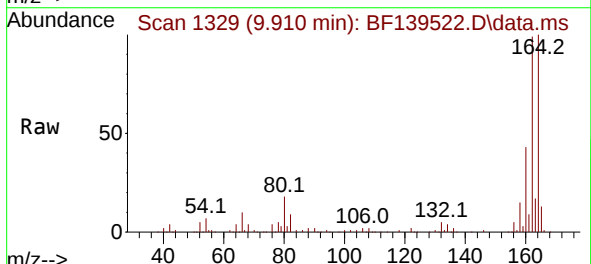
Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion: 82 Resp: 210638
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

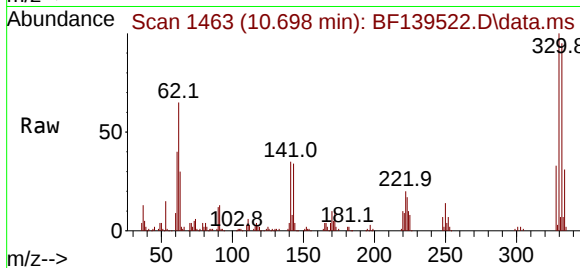
Tgt Ion: 164 Resp: 102729
Ion Ratio Lower Upper
164 100
162 98.6 81.3 121.9
160 43.0 36.4 54.6



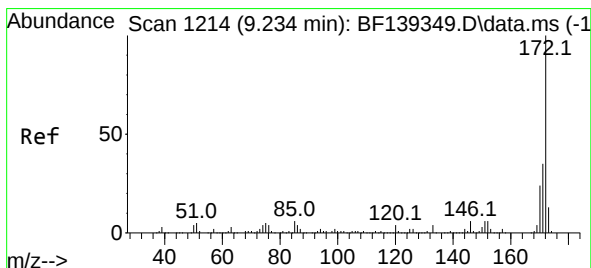
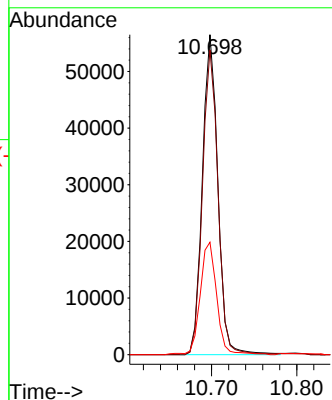
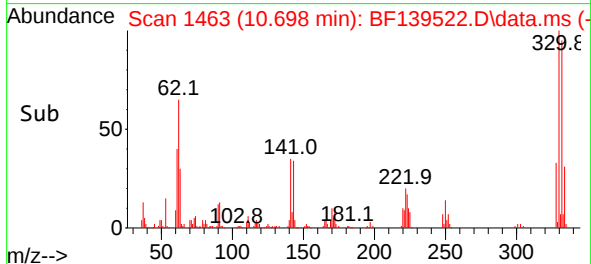


#42
2,4,6-Tribromophenol
Concen: 65.264 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

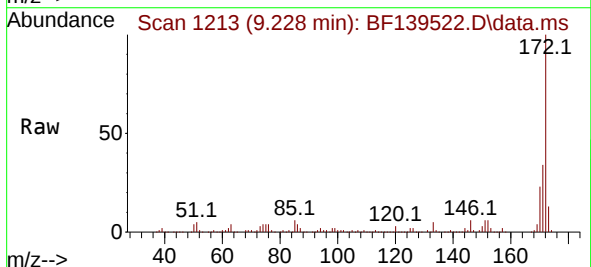
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BNA_F
ClientSampleId :
COMP-8



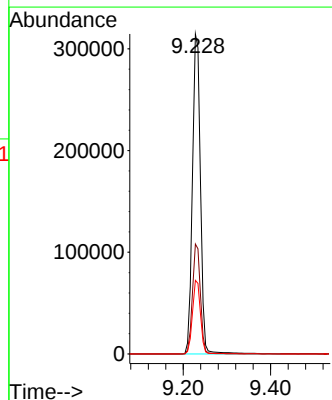
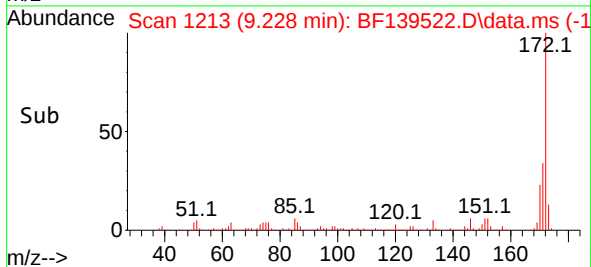
Tgt Ion:330 Resp: 71378
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 37.4 31.2 46.8

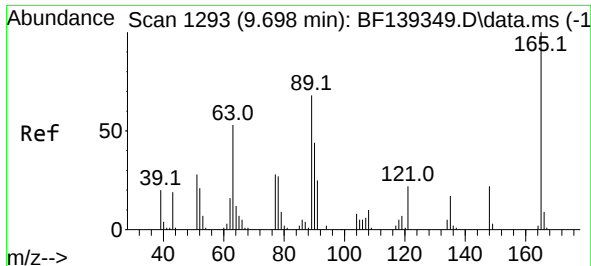


#45
2-Fluorobiphenyl
Concen: 54.912 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10



Tgt Ion:172 Resp: 402212
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.0 19.0 28.6

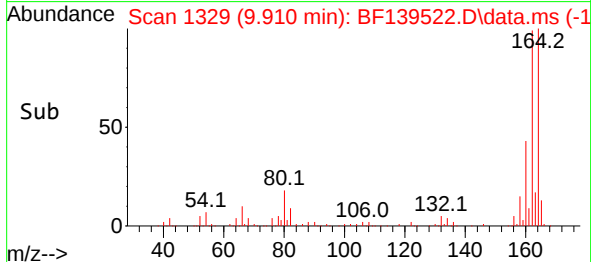
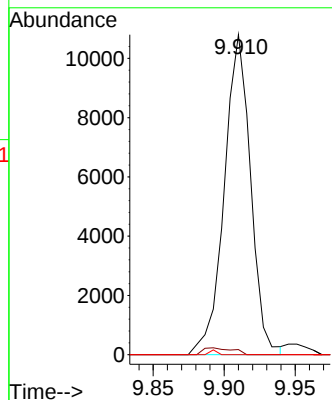
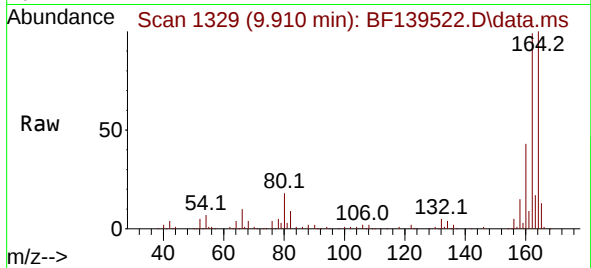




#51
2,6-Dinitrotoluene
Concen: 9.330 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

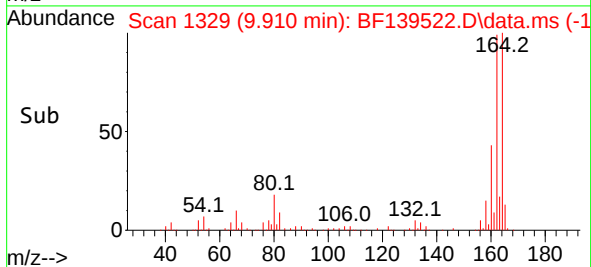
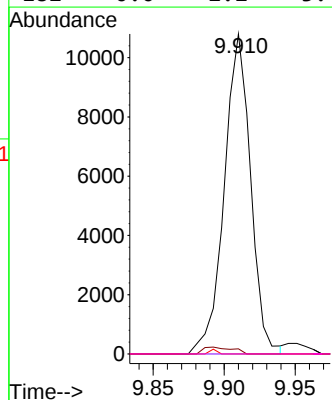
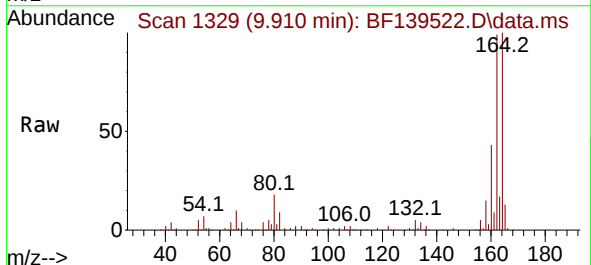
Instrument :
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ClientSampleId :
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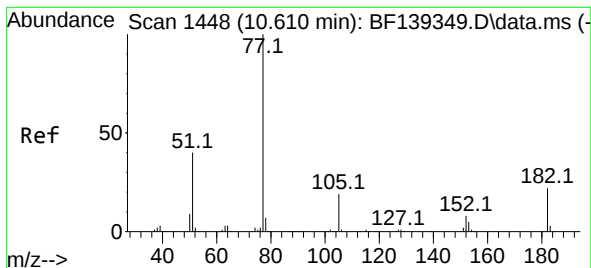
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Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion:165 Resp: 13936
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.6#
89 0.0 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.690 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

Instrument :

BNA_F

ClientSampleId :

COMP-8

Tgt Ion: 77 Resp: 18407

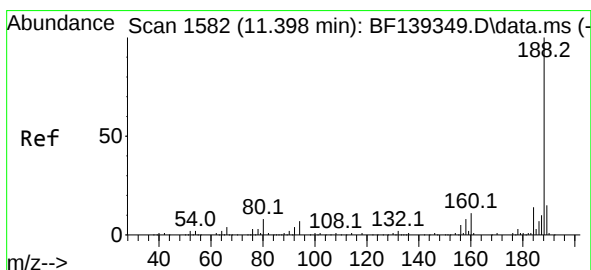
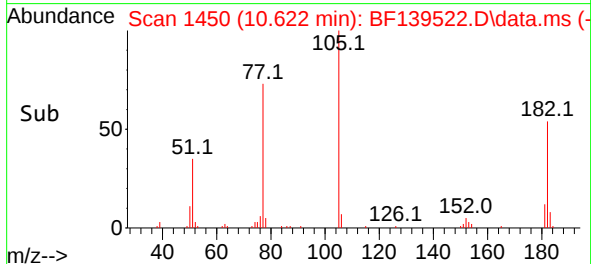
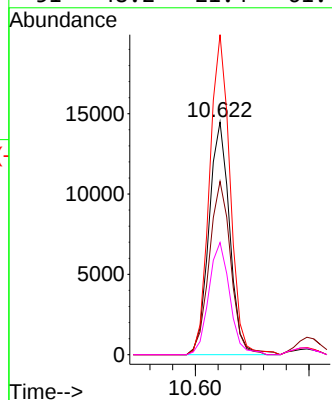
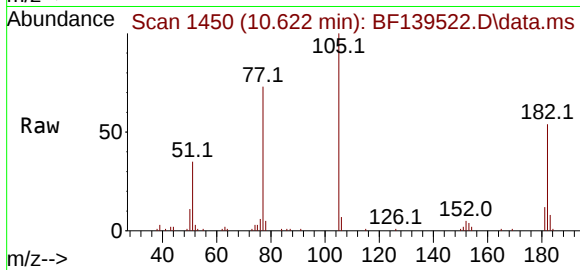
Ion Ratio Lower Upper

77 100

182 74.5 1.8 41.8#

105 137.5 0.0 38.6#

51 48.2 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

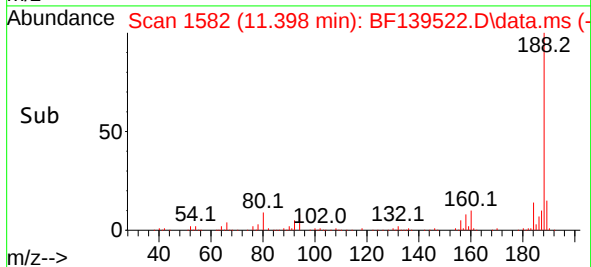
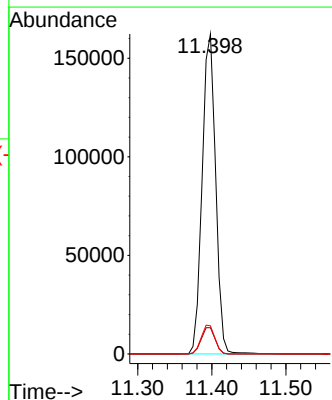
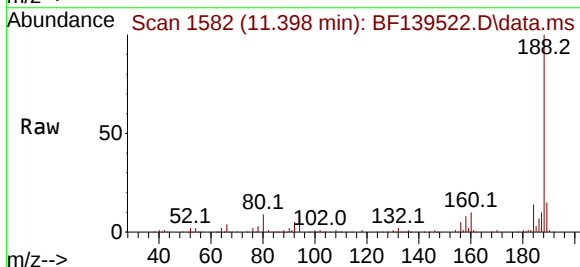
Tgt Ion:188 Resp: 204790

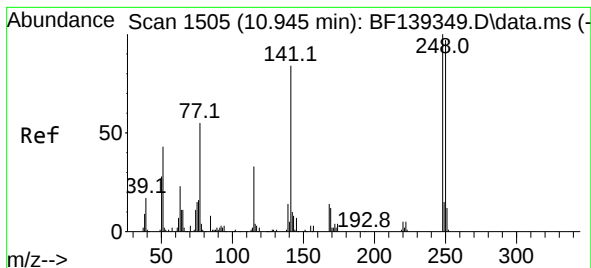
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.8 6.6 9.8

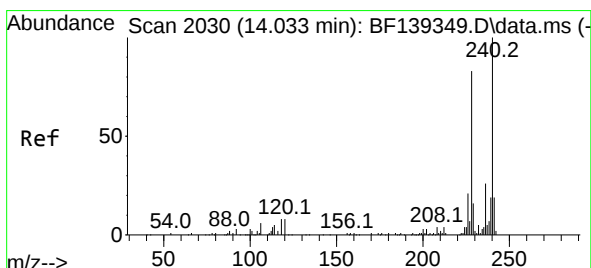
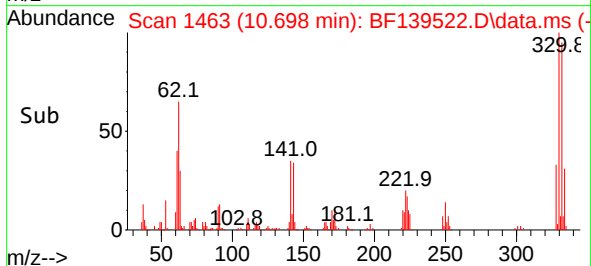
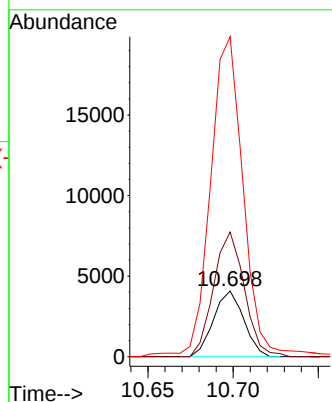
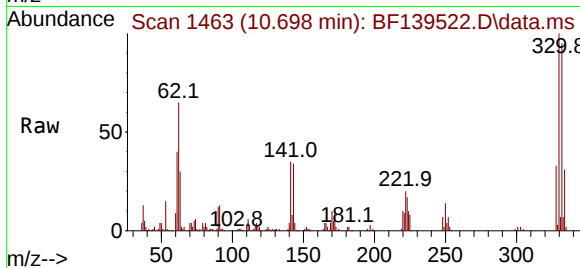




#67
4-Bromophenyl-phenylether
Concen: 2.482 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

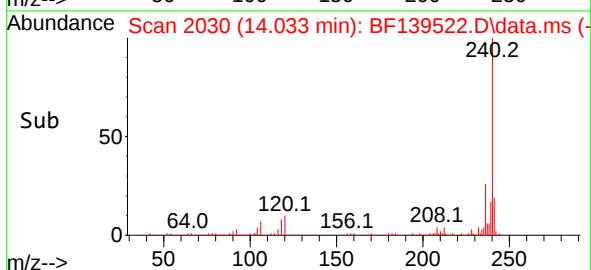
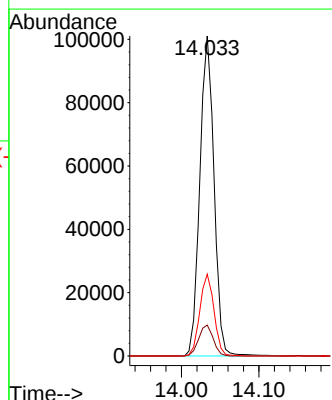
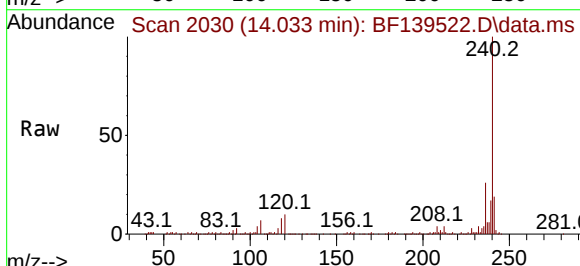
Instrument :
BNA_F
ClientSampleId :
COMP-8

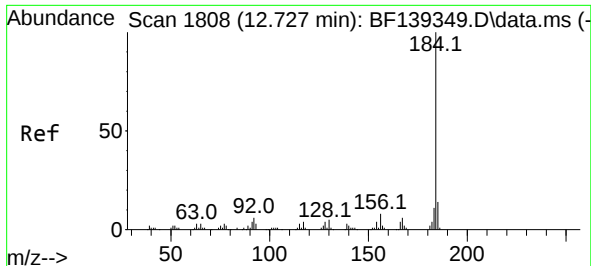
Tgt Ion:248 Resp: 5036
Ion Ratio Lower Upper
248 100
250 190.1 77.6 116.4#
141 488.3 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion:240 Resp: 128597
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 25.6 20.9 31.3

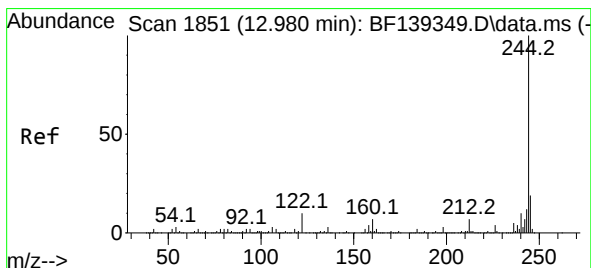
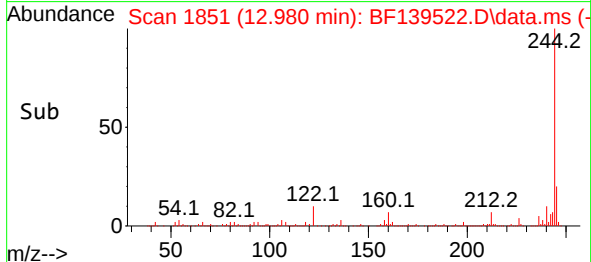
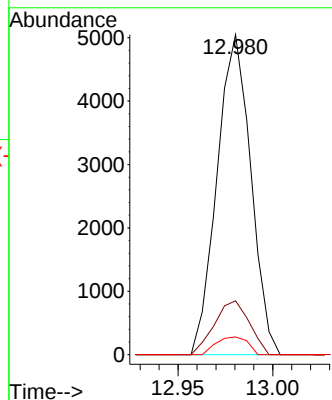
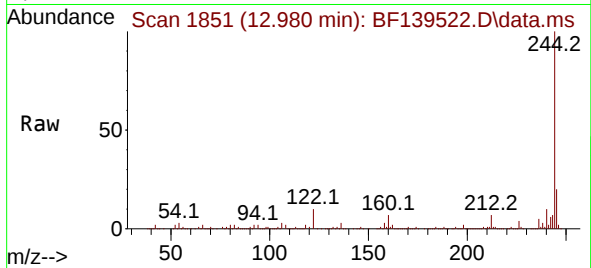




#77
Benzidine
Concen: 3.398 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

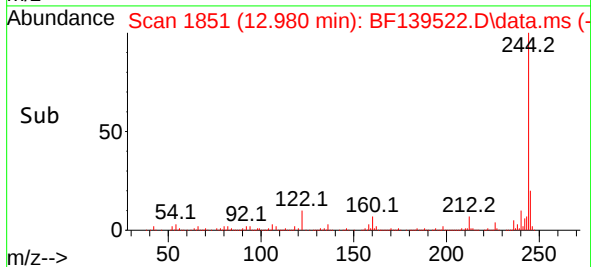
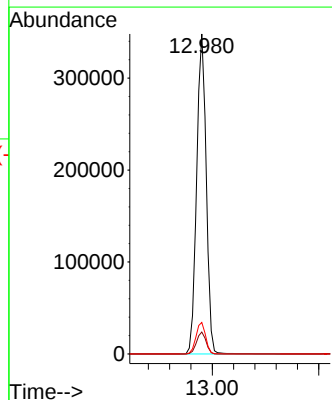
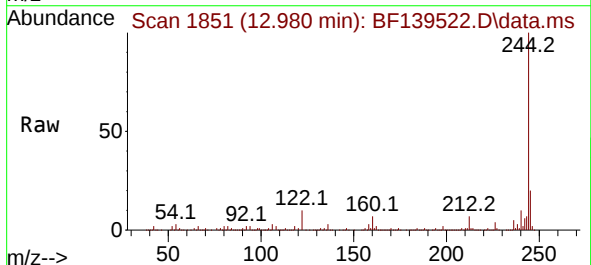
Instrument :
BNA_F
ClientSampleId :
COMP-8

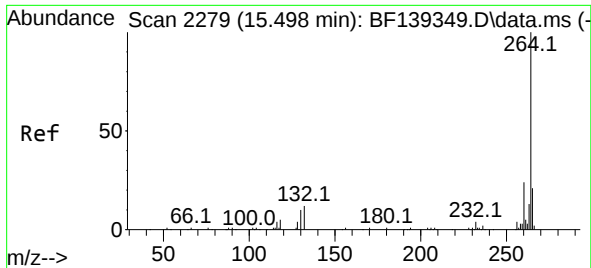
Tgt Ion:184 Resp: 6260
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 5.5 8.9 13.3#



#79
Terphenyl-d14
Concen: 55.480 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

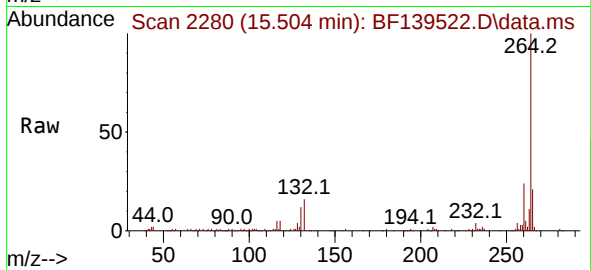
Tgt Ion:244 Resp: 434669
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.8 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Instrument :
BNA_F
ClientSampleId :
COMP-8



Tgt Ion:264 Resp: 124570
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.0 16.6 25.0

