

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139553.D
 Acq On : 26 Sep 2024 18:30
 Operator : RC/JU
 Sample : P4176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

Quant Time: Sep 27 01:06:41 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)

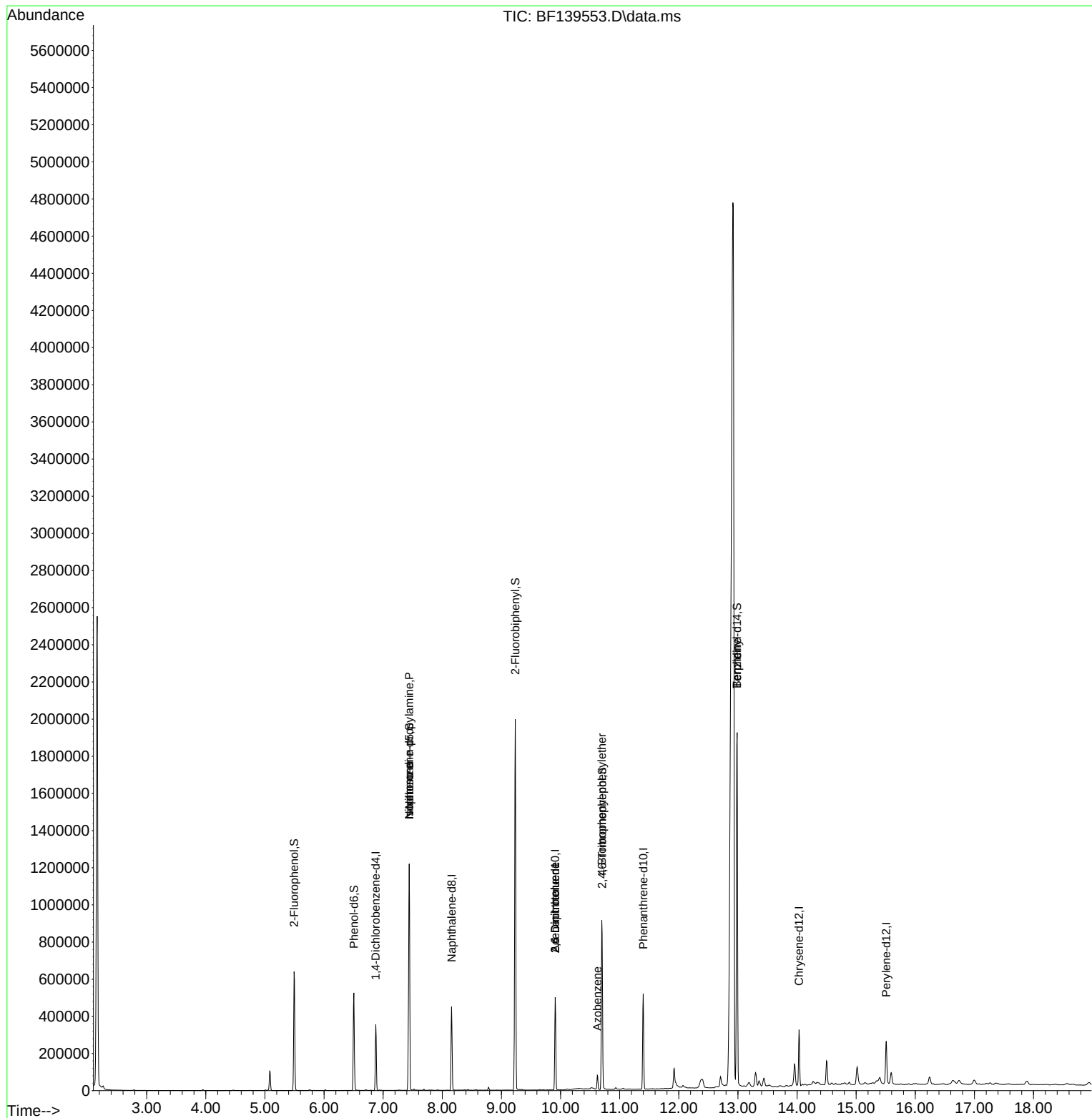
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68783	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258808	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	143953	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	261366	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	137367	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	128950	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	211133	50.075	ng	0.00
7) Phenol-d6	6.504	99	218527	39.487	ng	0.00
23) Nitrobenzene-d5	7.440	82	530277	96.323	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	139475	91.008	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	855634	83.364	ng	0.00
79) Terphenyl-d14	12.986	244	924589	110.479	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	72756	22.185	ng	# 74
25) Isophorone	7.440	82	529008	60.760	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18271	8.729	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18271	6.466	ng	# 16
63) Azobenzene	10.622	77	20383	2.125	ng	# 14
67) 4-Bromophenyl-phenylether	10.698	248	9701	3.745	ng	# 1
77) Benzidine	12.986	184	13383	6.800	ng	# 89

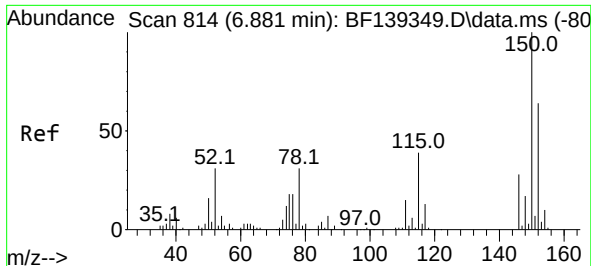
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139553.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

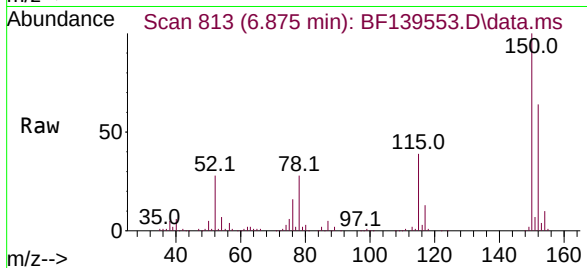
Quant Time: Sep 27 01:06:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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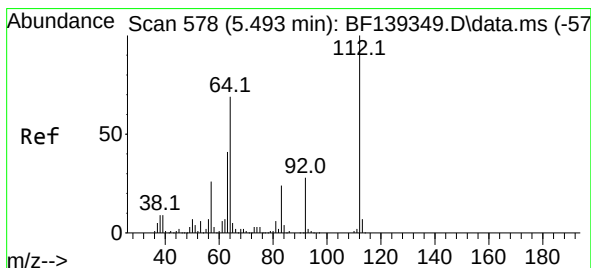
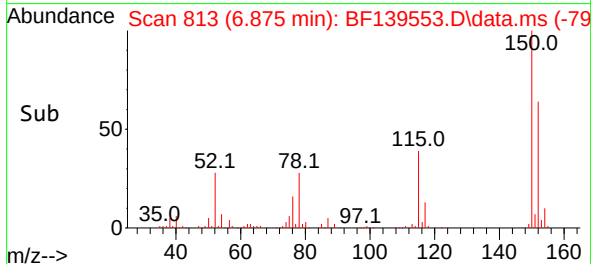
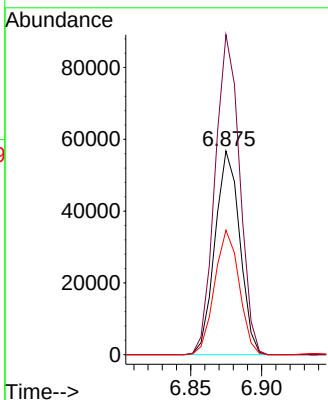


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

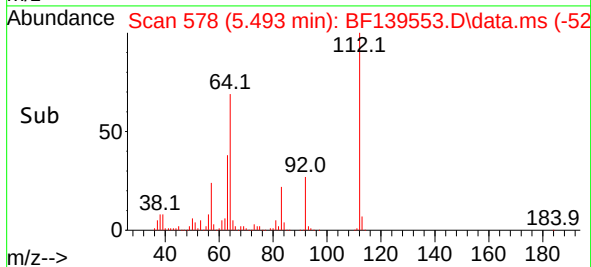
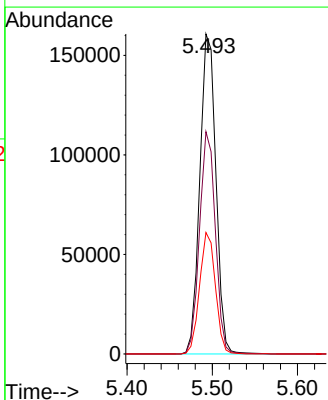
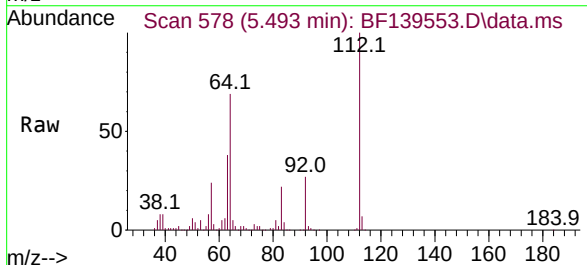


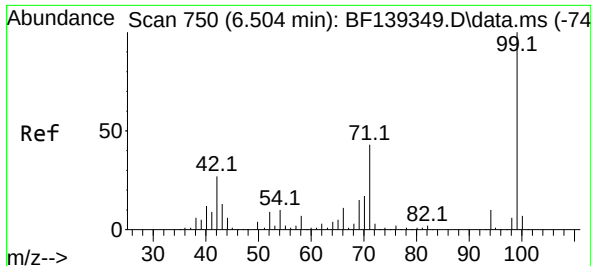
Tgt Ion:152 Resp: 68783
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.1 186.1
 115 61.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 50.075 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Tgt Ion:112 Resp: 211133
 Ion Ratio Lower Upper
 112 100
 64 69.4 54.8 82.2
 63 38.0 33.0 49.4

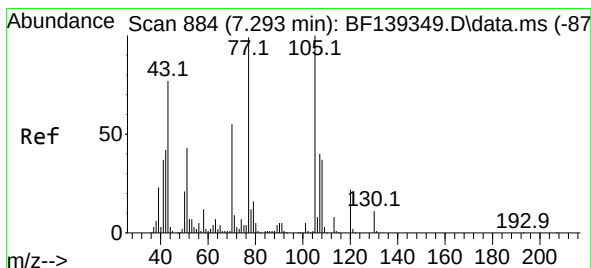
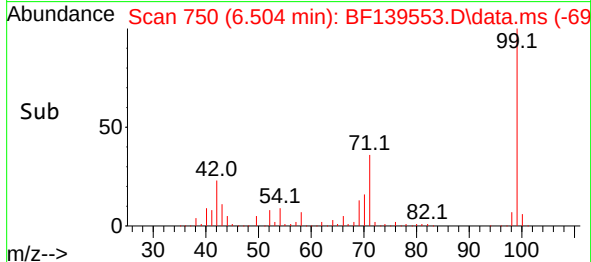
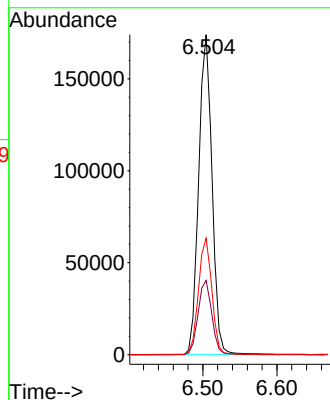
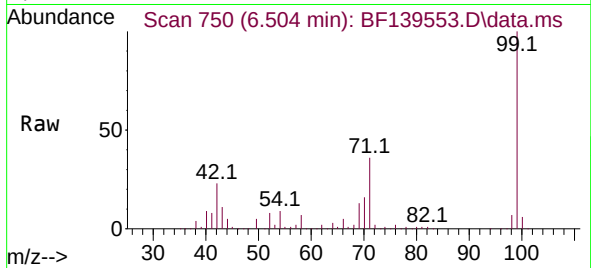




#7
Phenol-d6
Concen: 39.487 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

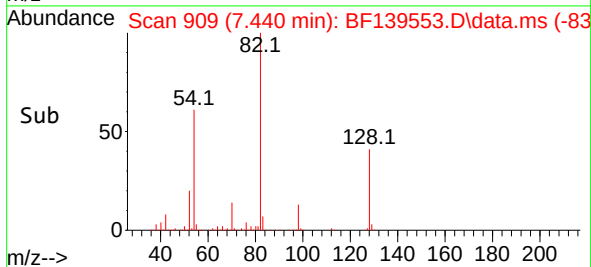
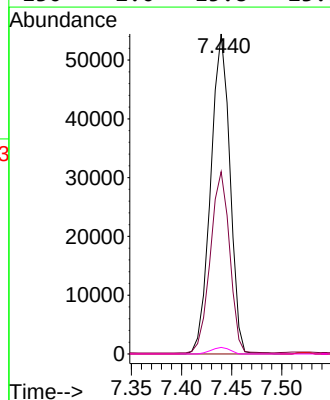
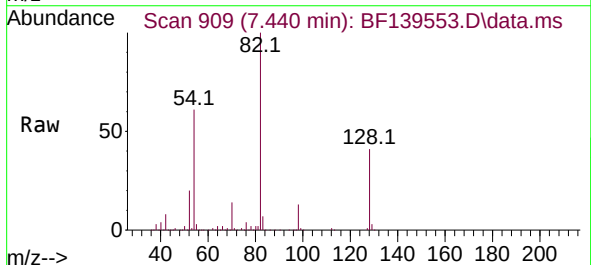
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

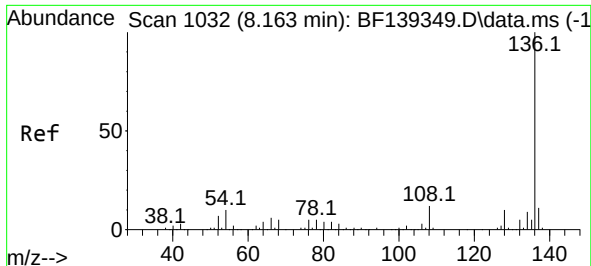
Tgt Ion: 99 Resp: 218527
Ion Ratio Lower Upper
99 100
42 23.2 21.9 32.9
71 36.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.185 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion: 70 Resp: 72756
Ion Ratio Lower Upper
70 100
42 57.0 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 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: BF139553.D
Acq: 26 Sep 2024 18:30

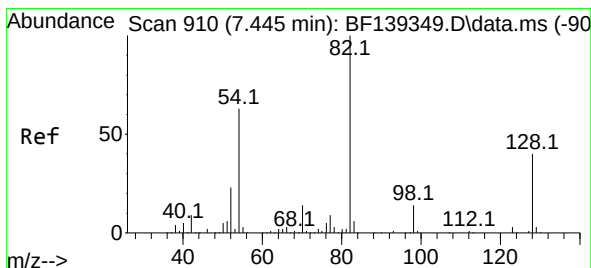
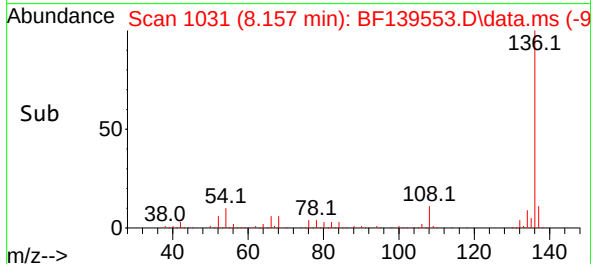
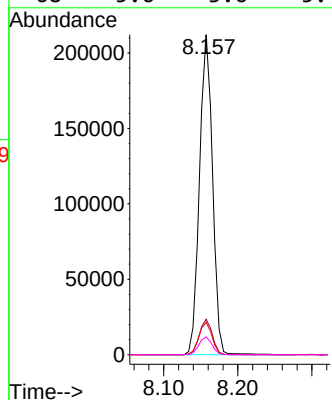
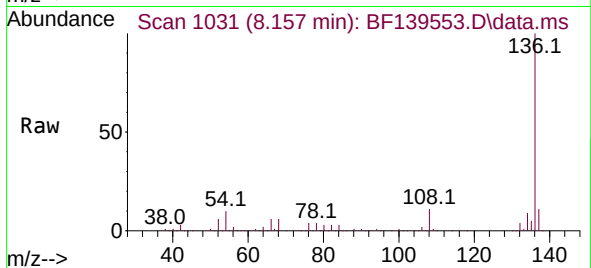
Instrument :

BNA_F

ClientSampleId :

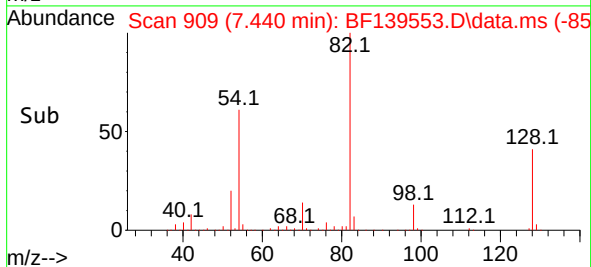
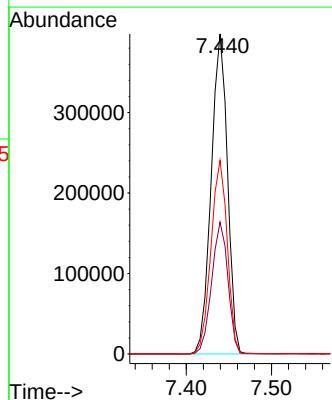
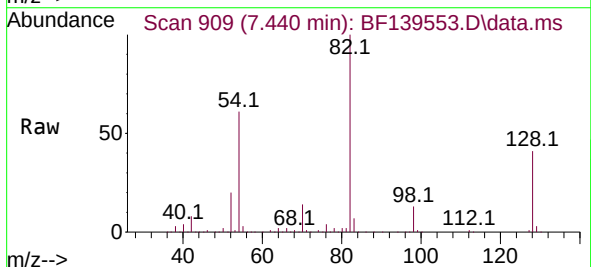
FB-NC-SYS2

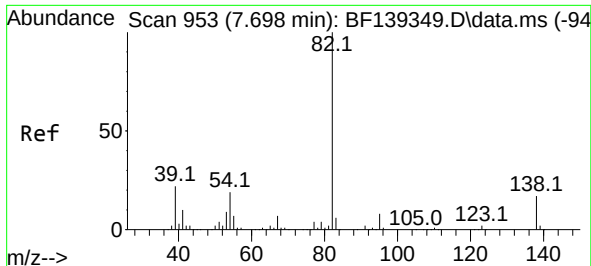
Tgt Ion:136 Resp: 258808
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 7.8 11.8
68 5.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 96.323 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion: 82 Resp: 530277
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 60.5 50.6 75.8

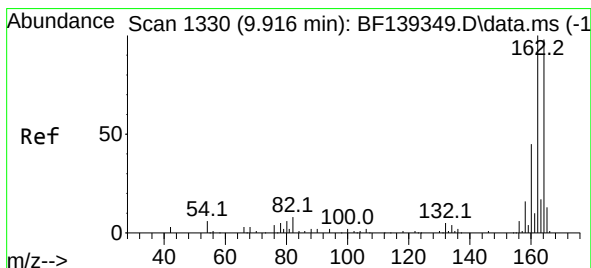
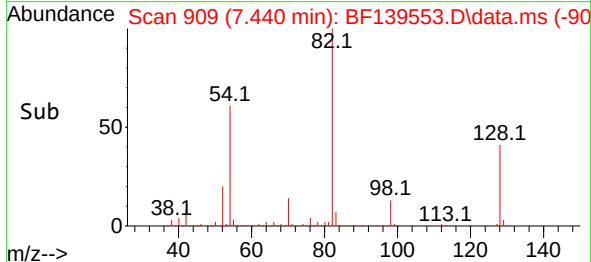
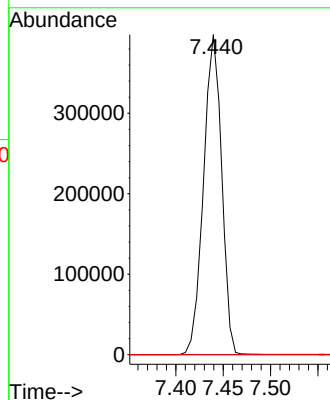
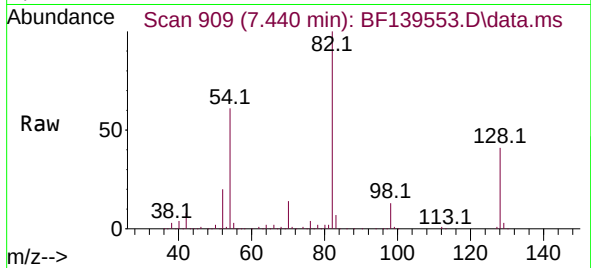




#25
Isophorone
Concen: 60.760 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

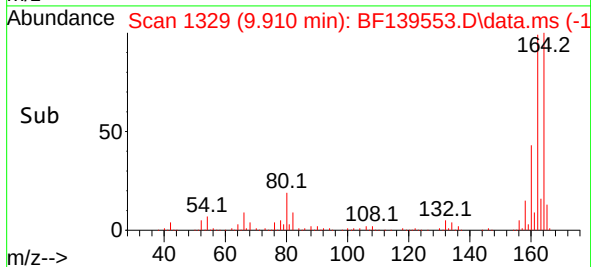
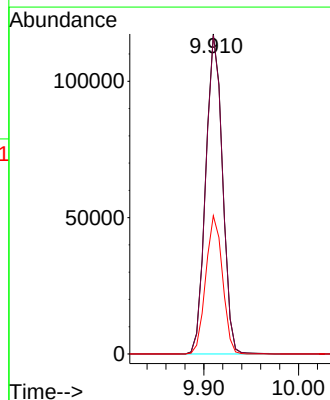
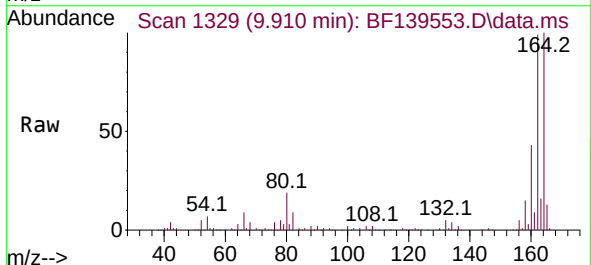
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

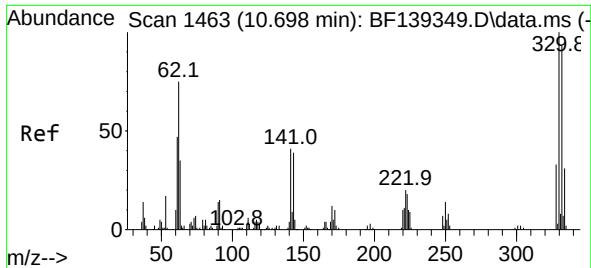
Tgt Ion: 82 Resp: 529008
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion:164 Resp: 143953
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 91.008 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139553.D

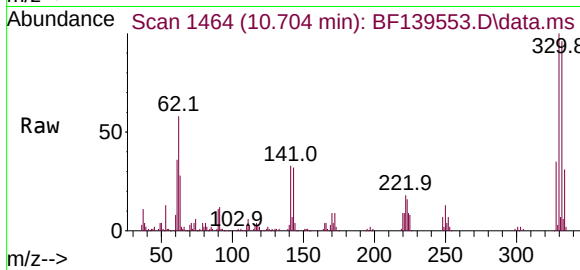
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Instrument :

BNA_F

ClientSampleId :

FB-NC-SYS2



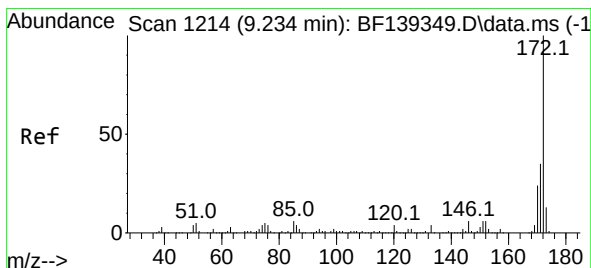
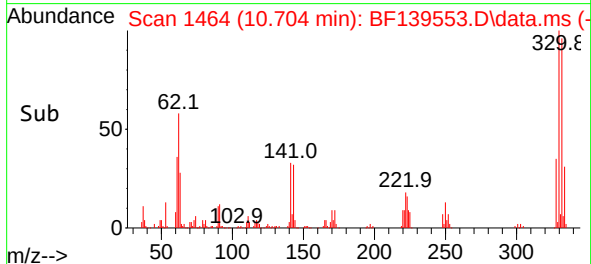
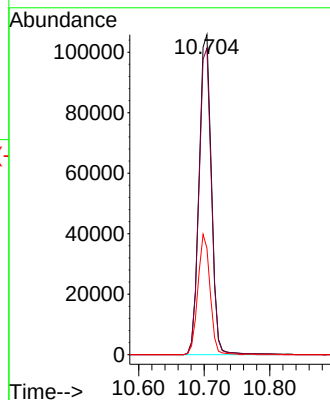
Tgt Ion:330 Resp: 139475

Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 36.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 83.364 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139553.D

Acq: 26 Sep 2024 18:30

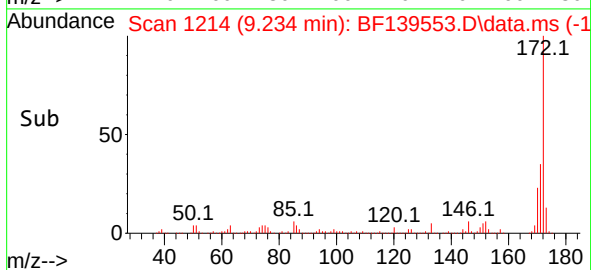
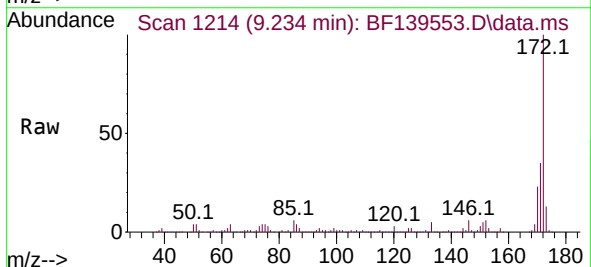
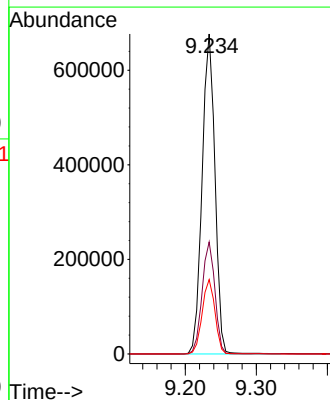
Tgt Ion:172 Resp: 855634

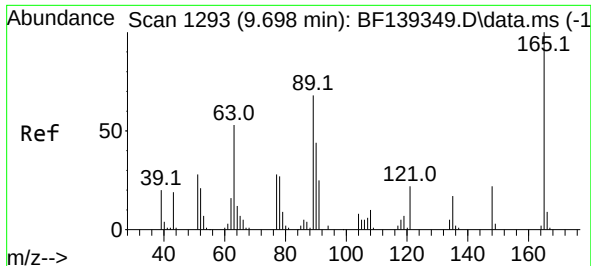
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

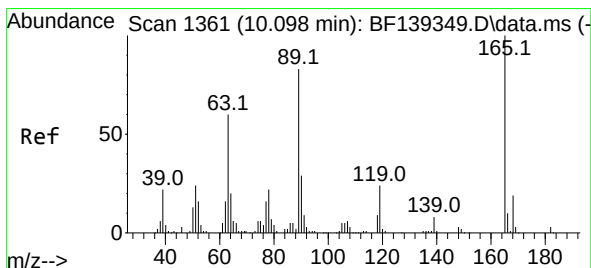
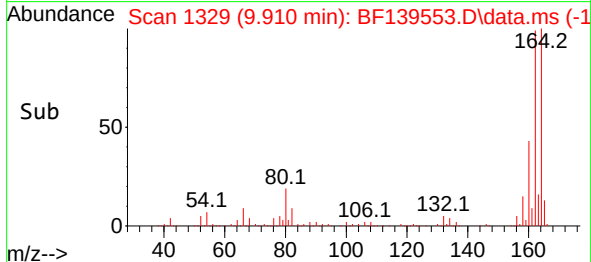
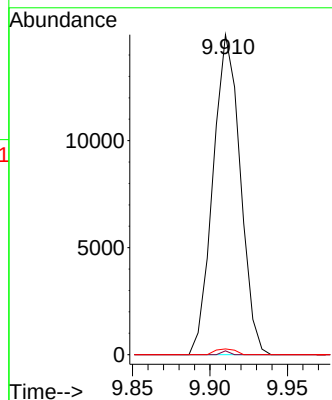
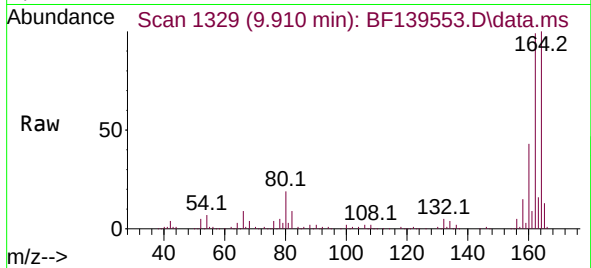




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

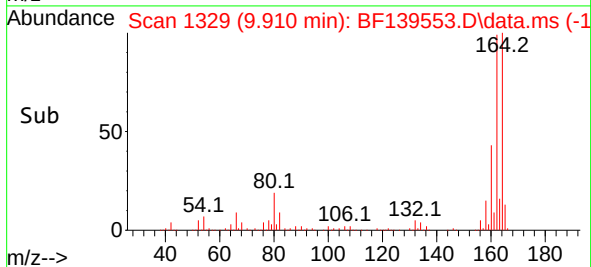
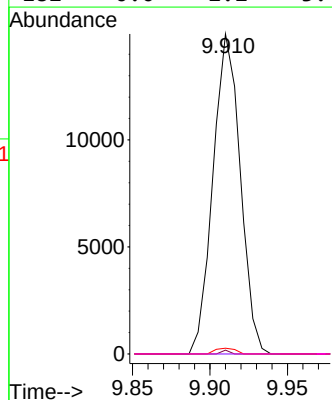
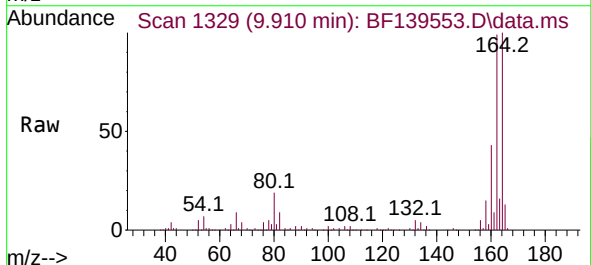
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

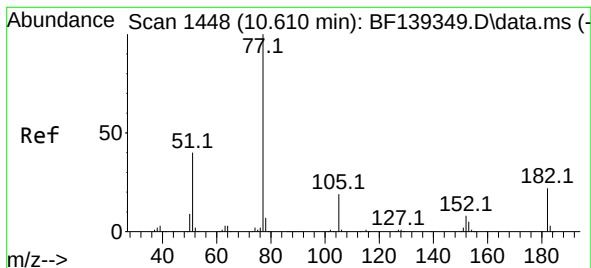
Tgt Ion:165 Resp: 18271
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion:165 Resp: 18271
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.125 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139553.D

Acq: 26 Sep 2024 18:30

Instrument :

BNA_F

ClientSampleId :

FB-NC-SYS2

Tgt Ion: 77 Resp: 20383

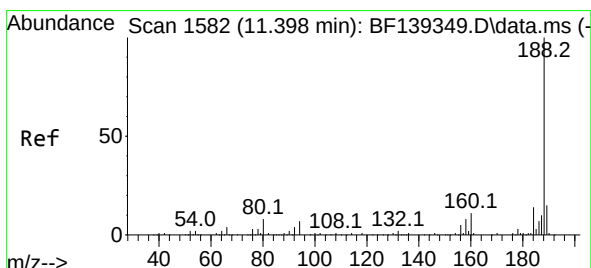
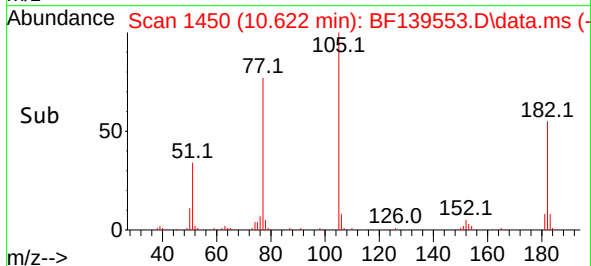
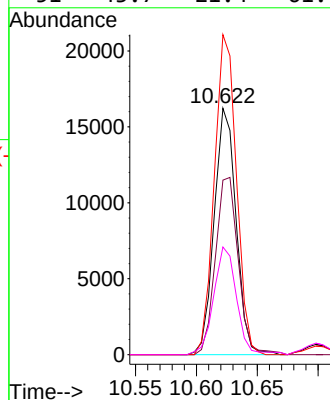
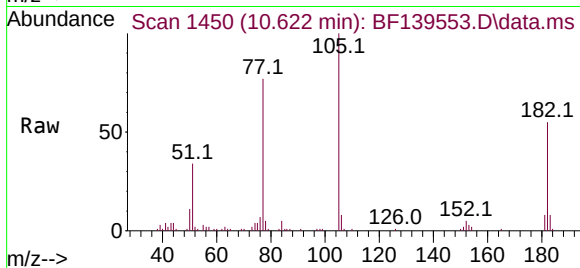
Ion Ratio Lower Upper

77 100

182 70.8 1.8 41.8#

105 129.9 0.0 38.6#

51 43.7 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: BF139553.D

Acq: 26 Sep 2024 18:30

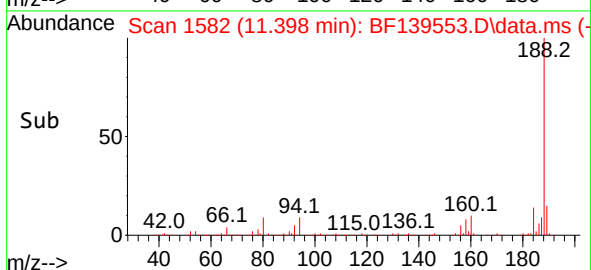
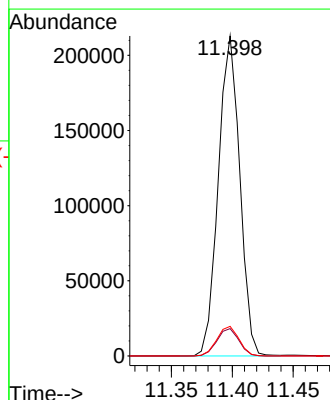
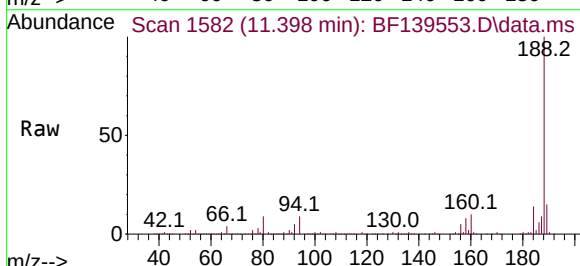
Tgt Ion: 188 Resp: 261366

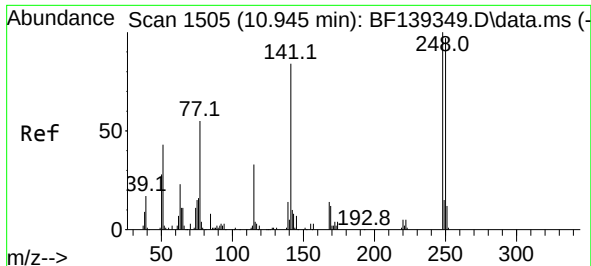
Ion Ratio Lower Upper

188 100

94 8.6 5.5 8.3#

80 9.3 6.6 9.8

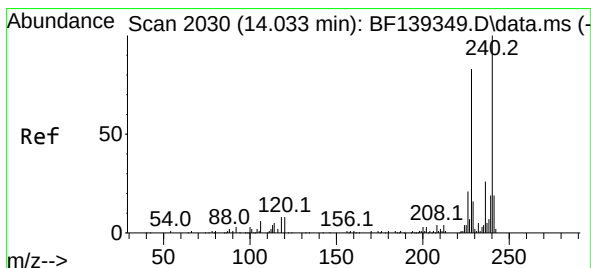
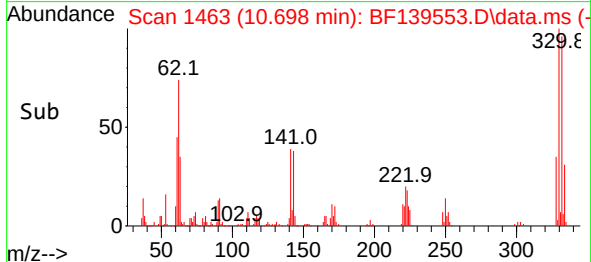
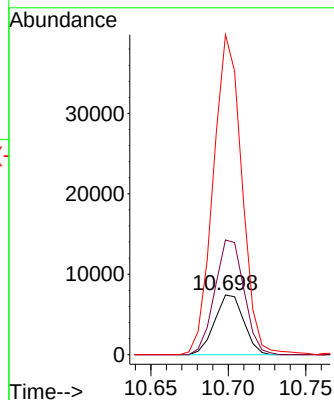
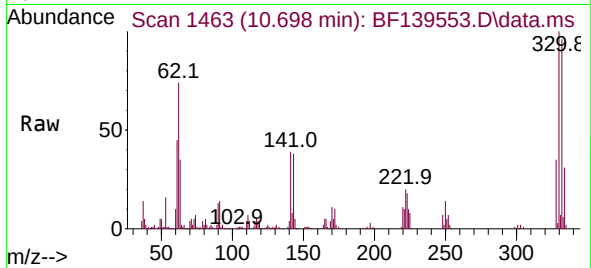




#67
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

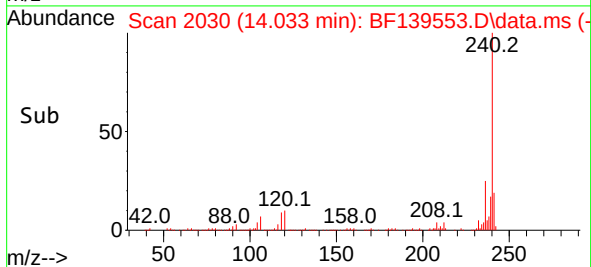
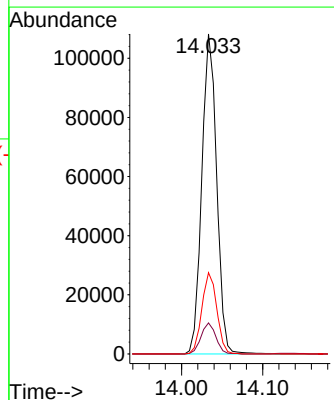
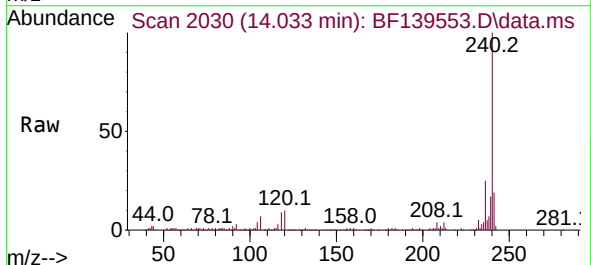
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

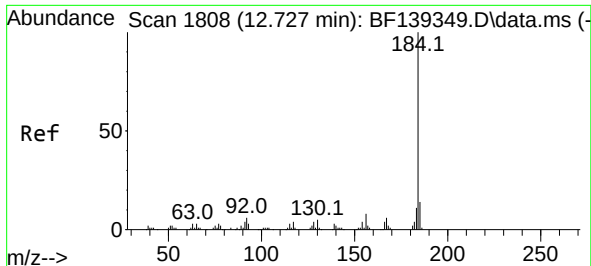
Tgt Ion:248 Resp: 9701
Ion Ratio Lower Upper
248 100
250 192.4 77.6 116.4#
141 536.8 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion:240 Resp: 137367
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 25.4 20.9 31.3

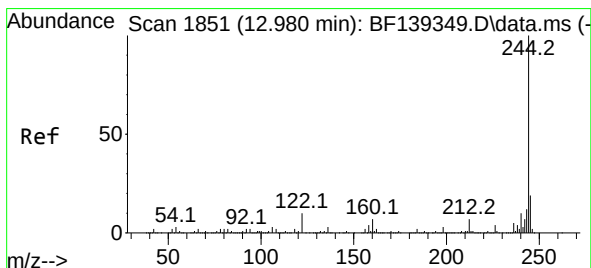
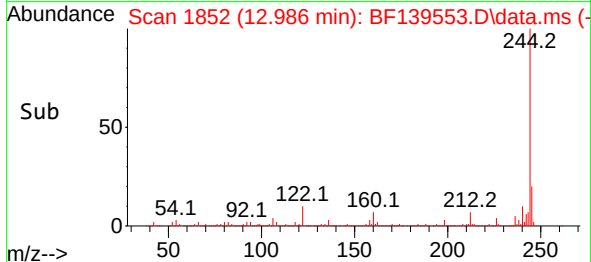
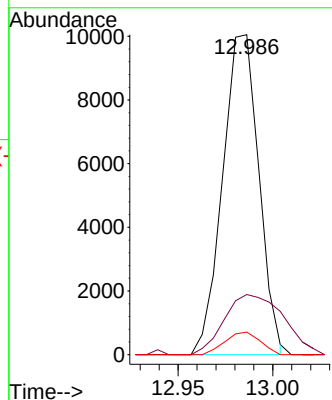
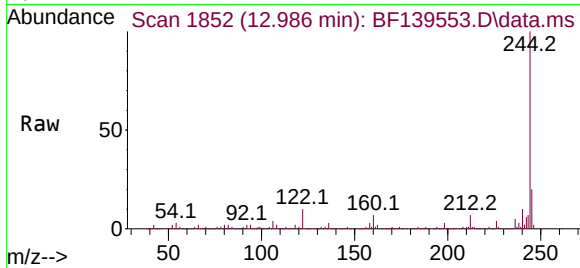




#77
Benzidine
Concen: 6.800 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

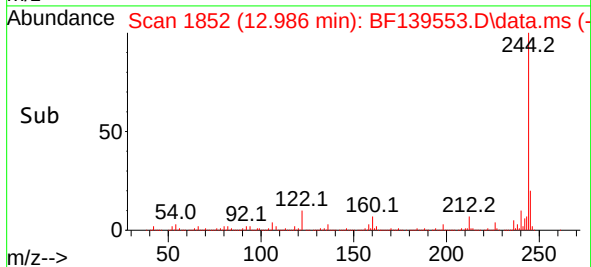
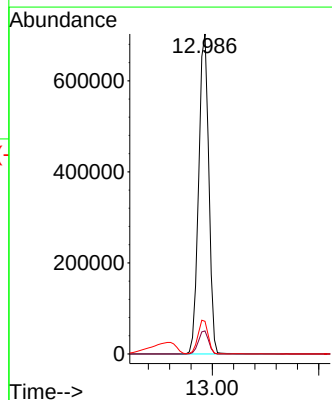
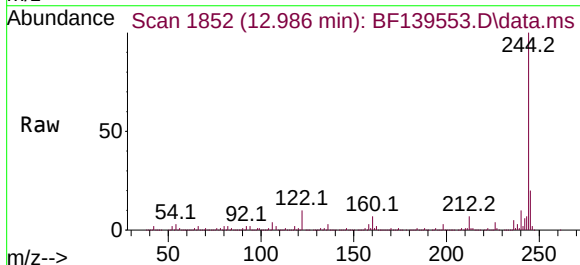
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

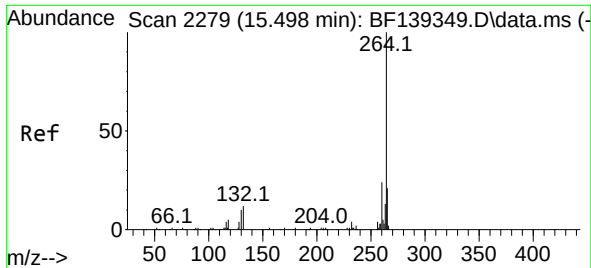
Tgt Ion:184 Resp: 13383
Ion Ratio Lower Upper
184 100
185 18.8 11.5 17.3#
183 7.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 110.479 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion:244 Resp: 924589
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.2 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

Tgt Ion:264 Resp: 128950
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 16.6 25.0

