

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139555.D
 Acq On : 26 Sep 2024 19:28
 Operator : RC/JU
 Sample : P4176-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2

Quant Time: Sep 27 01:07:20 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)

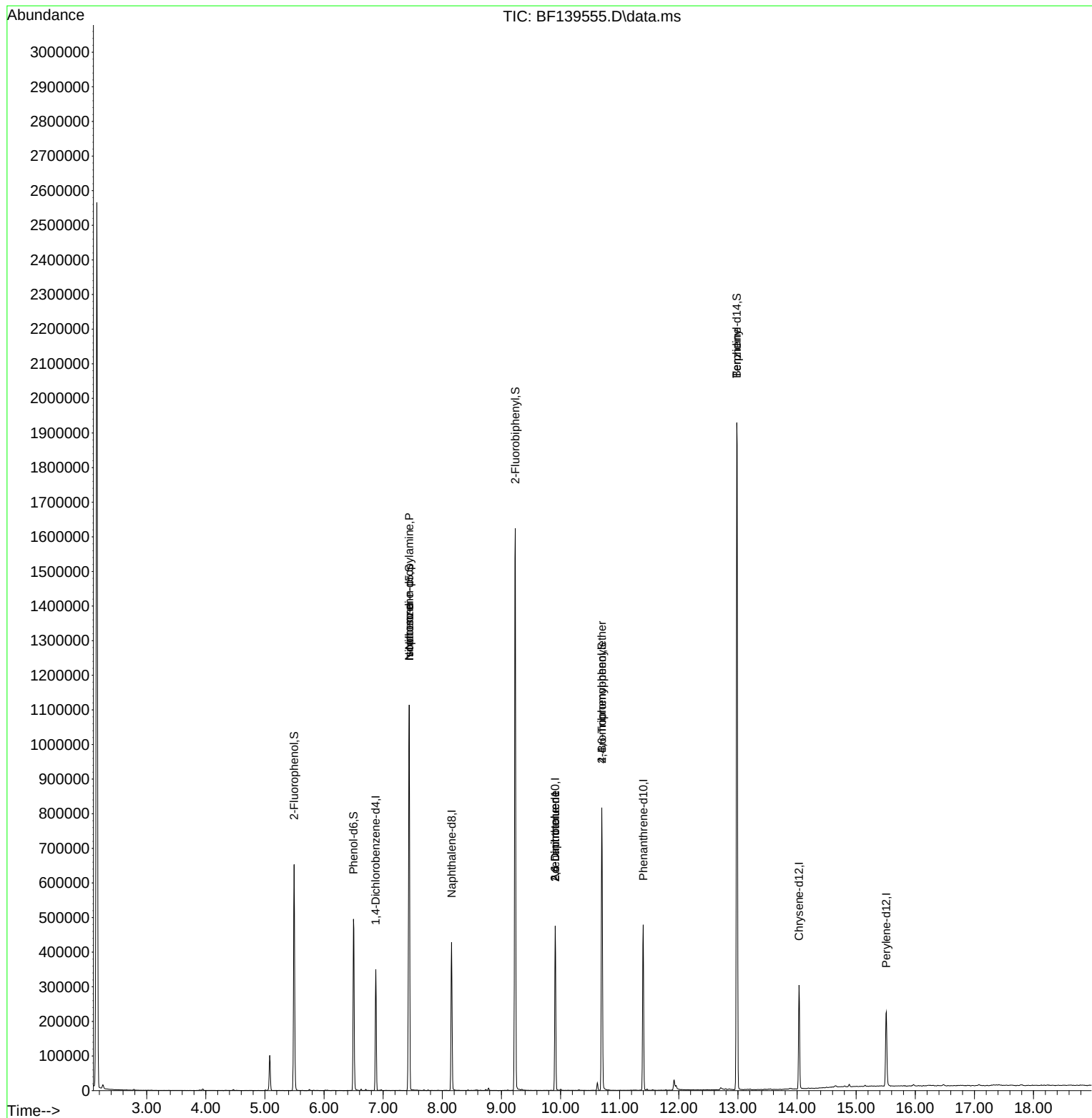
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67959	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	251539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	137339	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	251077	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	143442	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	132423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	199808	47.964	ng	0.00
7) Phenol-d6	6.498	99	210550	38.506	ng	0.00
23) Nitrobenzene-d5	7.440	82	481567	90.003	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	121742	83.263	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	712862	72.798	ng	0.00
79) Terphenyl-d14	12.980	244	972085	111.235	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	66267	20.451	ng	# 72
25) Isophorone	7.440	82	479881	56.710	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17485	8.756	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17485	6.486	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8532	3.429	ng	# 1
77) Benzydine	12.980	184	13268	6.456	ng	# 90

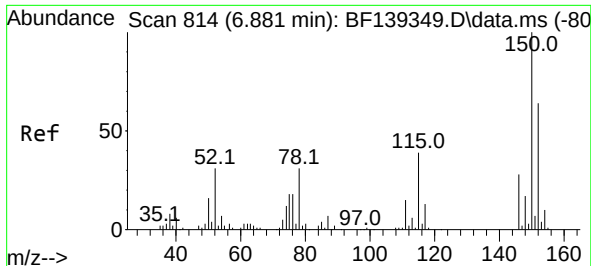
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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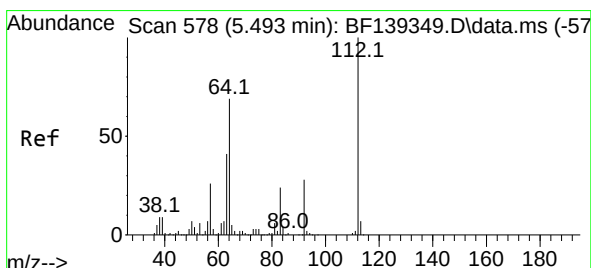
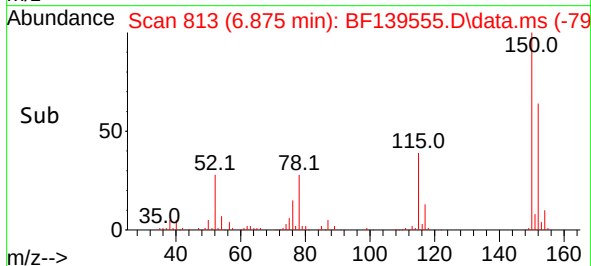
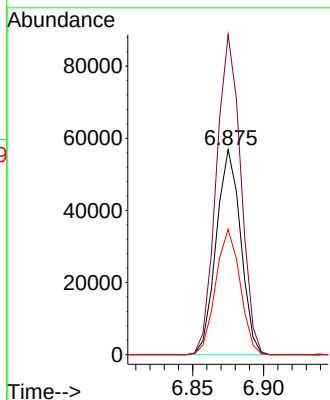
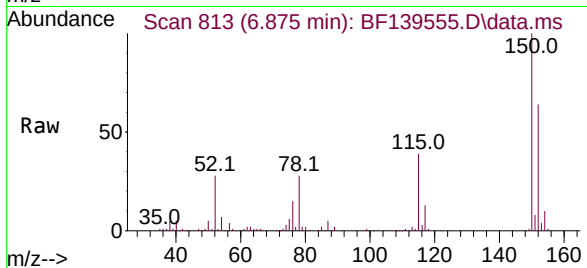




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

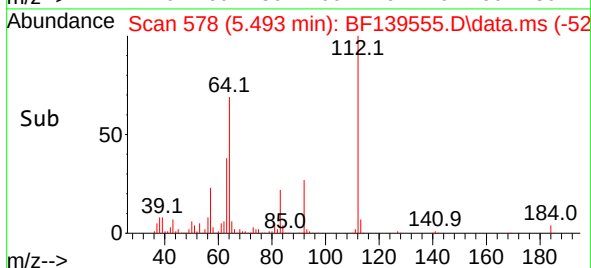
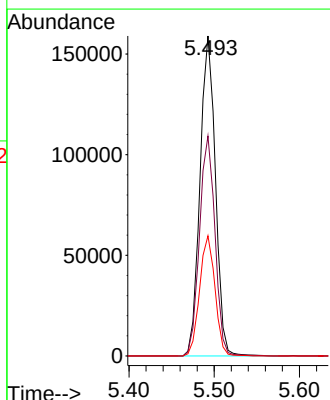
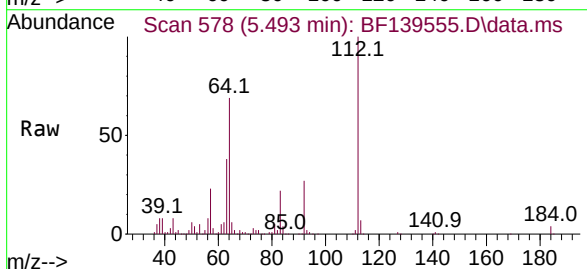
Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2

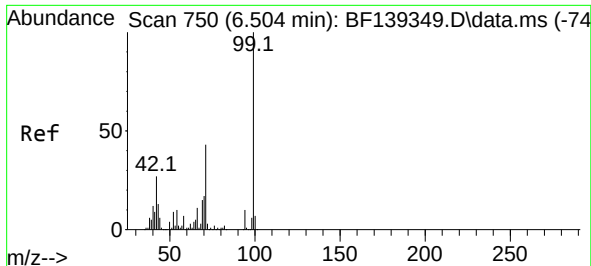
Tgt Ion:152 Resp: 67959
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.1 186.1
 115 61.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 47.964 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

Tgt Ion:112 Resp: 199808
 Ion Ratio Lower Upper
 112 100
 64 68.7 54.8 82.2
 63 37.6 33.0 49.4





#7

Phenol-d6

Concen: 38.506 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS2

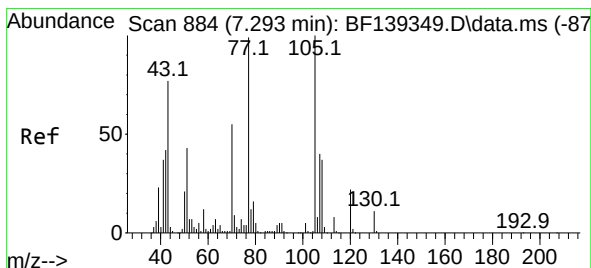
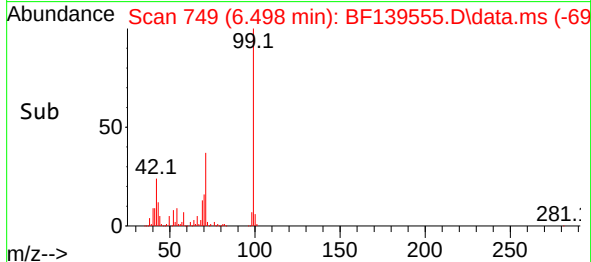
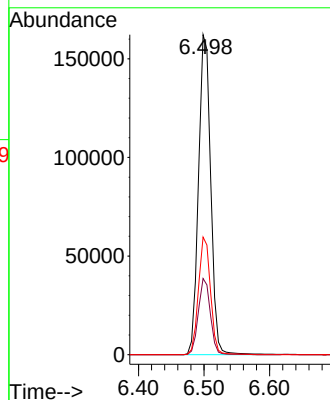
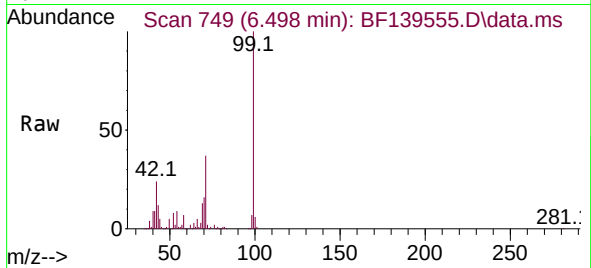
Tgt Ion: 99 Resp: 210550

Ion Ratio Lower Upper

99 100

42 23.8 21.9 32.9

71 36.8 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.451 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

Tgt Ion: 70 Resp: 66267

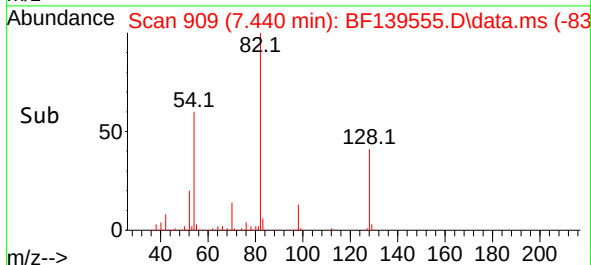
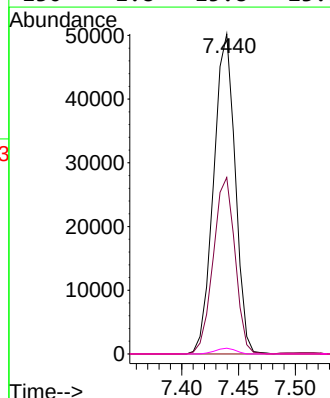
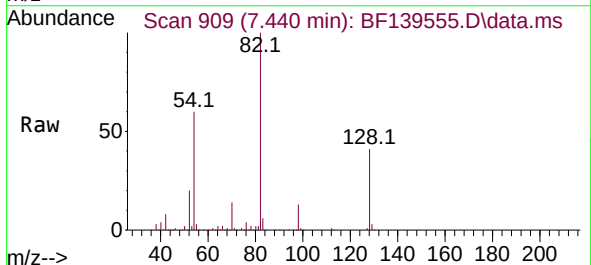
Ion Ratio Lower Upper

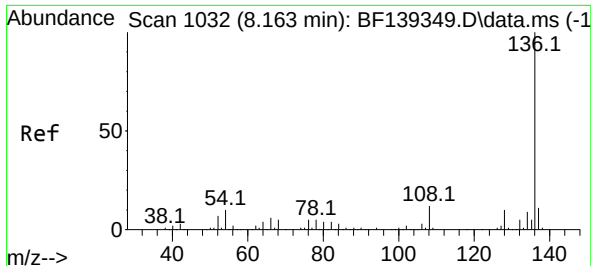
70 100

42 55.1 61.2 91.8#

101 0.0 7.5 11.3#

130 1.8 15.8 23.8#

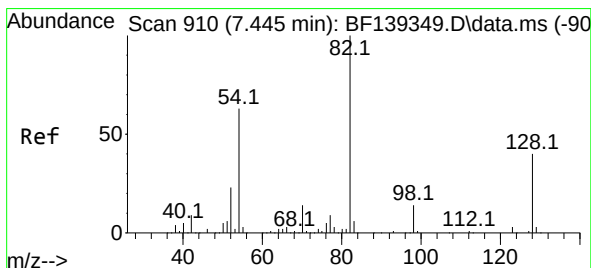
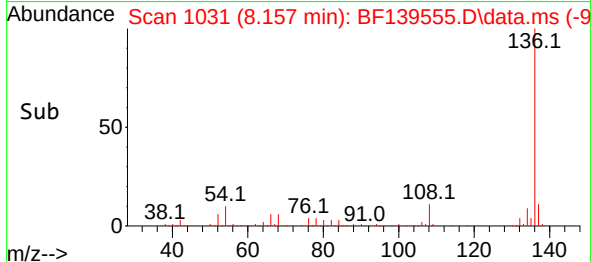
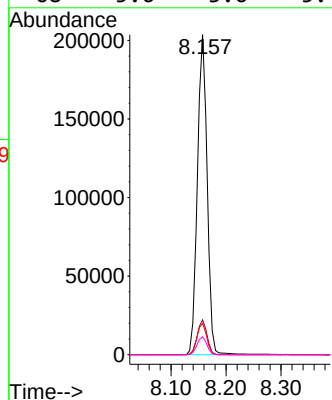
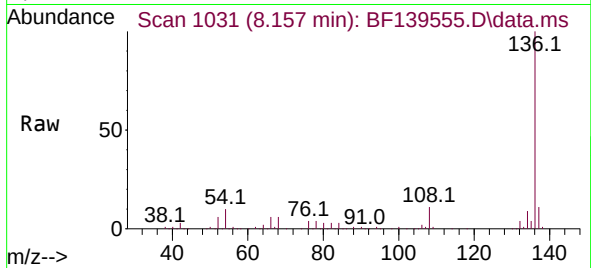




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

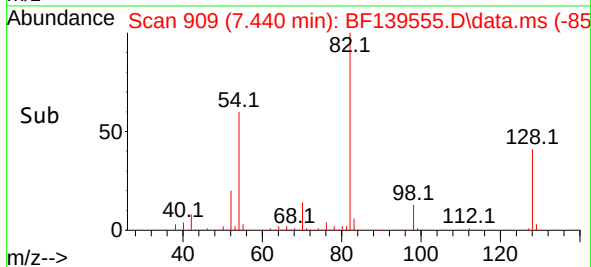
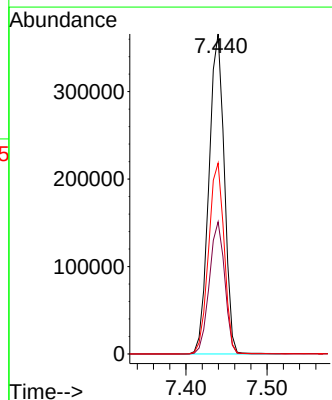
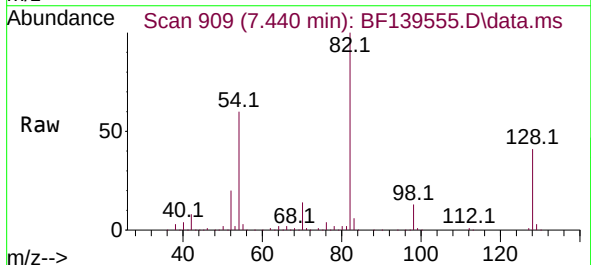
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS2

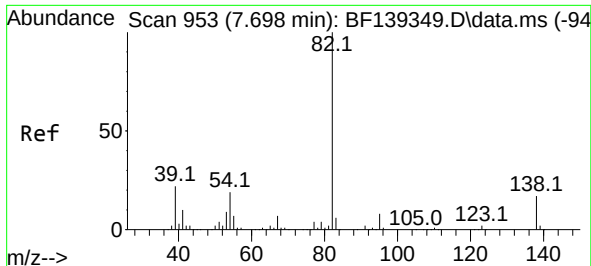
Tgt Ion:136	Resp: 251539
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.8	7.8 11.8
68 5.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion: 82	Resp: 481567
Ion Ratio	Lower Upper
82 100	
128 41.3	31.8 47.6
54 59.6	50.6 75.8

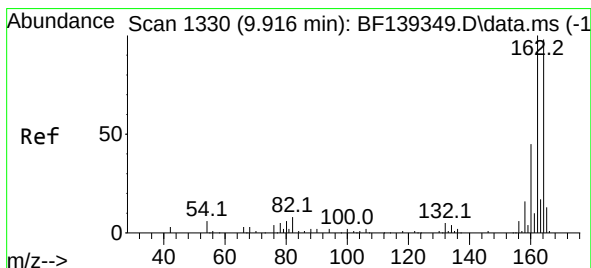
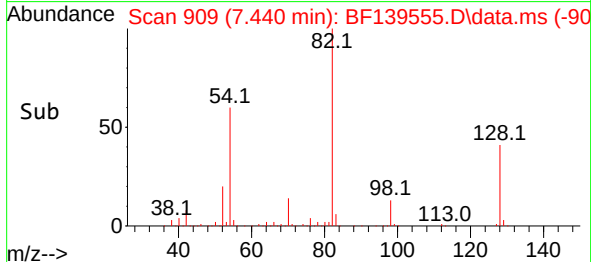
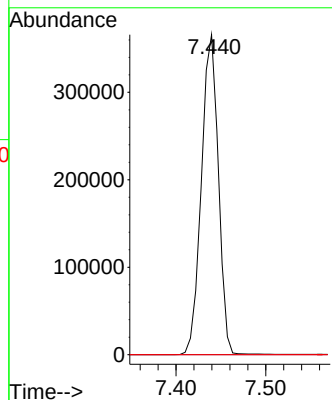
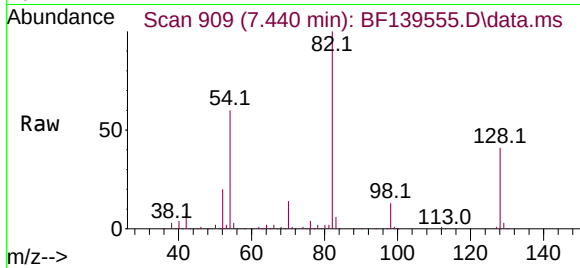




#25
Isophorone
Concen: 56.710 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

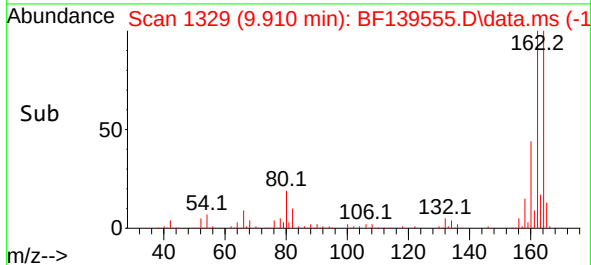
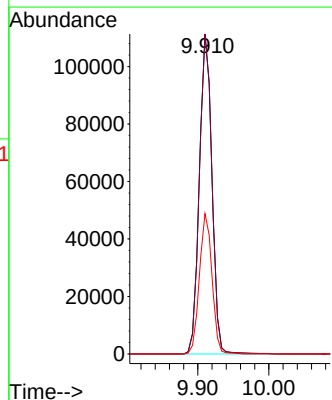
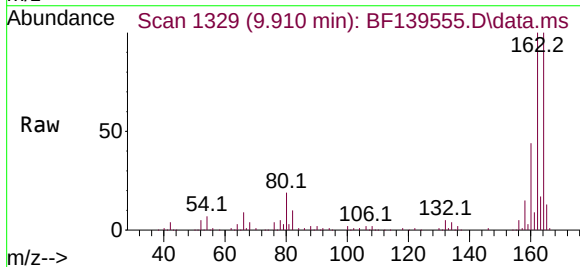
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS2

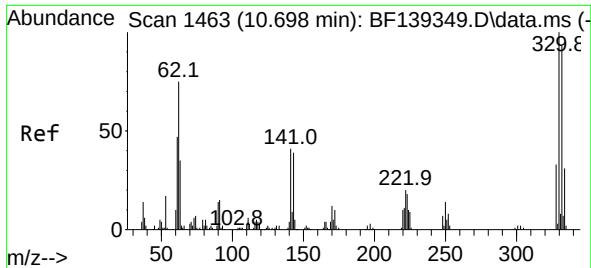
Tgt Ion: 82 Resp: 479881
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion: 164 Resp: 137339
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 43.8 36.4 54.6

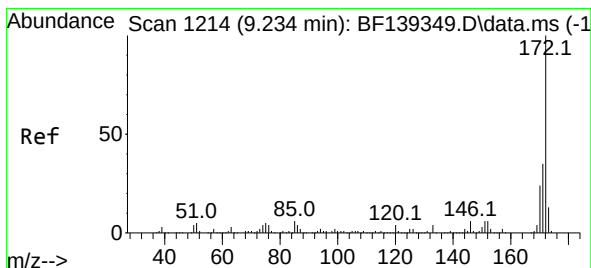
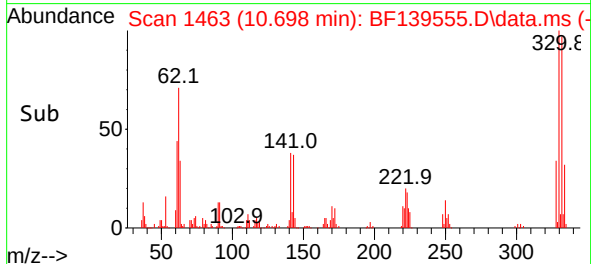
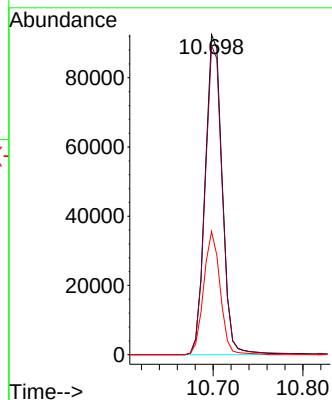
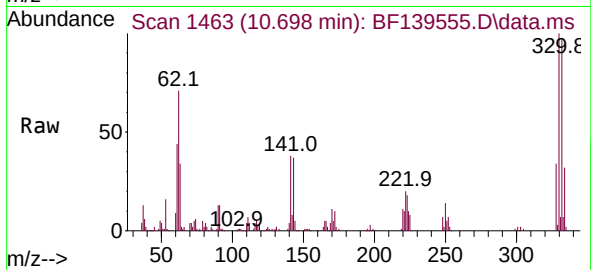




#42
2,4,6-Tribromophenol
Concen: 83.263 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

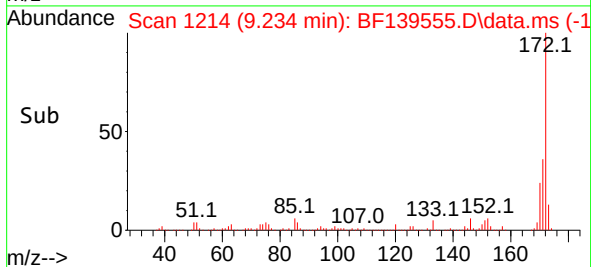
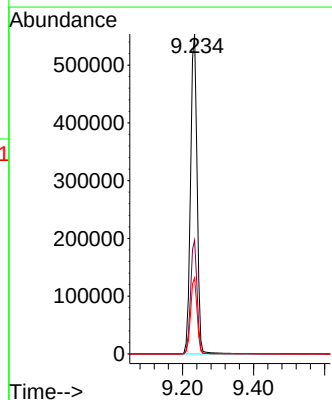
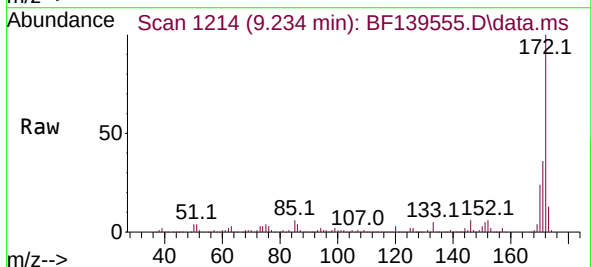
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS2

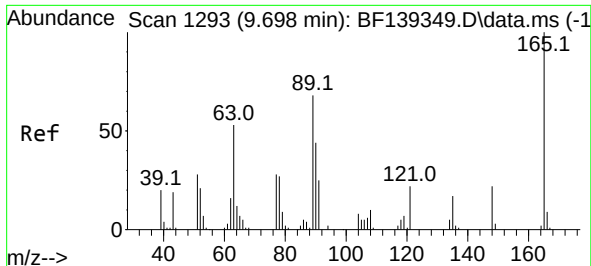
Tgt Ion:330 Resp: 121742
Ion Ratio Lower Upper
330 100
332 98.1 75.2 112.8
141 37.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 72.798 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion:172 Resp: 712862
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.756 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS2

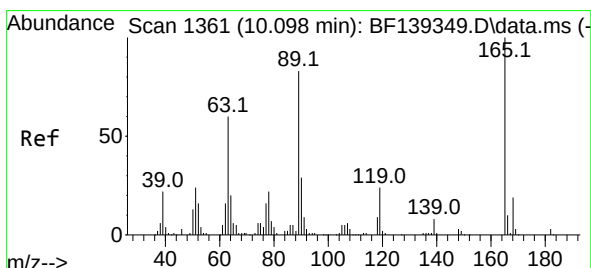
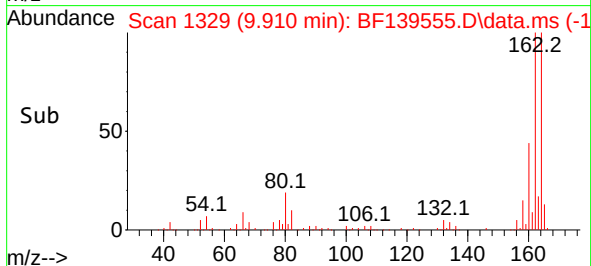
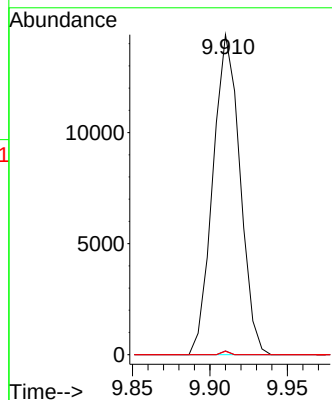
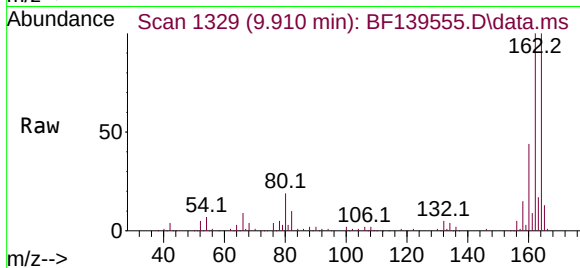
Tgt Ion:165 Resp: 17485

Ion Ratio Lower Upper

165 100

63 1.2 60.9 91.3#

89 1.0 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.486 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

Tgt Ion:165 Resp: 17485

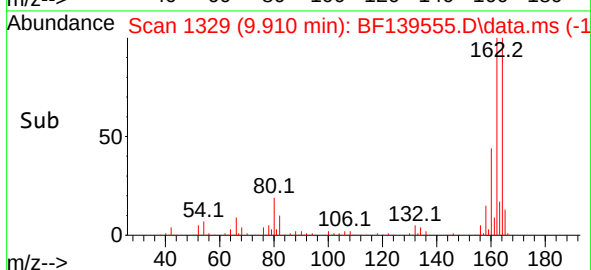
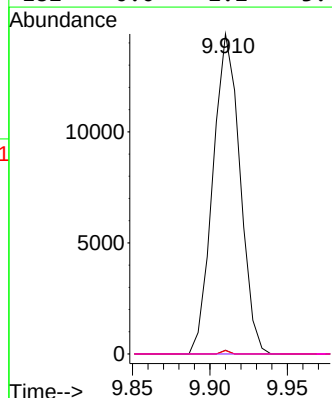
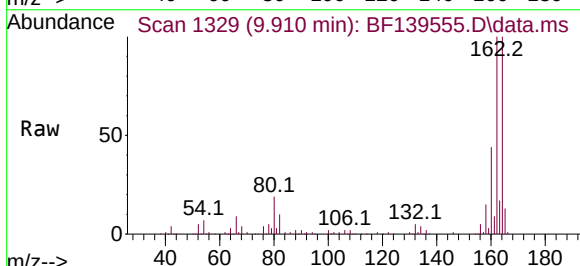
Ion Ratio Lower Upper

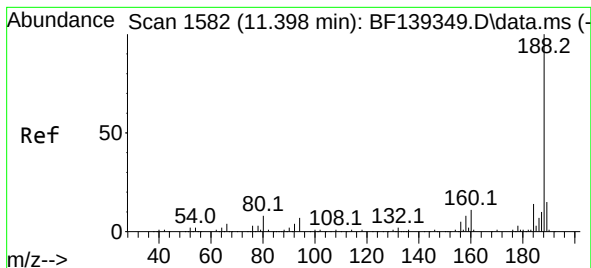
165 100

63 1.2 47.8 71.6#

89 1.0 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS2

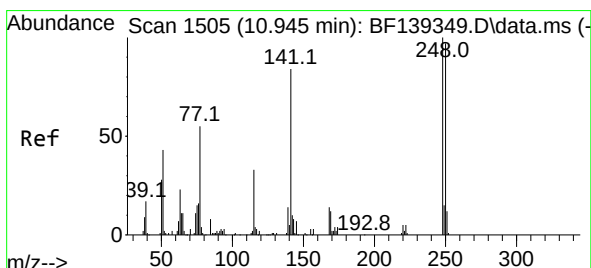
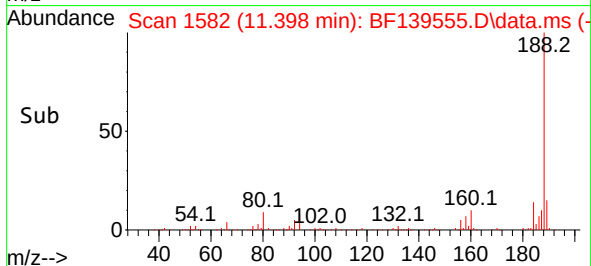
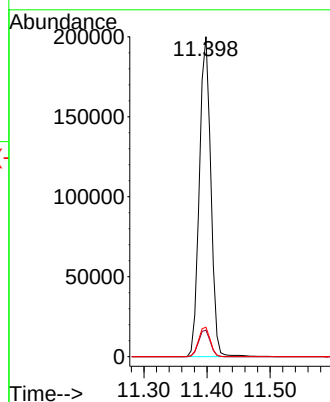
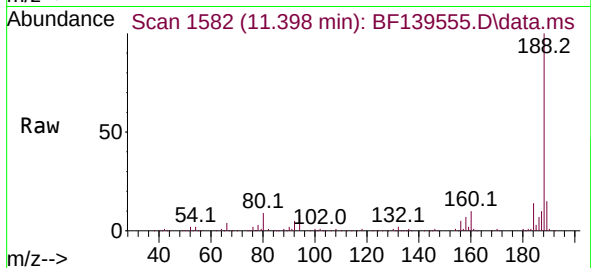
Tgt Ion:188 Resp: 251077

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.429 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139555.D

Acq: 26 Sep 2024 19:28

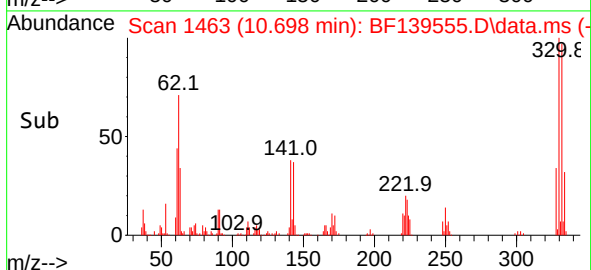
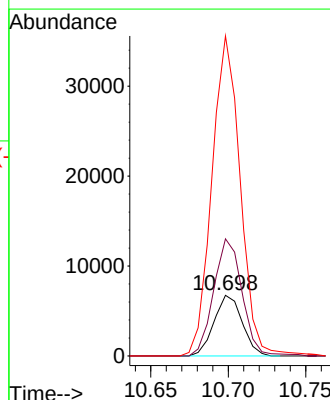
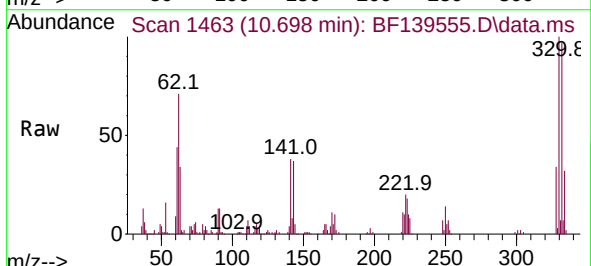
Tgt Ion:248 Resp: 8532

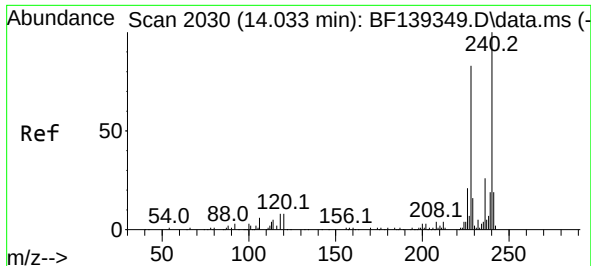
Ion Ratio Lower Upper

248 100

250 193.0 77.6 116.4#

141 527.4 66.9 100.3#

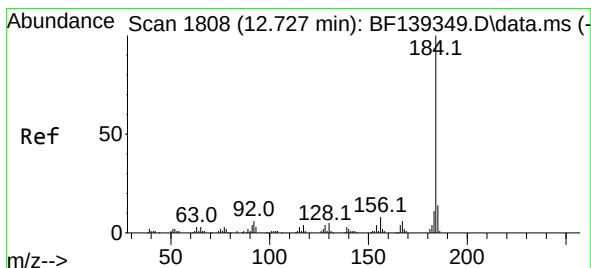
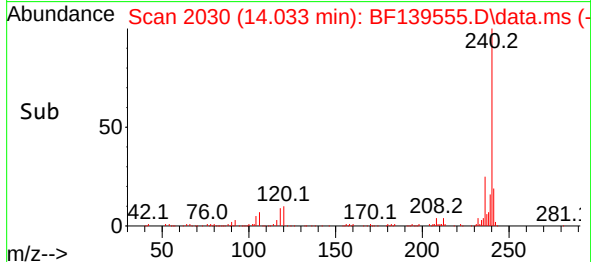
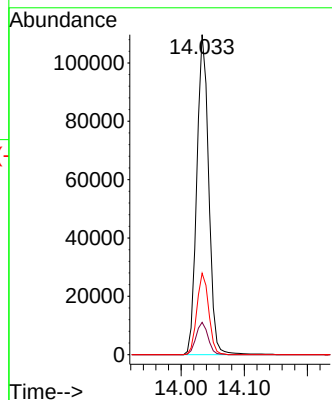
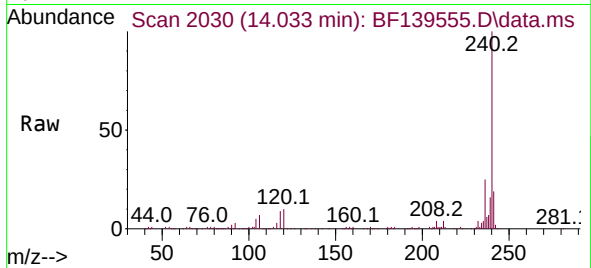




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

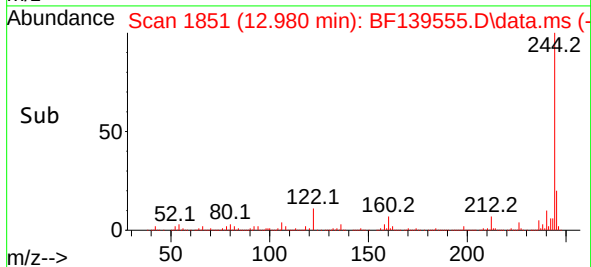
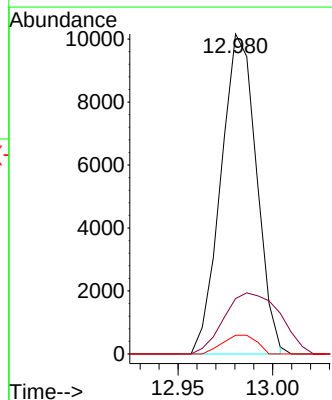
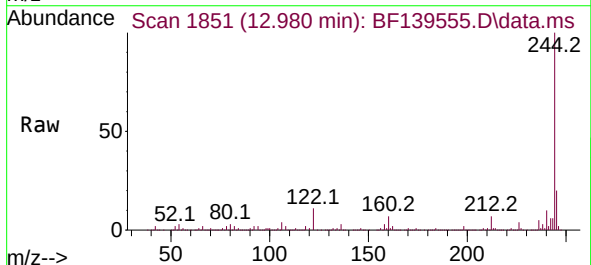
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS2

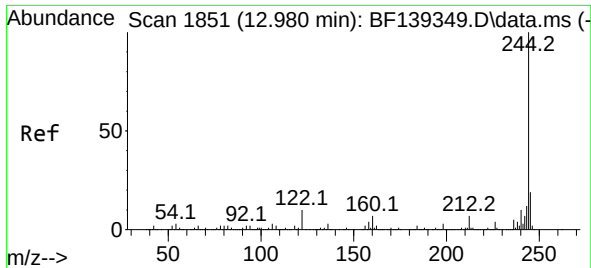
Tgt Ion:240 Resp: 143442
Ion Ratio Lower Upper
240 100
120 10.1 6.2 9.2#
236 25.5 20.9 31.3



#77
Benzidine
Concen: 6.456 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion:184 Resp: 13268
Ion Ratio Lower Upper
184 100
185 17.3 11.5 17.3#
183 5.8 8.9 13.3#

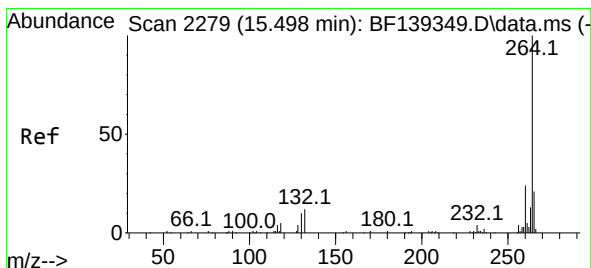
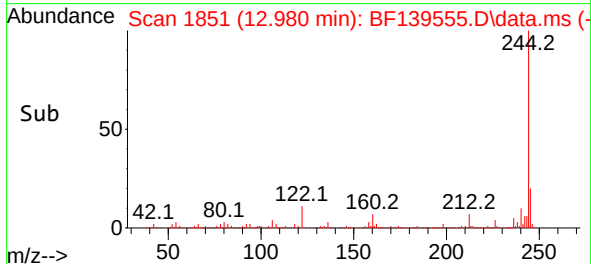
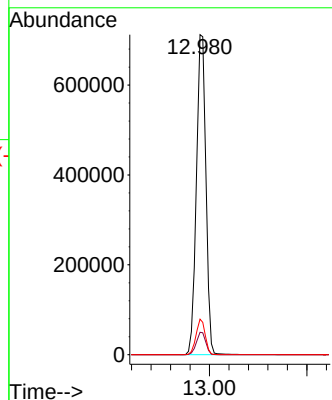
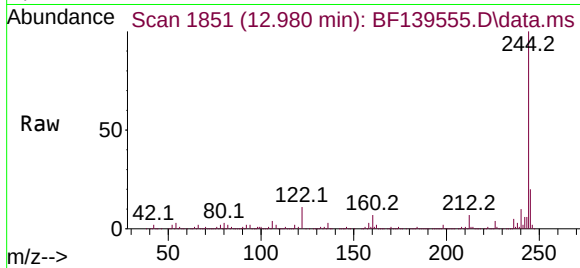




#79
 Terphenyl-d14
 Concen: 111.235 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2

Tgt Ion:244 Resp: 972085
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

Tgt Ion:264 Resp: 132423
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 16.6 25.0

