

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139398.D
 Acq On : 17 Sep 2024 13:21
 Operator : RC/JU
 Sample : P3932-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1

Quant Time: Sep 17 13:43:18 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)

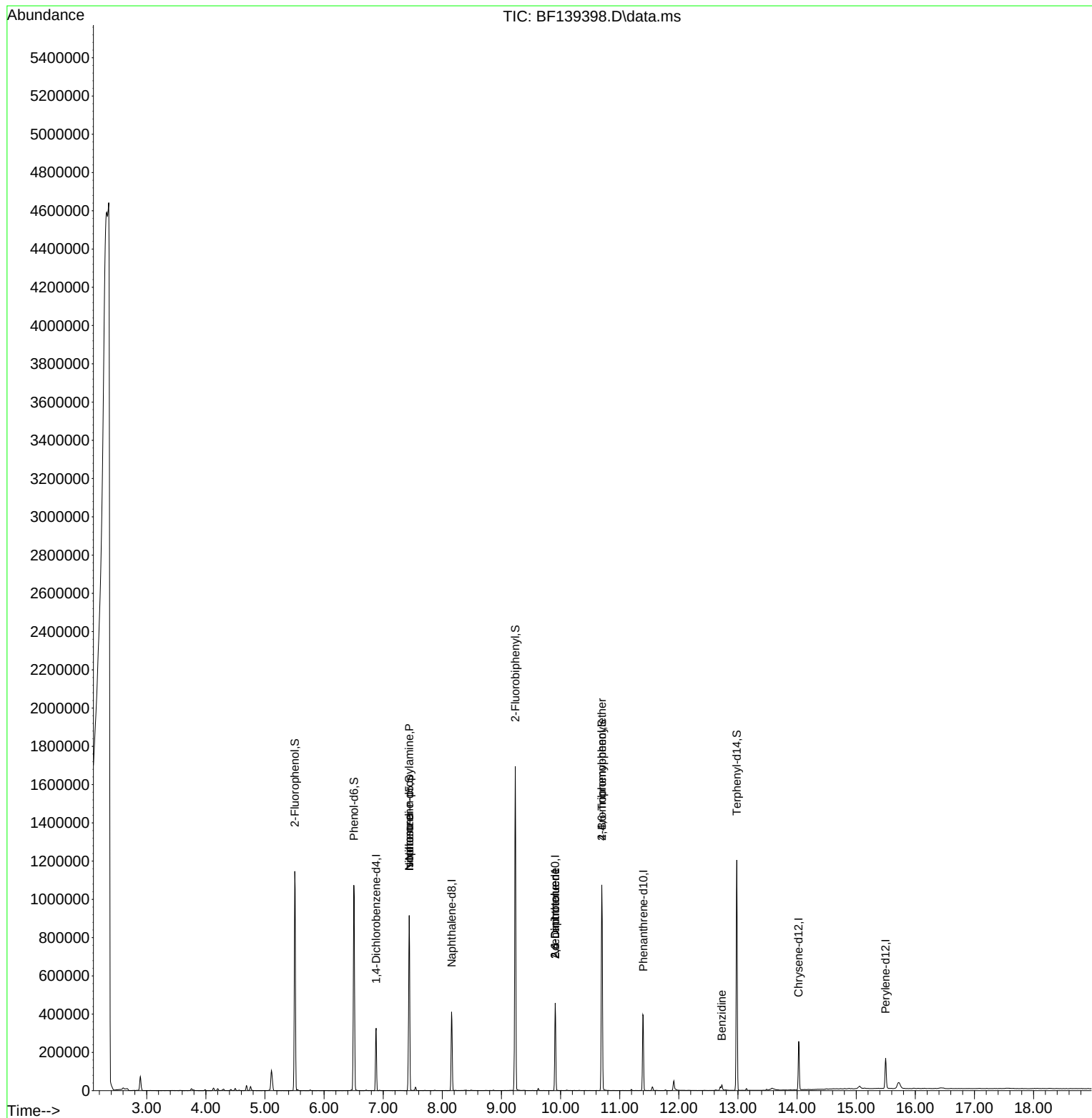
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62581	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239320	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128462	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212440	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116446	20.000	ng	0.00
86) Perylene-d12	15.498	264	94363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	367984	95.925	ng	0.01
7) Phenol-d6	6.504	99	453318	90.030	ng	0.00
23) Nitrobenzene-d5	7.439	82	384526	75.535	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	158319	115.761	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	709490	77.461	ng	0.00
79) Terphenyl-d14	12.980	244	556649	78.464	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	55573	18.625	ng	Qvalue
25) Isophorone	7.439	82	384521	47.761	ng	# 75
51) 2,6-Dinitrotoluene	9.910	165	16494	8.831	ng	# 66
57) 2,4-Dinitrotoluene	9.910	165	16494	6.541	ng	# 14
67) 4-Bromophenyl-phenylether	10.698	248	10895	5.175	ng	# 16
77) Benzidine	12.727	184	15877	9.517	ng	# 1

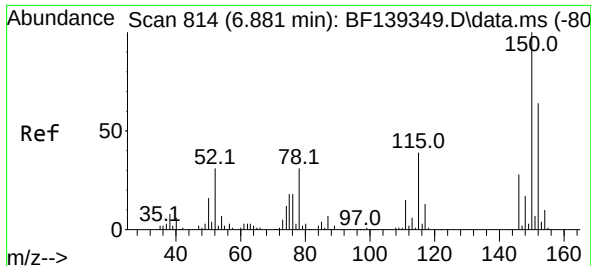
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139398.D
Acq On : 17 Sep 2024 13:21
Operator : RC/JU
Sample : P3932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1

Quant Time: Sep 17 13:43:18 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

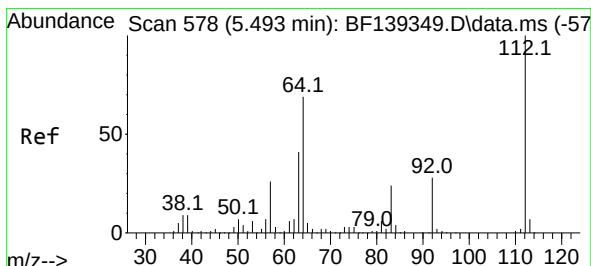
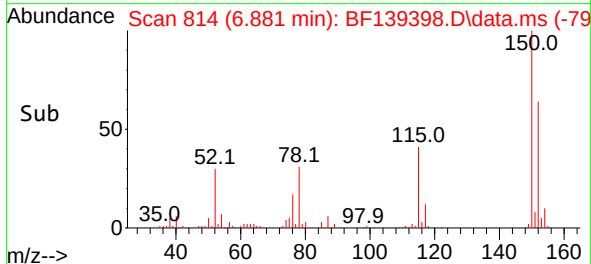
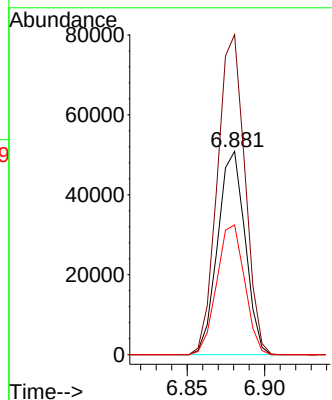
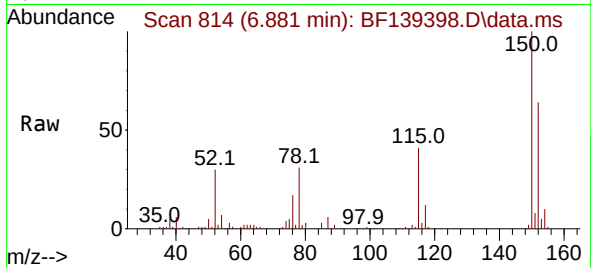




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

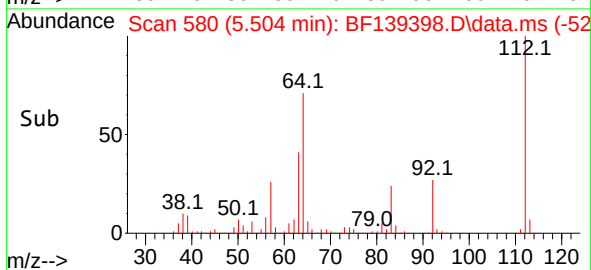
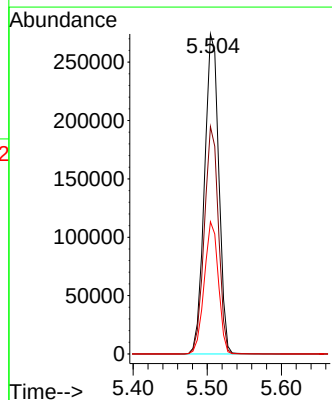
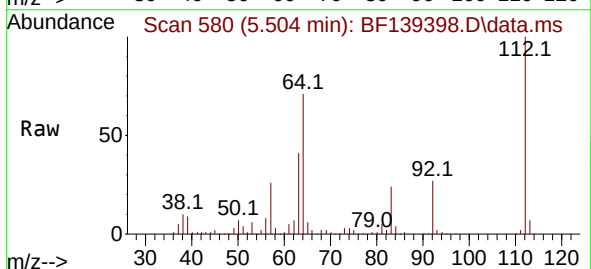
Instrument :
BNA_F
ClientSampleId :
FM1

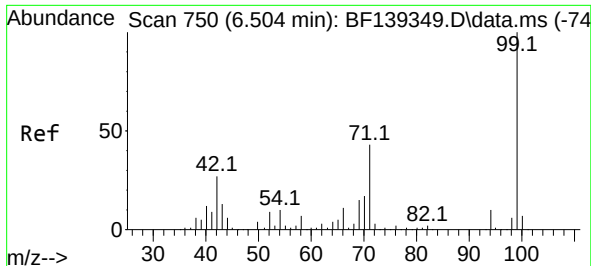
Tgt Ion:152 Resp: 62581
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 63.8 48.1 72.1



#5
2-Fluorophenol
Concen: 95.925 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:112 Resp: 367984
Ion Ratio Lower Upper
112 100
64 71.0 54.8 82.2
63 41.3 33.0 49.4

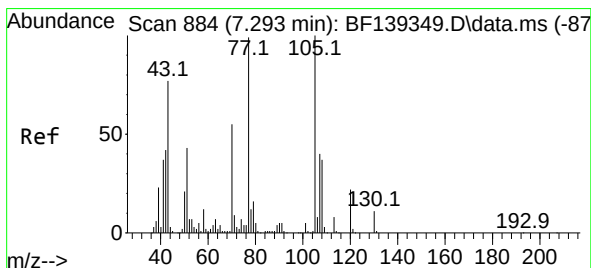
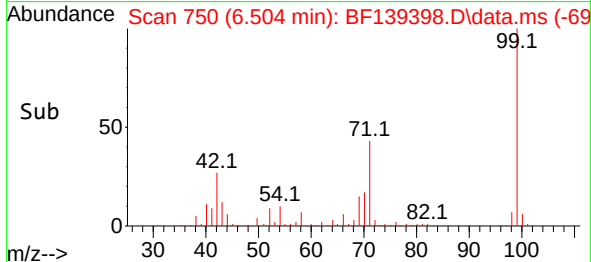
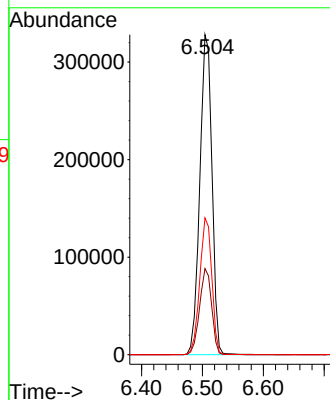
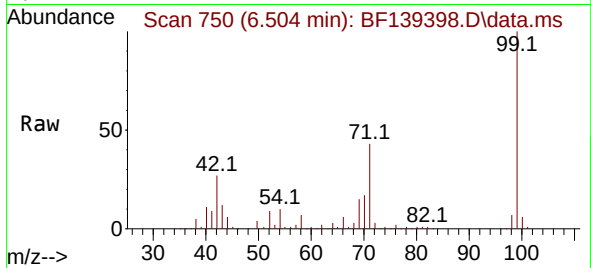




#7
Phenol-d6
Concen: 90.030 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

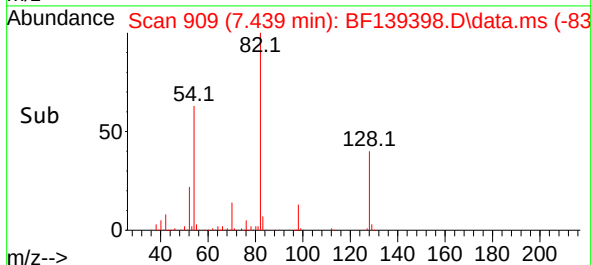
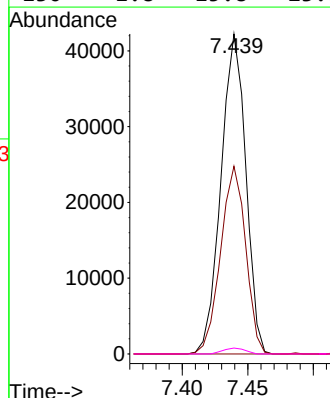
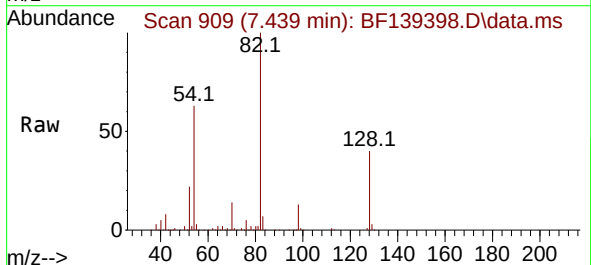
Instrument :
BNA_F
ClientSampleId :
FM1

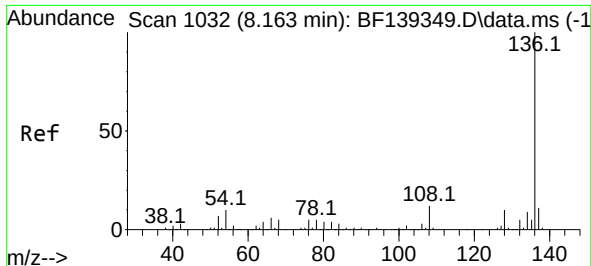
Tgt Ion: 99 Resp: 453318
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 42.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.625 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion: 70 Resp: 55573
Ion Ratio Lower Upper
70 100
42 58.6 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#

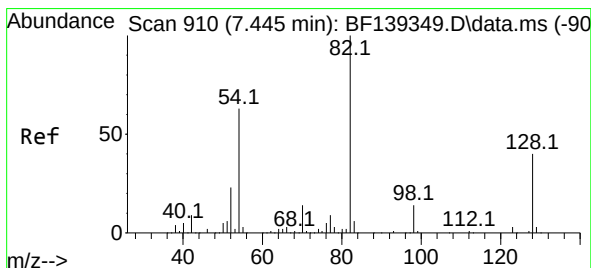
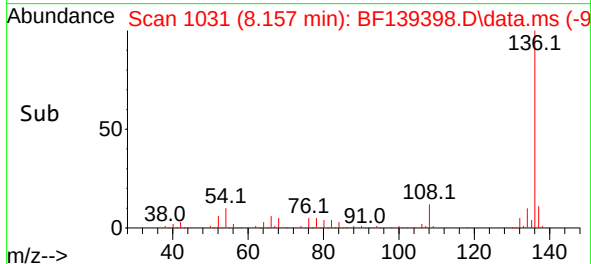
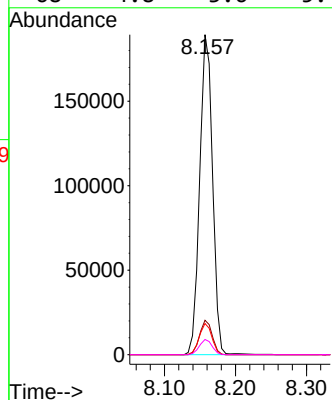
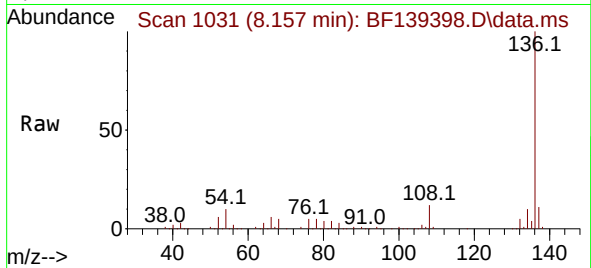




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

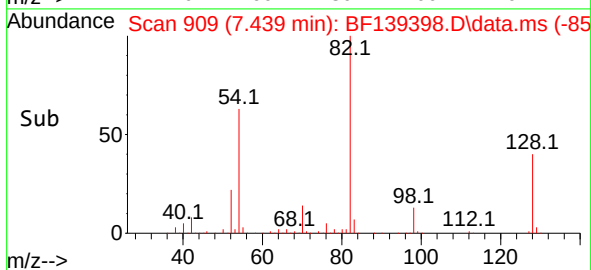
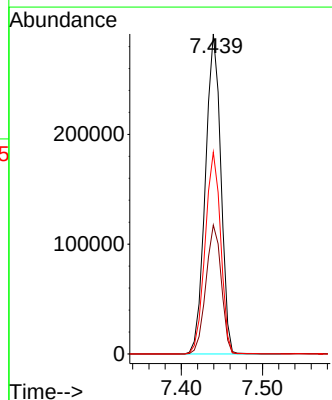
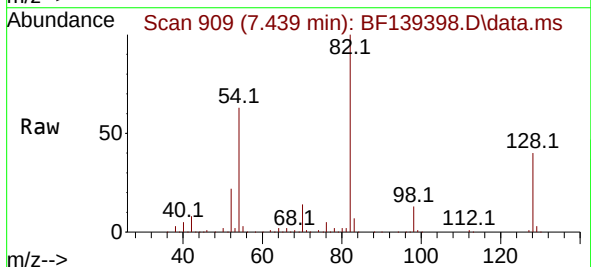
Instrument :
BNA_F
ClientSampleId :
FM1

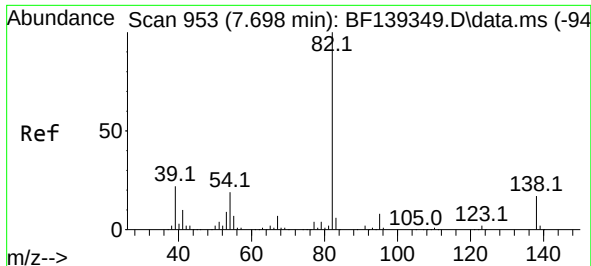
Tgt Ion:	136	Resp:	239320
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.7	7.8	11.8
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 75.535 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:	82	Resp:	384526
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.6
54	63.1	50.6	75.8

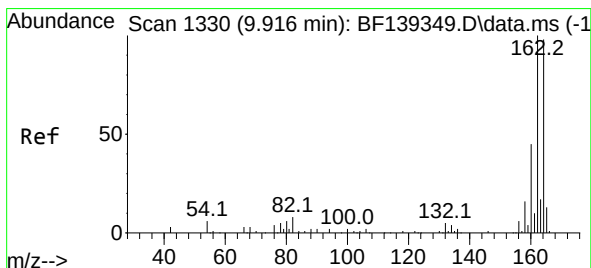
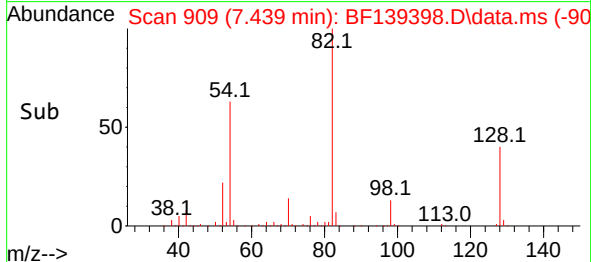
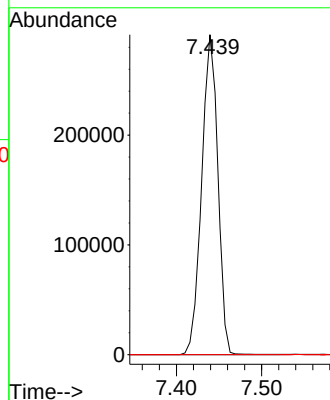
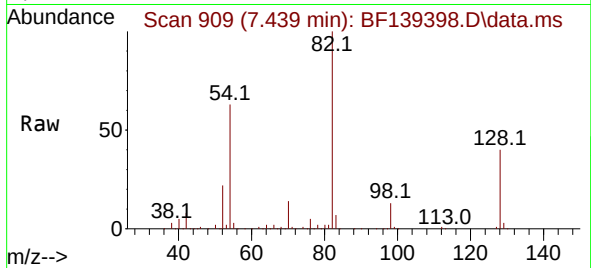




#25
Isophorone
Concen: 47.761 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

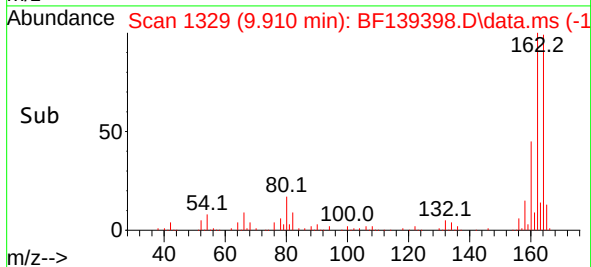
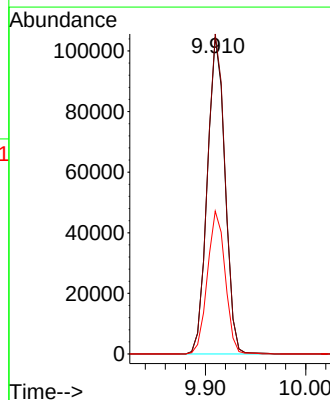
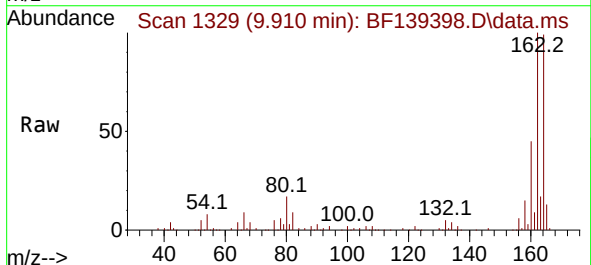
Instrument :
BNA_F
ClientSampleId :
FM1

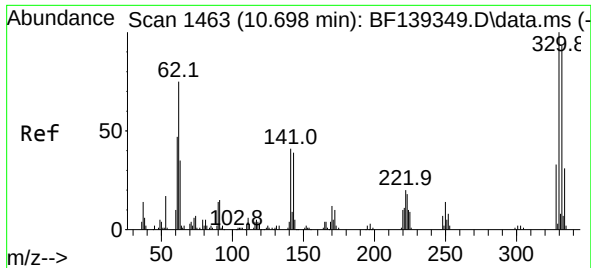
Tgt Ion: 82 Resp: 384521
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:164 Resp: 128462
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.1 36.4 54.6

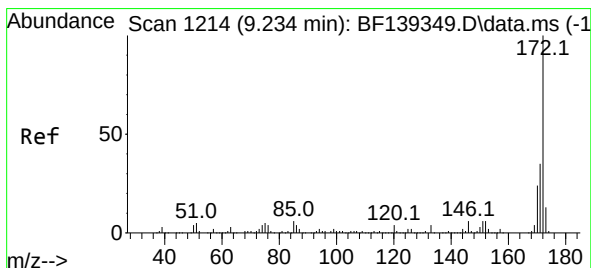
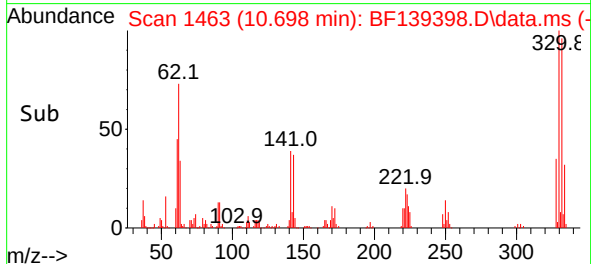
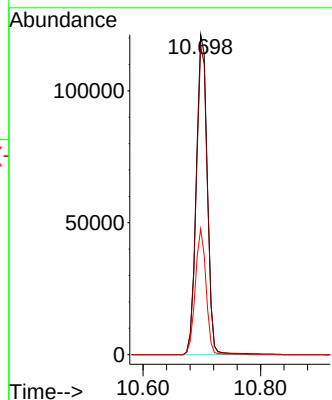
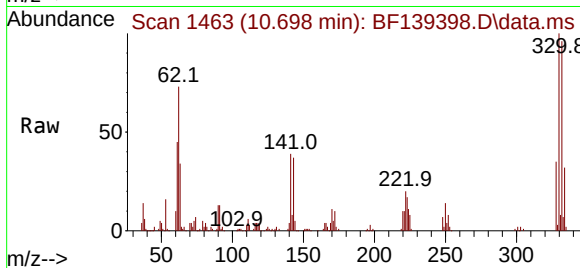




#42
2,4,6-Tribromophenol
Concen: 115.761 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

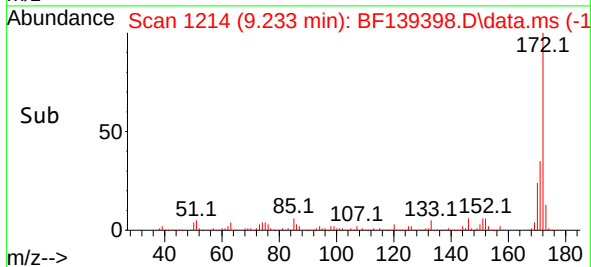
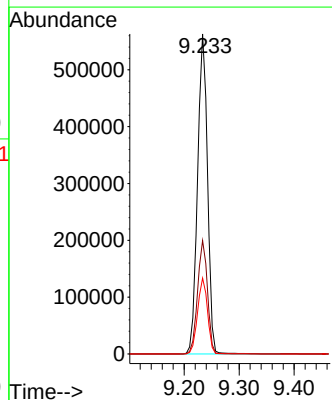
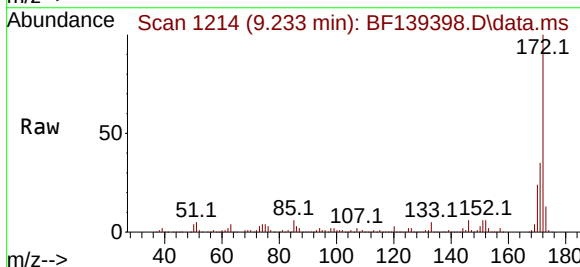
Instrument :
BNA_F
ClientSampleId :
FM1

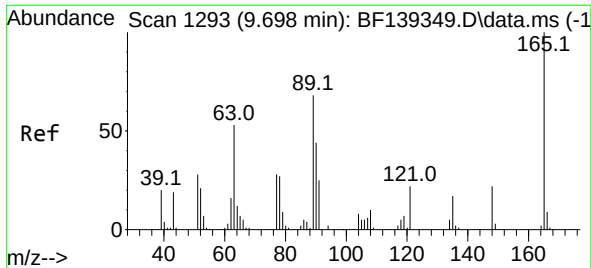
Tgt Ion:330 Resp: 158319
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 38.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 77.461 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:172 Resp: 709490
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.6

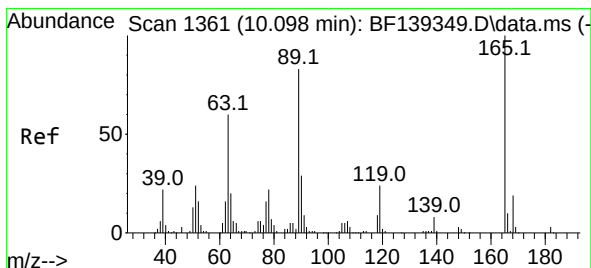
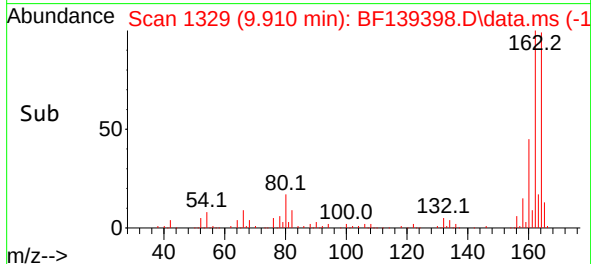
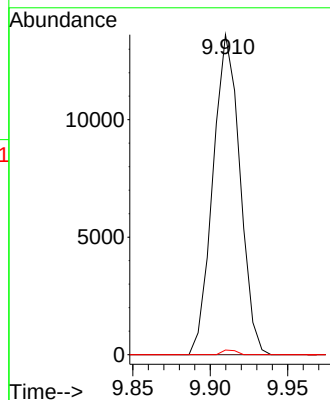
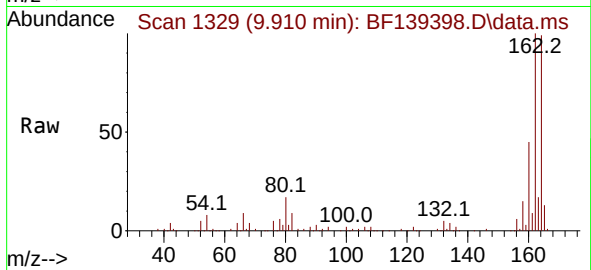




#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

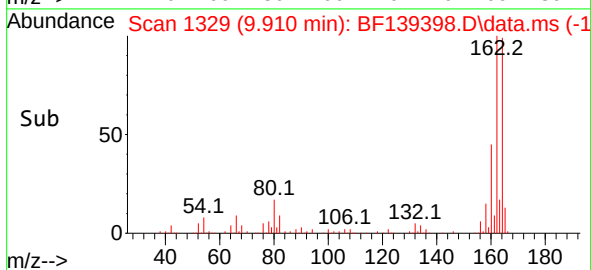
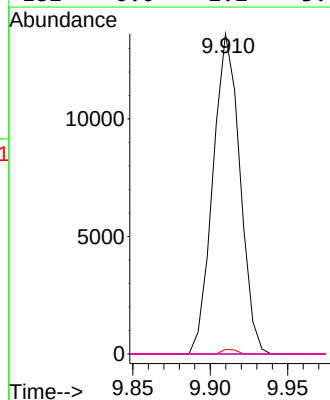
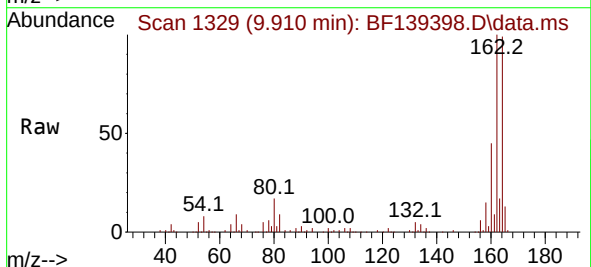
Instrument :
BNA_F
ClientSampleId :
FM1

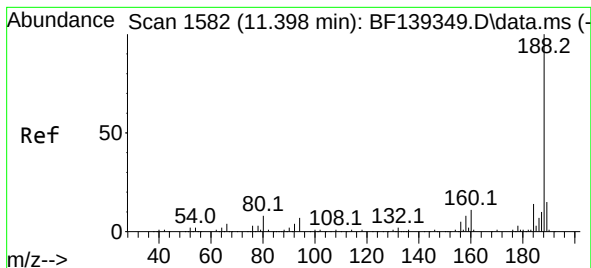
Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.4 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: BF139398.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_F

ClientSampleId :

FM1

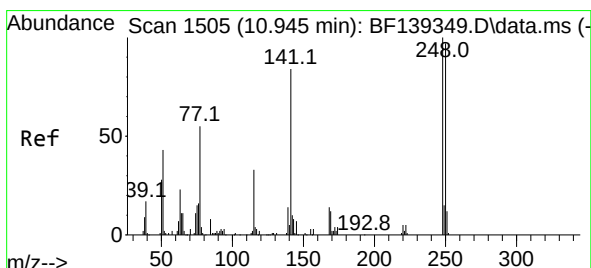
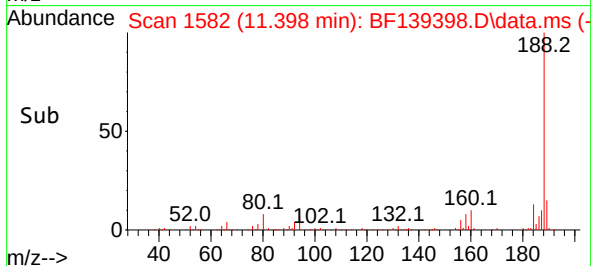
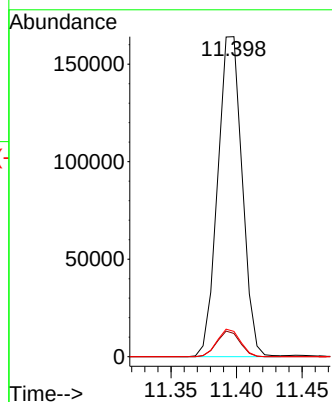
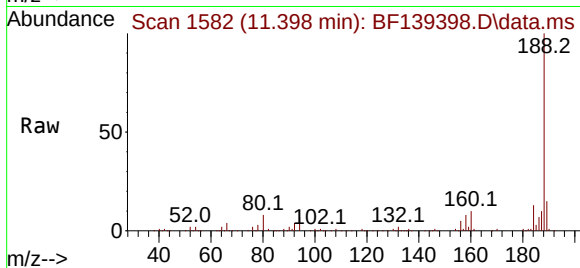
Tgt Ion:188 Resp: 212440

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 7.9 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.175 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139398.D

Acq: 17 Sep 2024 13:21

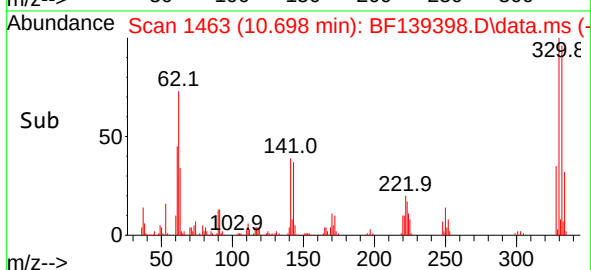
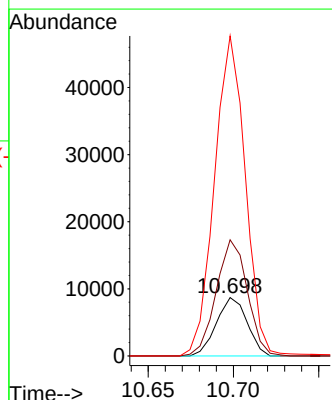
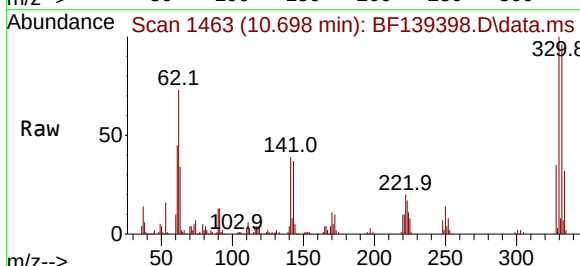
Tgt Ion:248 Resp: 10895

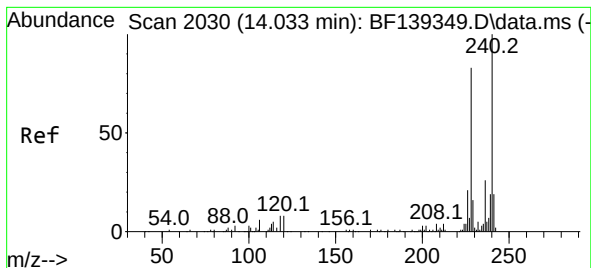
Ion Ratio Lower Upper

248 100

250 198.8 77.6 116.4#

141 547.7 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139398.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_F

ClientSampleId :

FM1

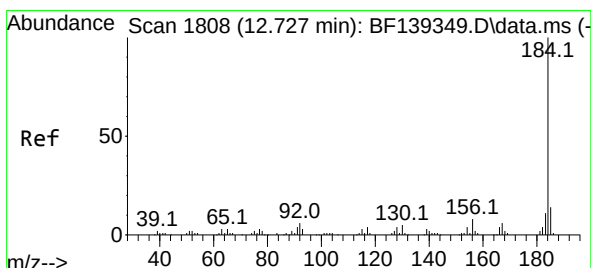
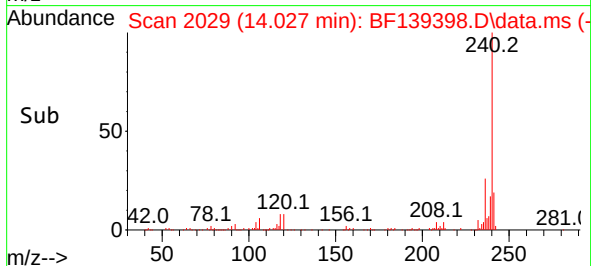
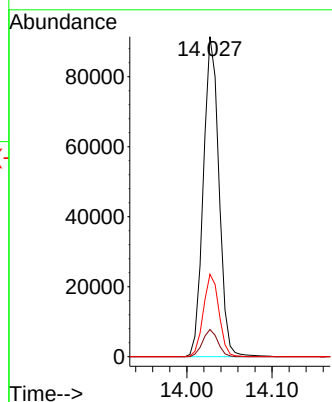
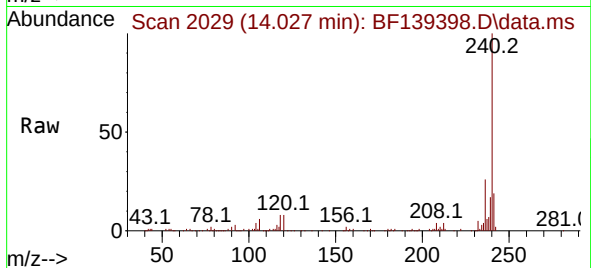
Tgt Ion:240 Resp: 116446

Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.2

236 25.8 20.9 31.3



#77

Benzidine

Concen: 9.517 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139398.D

Acq: 17 Sep 2024 13:21

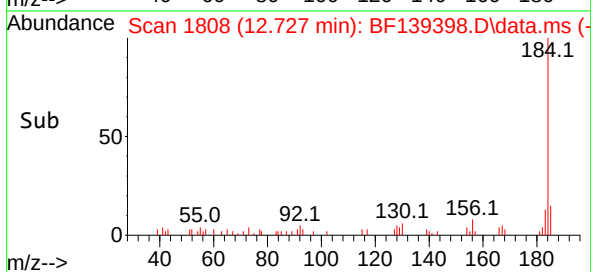
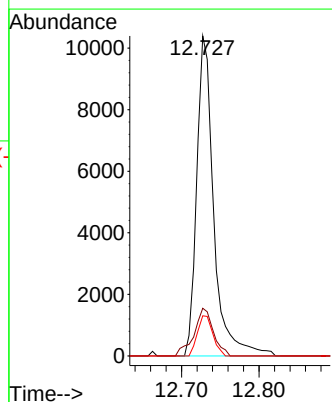
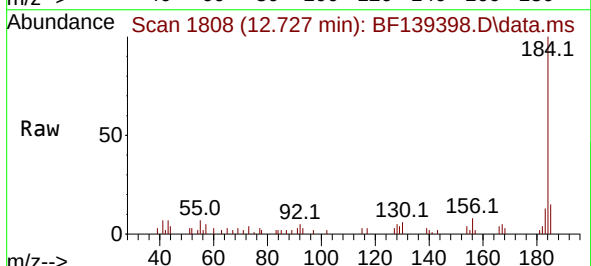
Tgt Ion:184 Resp: 15877

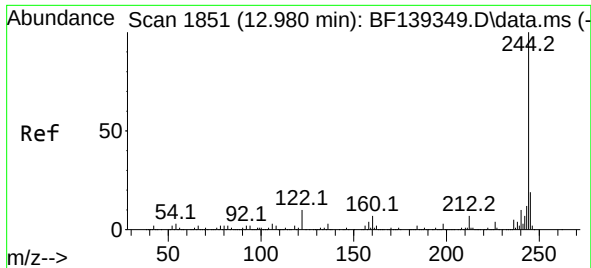
Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 12.5 8.9 13.3

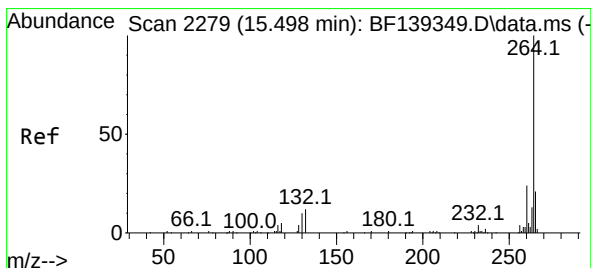
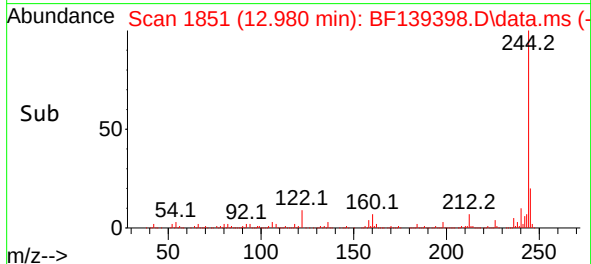
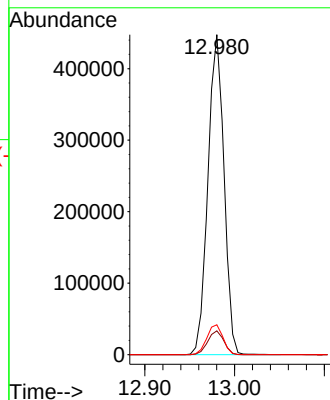
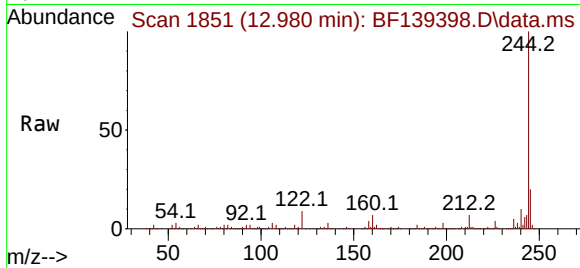




#79
Terphenyl-d14
Concen: 78.464 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Instrument :
BNA_F
ClientSampleId :
FM1

Tgt Ion:244 Resp: 556649
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:264 Resp: 94363
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.5 16.6 25.0

