

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140180.D
 Acq On : 31 Oct 2024 11:14
 Operator : RC/JU
 Sample : P4611-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Oct 31 12:10:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

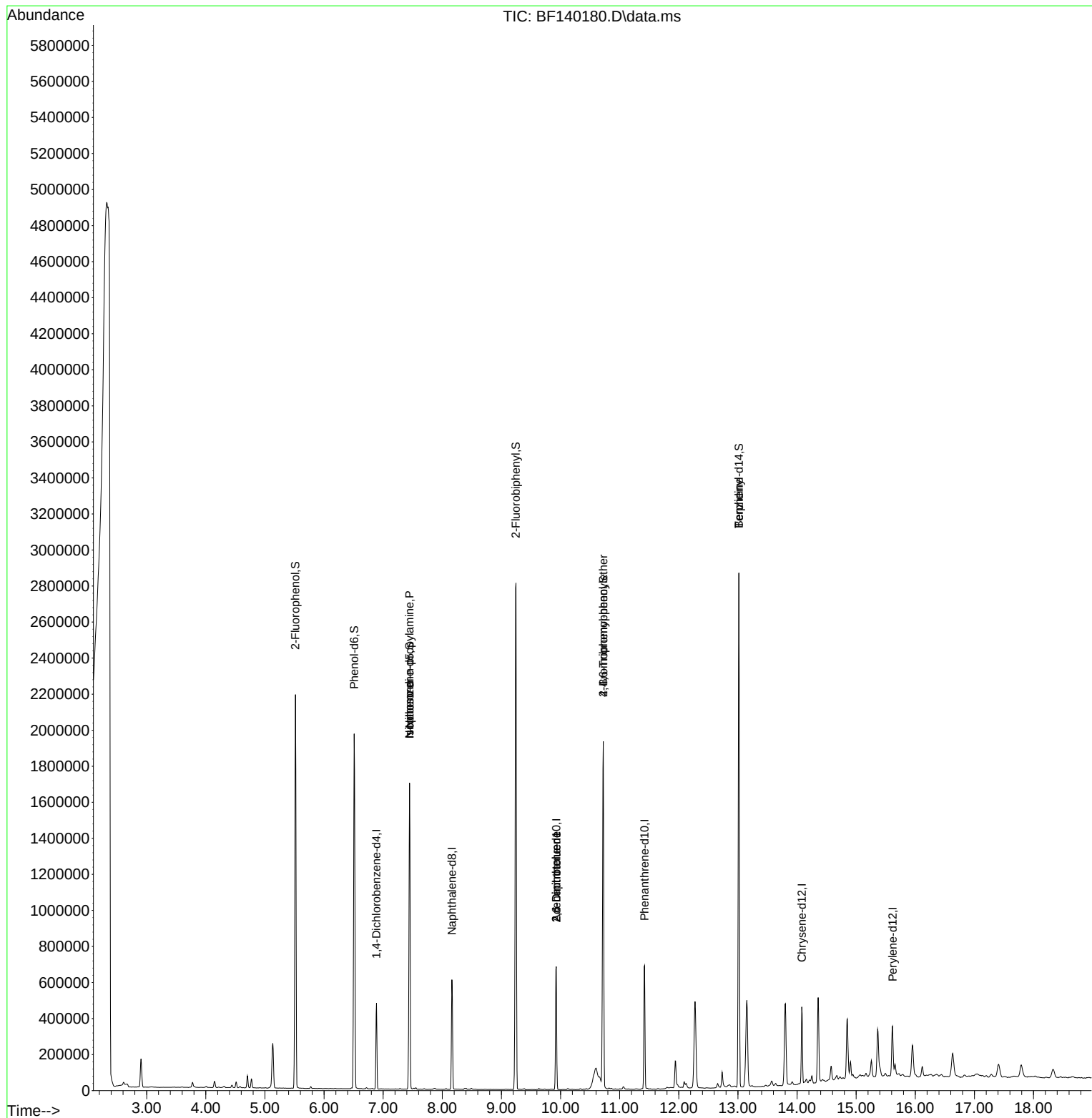
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	93270	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	363703	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	209632	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	372322	20.000	ng	0.00
76) Chrysene-d12	14.080	240	200521	20.000	ng	0.03
86) Perylene-d12	15.615	264	168396	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	805597	135.215	ng	0.02
7) Phenol-d6	6.510	99	937080	121.440	ng	0.00
23) Nitrobenzene-d5	7.445	82	770716	117.447	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	347325	177.131	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1359676	107.194	ng	0.00
79) Terphenyl-d14	13.016	244	1447667	117.641	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	106430	22.741	ng	Qvalue
25) Isophorone	7.445	82	768281	61.684	ng	# 76
51) 2,6-Dinitrotoluene	9.928	165	26953	9.533	ng	# 67
57) 2,4-Dinitrotoluene	9.928	165	26953	7.752	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	22227	5.795	ng	# 21
77) Benzidine	13.016	184	18523	5.618	ng	# 1

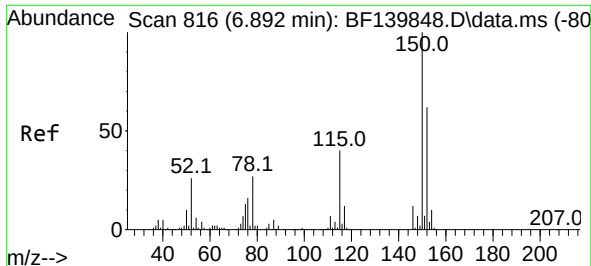
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

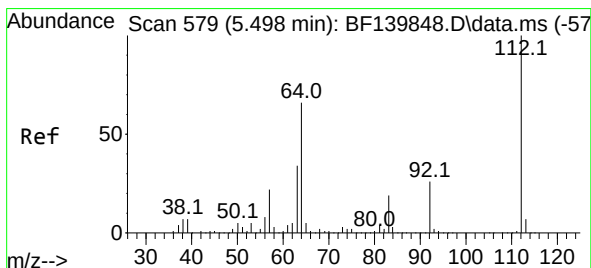
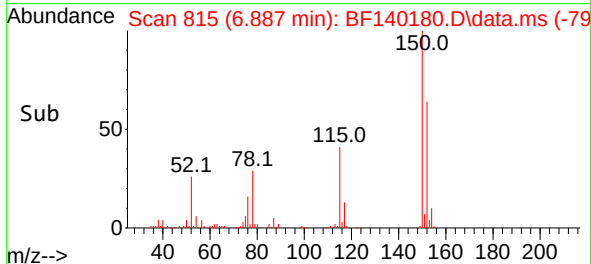
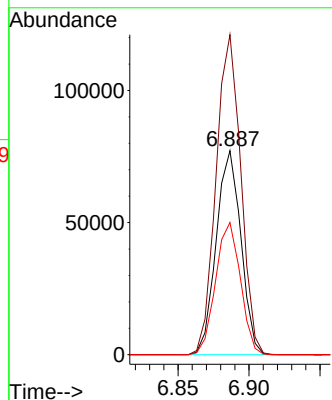
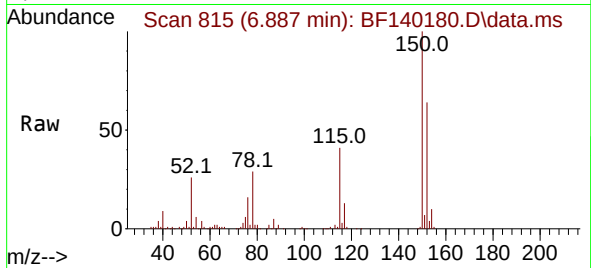




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

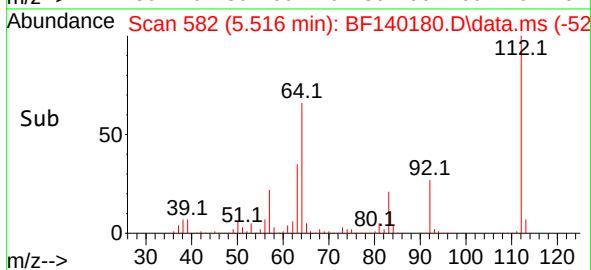
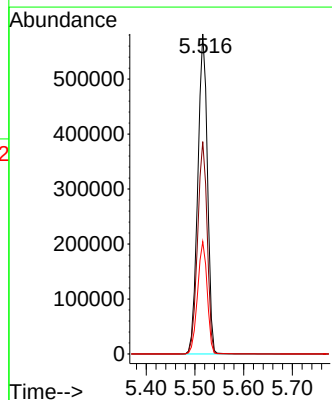
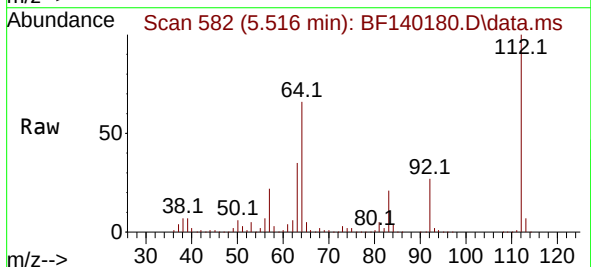
Instrument :
BNA_F
ClientSampleId :
TP-6

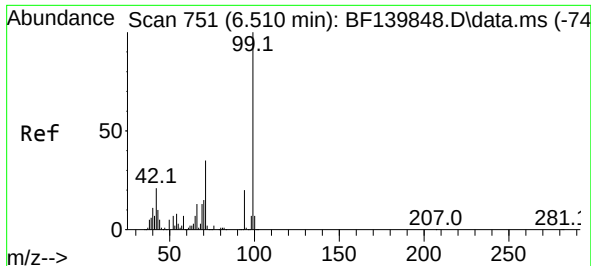
Tgt Ion:152 Resp: 93270
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.2
115 64.8 51.4 77.2



#5
2-Fluorophenol
Concen: 135.215 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion:112 Resp: 805597
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 35.1 27.0 40.4



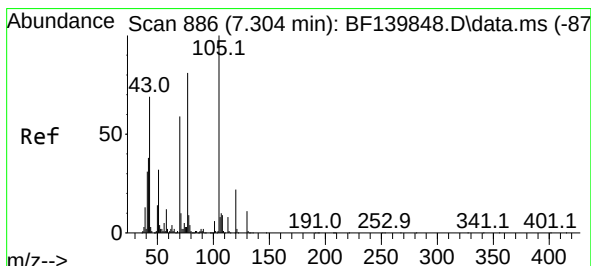
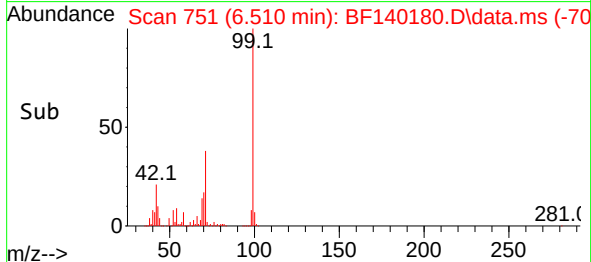
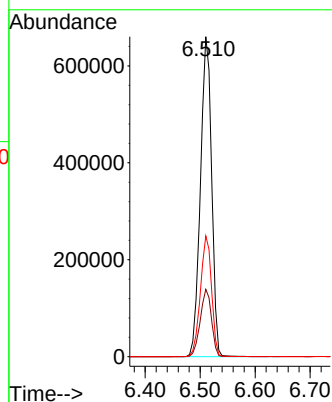
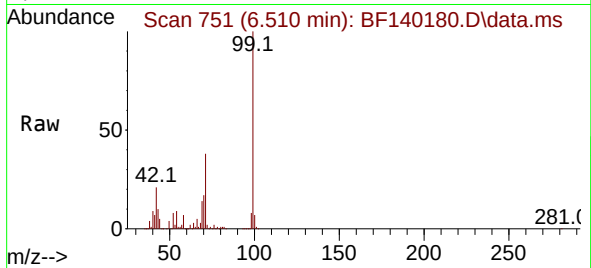


#7
Phenol-d6
Concen: 121.440 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 937080

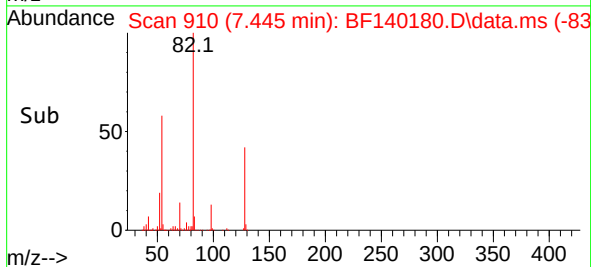
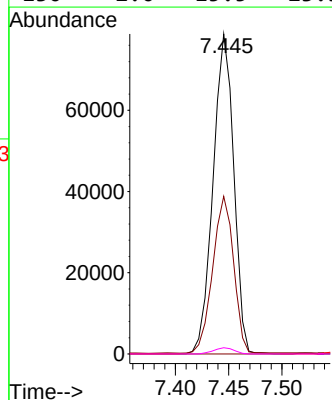
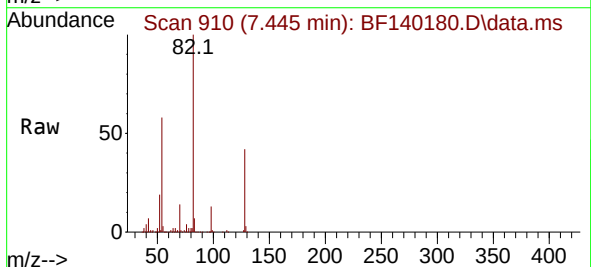
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.7	25.1
71	37.8	27.7	41.5

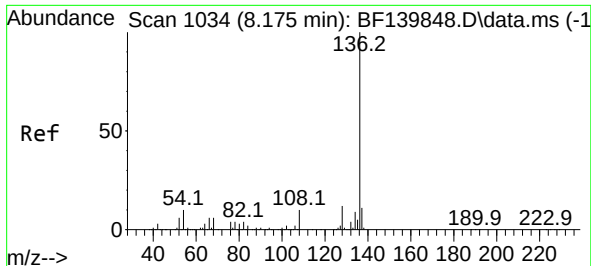


#19
n-Nitroso-di-n-propylamine
Concen: 22.741 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion: 70 Resp: 106430

Ion	Ratio	Lower	Upper
70	100		
42	49.3	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



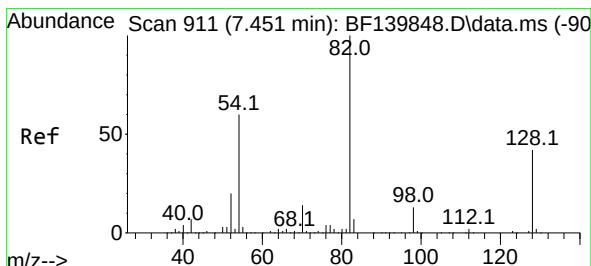
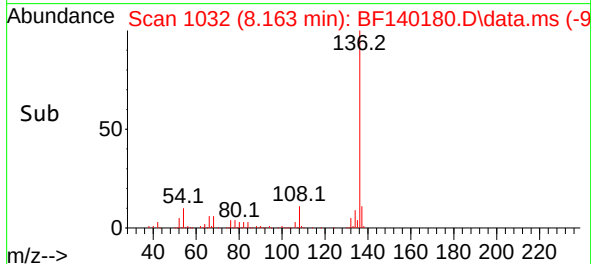
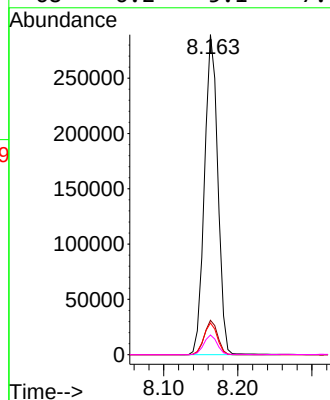
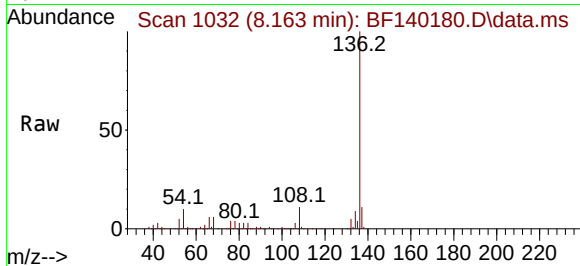


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 363703

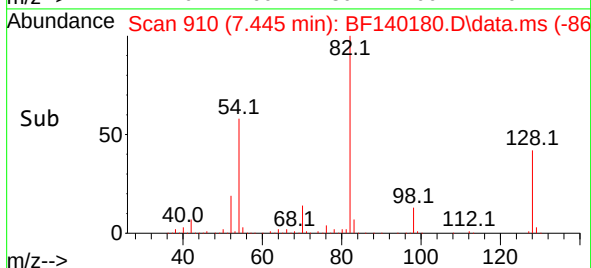
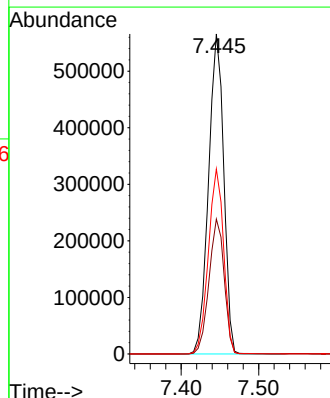
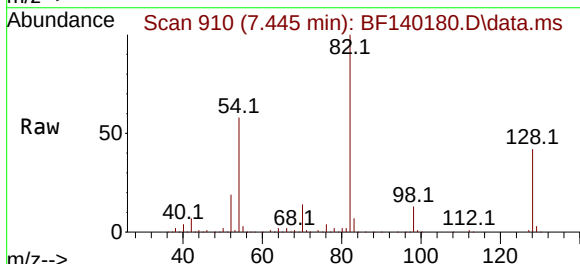
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.9	8.4	12.6
68	6.2	5.1	7.7

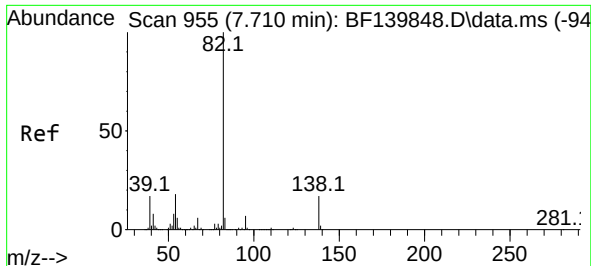


#23
Nitrobenzene-d5
Concen: 117.447 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion: 82 Resp: 770716

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	57.8	47.8	71.8

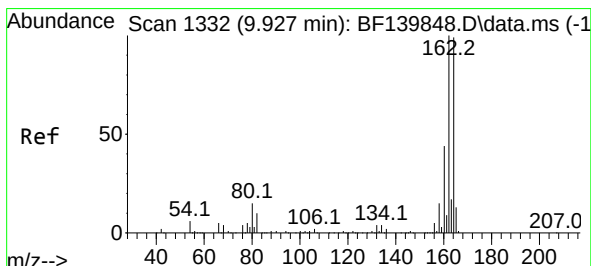
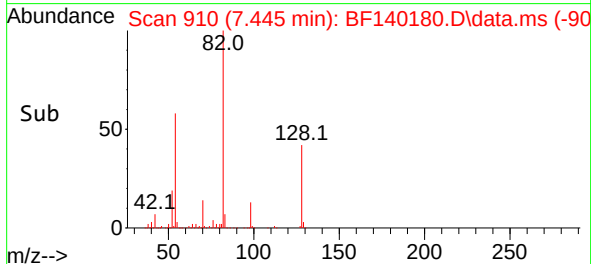
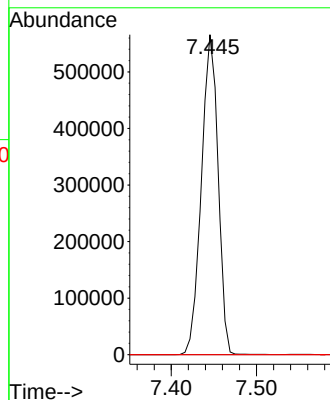
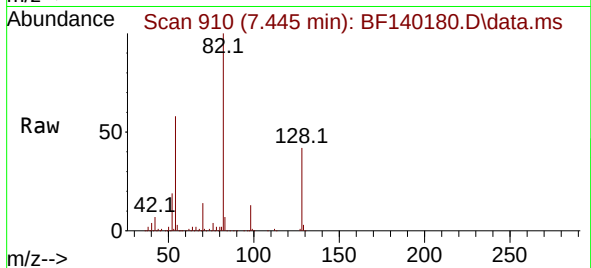




#25
Isophorone
Concen: 61.684 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

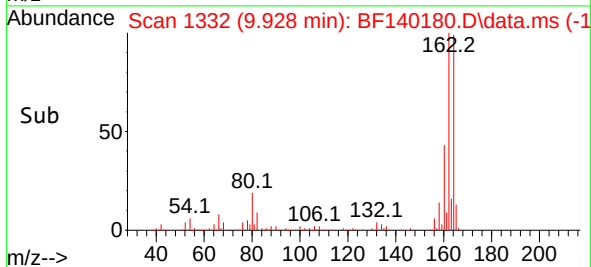
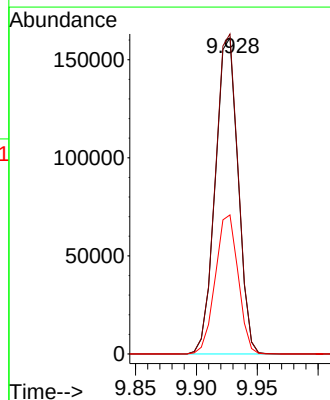
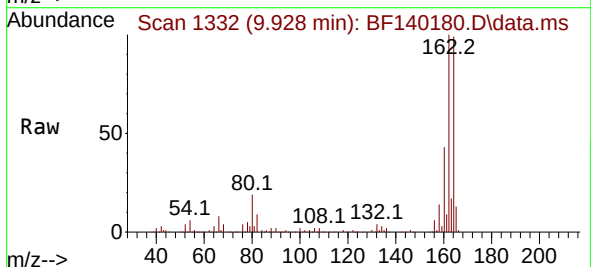
Instrument :
BNA_F
ClientSampleId :
TP-6

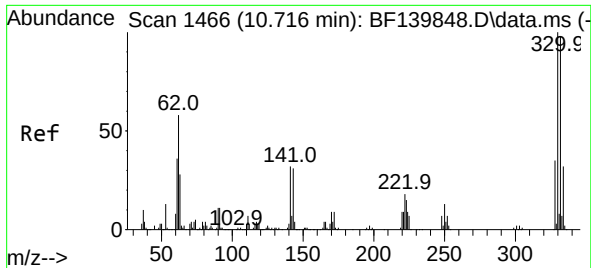
Tgt Ion: 82 Resp: 768281
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

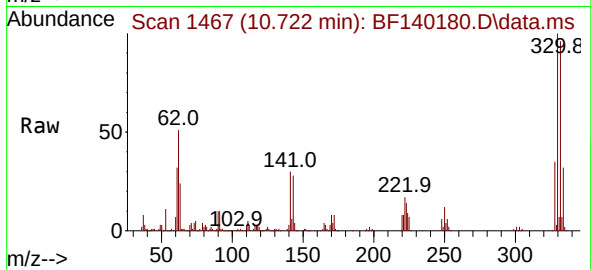
Tgt Ion:164 Resp: 209632
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.0 35.4 53.0



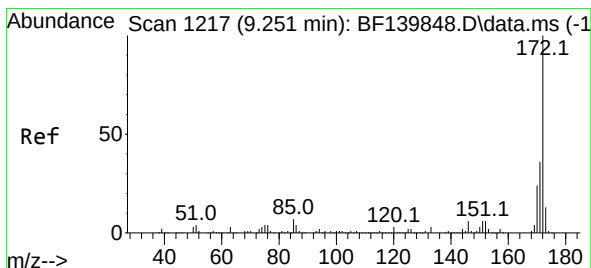
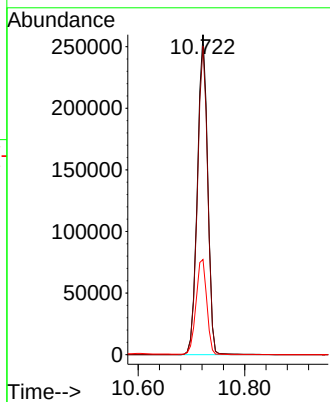
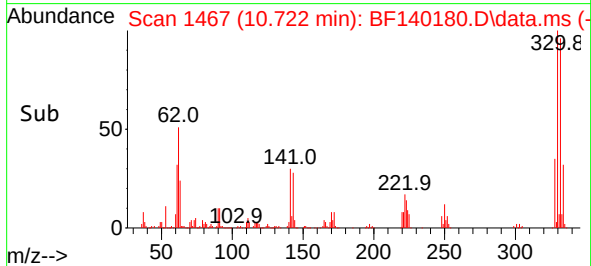


#42
2,4,6-Tribromophenol
Concen: 177.131 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
TP-6

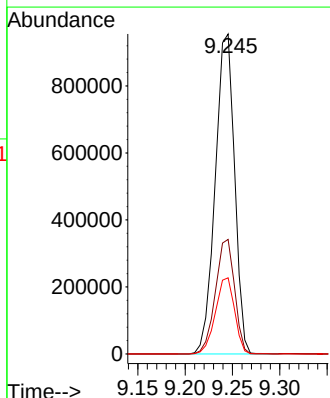
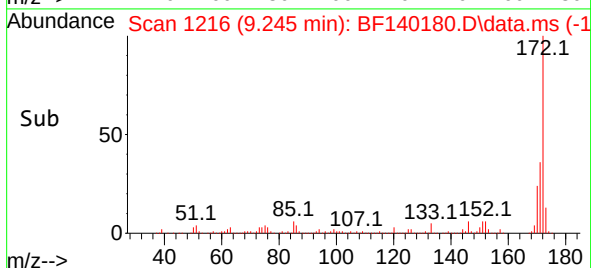
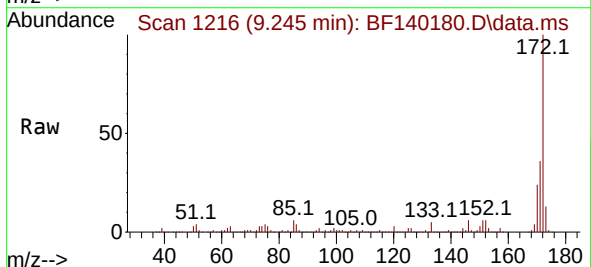


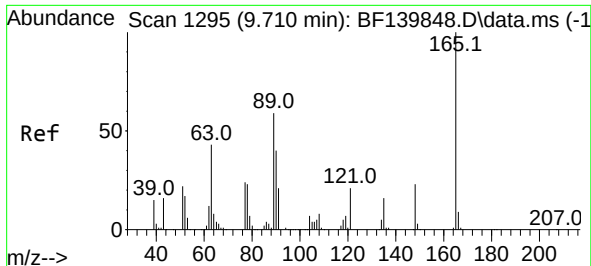
Tgt Ion:330 Resp: 347325
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 31.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 107.194 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion:172 Resp: 1359676
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.1 28.7

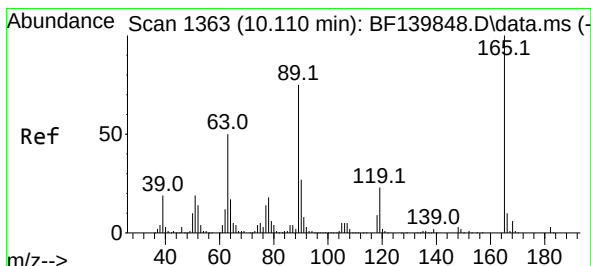
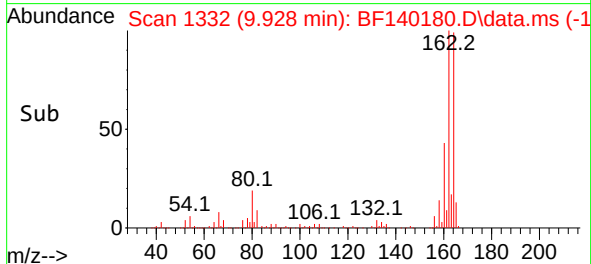
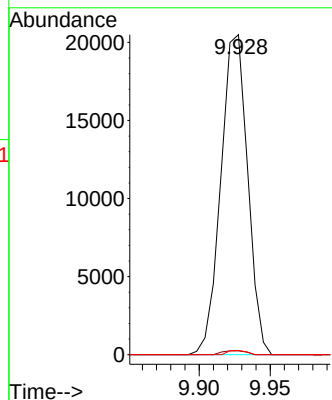
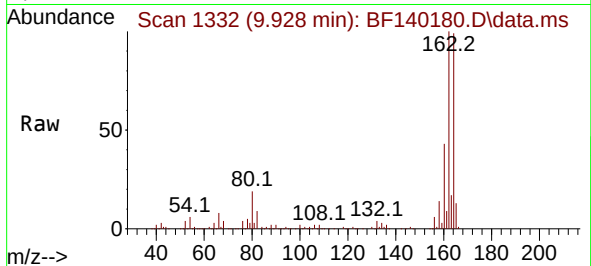




#51
2,6-Dinitrotoluene
Concen: 9.533 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

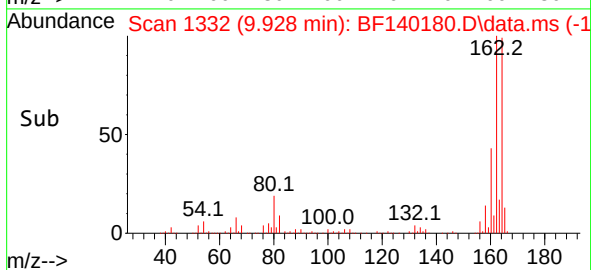
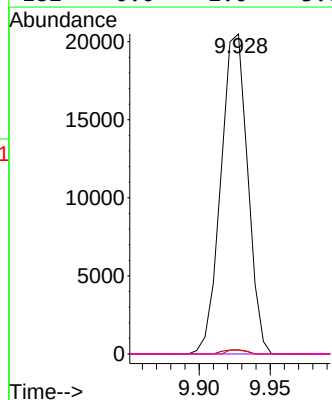
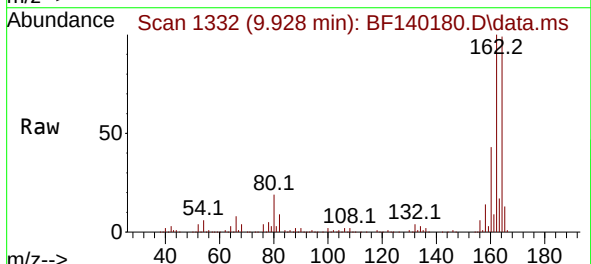
Instrument :
BNA_F
ClientSampleId :
TP-6

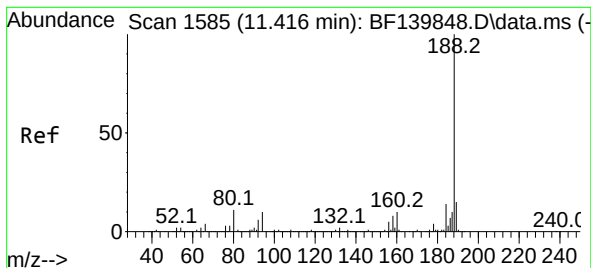
Tgt Ion:165 Resp: 26953
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.752 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion:165 Resp: 26953
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

TP-6

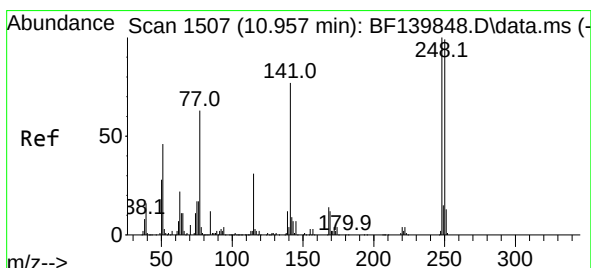
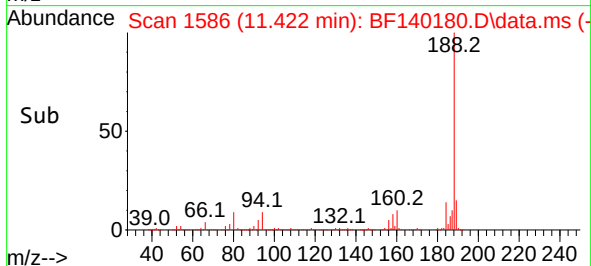
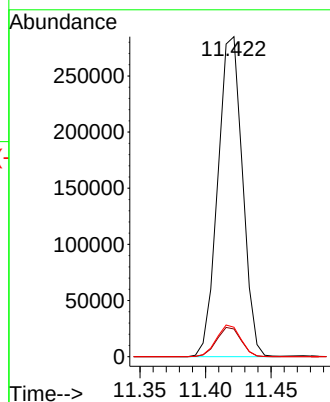
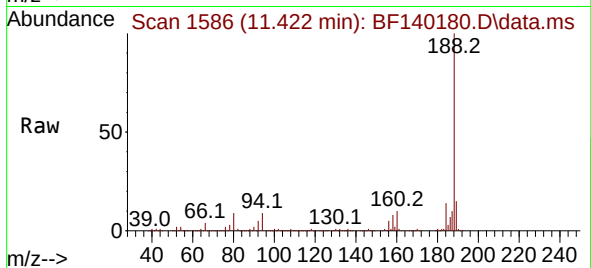
Tgt Ion:188 Resp: 372322

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.795 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.235 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

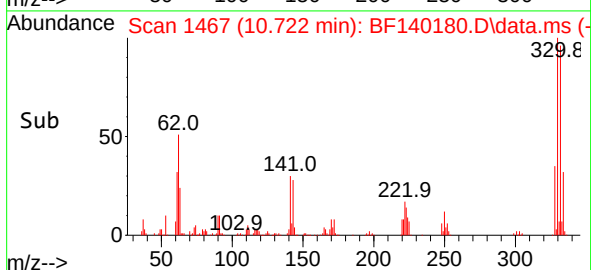
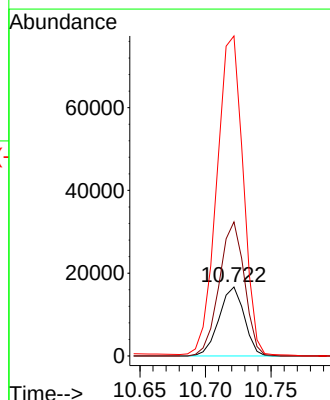
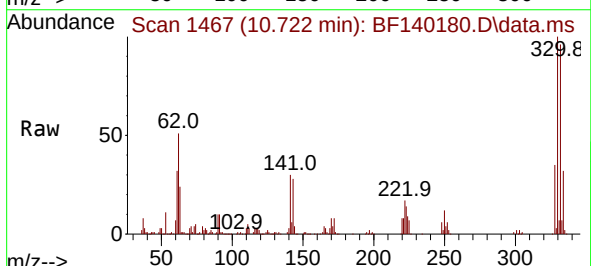
Tgt Ion:248 Resp: 22227

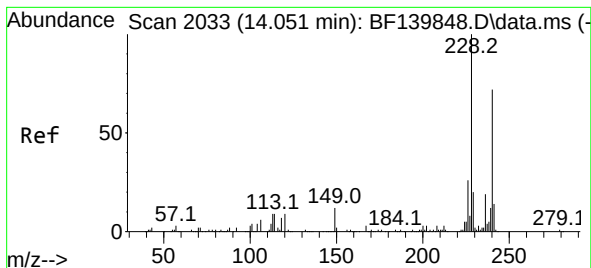
Ion Ratio Lower Upper

248 100

250 194.5 79.0 118.6#

141 464.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.030 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

TP-6

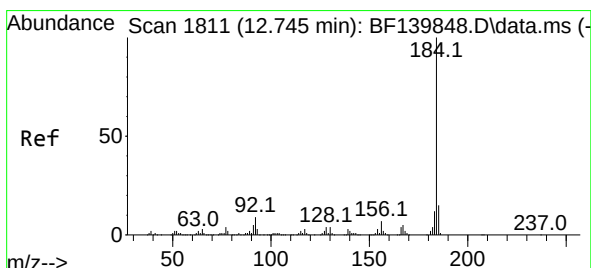
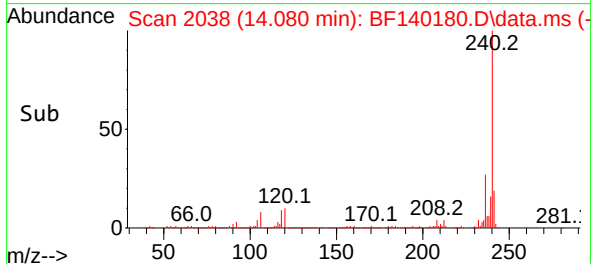
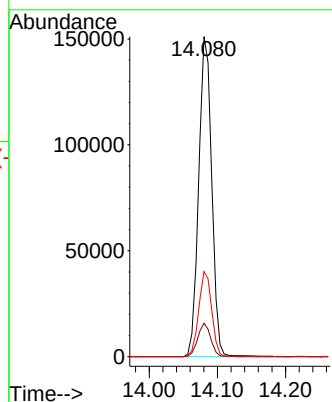
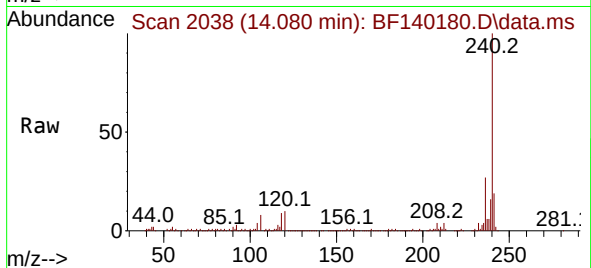
Tgt Ion:240 Resp: 200521

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.6 20.9 31.3



#77

Benzidine

Concen: 5.618 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.271 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

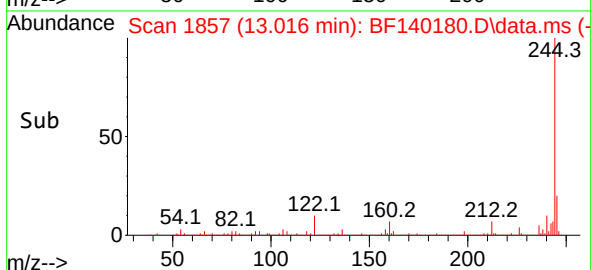
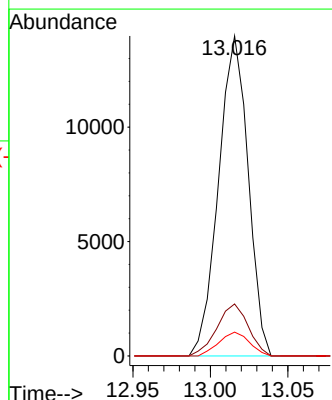
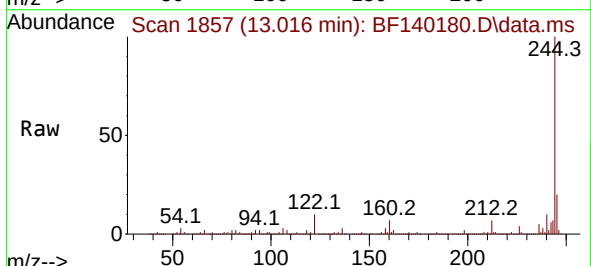
Tgt Ion:184 Resp: 18523

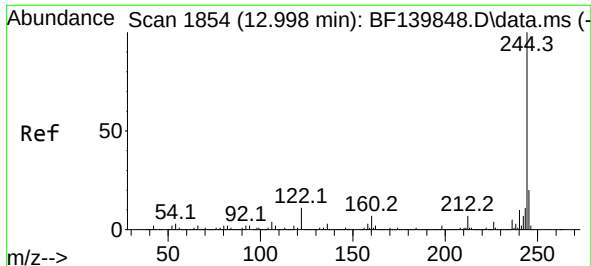
Ion Ratio Lower Upper

184 100

185 16.2 12.0 18.0

183 7.5 9.4 14.2#

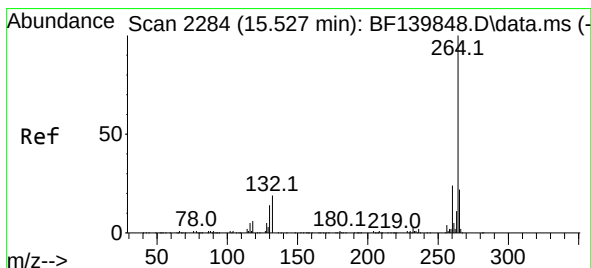
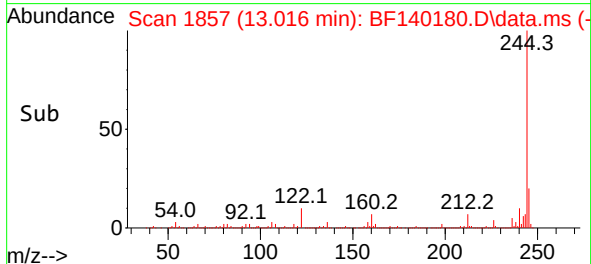
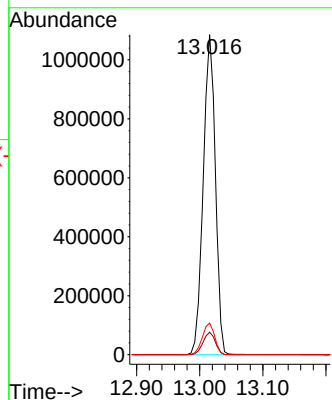
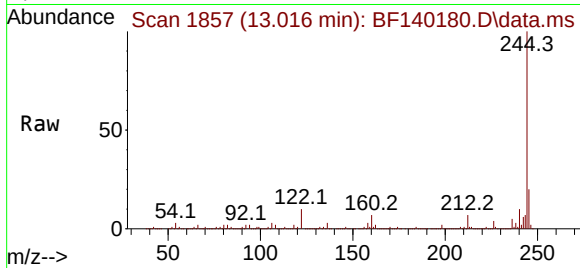




#79
 Terphenyl-d14
 Concen: 117.641 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140180.D
 Acq: 31 Oct 2024 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1447667
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2299
 Delta R.T. 0.088 min
 Lab File: BF140180.D
 Acq: 31 Oct 2024 11:14

Tgt Ion:264 Resp: 168396
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.6 17.4 26.0

