

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139640.D
 Acq On : 03 Oct 2024 19:22
 Operator : RC/JU
 Sample : P4236-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Oct 04 01:16:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

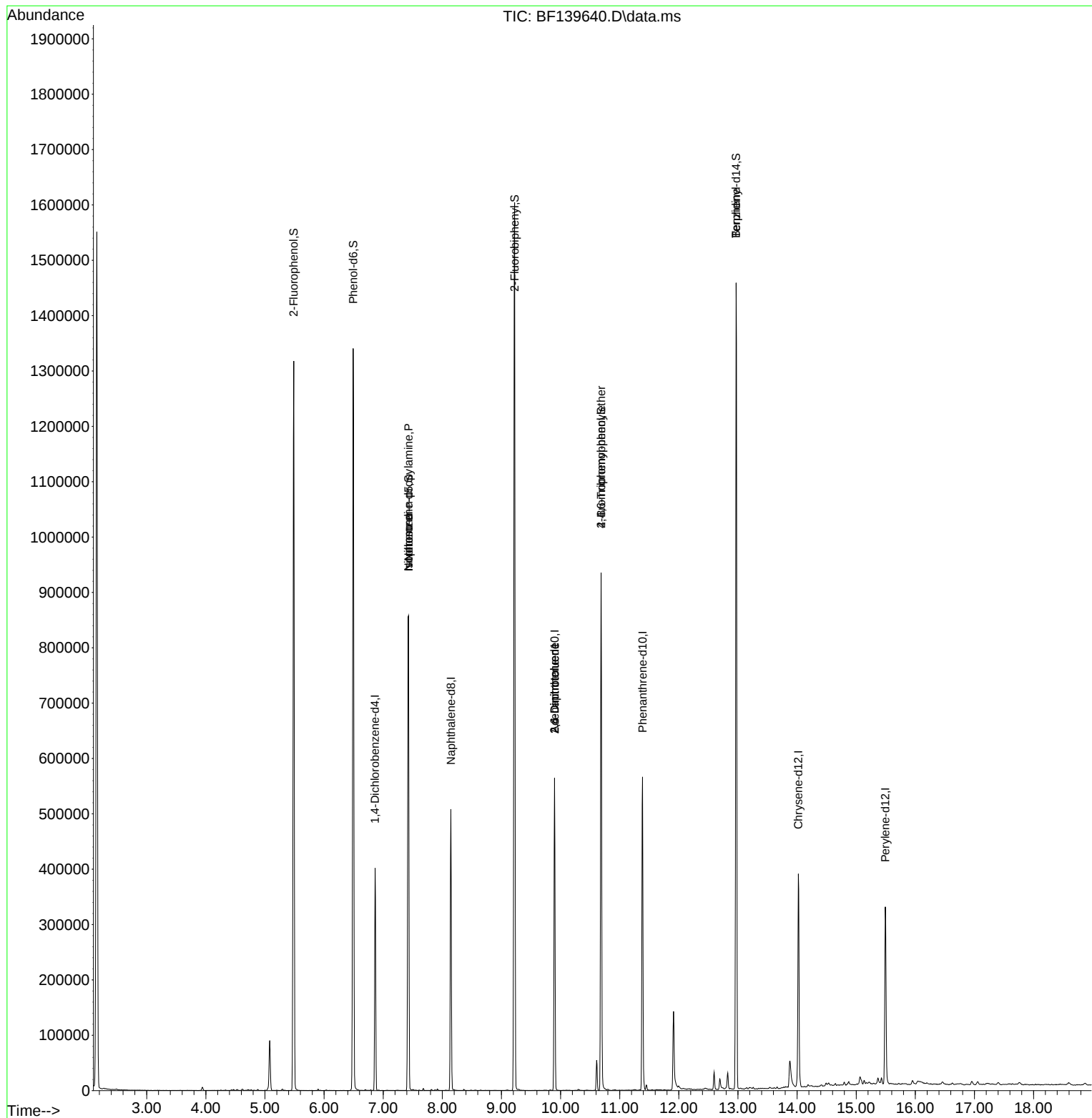
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78117	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	300851	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	162259	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	298705	20.000	ng	0.00
76) Chrysene-d12	14.021	240	174564	20.000	ng	-0.01
86) Perylene-d12	15.492	264	181624	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	444355	98.593	ng	0.00
7) Phenol-d6	6.492	99	585728	96.640	ng	-0.01
23) Nitrobenzene-d5	7.428	82	381329	64.174	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	141764	90.506	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	707936	66.980	ng	0.00
79) Terphenyl-d14	12.968	244	696807	65.497	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	51609	13.244	ng	# 75
25) Isophorone	7.428	82	378656	35.878	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	21163	8.820	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	21163	6.748	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	9517	3.107	ng	# 1
77) Benzidine	12.968	184	9473	3.077	ng	# 88

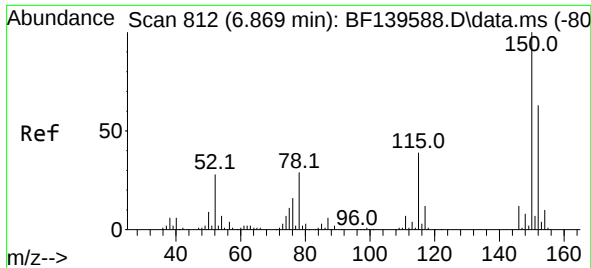
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139640.D
Acq On : 03 Oct 2024 19:22
Operator : RC/JU
Sample : P4236-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3

Quant Time: Oct 04 01:16:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

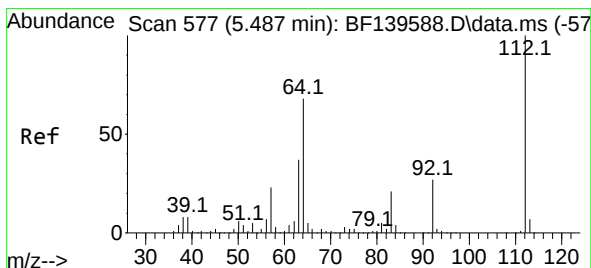
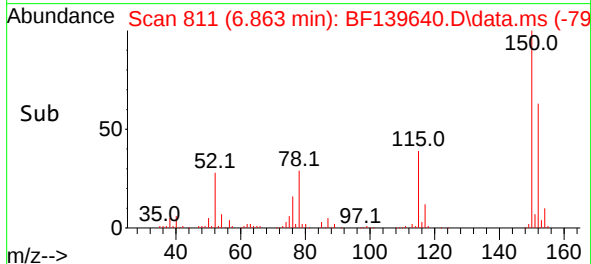
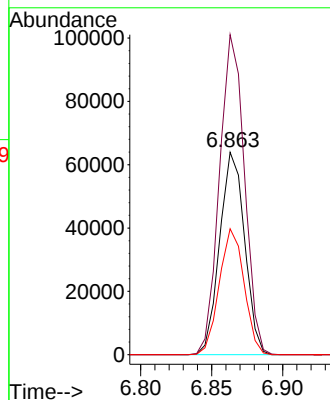
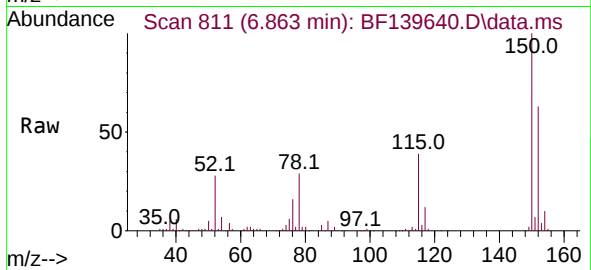




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

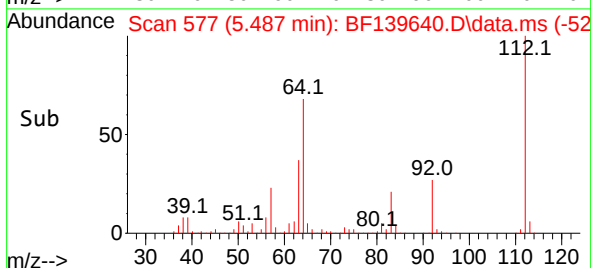
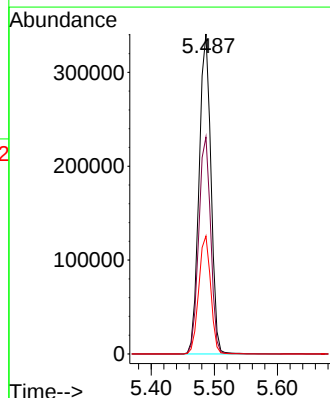
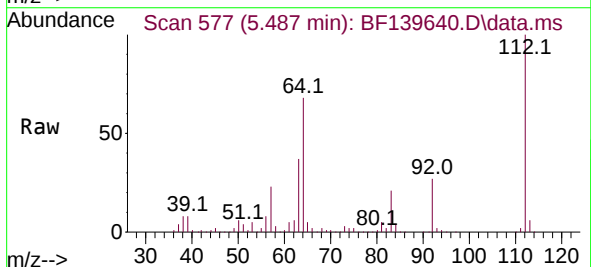
Instrument :
BNA_F
ClientSampleId :
TP3

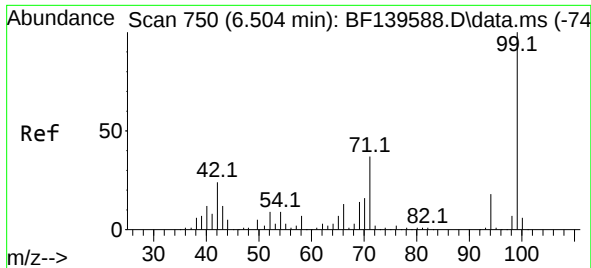
Tgt Ion:152 Resp: 78117
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 98.593 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:112 Resp: 444355
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 36.9 29.4 44.2

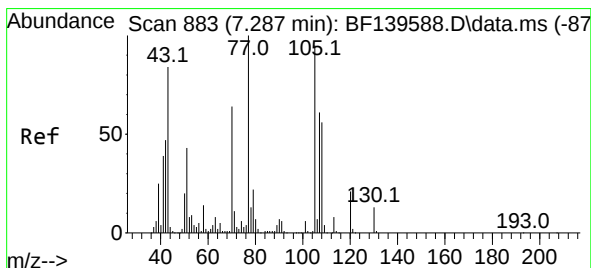
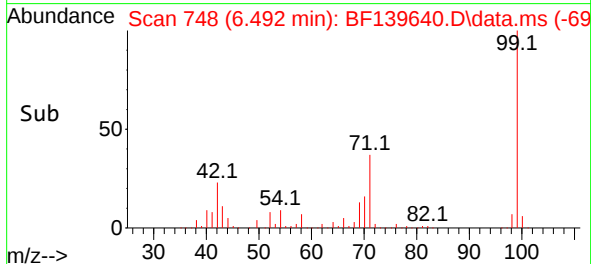
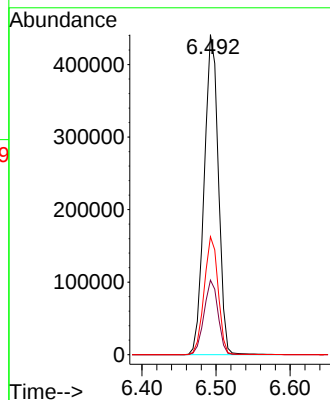
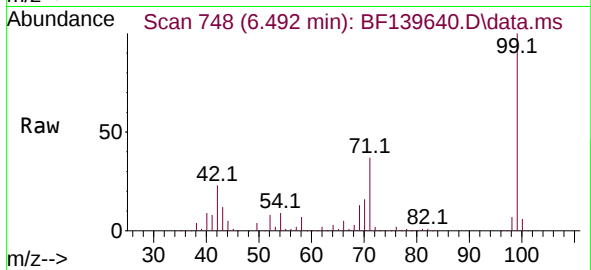




#7
Phenol-d6
Concen: 96.640 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

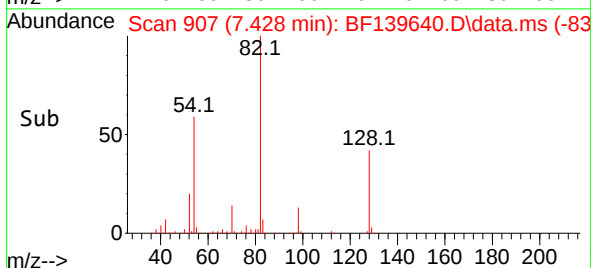
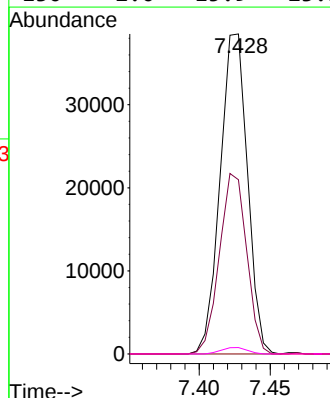
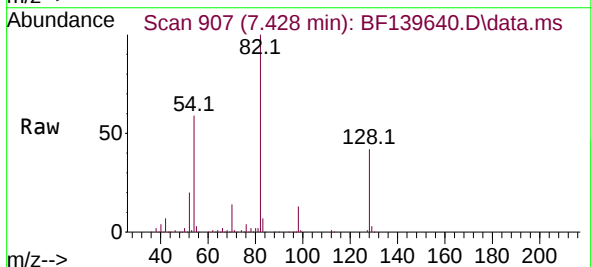
Instrument :
BNA_F
ClientSampleId :
TP3

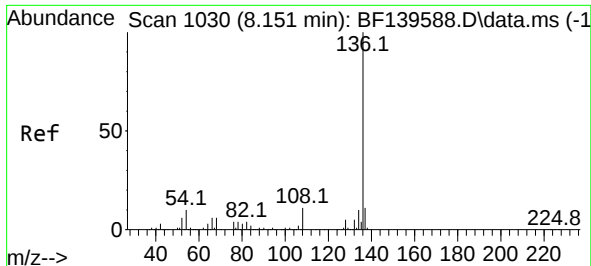
Tgt Ion: 99 Resp: 585728
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 36.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.244 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion: 70 Resp: 51609
Ion Ratio Lower Upper
70 100
42 54.5 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#



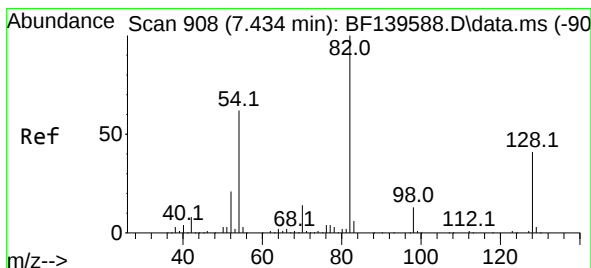
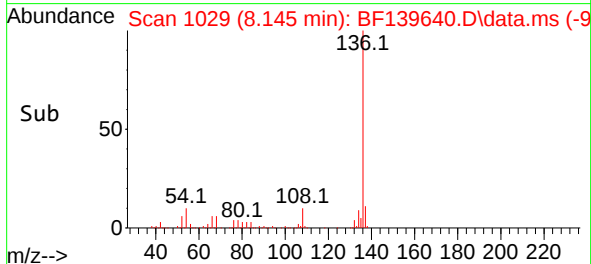
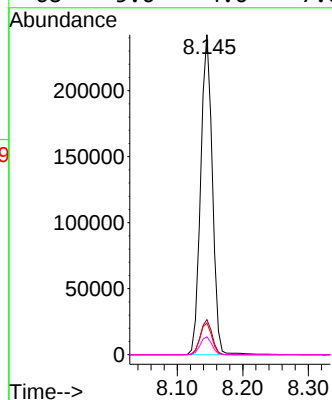
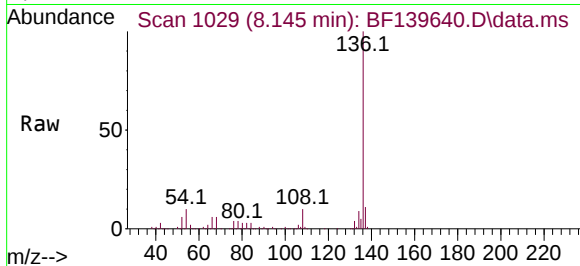


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:136 Resp: 300851

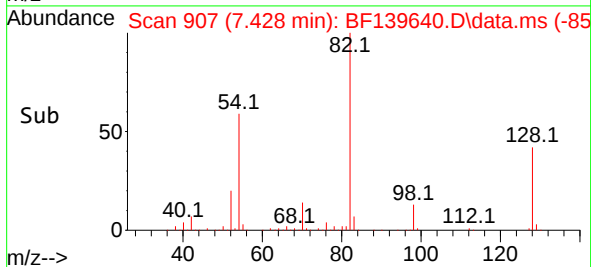
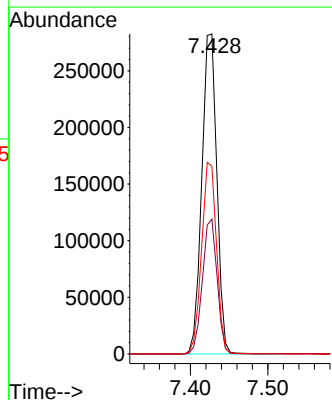
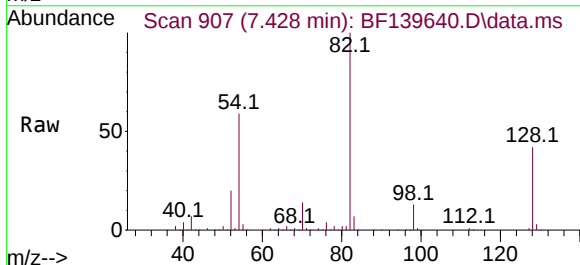
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.9	8.3	12.5
68	5.6	4.6	7.0

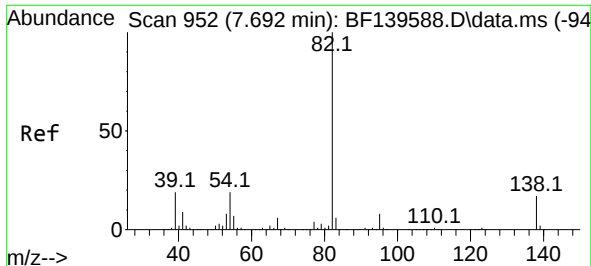


#23
Nitrobenzene-d5
Concen: 64.174 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion: 82 Resp: 381329

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.4	48.6
54	58.7	49.1	73.7

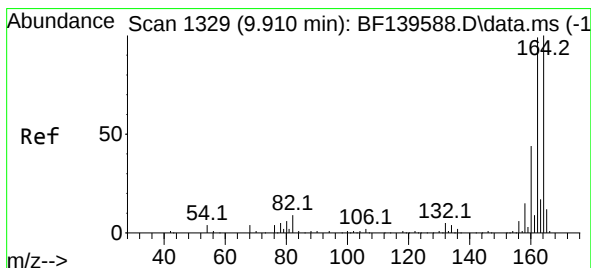
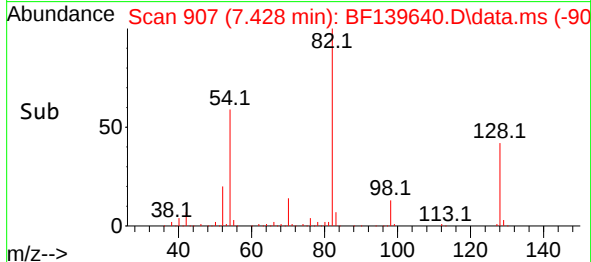
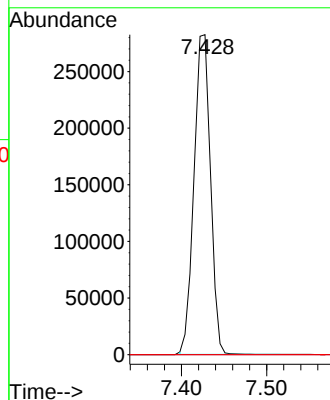
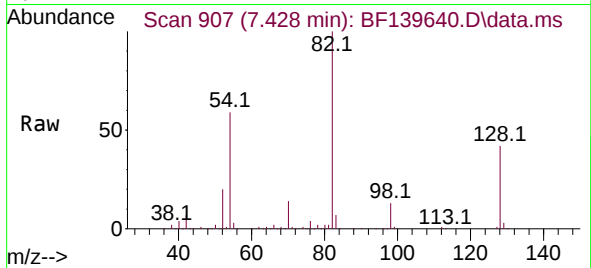




#25
Isophorone
Concen: 35.878 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

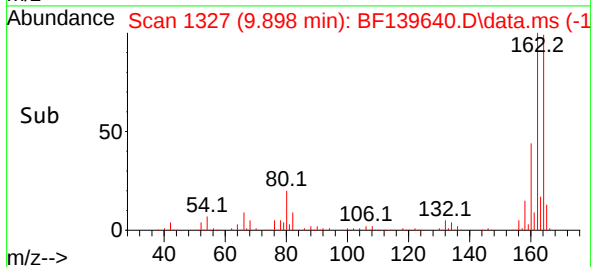
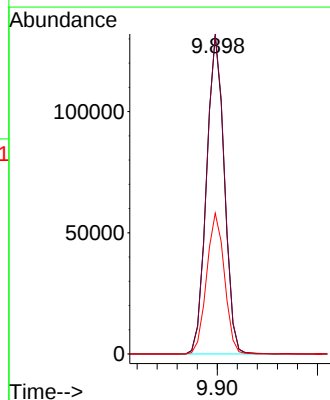
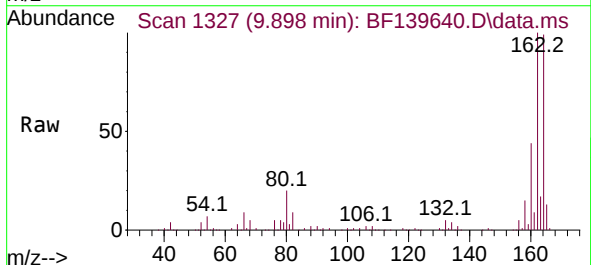
Instrument :
BNA_F
ClientSampleId :
TP3

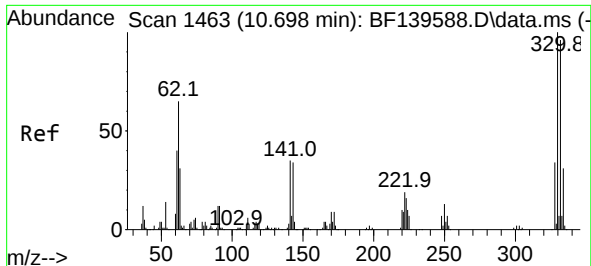
Tgt Ion: 82 Resp: 378656
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:164 Resp: 162259
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.2 35.1 52.7

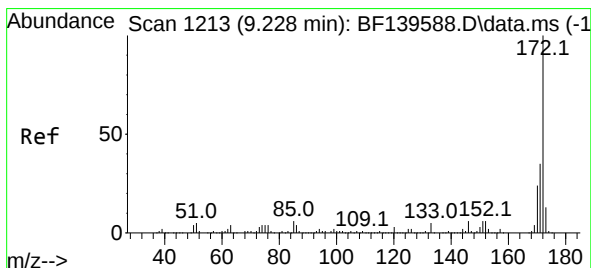
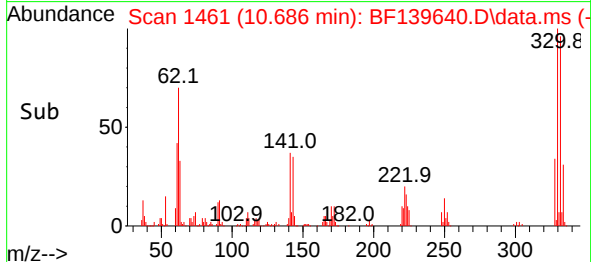
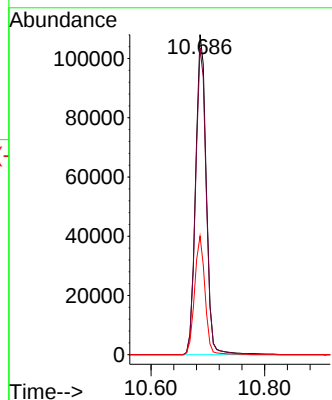
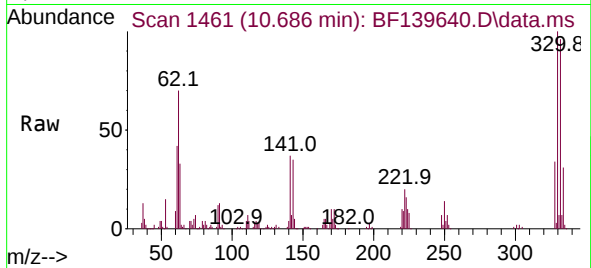




#42
2,4,6-Tribromophenol
Concen: 90.506 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

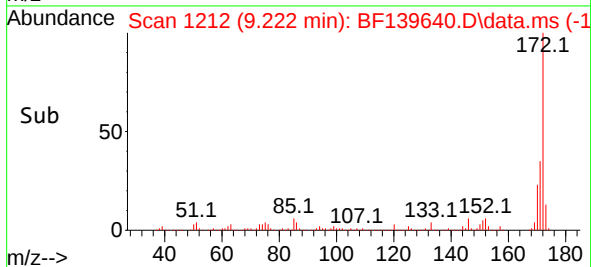
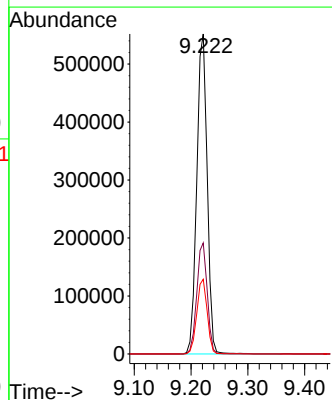
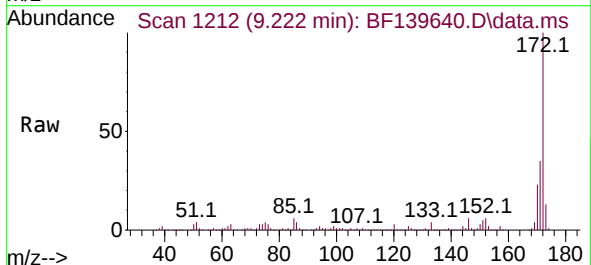
Instrument :
BNA_F
ClientSampleId :
TP3

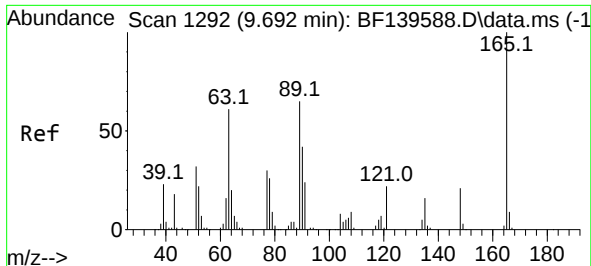
Tgt Ion: 330 Resp: 141764
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 66.980 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion: 172 Resp: 707936
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.4 18.8 28.2

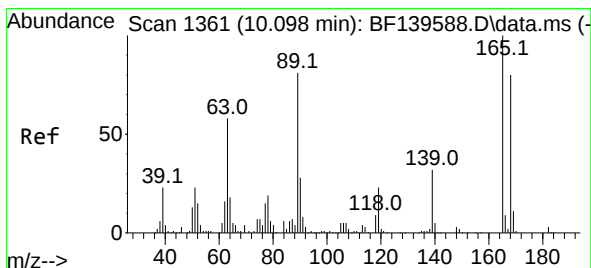
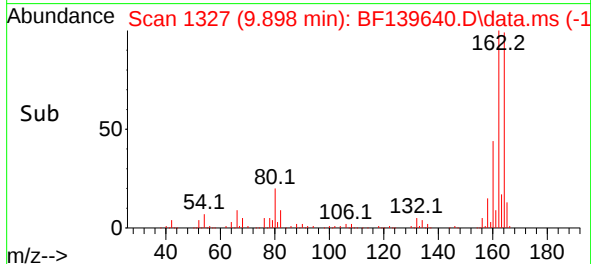
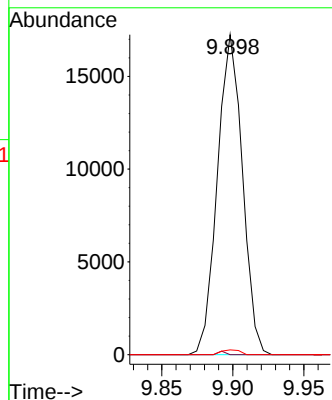
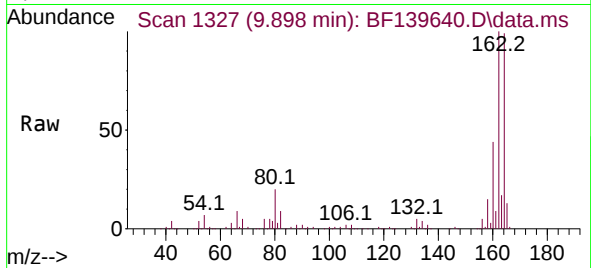




#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

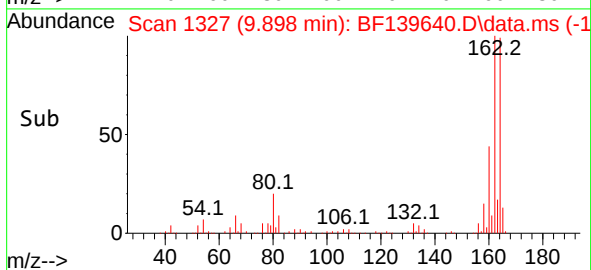
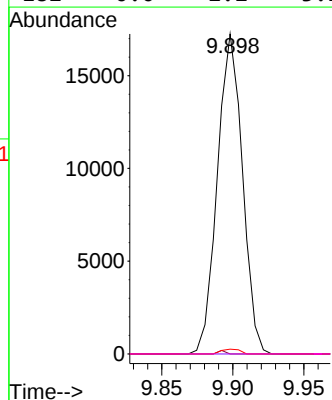
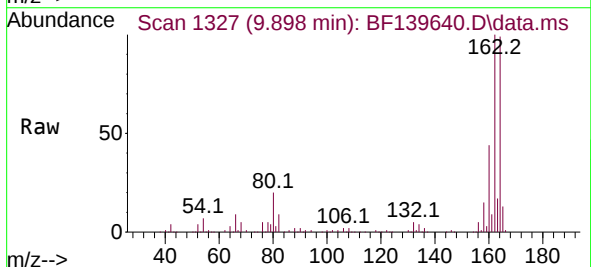
Instrument :
BNA_F
ClientSampleId :
TP3

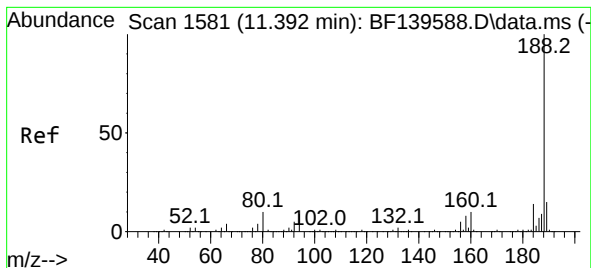
Tgt Ion:165 Resp: 21163
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.5 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:165 Resp: 21163
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 1.5 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

Instrument :

BNA_F

ClientSampleId :

TP3

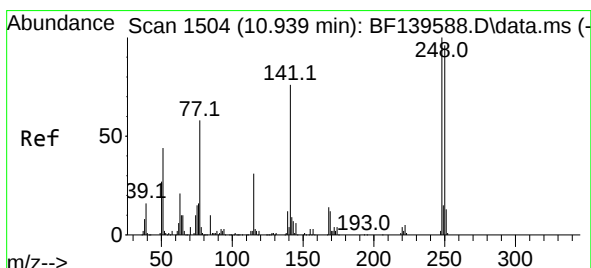
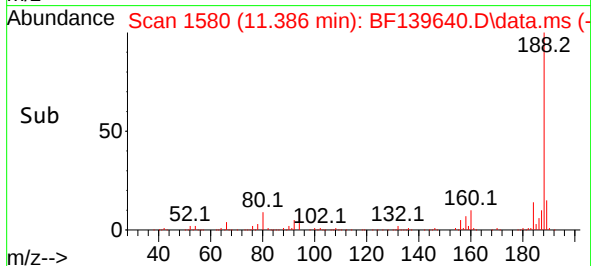
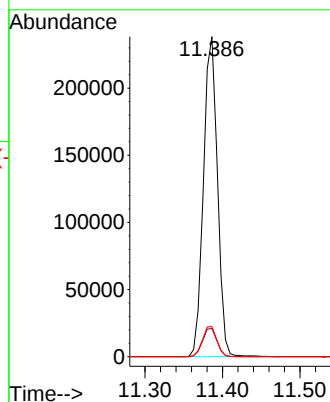
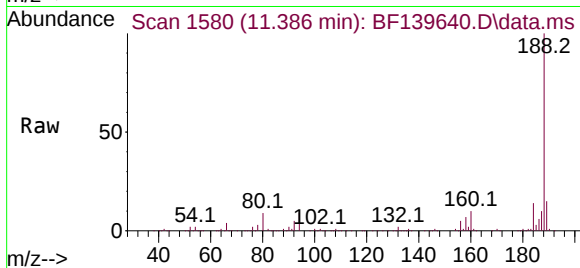
Tgt Ion:188 Resp: 298705

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.4 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 3.107 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

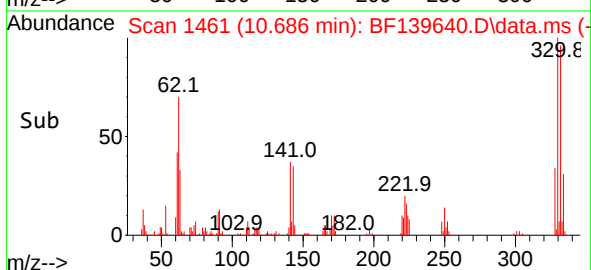
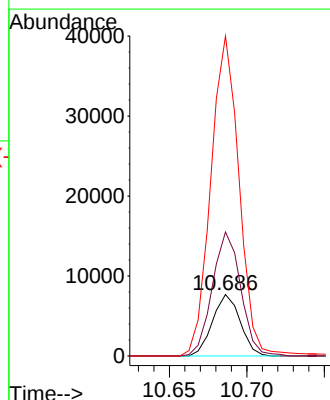
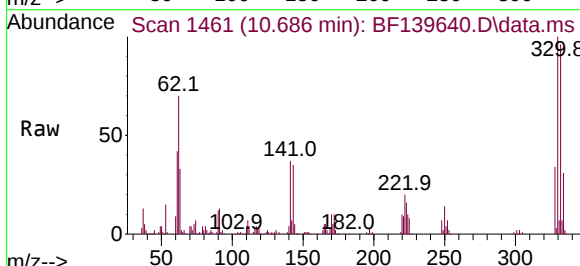
Tgt Ion:248 Resp: 9517

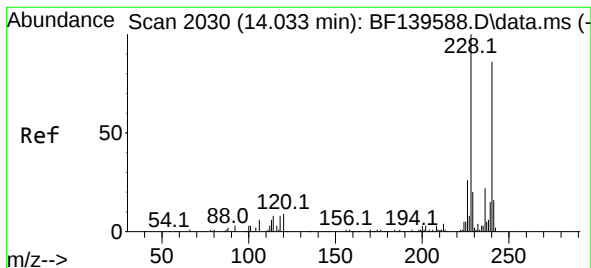
Ion Ratio Lower Upper

248 100

250 201.8 77.1 115.7#

141 520.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

Instrument :

BNA_F

ClientSampleId :

TP3

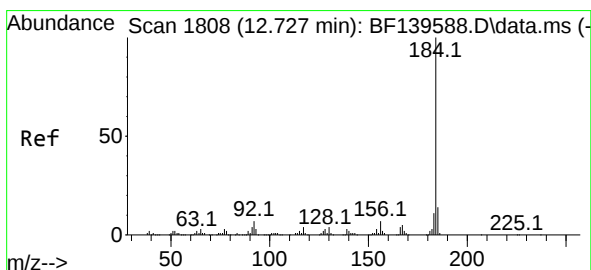
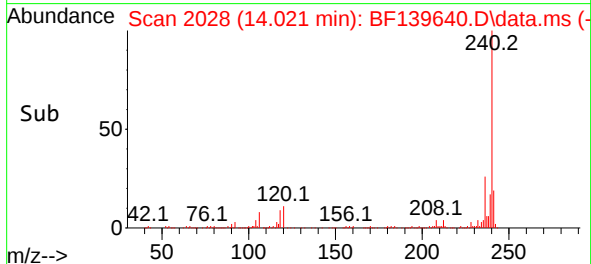
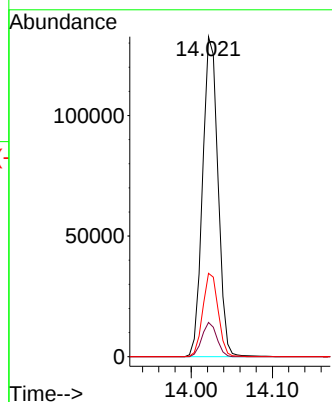
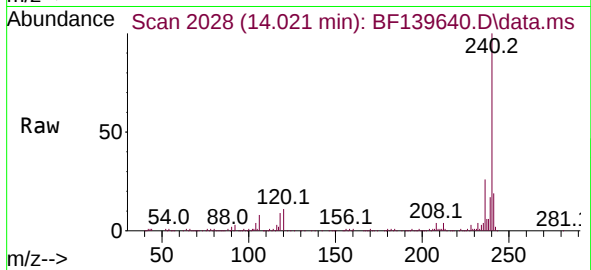
Tgt Ion:240 Resp: 174564

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 26.1 20.3 30.5



#77

Benzidine

Concen: 3.077 ng

RT: 12.968 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

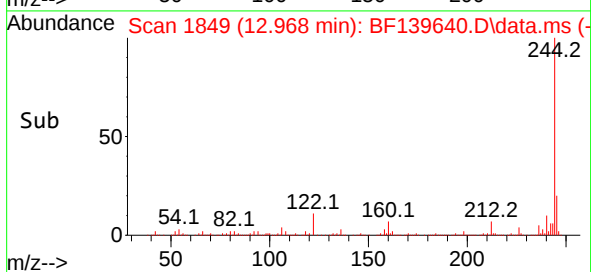
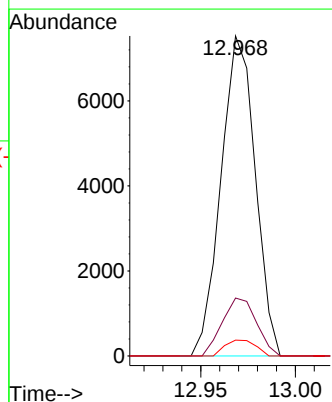
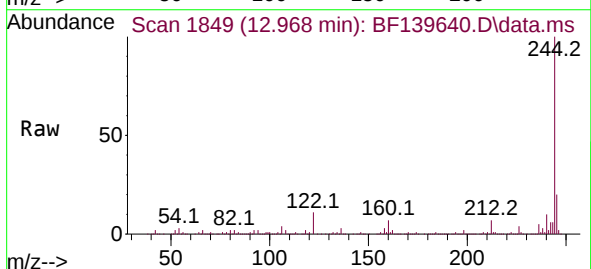
Tgt Ion:184 Resp: 9473

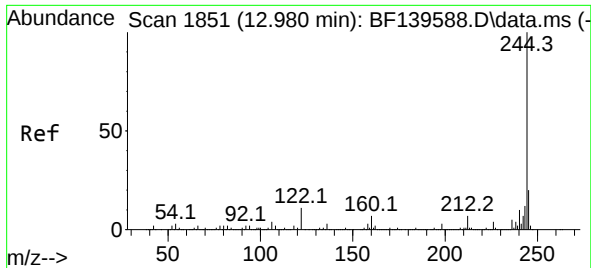
Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.0#

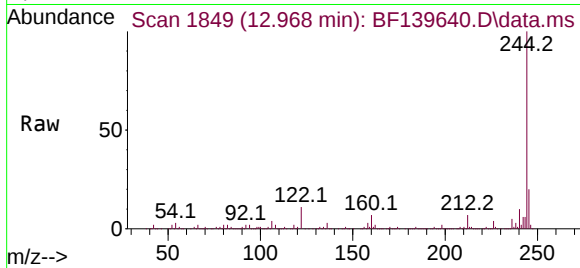
183 4.9 8.8 13.2#



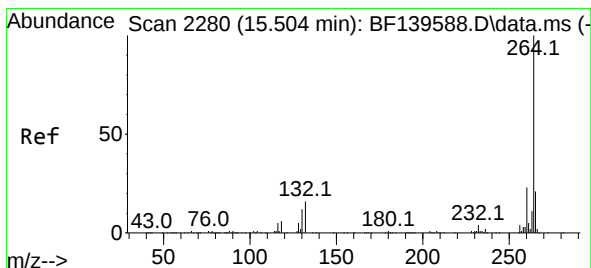
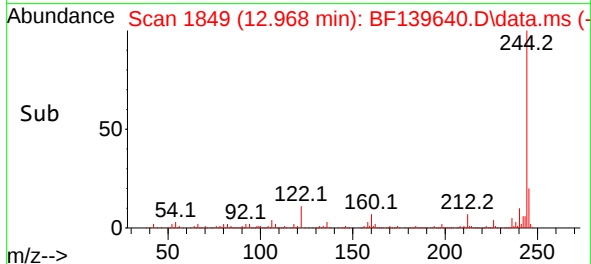
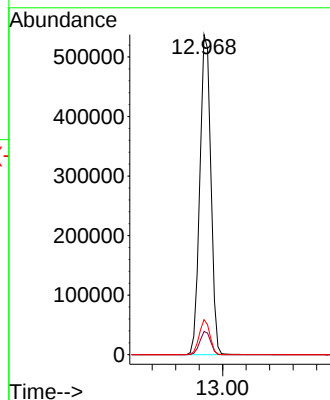


#79
Terphenyl-d14
Concen: 65.497 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Instrument :
BNA_F
ClientSampleId :
TP3



Tgt Ion:244 Resp: 696807
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:264 Resp: 181624
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 16.9 25.3

