

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140008.D
 Acq On : 24 Oct 2024 18:42
 Operator : RC/JU
 Sample : P4467-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 25 01:08:32 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)

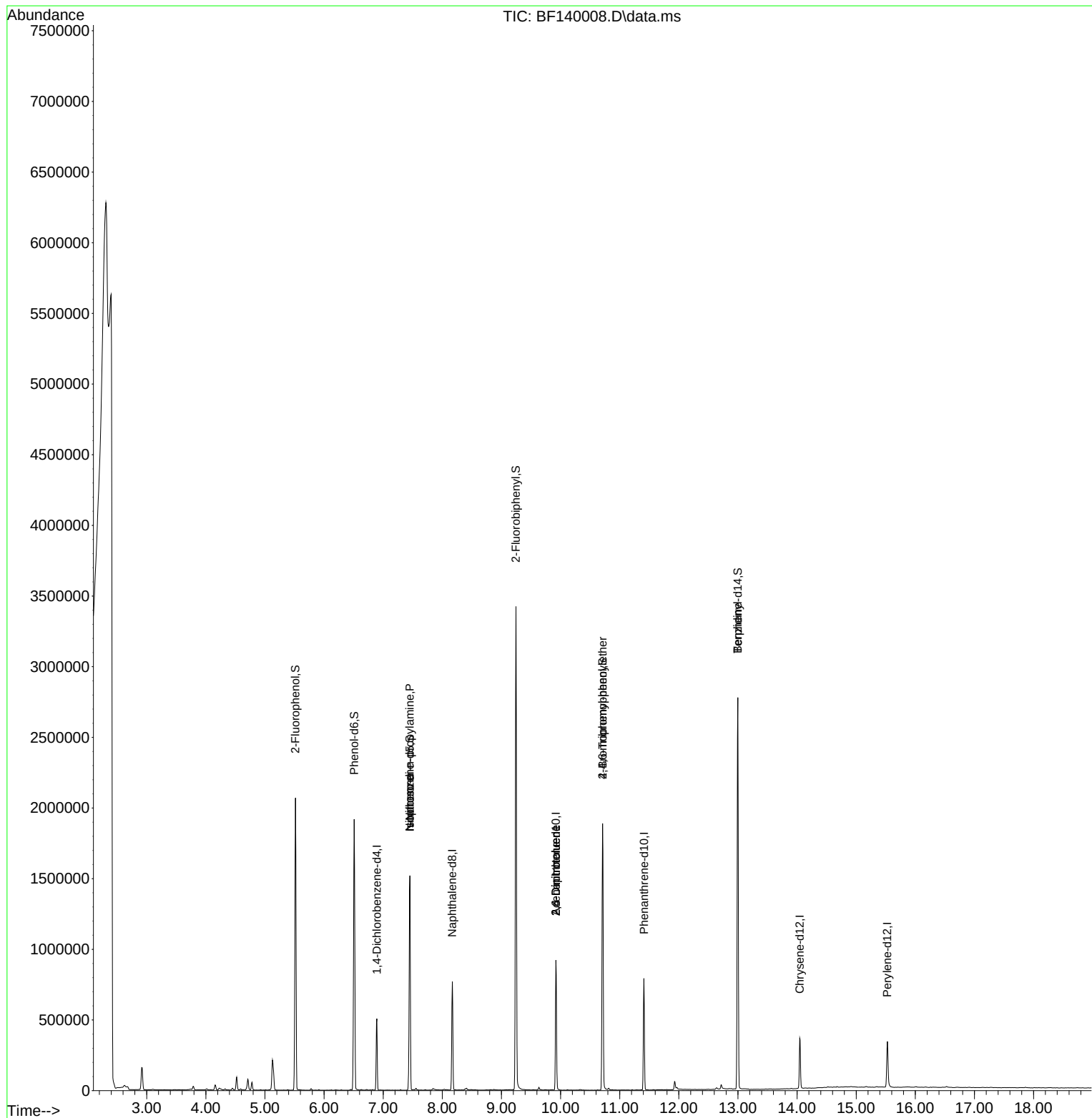
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	104105	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	456532	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273825	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	408344	20.000	ng	0.00
76) Chrysene-d12	14.045	240	179527	20.000	ng	0.00
86) Perylene-d12	15.527	264	205678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	769226	115.673	ng	0.02
7) Phenol-d6	6.510	99	914284	106.154	ng	0.00
23) Nitrobenzene-d5	7.451	82	696254	84.526	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342644	133.779	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1564911	94.452	ng	0.00
79) Terphenyl-d14	12.998	244	1405824	127.600	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	94088	18.012	ng	# 76
25) Isophorone	7.451	82	692601	44.301	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34710	9.399	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34710	7.643	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	21575	5.129	ng	# 1
77) Benzidine	12.998	184	16907	5.727	ng	# 92

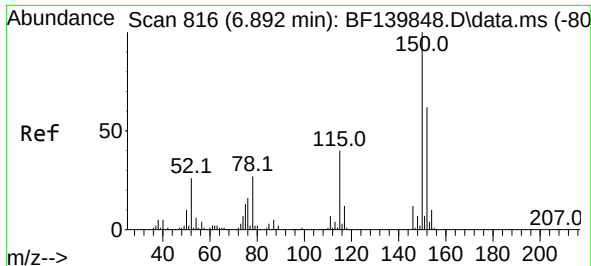
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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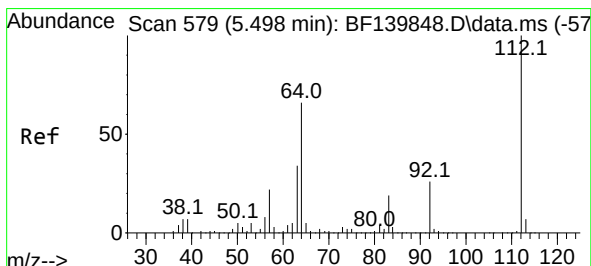
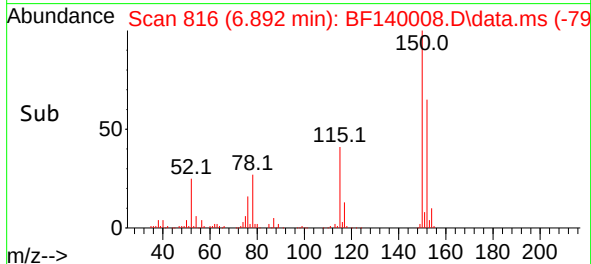
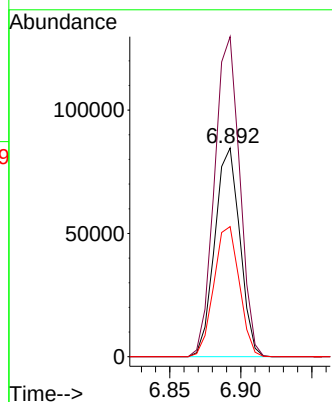
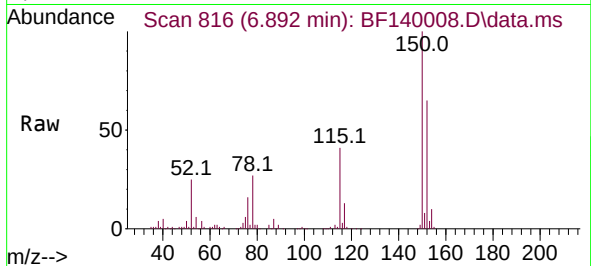




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

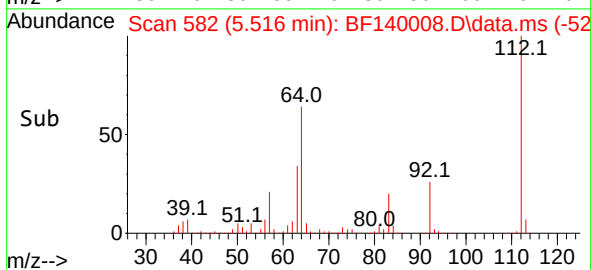
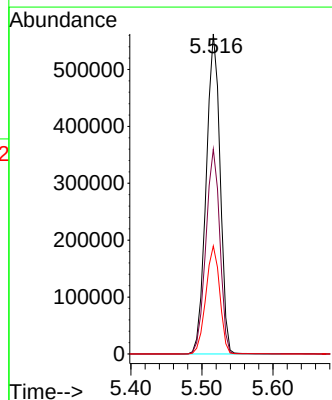
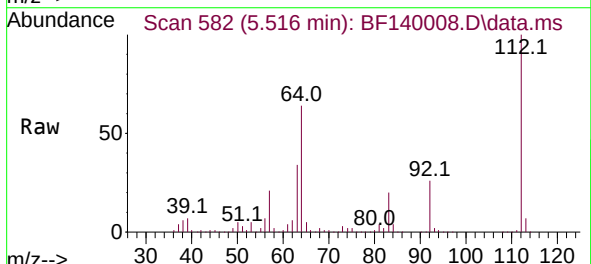
Instrument :
BNA_F
ClientSampleId :
TP-1

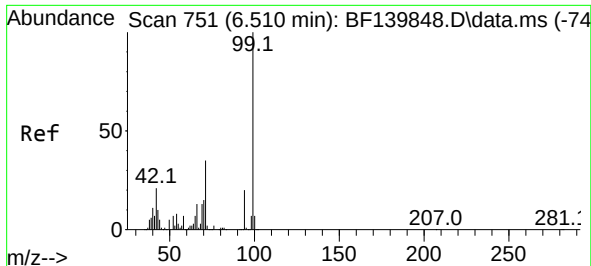
Tgt Ion:152 Resp: 104105
Ion Ratio Lower Upper
152 100
150 153.3 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 115.673 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion:112 Resp: 769226
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.8 27.0 40.4



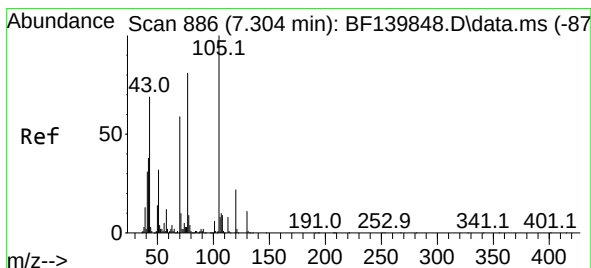
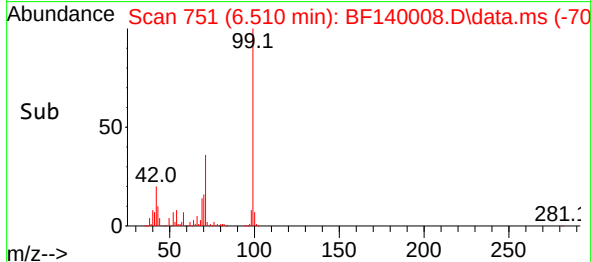
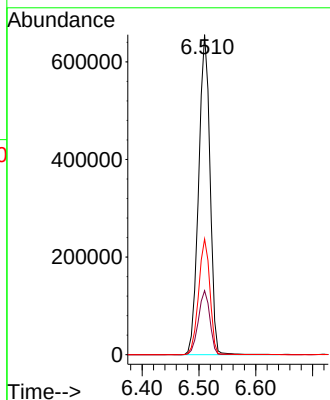
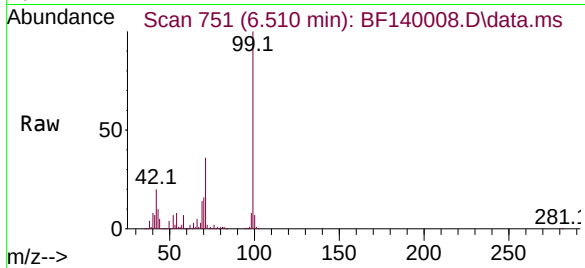


#7
Phenol-d6
Concen: 106.154 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 914284

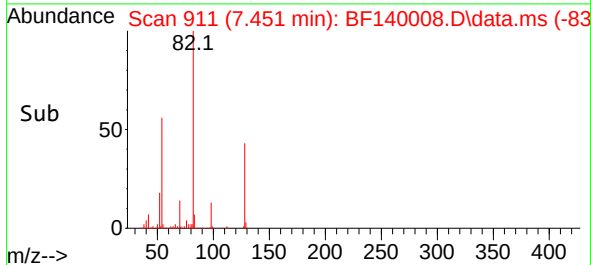
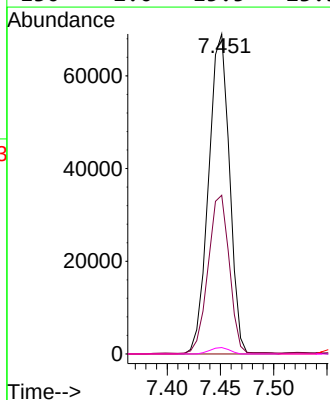
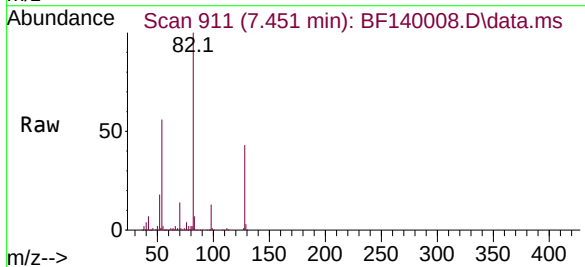
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.7	25.1
71	36.2	27.7	41.5

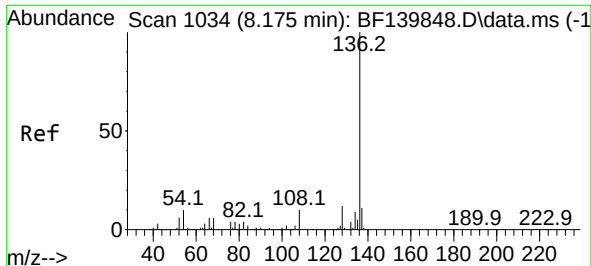


#19
n-Nitroso-di-n-propylamine
Concen: 18.012 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 70 Resp: 94088

Ion	Ratio	Lower	Upper
70	100		
42	49.6	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

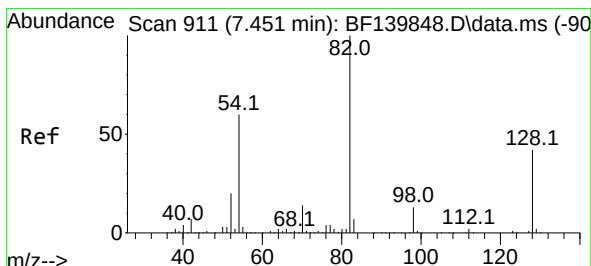
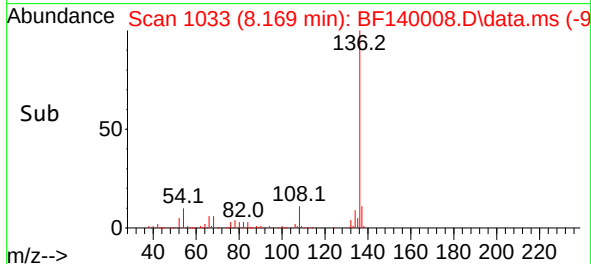
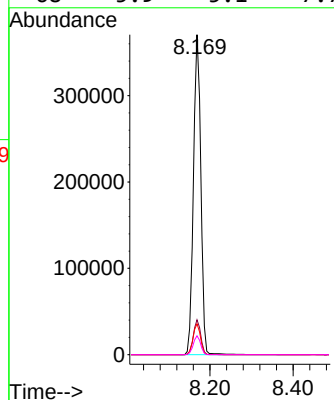
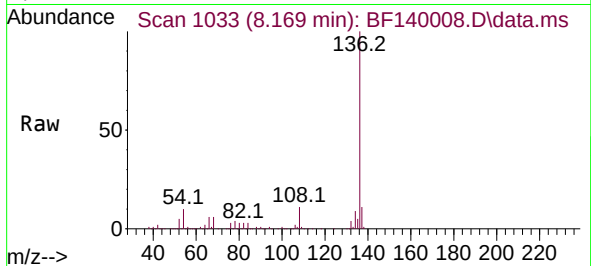




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

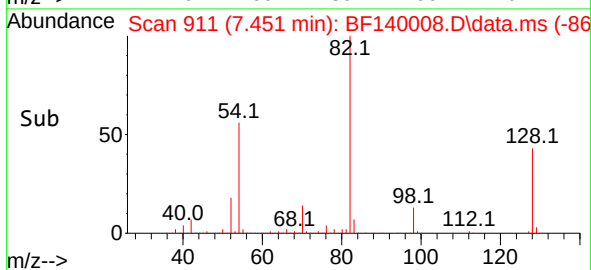
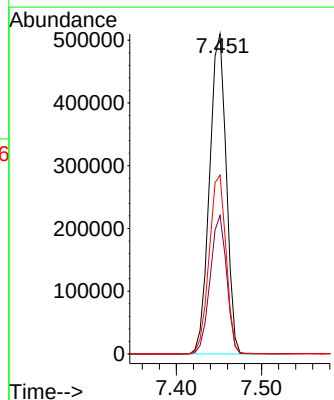
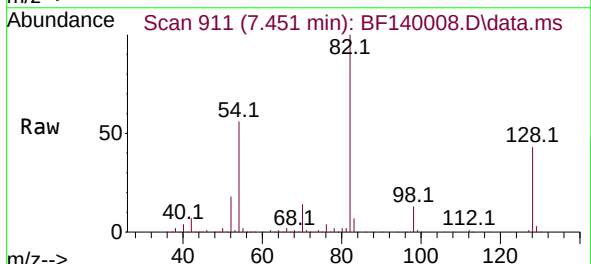
Instrument :
BNA_F
ClientSampleId :
TP-1

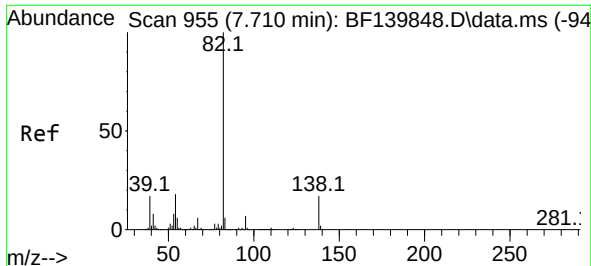
Tgt Ion:136 Resp: 456532
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.526 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 82 Resp: 696254
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.0
54 55.9 47.8 71.8

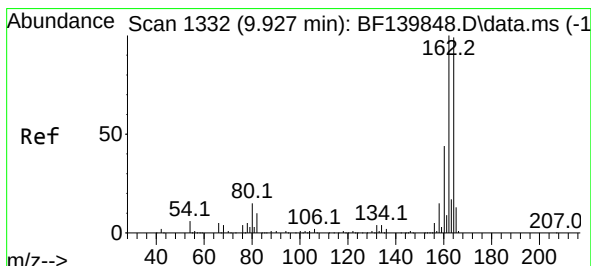
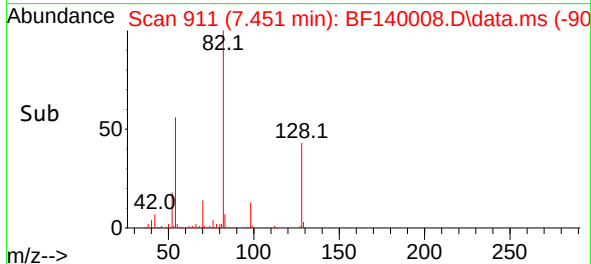
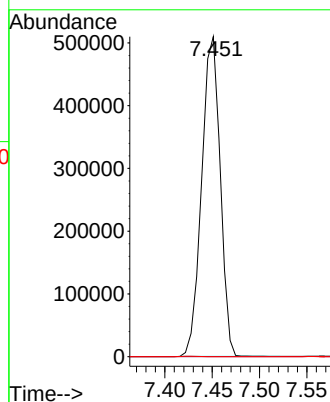
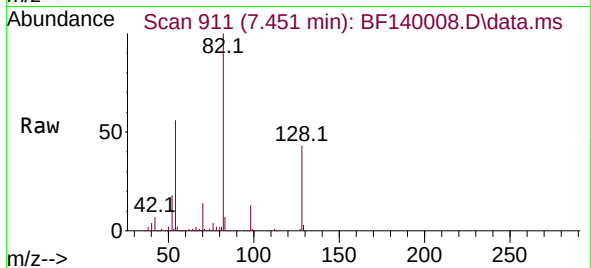




#25
Isophorone
Concen: 44.301 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

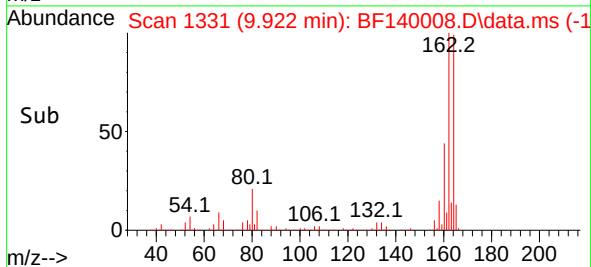
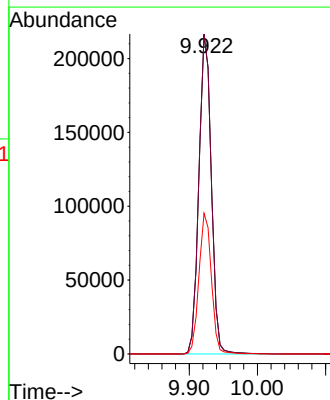
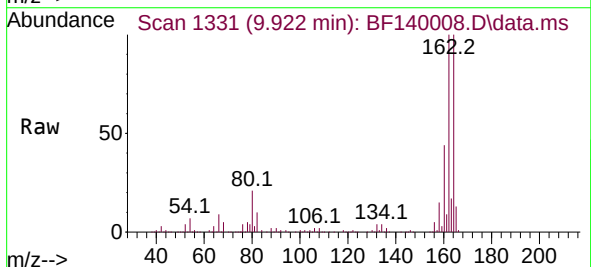
Instrument :
BNA_F
ClientSampleId :
TP-1

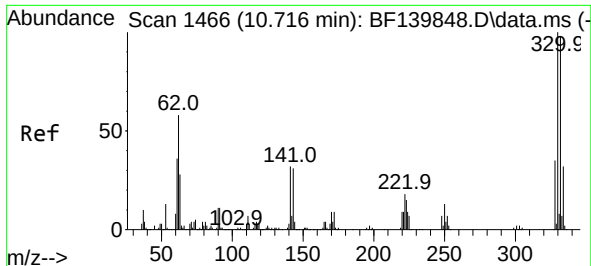
Tgt Ion: 82 Resp: 692601
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion:164 Resp: 273825
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.1 35.4 53.0

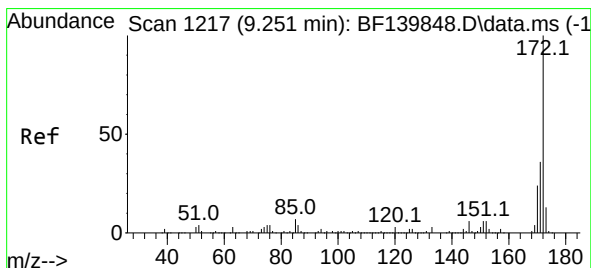
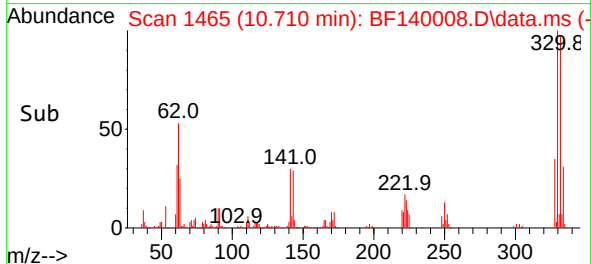
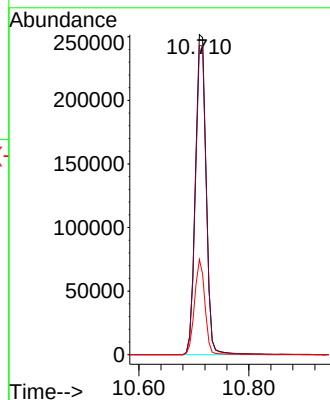
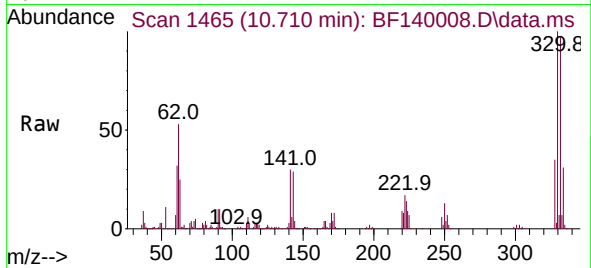




#42
2,4,6-Tribromophenol
Concen: 133.779 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

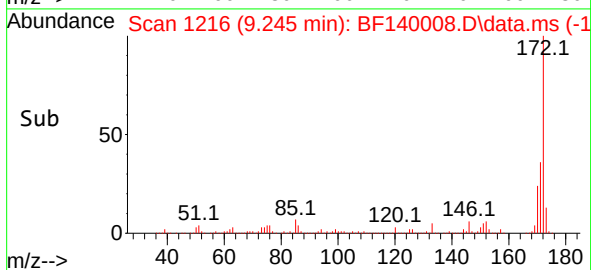
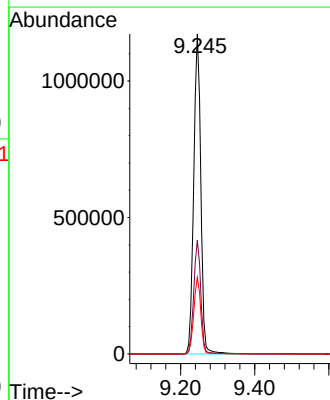
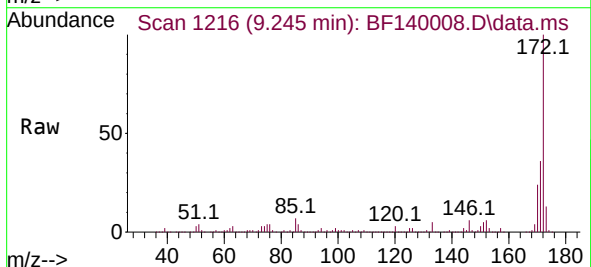
Instrument :
BNA_F
ClientSampleId :
TP-1

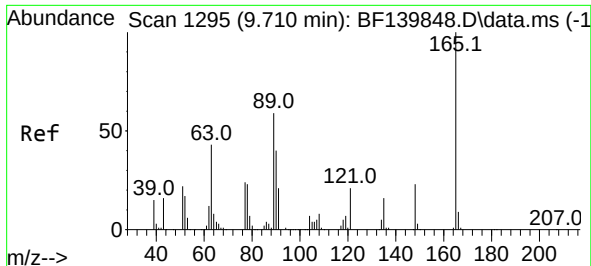
Tgt Ion:330 Resp: 342644
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 28.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 94.452 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion:172 Resp: 1564911
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.1 28.7

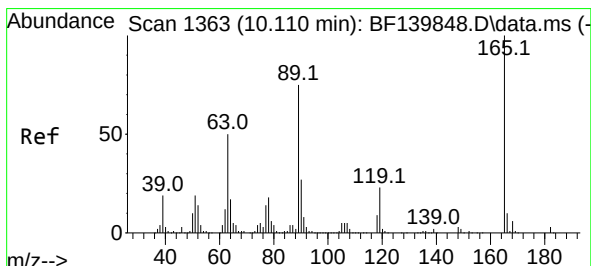
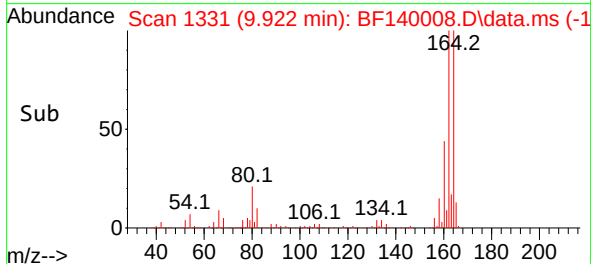
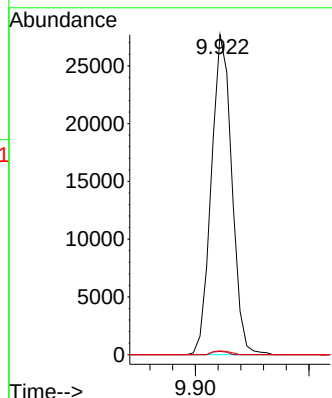
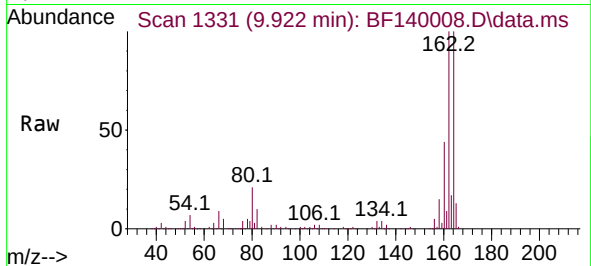




#51
2,6-Dinitrotoluene
Concen: 9.399 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

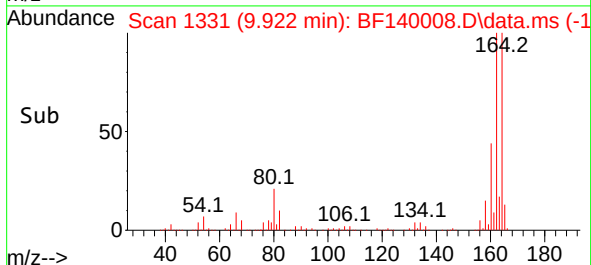
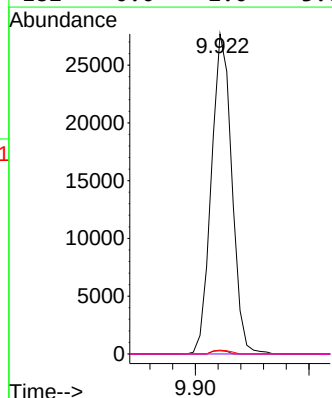
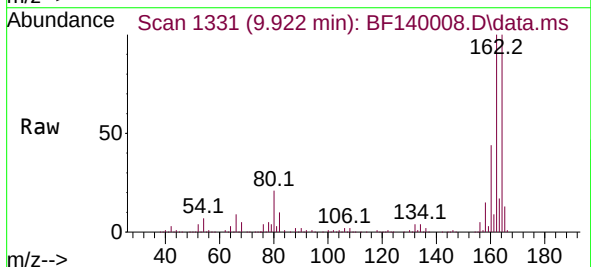
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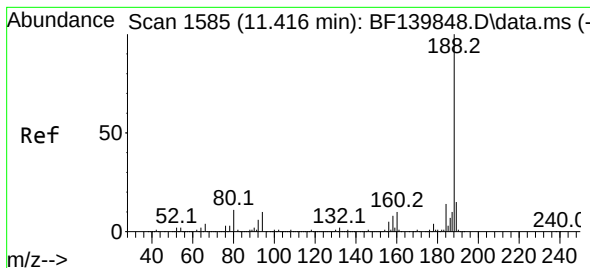
Tgt Ion:165 Resp: 34710
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.643 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140008.D
Acq: 24 Oct 2024 18:42

Tgt Ion:165 Resp: 34710
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140008.D

Acq: 24 Oct 2024 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1

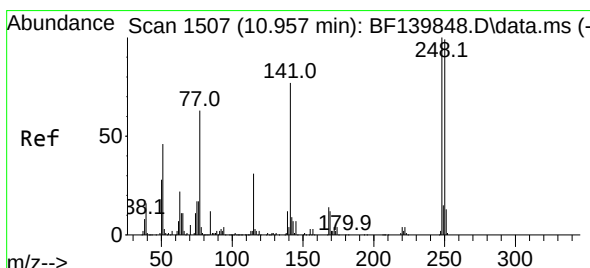
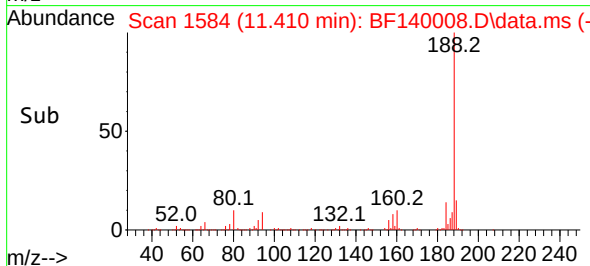
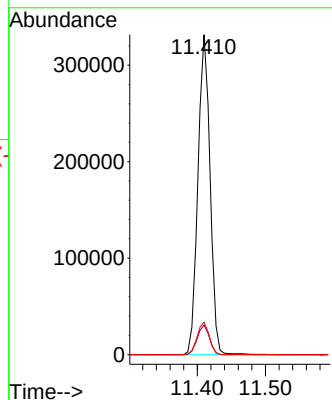
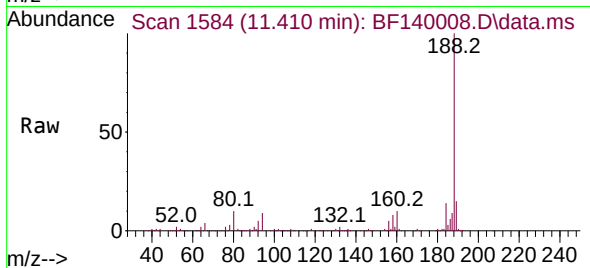
Tgt Ion:188 Resp: 408344

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.129 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140008.D

Acq: 24 Oct 2024 18:42

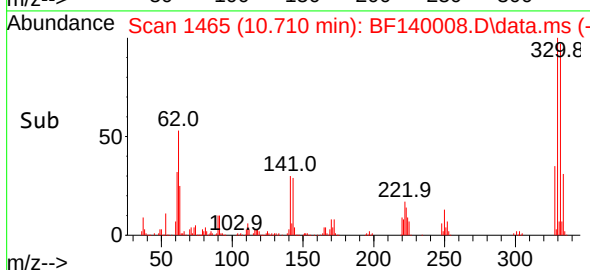
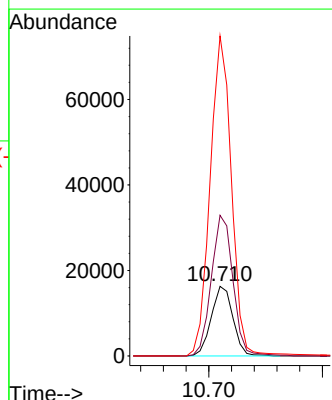
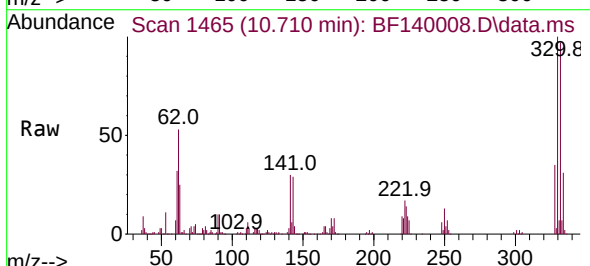
Tgt Ion:248 Resp: 21575

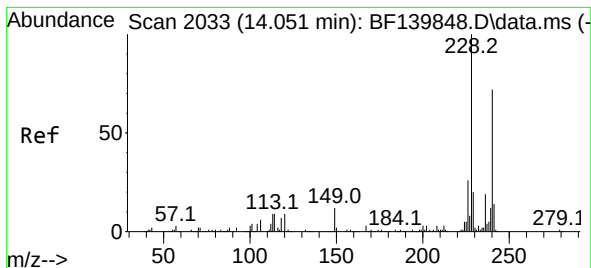
Ion Ratio Lower Upper

248 100

250 201.7 79.0 118.6#

141 459.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140008.D

Acq: 24 Oct 2024 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1

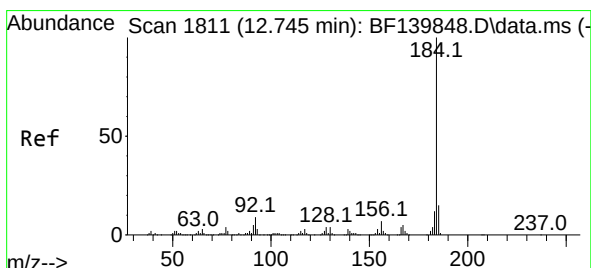
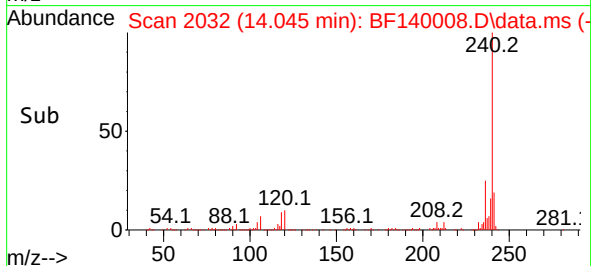
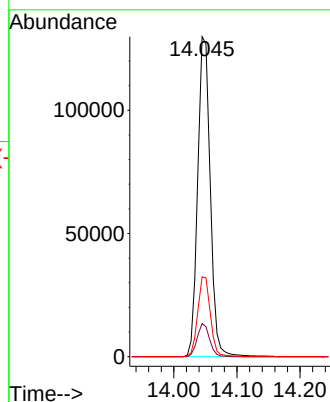
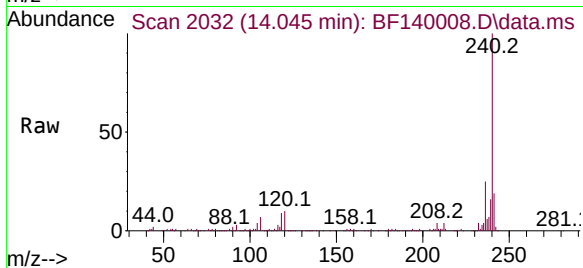
Tgt Ion:240 Resp: 179527

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 25.0 20.9 31.3



#77

Benzdine

Concen: 5.727 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140008.D

Acq: 24 Oct 2024 18:42

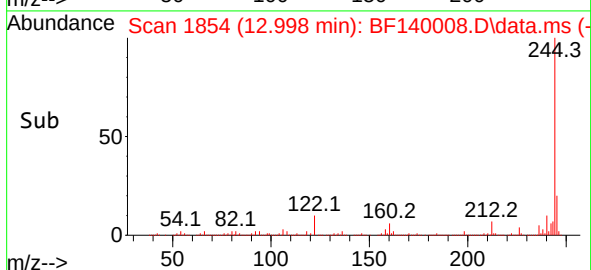
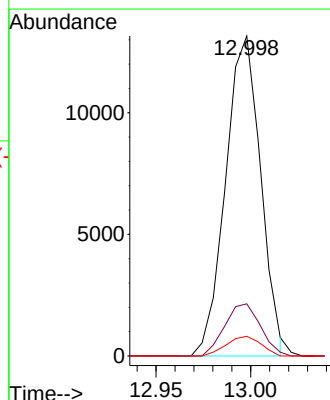
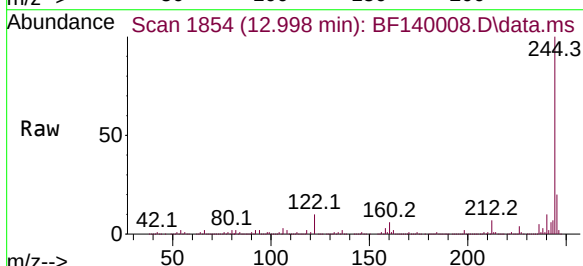
Tgt Ion:184 Resp: 16907

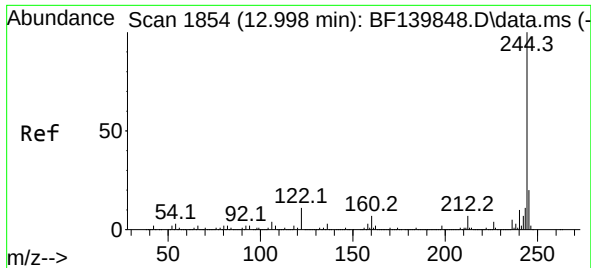
Ion Ratio Lower Upper

184 100

185 16.3 12.0 18.0

183 6.2 9.4 14.2#

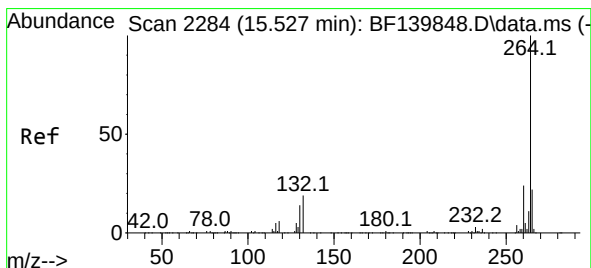
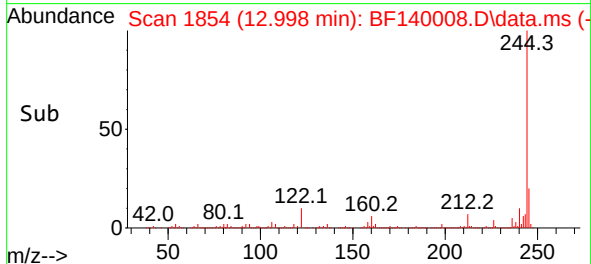
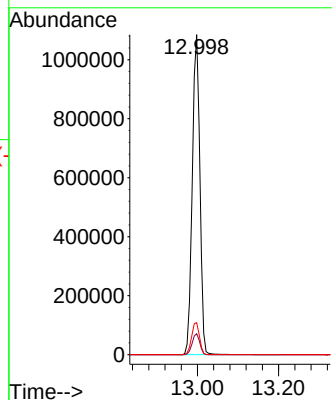
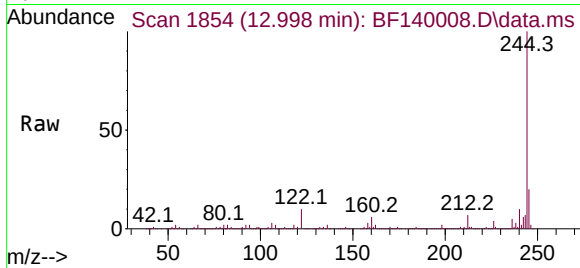




#79
 Terphenyl-d14
 Concen: 127.600 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140008.D
 Acq: 24 Oct 2024 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1405824
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140008.D
 Acq: 24 Oct 2024 18:42

Tgt Ion:264 Resp: 205678
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.5 17.4 26.0

