

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140149.D
 Acq On : 30 Oct 2024 08:34
 Operator : RC/JU
 Sample : P4598-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F11

Quant Time: Oct 30 09:01:48 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)

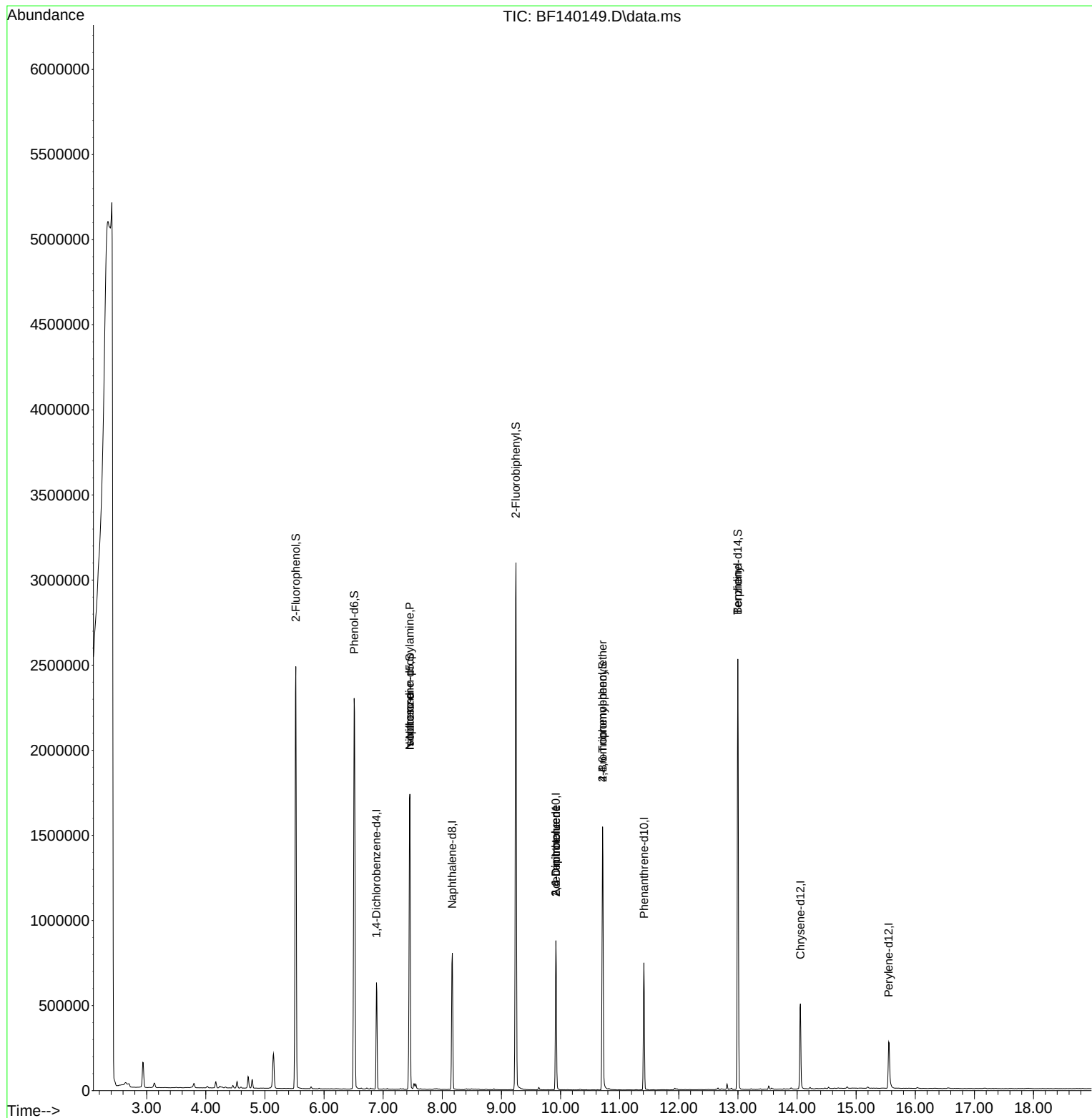
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124574	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	494009	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262396	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385761	20.000	ng	0.00
76) Chrysene-d12	14.057	240	253211	20.000	ng	0.00
86) Perylene-d12	15.551	264	188588	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	967852	121.627	ng	0.02
7) Phenol-d6	6.510	99	1172117	113.729	ng	0.00
23) Nitrobenzene-d5	7.451	82	836125	93.806	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	270473	110.201	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1458343	91.854	ng	0.00
79) Terphenyl-d14	12.998	244	1256954	80.888	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	114483	18.315	ng	# 76
25) Isophorone	7.451	82	831009	49.121	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33908	9.582	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33908	7.792	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	17288	4.350	ng	# 1
77) Benzidine	12.998	184	16232	3.899	ng	# 92

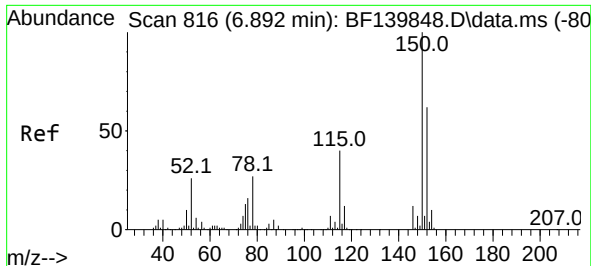
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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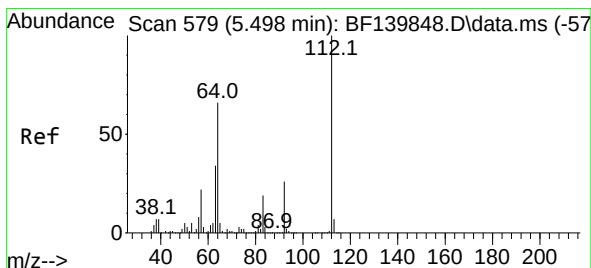
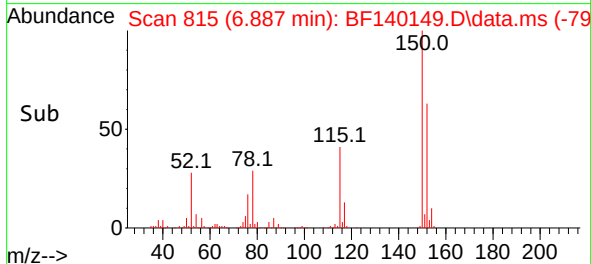
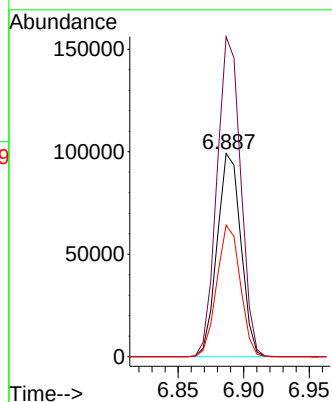
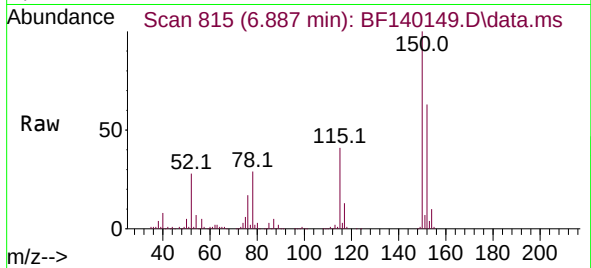




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

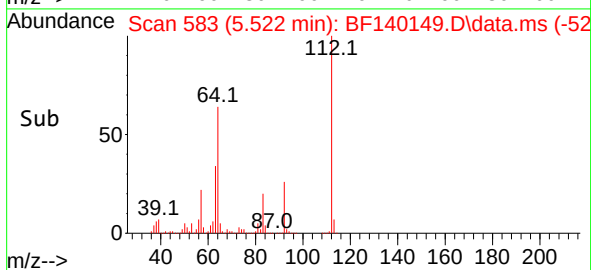
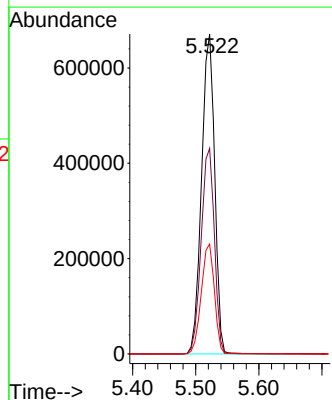
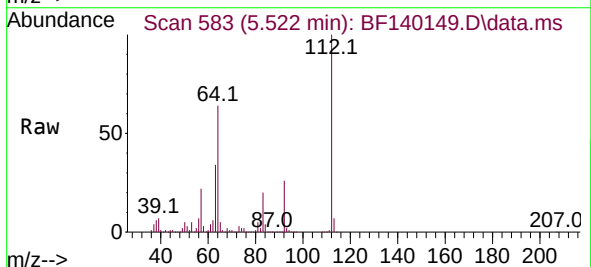
Instrument :
BNA_F
ClientSampleId :
BP-F11

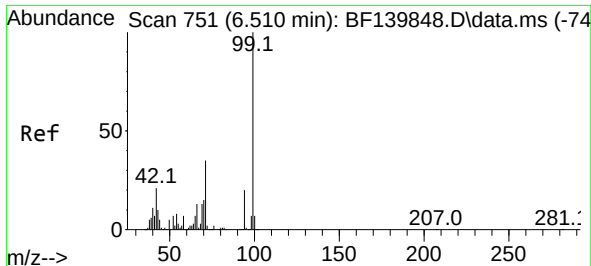
Tgt Ion:152 Resp: 124574
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 121.627 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:112 Resp: 967852
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 34.4 27.0 40.4



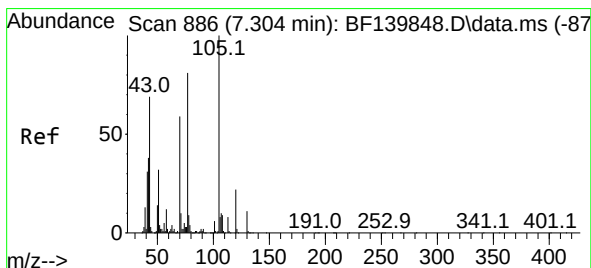
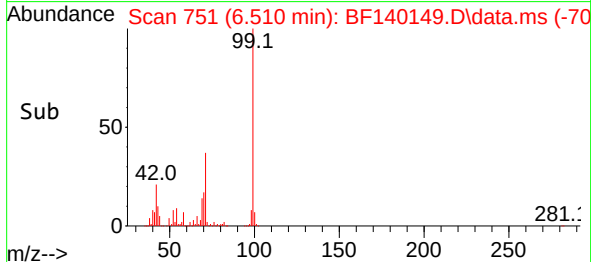
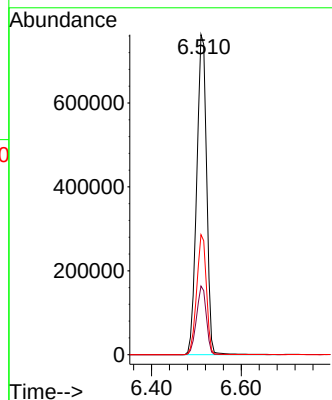
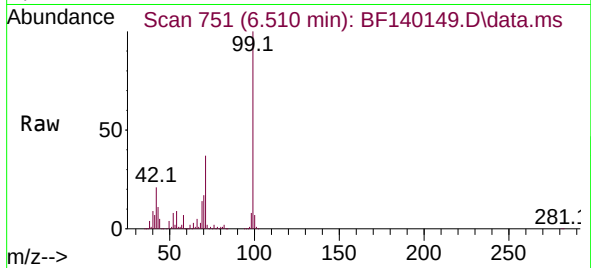


#7
Phenol-d6
Concen: 113.729 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion: 99 Resp: 1172117

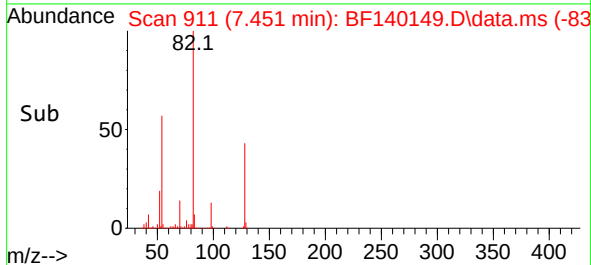
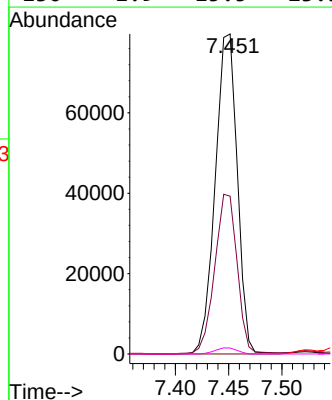
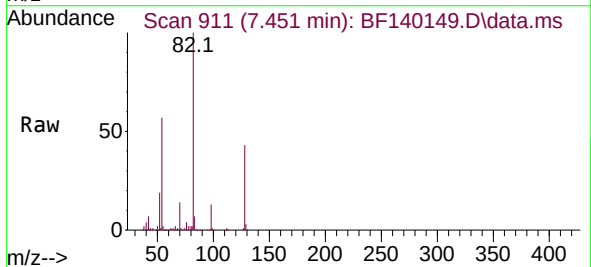
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.7	25.1
71	37.5	27.7	41.5

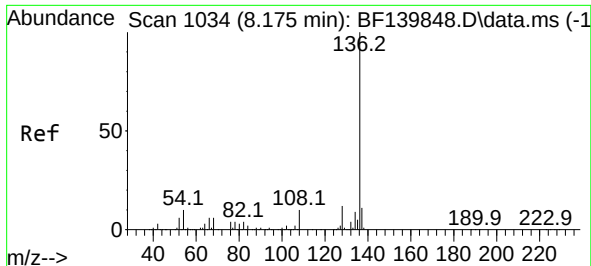


#19
n-Nitroso-di-n-propylamine
Concen: 18.315 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion: 70 Resp: 114483

Ion	Ratio	Lower	Upper
70	100		
42	49.3	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



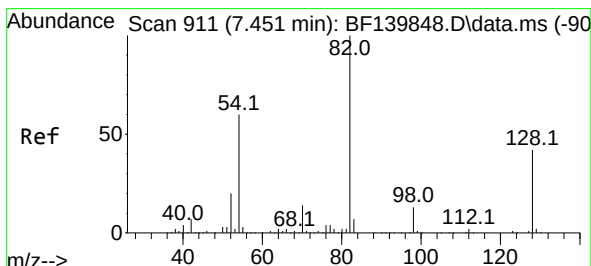
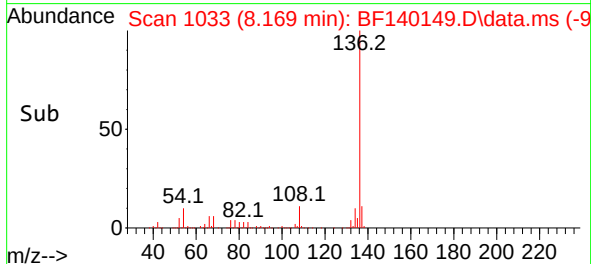
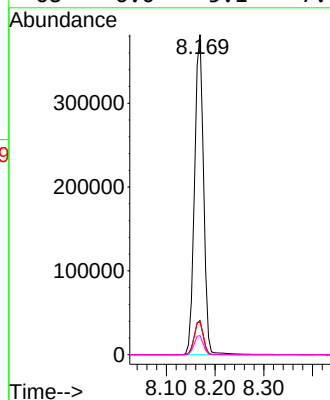
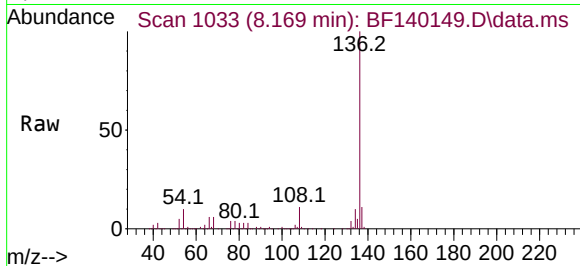


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion:136 Resp: 494009

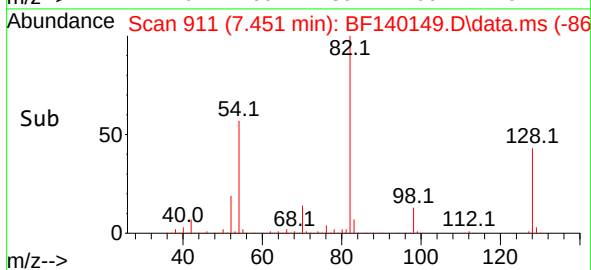
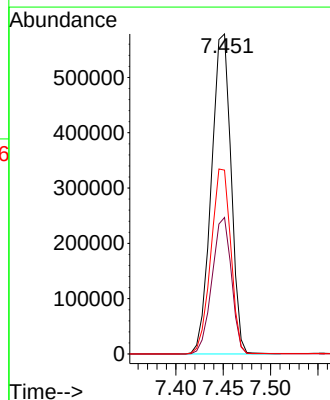
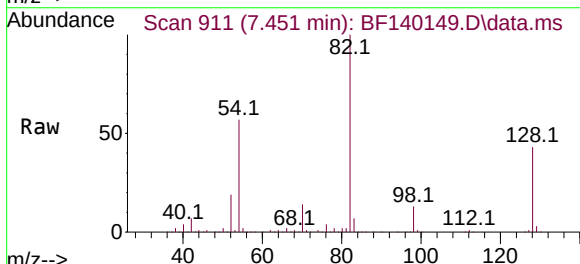
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.2	8.4	12.6
68	6.0	5.1	7.7

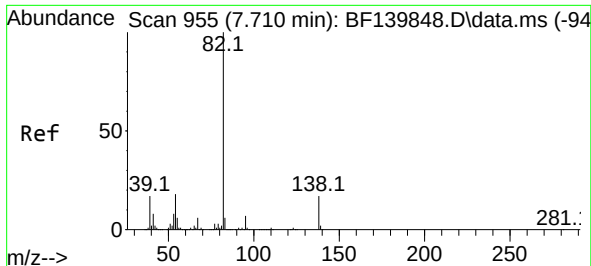


#23
Nitrobenzene-d5
Concen: 93.806 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion: 82 Resp: 836125

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.4	47.8	71.8

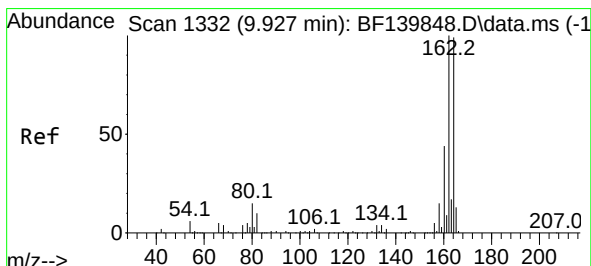
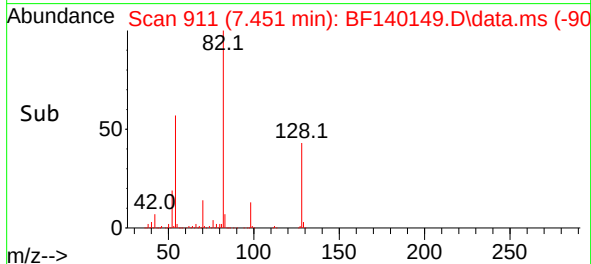
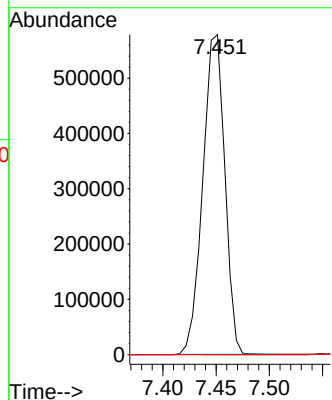
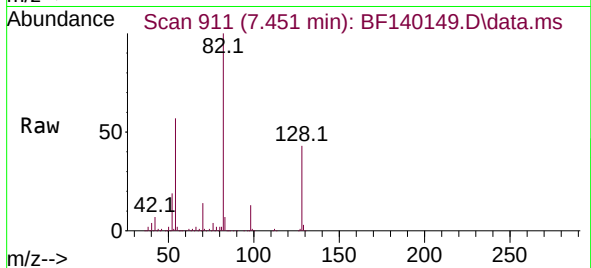




#25
Isophorone
Concen: 49.121 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

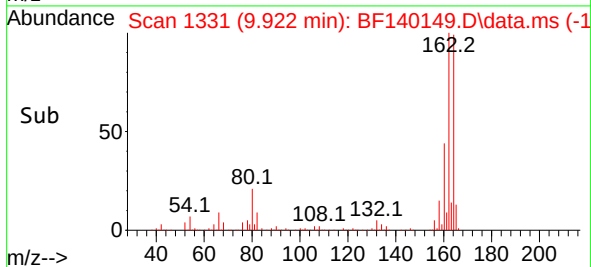
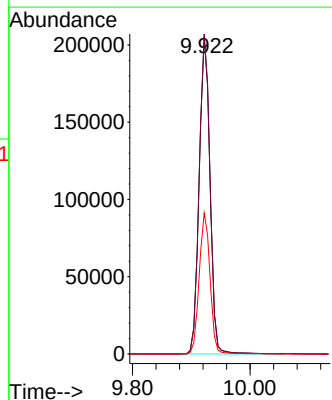
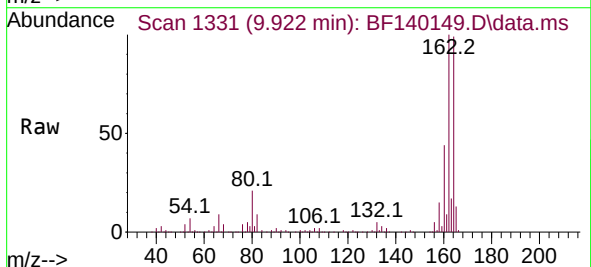
Instrument :
BNA_F
ClientSampleId :
BP-F11

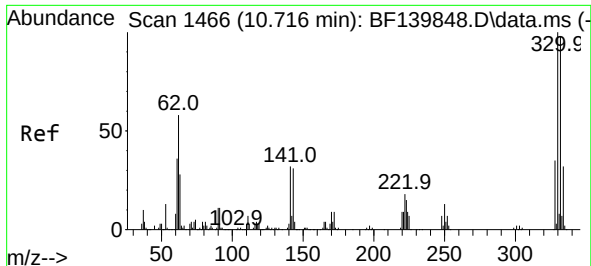
Tgt Ion: 82 Resp: 831009
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:164 Resp: 262396
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 110.201 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140149.D

Acq: 30 Oct 2024 08:34

Instrument :

BNA_F

ClientSampleId :

BP-F11

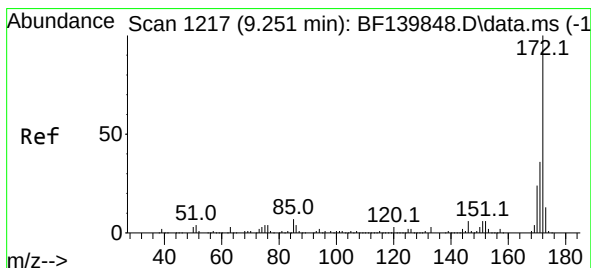
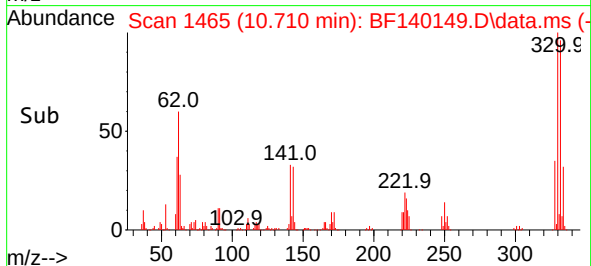
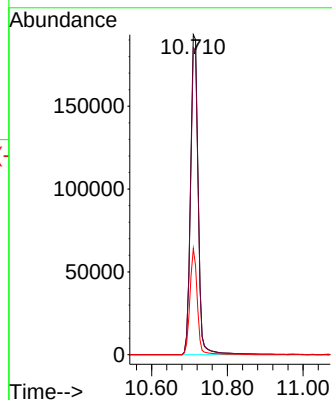
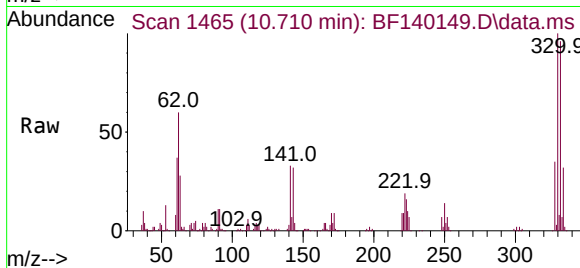
Tgt Ion:330 Resp: 270473

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 31.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 91.854 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140149.D

Acq: 30 Oct 2024 08:34

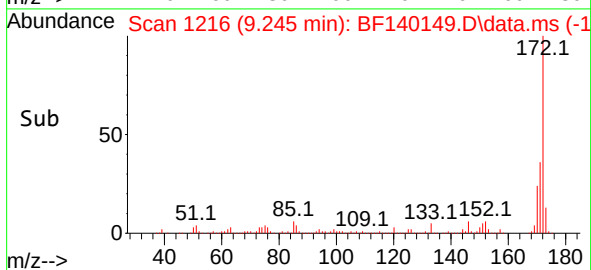
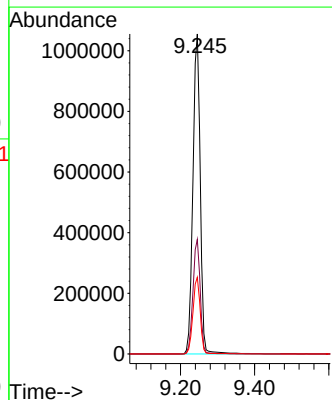
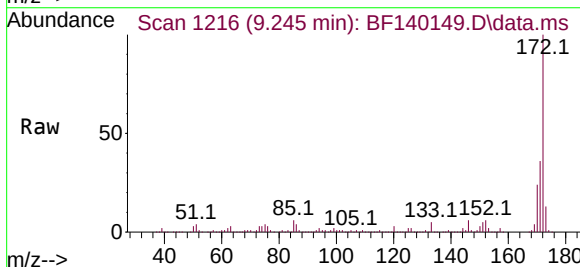
Tgt Ion:172 Resp: 1458343

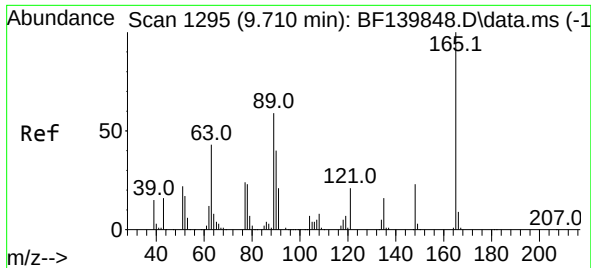
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.0 19.1 28.7

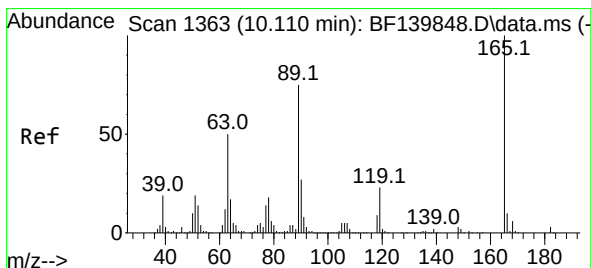
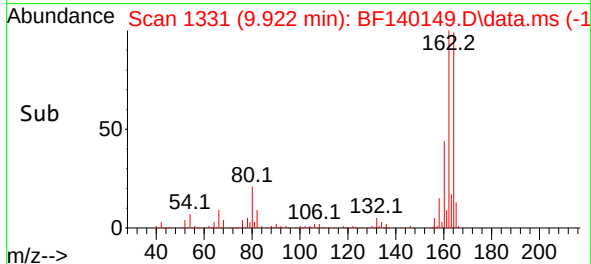
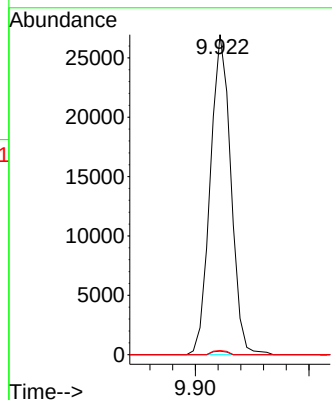
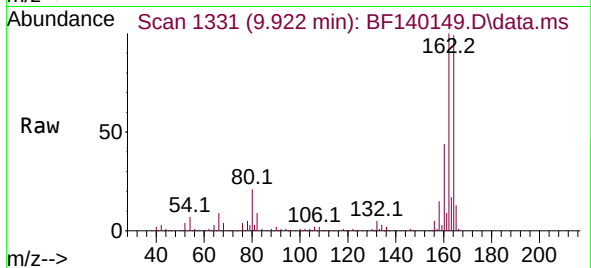




#51
2,6-Dinitrotoluene
Concen: 9.582 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

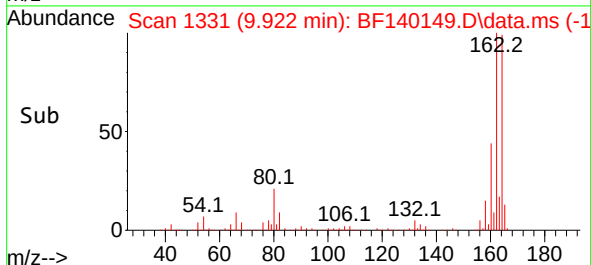
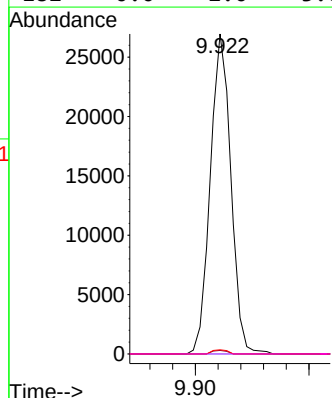
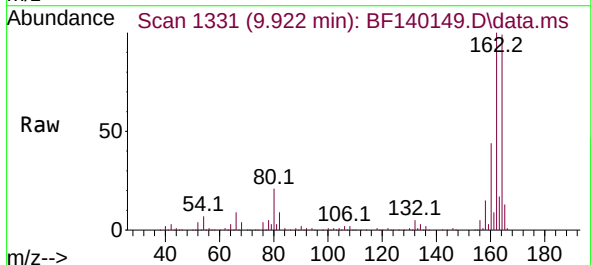
Instrument :
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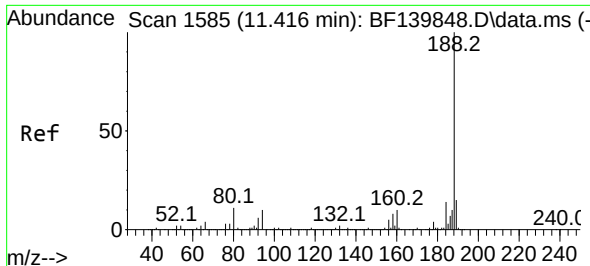
Tgt Ion:165 Resp: 33908
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.792 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:165 Resp: 33908
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#

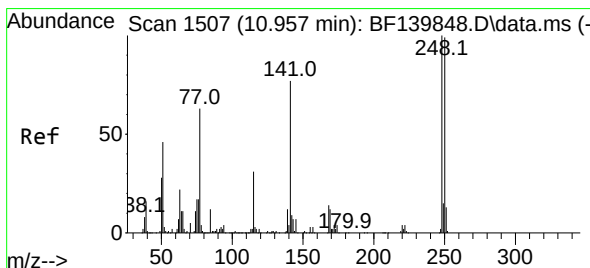
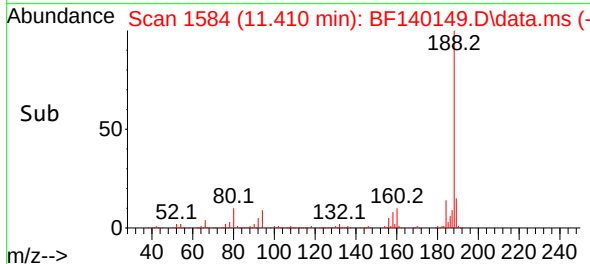
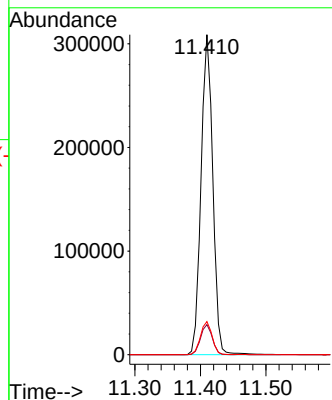
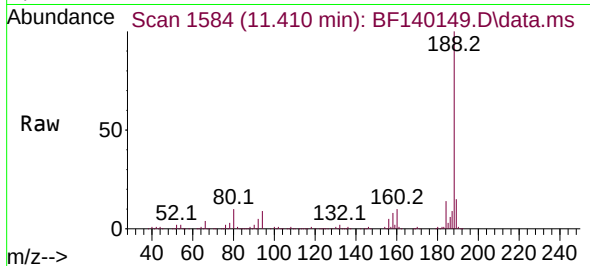




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

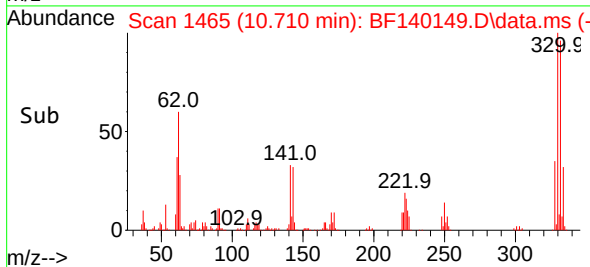
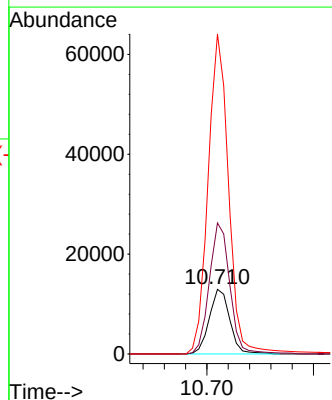
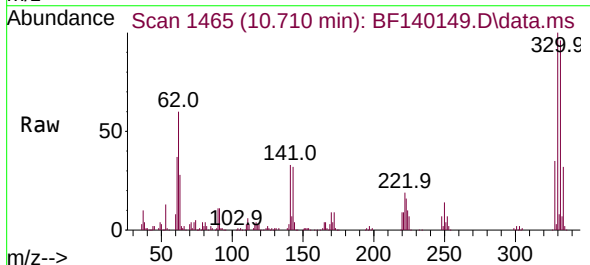
Instrument :
BNA_F
ClientSampleId :
BP-F11

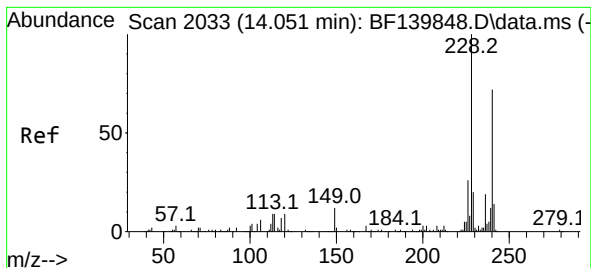
Tgt Ion:188 Resp: 385761
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:248 Resp: 17288
Ion Ratio Lower Upper
248 100
250 202.6 79.0 118.6#
141 494.8 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140149.D

Acq: 30 Oct 2024 08:34

Instrument :

BNA_F

ClientSampleId :

BP-F11

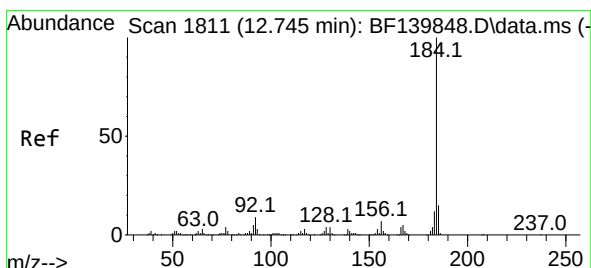
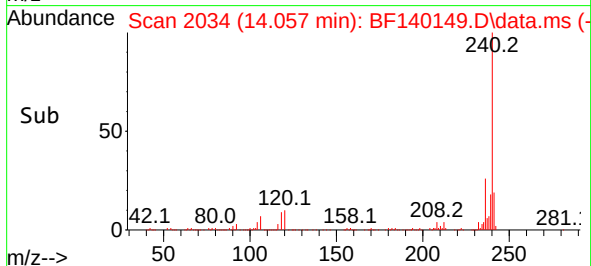
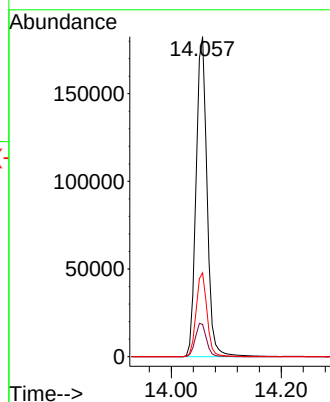
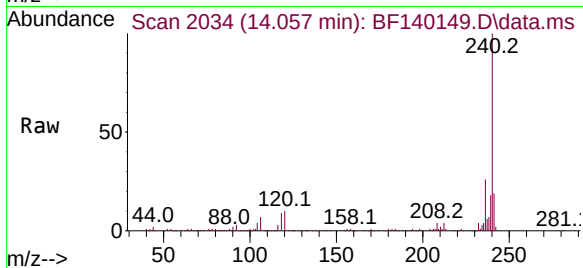
Tgt Ion:240 Resp: 253211

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 26.2 20.9 31.3



#77

Benzidine

Concen: 3.899 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140149.D

Acq: 30 Oct 2024 08:34

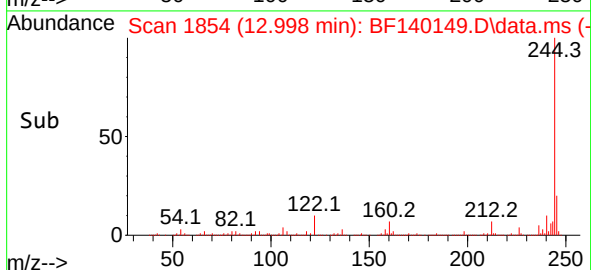
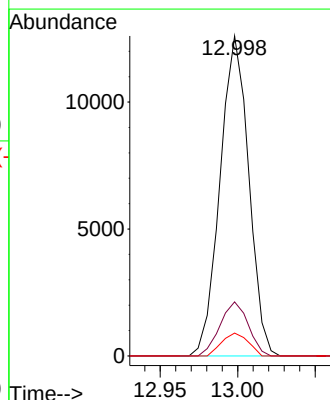
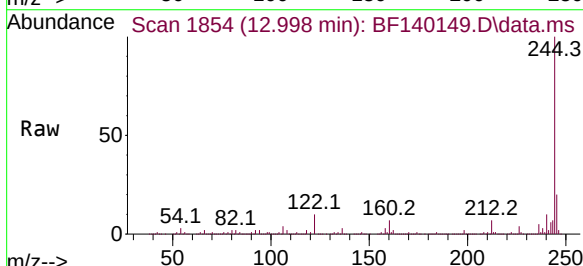
Tgt Ion:184 Resp: 16232

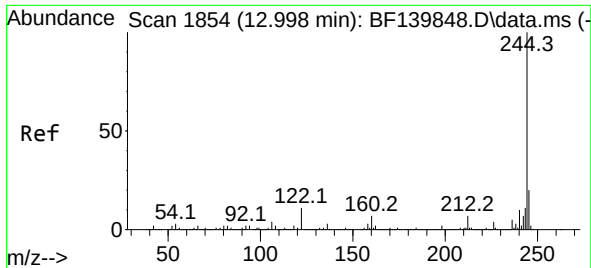
Ion Ratio Lower Upper

184 100

185 16.9 12.0 18.0

183 7.2 9.4 14.2#

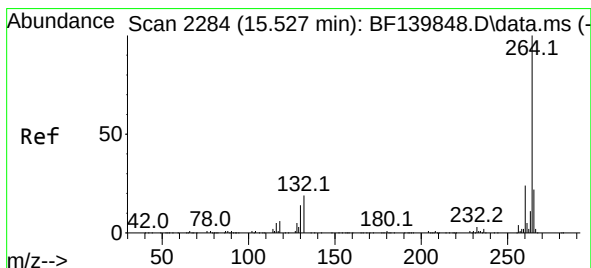
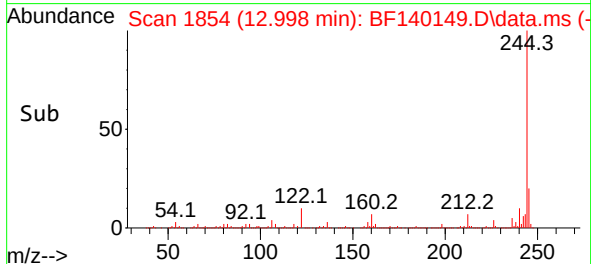
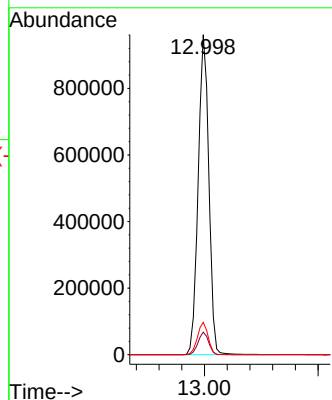
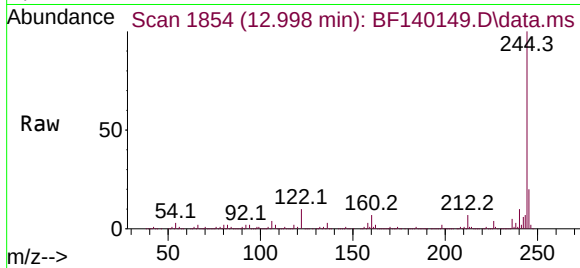




#79
 Terphenyl-d14
 Concen: 80.888 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140149.D
 Acq: 30 Oct 2024 08:34

Instrument :
 BNA_F
 ClientSampleId :
 BP-F11

Tgt Ion:244 Resp: 1256954
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF140149.D
 Acq: 30 Oct 2024 08:34

Tgt Ion:264 Resp: 188588
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.1 17.4 26.0

