

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140461.D
 Acq On : 18 Nov 2024 18:32
 Operator : RC/JU
 Sample : P4848-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 19 00:21:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

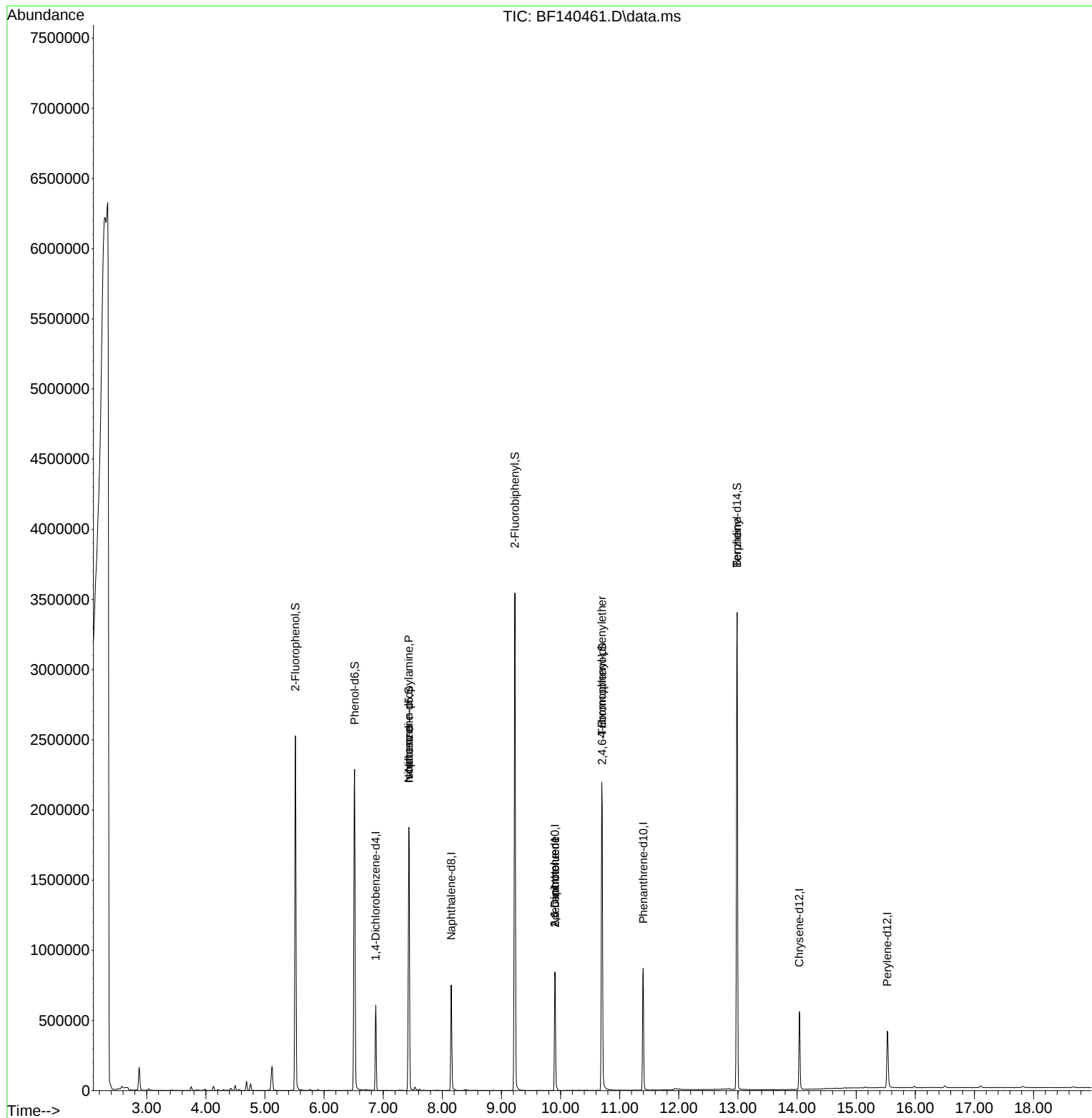
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127057	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	480634	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	263642	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	472075	20.000	ng	0.00
76) Chrysene-d12	14.039	240	272758	20.000	ng	-0.01
86) Perylene-d12	15.527	264	259027	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	968819	130.189	ng	0.02
7) Phenol-d6	6.516	99	1174889	116.531	ng	0.01
23) Nitrobenzene-d5	7.434	82	900829	97.654	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	403022	153.725	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1622714	98.944	ng	0.00
79) Terphenyl-d14	12.986	244	1728150	109.977	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	122377	20.097	ng	# 76
25) Isophorone	7.434	82	891783	54.547	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	33966	8.670	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	33966	6.588	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	25526	5.409	ng	# 1
77) Benzidine	12.986	184	23350	2.230	ng	# 94

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

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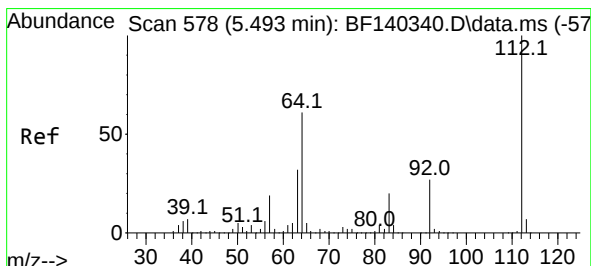
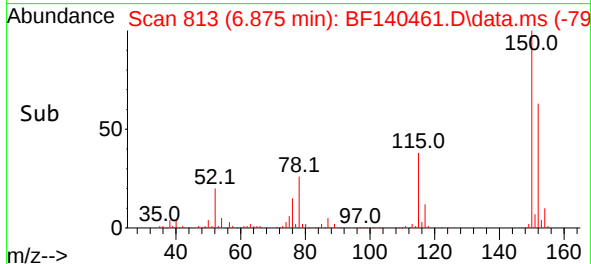
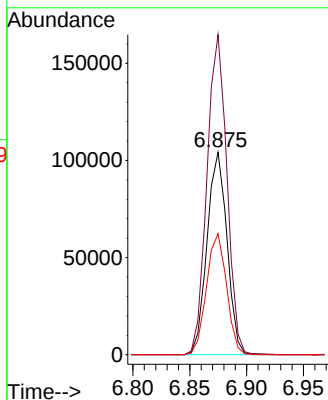
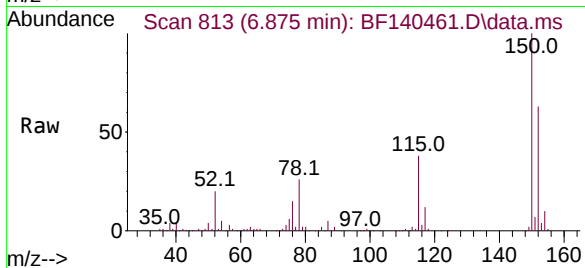




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

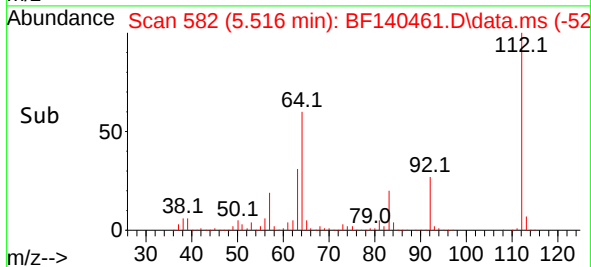
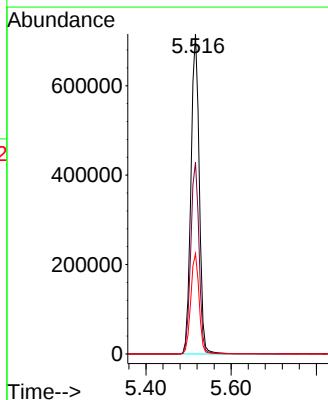
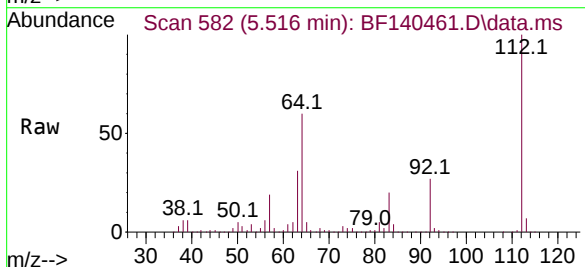
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 127057
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 59.7 47.4 71.2



#5
2-Fluorophenol
Concen: 130.189 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

Tgt Ion:112 Resp: 968819
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 31.4 25.6 38.4

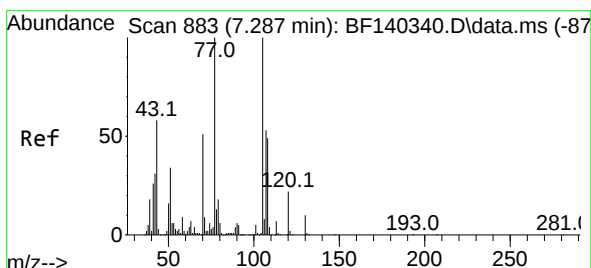
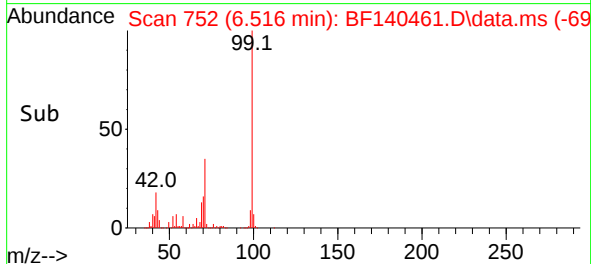
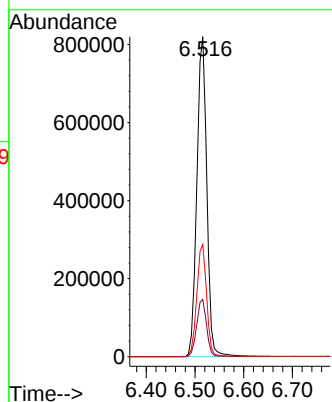
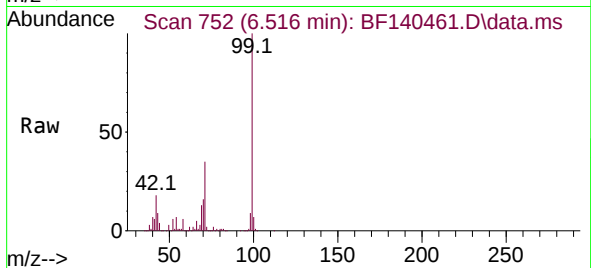




#7
Phenol-d6
Concen: 116.531 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

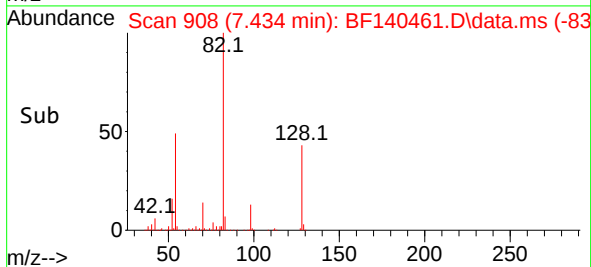
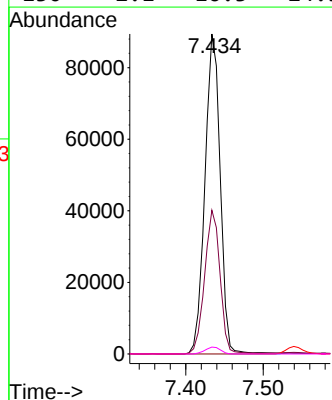
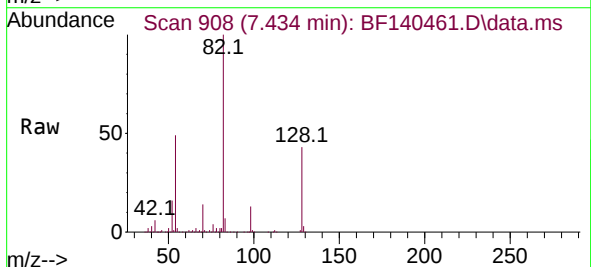
Instrument :
BNA_F
ClientSampleId :
TP-1

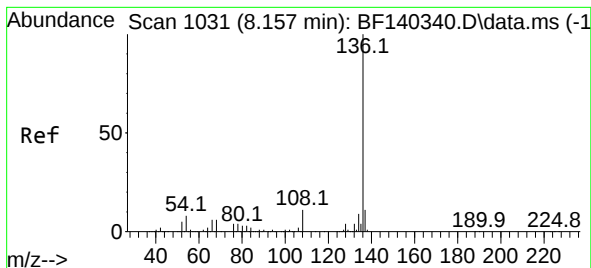
Tgt Ion: 99 Resp: 1174889
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.097 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

Tgt Ion: 70 Resp: 122377
Ion Ratio Lower Upper
70 100
42 44.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:136 Resp: 480634

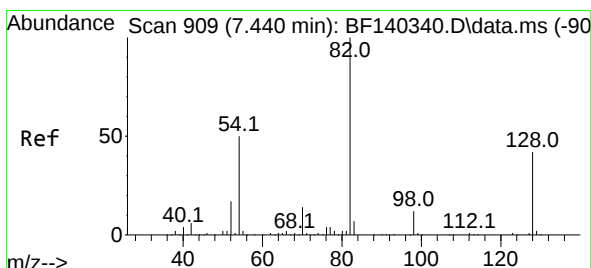
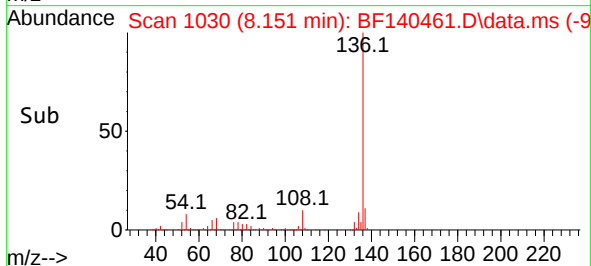
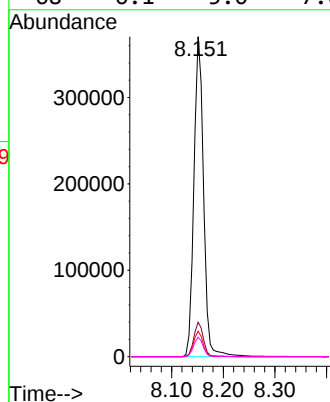
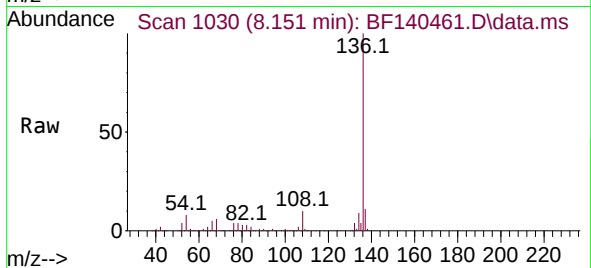
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.0 6.5 9.7

68 6.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 97.654 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

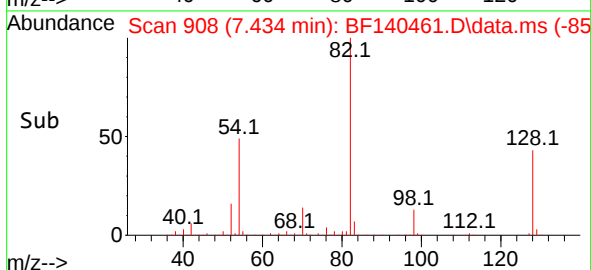
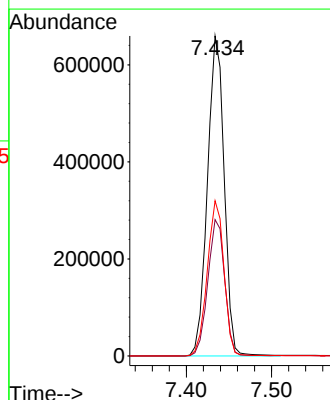
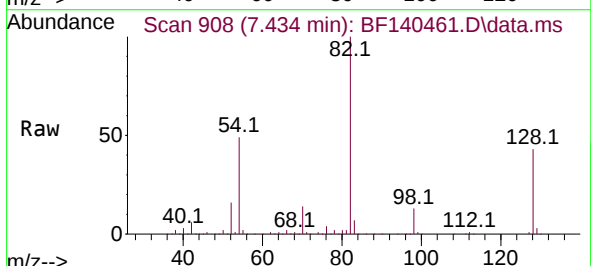
Tgt Ion: 82 Resp: 900829

Ion Ratio Lower Upper

82 100

128 42.6 33.3 49.9

54 48.5 39.8 59.8

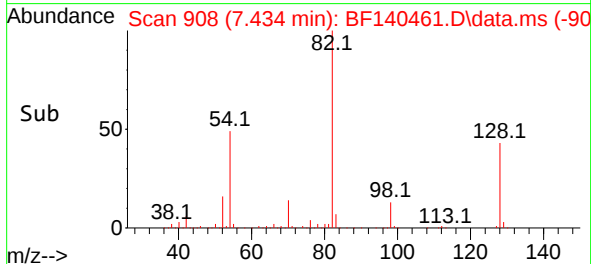
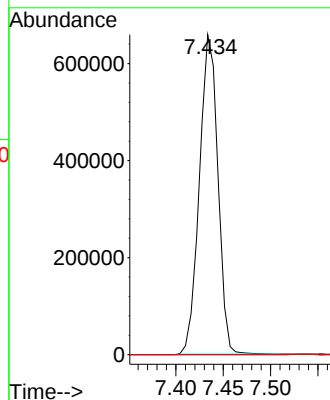
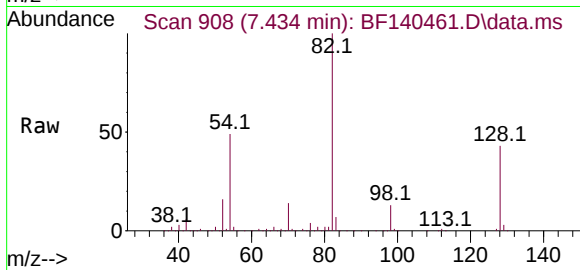




#25
Isophorone
Concen: 54.547 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

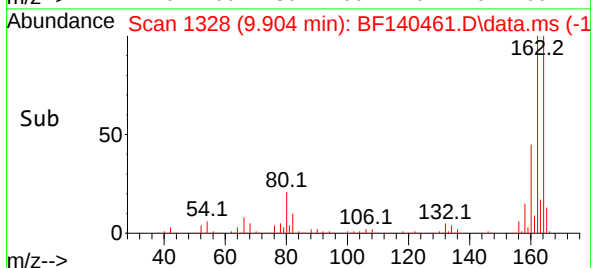
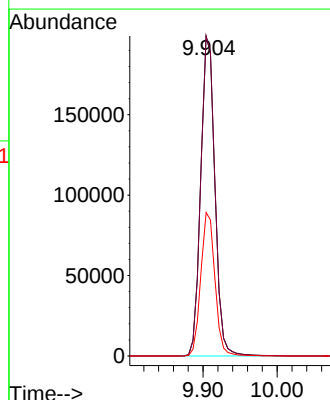
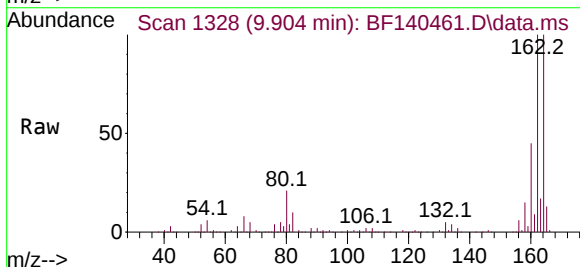
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TP-1

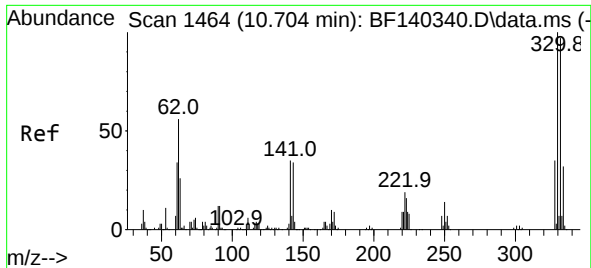
Tgt Ion: 82 Resp: 891783
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

Tgt Ion: 164 Resp: 263642
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.9 35.4 53.0

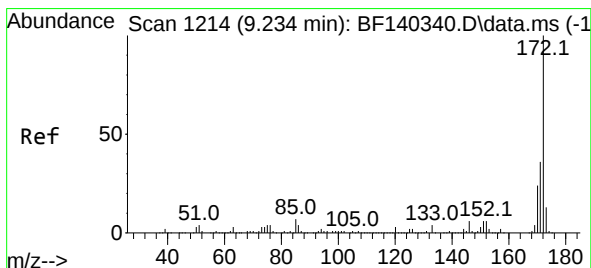
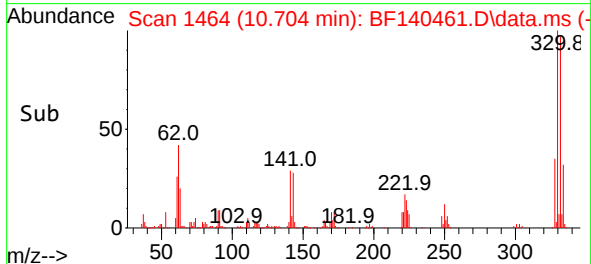
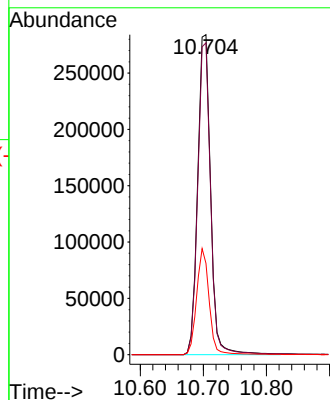
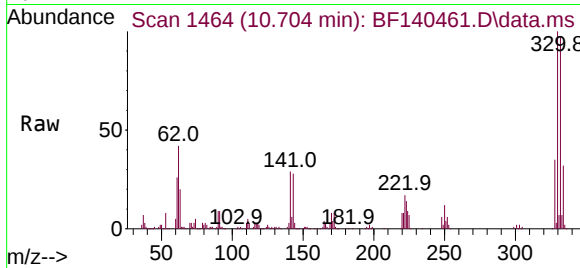




#42
2,4,6-Tribromophenol
Concen: 153.725 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

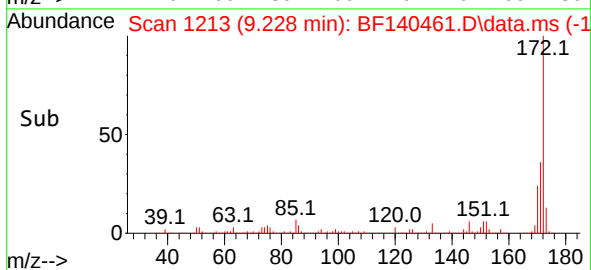
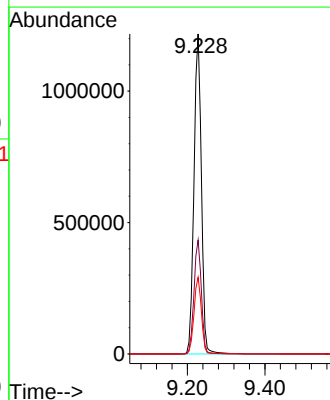
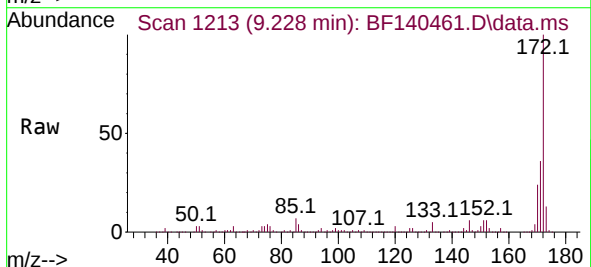
Instrument :
BNA_F
ClientSampleId :
TP-1

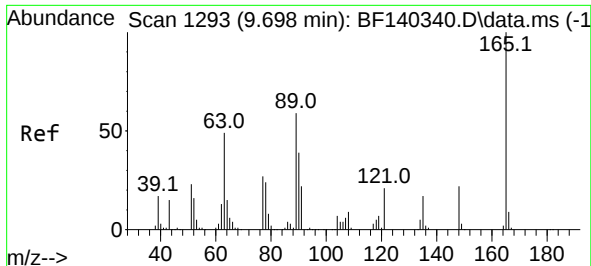
Tgt Ion: 330 Resp: 403022
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 32.2 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 98.944 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

Tgt Ion: 172 Resp: 1622714
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.670 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-1

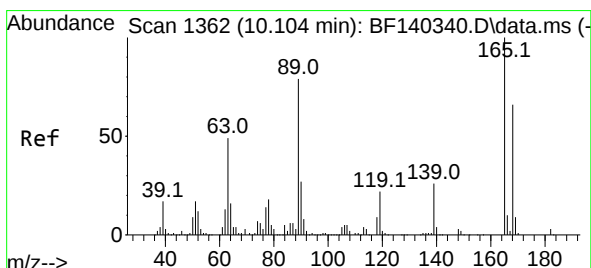
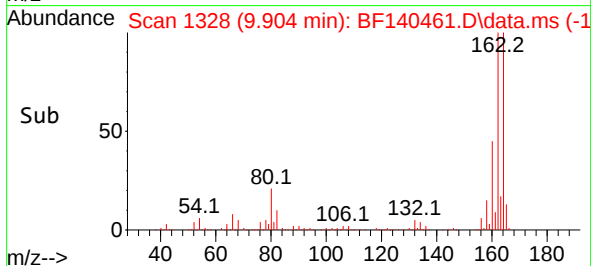
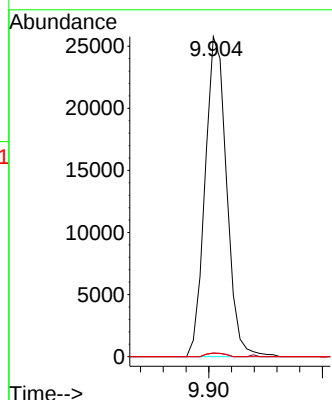
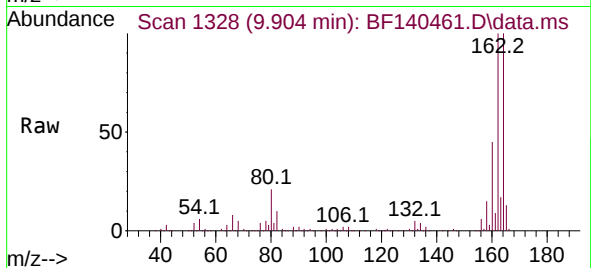
Tgt Ion:165 Resp: 33966

Ion Ratio Lower Upper

165 100

63 1.1 47.6 71.4#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.588 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

Tgt Ion:165 Resp: 33966

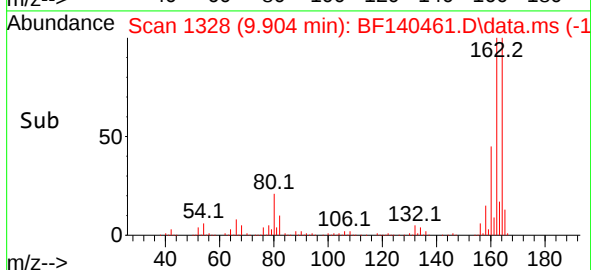
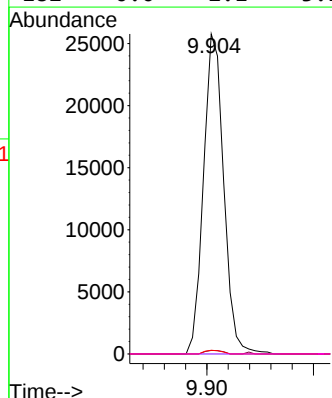
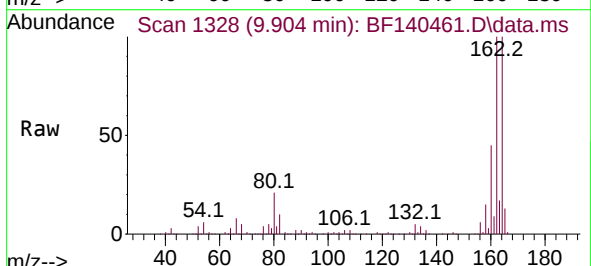
Ion Ratio Lower Upper

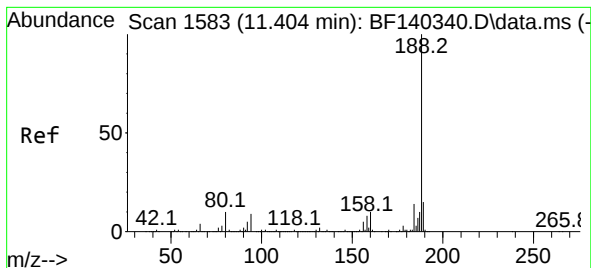
165 100

63 1.1 39.4 59.0#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

Instrument :

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ClientSampleId :

TP-1

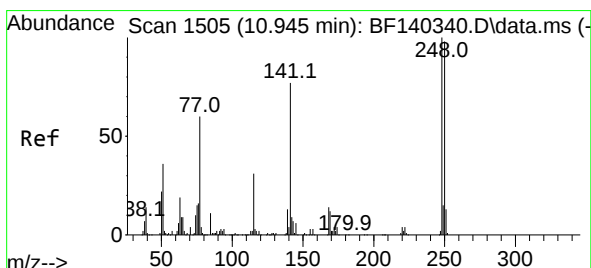
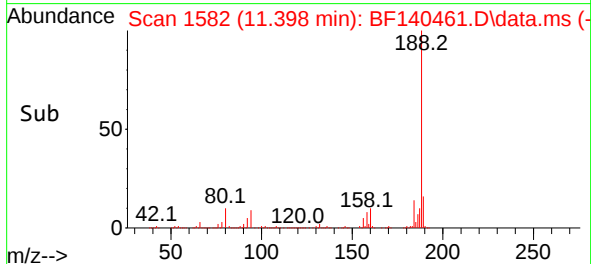
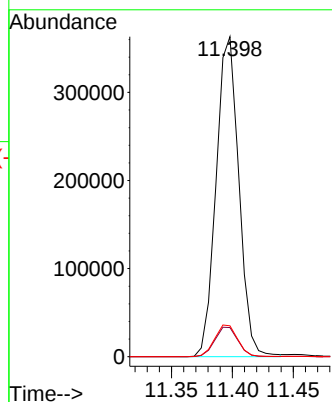
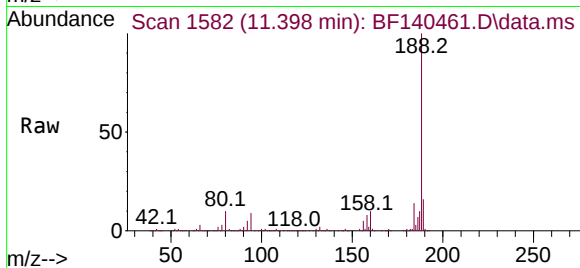
Tgt Ion:188 Resp: 472075

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.7 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.409 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140461.D

Acq: 18 Nov 2024 18:32

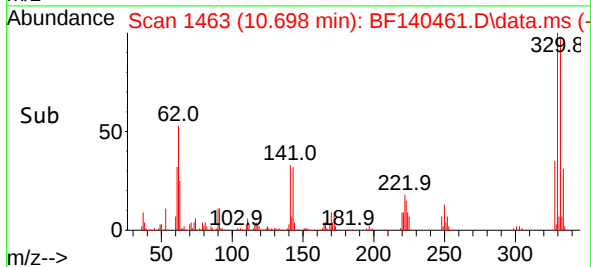
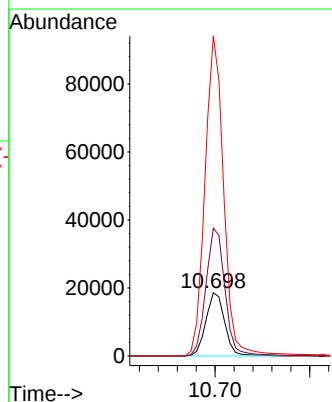
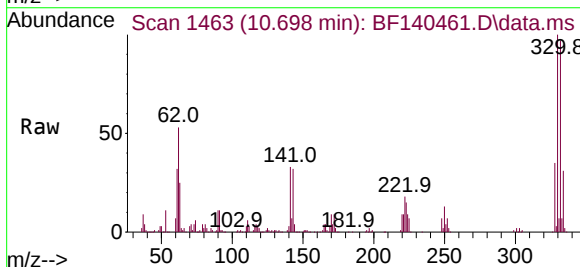
Tgt Ion:248 Resp: 25526

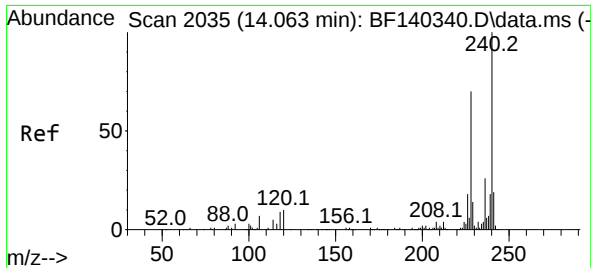
Ion Ratio Lower Upper

248 100

250 202.3 77.9 116.9#

141 506.5 61.8 92.6#

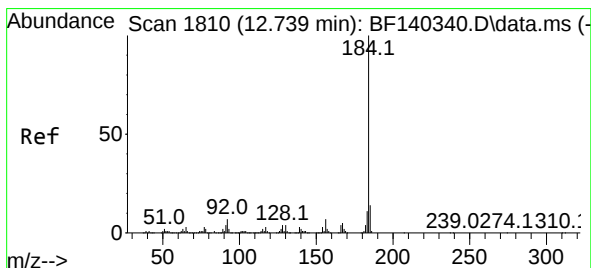
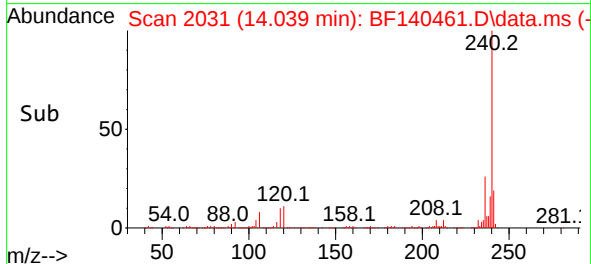
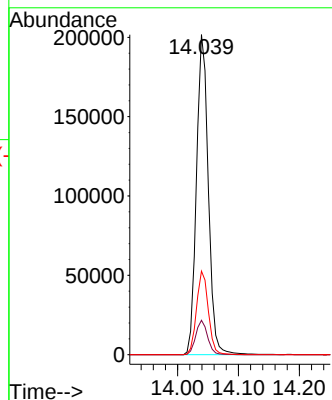
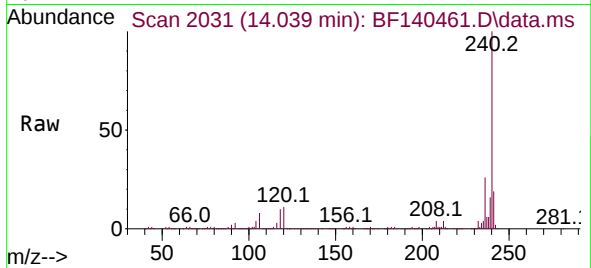




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

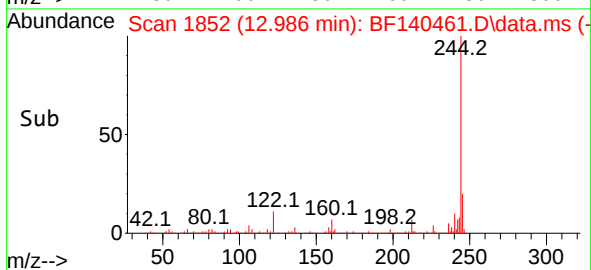
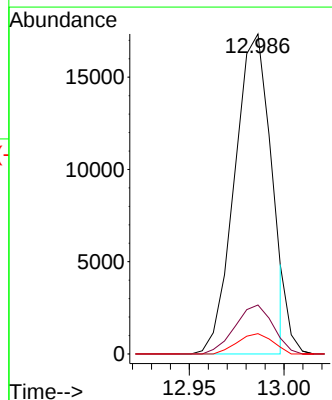
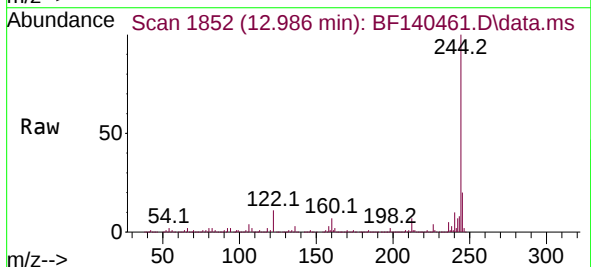
Instrument :
BNA_F
ClientSampleId :
TP-1

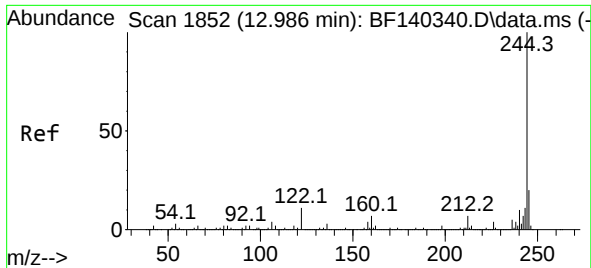
Tgt Ion:240 Resp: 272758
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.1 20.9 31.3



#77
Benzidine
Concen: 2.230 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140461.D
Acq: 18 Nov 2024 18:32

Tgt Ion:184 Resp: 23350
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.3 8.6 13.0#

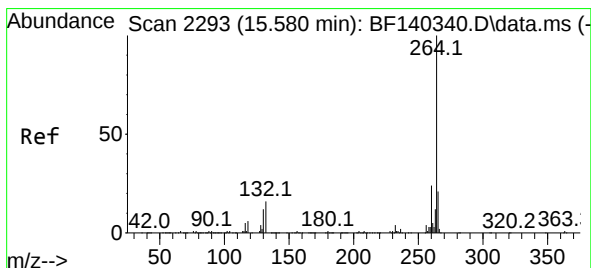
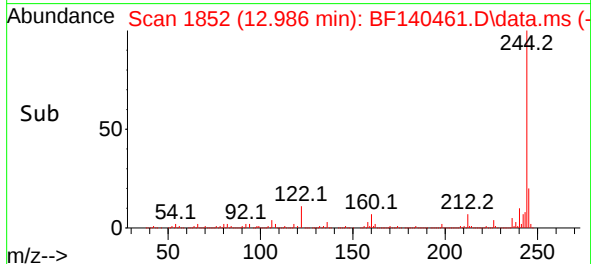
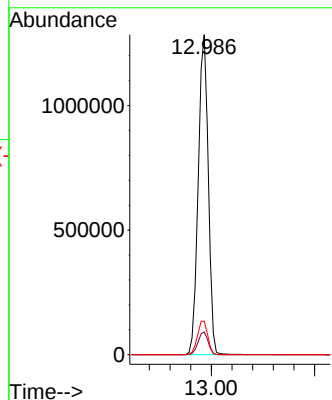
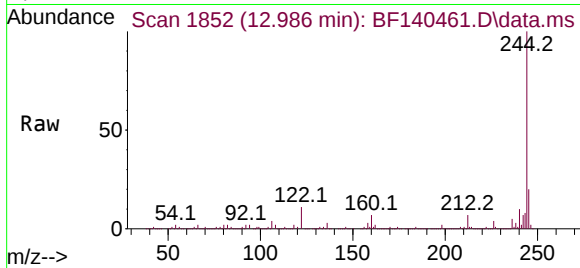




#79
 Terphenyl-d14
 Concen: 109.977 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140461.D
 Acq: 18 Nov 2024 18:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1728150
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.029 min
 Lab File: BF140461.D
 Acq: 18 Nov 2024 18:32

Tgt Ion:264 Resp: 259027
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.1 25.7

