

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140546.D
 Acq On : 21 Nov 2024 20:07
 Operator : RC/JU
 Sample : P4870-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 22 00:10:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

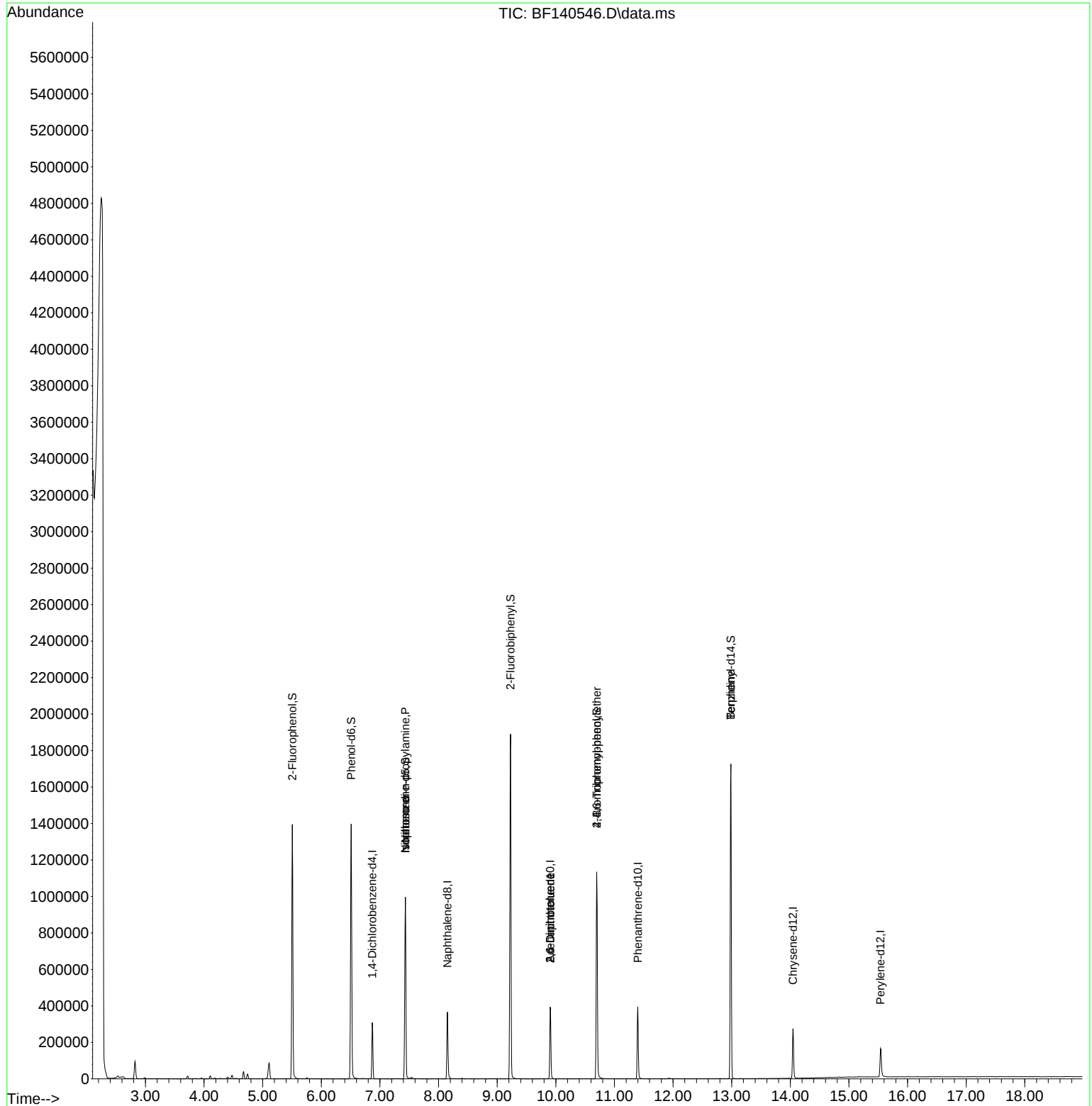
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	63790	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	235351	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	125927	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	225554	20.000	ng	0.00
76) Chrysene-d12	14.045	240	139957	20.000	ng	0.00
86) Perylene-d12	15.539	264	106966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	513288	137.291	ng	0.00
7) Phenol-d6	6.510	99	656690	132.862	ng	0.00
23) Nitrobenzene-d5	7.434	82	461960	100.401	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	196656	146.017	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	850294	100.605	ng	0.00
79) Terphenyl-d14	12.986	244	857670	95.422	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	60549	20.728	ng	# 79
25) Isophorone	7.434	82	461476	60.132	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16618	8.835	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	16618	6.648	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	12968	5.583	ng	# 1
77) Benzidine	12.986	184	12123	2.979	ng	# 93

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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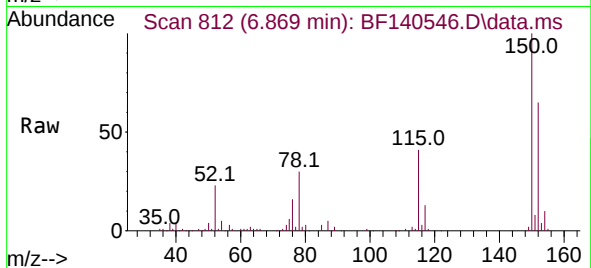
Quant Time: Nov 22 00:10:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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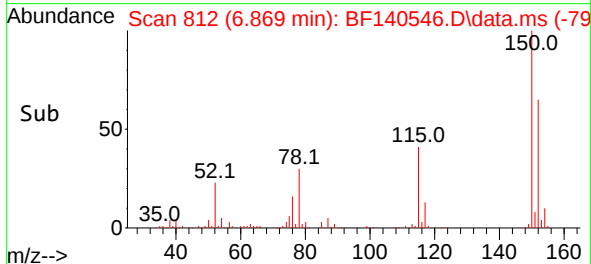
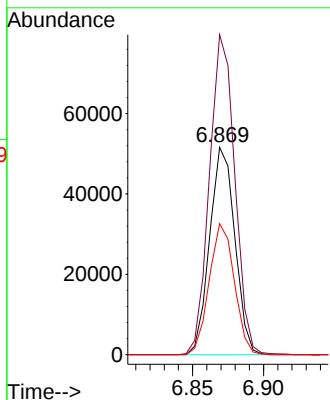


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

Instrument :
BNA_F
ClientSampleId :
TP-1

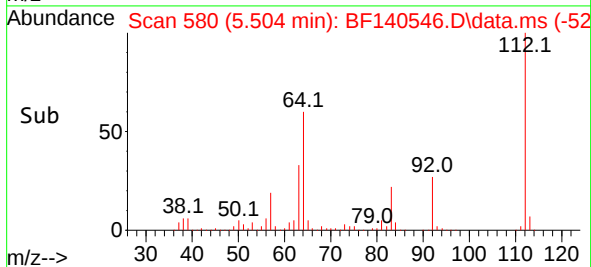
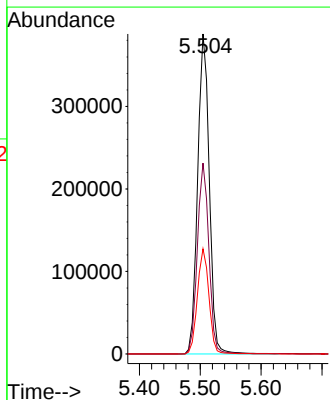
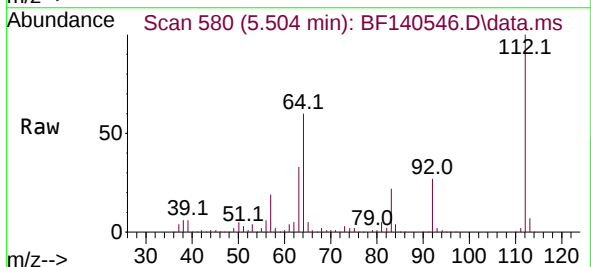


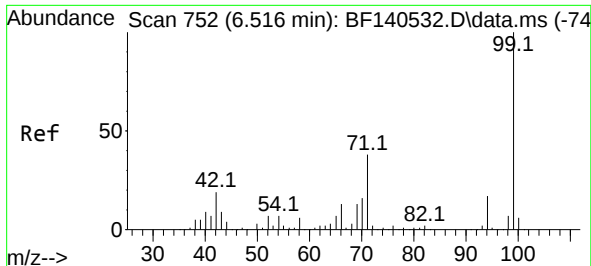
Tgt Ion:152 Resp: 63790
Ion Ratio Lower Upper
152 100
150 154.3 128.5 192.7
115 63.2 50.2 75.4



#5
2-Fluorophenol
Concen: 137.291 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

Tgt Ion:112 Resp: 513288
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.9 27.0 40.4





#7

Phenol-d6

Concen: 132.862 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1

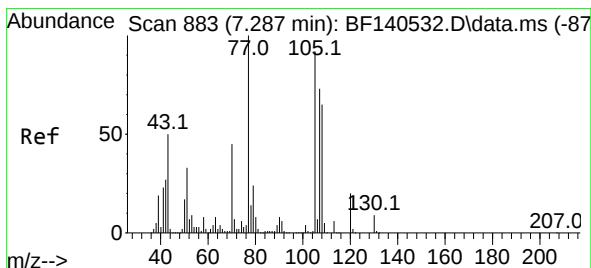
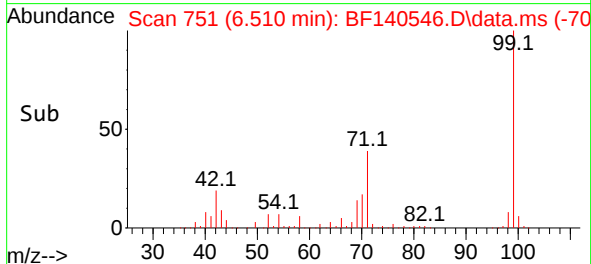
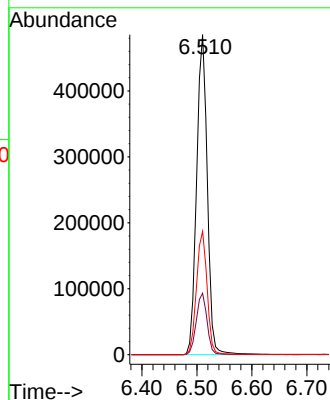
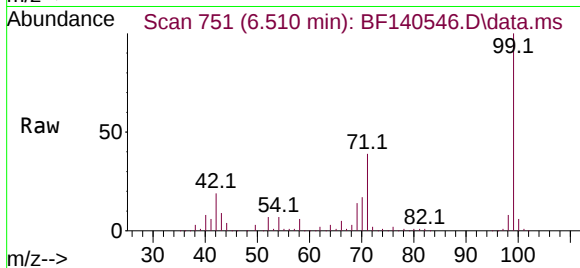
Tgt Ion: 99 Resp: 656690

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

71 38.6 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.728 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Tgt Ion: 70 Resp: 60549

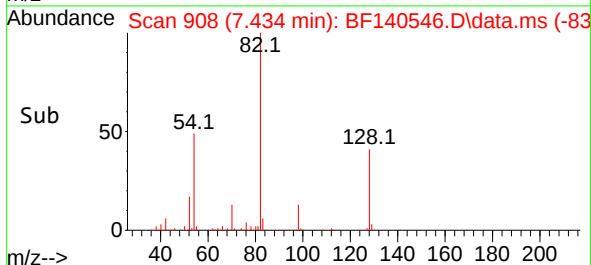
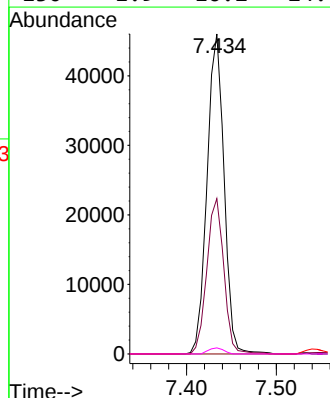
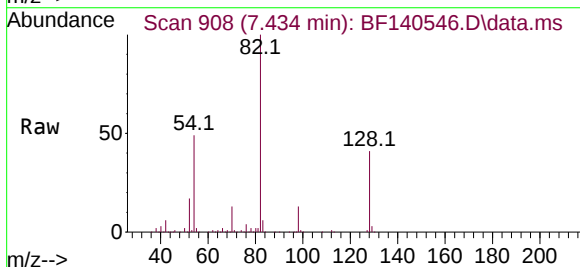
Ion Ratio Lower Upper

70 100

42 48.5 47.6 71.4

101 0.0 7.6 11.4#

130 1.9 16.2 24.4#

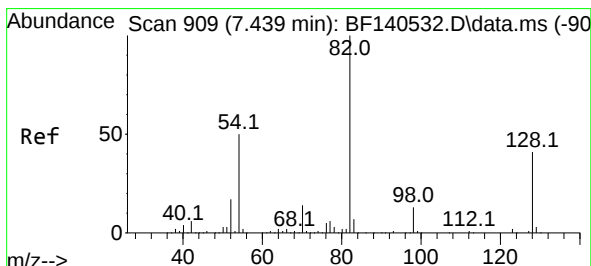
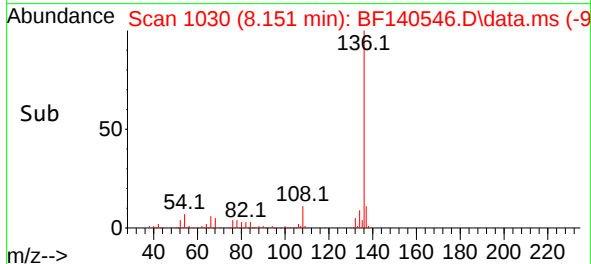
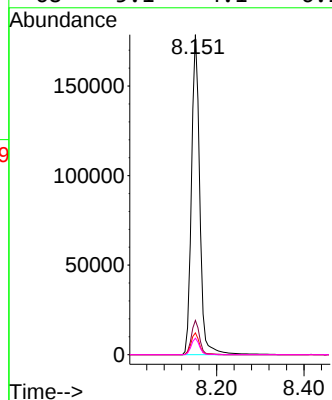
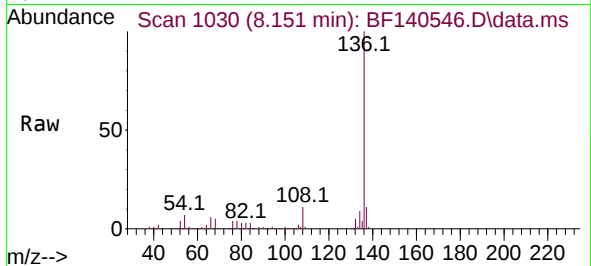




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

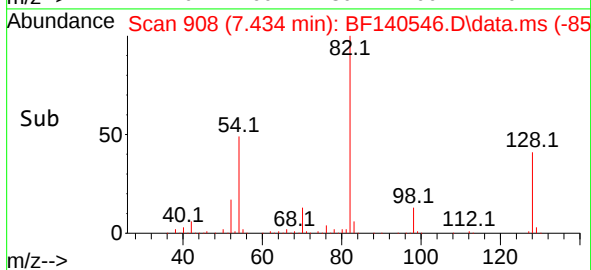
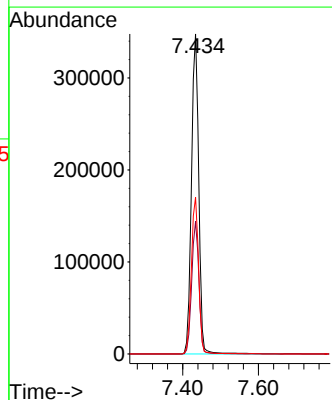
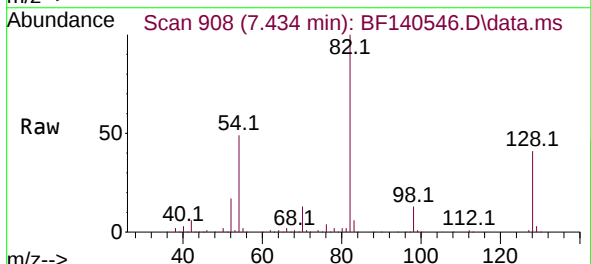
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 235351
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 100.401 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

Tgt Ion: 82 Resp: 461960
Ion Ratio Lower Upper
82 100
128 41.5 33.0 49.4
54 49.0 39.5 59.3

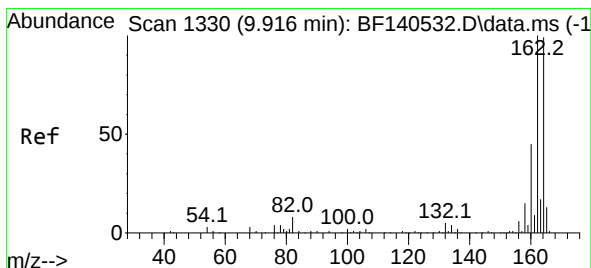
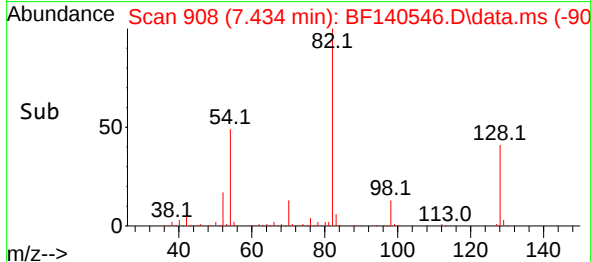
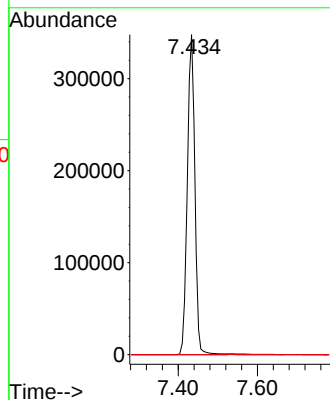
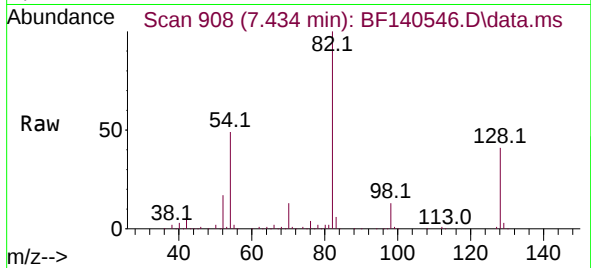




#25
Isophorone
Concen: 60.132 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

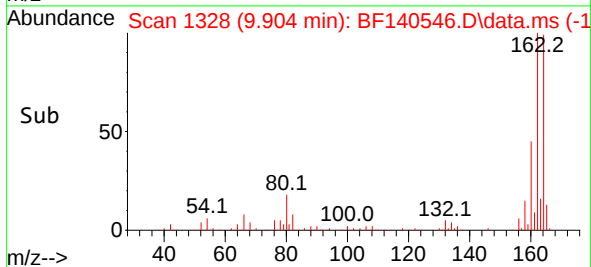
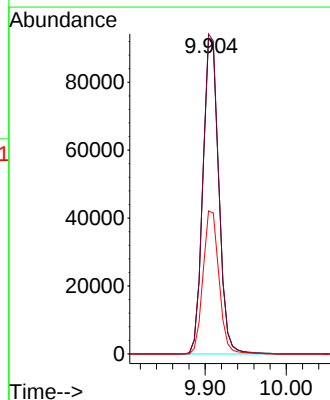
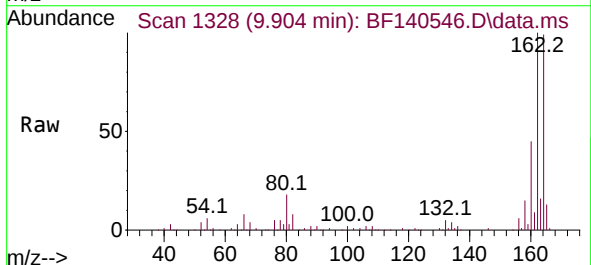
Instrument :
BNA_F
ClientSampleId :
TP-1

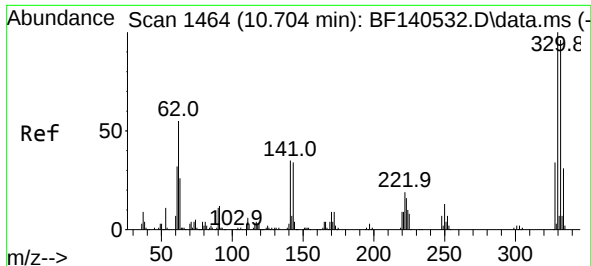
Tgt Ion: 82 Resp: 461476
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140546.D
Acq: 21 Nov 2024 20:07

Tgt Ion:164 Resp: 125927
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 146.017 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1

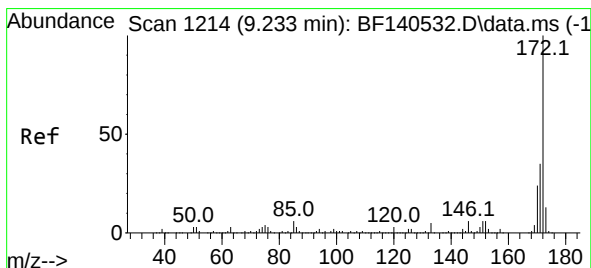
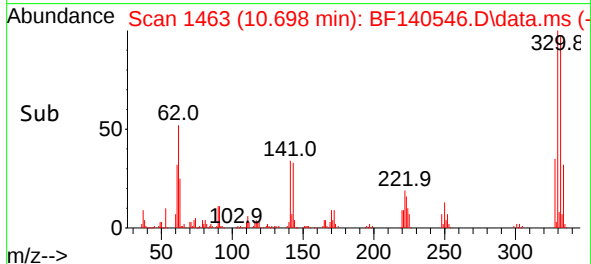
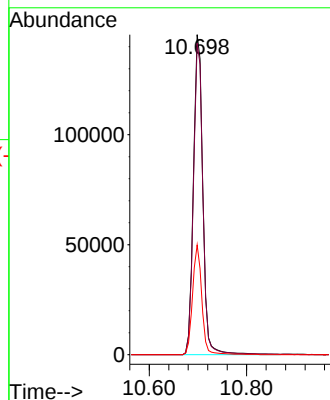
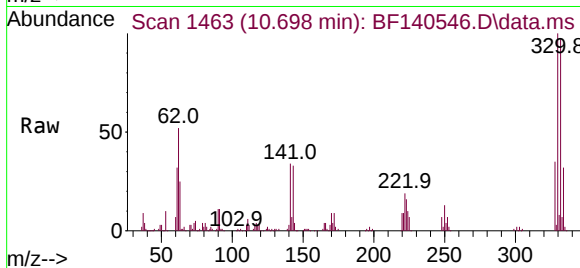
Tgt Ion:330 Resp: 196656

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 33.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 100.605 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

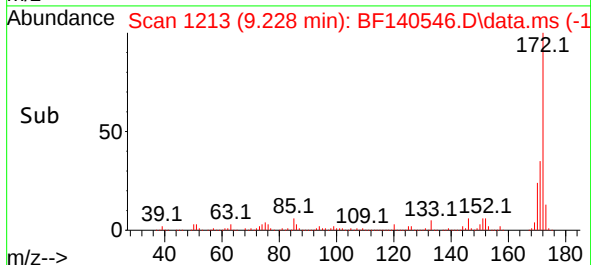
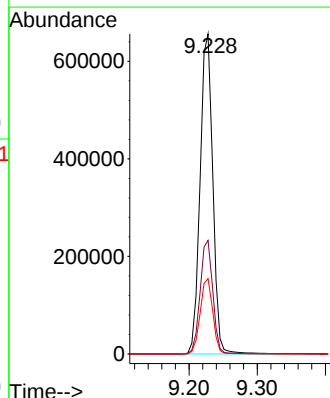
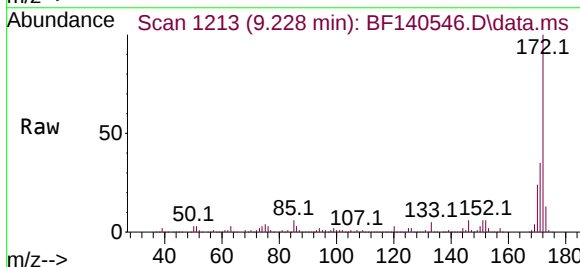
Tgt Ion:172 Resp: 850294

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.835 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1

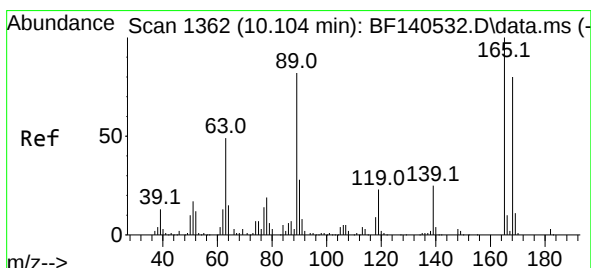
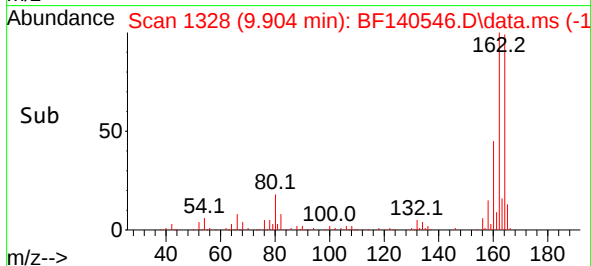
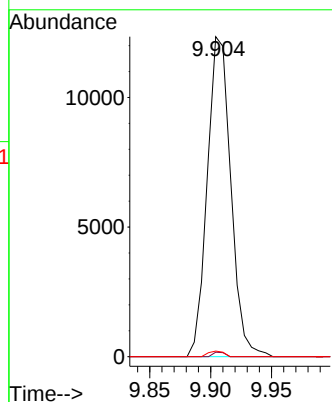
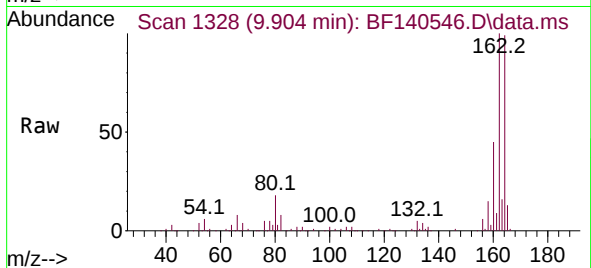
Tgt Ion:165 Resp: 16618

Ion Ratio Lower Upper

165 100

63 1.4 49.9 74.9#

89 1.7 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.648 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Tgt Ion:165 Resp: 16618

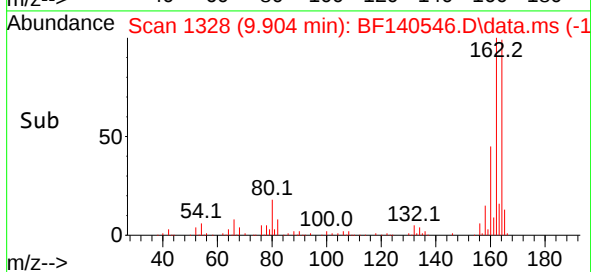
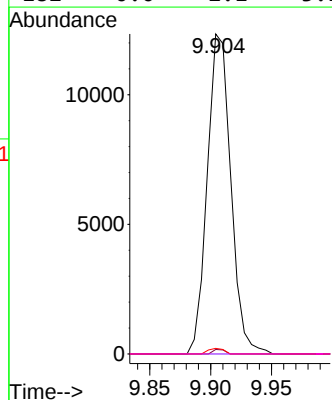
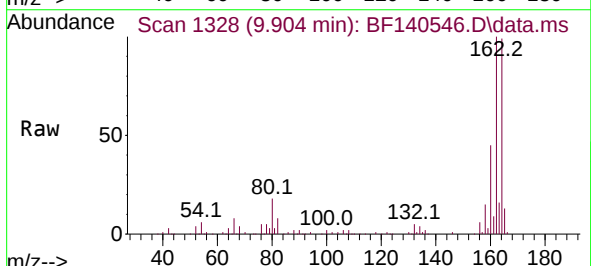
Ion Ratio Lower Upper

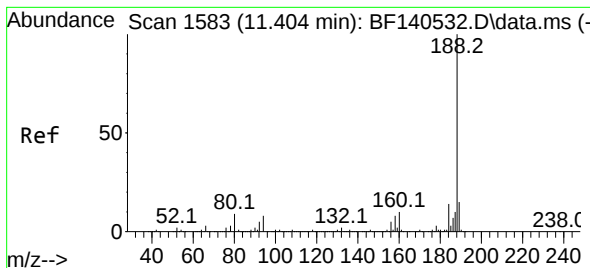
165 100

63 1.4 41.7 62.5#

89 1.7 65.8 98.8#

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: BF140546.D

Acq: 21 Nov 2024 20:07

Instrument :

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ClientSampleId :

TP-1

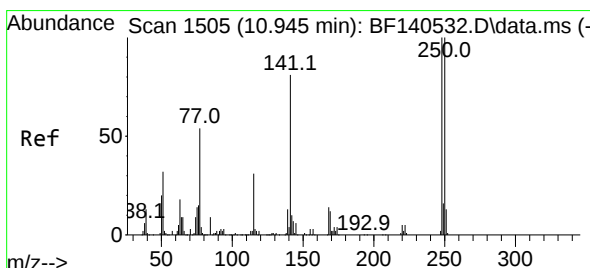
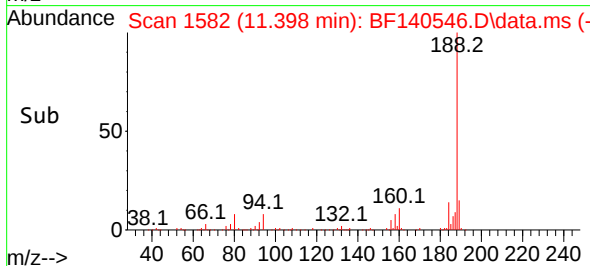
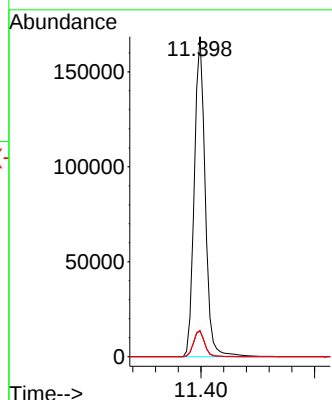
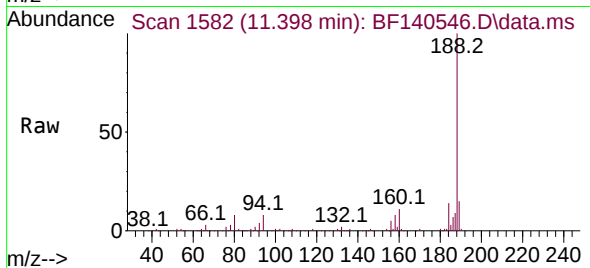
Tgt Ion:188 Resp: 225554

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.2 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.583 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

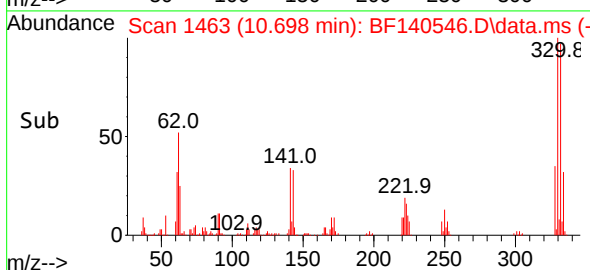
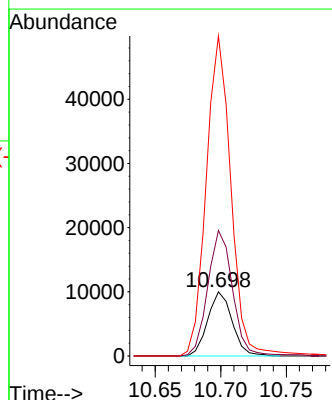
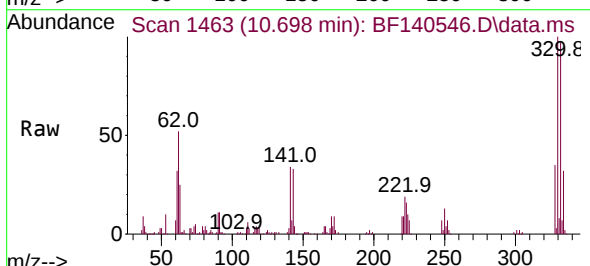
Tgt Ion:248 Resp: 12968

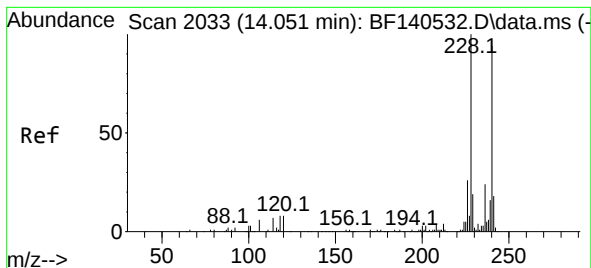
Ion Ratio Lower Upper

248 100

250 195.6 79.8 119.8#

141 499.0 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1

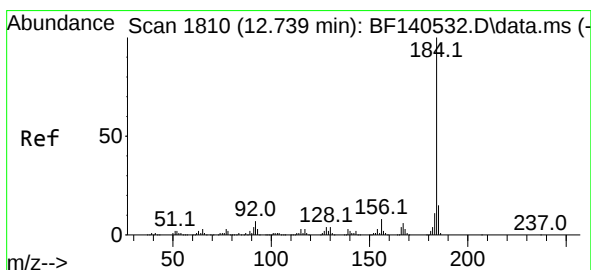
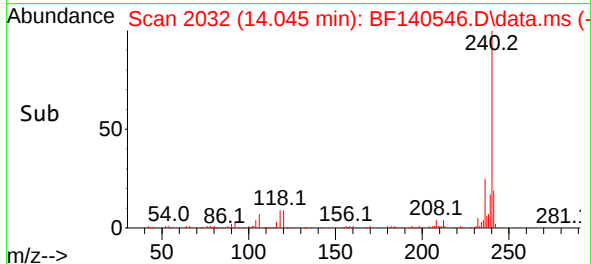
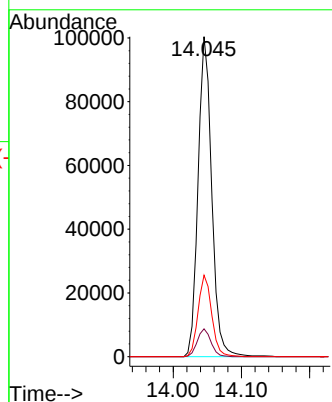
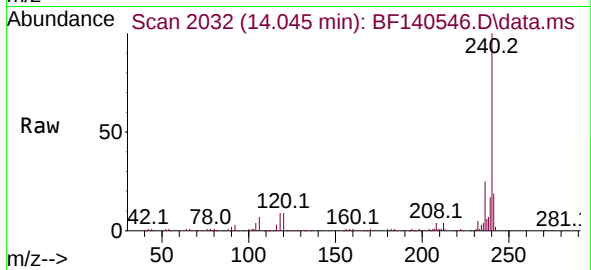
Tgt Ion:240 Resp: 139957

Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.4 20.6 31.0



#77

Benzidine

Concen: 2.979 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140546.D

Acq: 21 Nov 2024 20:07

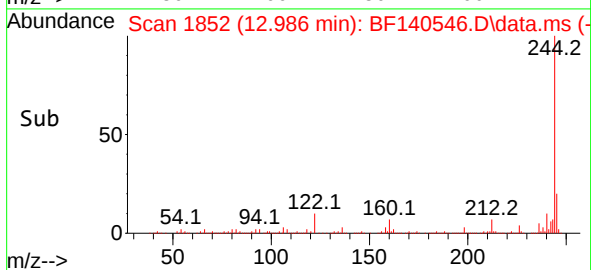
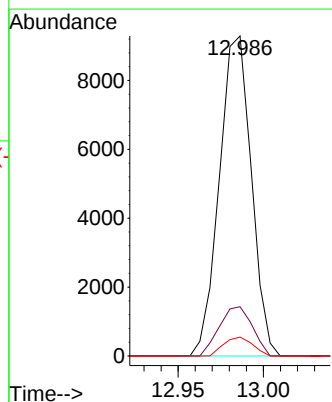
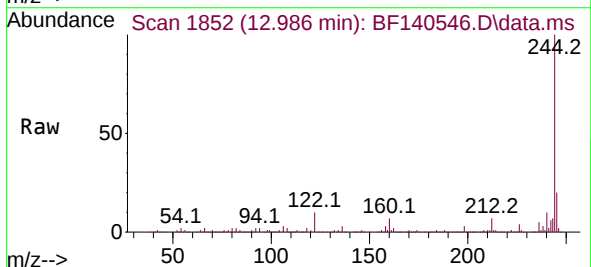
Tgt Ion:184 Resp: 12123

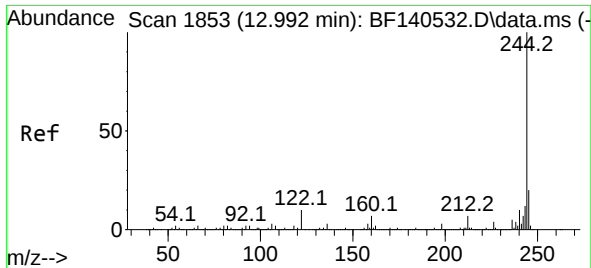
Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 5.9 8.8 13.2#

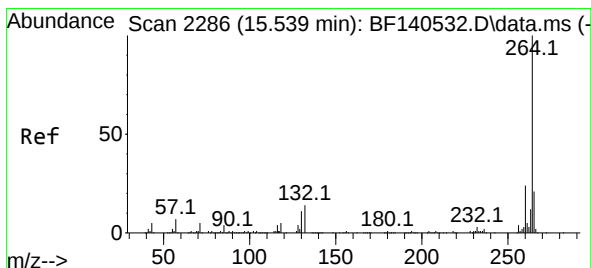
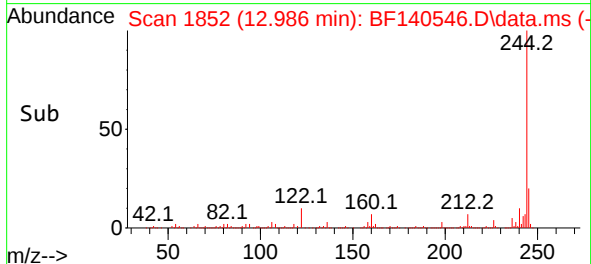
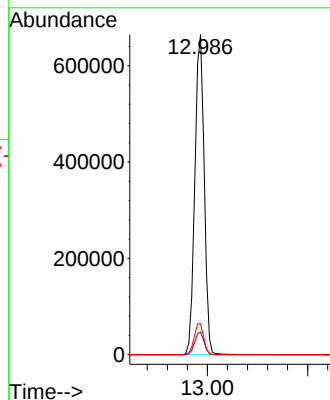
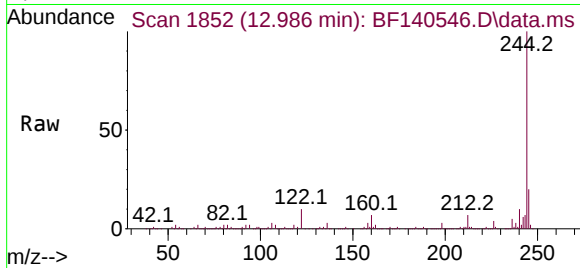




#79
 Terphenyl-d14
 Concen: 95.422 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140546.D
 Acq: 21 Nov 2024 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 857670
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140546.D
 Acq: 21 Nov 2024 20:07

Tgt Ion:264 Resp: 106966
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.6 16.6 25.0

