

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140744.D
 Acq On : 05 Dec 2024 13:18
 Operator : RC/JU
 Sample : PB165366BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165366BL

Quant Time: Dec 05 13:50:45 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)

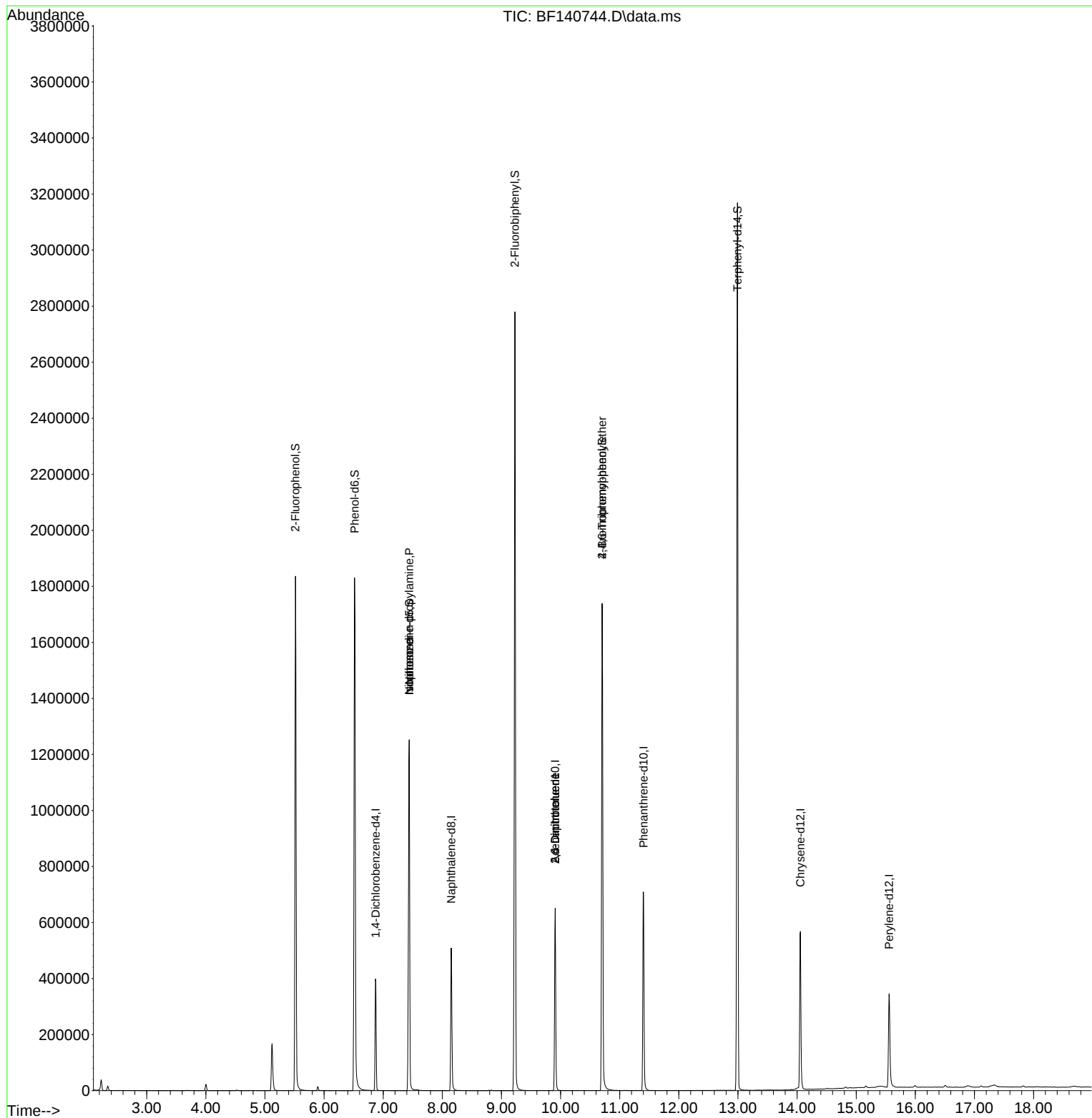
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	87049	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	348431	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211689	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	434253	20.000	ng	0.00
76) Chrysene-d12	14.057	240	309814	20.000	ng	0.00
86) Perylene-d12	15.557	264	231587	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	710254	139.214	ng	0.02
7) Phenol-d6	6.516	99	969648	143.762	ng	0.00
23) Nitrobenzene-d5	7.439	82	634643	93.167	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	332064	146.669	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1284723	90.423	ng	0.00
79) Terphenyl-d14	12.992	244	1678640	84.369	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	84285	21.144	ng	# 75
25) Isophorone	7.439	82	629001	55.361	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	26738	8.456	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	26738	6.363	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	20737	4.637	ng	# 1

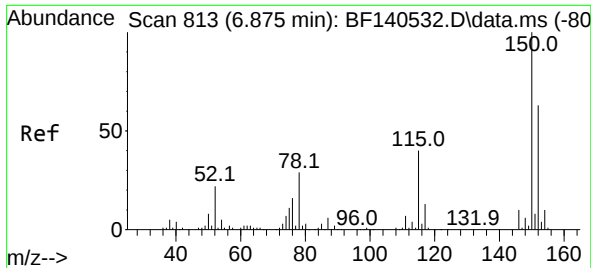
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

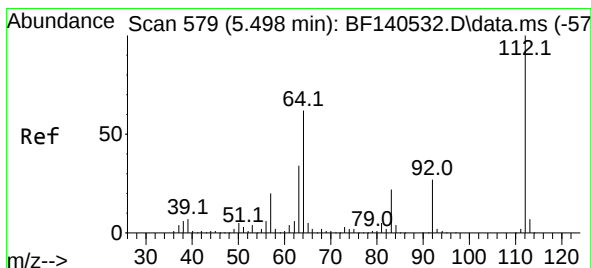
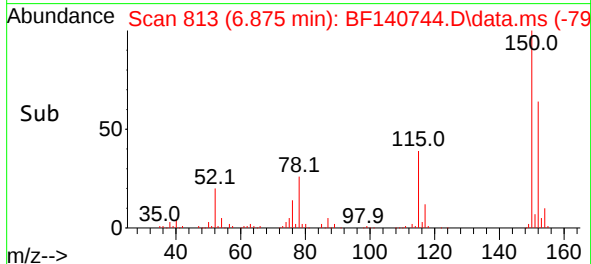
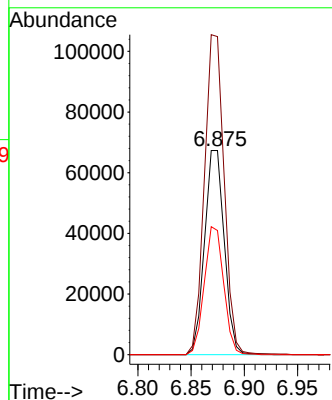
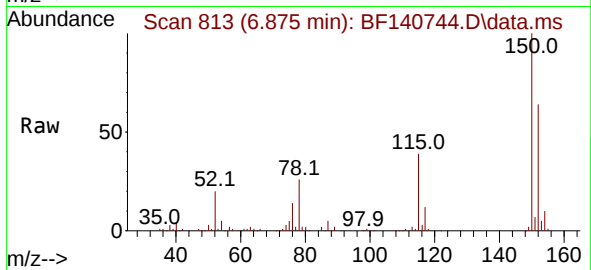




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

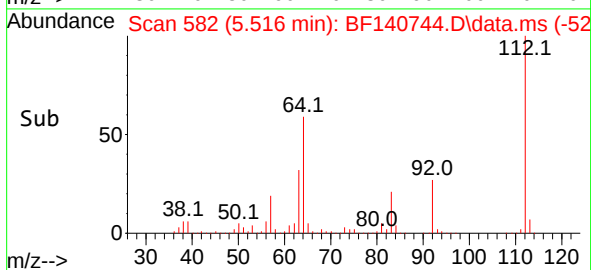
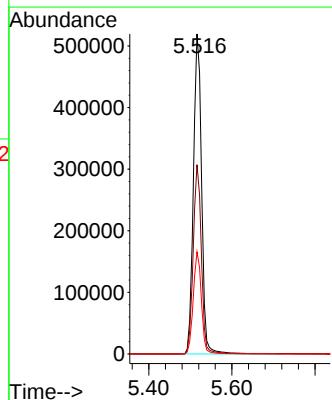
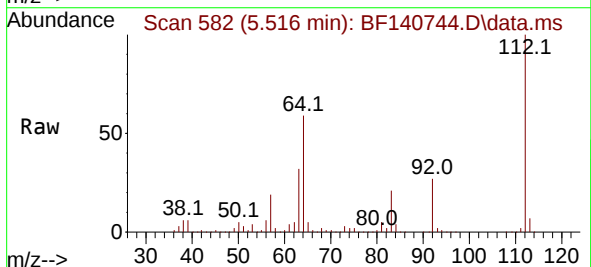
Instrument :
BNA_F
ClientSampleId :
PB165366BL

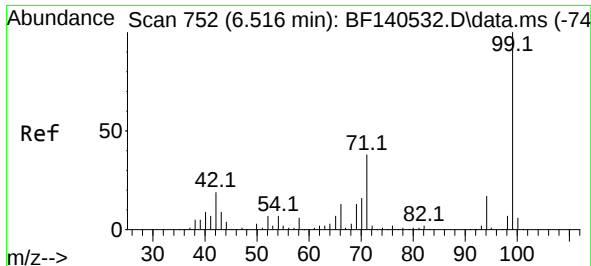
Tgt Ion:152 Resp: 87049
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 139.214 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

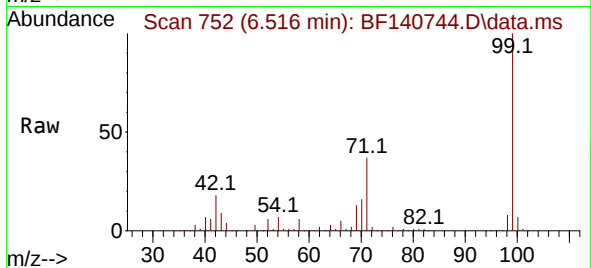
Tgt Ion:112 Resp: 710254
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.9 27.0 40.4



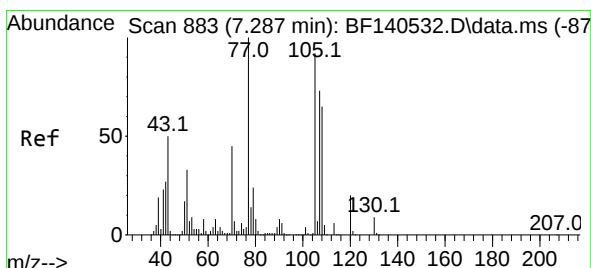
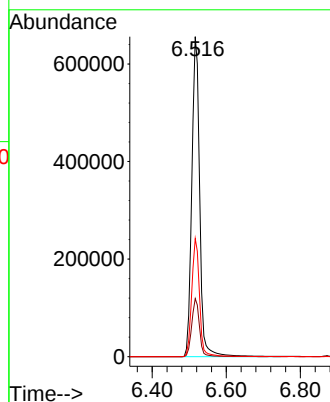
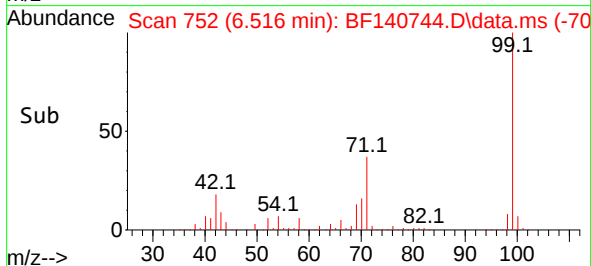


#7
Phenol-d6
Concen: 143.762 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

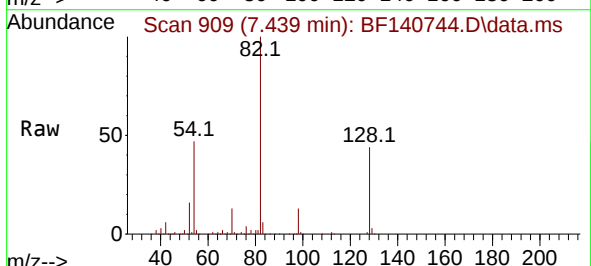
Instrument :
BNA_F
ClientSampleId :
PB165366BL



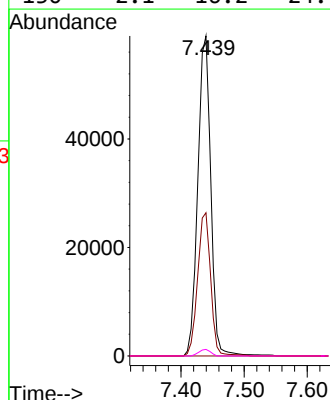
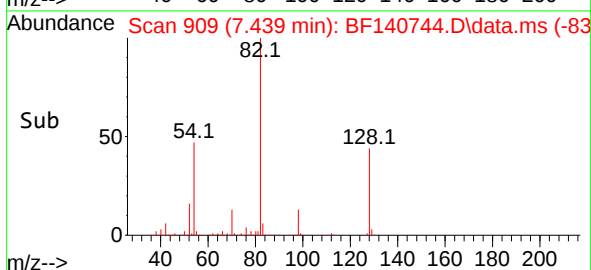
Tgt Ion: 99 Resp: 969648
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.9 30.6 46.0

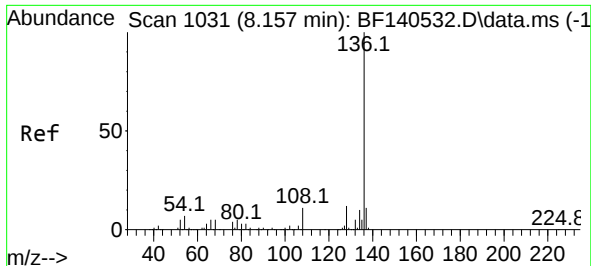


#19
n-Nitroso-di-n-propylamine
Concen: 21.144 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.153 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18



Tgt Ion: 70 Resp: 84285
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#

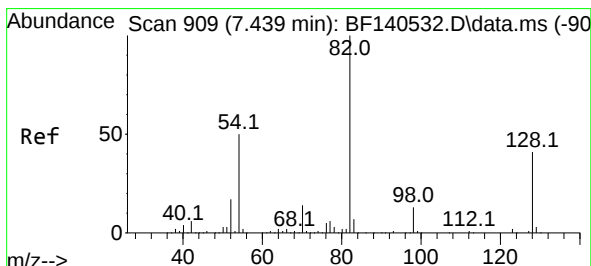
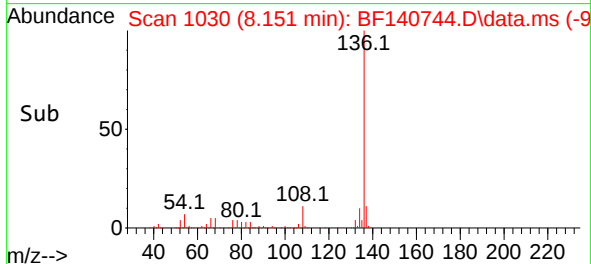
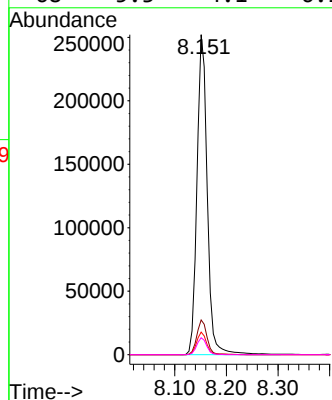
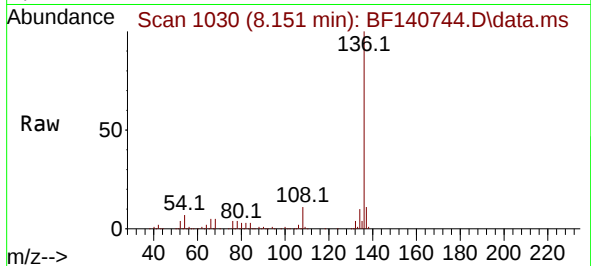




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

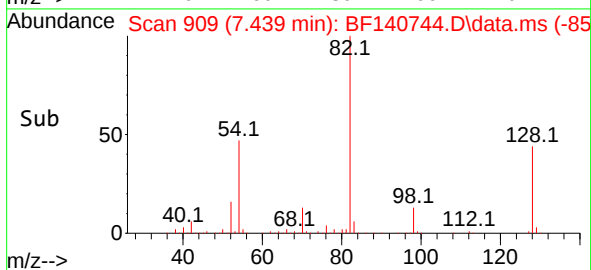
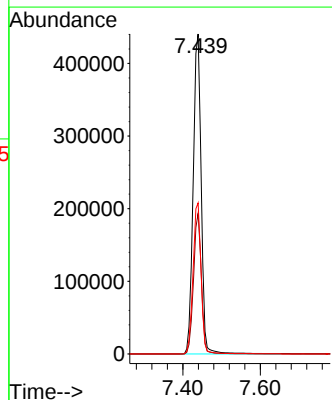
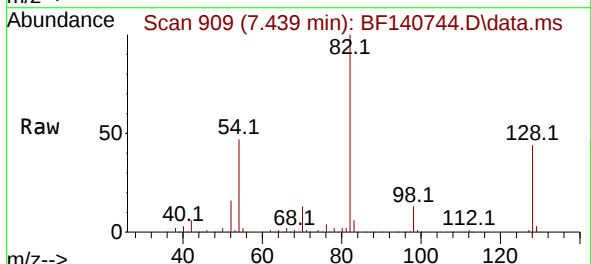
Instrument :
BNA_F
ClientSampleId :
PB165366BL

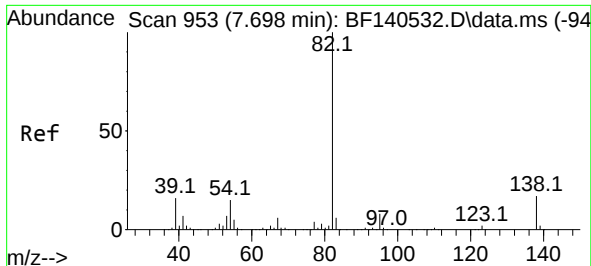
Tgt Ion:136 Resp: 348431
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 93.167 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

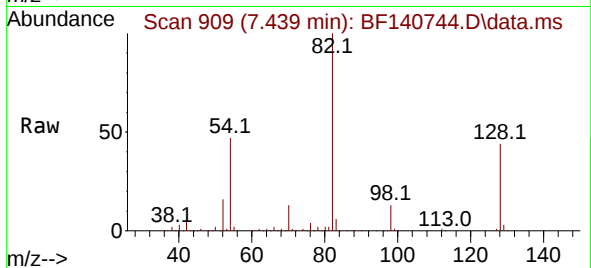
Tgt Ion: 82 Resp: 634643
Ion Ratio Lower Upper
82 100
128 44.0 33.0 49.4
54 47.2 39.5 59.3



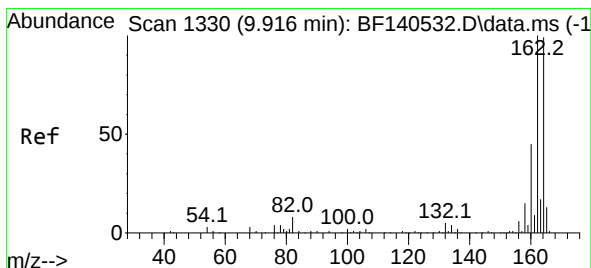
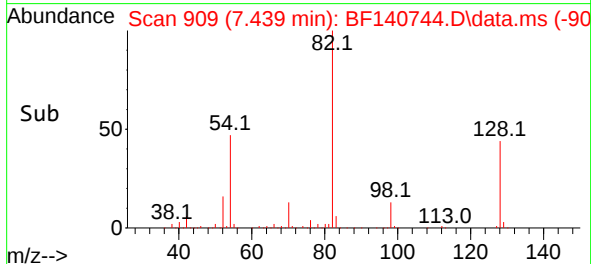
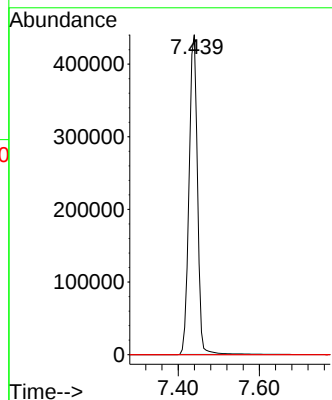


#25
Isophorone
Concen: 55.361 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

Instrument :
BNA_F
ClientSampleId :
PB165366BL

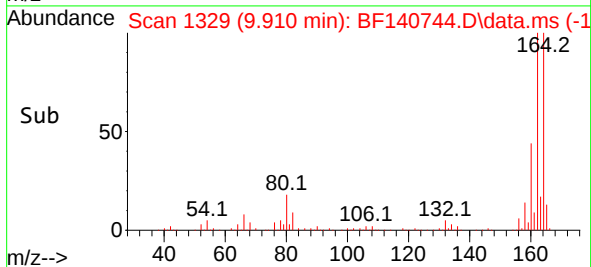
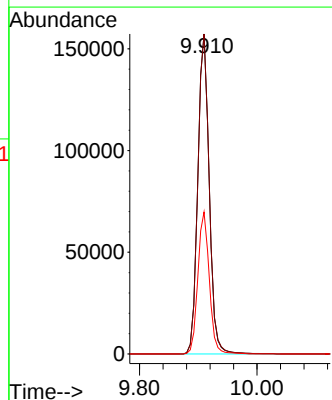
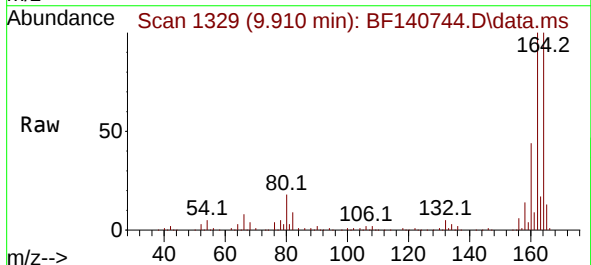


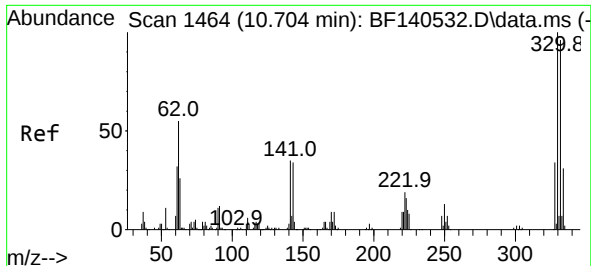
Tgt Ion: 82 Resp: 629001
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

Tgt Ion: 164 Resp: 211689
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 146.669 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140744.D

Acq: 05 Dec 2024 13:18

Instrument :

BNA_F

ClientSampleId :

PB165366BL

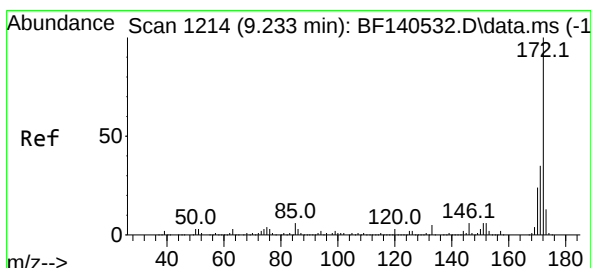
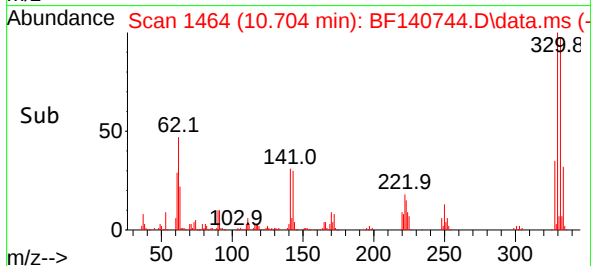
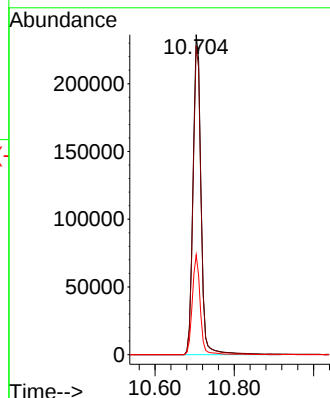
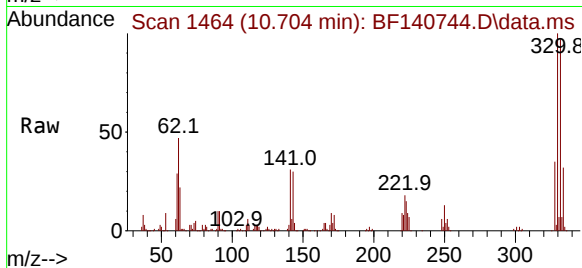
Tgt Ion:330 Resp: 332064

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 30.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 90.423 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140744.D

Acq: 05 Dec 2024 13:18

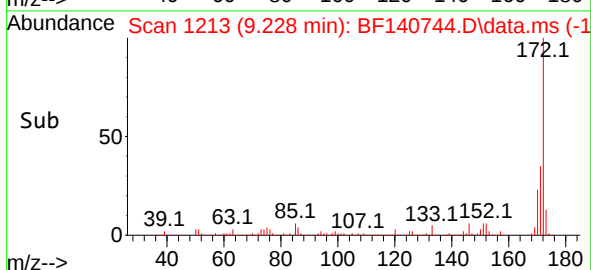
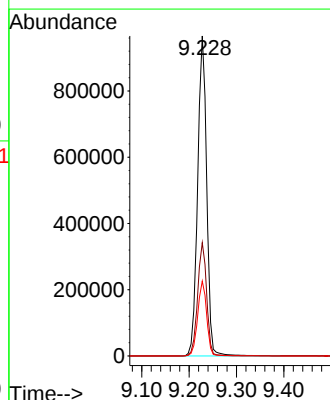
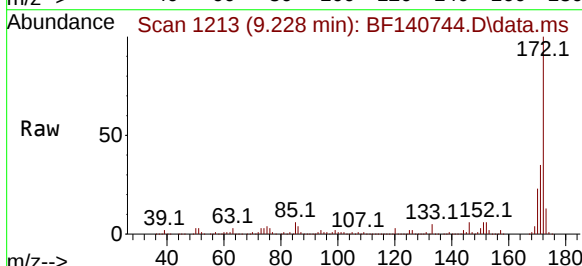
Tgt Ion:172 Resp: 1284723

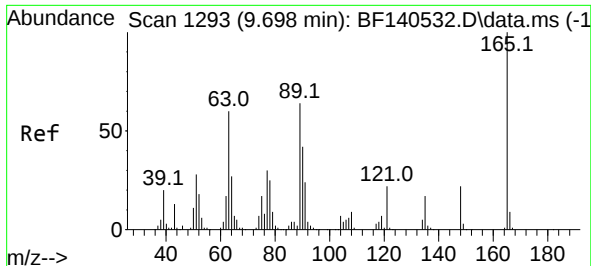
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.6

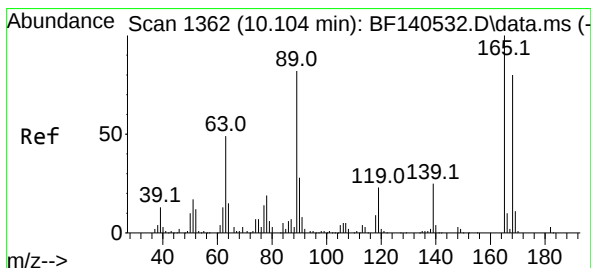
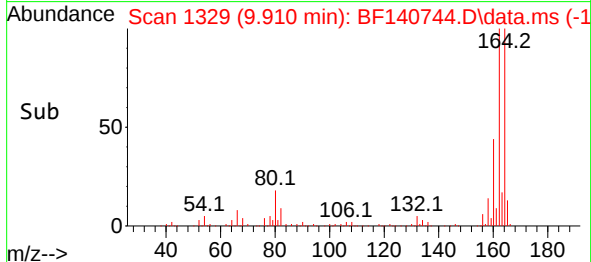
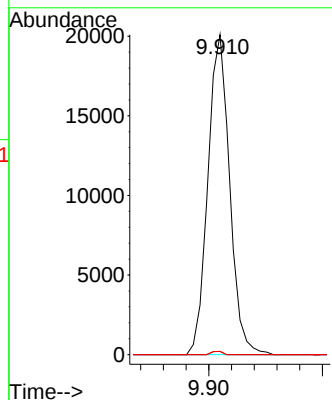
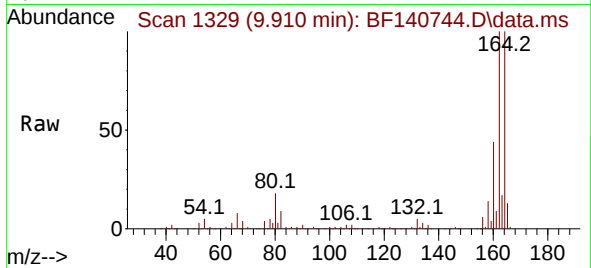




#51
2,6-Dinitrotoluene
Concen: 8.456 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

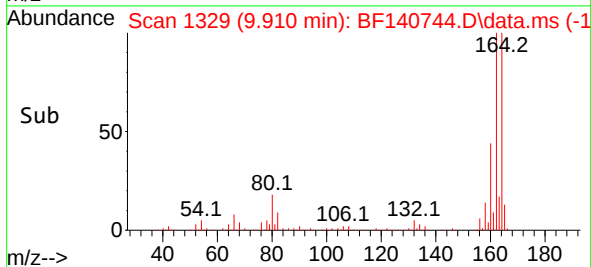
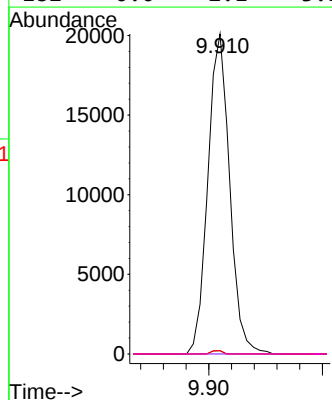
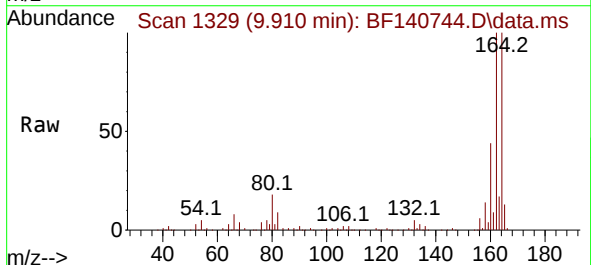
Instrument :
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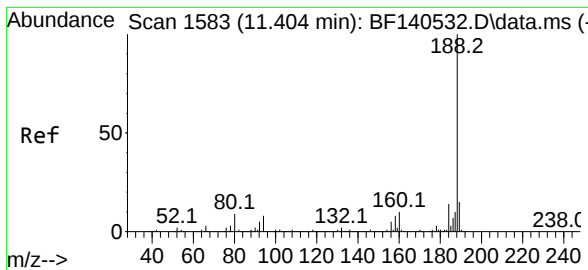
Tgt Ion:165 Resp: 26738
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.363 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

Tgt Ion:165 Resp: 26738
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.0 65.8 98.8#
182 0.0 2.1 3.1#

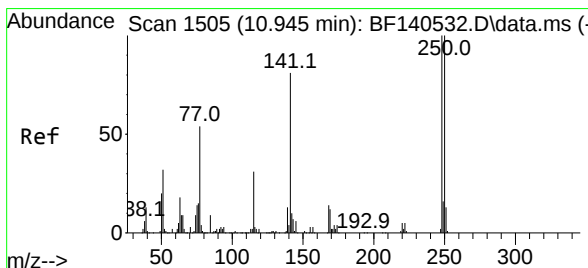
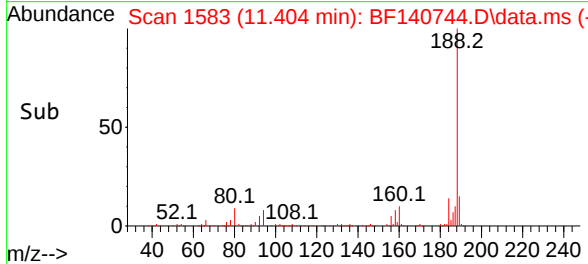
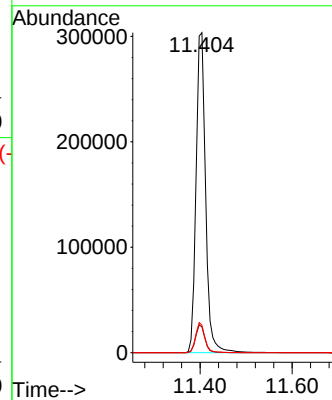
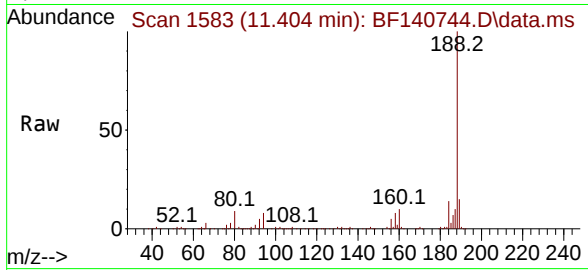




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

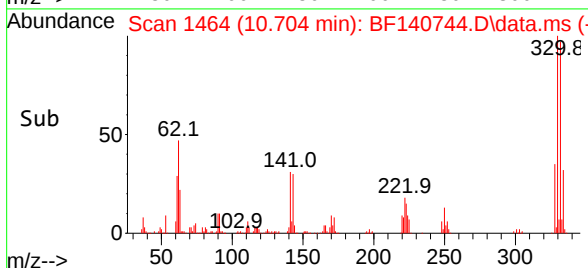
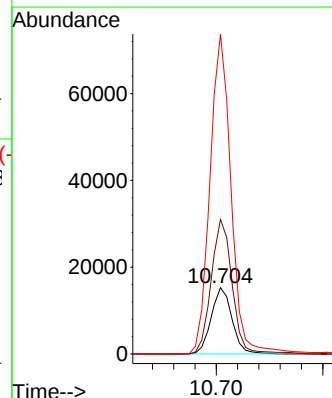
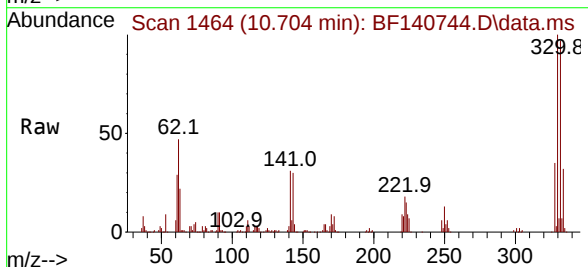
Instrument :
BNA_F
ClientSampleId :
PB165366BL

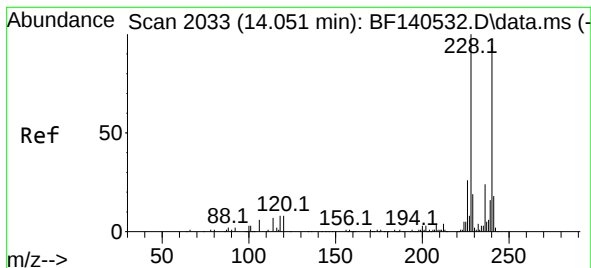
Tgt Ion:188 Resp: 434253
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140744.D
Acq: 05 Dec 2024 13:18

Tgt Ion:248 Resp: 20737
Ion Ratio Lower Upper
248 100
250 203.0 79.8 119.8#
141 482.7 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140744.D

Acq: 05 Dec 2024 13:18

Instrument :

BNA_F

ClientSampleId :

PB165366BL

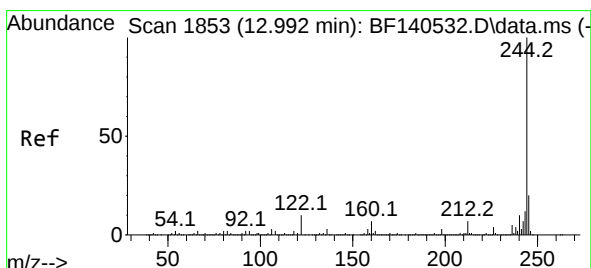
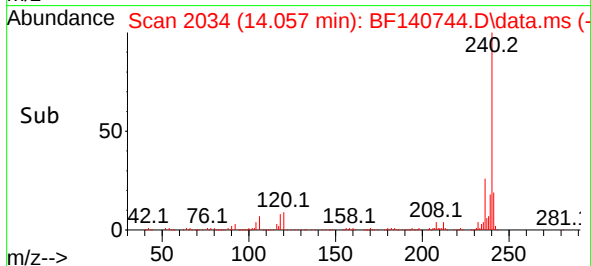
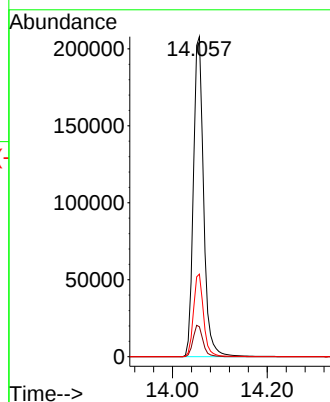
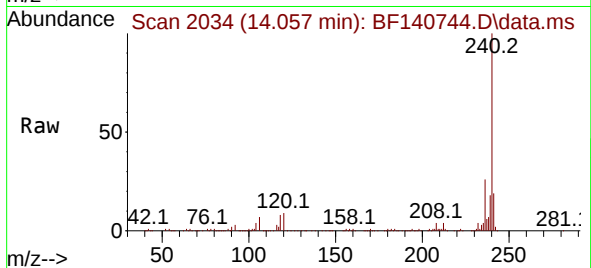
Tgt Ion:240 Resp: 309814

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 84.369 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140744.D

Acq: 05 Dec 2024 13:18

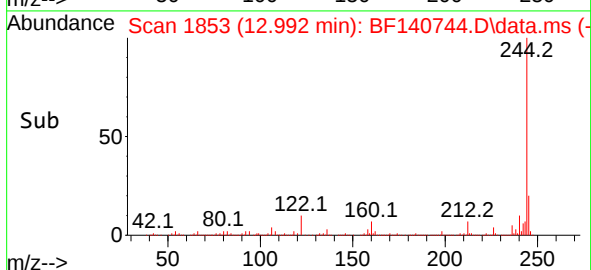
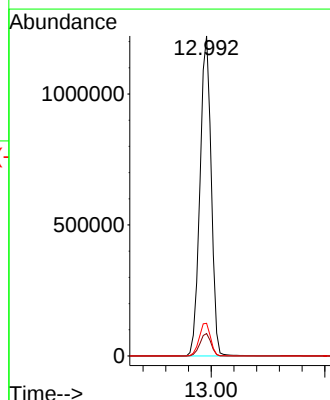
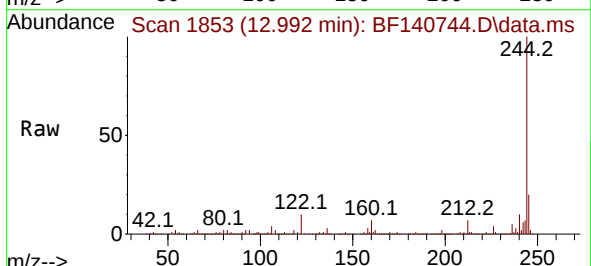
Tgt Ion:244 Resp: 1678640

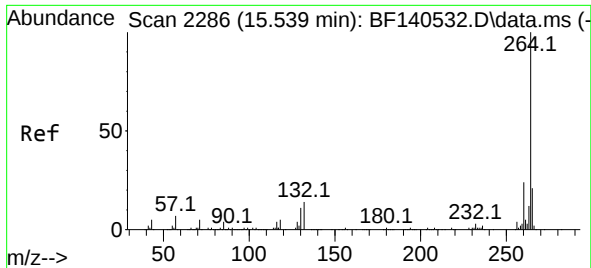
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140744.D
 Acq: 05 Dec 2024 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB165366BL

Tgt Ion:264 Resp: 231587
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.4 16.6 25.0

