

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140537.D
 Acq On : 21 Nov 2024 15:34
 Operator : RC/JU
 Sample : PB165144BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BL

Quant Time: Nov 21 16:12:38 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)

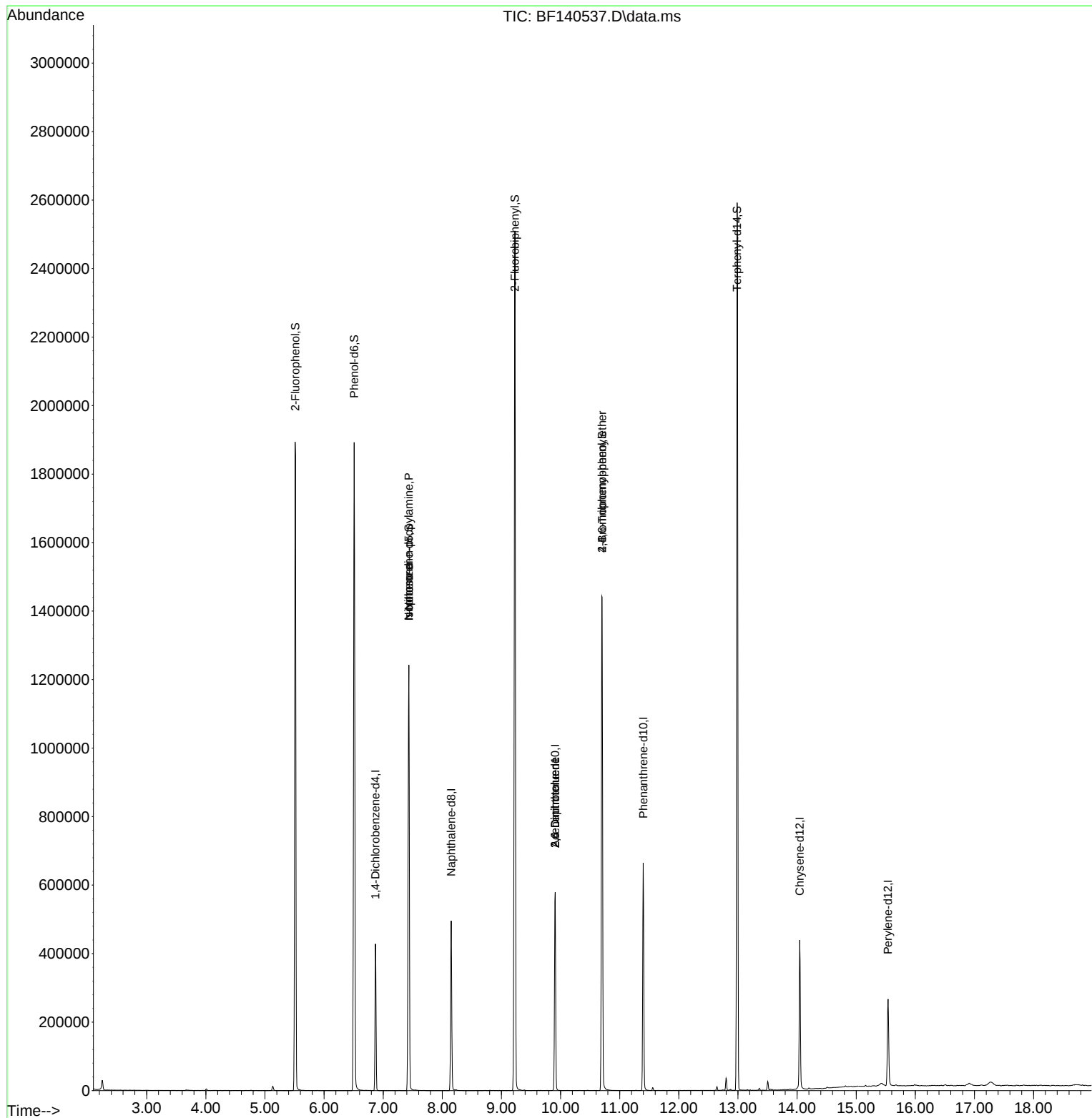
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89214	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332852	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	187896	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	359986	20.000	ng	0.00
76) Chrysene-d12	14.045	240	208110	20.000	ng	0.00
86) Perylene-d12	15.539	264	161923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	726213	138.888	ng	0.02
7) Phenol-d6	6.510	99	933803	135.088	ng	0.00
23) Nitrobenzene-d5	7.433	82	623751	95.854	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	267214	132.971	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1199007	95.077	ng	0.00
79) Terphenyl-d14	12.986	244	1315938	98.462	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	84828	20.764	ng	# 76
25) Isophorone	7.433	82	615417	56.701	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	25133	8.955	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	25133	6.738	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	17257	4.655	ng	# 1

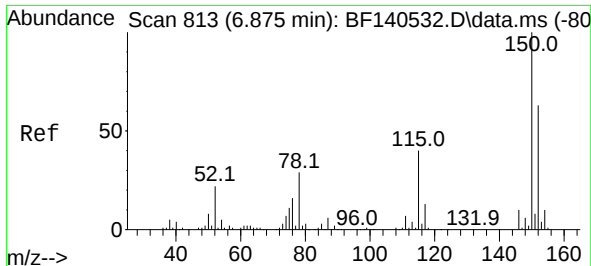
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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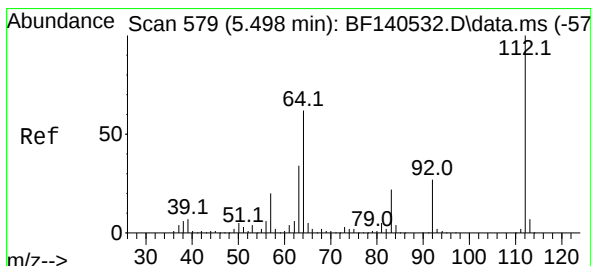
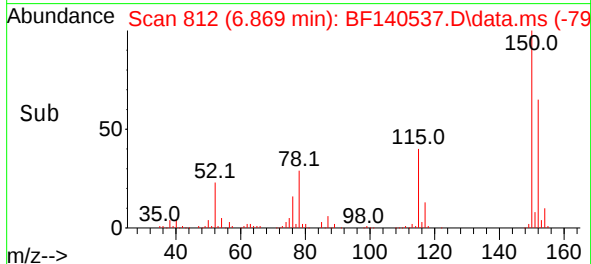
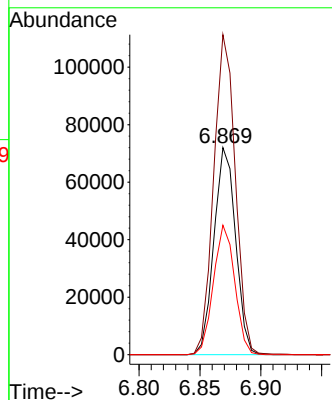
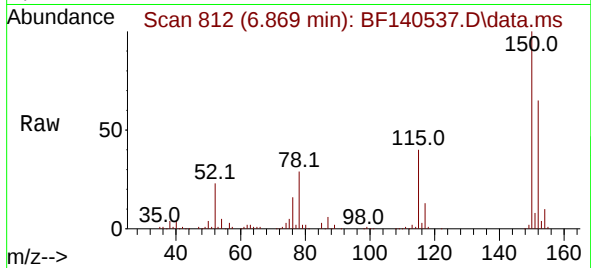




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

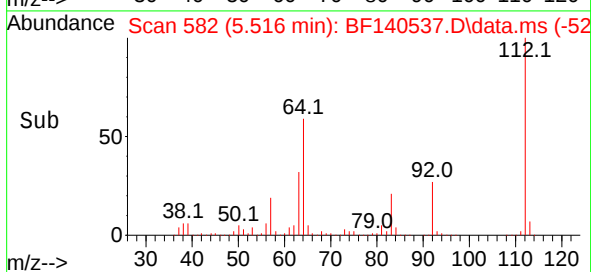
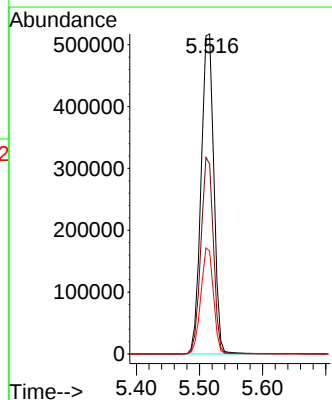
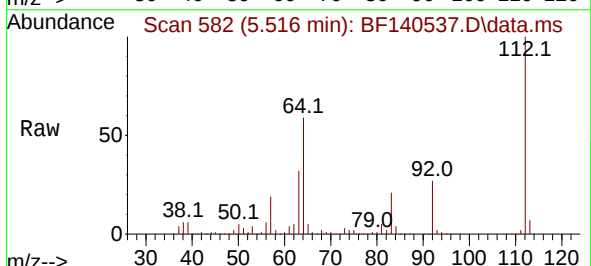
Instrument :
BNA_F
ClientSampleId :
PB165144BL

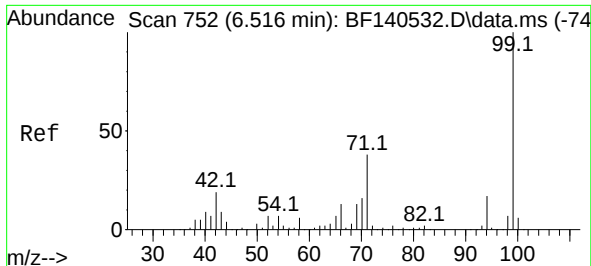
Tgt Ion:152 Resp: 89214
Ion Ratio Lower Upper
152 100
150 154.5 128.5 192.7
115 62.5 50.2 75.4



#5
2-Fluorophenol
Concen: 138.888 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

Tgt Ion:112 Resp: 726213
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.1 27.0 40.4

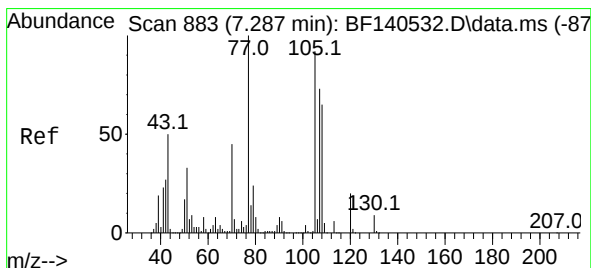
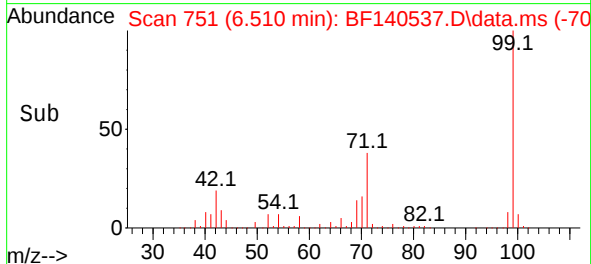
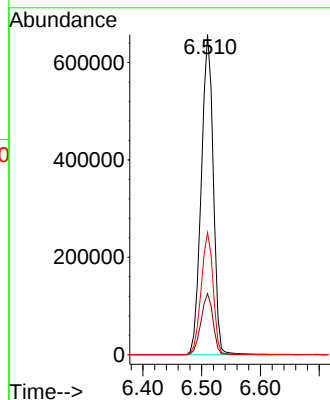
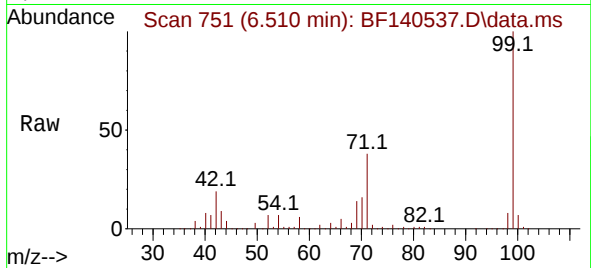




#7
Phenol-d6
Concen: 135.088 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

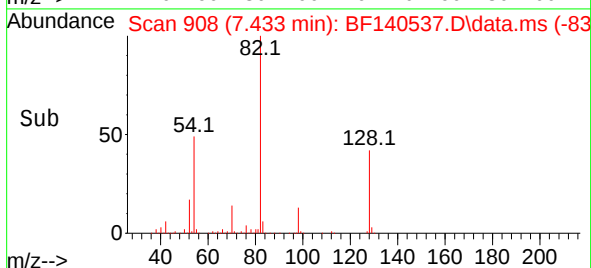
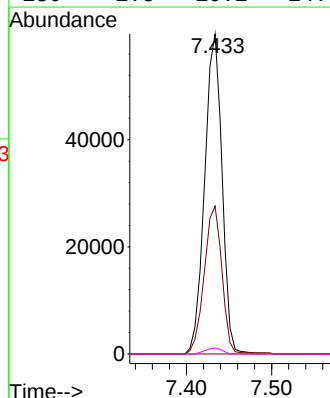
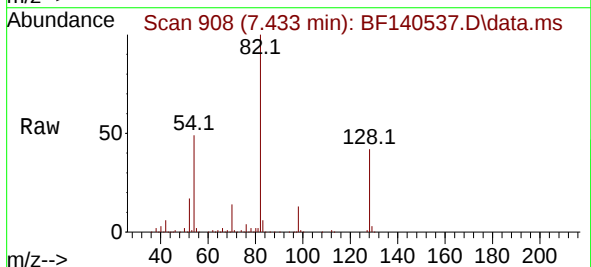
Instrument :
BNA_F
ClientSampleId :
PB165144BL

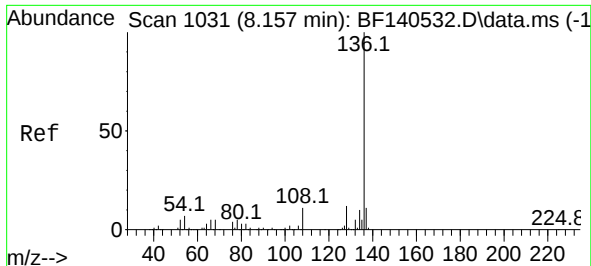
Tgt Ion: 99 Resp: 933803
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 38.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.764 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

Tgt Ion: 70 Resp: 84828
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#

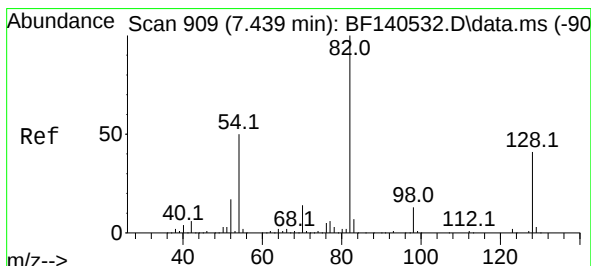
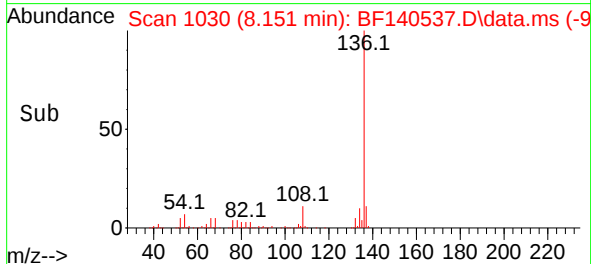
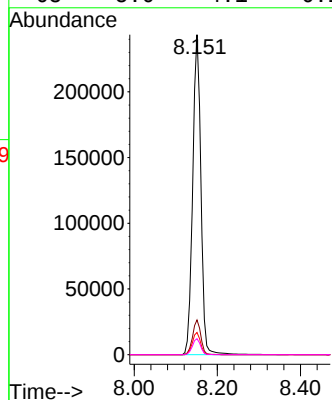
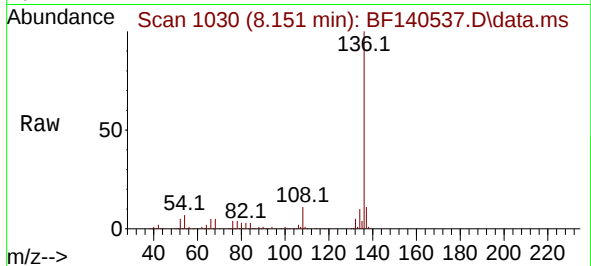




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

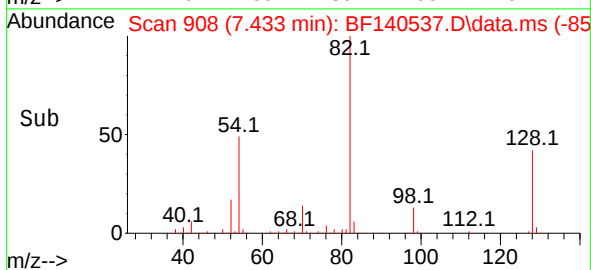
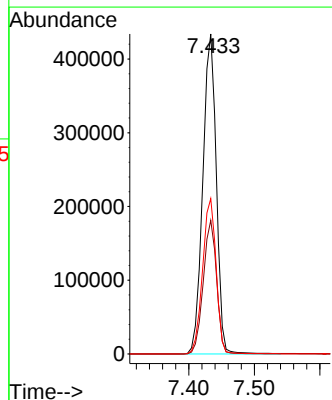
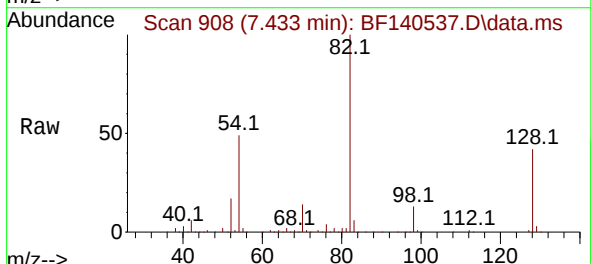
Instrument :
BNA_F
ClientSampleId :
PB165144BL

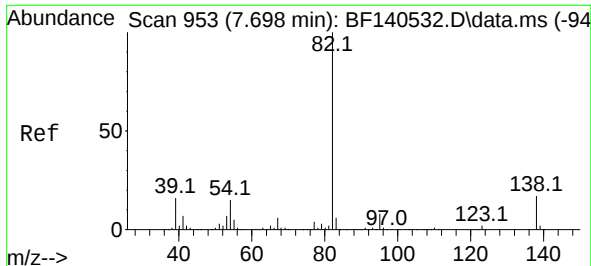
Tgt Ion:136 Resp: 332852
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 95.854 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

Tgt Ion: 82 Resp: 623751
Ion Ratio Lower Upper
82 100
128 41.8 33.0 49.4
54 48.5 39.5 59.3

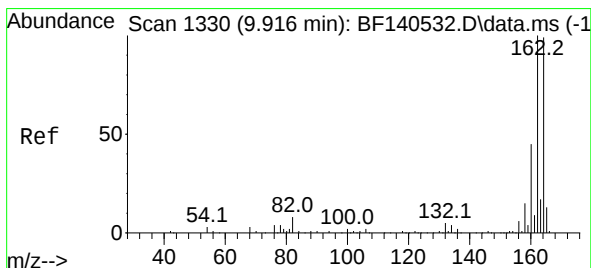
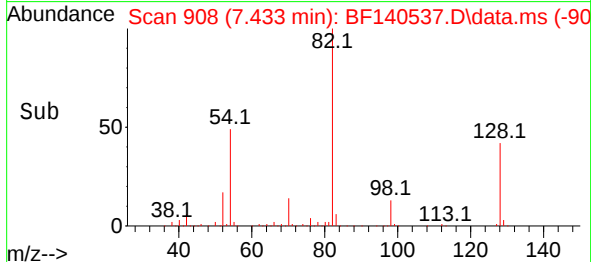
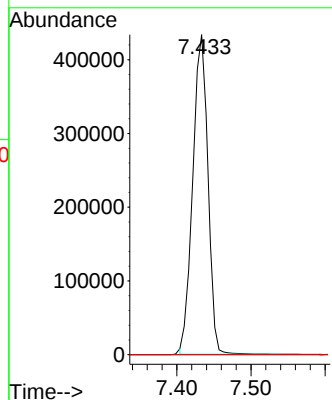
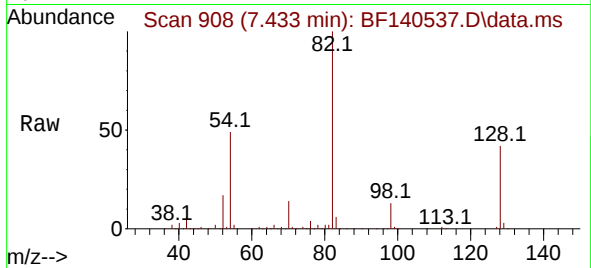




#25
Isophorone
Concen: 56.701 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

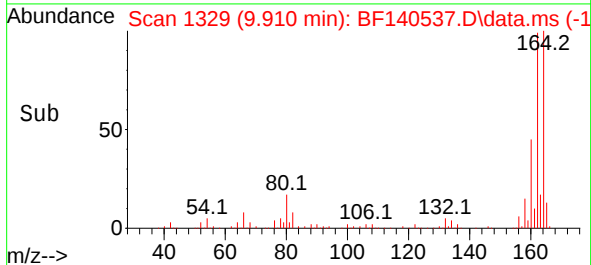
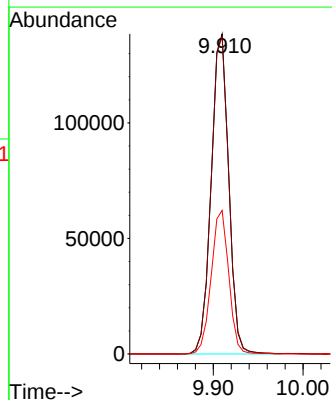
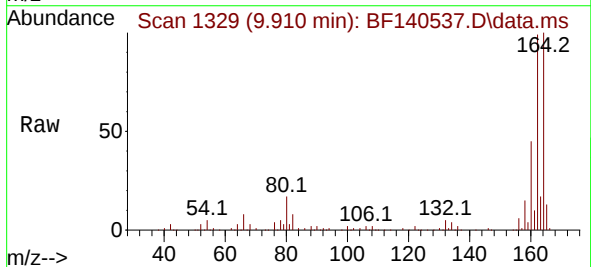
Instrument :
BNA_F
ClientSampleId :
PB165144BL

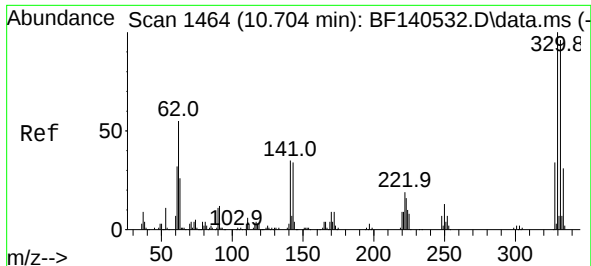
Tgt Ion: 82 Resp: 615417
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140537.D
Acq: 21 Nov 2024 15:34

Tgt Ion:164 Resp: 187896
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 132.971 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB165144BL

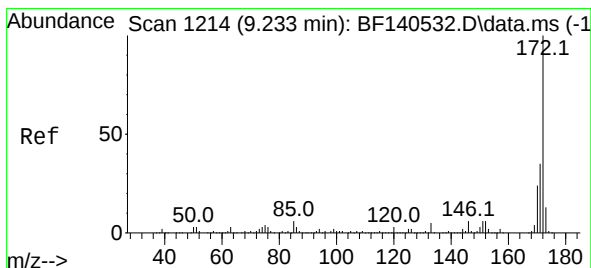
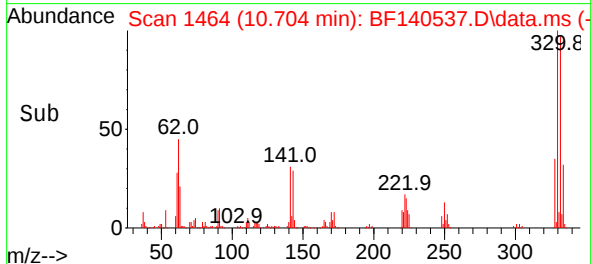
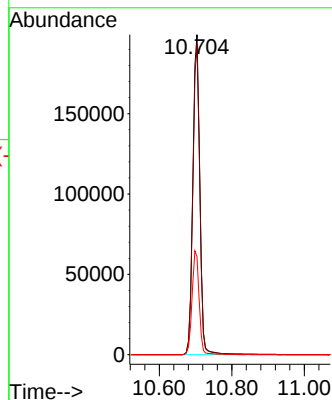
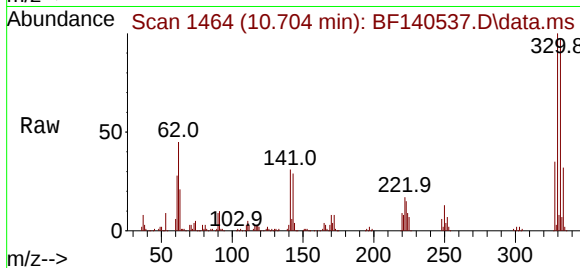
Tgt Ion:330 Resp: 267214

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.077 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

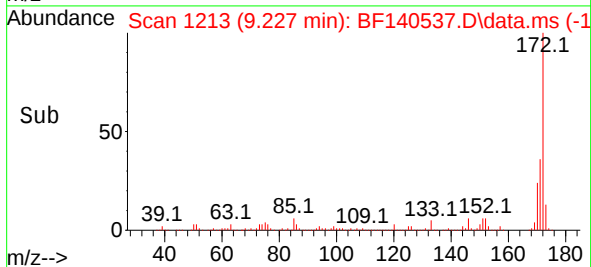
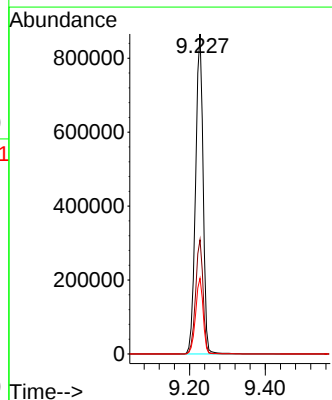
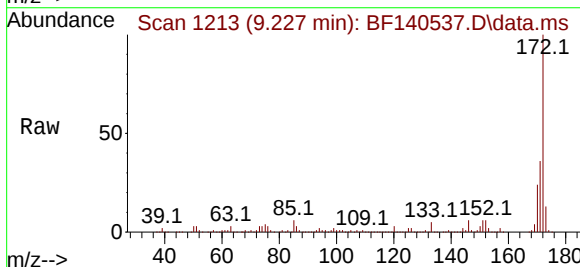
Tgt Ion:172 Resp: 1199007

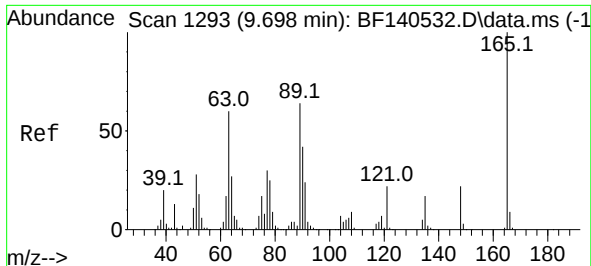
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.955 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB165144BL

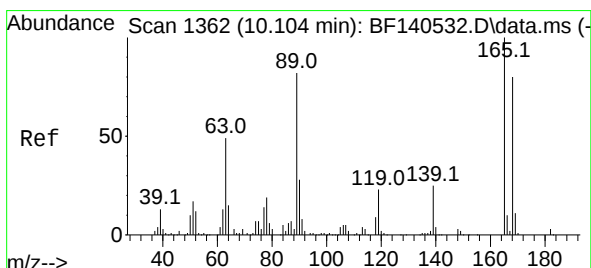
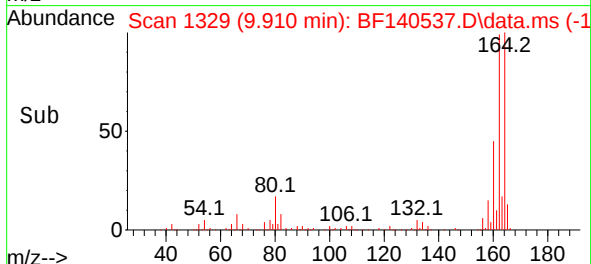
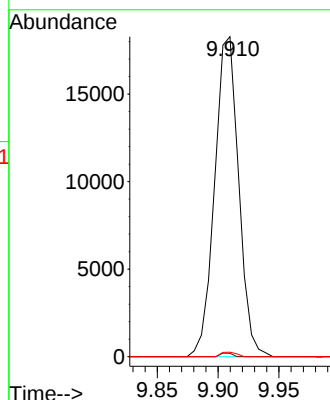
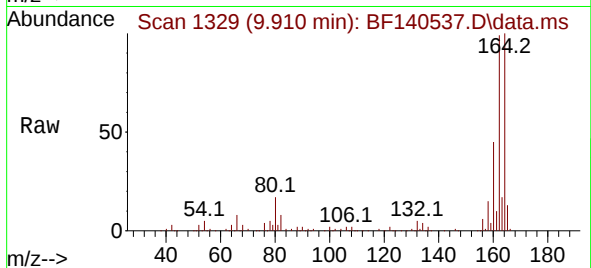
Tgt Ion:165 Resp: 25133

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.4 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.738 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Tgt Ion:165 Resp: 25133

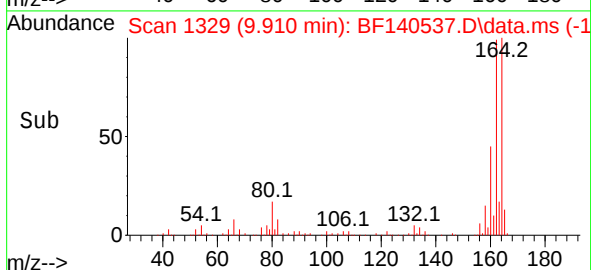
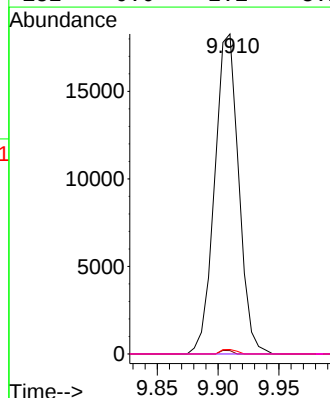
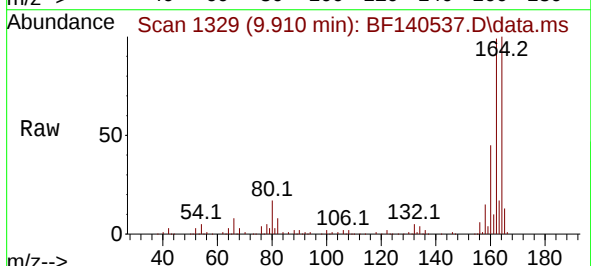
Ion Ratio Lower Upper

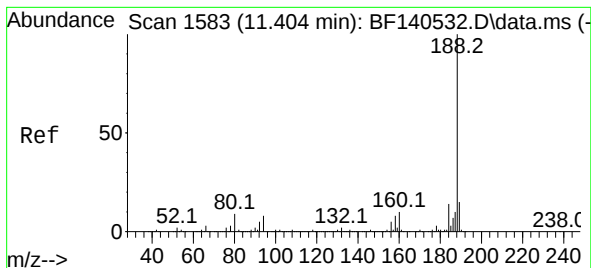
165 100

63 1.0 41.7 62.5#

89 1.4 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB165144BL

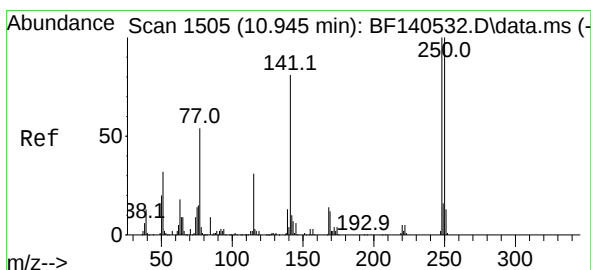
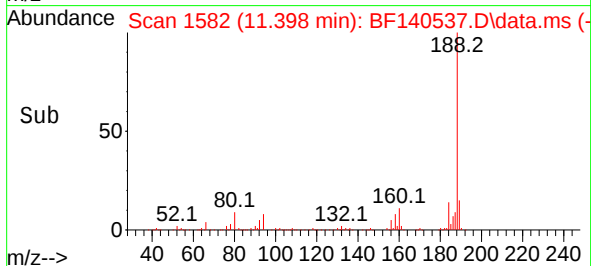
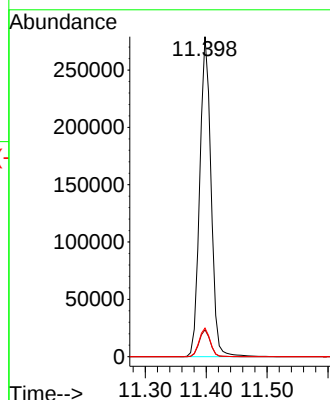
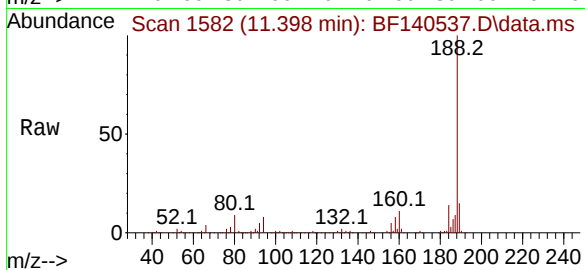
Tgt Ion:188 Resp: 359986

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.655 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

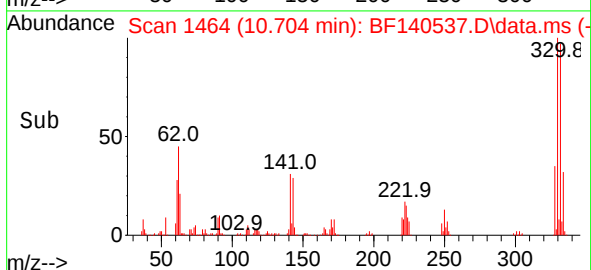
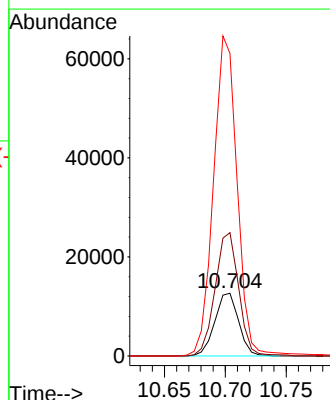
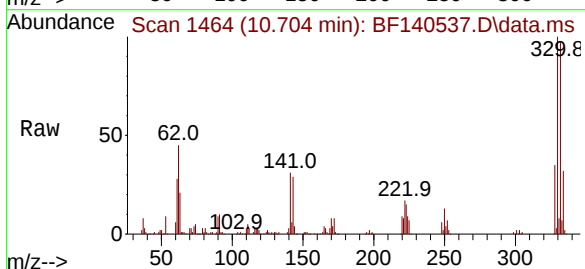
Tgt Ion:248 Resp: 17257

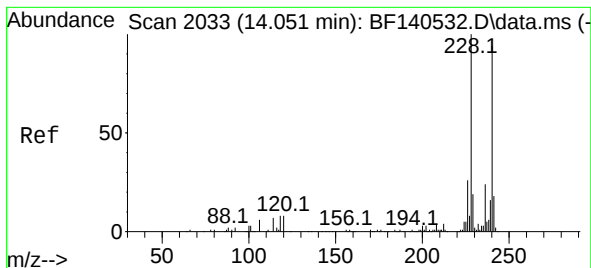
Ion Ratio Lower Upper

248 100

250 196.5 79.8 119.8#

141 481.7 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: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB165144BL

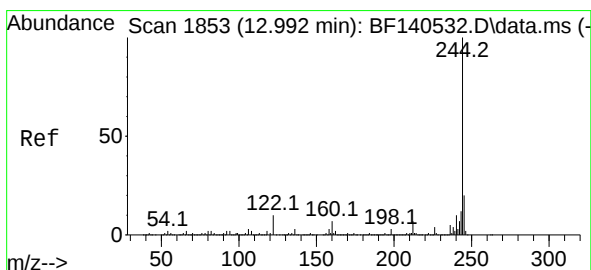
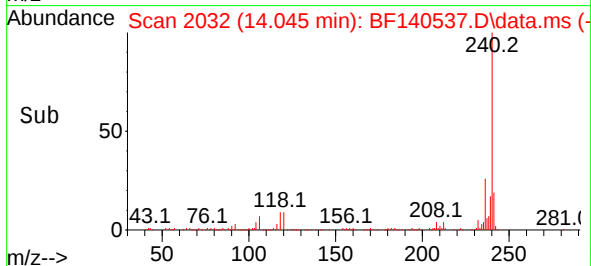
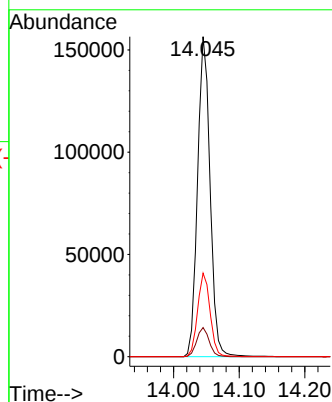
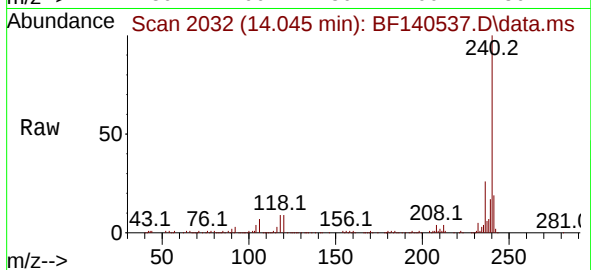
Tgt Ion:240 Resp: 208110

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 98.462 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

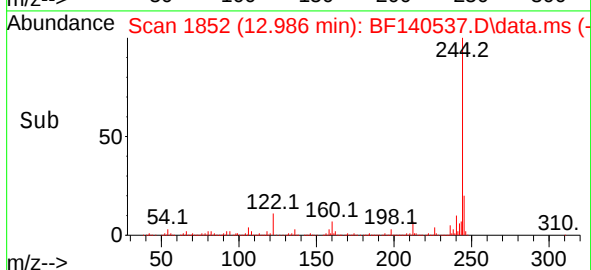
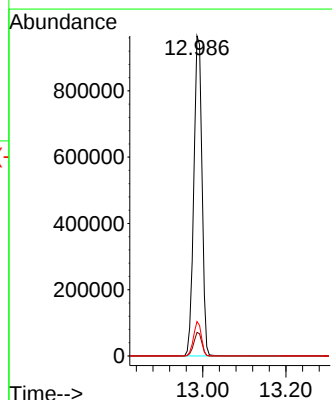
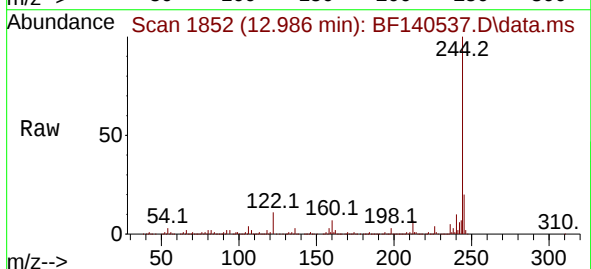
Tgt Ion:244 Resp: 1315938

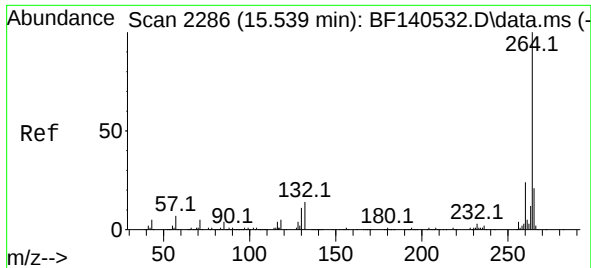
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140537.D
 Acq: 21 Nov 2024 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BL

Tgt Ion:264 Resp: 161923
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.3 16.6 25.0

