

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140593.D
 Acq On : 25 Nov 2024 10:51
 Operator : RC/JU
 Sample : PB165155BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165155BL

Quant Time: Nov 25 12:10:00 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)

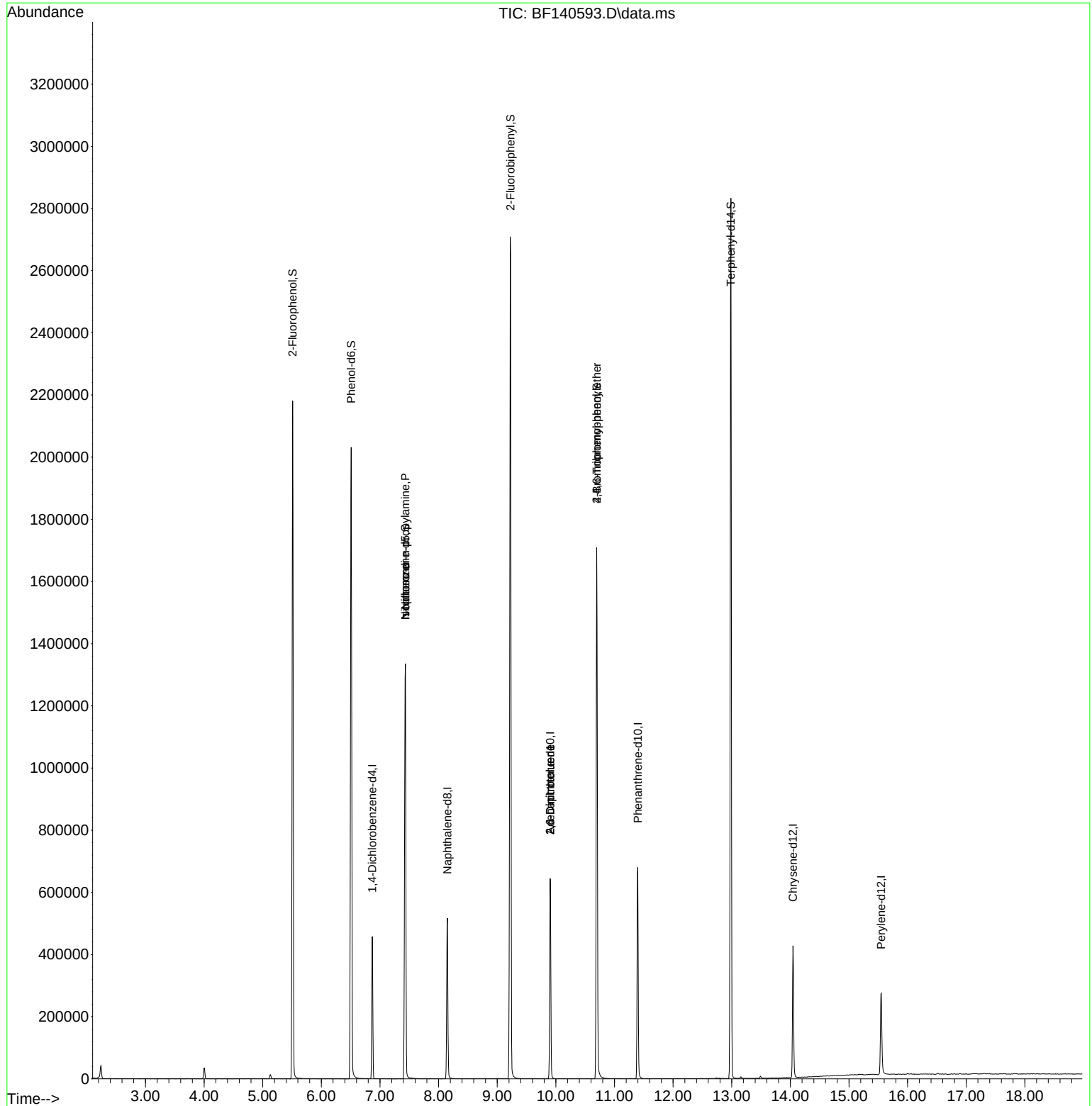
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93972	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358210	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209556	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	400740	20.000	ng	0.00
76) Chrysene-d12	14.045	240	216750	20.000	ng	0.00
86) Perylene-d12	15.551	264	180380	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	822577	149.352	ng	0.01
7) Phenol-d6	6.510	99	1045881	143.641	ng	0.00
23) Nitrobenzene-d5	7.433	82	694088	99.112	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	313655	139.949	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1353963	96.267	ng	0.00
79) Terphenyl-d14	12.986	244	1456219	104.615	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	93661	21.765	ng	# 75
25) Isophorone	7.433	82	681631	58.356	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	25996	8.305	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	25996	6.249	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19412	4.704	ng	# 1

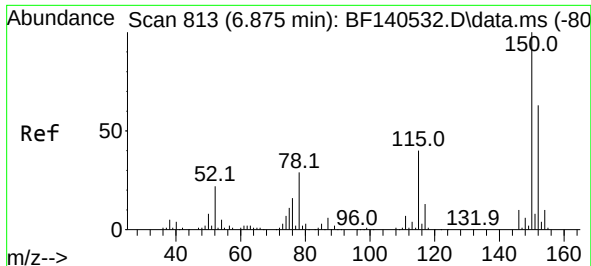
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 12:10:00 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

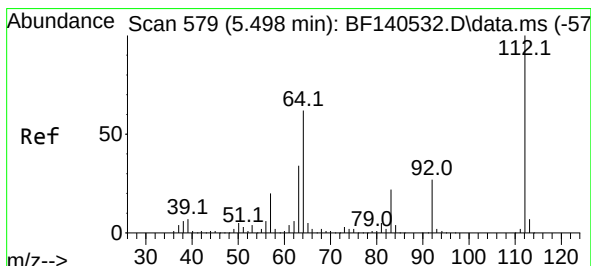
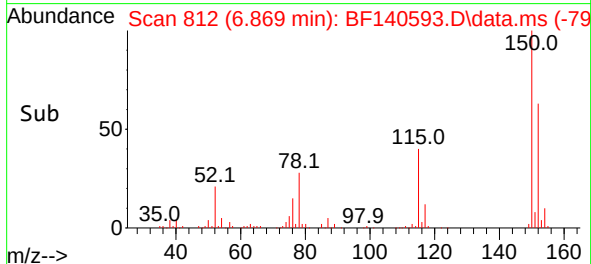
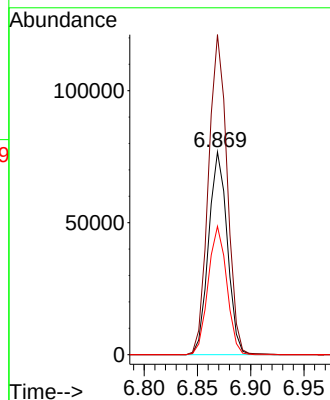
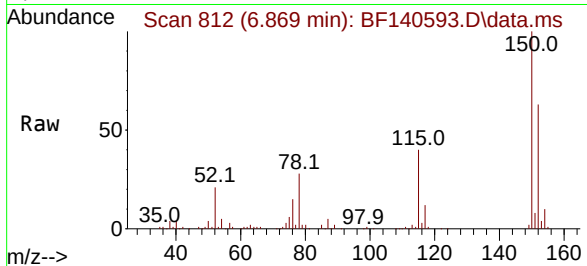




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

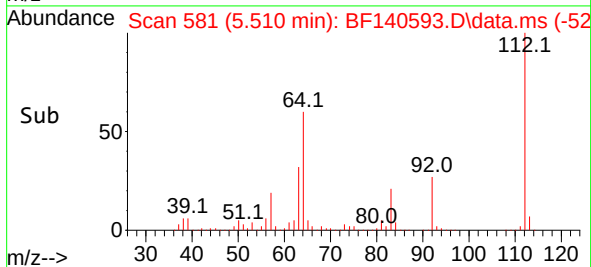
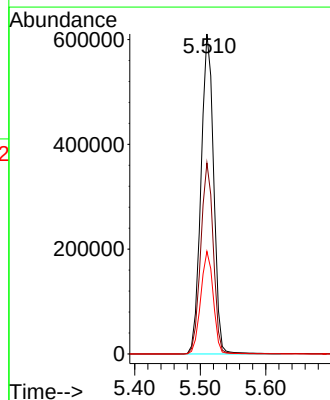
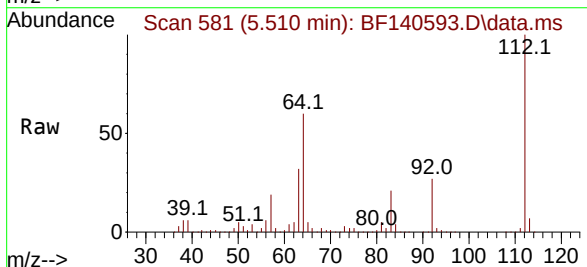
Instrument :
BNA_F
ClientSampleId :
PB165155BL

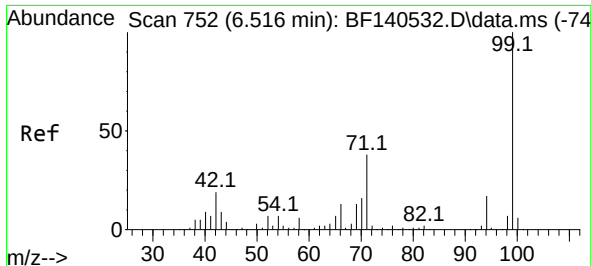
Tgt Ion:152 Resp: 93972
Ion Ratio Lower Upper
152 100
150 157.8 128.5 192.7
115 63.3 50.2 75.4



#5
2-Fluorophenol
Concen: 149.352 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

Tgt Ion:112 Resp: 822577
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 32.1 27.0 40.4

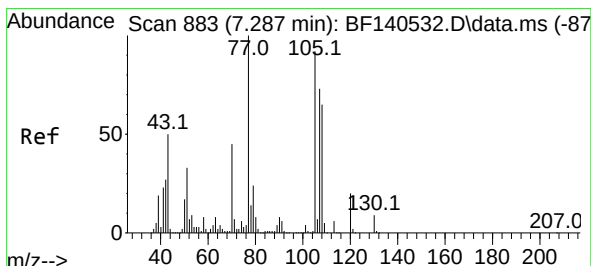
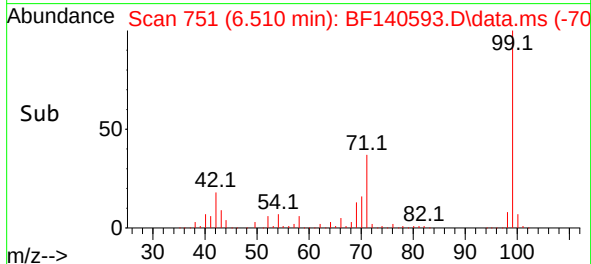
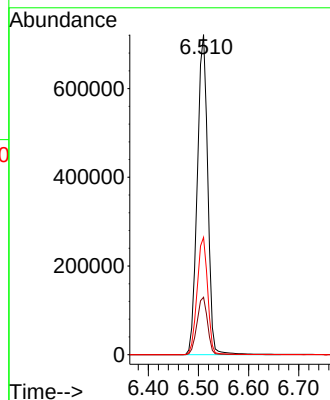
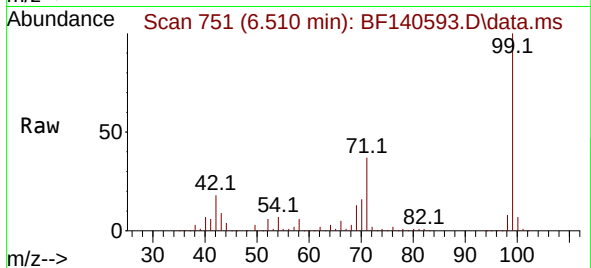




#7
Phenol-d6
Concen: 143.641 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

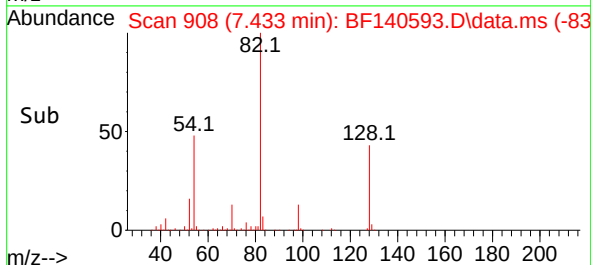
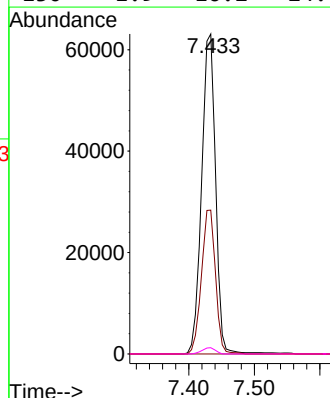
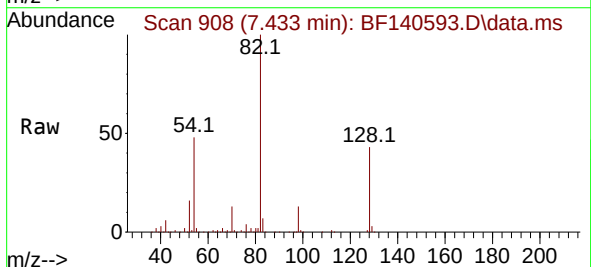
Instrument :
BNA_F
ClientSampleId :
PB165155BL

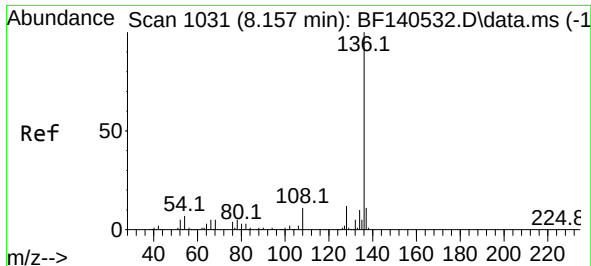
Tgt Ion: 99 Resp: 1045881
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.765 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

Tgt Ion: 70 Resp: 93661
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

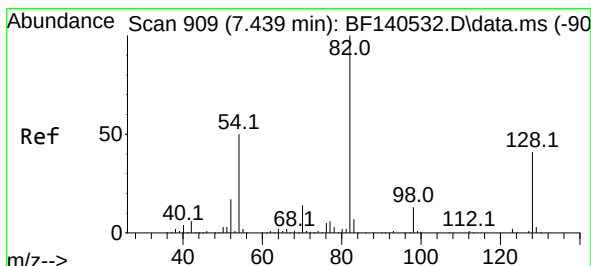
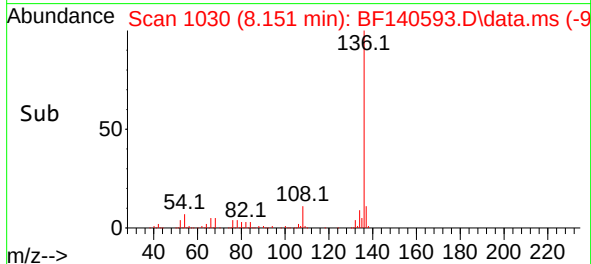
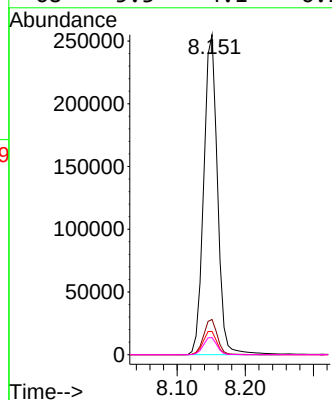
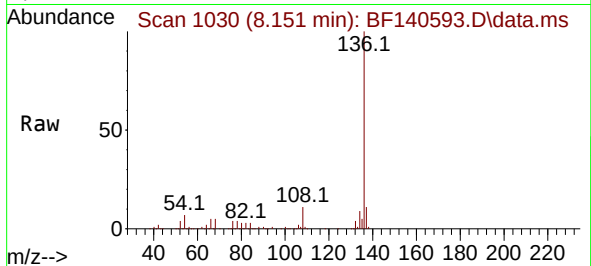




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

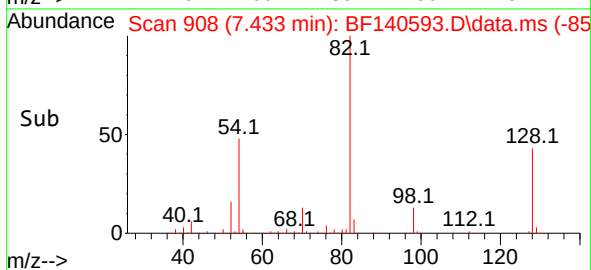
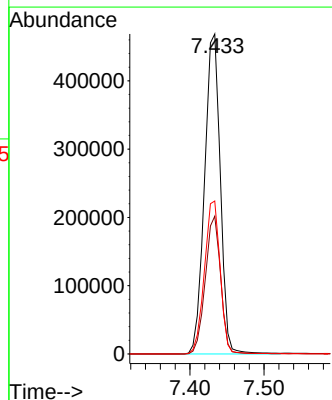
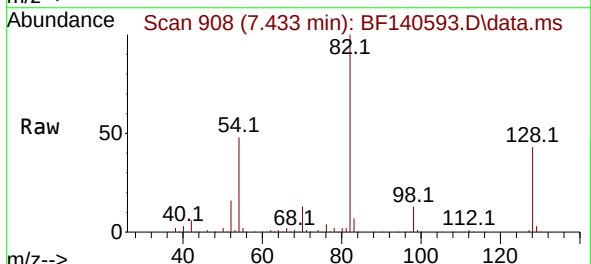
Instrument :
BNA_F
ClientSampleId :
PB165155BL

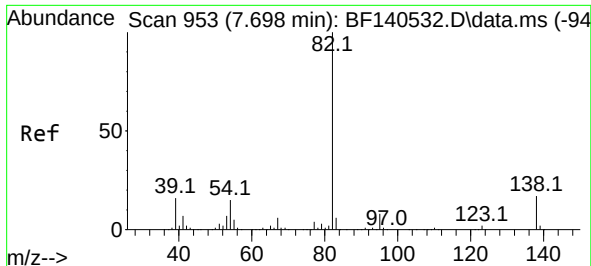
Tgt Ion:136 Resp: 358210
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 5.8 8.8
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.112 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

Tgt Ion: 82 Resp: 694088
Ion Ratio Lower Upper
82 100
128 43.0 33.0 49.4
54 47.8 39.5 59.3

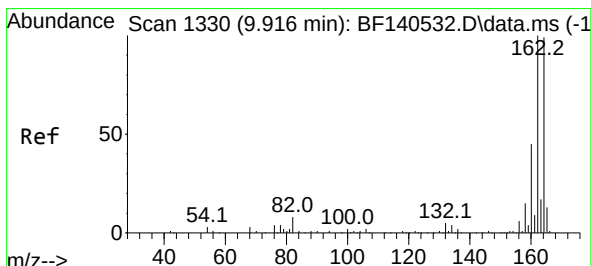
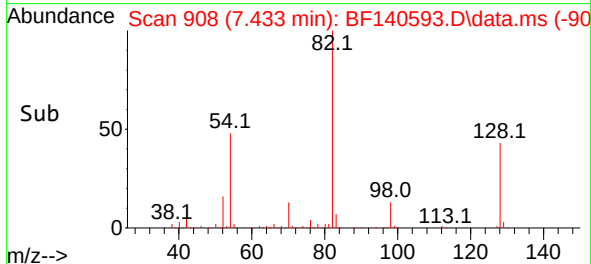
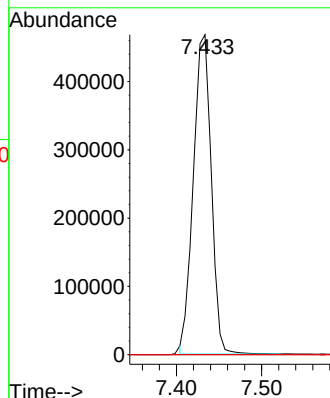
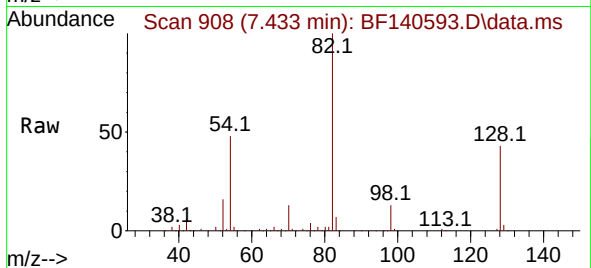




#25
Isophorone
Concen: 58.356 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

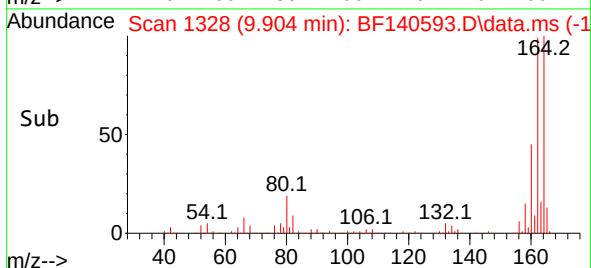
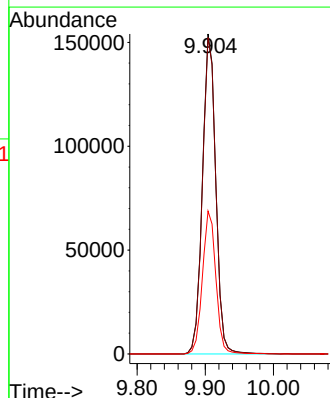
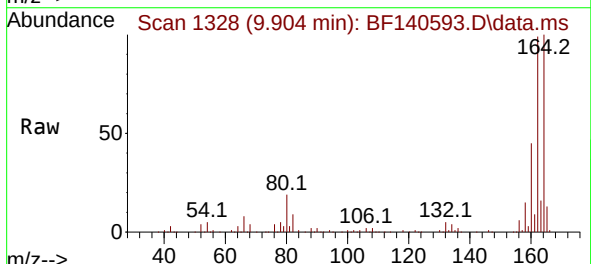
Instrument :
BNA_F
ClientSampleId :
PB165155BL

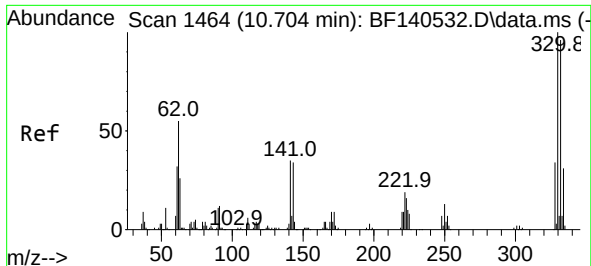
Tgt Ion: 82 Resp: 681631
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

Tgt Ion:164 Resp: 209556
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.949 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

Instrument :

BNA_F

ClientSampleId :

PB165155BL

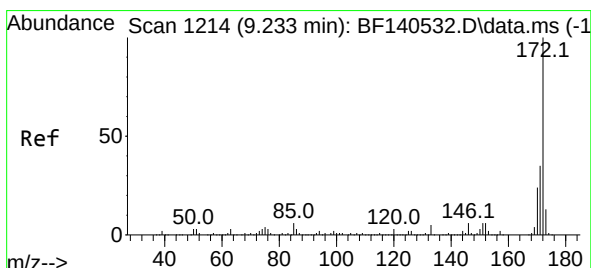
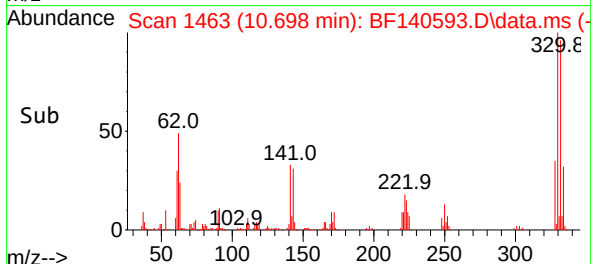
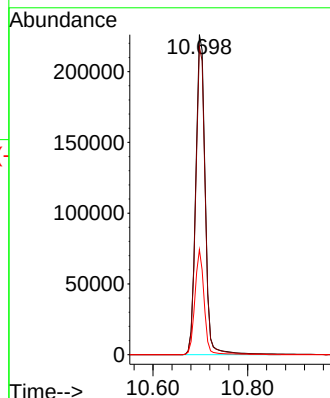
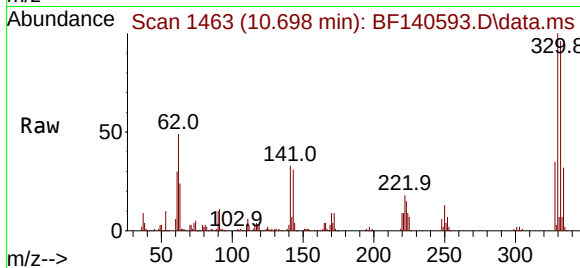
Tgt Ion:330 Resp: 313655

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 96.267 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

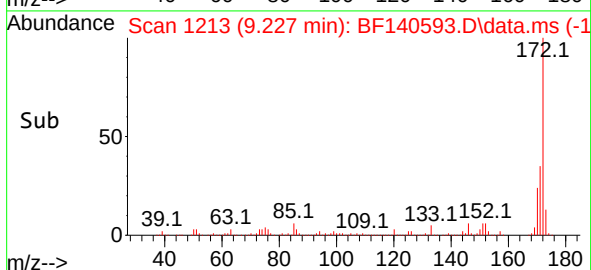
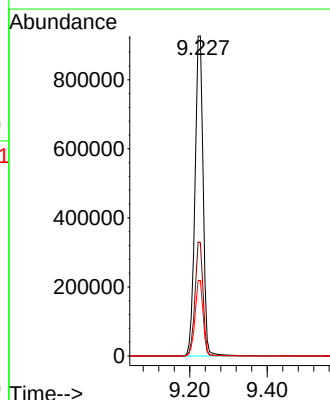
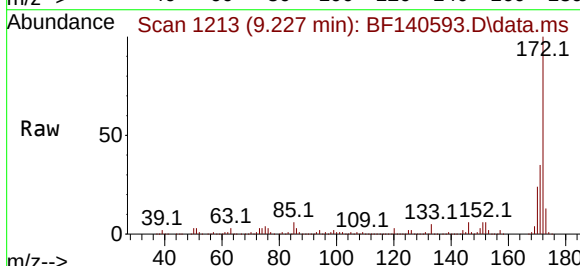
Tgt Ion:172 Resp: 1353963

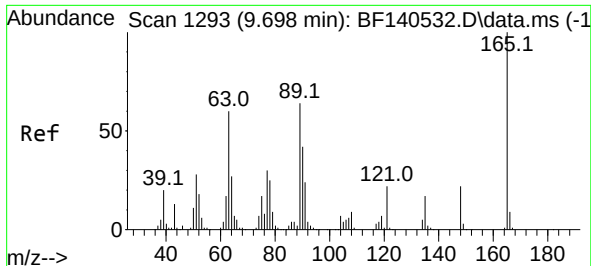
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.305 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

Instrument :

BNA_F

ClientSampleId :

PB165155BL

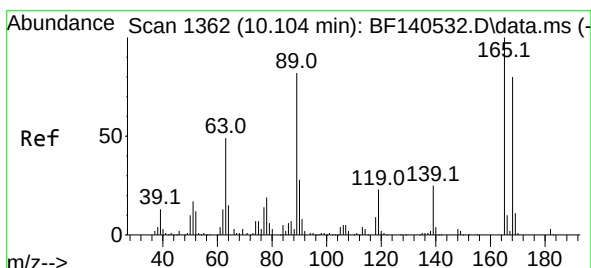
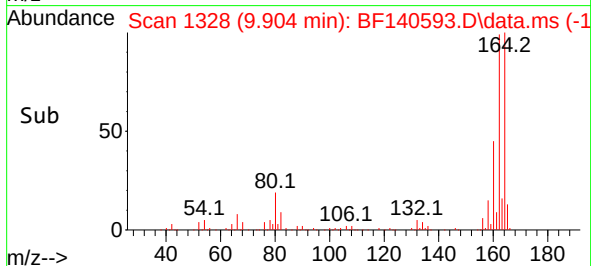
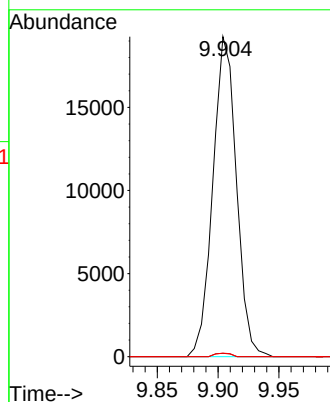
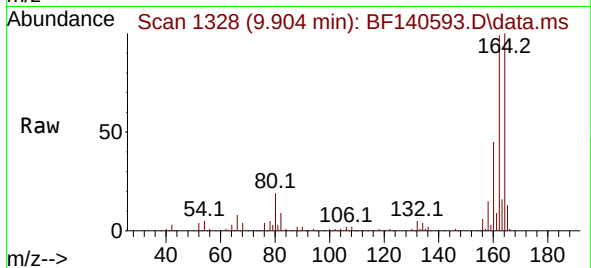
Tgt Ion:165 Resp: 25996

Ion Ratio Lower Upper

165 100

63 1.1 49.9 74.9#

89 1.1 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.249 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

Tgt Ion:165 Resp: 25996

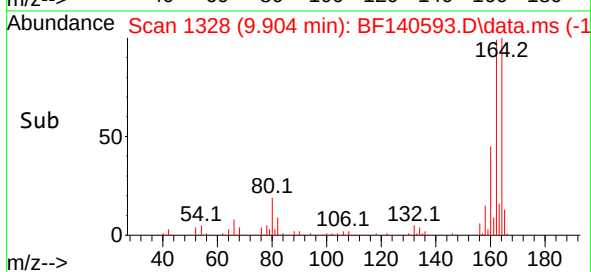
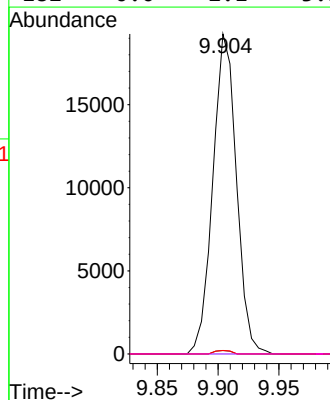
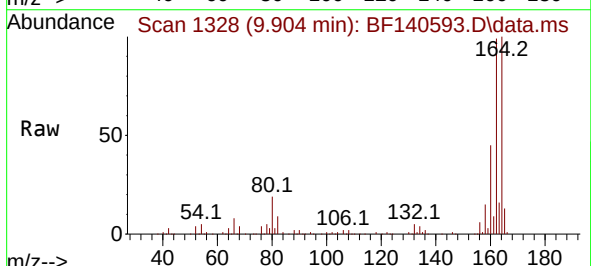
Ion Ratio Lower Upper

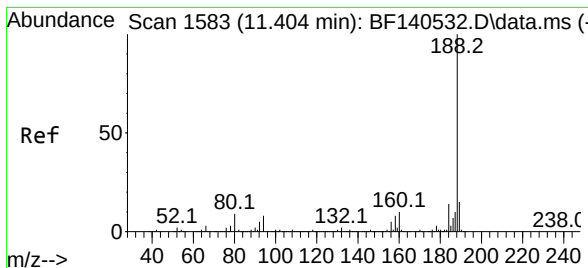
165 100

63 1.1 41.7 62.5#

89 1.1 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: BF140593.D

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PB165155BL

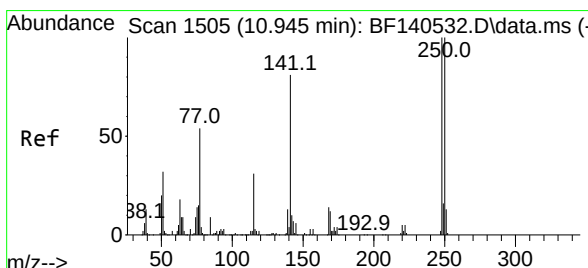
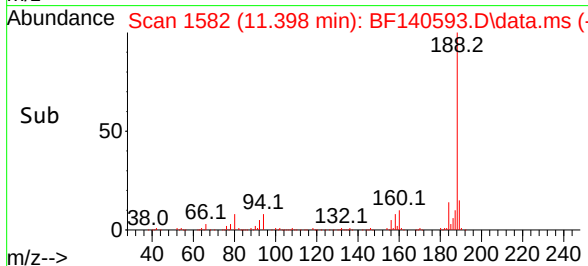
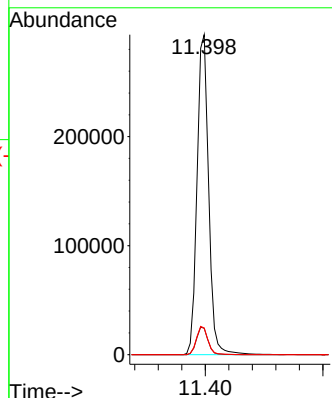
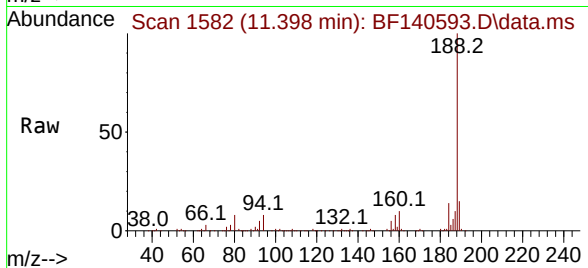
Tgt Ion:188 Resp: 400740

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.704 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

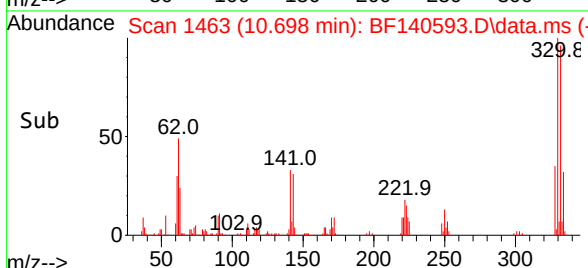
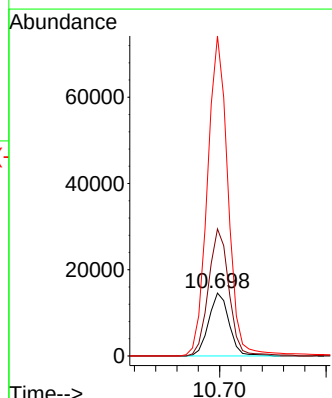
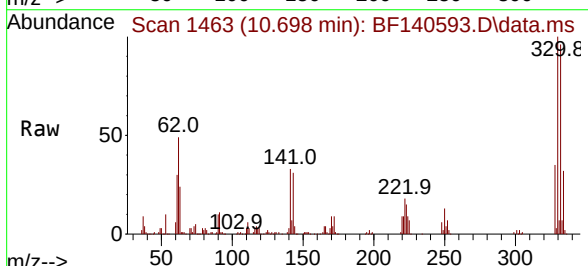
Tgt Ion:248 Resp: 19412

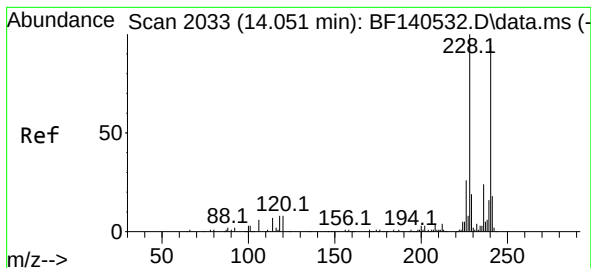
Ion Ratio Lower Upper

248 100

250 201.8 79.8 119.8#

141 508.5 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: BF140593.D

Acq: 25 Nov 2024 10:51

Instrument :

BNA_F

ClientSampleId :

PB165155BL

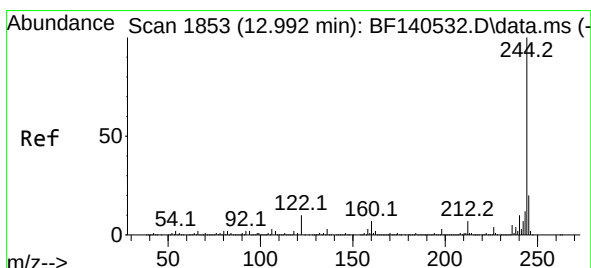
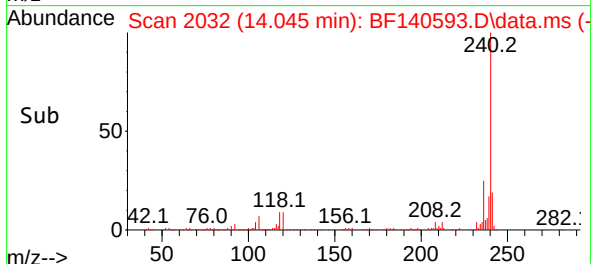
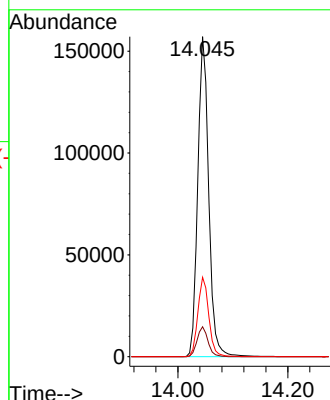
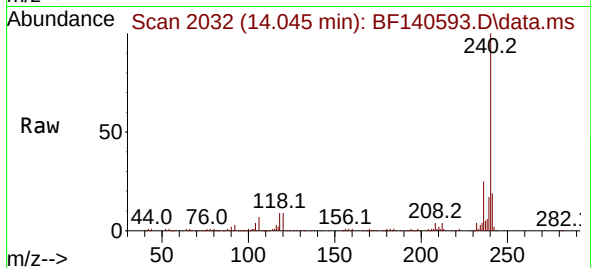
Tgt Ion:240 Resp: 216750

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 24.8 20.6 31.0



#79

Terphenyl-d14

Concen: 104.615 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140593.D

Acq: 25 Nov 2024 10:51

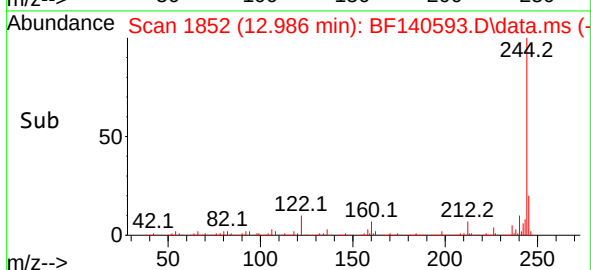
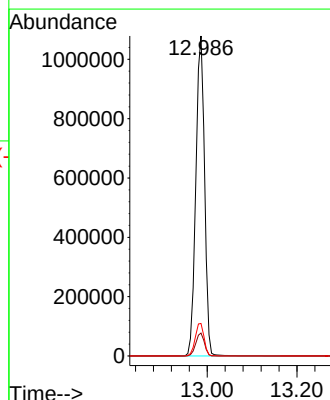
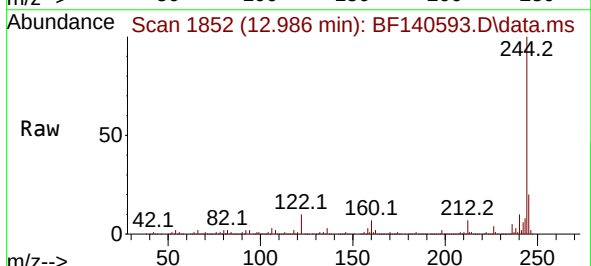
Tgt Ion:244 Resp: 1456219

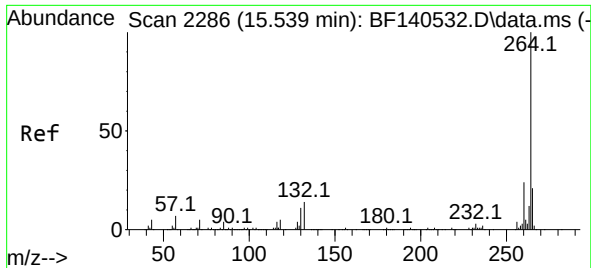
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140593.D
Acq: 25 Nov 2024 10:51

Instrument :
BNA_F
ClientSampleId :
PB165155BL

Tgt Ion:264 Resp: 180380

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.9	16.6	25.0

