

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140601.D
 Acq On : 25 Nov 2024 14:28
 Operator : RC/JU
 Sample : PB165152BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165152BL

Quant Time: Nov 25 14:56:23 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)

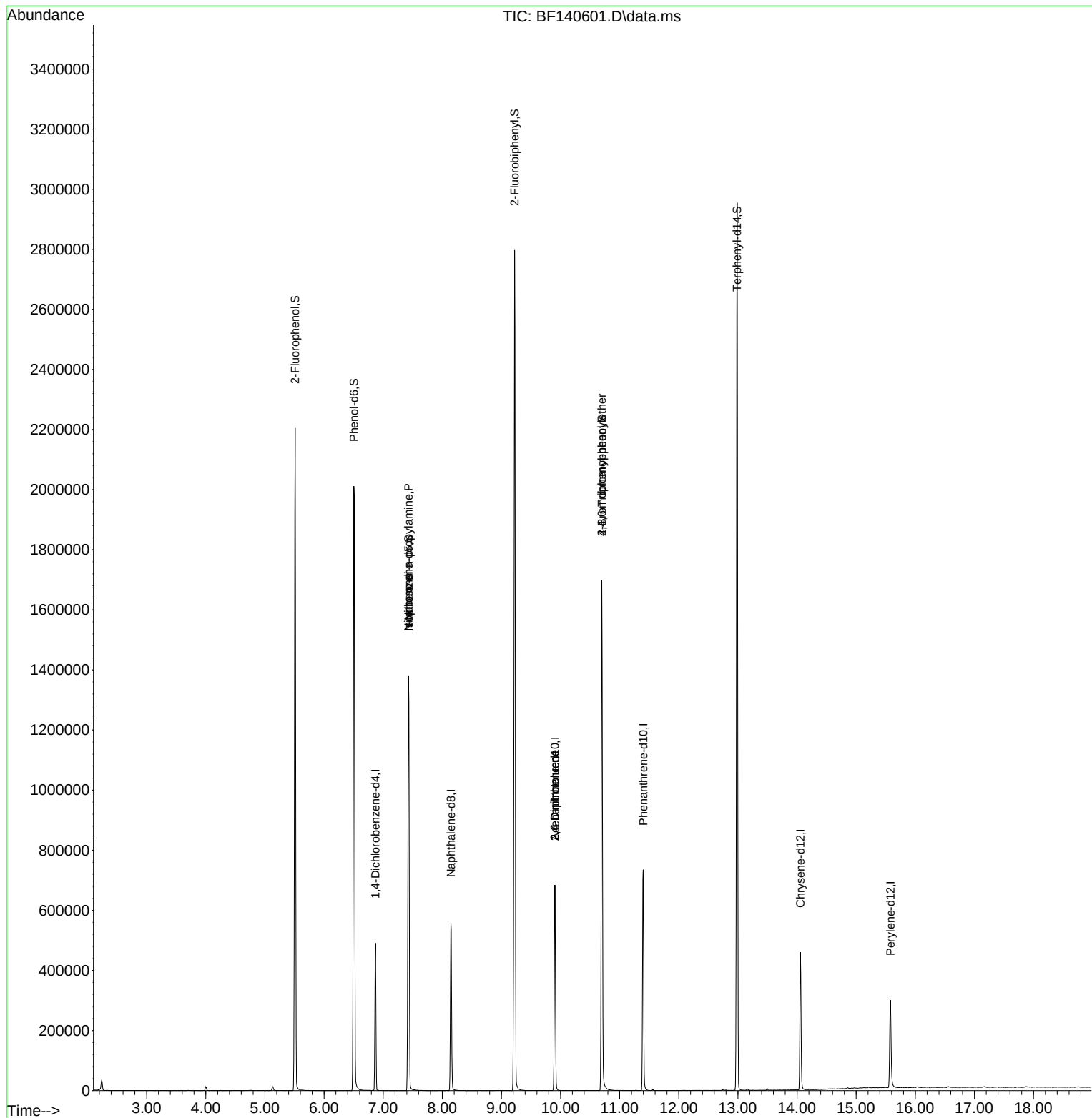
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105039	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	390263	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	219360	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	422337	20.000	ng	0.00
76) Chrysene-d12	14.057	240	238471	20.000	ng	0.00
86) Perylene-d12	15.580	264	201118	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	839893	136.429	ng	0.01
7) Phenol-d6	6.504	99	1064236	130.762	ng	-0.01
23) Nitrobenzene-d5	7.428	82	703826	92.248	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	313171	133.487	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1378620	93.639	ng	-0.01
79) Terphenyl-d14	12.986	244	1503320	98.161	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94313	19.608	ng	# 76
25) Isophorone	7.428	82	695323	54.639	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	27994	8.544	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	27994	6.429	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19788	4.550	ng	# 1

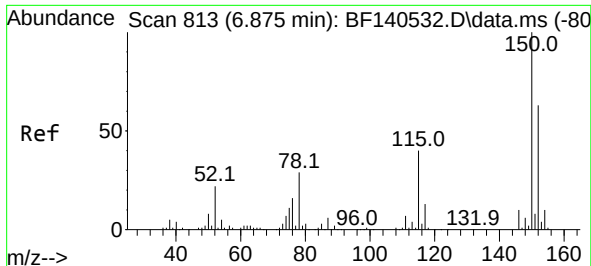
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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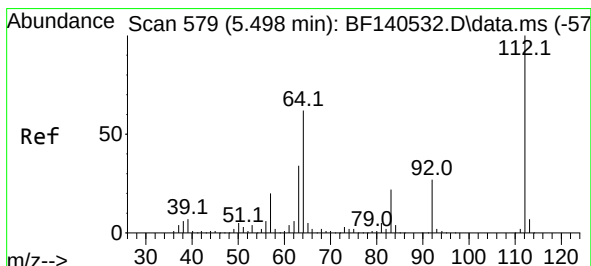
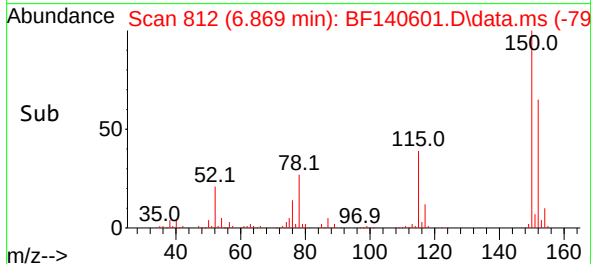
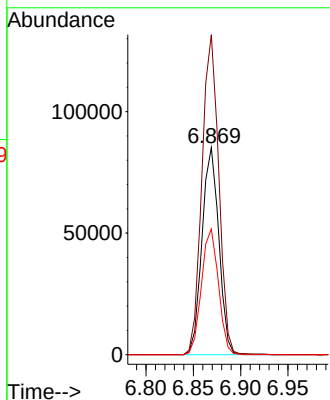
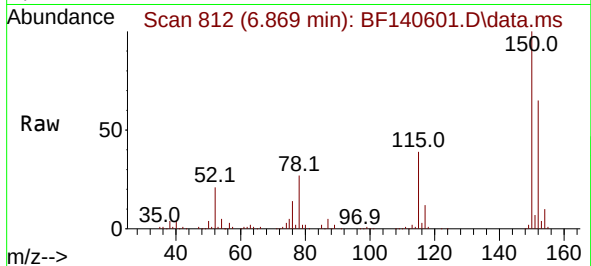




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

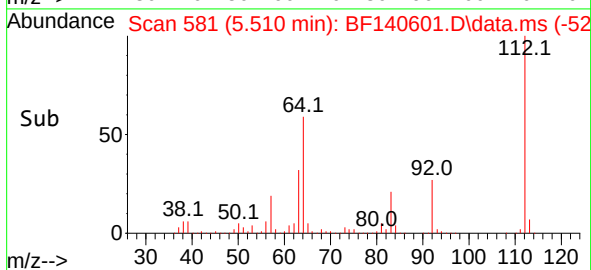
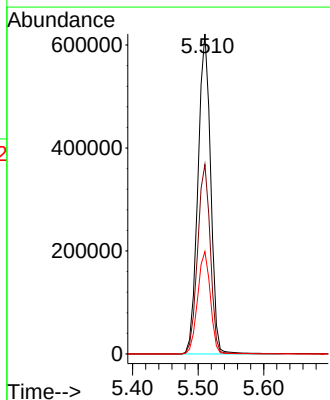
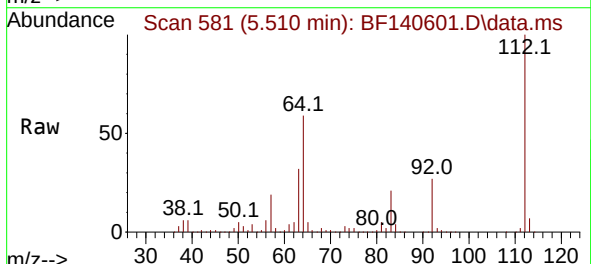
Instrument :
BNA_F
ClientSampleId :
PB165152BL

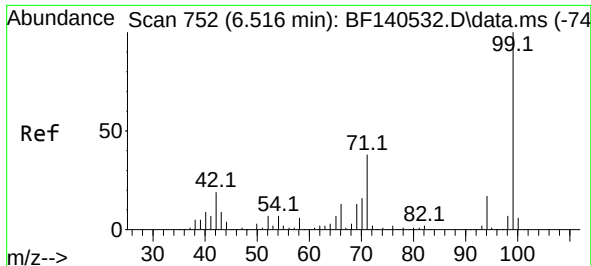
Tgt Ion:152 Resp: 105039
Ion Ratio Lower Upper
152 100
150 154.5 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 136.429 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

Tgt Ion:112 Resp: 839893
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 32.0 27.0 40.4

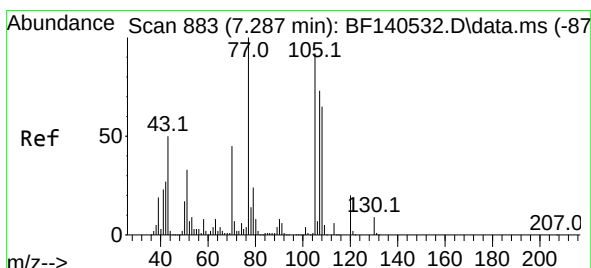
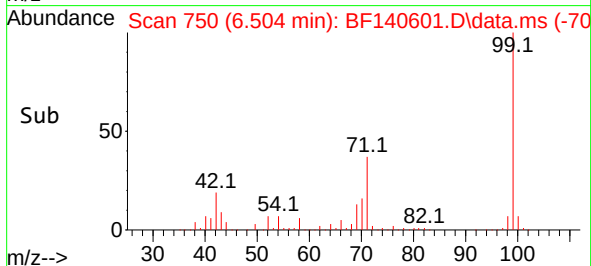
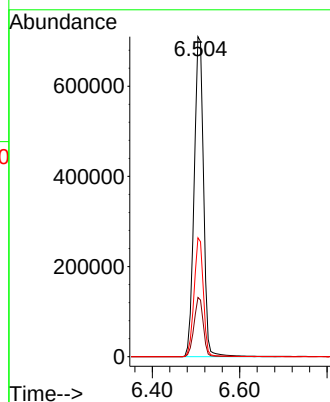
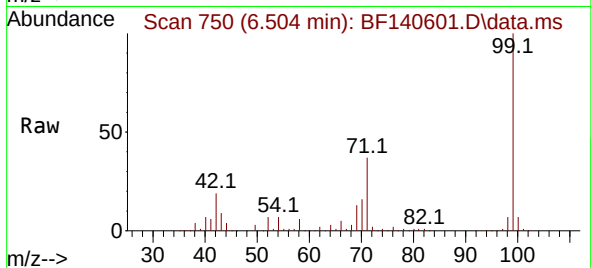




#7
Phenol-d6
Concen: 130.762 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

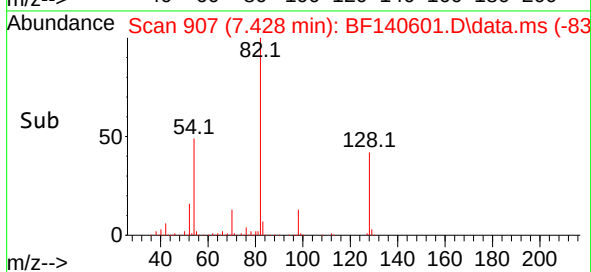
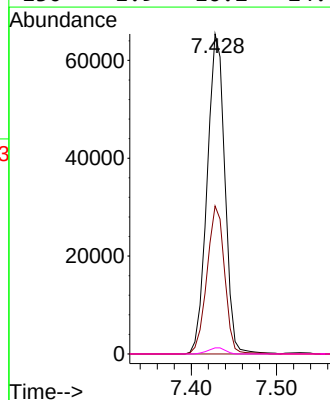
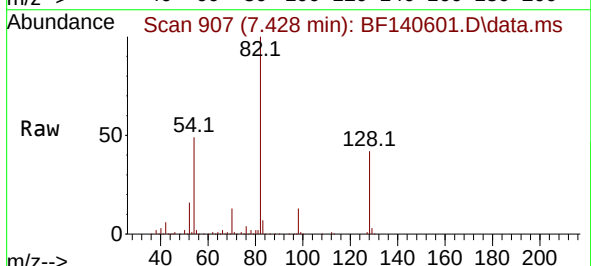
Instrument :
BNA_F
ClientSampleId :
PB165152BL

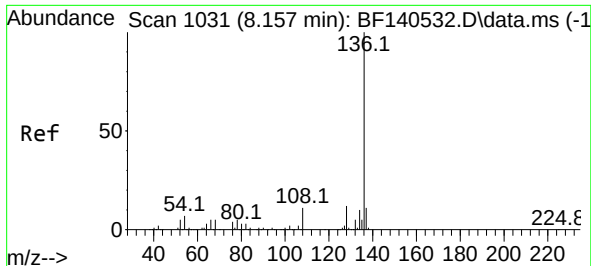
Tgt Ion: 99 Resp: 1064236
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.608 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

Tgt Ion: 70 Resp: 94313
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

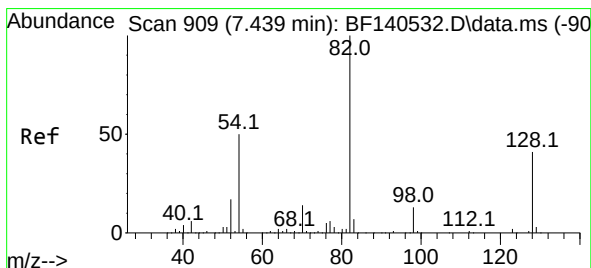
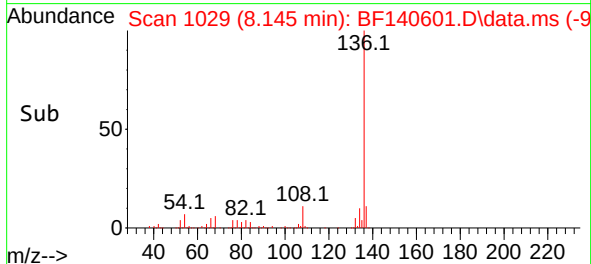
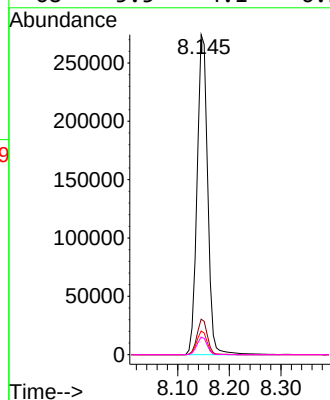
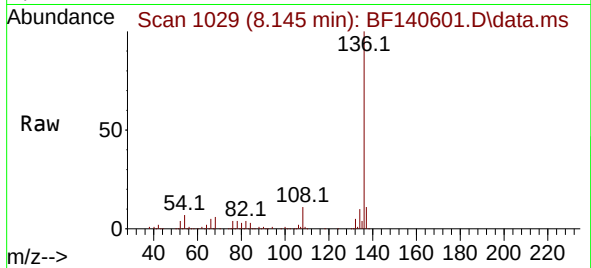




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

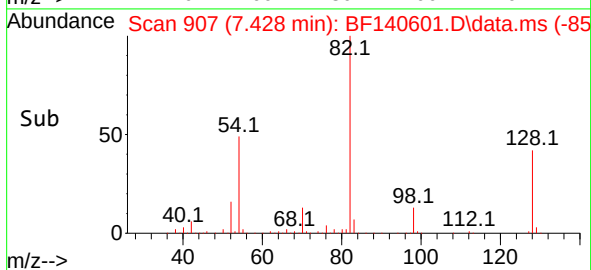
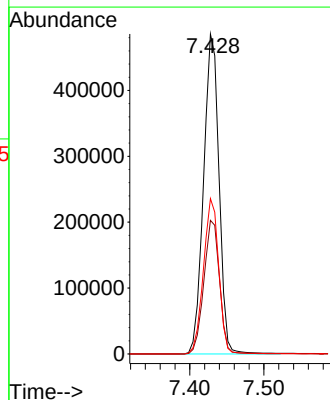
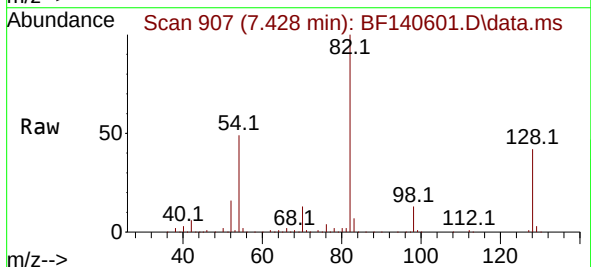
Instrument :
BNA_F
ClientSampleId :
PB165152BL

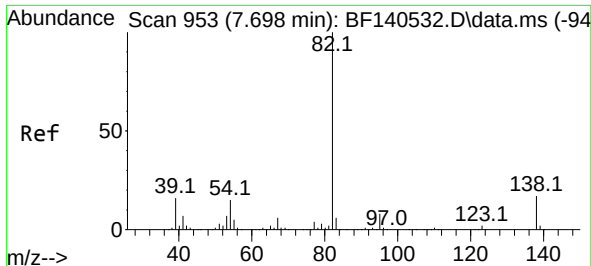
Tgt Ion:136 Resp: 390263
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.4 5.8 8.8
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.248 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

Tgt Ion: 82 Resp: 703826
Ion Ratio Lower Upper
82 100
128 41.8 33.0 49.4
54 48.5 39.5 59.3

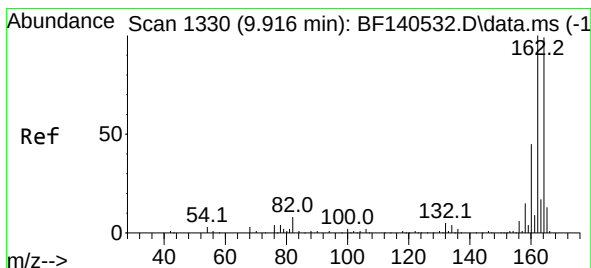
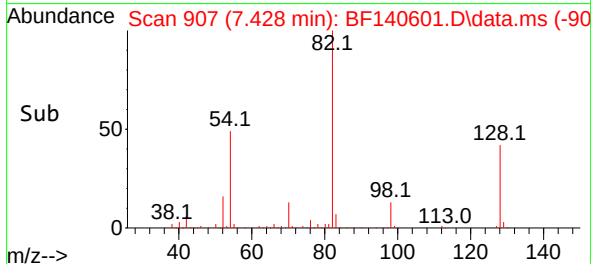
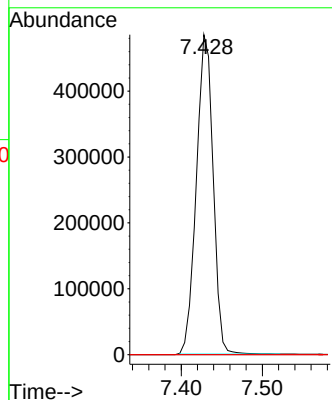
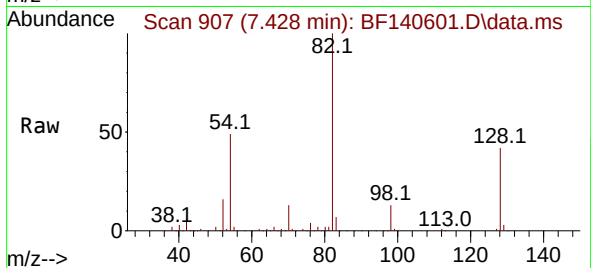




#25
Isophorone
Concen: 54.639 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

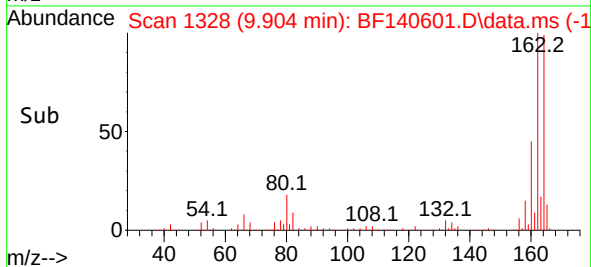
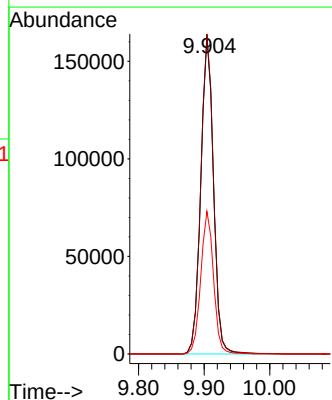
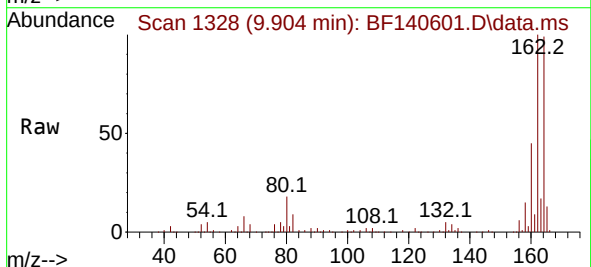
Instrument :
BNA_F
ClientSampleId :
PB165152BL

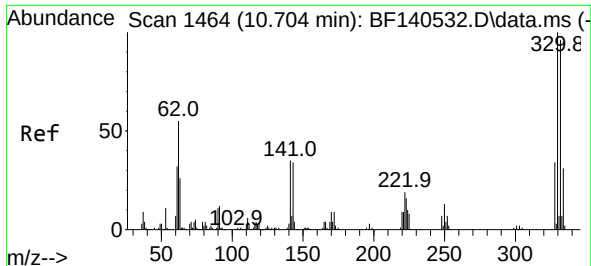
Tgt Ion: 82 Resp: 695323
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

Tgt Ion: 164 Resp: 219360
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 133.487 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140601.D

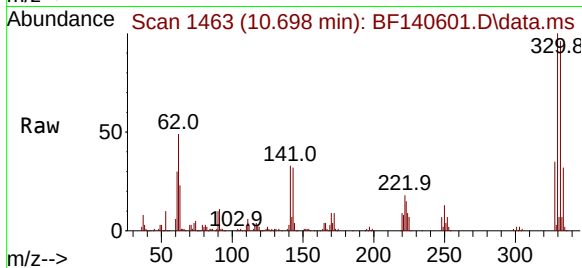
Acq: 25 Nov 2024 14:28

Instrument :

BNA_F

ClientSampleId :

PB165152BL



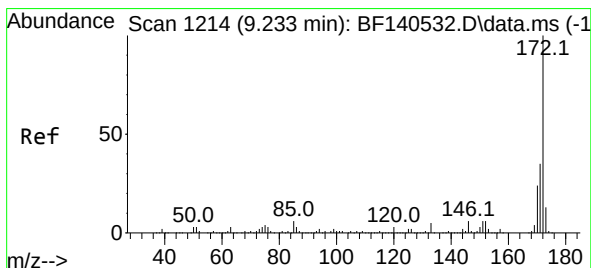
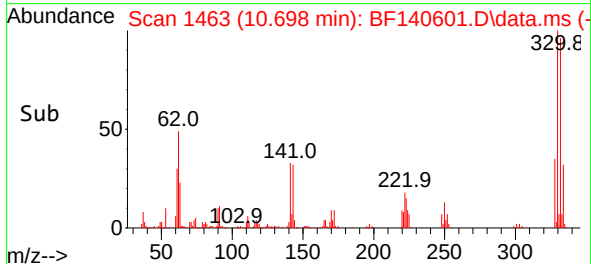
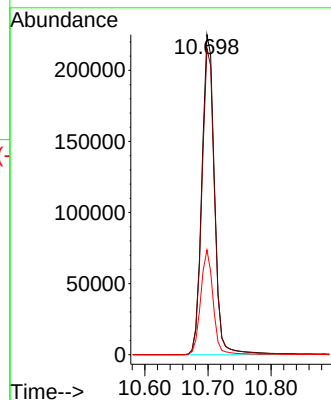
Tgt Ion:330 Resp: 313171

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 93.639 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140601.D

Acq: 25 Nov 2024 14:28

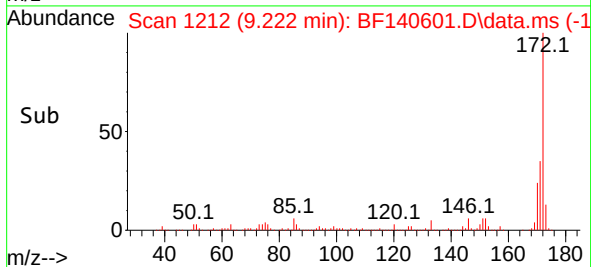
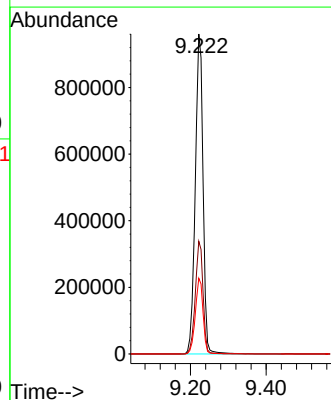
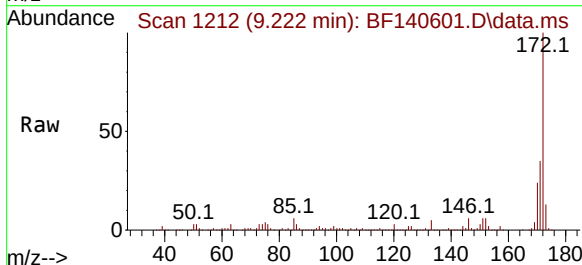
Tgt Ion:172 Resp: 1378620

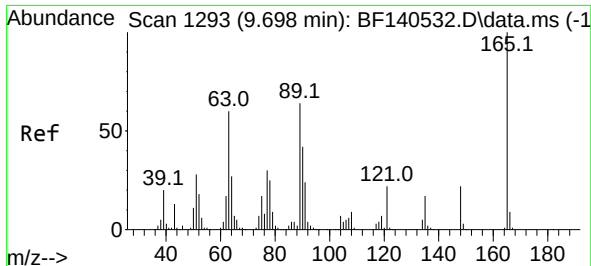
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 19.0 28.6

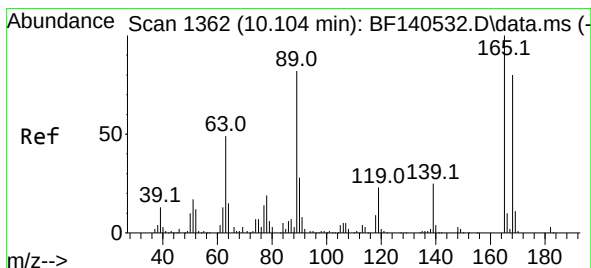
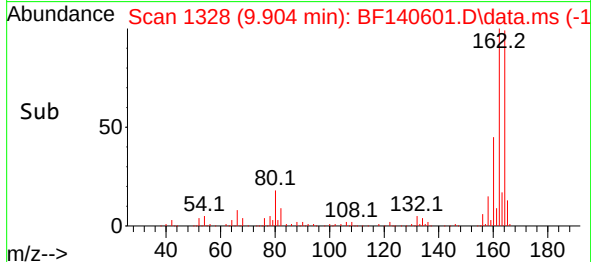
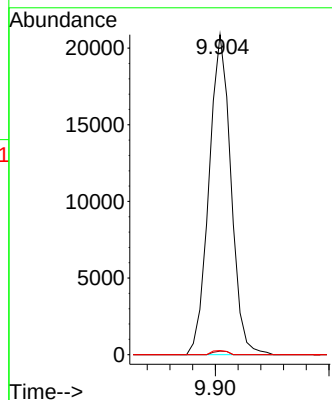
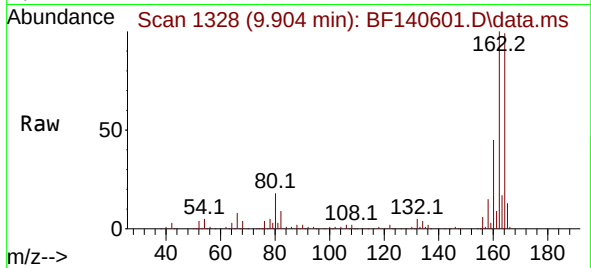




#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

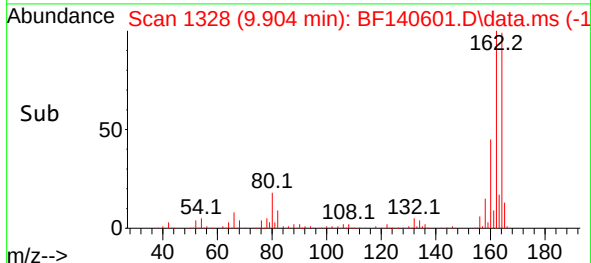
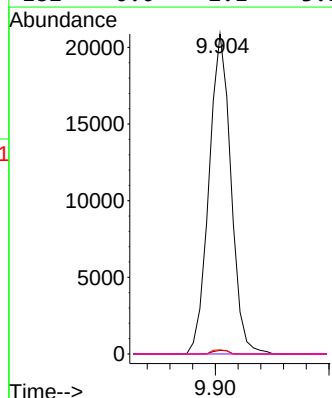
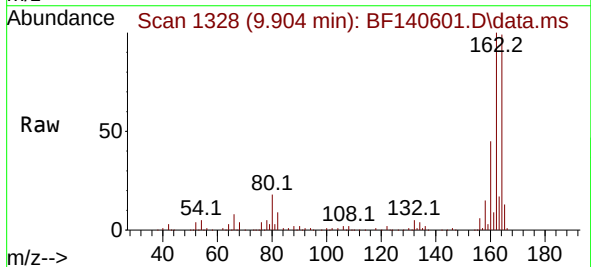
Instrument :
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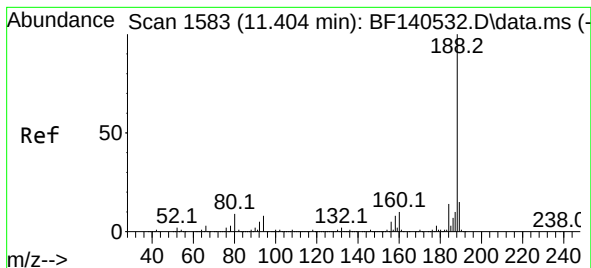
Tgt Ion:165 Resp: 27994
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140601.D
Acq: 25 Nov 2024 14:28

Tgt Ion:165 Resp: 27994
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140601.D

Acq: 25 Nov 2024 14:28

Instrument :

BNA_F

ClientSampleId :

PB165152BL

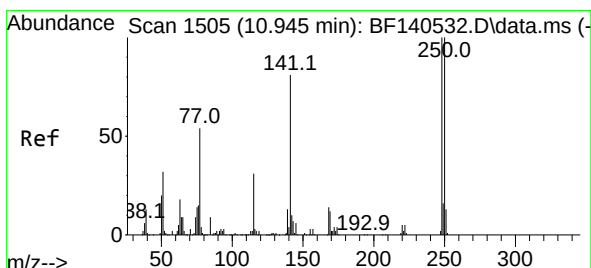
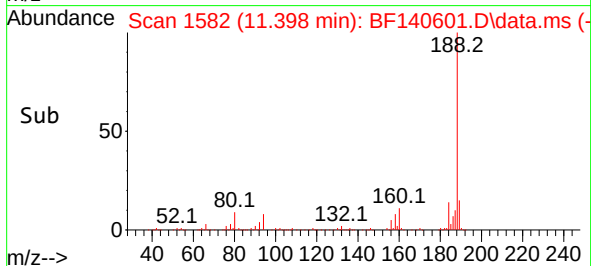
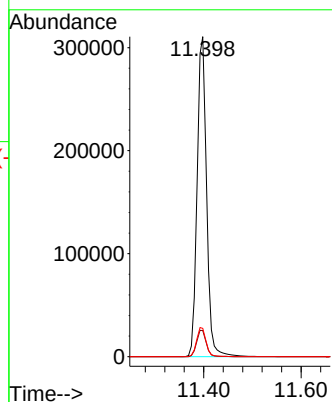
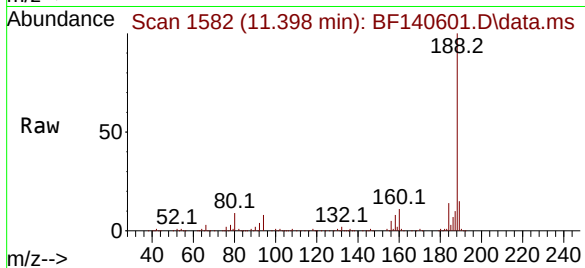
Tgt Ion:188 Resp: 422337

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.550 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140601.D

Acq: 25 Nov 2024 14:28

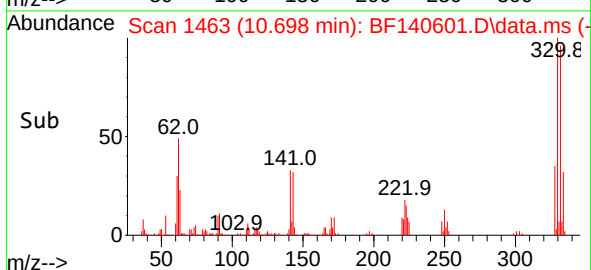
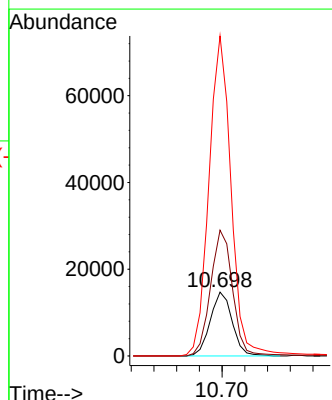
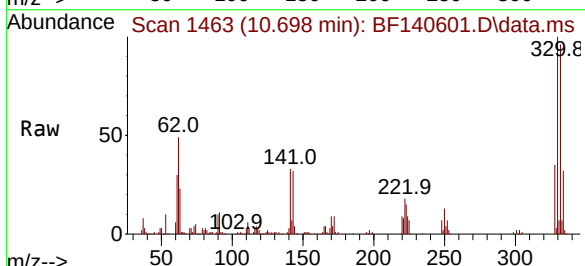
Tgt Ion:248 Resp: 19788

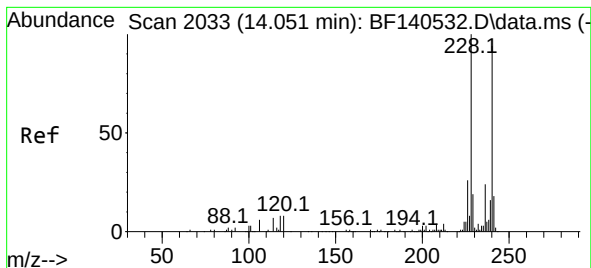
Ion Ratio Lower Upper

248 100

250 196.8 79.8 119.8#

141 500.8 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: BF140601.D

Acq: 25 Nov 2024 14:28

Instrument :

BNA_F

ClientSampleId :

PB165152BL

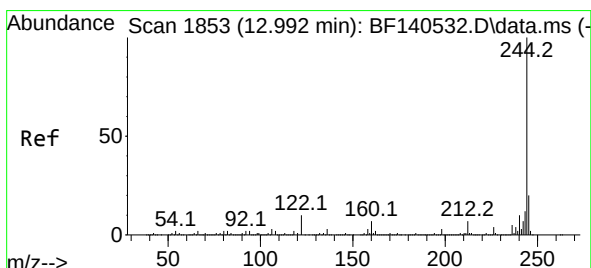
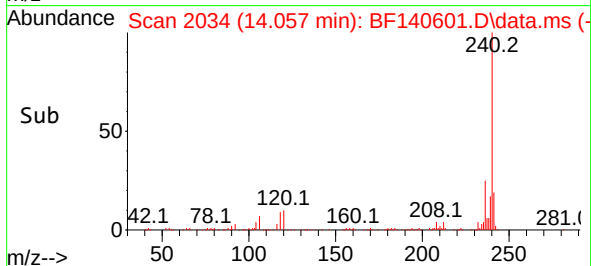
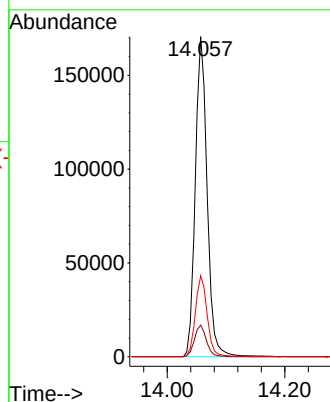
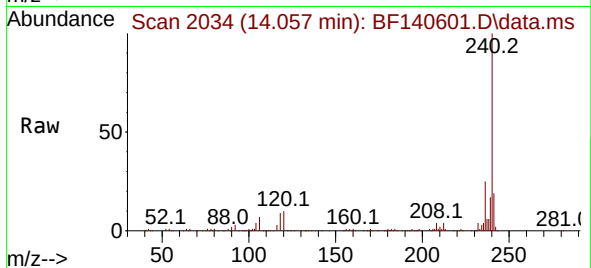
Tgt Ion:240 Resp: 238471

Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 98.161 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140601.D

Acq: 25 Nov 2024 14:28

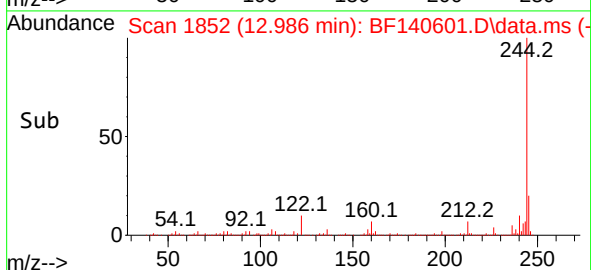
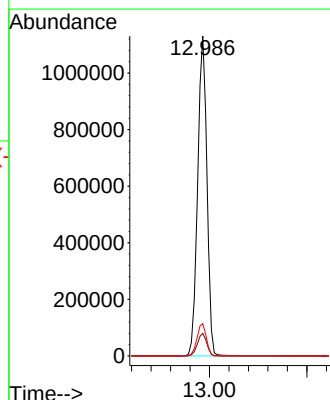
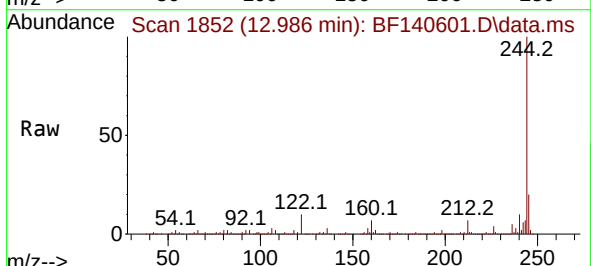
Tgt Ion:244 Resp: 1503320

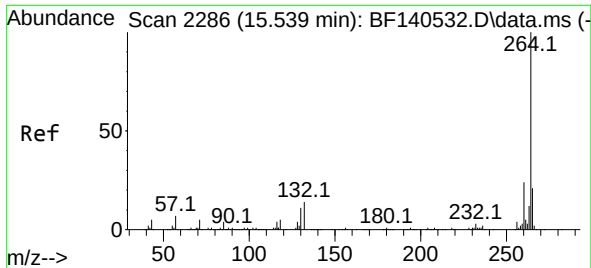
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF140601.D
 Acq: 25 Nov 2024 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB165152BL

Tgt Ion:264 Resp: 201118
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.5 16.6 25.0

