

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140685.D
 Acq On : 02 Dec 2024 12:15
 Operator : RC/JU
 Sample : PB165294BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165294BL

Quant Time: Dec 02 13:03:03 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)

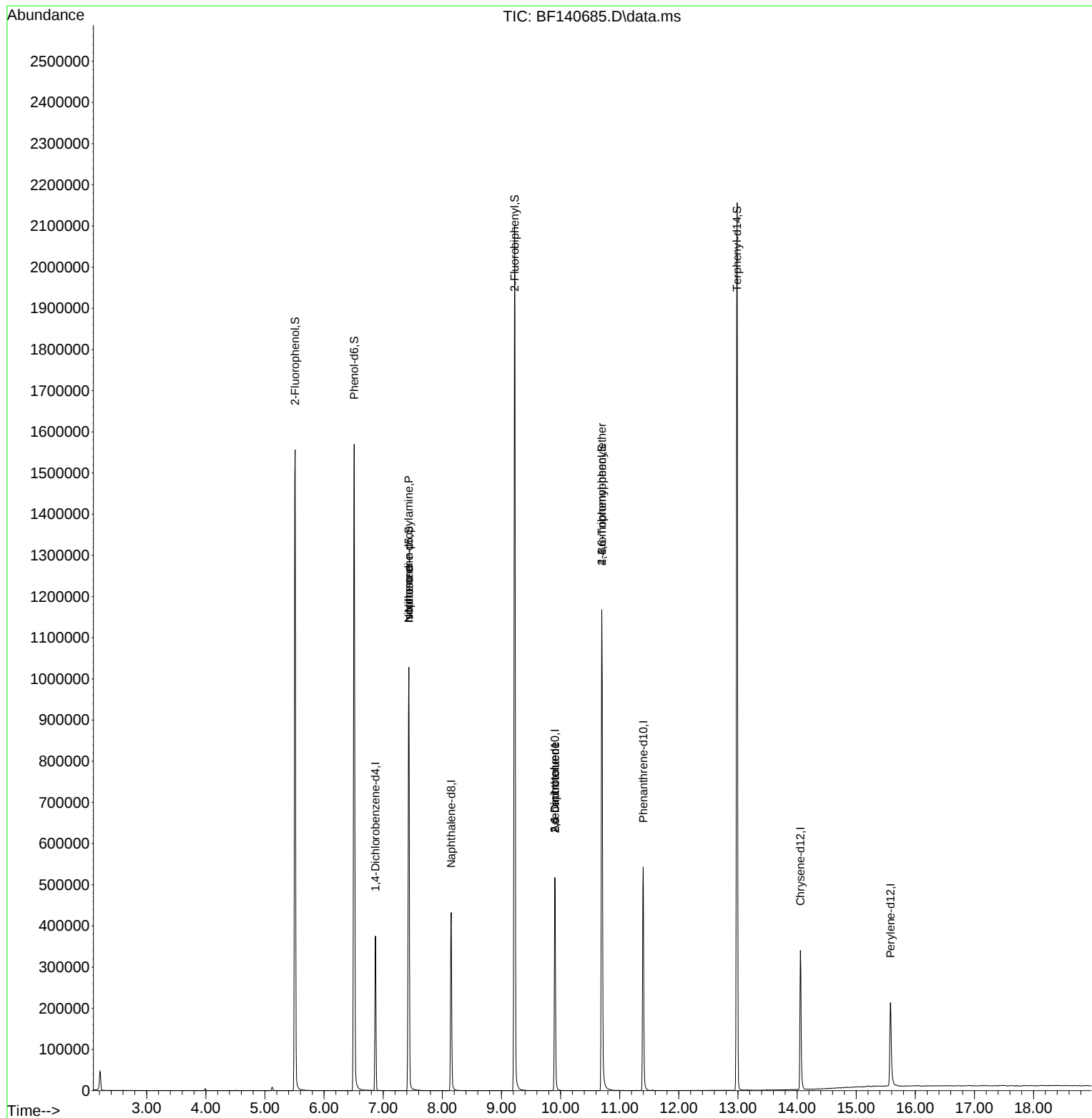
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79973	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	298135	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	166068	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	327153	20.000	ng	0.00
76) Chrysene-d12	14.057	240	188803	20.000	ng	0.00
86) Perylene-d12	15.580	264	154328	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	609353	130.004	ng	0.01
7) Phenol-d6	6.510	99	784283	126.568	ng	0.00
23) Nitrobenzene-d5	7.434	82	508647	87.267	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	221209	124.547	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	996583	89.412	ng	-0.01
79) Terphenyl-d14	12.986	244	1116123	92.051	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	67019	18.300	ng	# 75
25) Isophorone	7.434	82	502245	51.662	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21544	8.685	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21544	6.535	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	14313	4.248	ng	# 1

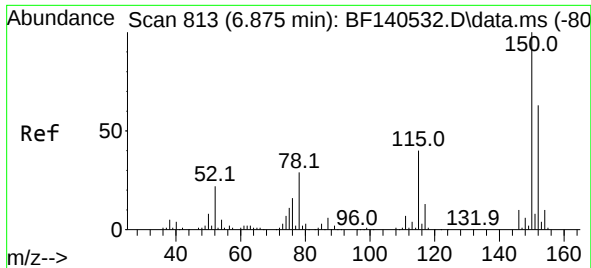
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140685.D
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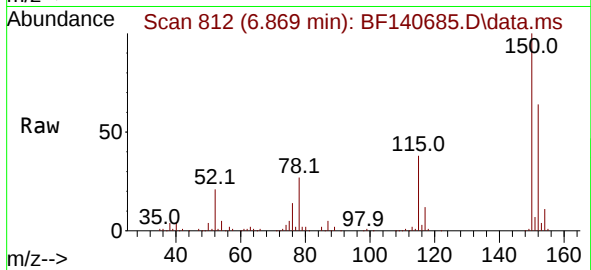
Quant Time: Dec 02 13:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



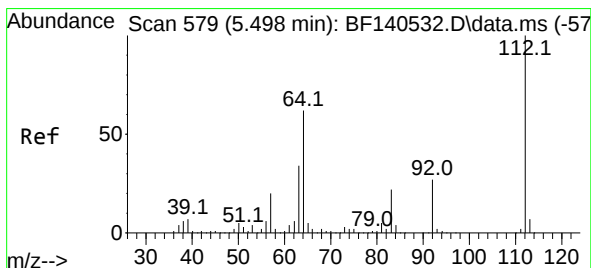
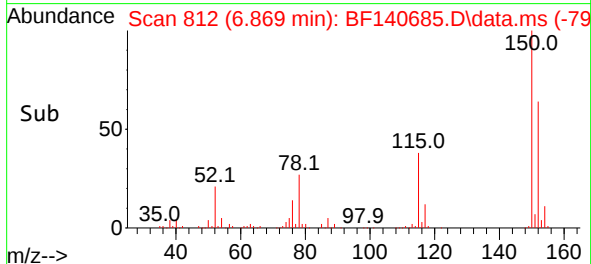
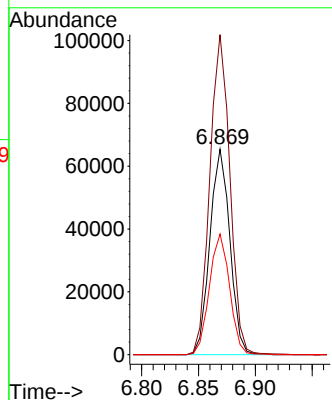


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

Instrument :
BNA_F
ClientSampleId :
PB165294BL

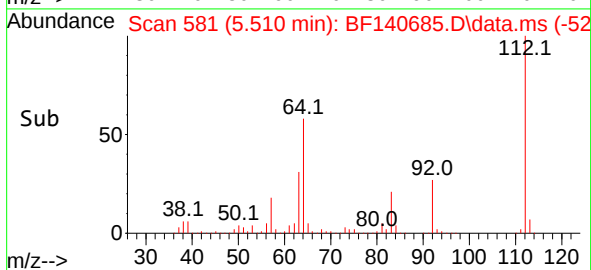
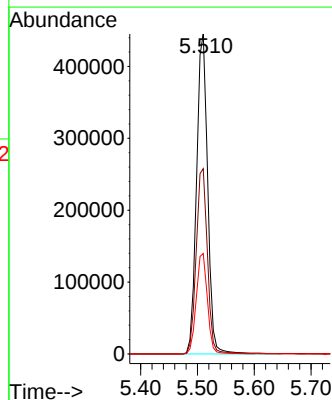
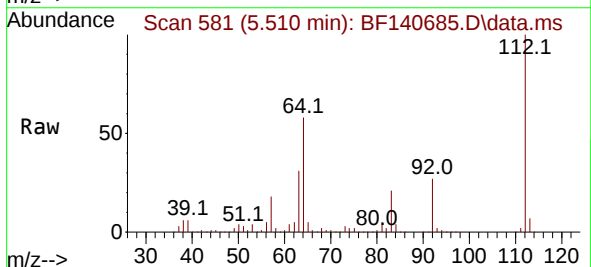


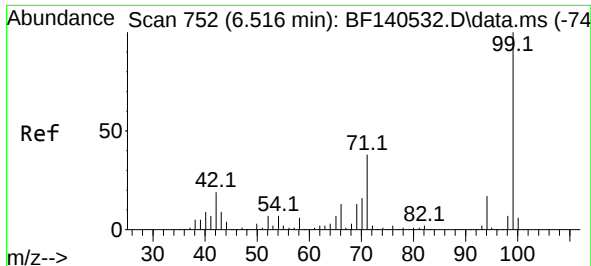
Tgt Ion:152 Resp: 79973
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 58.7 50.2 75.4



#5
2-Fluorophenol
Concen: 130.004 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

Tgt Ion:112 Resp: 609353
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.4 27.0 40.4

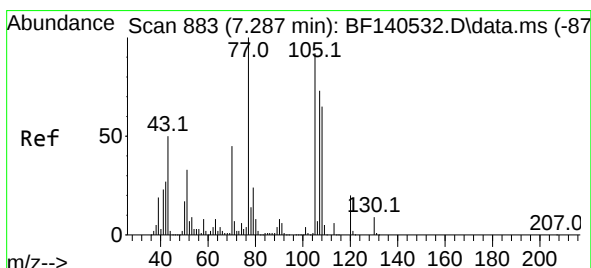
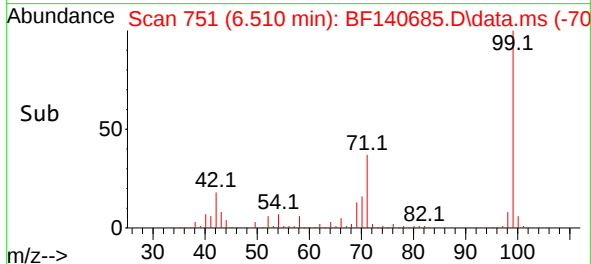
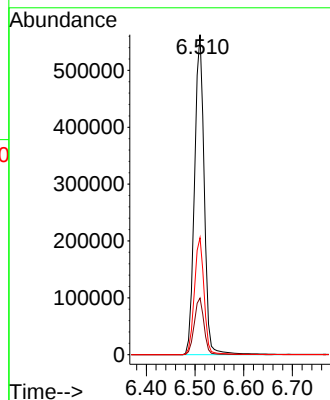
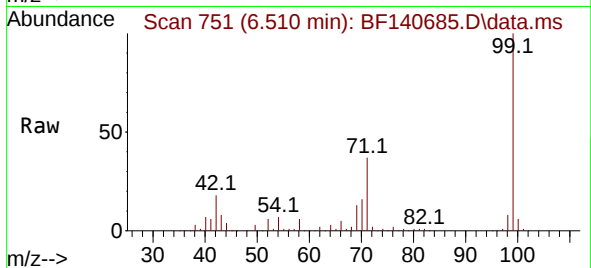




#7
Phenol-d6
Concen: 126.568 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

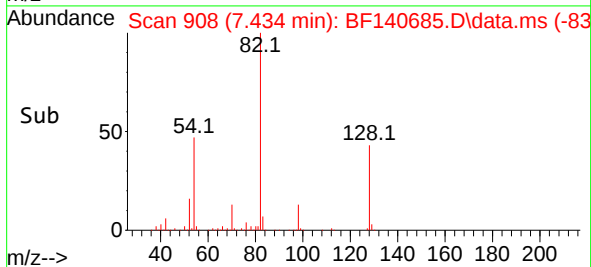
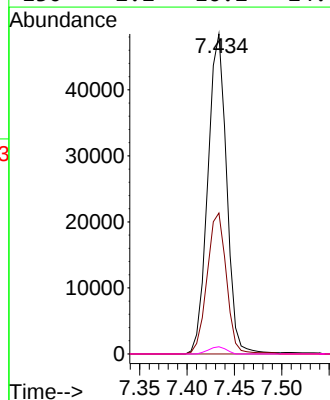
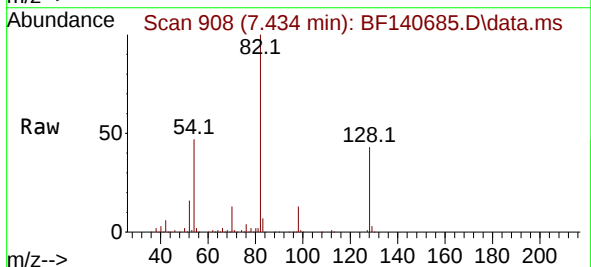
Instrument :
BNA_F
ClientSampleId :
PB165294BL

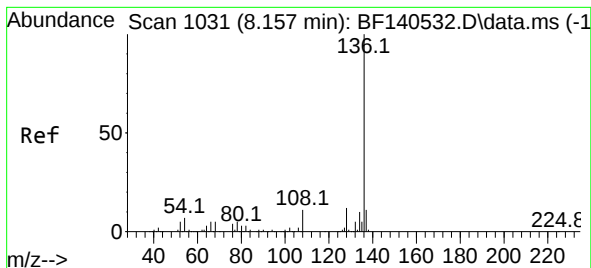
Tgt Ion: 99 Resp: 784283
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.300 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

Tgt Ion: 70 Resp: 67019
Ion Ratio Lower Upper
70 100
42 44.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 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: BF140685.D

Acq: 02 Dec 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB165294BL

Tgt Ion:136 Resp: 298135

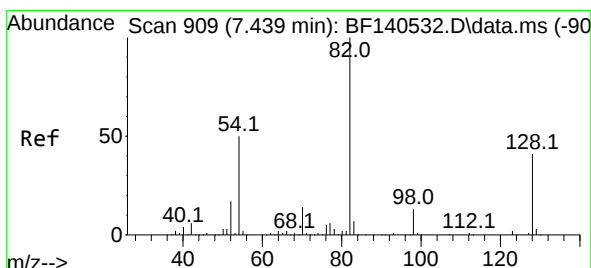
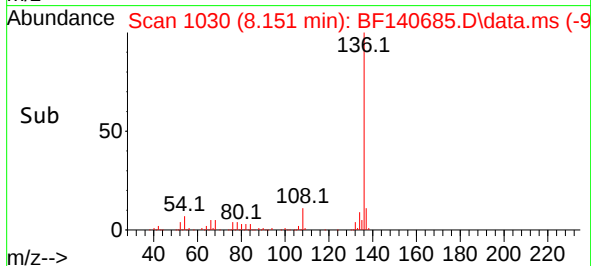
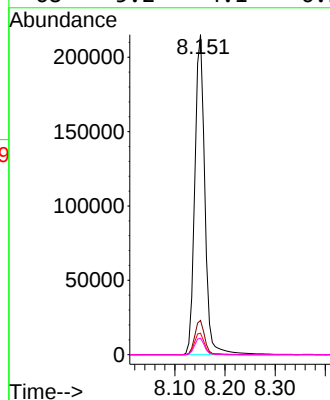
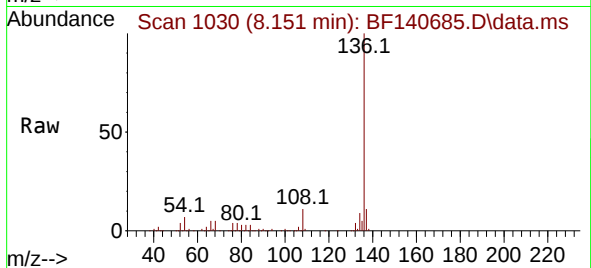
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.8 8.8

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 87.267 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

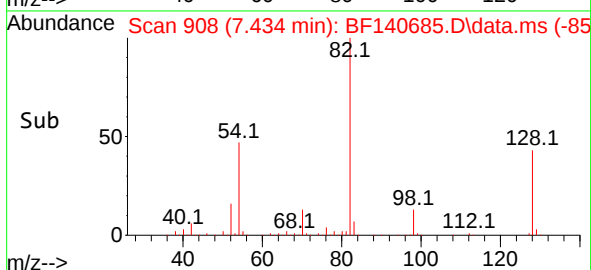
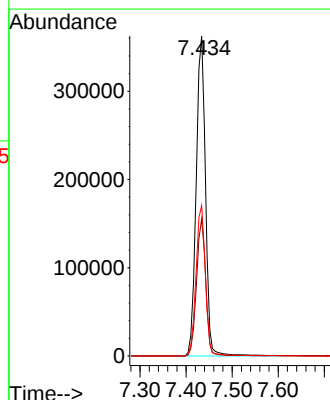
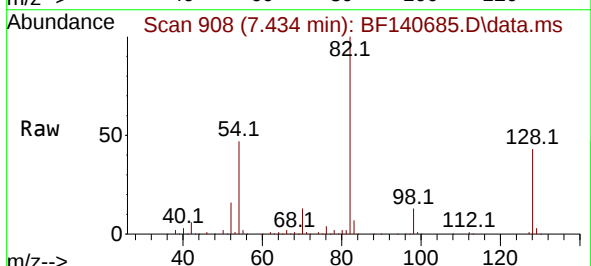
Tgt Ion: 82 Resp: 508647

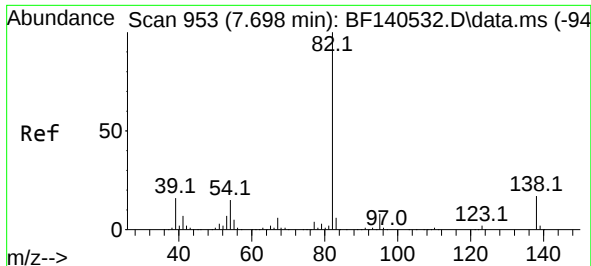
Ion Ratio Lower Upper

82 100

128 42.8 33.0 49.4

54 47.0 39.5 59.3

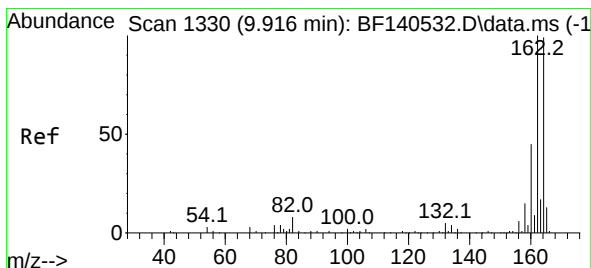
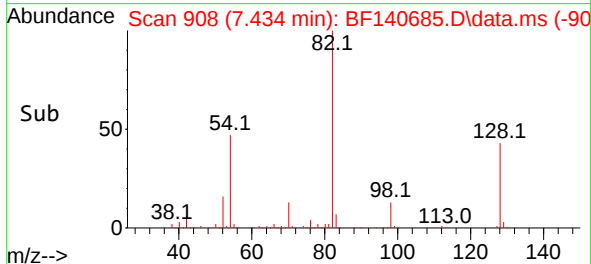
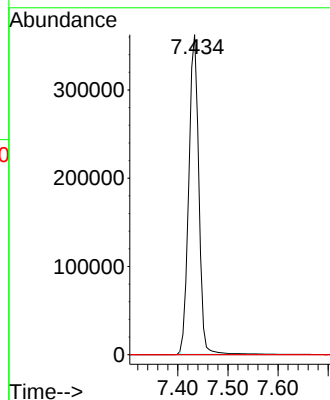
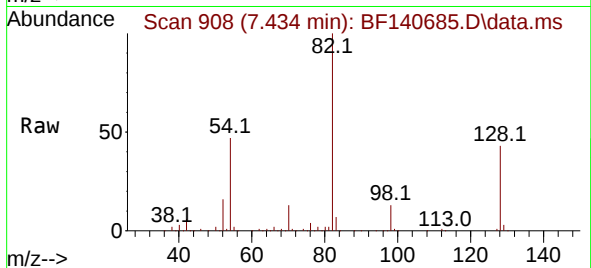




#25
Isophorone
Concen: 51.662 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

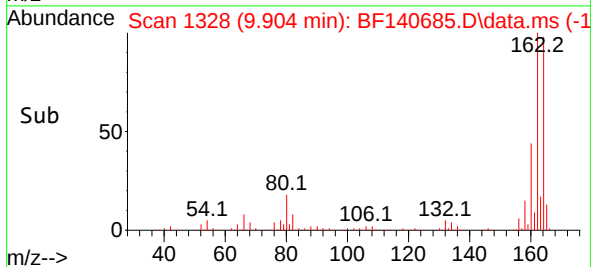
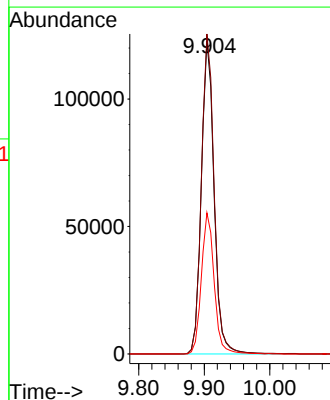
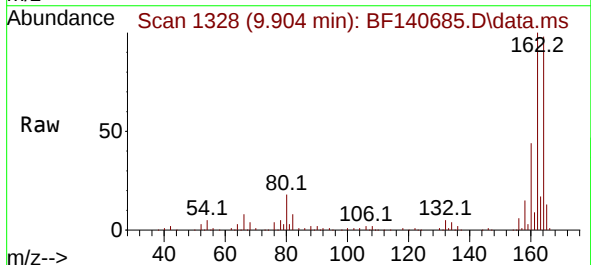
Instrument :
BNA_F
ClientSampleId :
PB165294BL

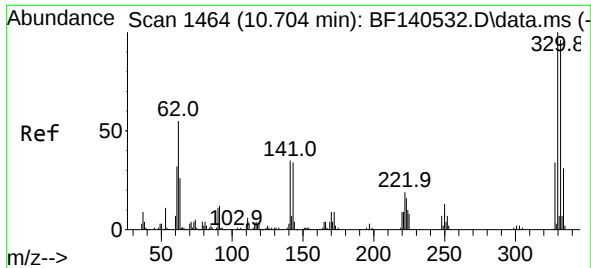
Tgt Ion: 82 Resp: 502245
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

Tgt Ion:164 Resp: 166068
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.1 36.2 54.4

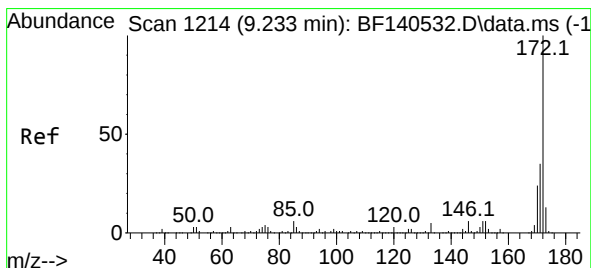
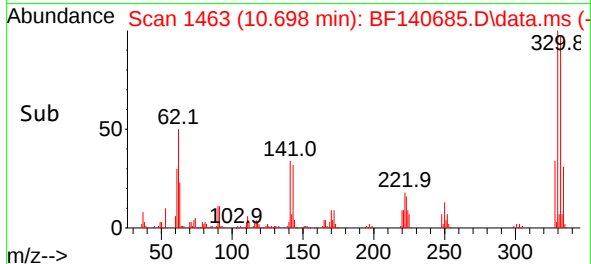
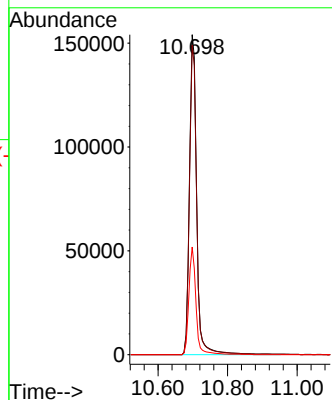
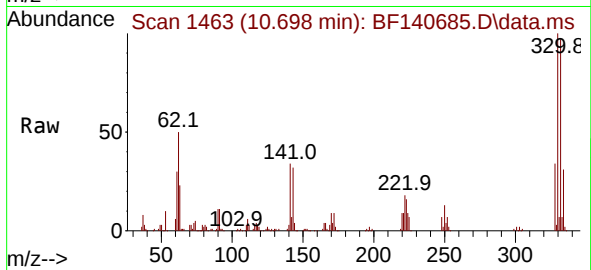




#42
2,4,6-Tribromophenol
Concen: 124.547 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

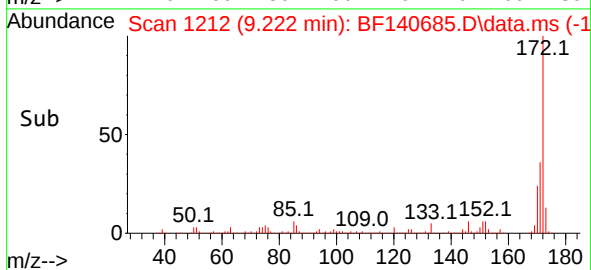
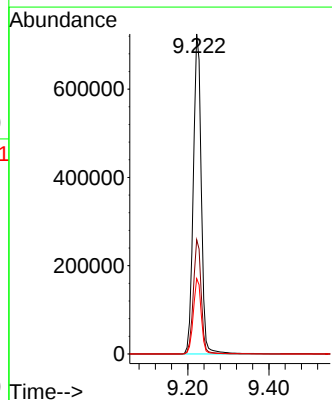
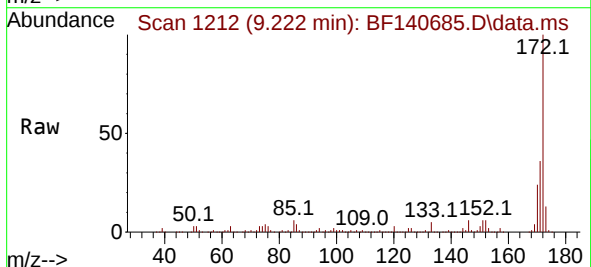
Instrument :
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ClientSampleId :
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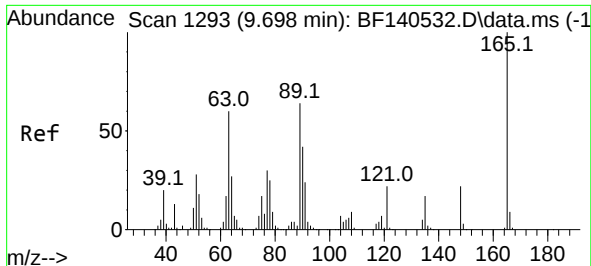
Tgt Ion:330 Resp: 221209
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 89.412 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140685.D
Acq: 02 Dec 2024 12:15

Tgt Ion:172 Resp: 996583
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: 8.685 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB165294BL

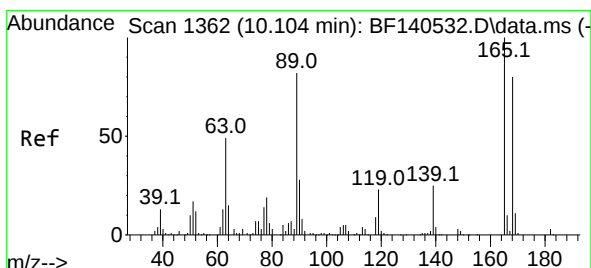
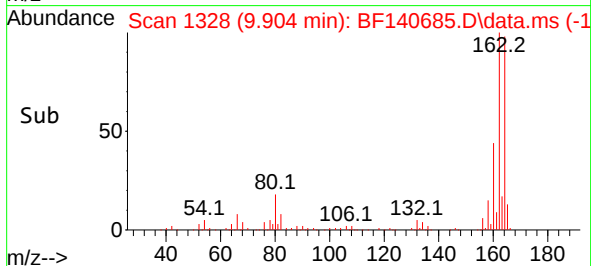
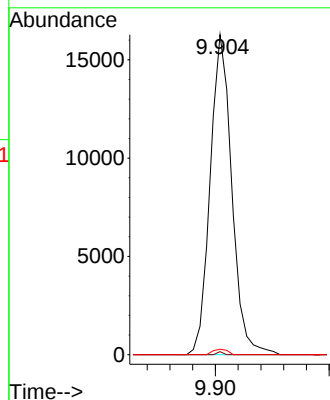
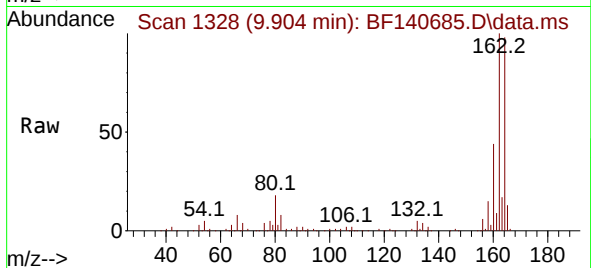
Tgt Ion:165 Resp: 21544

Ion Ratio Lower Upper

165 100

63 0.9 49.9 74.9#

89 1.7 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.535 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

Tgt Ion:165 Resp: 21544

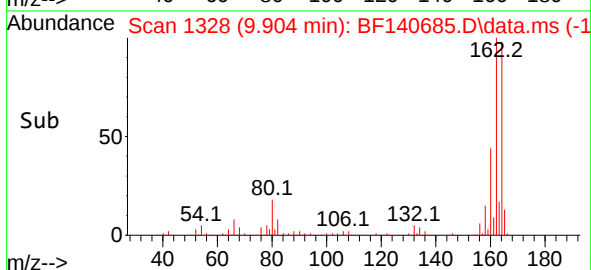
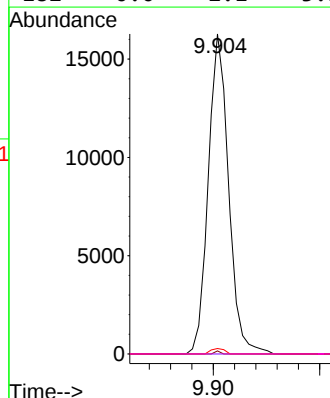
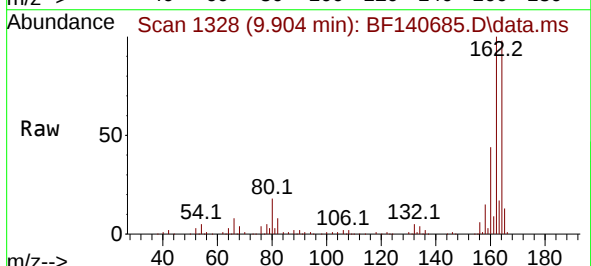
Ion Ratio Lower Upper

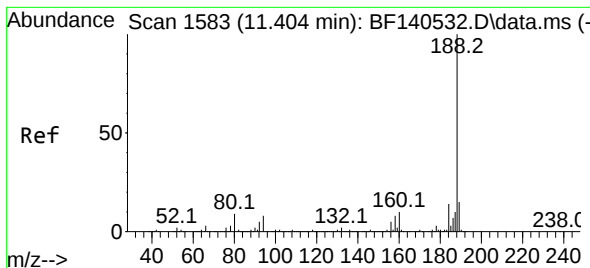
165 100

63 0.9 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# 11

Delta R.T. -0.006 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB165294BL

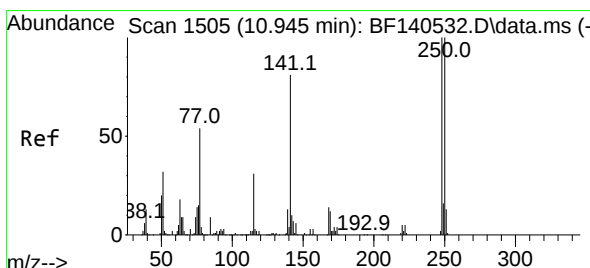
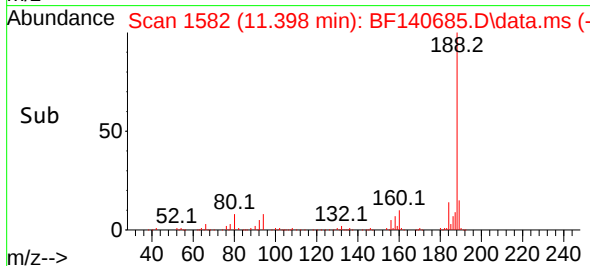
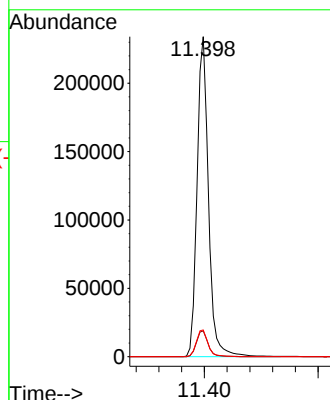
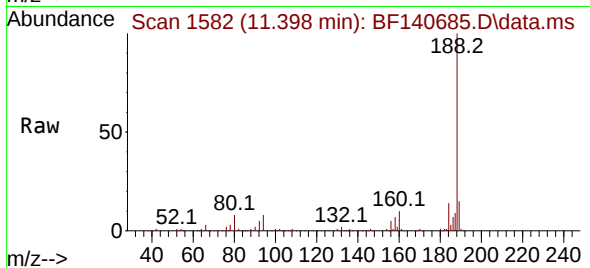
Tgt Ion:188 Resp: 327153

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.248 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

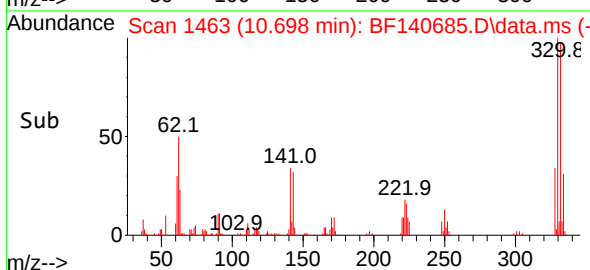
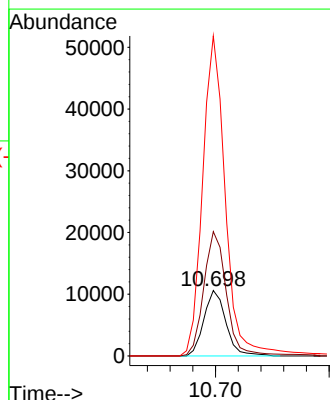
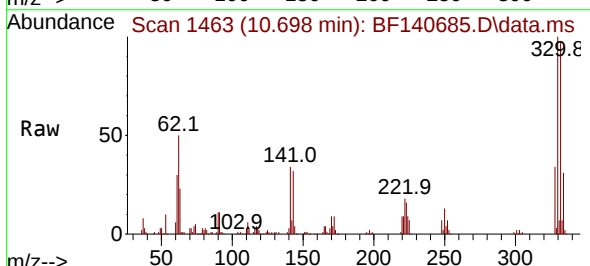
Tgt Ion:248 Resp: 14313

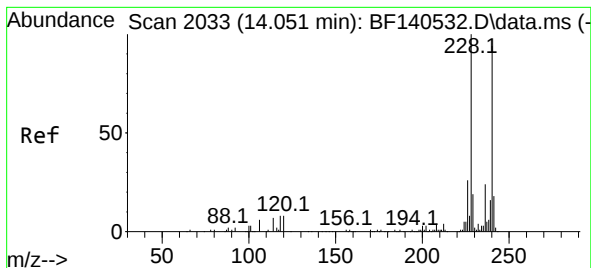
Ion Ratio Lower Upper

248 100

250 190.1 79.8 119.8#

141 489.2 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: BF140685.D

Acq: 02 Dec 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB165294BL

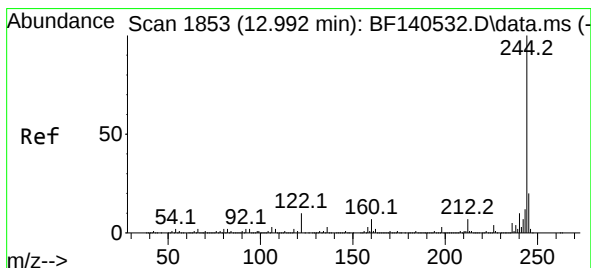
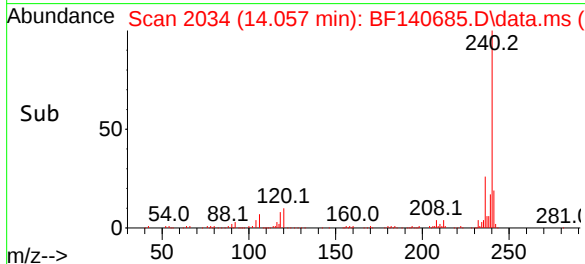
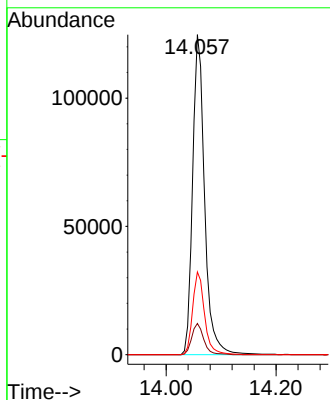
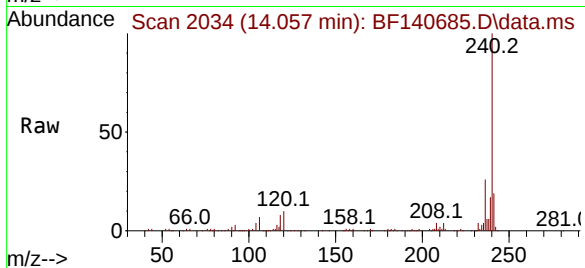
Tgt Ion:240 Resp: 188803

Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 92.051 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140685.D

Acq: 02 Dec 2024 12:15

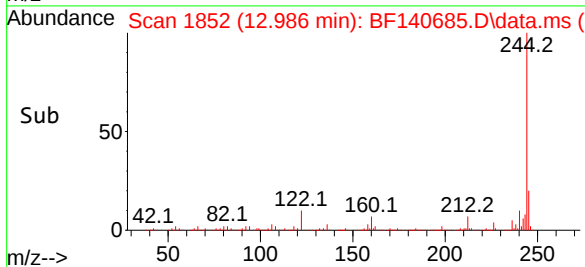
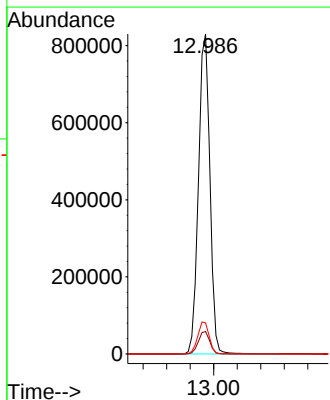
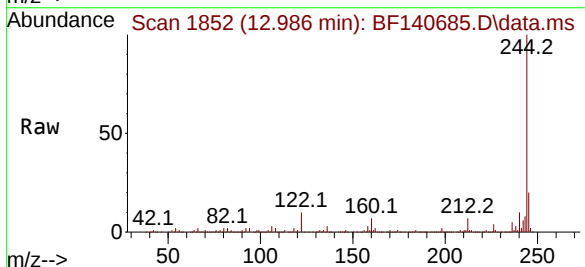
Tgt Ion:244 Resp: 1116123

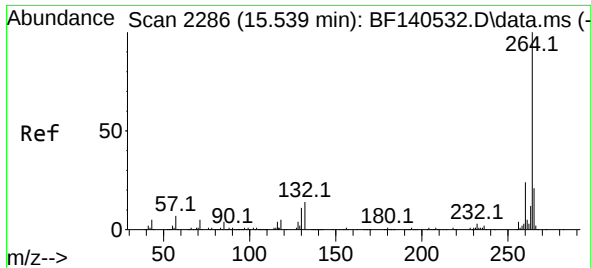
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 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: BF140685.D
 Acq: 02 Dec 2024 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB165294BL

Tgt Ion:264 Resp: 154328
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.7 16.6 25.0

