

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140687.D
 Acq On : 02 Dec 2024 13:07
 Operator : RC/JU
 Sample : PB165248TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165248TB

Quant Time: Dec 02 13:29:20 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)

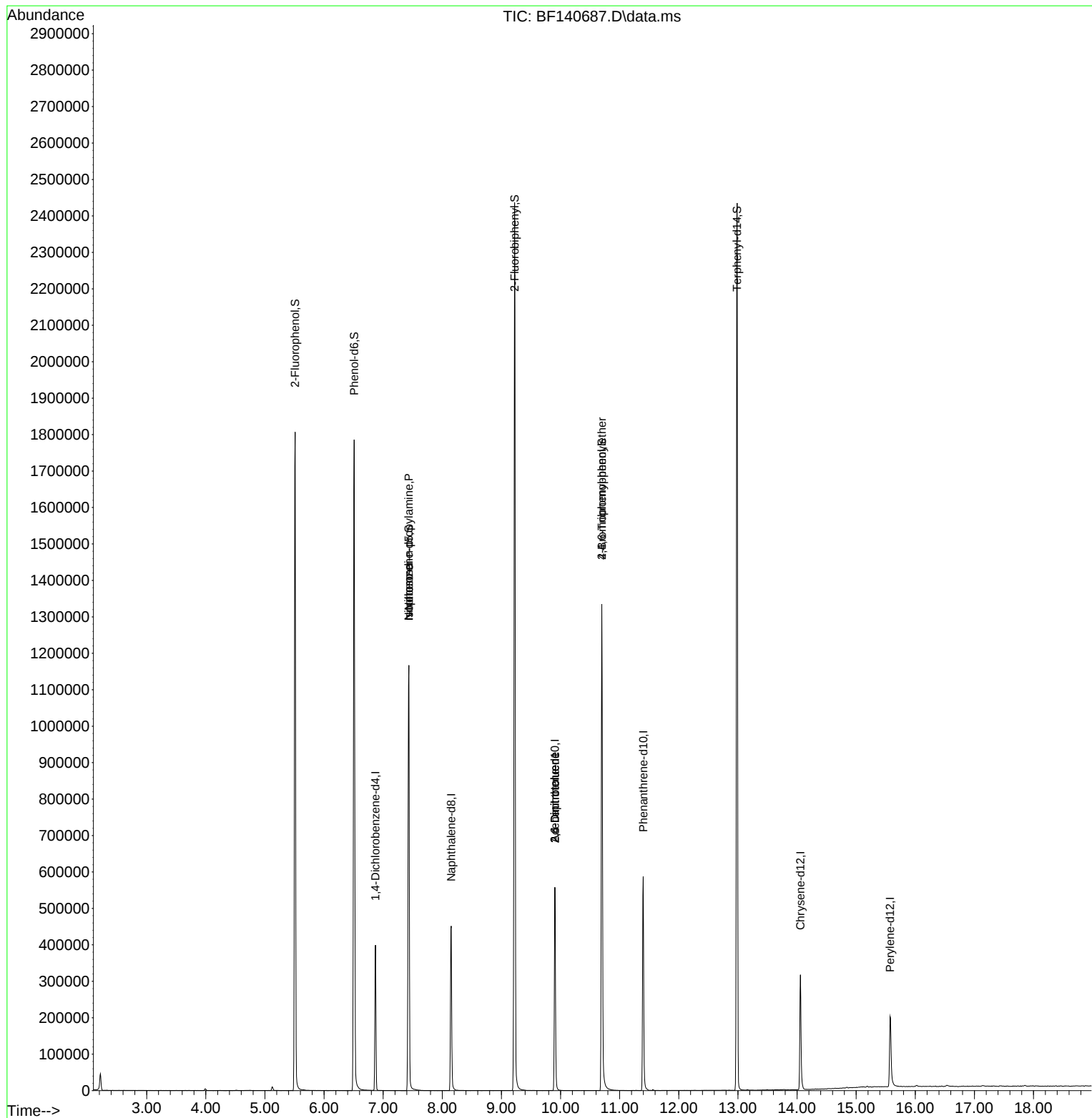
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85884	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	327246	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	182780	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	349951	20.000	ng	0.00
76) Chrysene-d12	14.057	240	179342	20.000	ng	0.00
86) Perylene-d12	15.574	264	149258	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	708770	140.807	ng	0.01
7) Phenol-d6	6.510	99	915370	137.555	ng	0.00
23) Nitrobenzene-d5	7.434	82	599141	93.649	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	256573	131.250	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1162403	94.754	ng	-0.01
79) Terphenyl-d14	12.986	244	1269160	110.194	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	79285	20.160	ng	# 74
25) Isophorone	7.434	82	593062	55.577	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	23470	8.597	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	23471	6.469	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	15621	4.334	ng	# 1

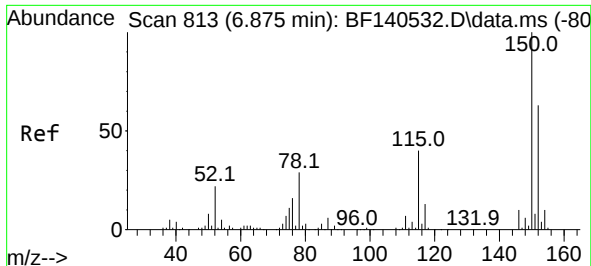
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140687.D
Acq On : 02 Dec 2024 13:07
Operator : RC/JU
Sample : PB165248TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165248TB

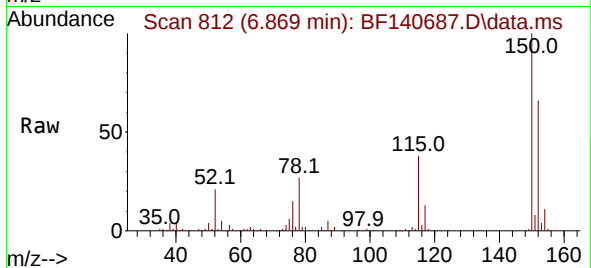
Quant Time: Dec 02 13:29:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



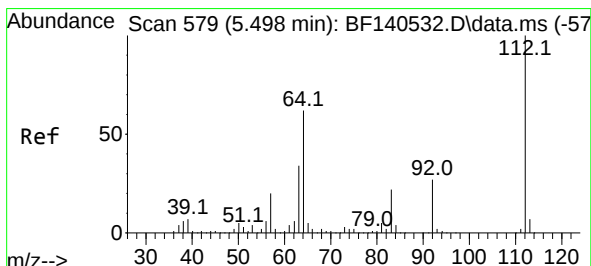
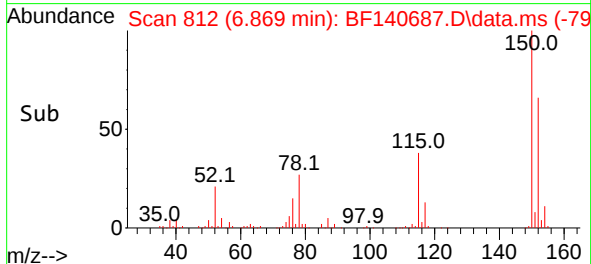
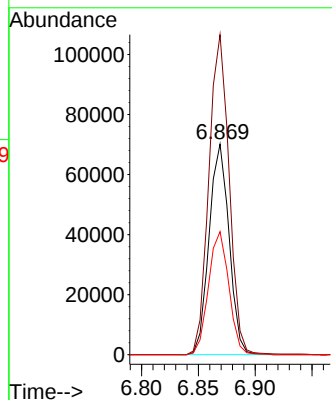


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB165248TB

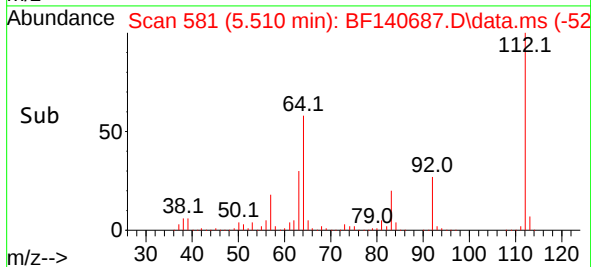
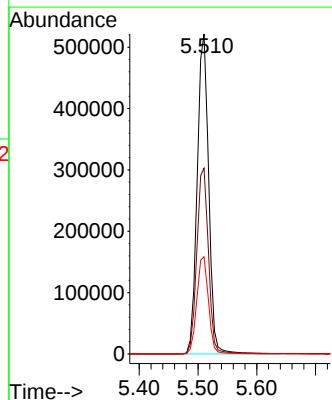
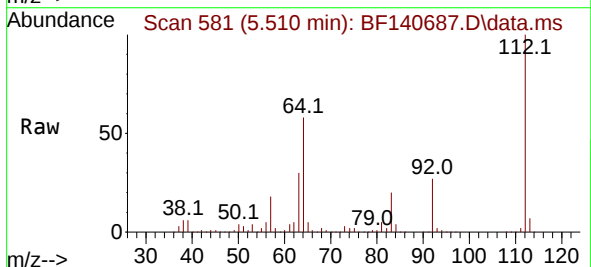


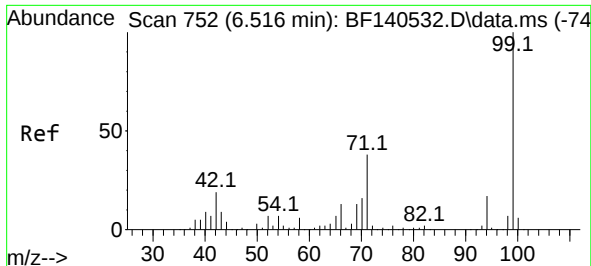
Tgt Ion:152 Resp: 85884
Ion Ratio Lower Upper
152 100
150 152.0 128.5 192.7
115 58.5 50.2 75.4



#5
2-Fluorophenol
Concen: 140.807 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Tgt Ion:112 Resp: 708770
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 30.4 27.0 40.4





#7

Phenol-d6

Concen: 137.555 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165248TB

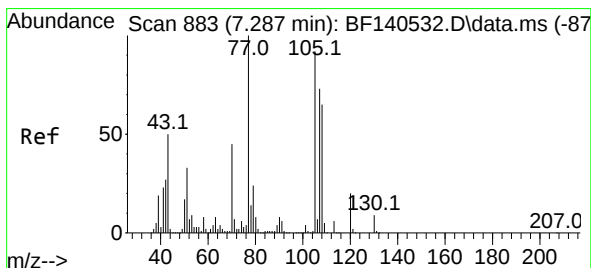
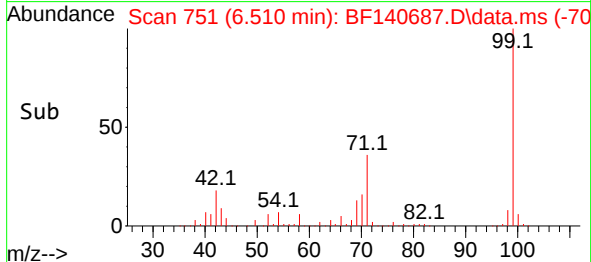
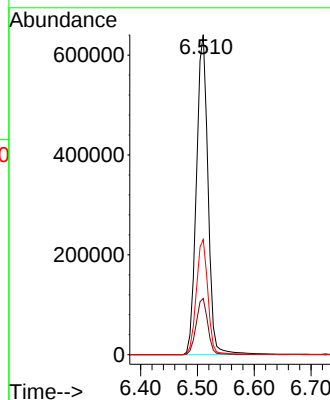
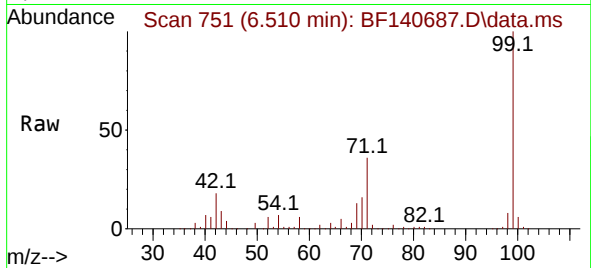
Tgt Ion: 99 Resp: 915370

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

71 36.0 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.160 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

Tgt Ion: 70 Resp: 79285

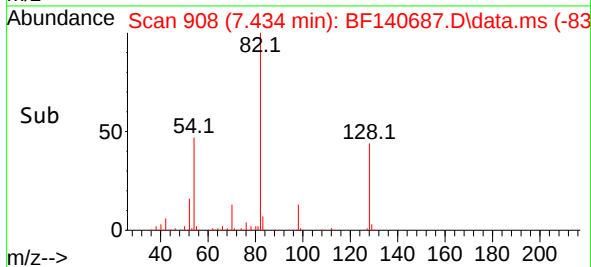
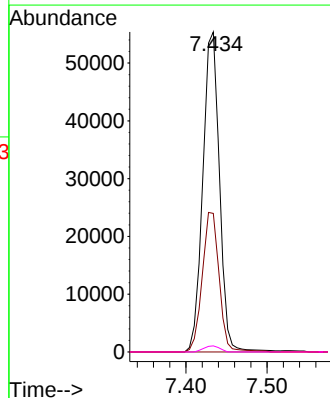
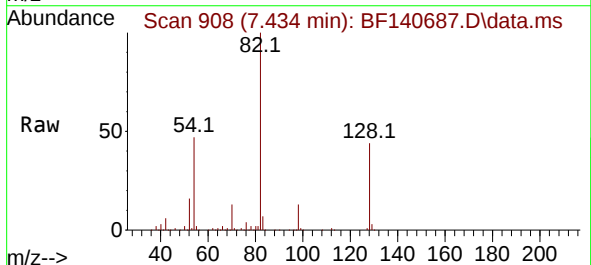
Ion Ratio Lower Upper

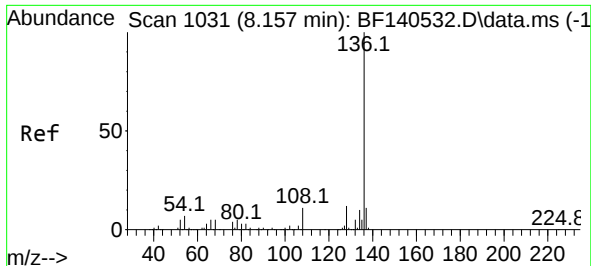
70 100

42 43.3 47.6 71.4#

101 0.0 7.6 11.4#

130 1.9 16.2 24.4#



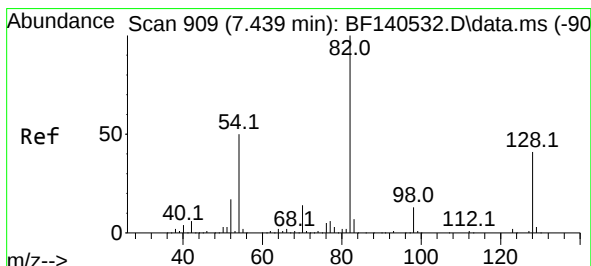
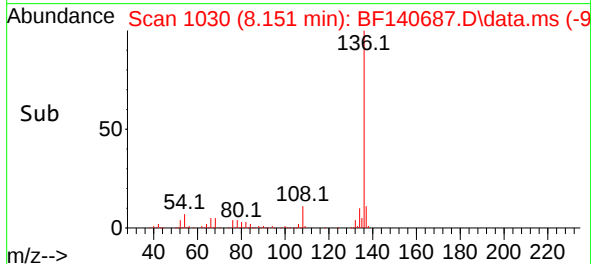
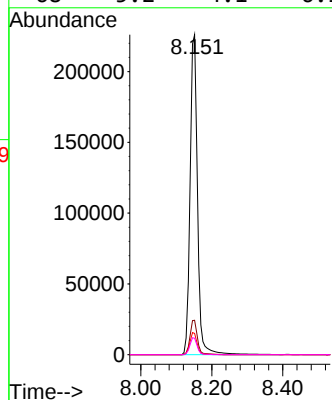
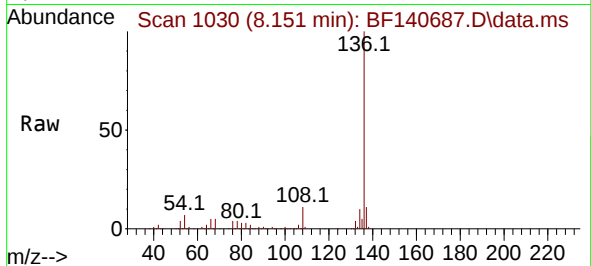


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB165248TB

Tgt Ion:136 Resp: 327246

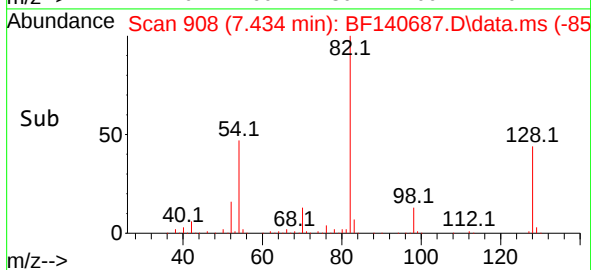
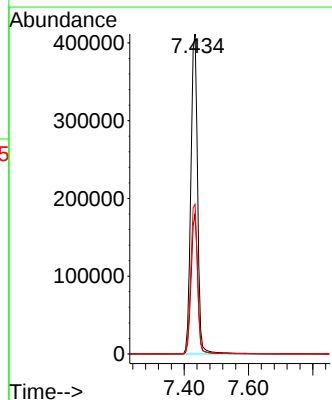
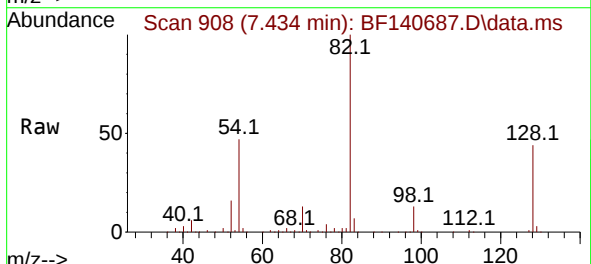
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1

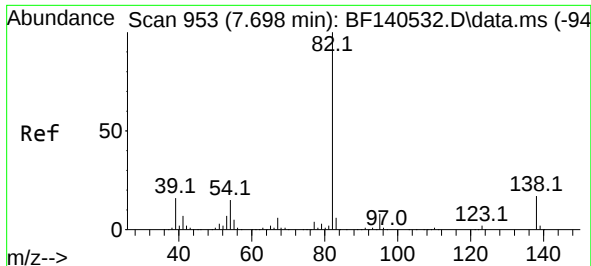


#23
Nitrobenzene-d5
Concen: 93.649 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Tgt Ion: 82 Resp: 599141

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.4
54	46.7	39.5	59.3

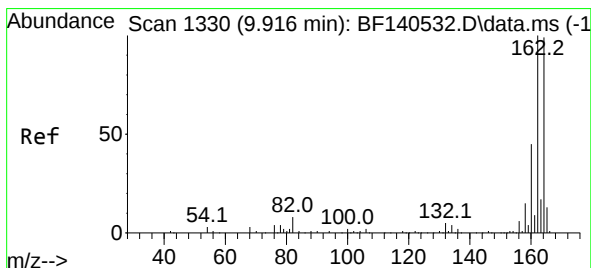
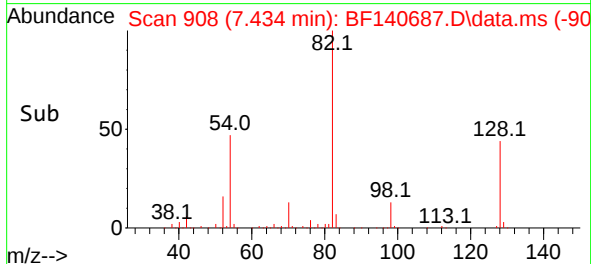
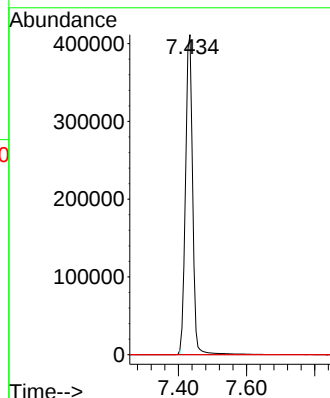
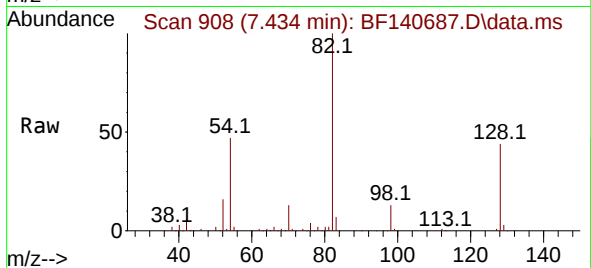




#25
Isophorone
Concen: 55.577 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

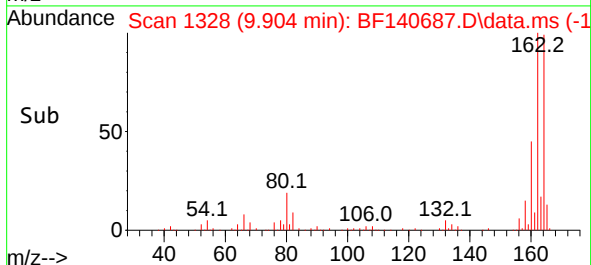
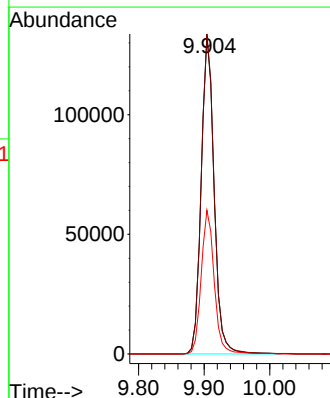
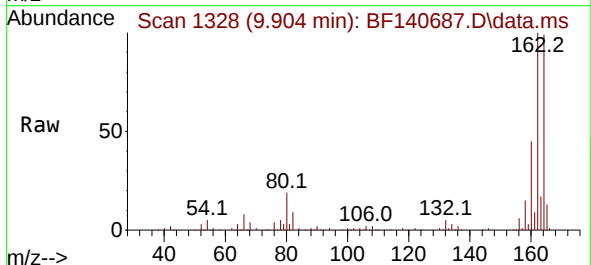
Instrument :
BNA_F
ClientSampleId :
PB165248TB

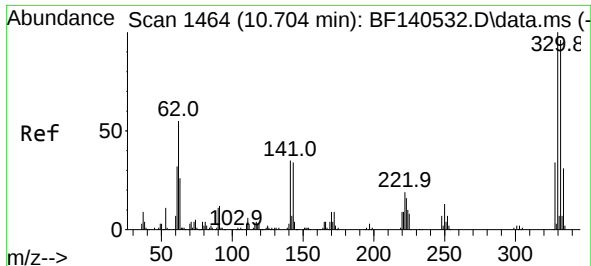
Tgt Ion: 82 Resp: 593062
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Tgt Ion: 164 Resp: 182780
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 131.250 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165248TB

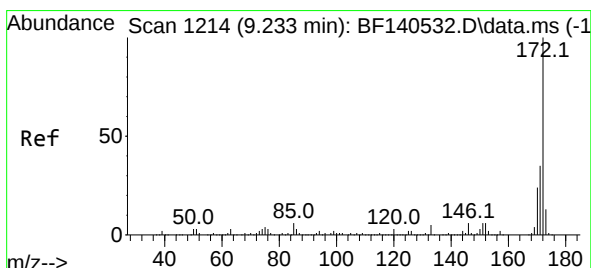
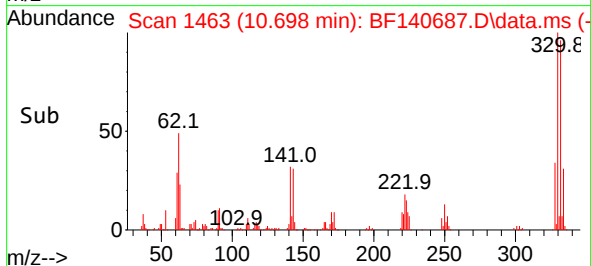
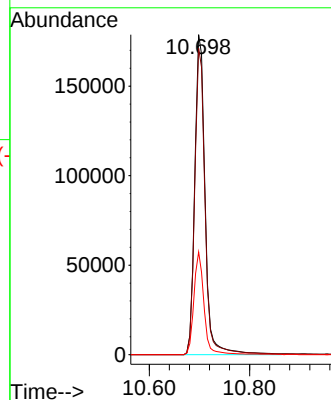
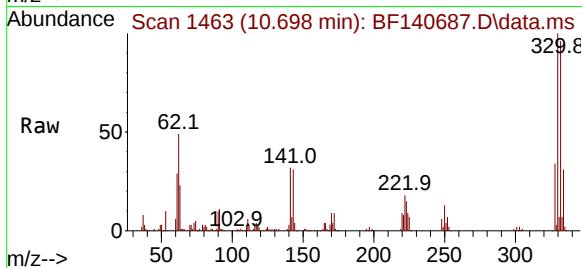
Tgt Ion:330 Resp: 256573

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 31.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 94.754 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

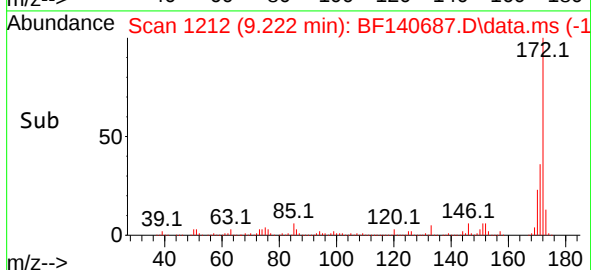
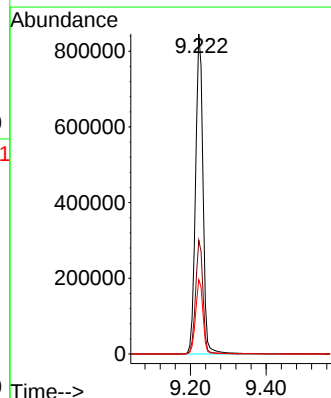
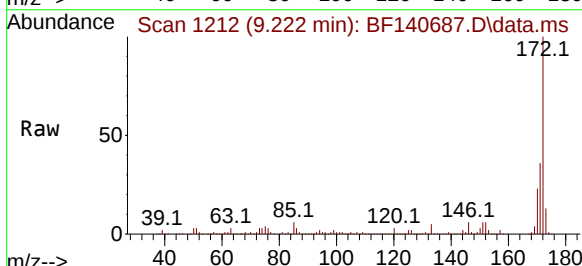
Tgt Ion:172 Resp: 1162403

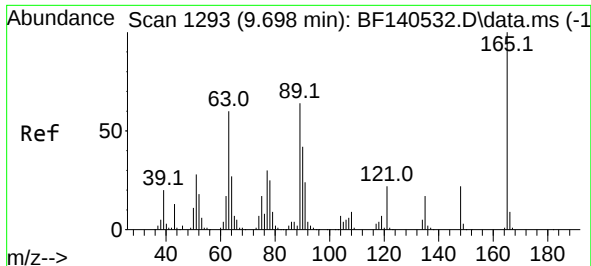
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.597 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165248TB

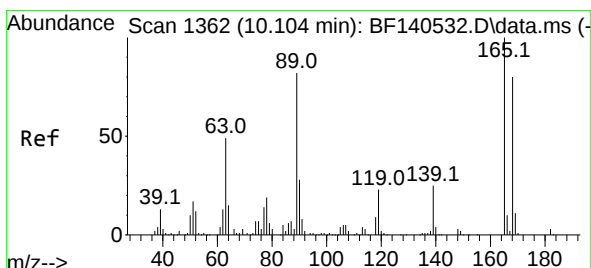
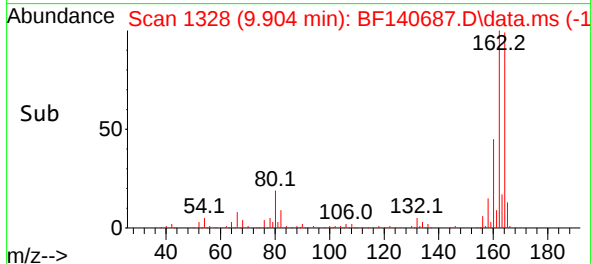
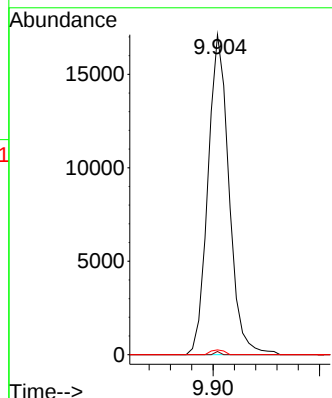
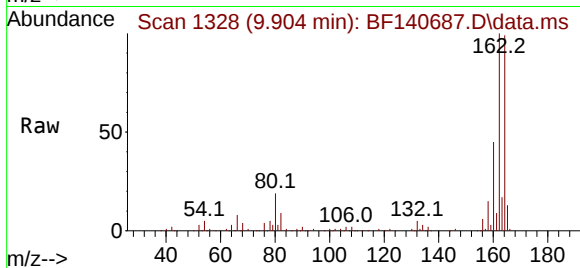
Tgt Ion:165 Resp: 23470

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.5 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.469 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

Tgt Ion:165 Resp: 23471

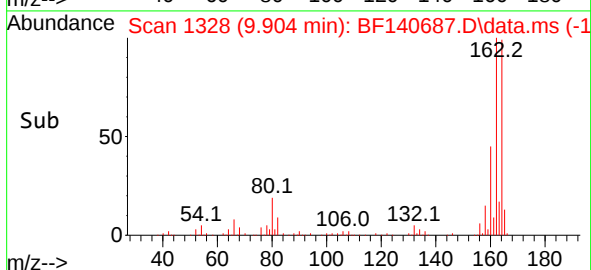
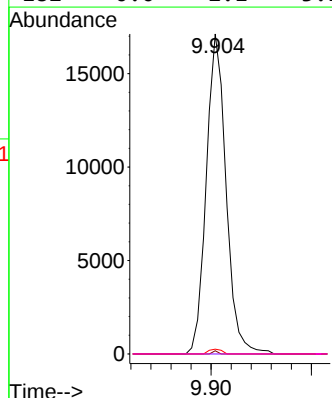
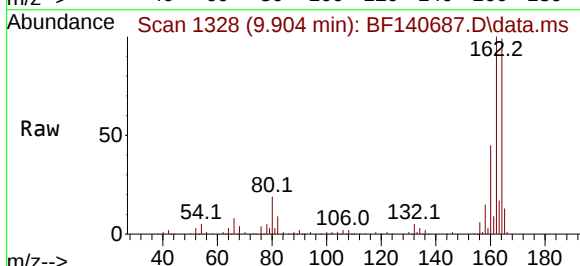
Ion Ratio Lower Upper

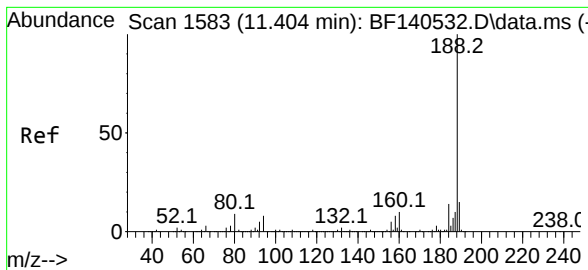
165 100

63 1.0 41.7 62.5#

89 1.5 65.8 98.8#

182 0.0 2.1 3.1#

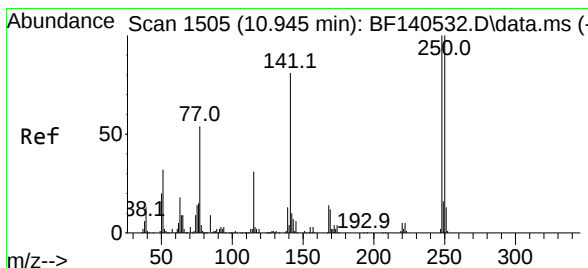
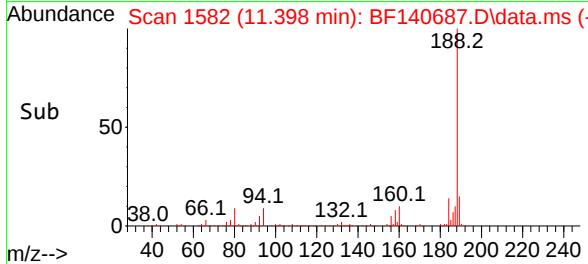
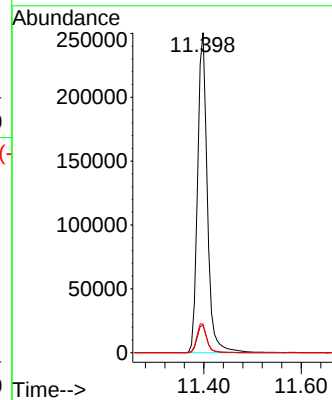
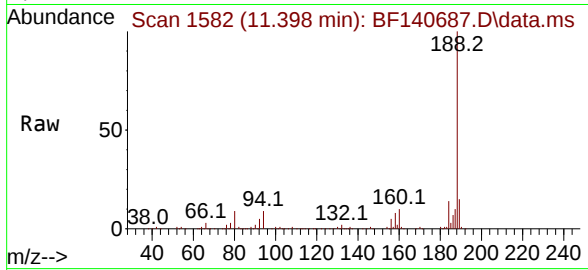




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

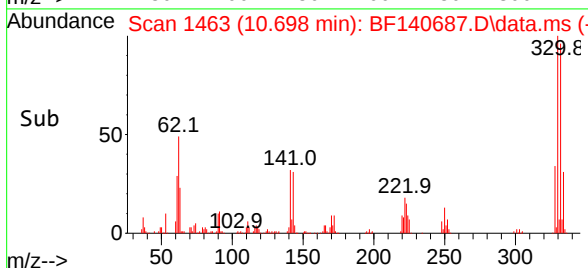
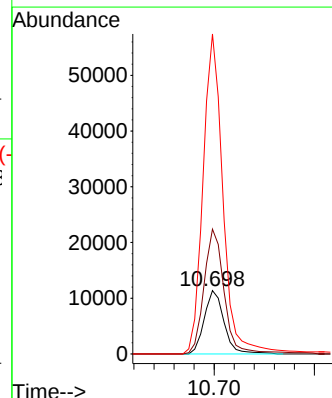
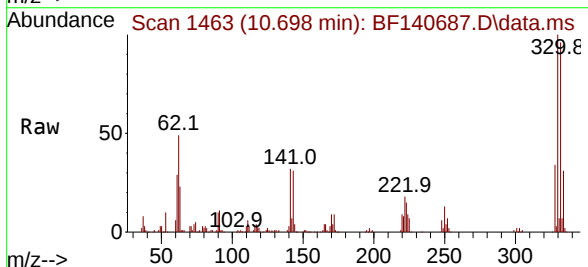
Instrument :
BNA_F
ClientSampleId :
PB165248TB

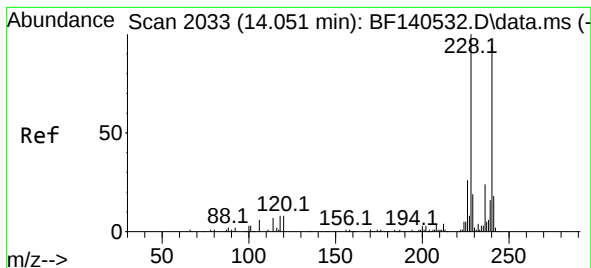
Tgt Ion:188 Resp: 349951
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.0 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.334 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Tgt Ion:248 Resp: 15621
Ion Ratio Lower Upper
248 100
250 197.0 79.8 119.8#
141 505.0 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: BF140687.D

Acq: 02 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165248TB

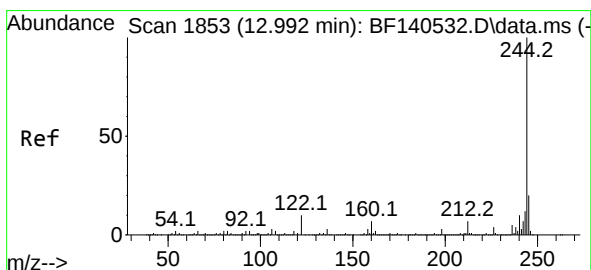
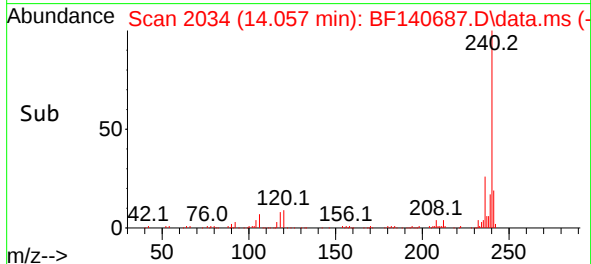
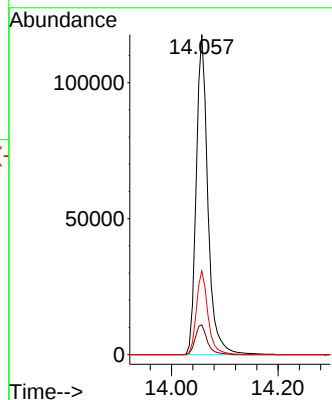
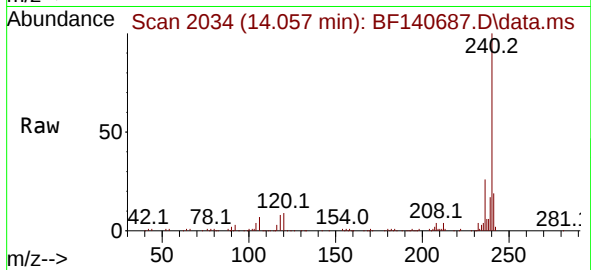
Tgt Ion:240 Resp: 179342

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 110.194 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140687.D

Acq: 02 Dec 2024 13:07

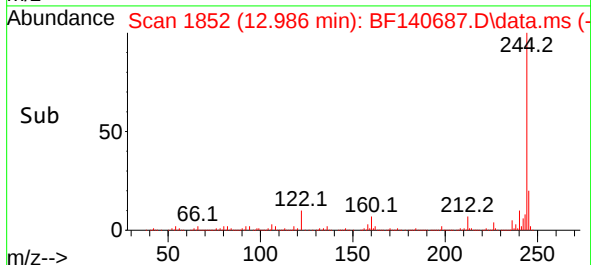
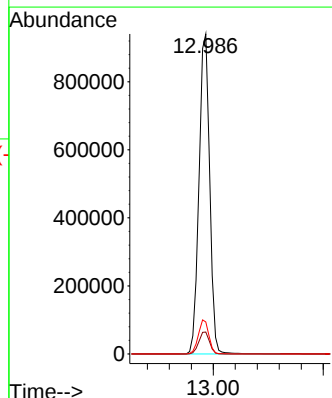
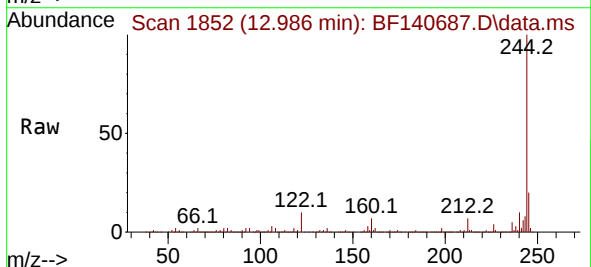
Tgt Ion:244 Resp: 1269160

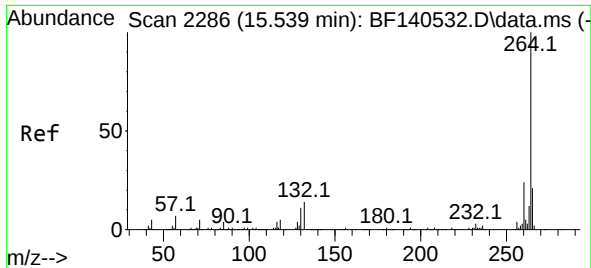
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF140687.D
Acq: 02 Dec 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB165248TB

Tgt Ion:264 Resp: 149258

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	20.5	16.6	25.0

