

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140342.D
 Acq On : 13 Nov 2024 13:45
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Quant Time: Nov 13 14:42:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

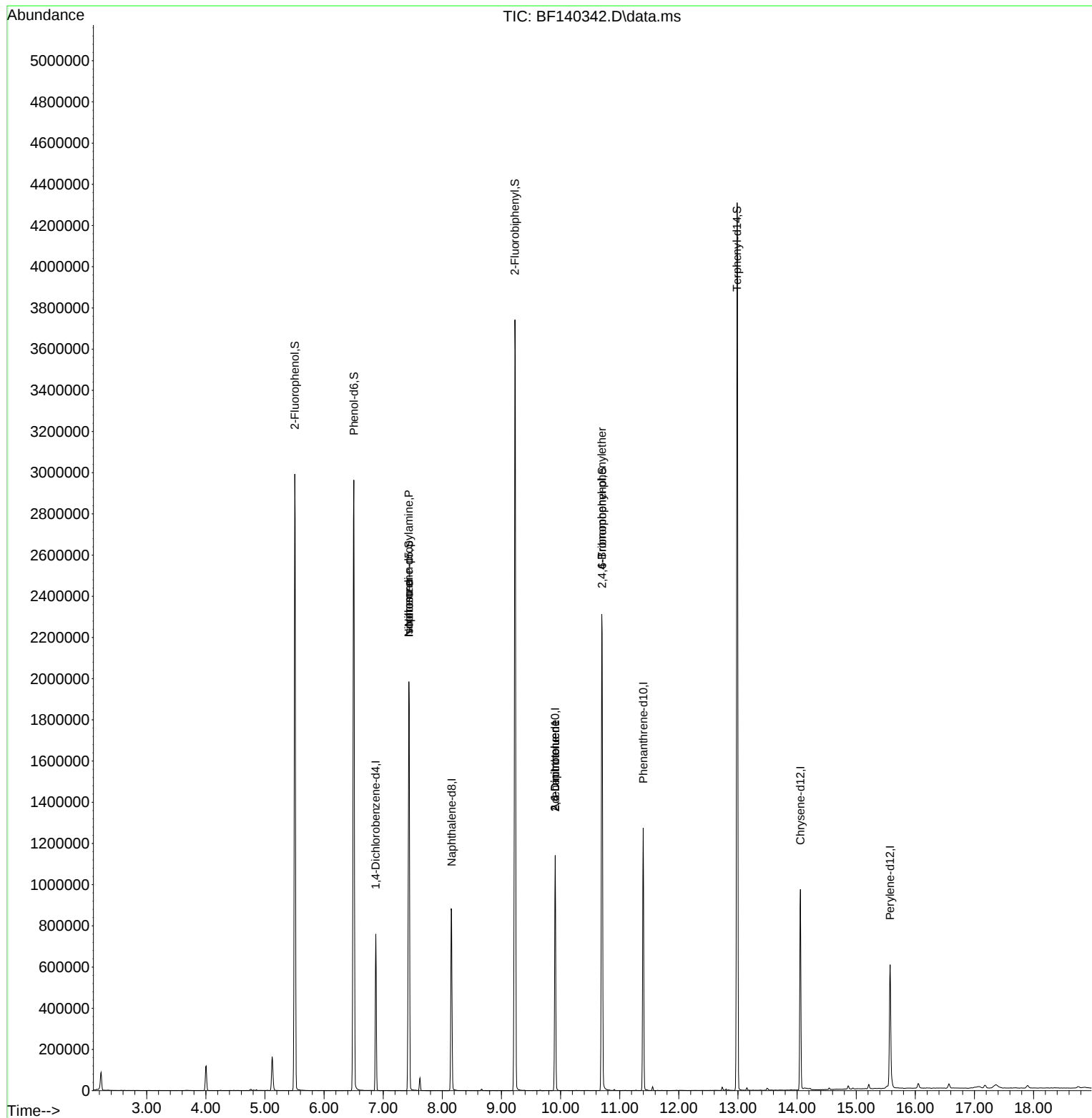
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	155301	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	608379	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	344211	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	680121	20.000	ng	0.00
76) Chrysene-d12	14.057	240	465934	20.000	ng	0.00
86) Perylene-d12	15.574	264	362493	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1169568	128.583	ng	0.01
7) Phenol-d6	6.504	99	1556547	126.308	ng	0.00
23) Nitrobenzene-d5	7.434	82	1017253	87.119	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	412522	120.518	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1823595	85.166	ng	0.00
79) Terphenyl-d14	12.986	244	2214187	82.487	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	136378	18.323	ng	# 78
25) Isophorone	7.434	82	1001326	48.387	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	43765	8.556	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	43765	6.501	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	26064	3.834	ng	# 1

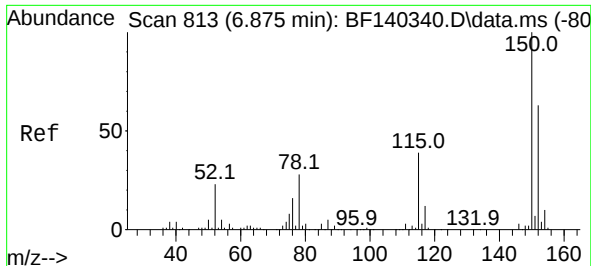
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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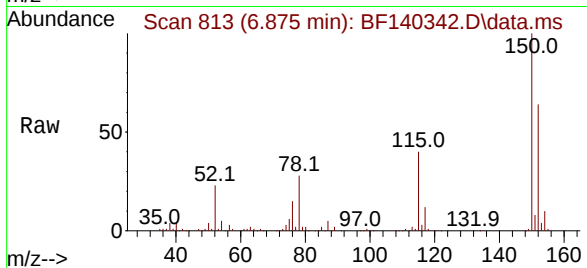
Quant Time: Nov 13 14:42:08 2024
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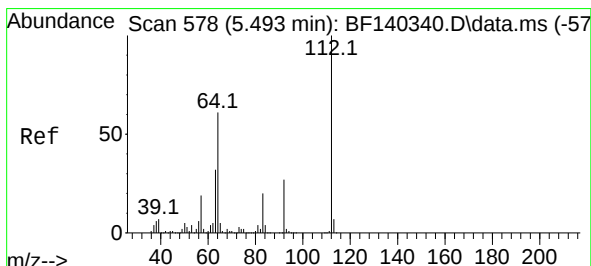
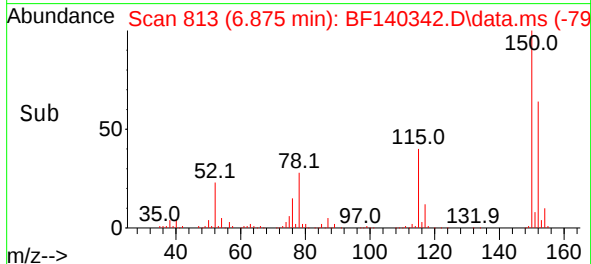
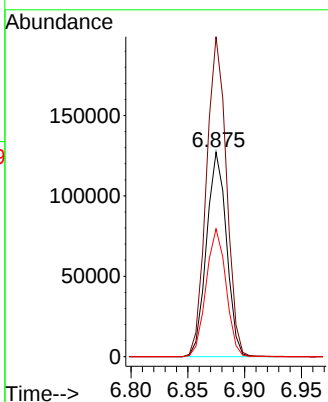


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

Instrument :
BNA_F
ClientSampleId :
PB164401BL

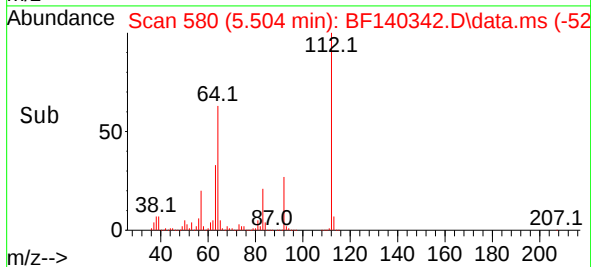
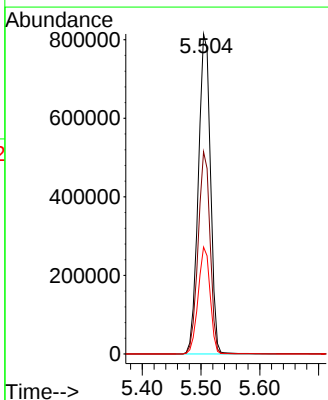
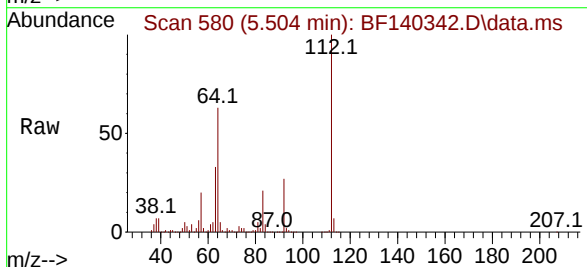


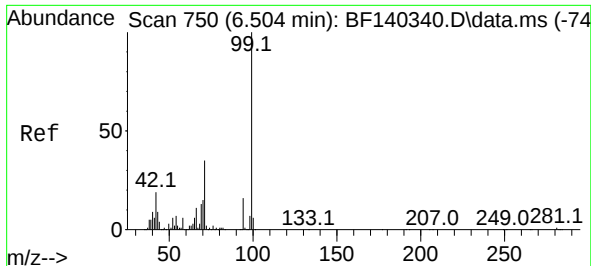
Tgt Ion:152 Resp: 155301
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 62.5 47.4 71.2



#5
2-Fluorophenol
Concen: 128.583 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

Tgt Ion:112 Resp: 1169568
Ion Ratio Lower Upper
112 100
64 63.2 49.2 73.8
63 33.4 25.6 38.4

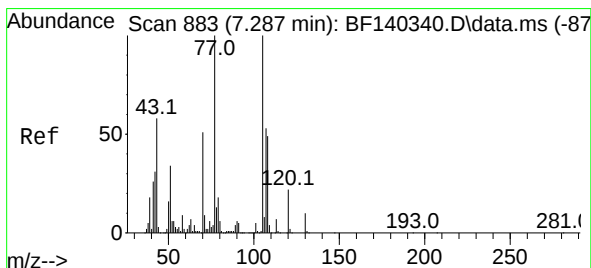
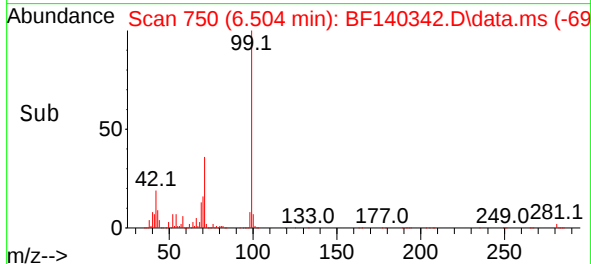
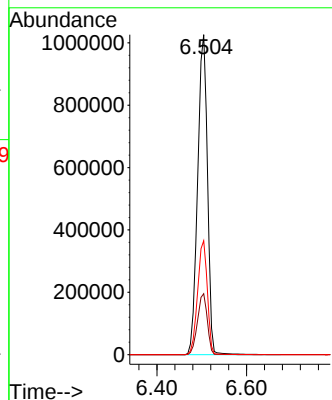
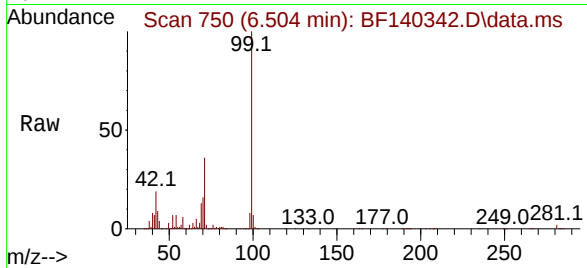




#7
Phenol-d6
Concen: 126.308 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

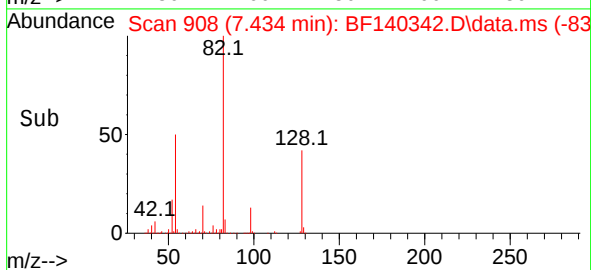
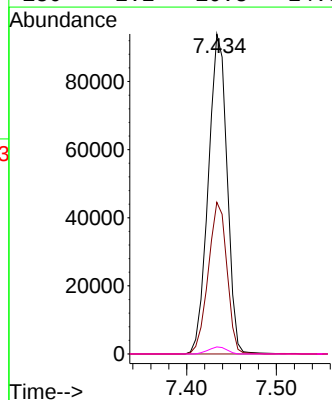
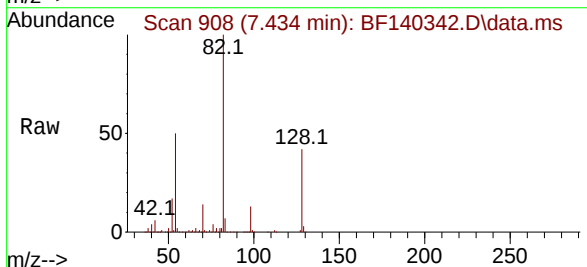
Instrument :
BNA_F
ClientSampleId :
PB164401BL

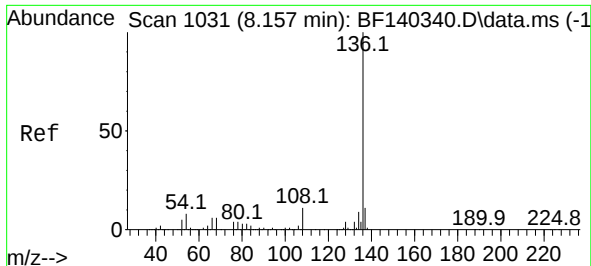
Tgt Ion: 99 Resp: 1556547
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 35.6 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.323 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

Tgt Ion: 70 Resp: 136378
Ion Ratio Lower Upper
70 100
42 47.4 46.8 70.2
101 0.0 7.5 11.3#
130 2.2 16.3 24.5#

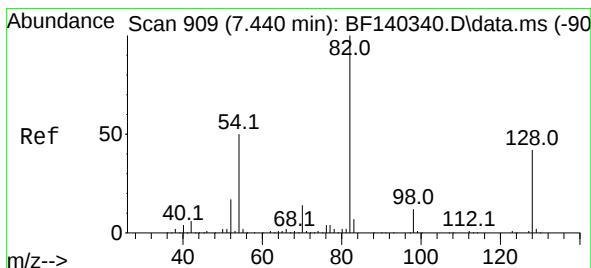
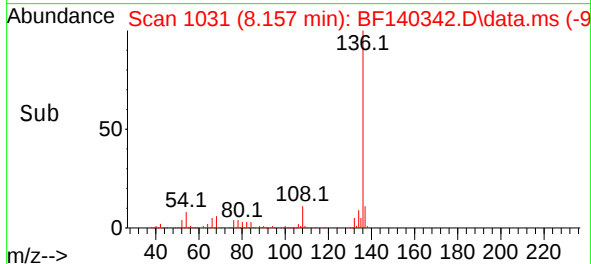
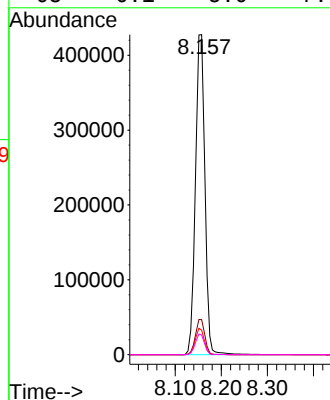
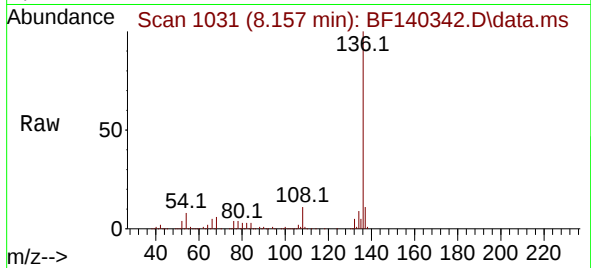




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

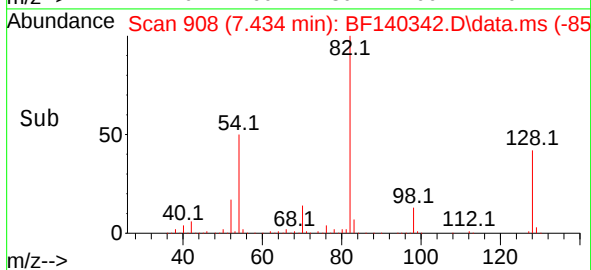
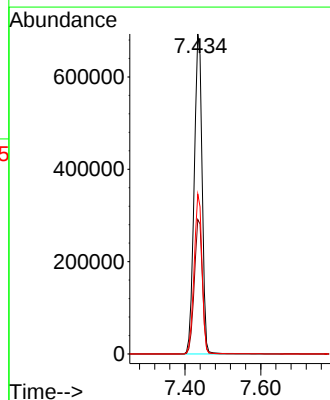
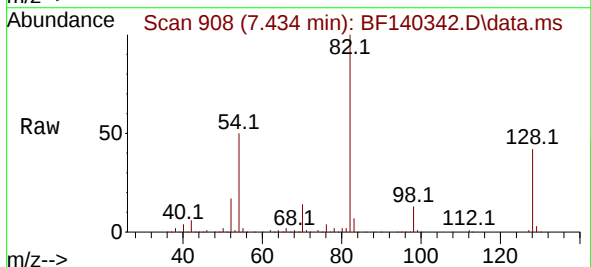
Instrument :
BNA_F
ClientSampleId :
PB164401BL

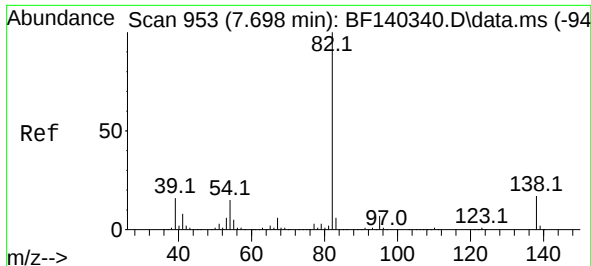
Tgt Ion:136 Resp: 608379
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.119 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

Tgt Ion: 82 Resp: 1017253
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 50.0 39.8 59.8

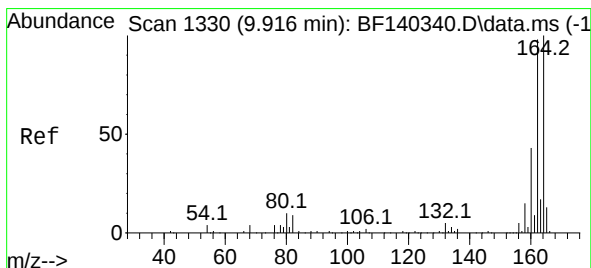
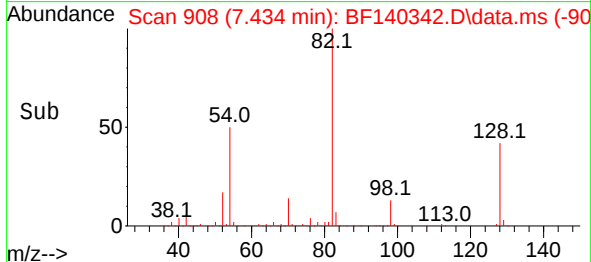
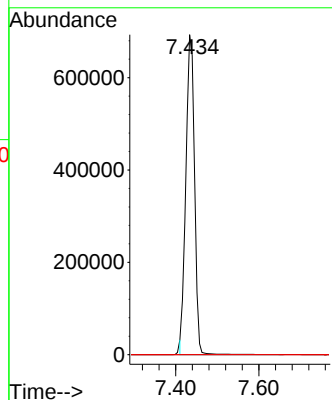
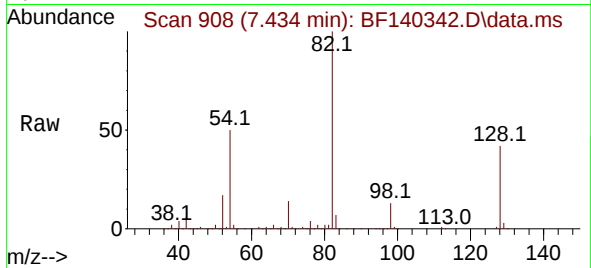




#25
Isophorone
Concen: 48.387 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

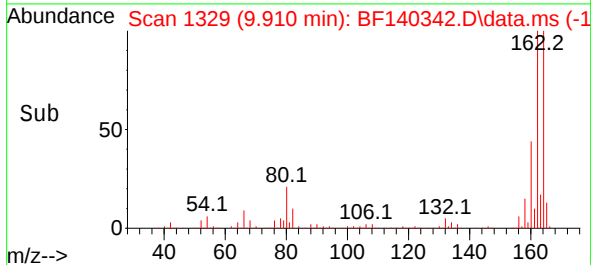
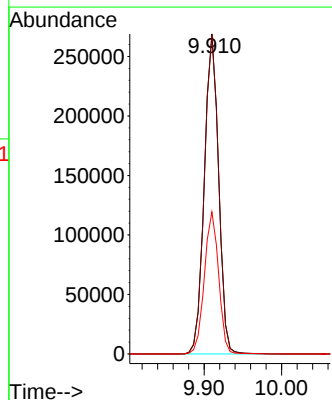
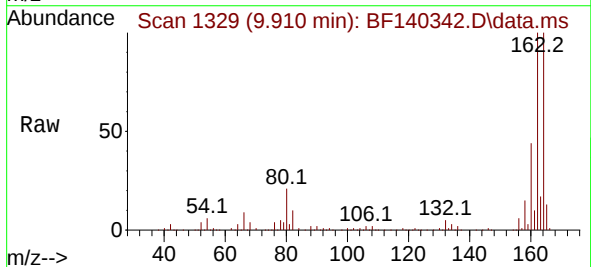
Instrument :
BNA_F
ClientSampleId :
PB164401BL

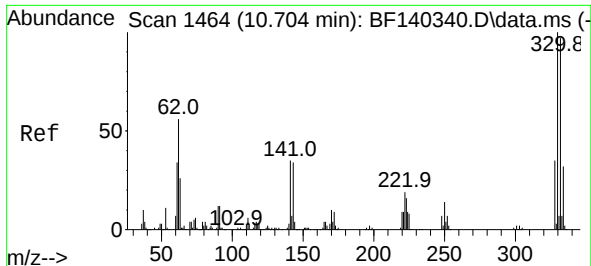
Tgt Ion: 82 Resp: 1001326
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140342.D
Acq: 13 Nov 2024 13:45

Tgt Ion:164 Resp: 344211
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 120.518 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140342.D

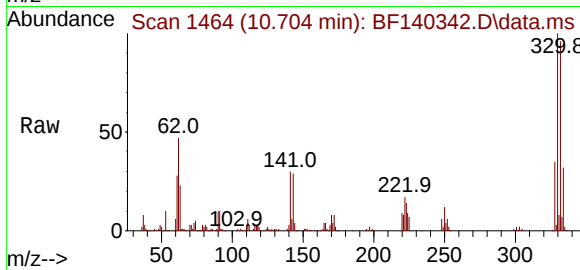
Acq: 13 Nov 2024 13:45

Instrument :

BNA_F

ClientSampleId :

PB164401BL



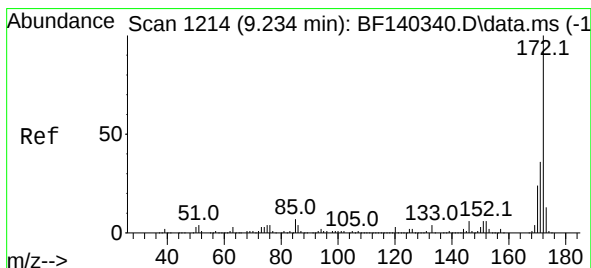
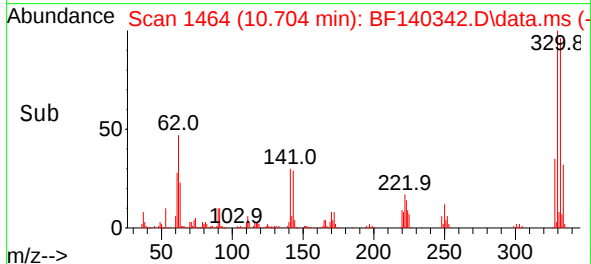
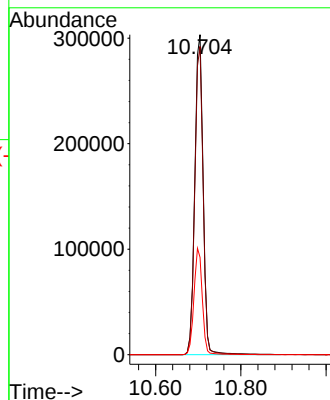
Tgt Ion:330 Resp: 412522

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

141 33.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 85.166 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

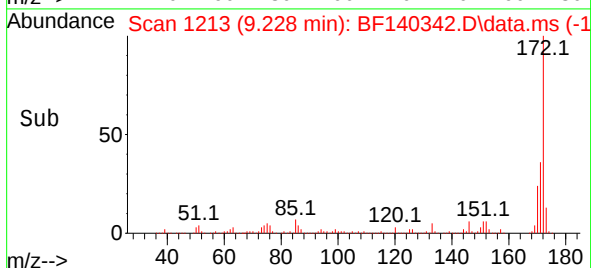
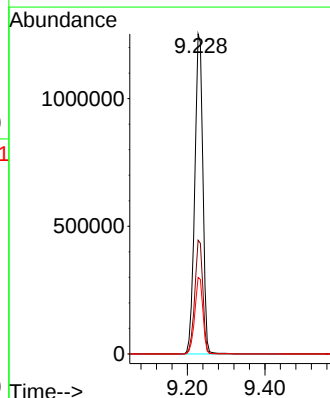
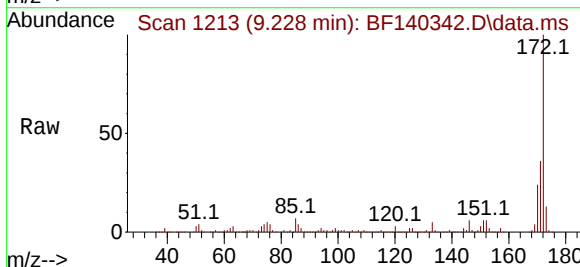
Tgt Ion:172 Resp: 1823595

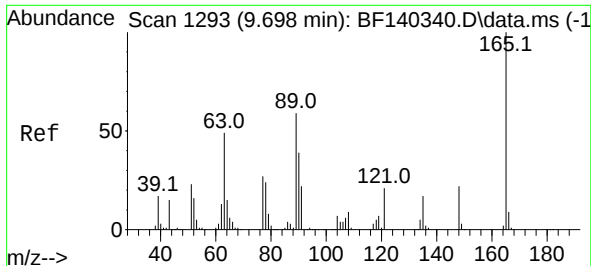
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.556 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

Instrument :

BNA_F

ClientSampleId :

PB164401BL

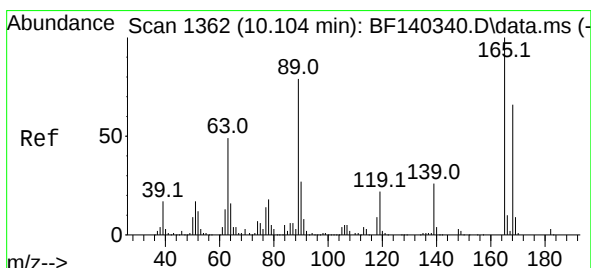
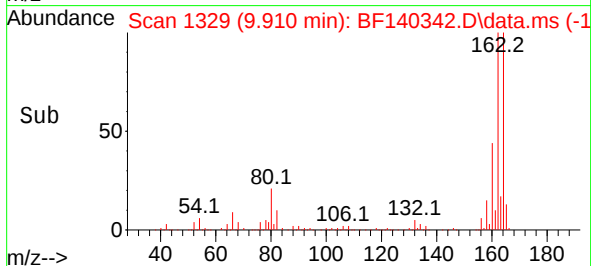
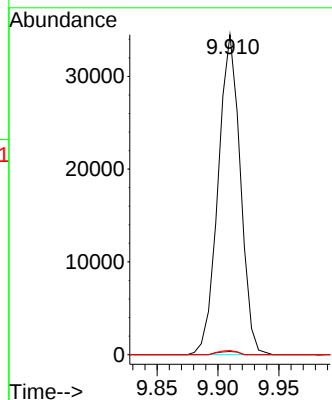
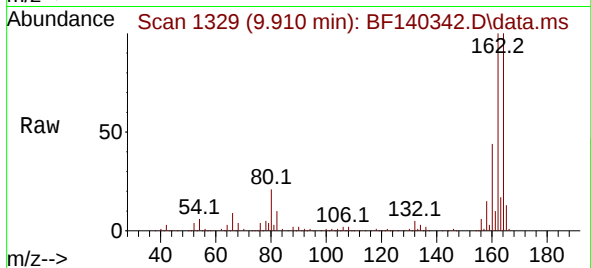
Tgt Ion:165 Resp: 43765

Ion Ratio Lower Upper

165 100

63 1.0 47.6 71.4#

89 1.3 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.501 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

Tgt Ion:165 Resp: 43765

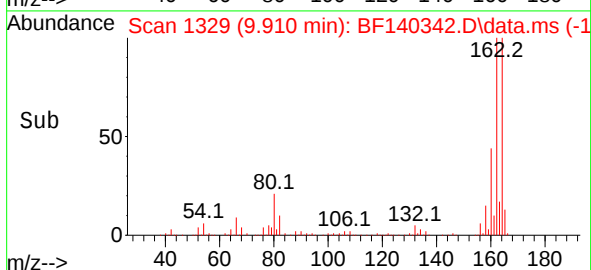
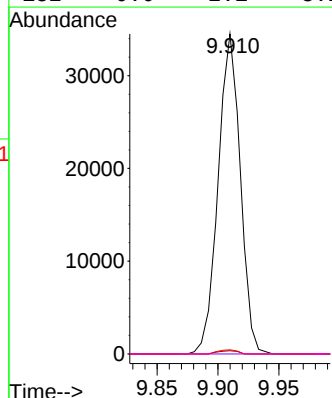
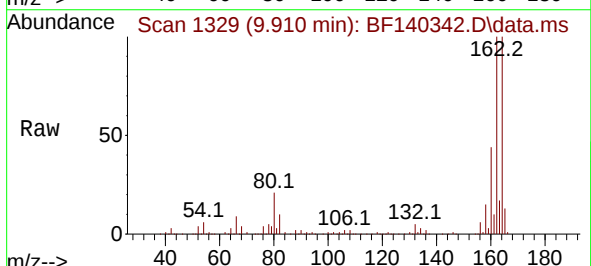
Ion Ratio Lower Upper

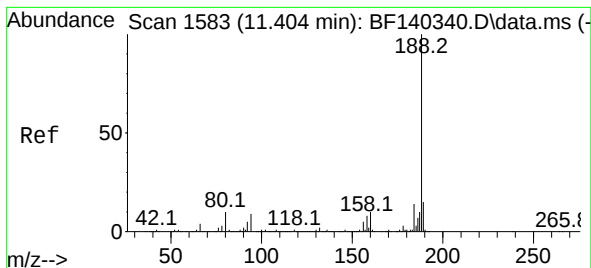
165 100

63 1.0 39.4 59.0#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

Instrument :

BNA_F

ClientSampleId :

PB164401BL

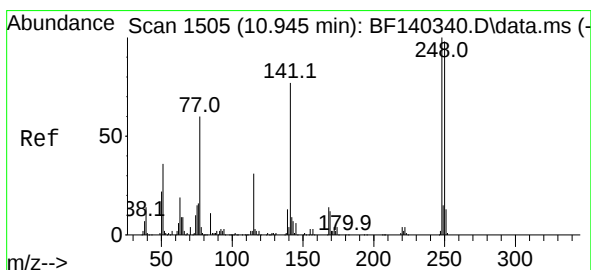
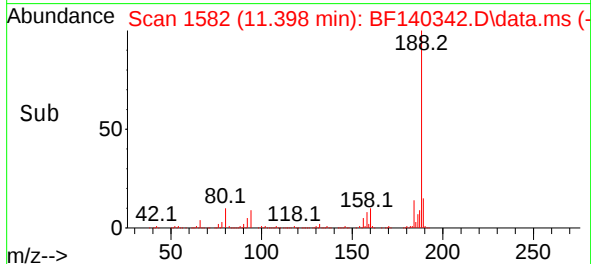
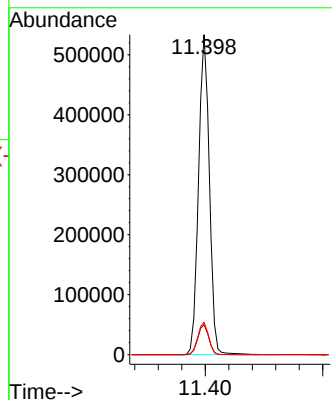
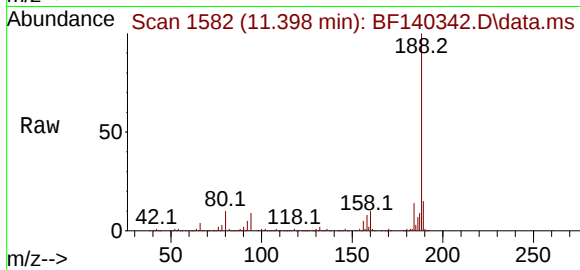
Tgt Ion:188 Resp: 680121

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.1 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.834 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

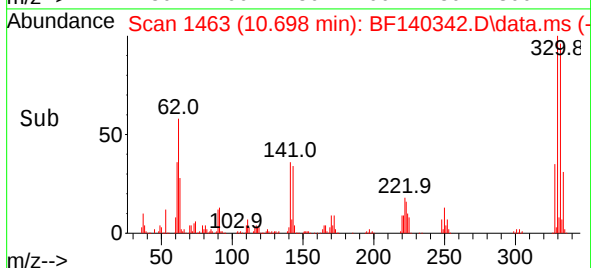
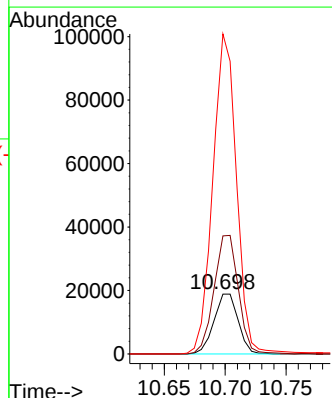
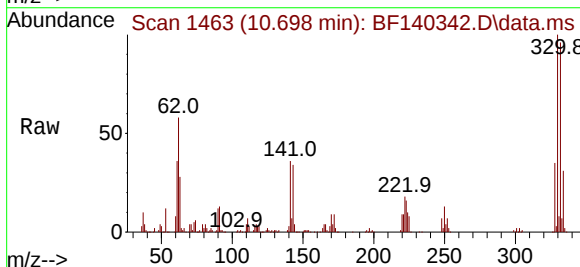
Tgt Ion:248 Resp: 26064

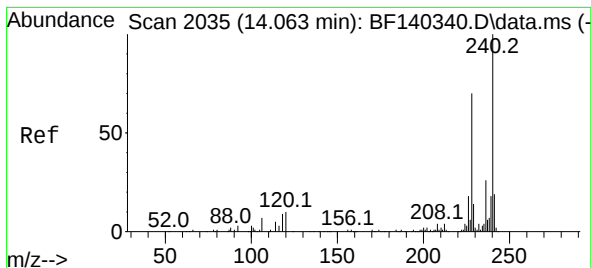
Ion Ratio Lower Upper

248 100

250 197.4 77.9 116.9#

141 534.5 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

Instrument :

BNA_F

ClientSampleId :

PB164401BL

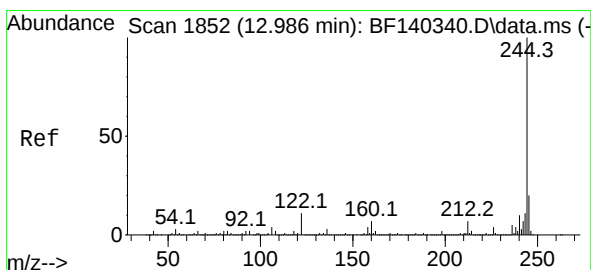
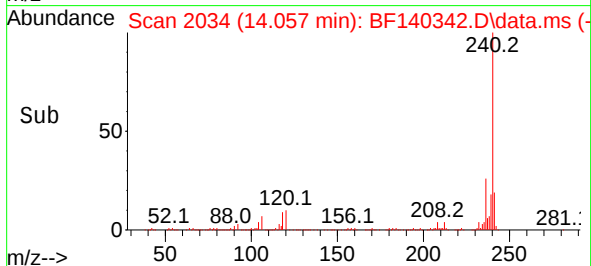
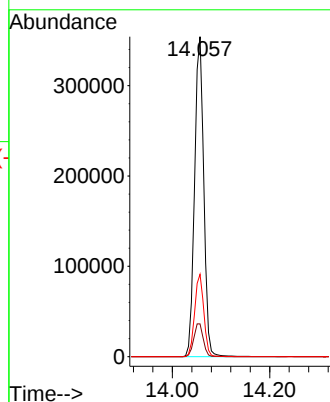
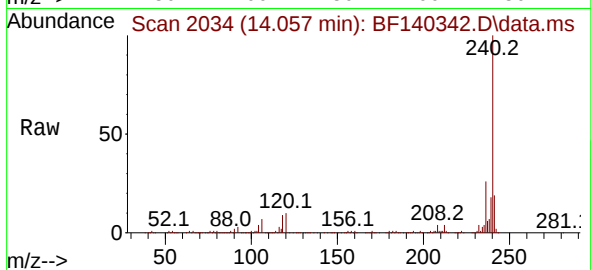
Tgt Ion:240 Resp: 465934

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 82.487 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140342.D

Acq: 13 Nov 2024 13:45

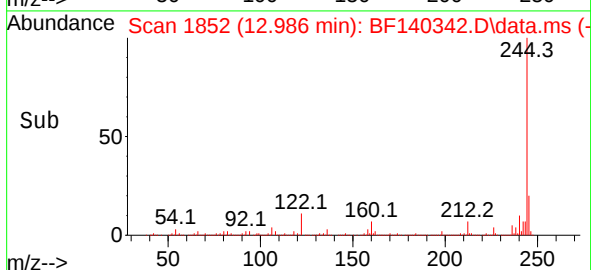
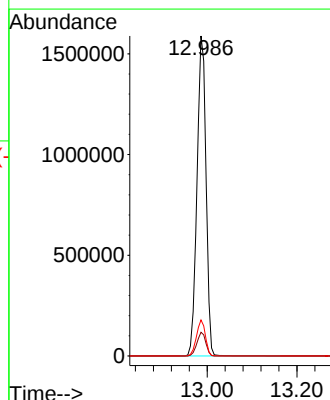
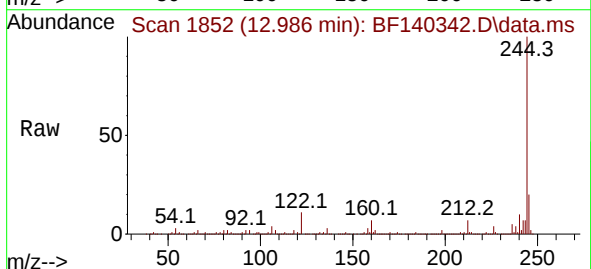
Tgt Ion:244 Resp: 2214187

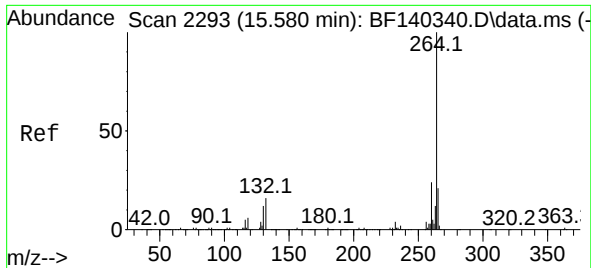
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 11.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140342.D
 Acq: 13 Nov 2024 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Tgt Ion:264 Resp: 362493
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.1 25.7

