

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140424.D
 Acq On : 16 Nov 2024 12:46
 Operator : RC/JU
 Sample : P4833-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 18 00:05:47 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)

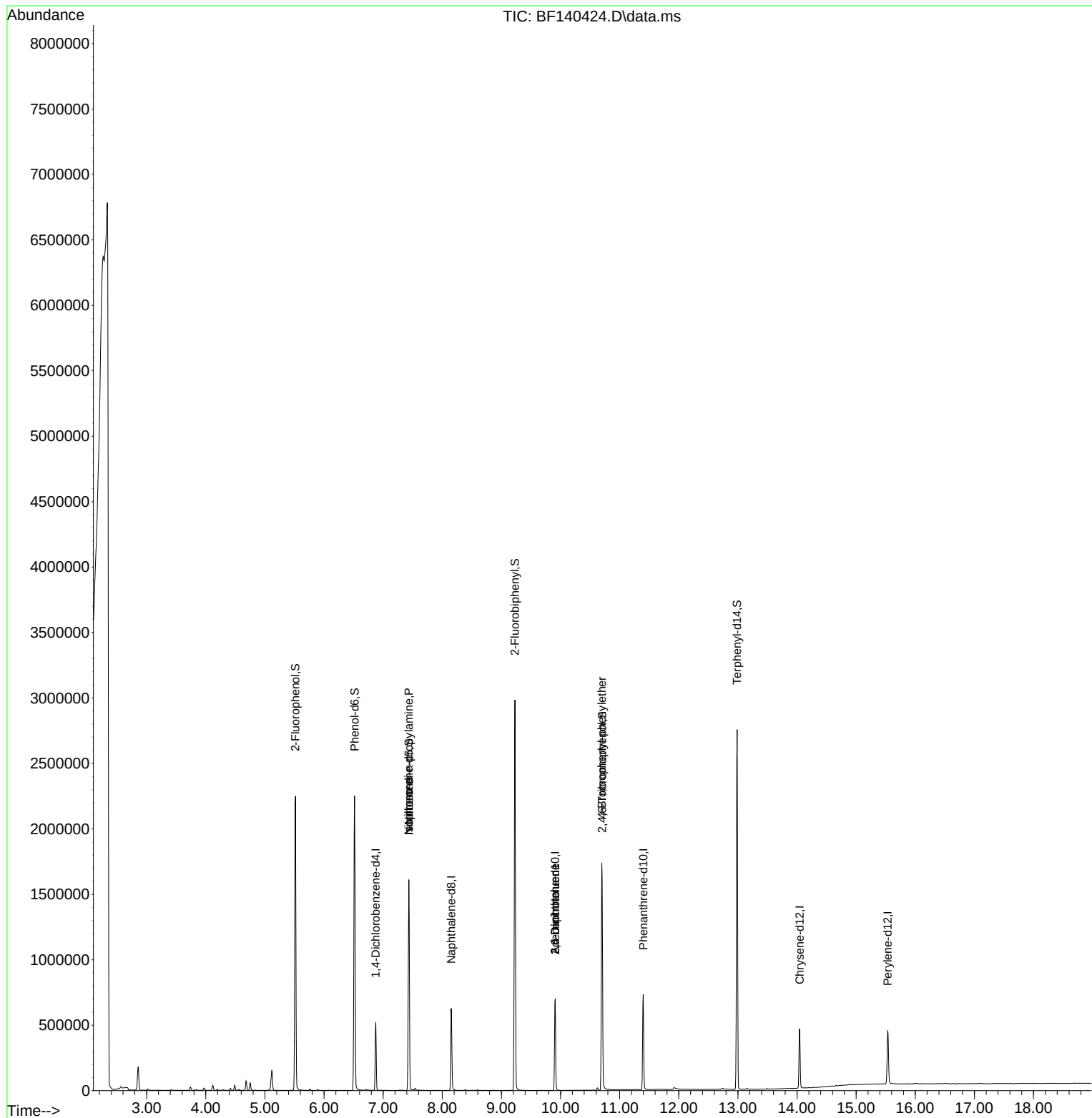
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	108709	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	405539	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	218341	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	395523	20.000	ng	0.00
76) Chrysene-d12	14.045	240	229407	20.000	ng	0.00
86) Perylene-d12	15.533	264	248406	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	867579	136.262	ng	0.02
7) Phenol-d6	6.516	99	1099751	127.489	ng	0.01
23) Nitrobenzene-d5	7.434	82	746883	95.958	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	309978	142.766	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1322684	97.383	ng	0.00
79) Terphenyl-d14	12.986	244	1347906	101.988	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	99817	19.159	ng	# 78
25) Isophorone	7.434	82	742381	53.817	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	27858	8.586	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	27858	6.524	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	20429	5.167	ng	# 1

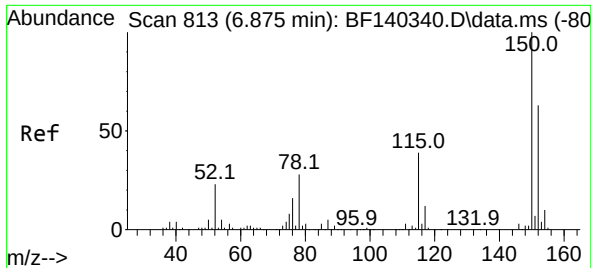
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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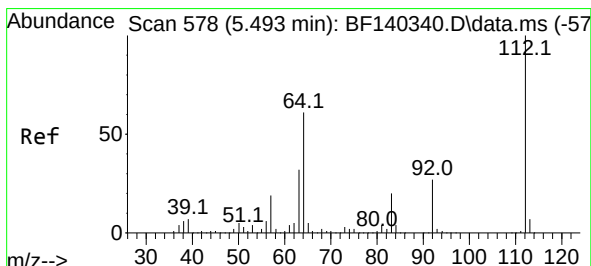
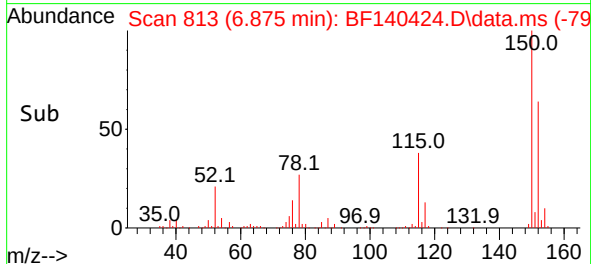
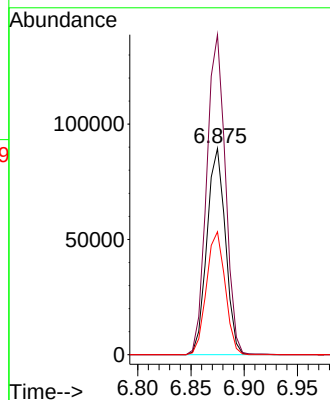
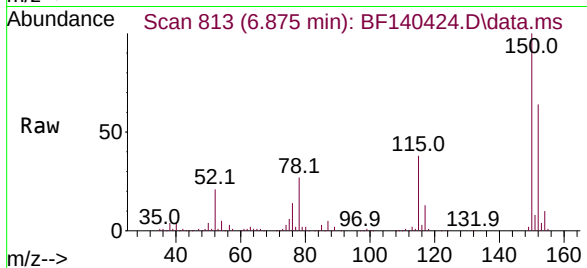




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

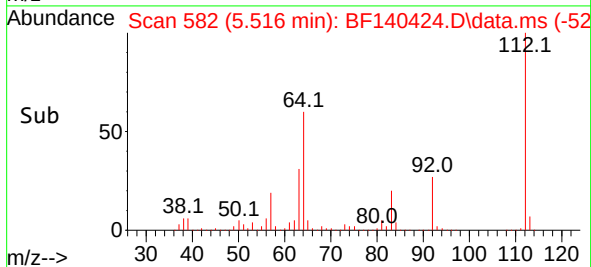
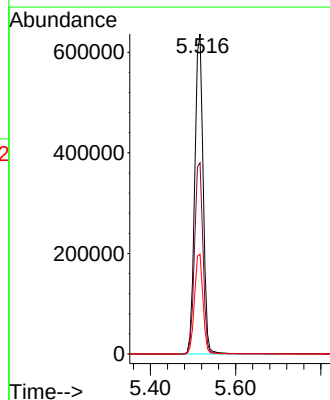
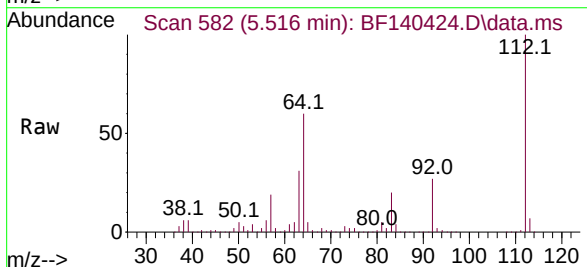
Instrument :
BNA_F
ClientSampleId :
TP-2

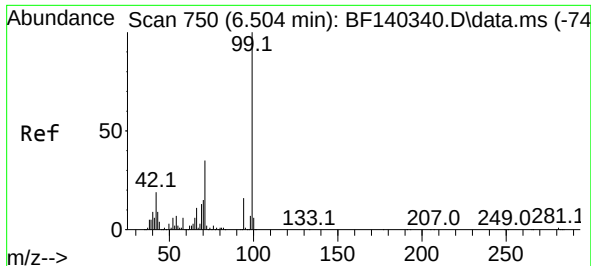
Tgt Ion:152 Resp: 108709
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 136.262 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Tgt Ion:112 Resp: 867579
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.2 25.6 38.4

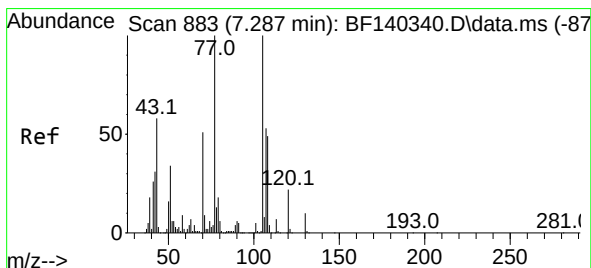
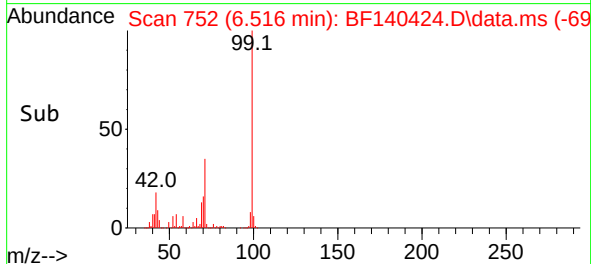
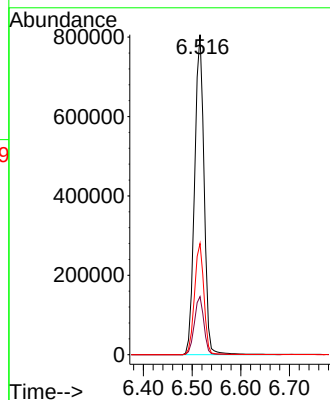
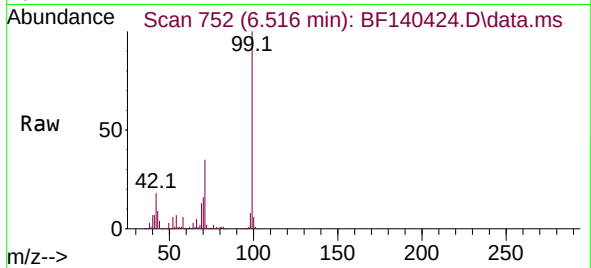




#7
Phenol-d6
Concen: 127.489 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

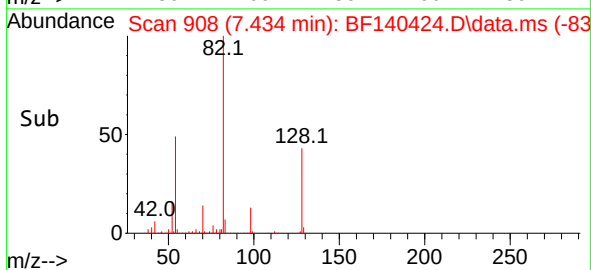
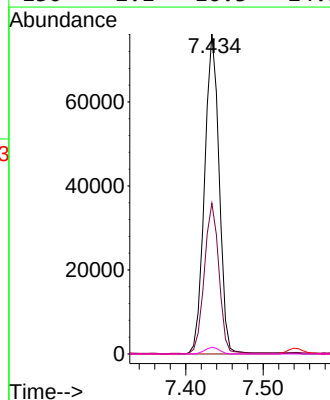
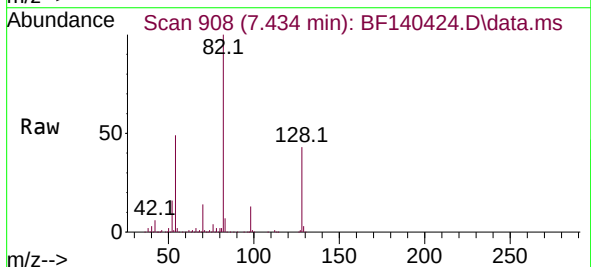
Instrument :
BNA_F
ClientSampleId :
TP-2

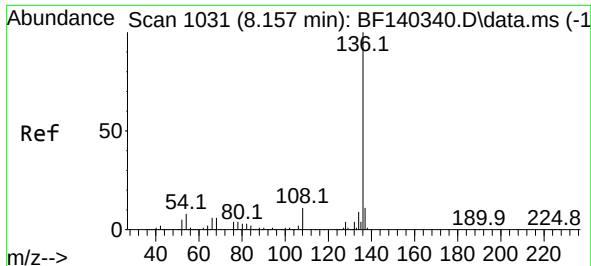
Tgt Ion: 99 Resp: 1099751
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.159 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Tgt Ion: 70 Resp: 99817
Ion Ratio Lower Upper
70 100
42 47.1 46.8 70.2
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



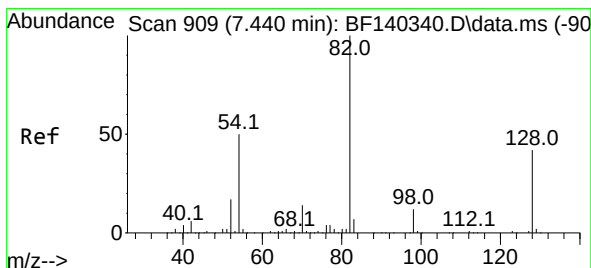
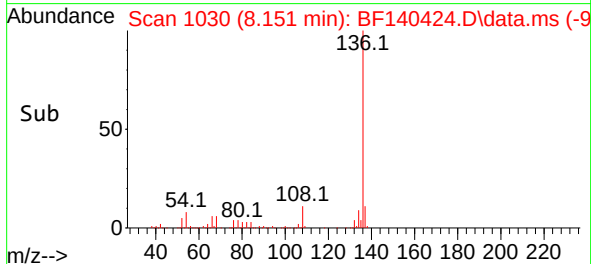
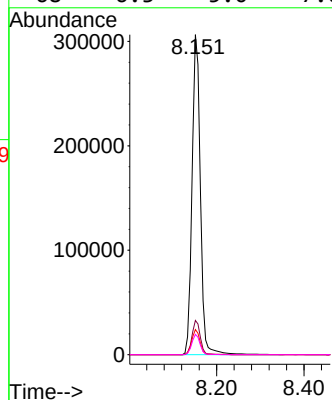
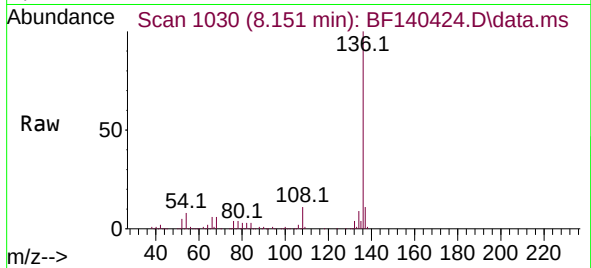


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 405539

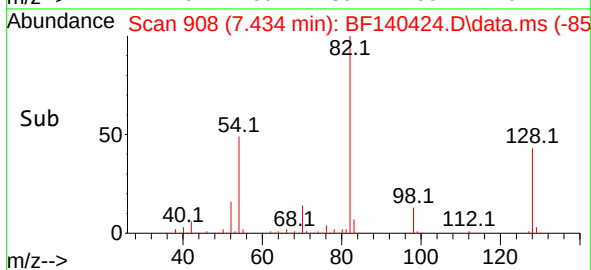
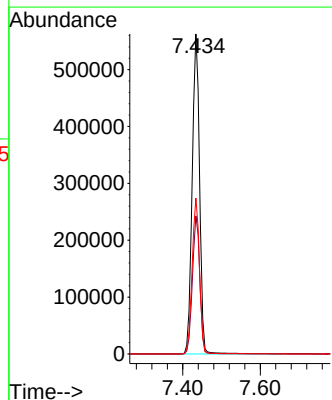
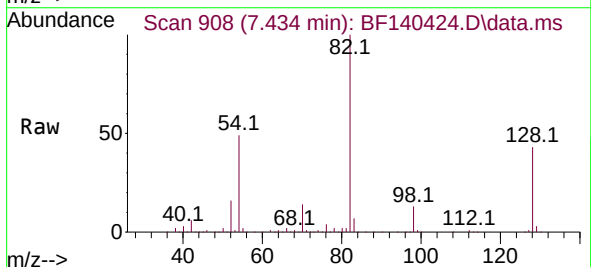
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	6.5	9.7
68	6.3	5.0	7.6

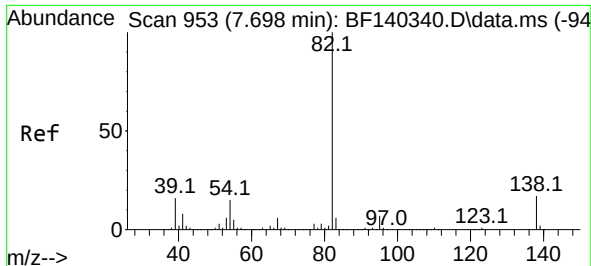


#23
Nitrobenzene-d5
Concen: 95.958 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Tgt Ion: 82 Resp: 746883

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	48.7	39.8	59.8

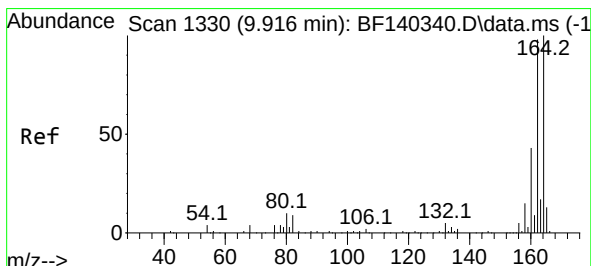
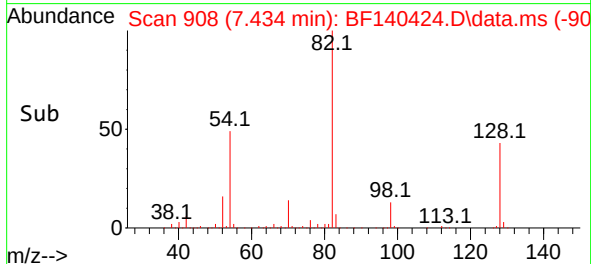
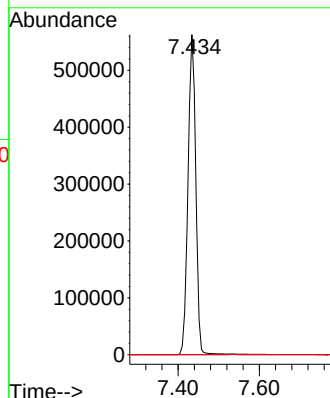
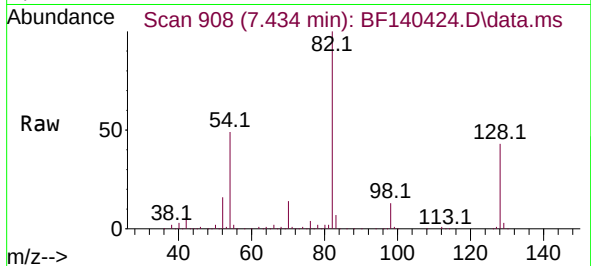




#25
Isophorone
Concen: 53.817 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

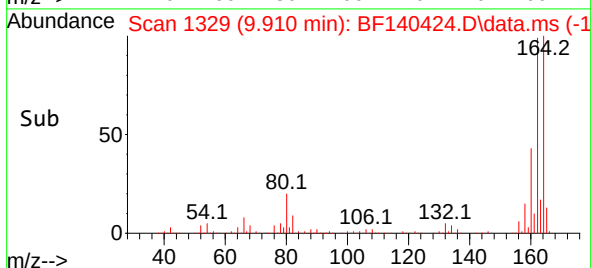
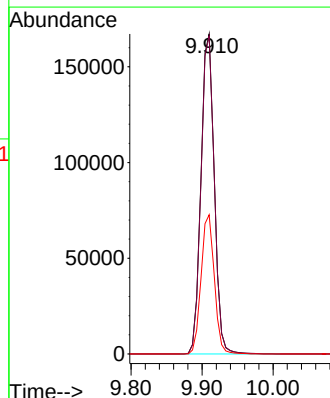
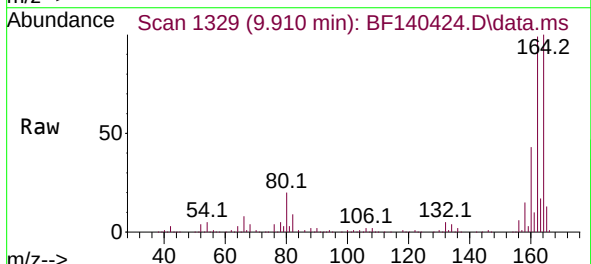
Instrument :
BNA_F
ClientSampleId :
TP-2

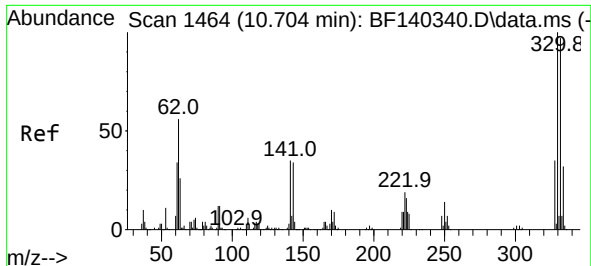
Tgt Ion: 82 Resp: 742381
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Tgt Ion: 164 Resp: 218341
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.766 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140424.D

Acq: 16 Nov 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

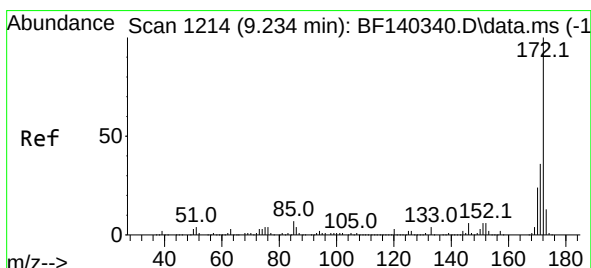
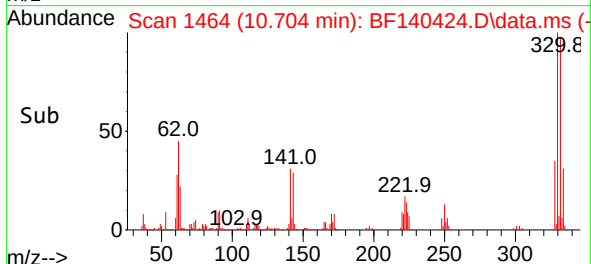
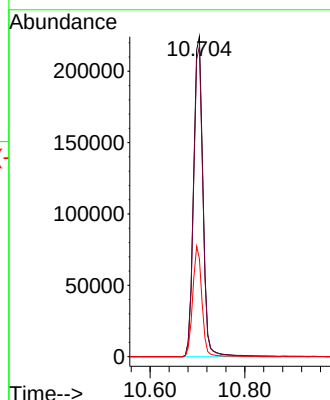
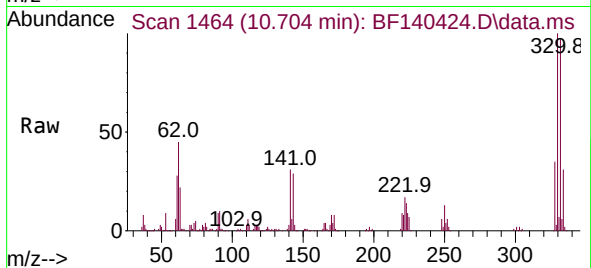
Tgt Ion:330 Resp: 309978

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

141 33.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 97.383 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140424.D

Acq: 16 Nov 2024 12:46

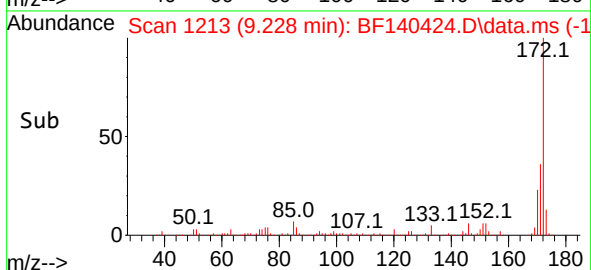
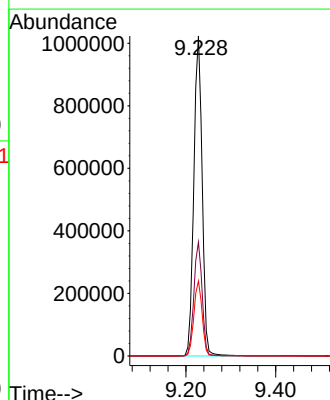
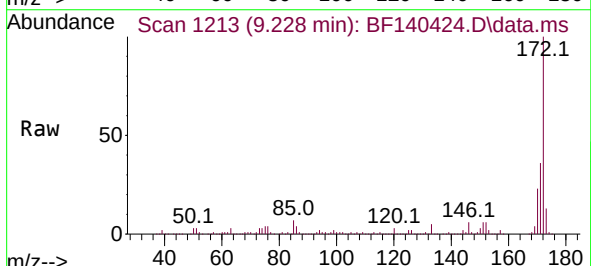
Tgt Ion:172 Resp: 1322684

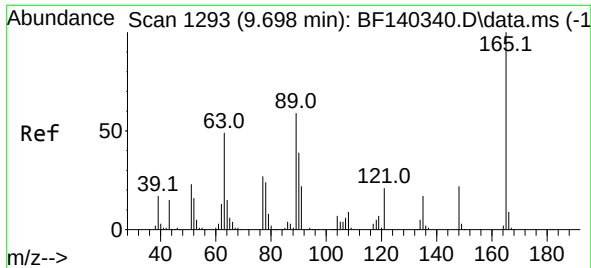
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.5 19.1 28.7

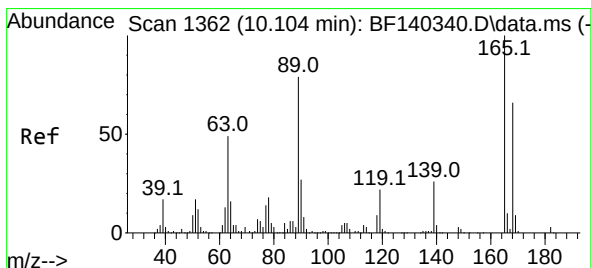
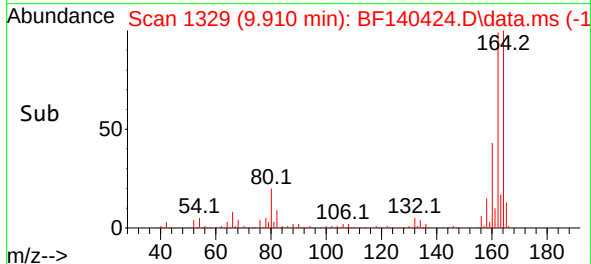
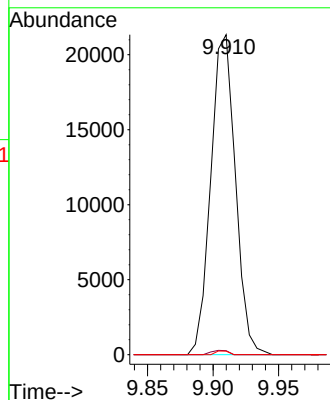
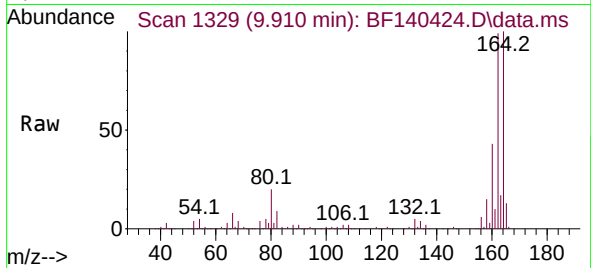




#51
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

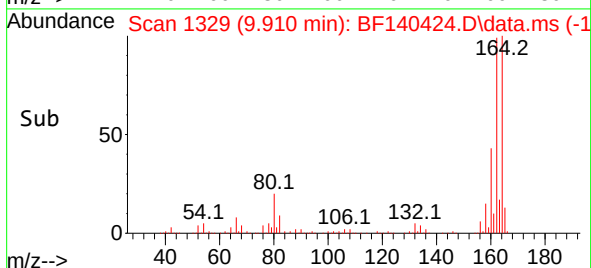
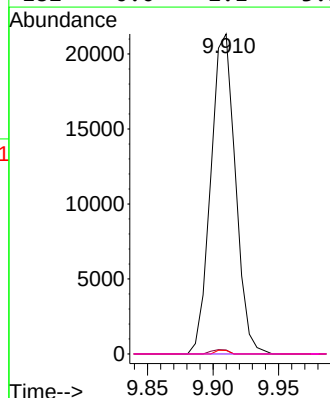
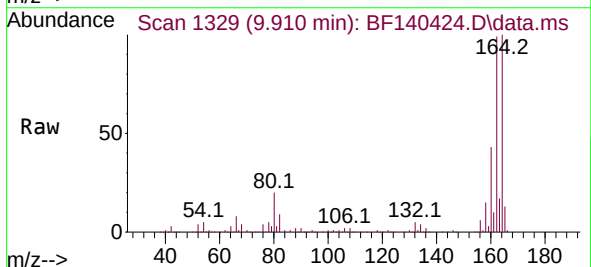
Instrument :
BNA_F
ClientSampleId :
TP-2

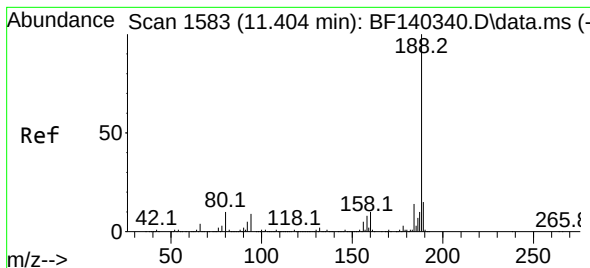
Tgt Ion:165 Resp: 27858
Ion Ratio Lower Upper
165 100
63 1.2 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.524 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Tgt Ion:165 Resp: 27858
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.1 62.4 93.6#
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: BF140424.D

Acq: 16 Nov 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

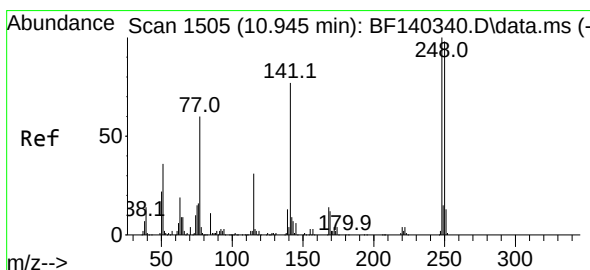
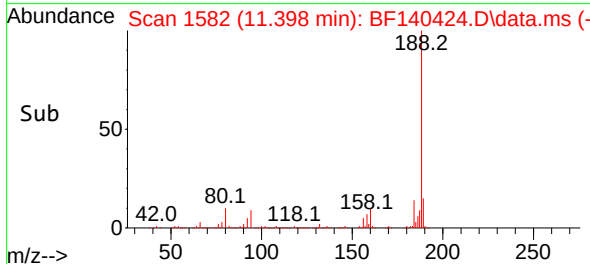
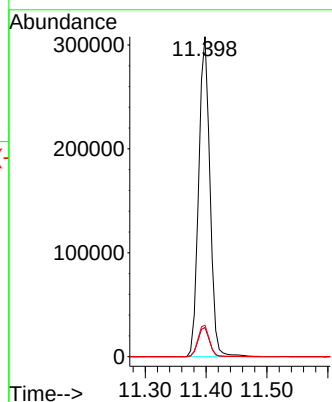
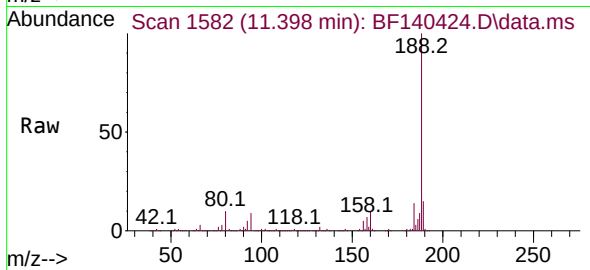
Tgt Ion:188 Resp: 395523

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.9 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.167 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140424.D

Acq: 16 Nov 2024 12:46

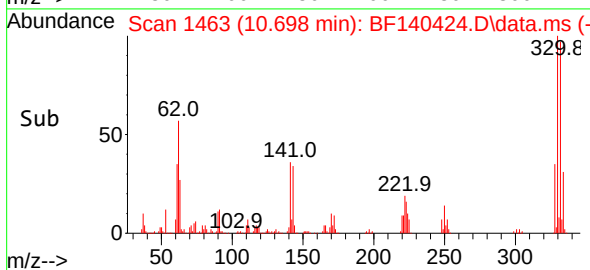
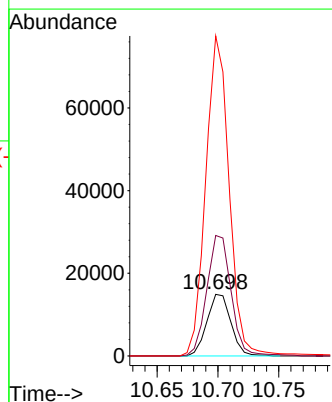
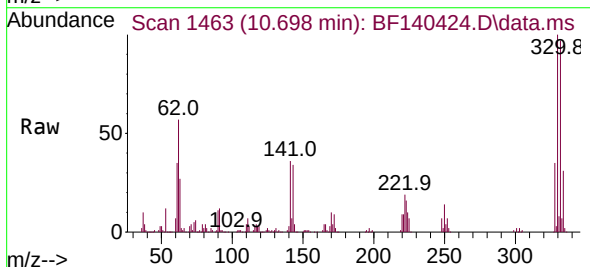
Tgt Ion:248 Resp: 20429

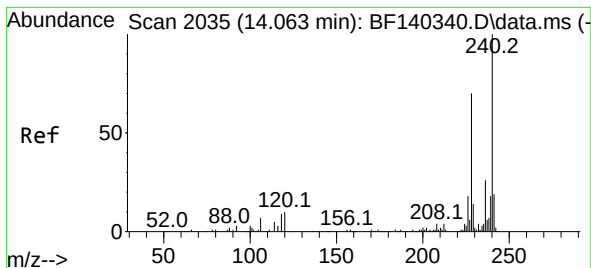
Ion Ratio Lower Upper

248 100

250 195.5 77.9 116.9#

141 519.1 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140424.D

Acq: 16 Nov 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

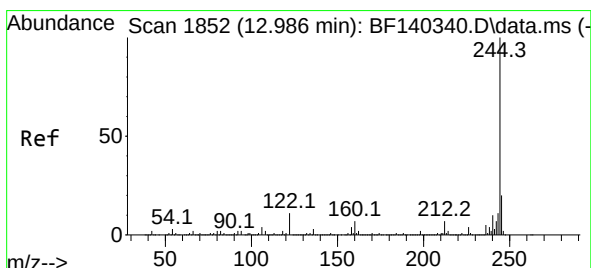
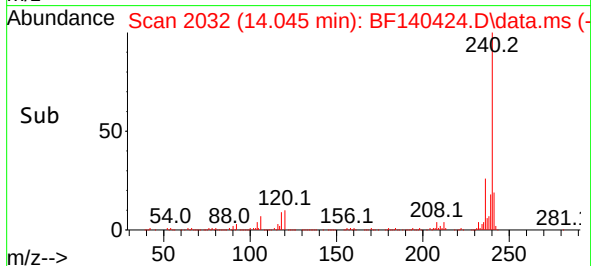
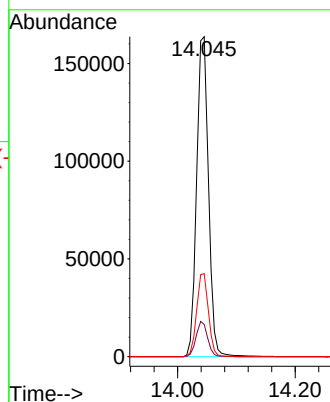
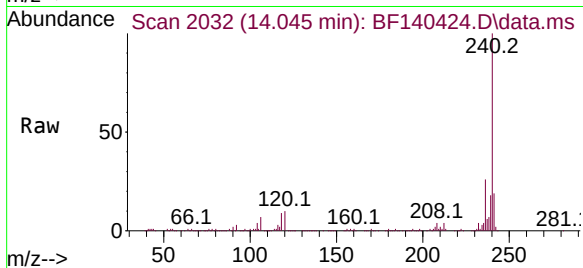
Tgt Ion:240 Resp: 229407

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 101.988 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140424.D

Acq: 16 Nov 2024 12:46

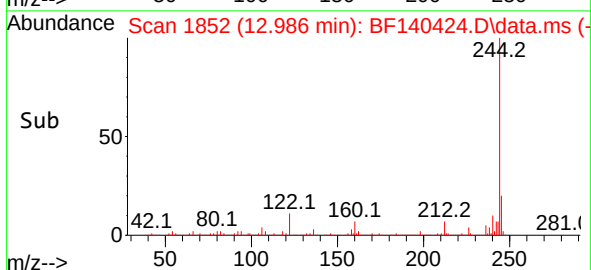
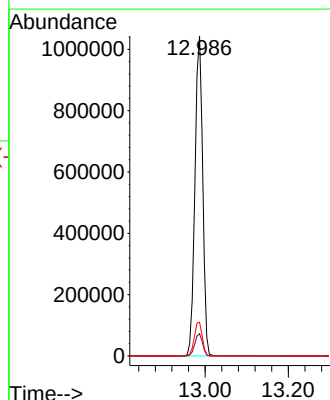
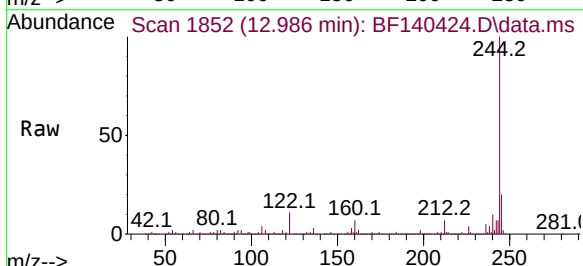
Tgt Ion:244 Resp: 1347906

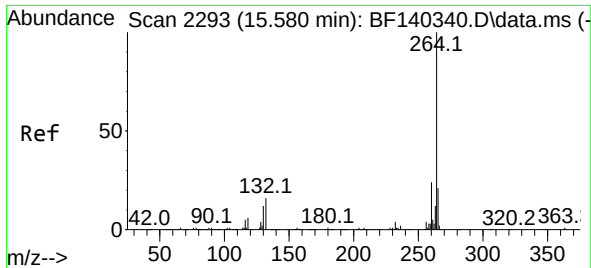
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140424.D
Acq: 16 Nov 2024 12:46

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 248406

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.1	25.7

