

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140457.D
 Acq On : 18 Nov 2024 16:40
 Operator : RC/JU
 Sample : PB164944TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164944TB

Quant Time: Nov 18 17:11:44 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)

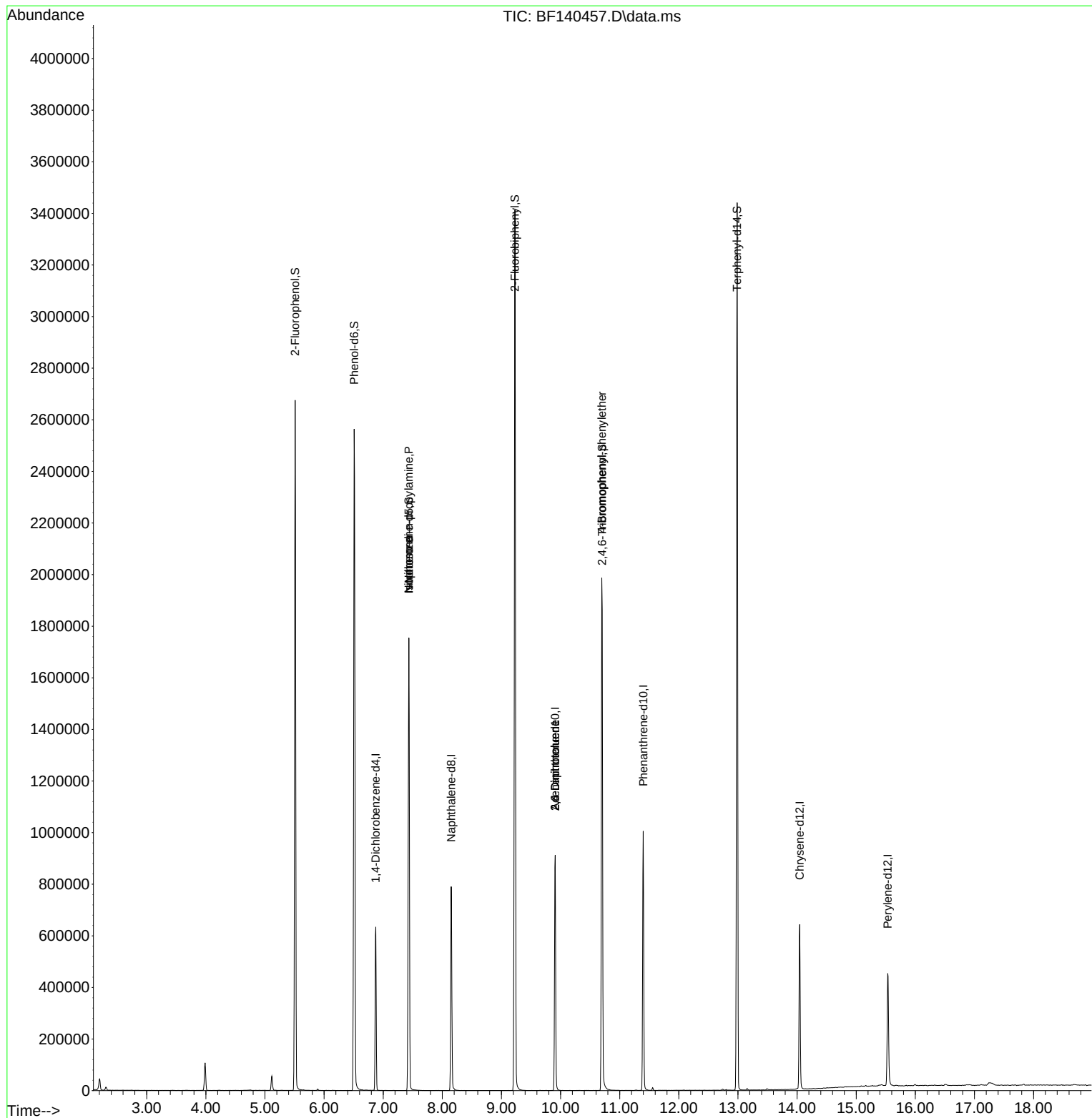
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137297	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	521129	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	291081	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	544276	20.000	ng	0.00
76) Chrysene-d12	14.045	240	322585	20.000	ng	0.00
86) Perylene-d12	15.533	264	278242	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1002542	124.673	ng	0.02
7) Phenol-d6	6.510	99	1307263	119.990	ng	0.00
23) Nitrobenzene-d5	7.434	82	861889	86.172	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	359148	124.076	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1586724	87.630	ng	0.00
79) Terphenyl-d14	12.986	244	1731763	93.184	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	116064	17.639	ng	# 77
25) Isophorone	7.434	82	856717	48.330	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	36943	8.541	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	36943	6.490	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	22629	4.159	ng	# 1

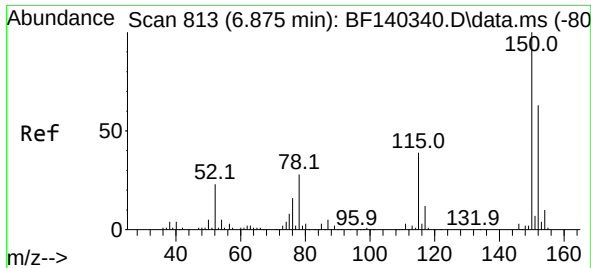
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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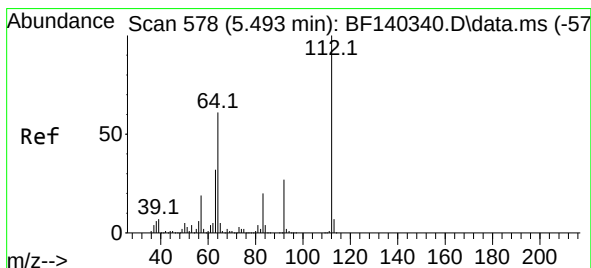
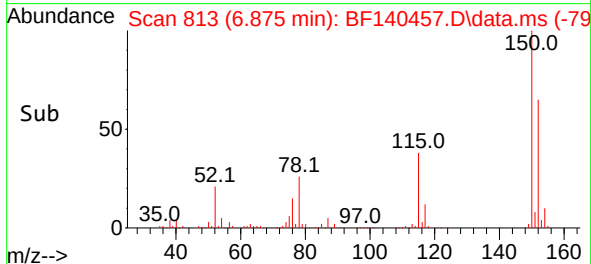
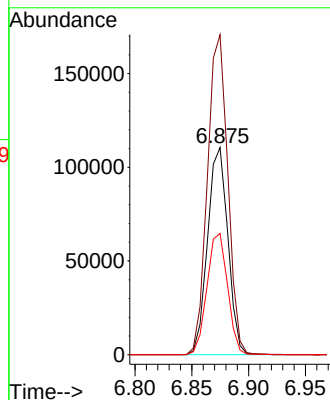
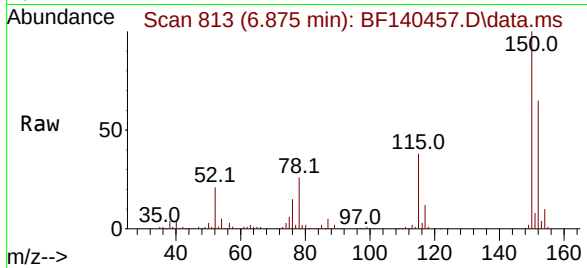




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

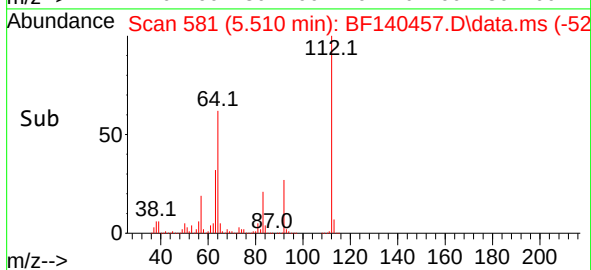
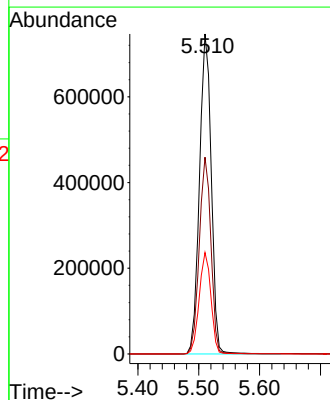
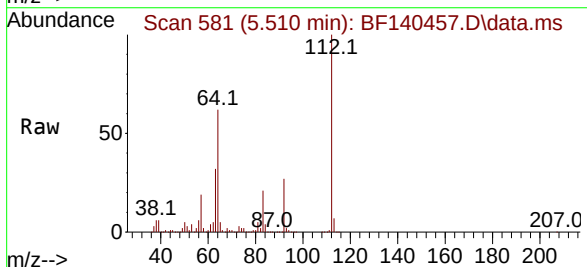
Instrument :
BNA_F
ClientSampleId :
PB164944TB

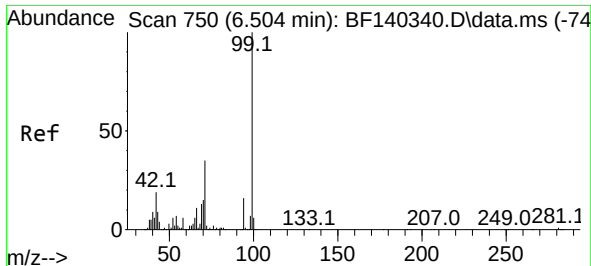
Tgt Ion:152 Resp: 137297
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 58.5 47.4 71.2



#5
2-Fluorophenol
Concen: 124.673 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion:112 Resp: 1002542
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 31.7 25.6 38.4

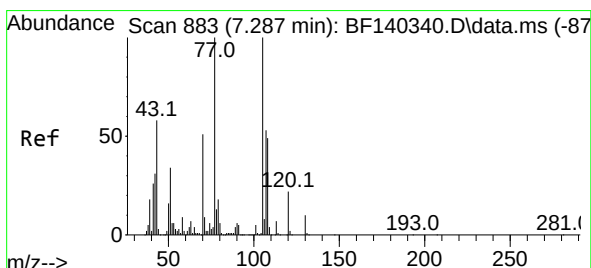
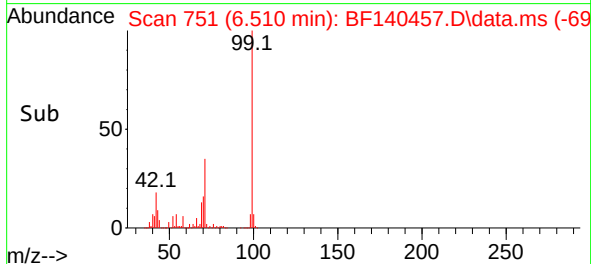
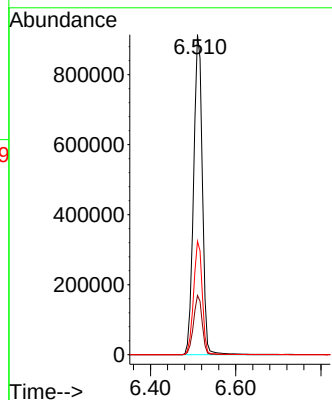
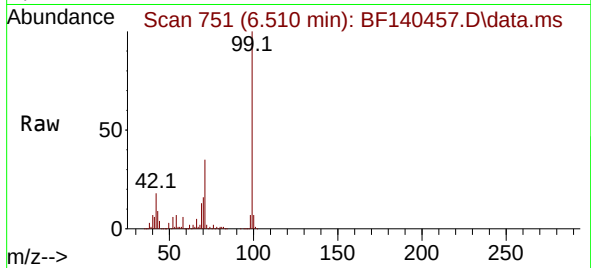




#7
Phenol-d6
Concen: 119.990 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

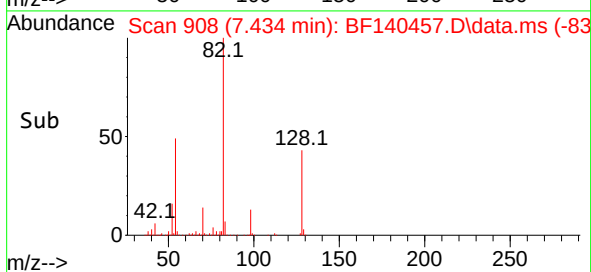
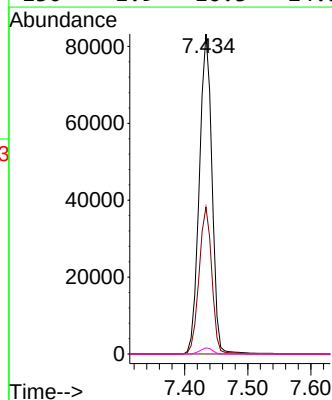
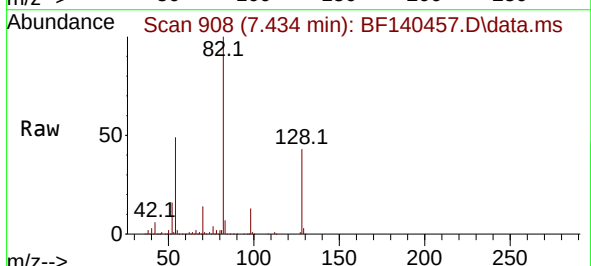
Instrument :
BNA_F
ClientSampleId :
PB164944TB

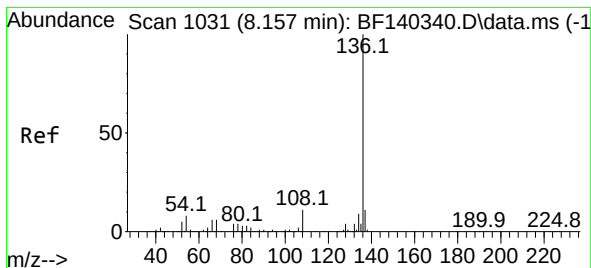
Tgt Ion: 99 Resp: 1307263
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.4 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.639 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion: 70 Resp: 116064
Ion Ratio Lower Upper
70 100
42 45.9 46.8 70.2#
101 0.0 7.5 11.3#
130 1.9 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: BF140457.D

Acq: 18 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB164944TB

Tgt Ion:136 Resp: 521129

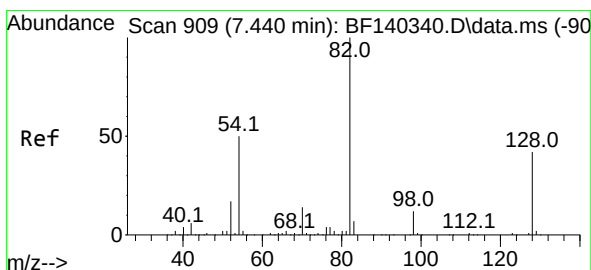
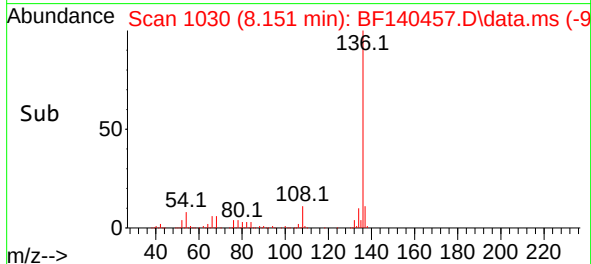
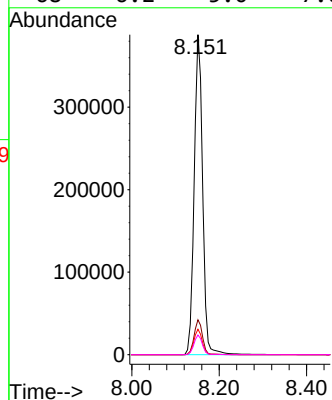
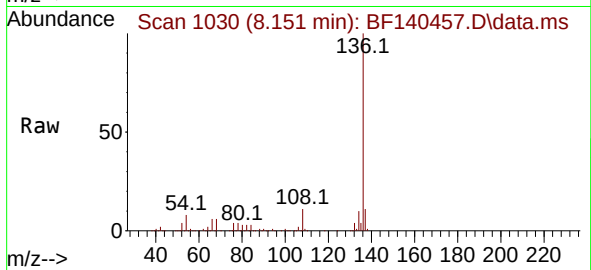
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 6.5 9.7

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 86.172 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140457.D

Acq: 18 Nov 2024 16:40

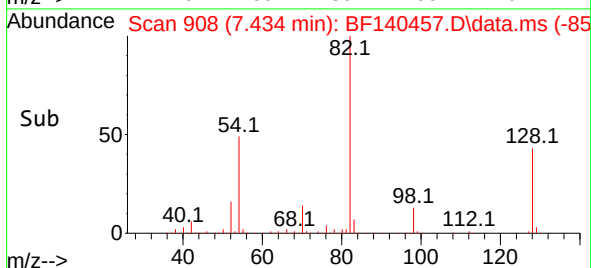
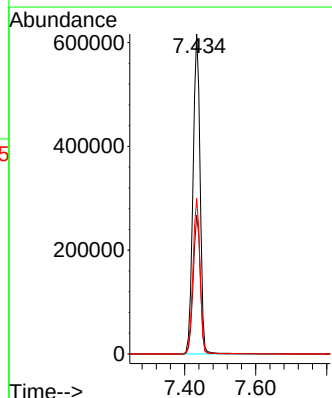
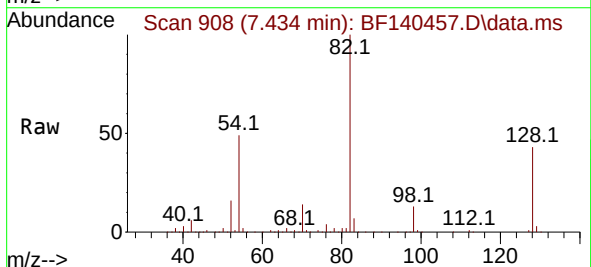
Tgt Ion: 82 Resp: 861889

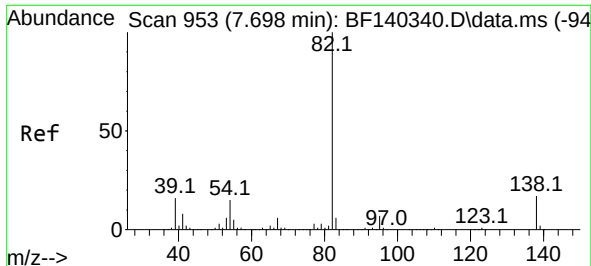
Ion Ratio Lower Upper

82 100

128 43.3 33.3 49.9

54 48.6 39.8 59.8

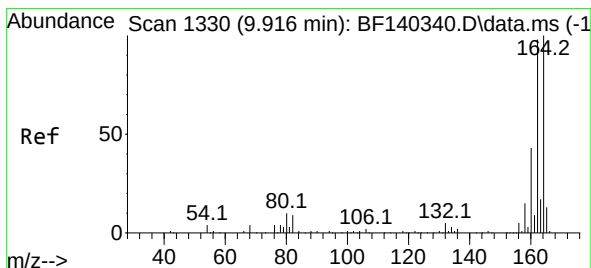
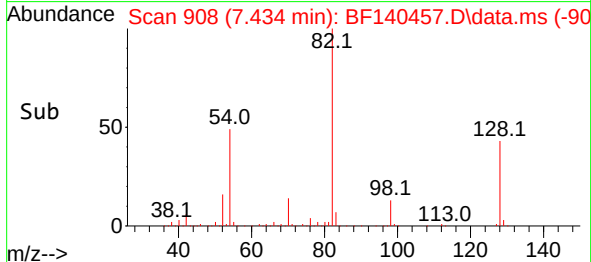
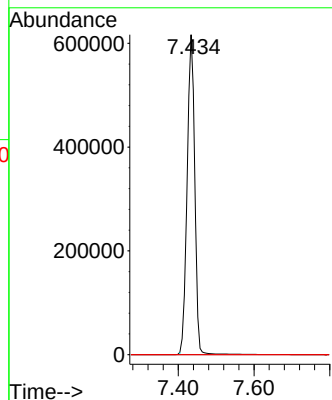
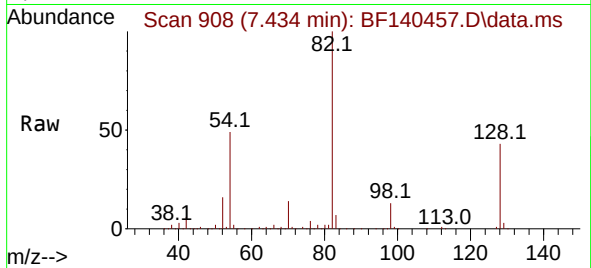




#25
Isophorone
Concen: 48.330 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

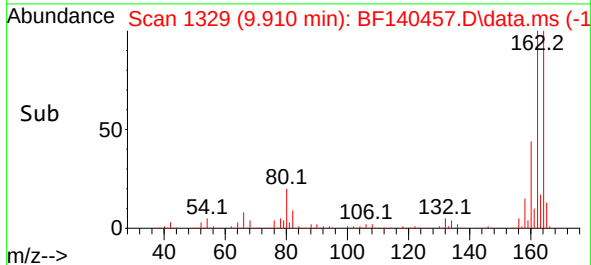
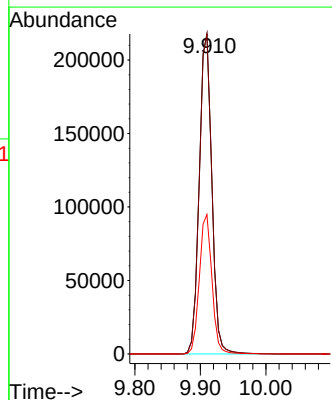
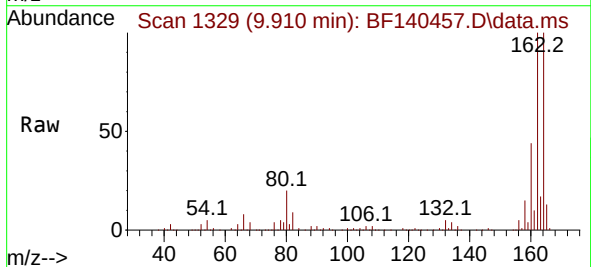
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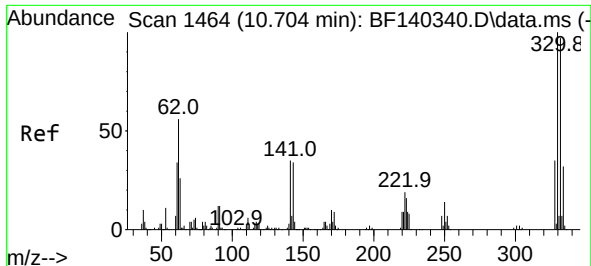
Tgt Ion: 82 Resp: 856717
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

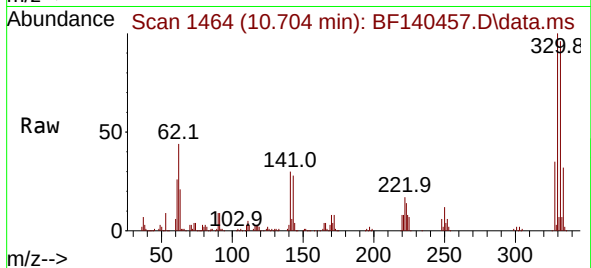
Tgt Ion:164 Resp: 291081
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 43.5 35.4 53.0



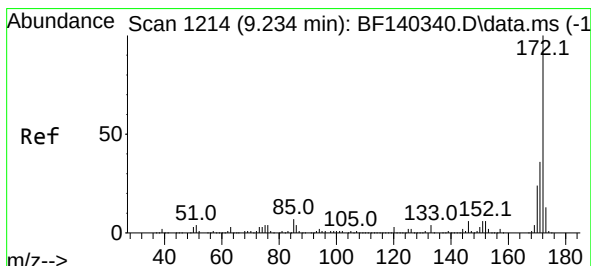
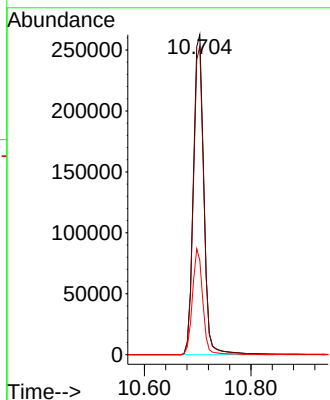
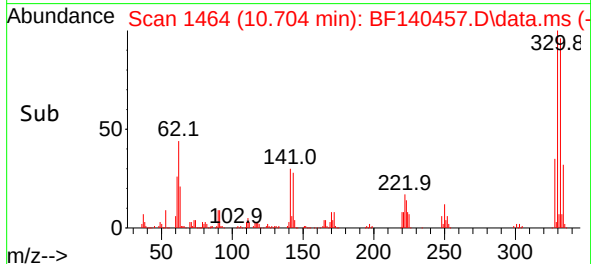


#42
2,4,6-Tribromophenol
Concen: 124.076 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Instrument :
BNA_F
ClientSampleId :
PB164944TB

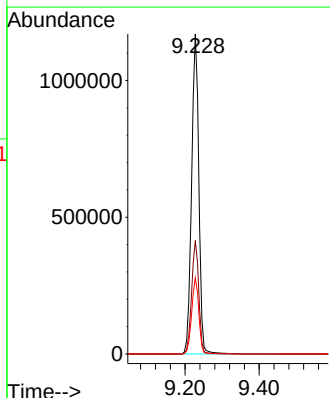
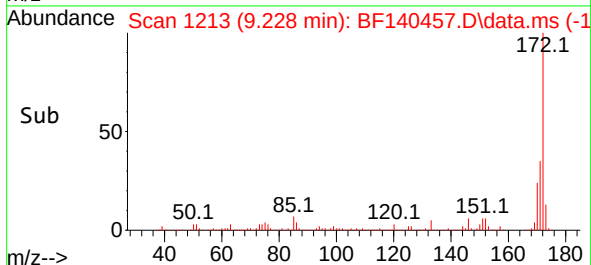
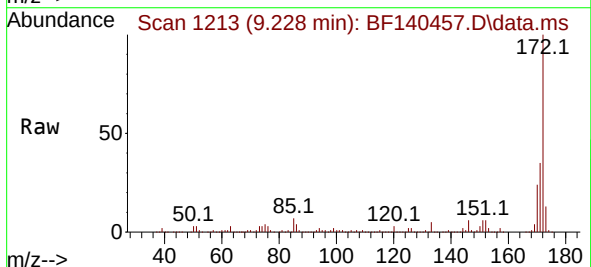


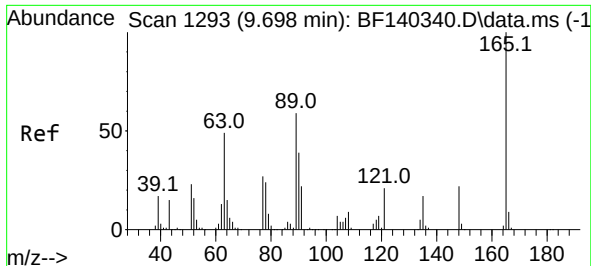
Tgt Ion:330 Resp: 359148
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 32.5 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 87.630 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion:172 Resp: 1586724
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.1 28.7

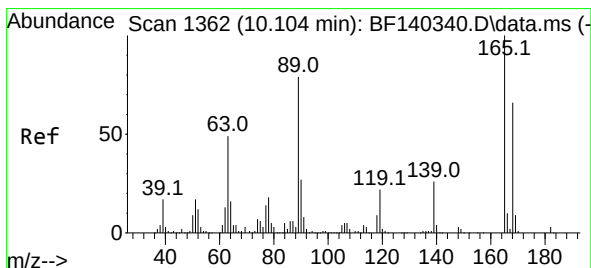
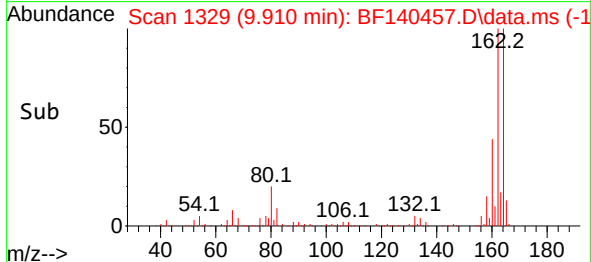
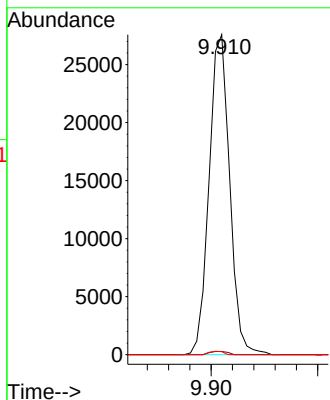
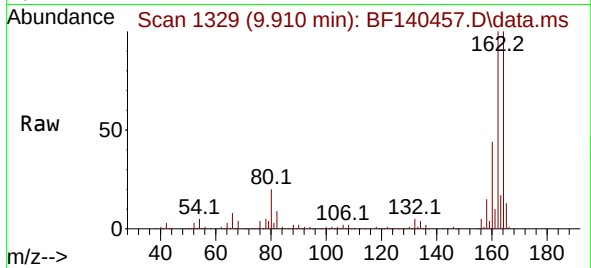




#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

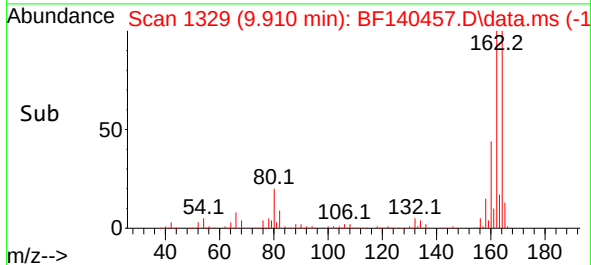
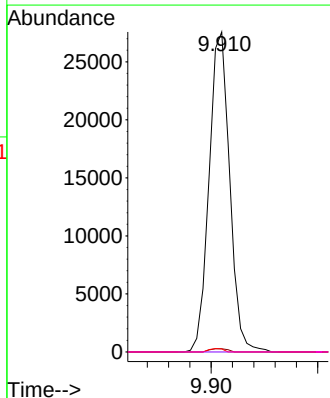
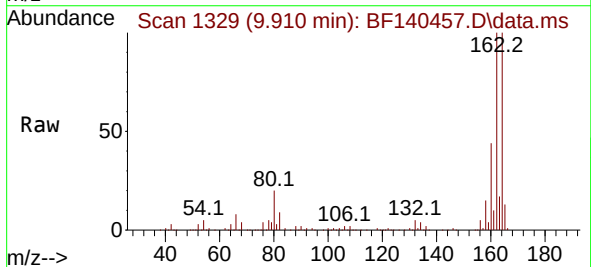
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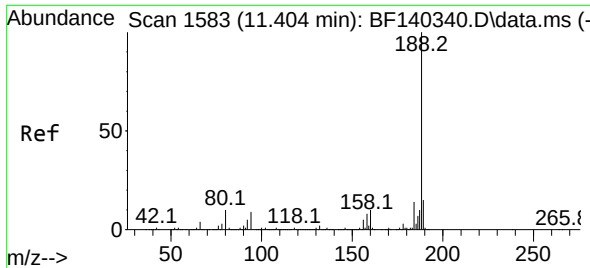
Tgt Ion:165 Resp: 36943
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.490 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion:165 Resp: 36943
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 0.9 62.4 93.6#
182 0.0 2.1 3.1#

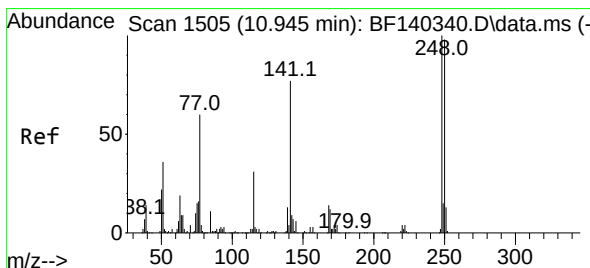
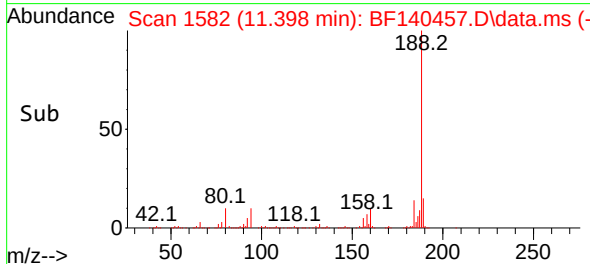
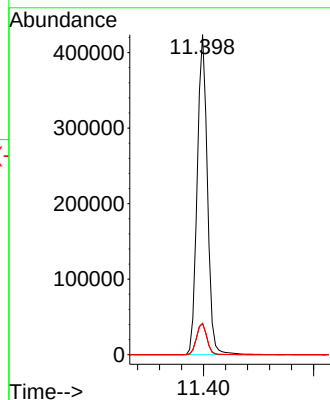
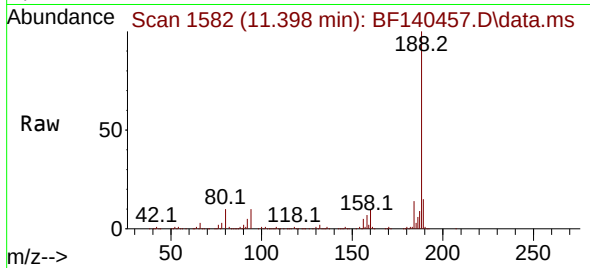




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

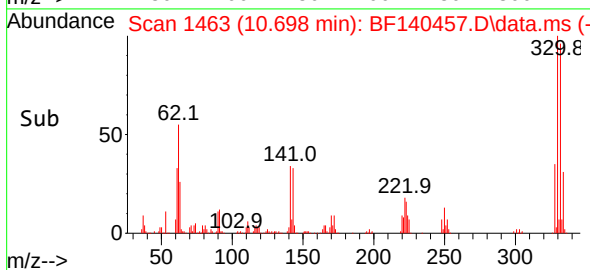
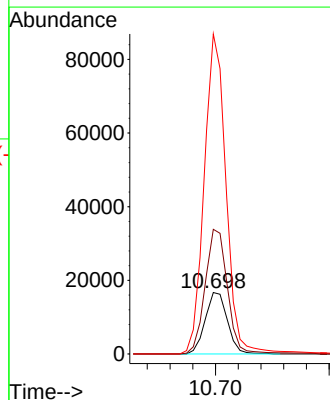
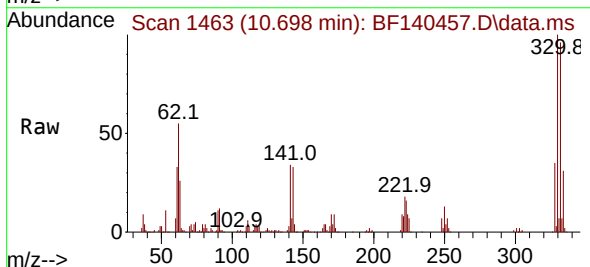
Instrument :
BNA_F
ClientSampleId :
PB164944TB

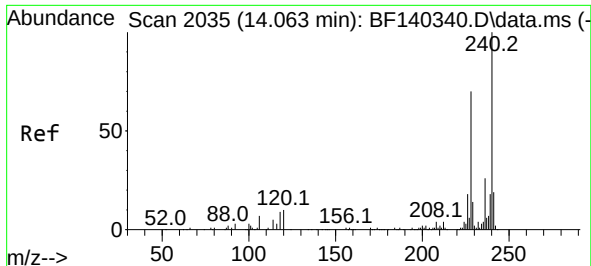
Tgt Ion:188 Resp: 544276
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 9.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion:248 Resp: 22629
Ion Ratio Lower Upper
248 100
250 202.8 77.9 116.9#
141 520.6 61.8 92.6#

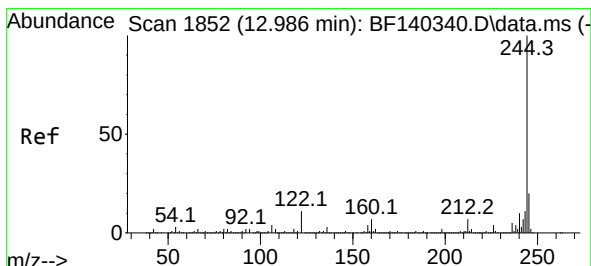
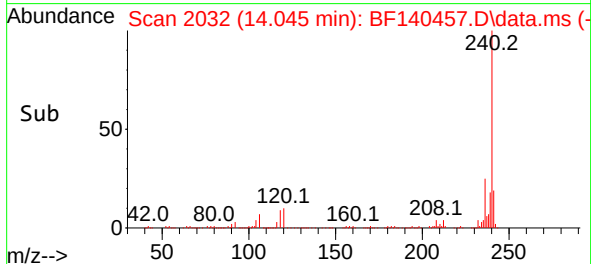
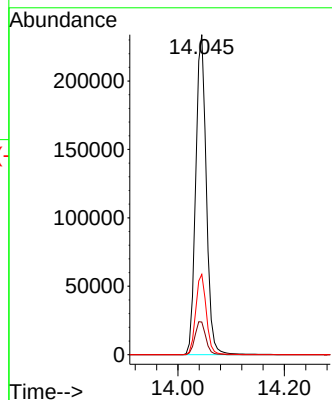
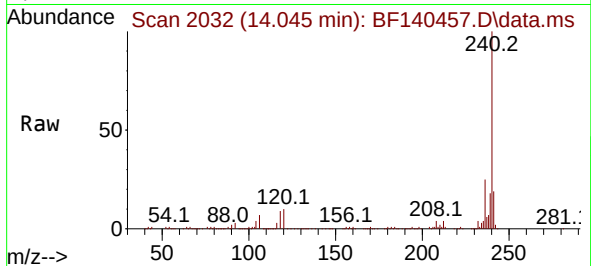




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

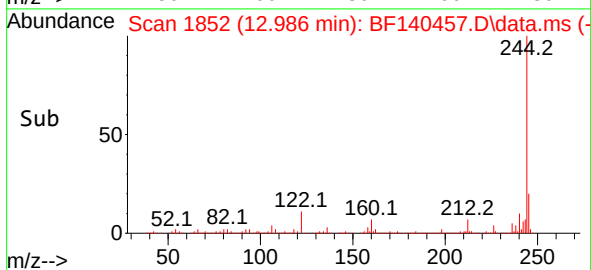
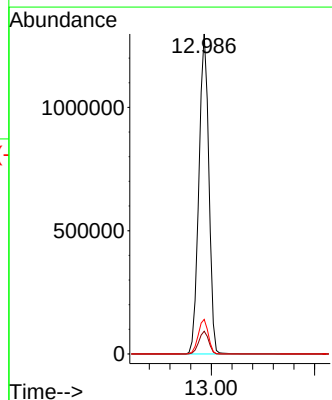
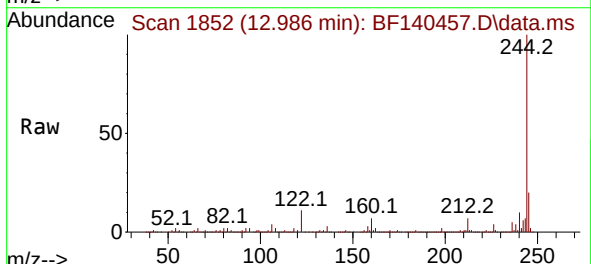
Instrument :
BNA_F
ClientSampleId :
PB164944TB

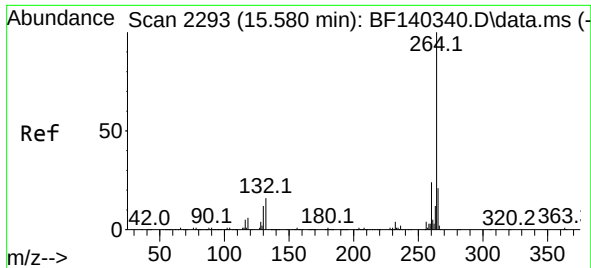
Tgt Ion:240 Resp: 322585
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 93.184 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140457.D
Acq: 18 Nov 2024 16:40

Tgt Ion:244 Resp: 1731763
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.8 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: BF140457.D
Acq: 18 Nov 2024 16:40

Instrument :
BNA_F
ClientSampleId :
PB164944TB

Tgt Ion:264 Resp: 278242

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.1	25.7

