

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140453.D
 Acq On : 18 Nov 2024 14:45
 Operator : RC/JU
 Sample : PB164969BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164969BL

Quant Time: Nov 18 15:23:37 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)

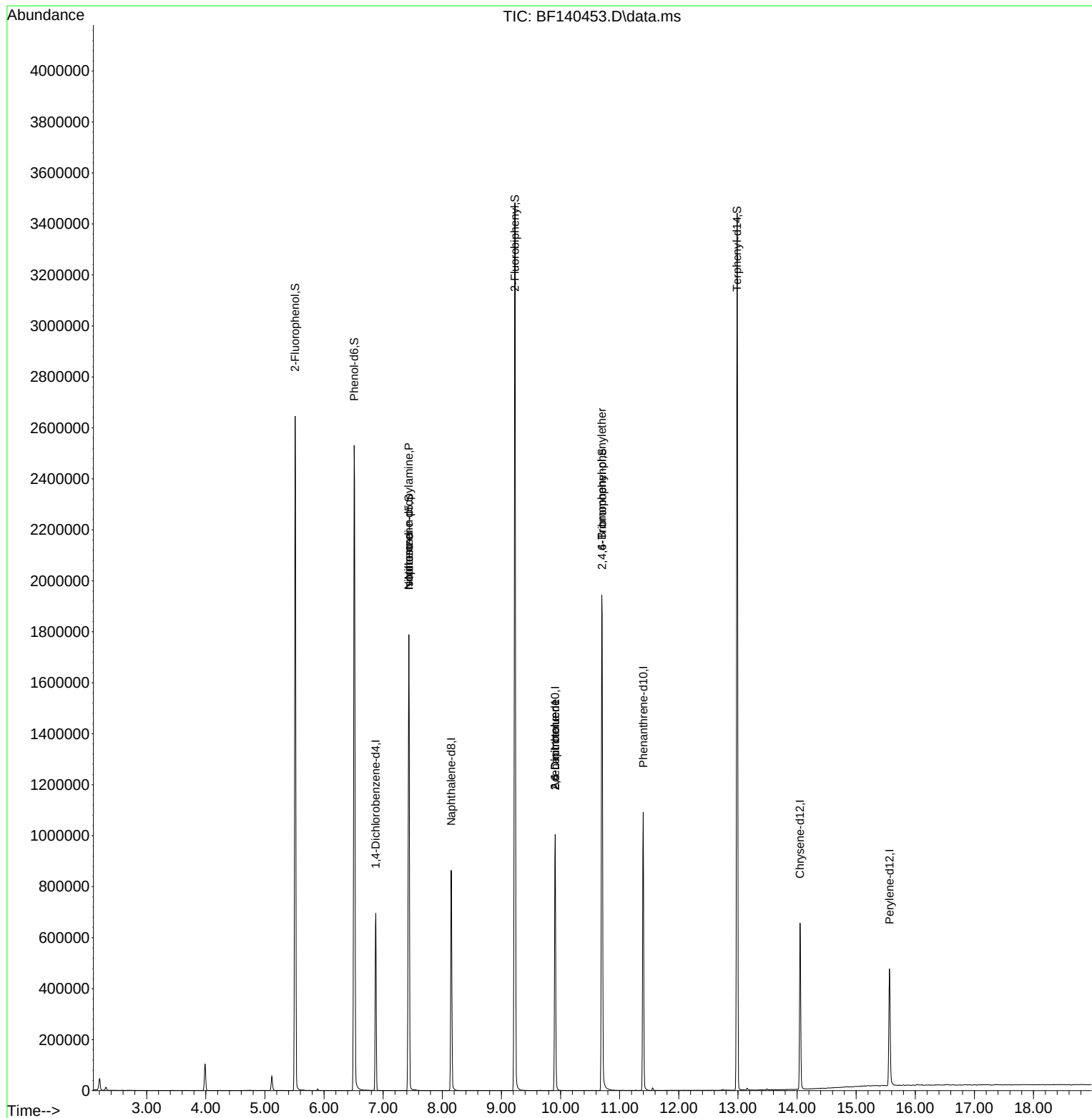
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148263	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	570922	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	315471	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	589715	20.000	ng	0.00
76) Chrysene-d12	14.051	240	324998	20.000	ng	0.00
86) Perylene-d12	15.563	264	288698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1002749	115.476	ng	0.02
7) Phenol-d6	6.510	99	1299393	110.446	ng	0.00
23) Nitrobenzene-d5	7.434	82	869845	79.383	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	358807	114.375	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1620562	82.579	ng	0.00
79) Terphenyl-d14	12.986	244	1711026	91.385	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	116231	16.358	ng	# 76
25) Isophorone	7.434	82	865422	44.563	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	41247	8.799	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	41247	6.686	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	23417	3.972	ng	# 1

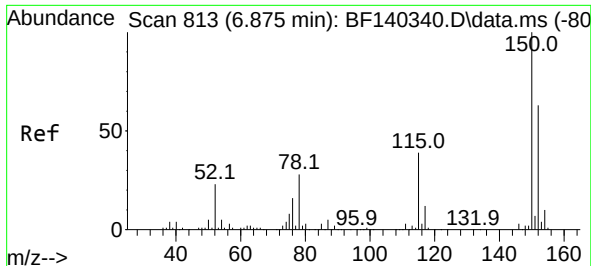
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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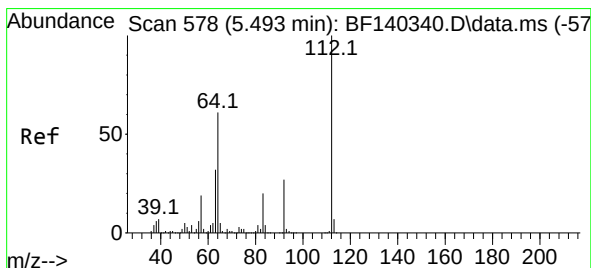
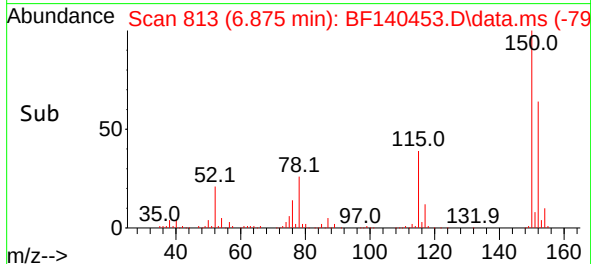
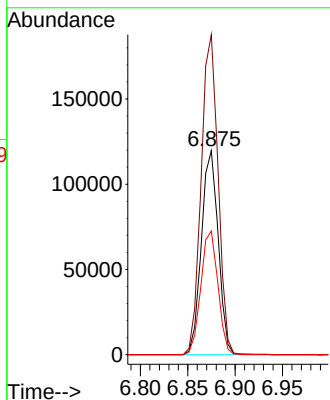
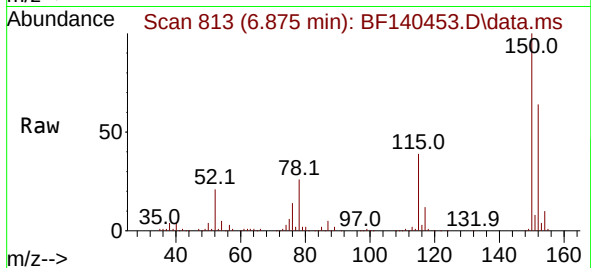




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

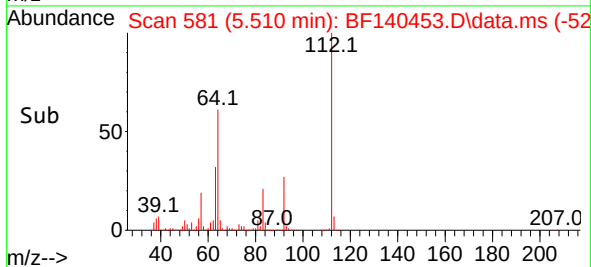
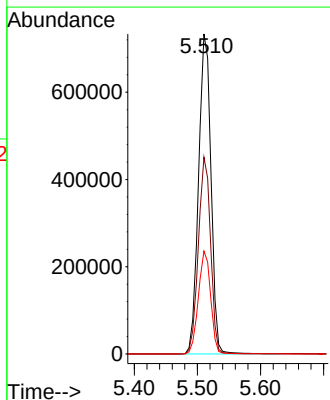
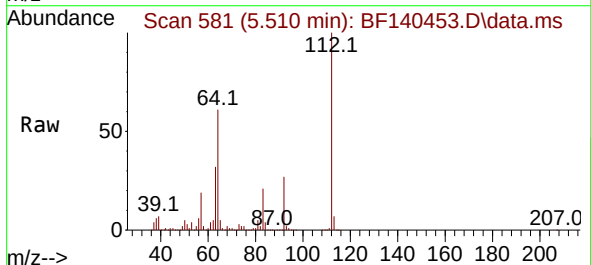
Instrument :
BNA_F
ClientSampleId :
PB164969BL

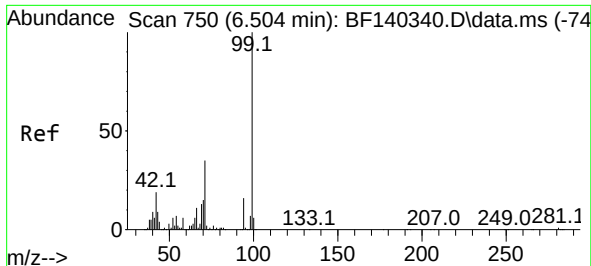
Tgt Ion:152 Resp: 148263
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 60.6 47.4 71.2



#5
2-Fluorophenol
Concen: 115.476 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

Tgt Ion:112 Resp: 1002749
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 32.2 25.6 38.4

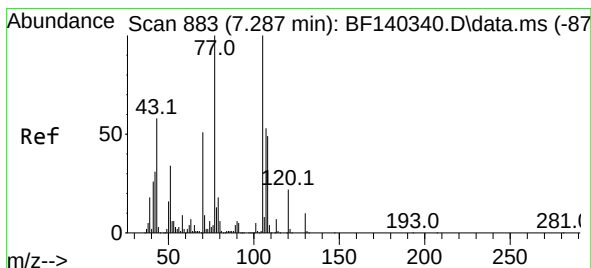
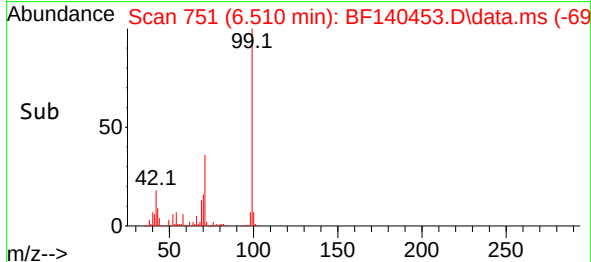
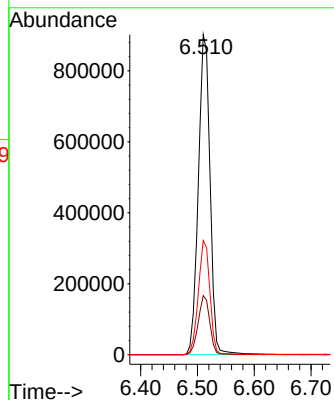
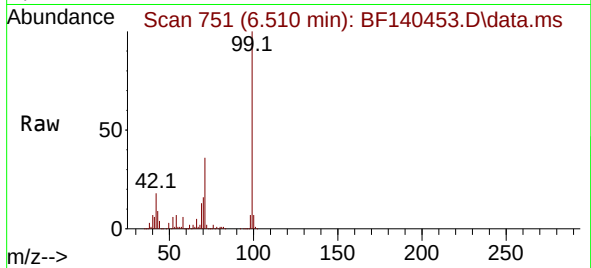




#7
Phenol-d6
Concen: 110.446 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

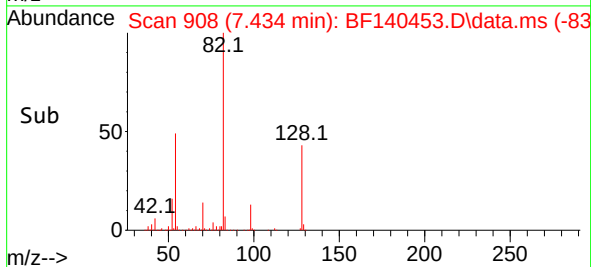
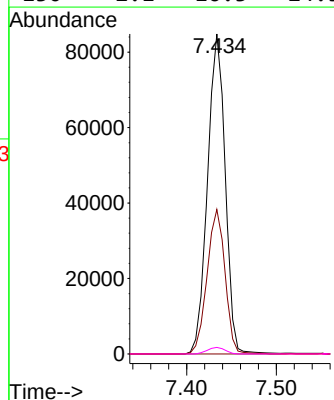
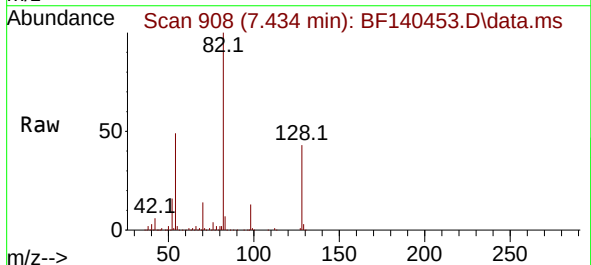
Instrument :
BNA_F
ClientSampleId :
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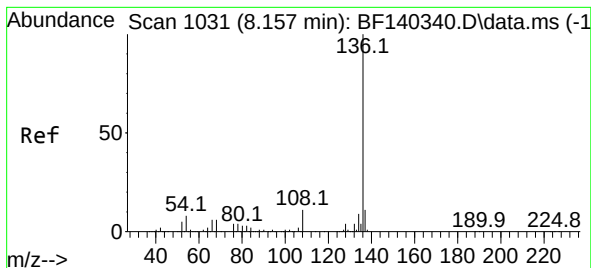
Tgt Ion: 99 Resp: 1299393
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.7 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.358 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

Tgt Ion: 70 Resp: 116231
Ion Ratio Lower Upper
70 100
42 45.2 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# 1

Delta R.T. -0.006 min

Lab File: BF140453.D

Acq: 18 Nov 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB164969BL

Tgt Ion:136 Resp: 570922

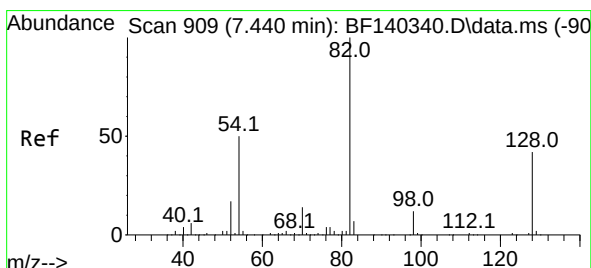
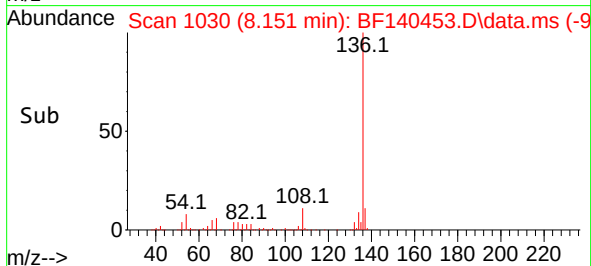
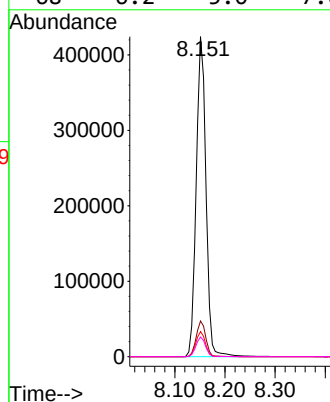
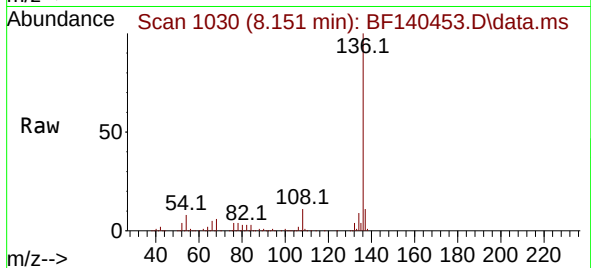
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.8 6.5 9.7

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 79.383 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140453.D

Acq: 18 Nov 2024 14:45

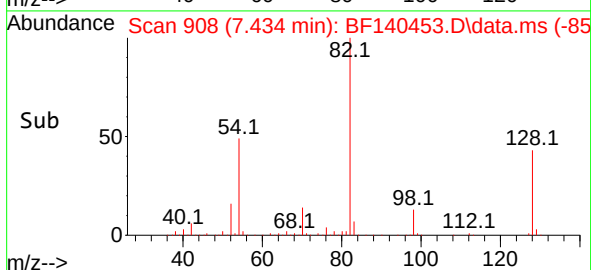
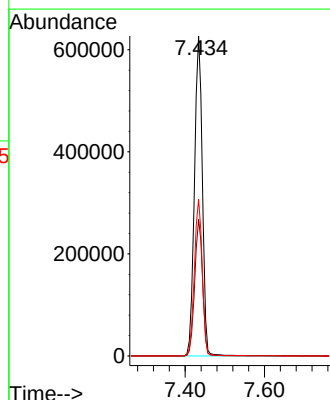
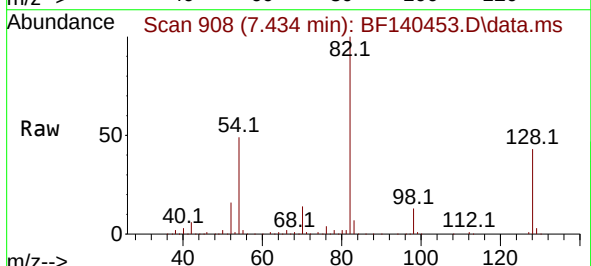
Tgt Ion: 82 Resp: 869845

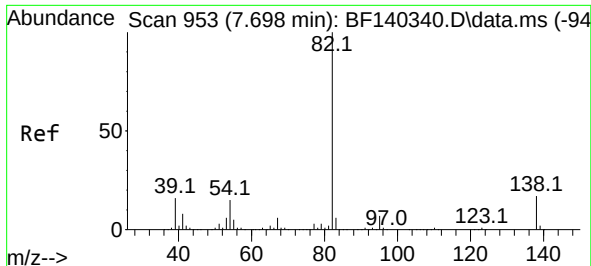
Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 49.0 39.8 59.8

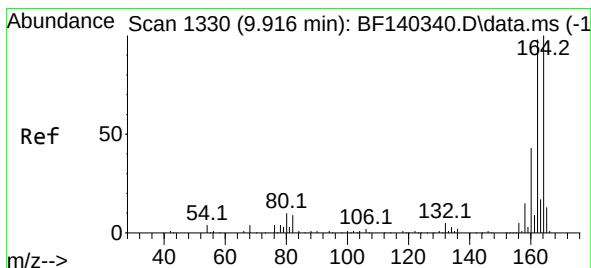
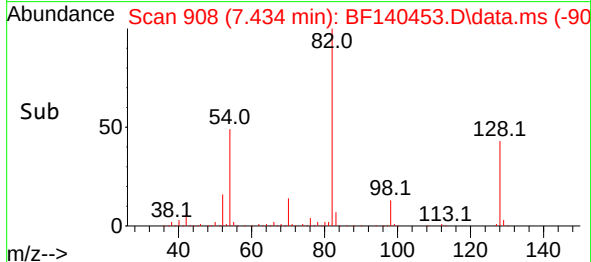
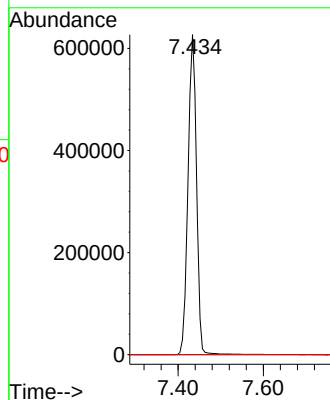
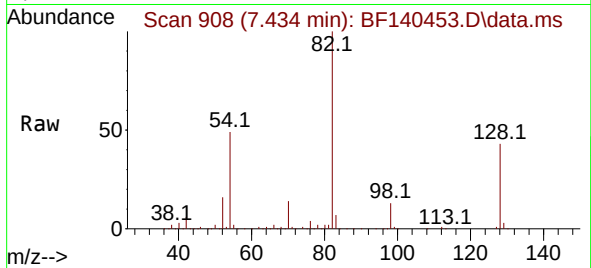




#25
Isophorone
Concen: 44.563 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

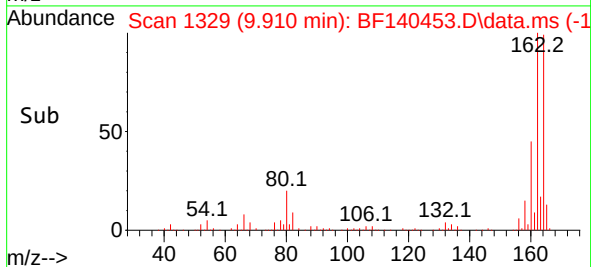
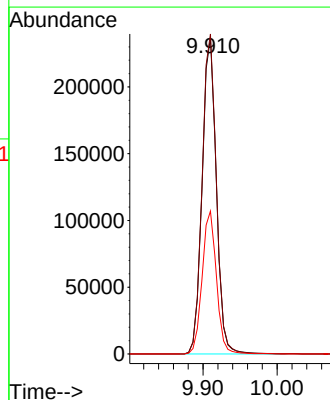
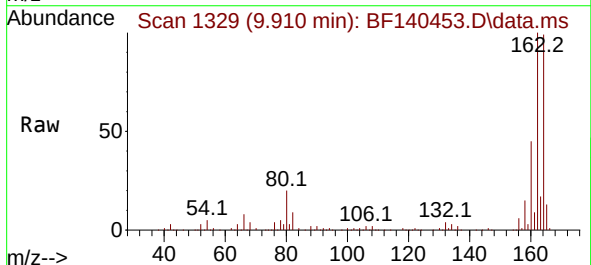
Instrument :
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ClientSampleId :
PB164969BL

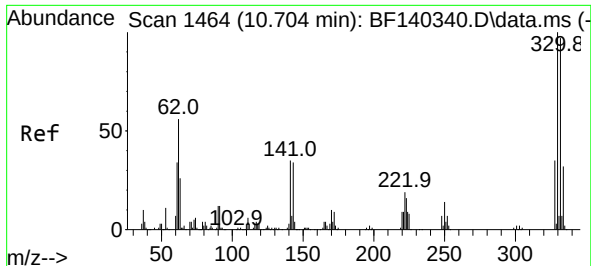
Tgt Ion: 82 Resp: 865422
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

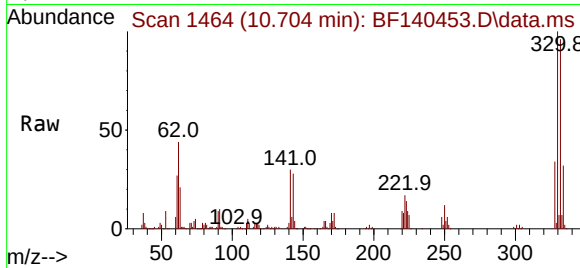
Tgt Ion:164 Resp: 315471
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.2 35.4 53.0



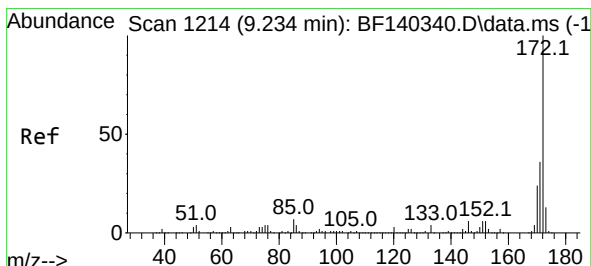
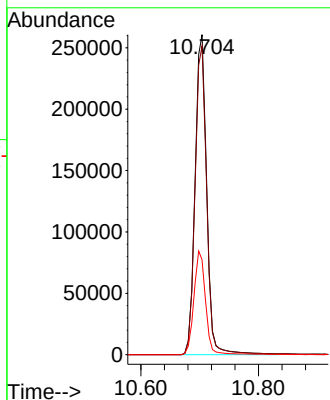
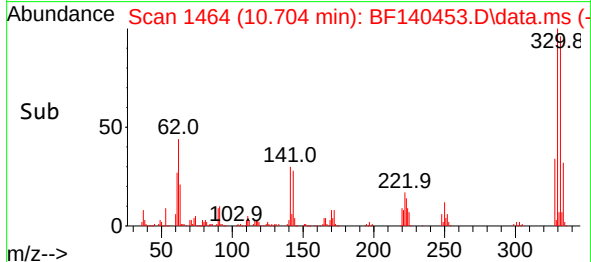


#42
2,4,6-Tribromophenol
Concen: 114.375 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

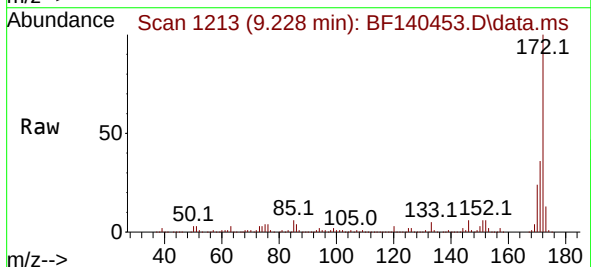
Instrument :
BNA_F
ClientSampleId :
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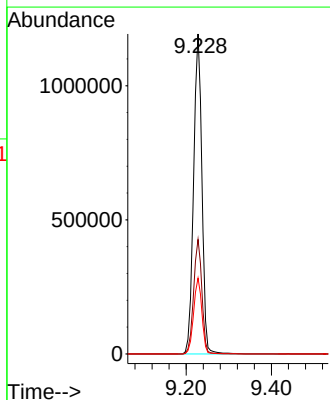
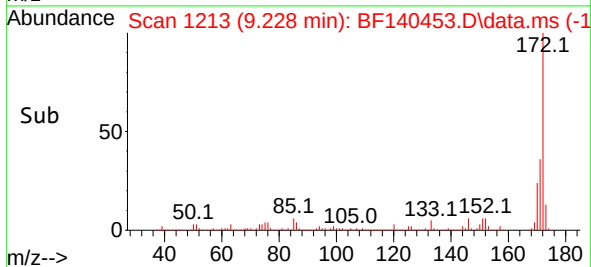
Tgt Ion: 330 Resp: 358807
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 32.6 26.9 40.3

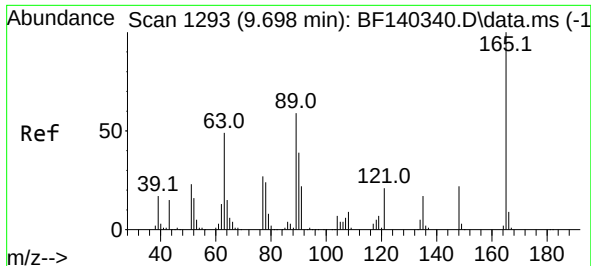


#45
2-Fluorobiphenyl
Concen: 82.579 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45



Tgt Ion: 172 Resp: 1620562
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 19.1 28.7

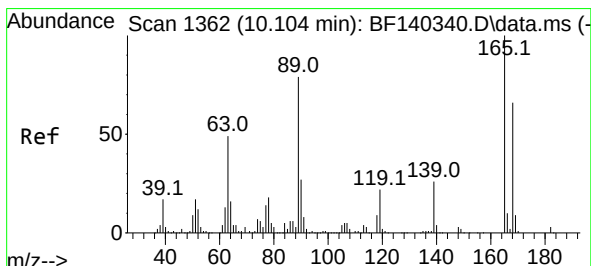
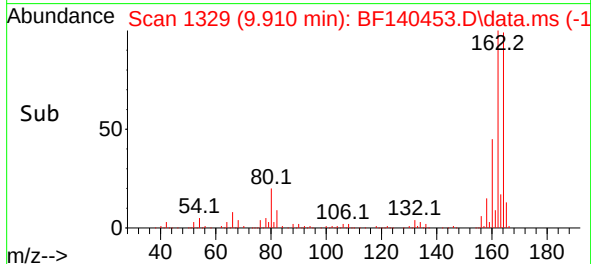
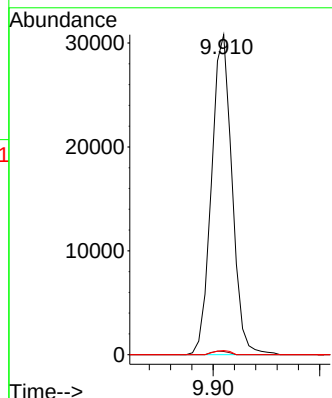
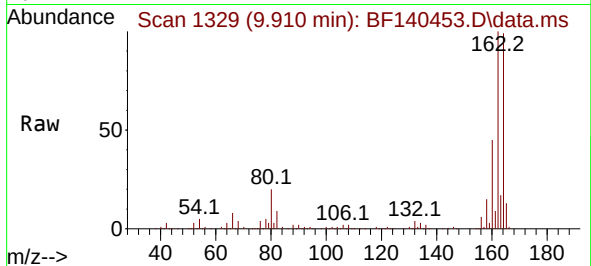




#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

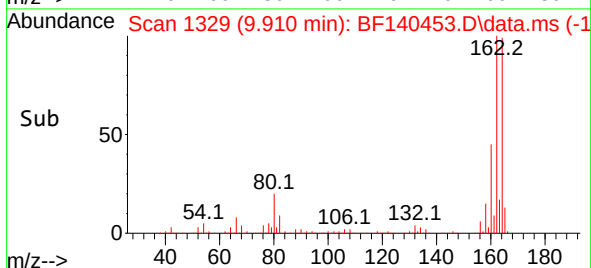
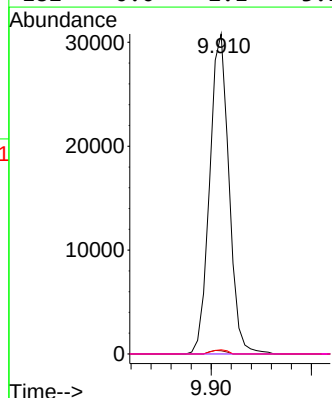
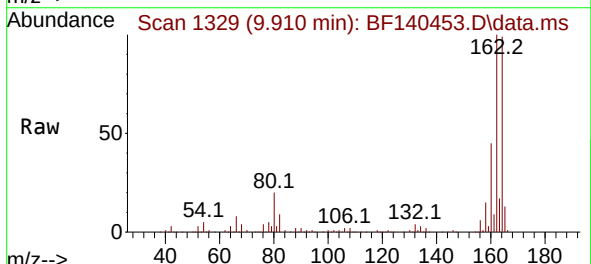
Instrument :
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ClientSampleId :
PB164969BL

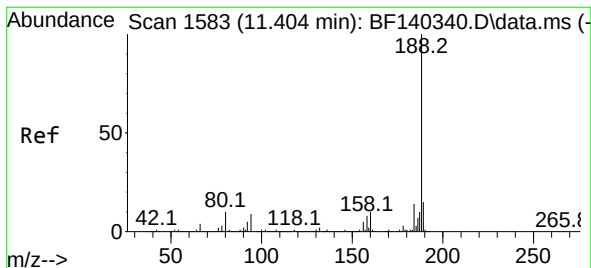
Tgt Ion:165 Resp: 41247
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

Tgt Ion:165 Resp: 41247
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# 1

Delta R.T. -0.006 min

Lab File: BF140453.D

Acq: 18 Nov 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB164969BL

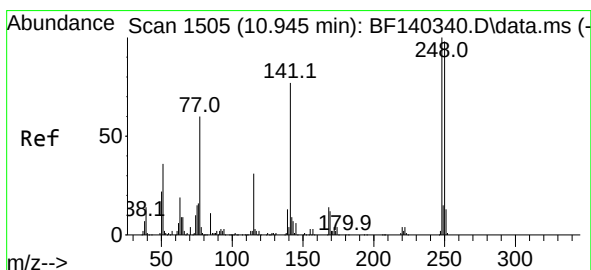
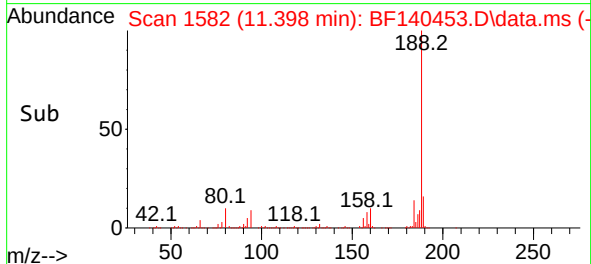
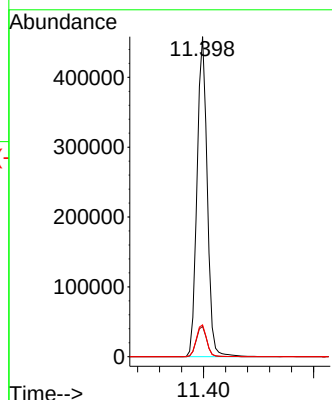
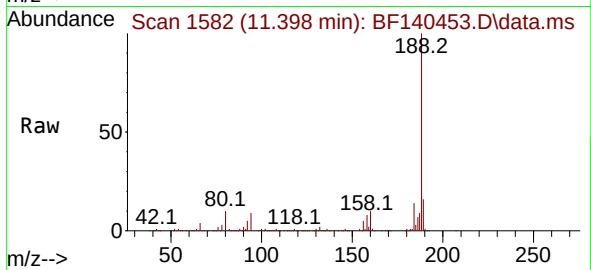
Tgt Ion:188 Resp: 589715

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 9.9 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.972 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140453.D

Acq: 18 Nov 2024 14:45

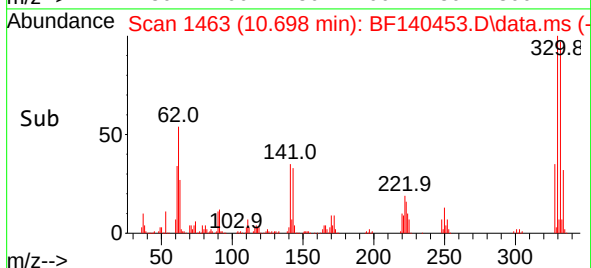
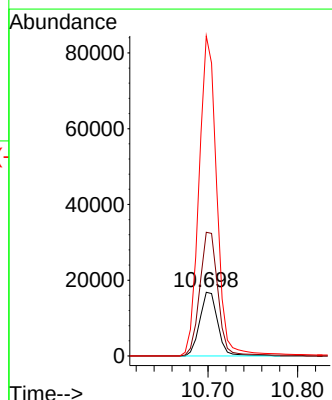
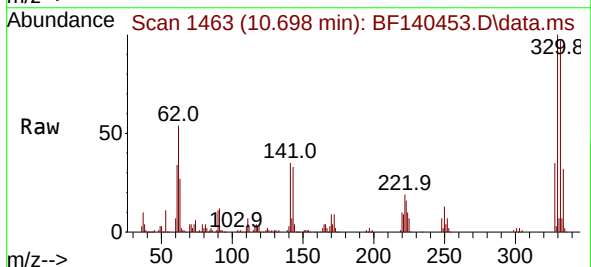
Tgt Ion:248 Resp: 23417

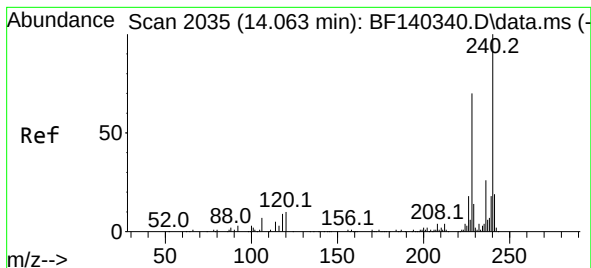
Ion Ratio Lower Upper

248 100

250 194.1 77.9 116.9#

141 502.4 61.8 92.6#

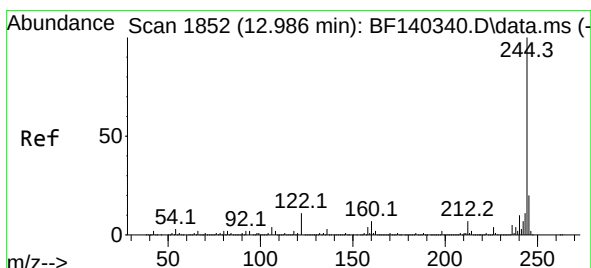
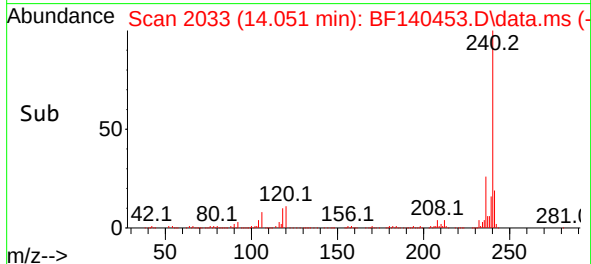
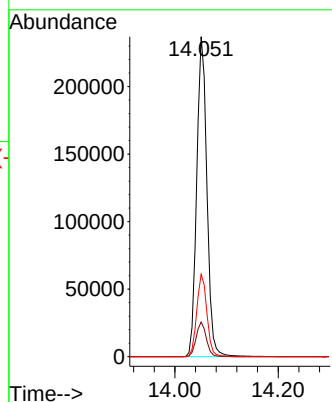
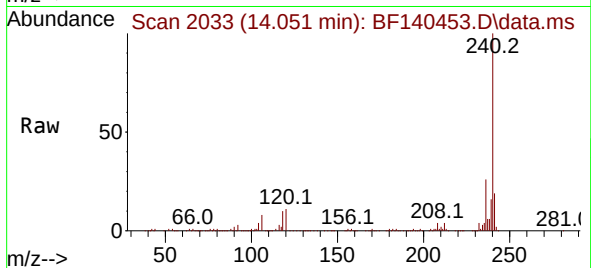




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

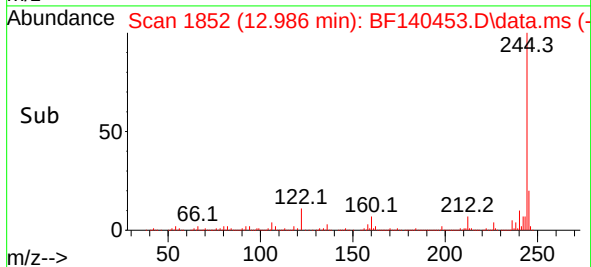
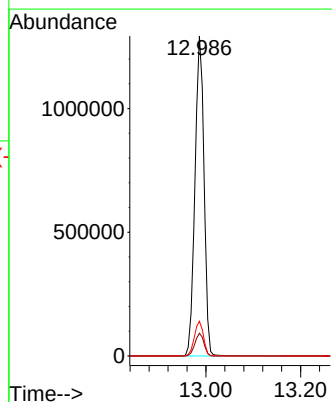
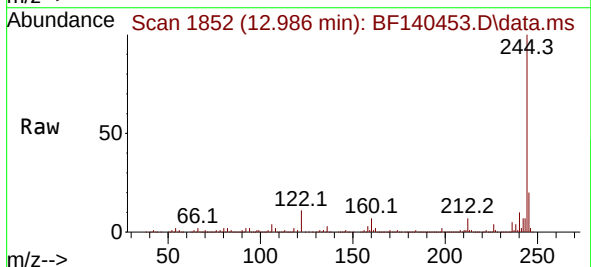
Instrument :
BNA_F
ClientSampleId :
PB164969BL

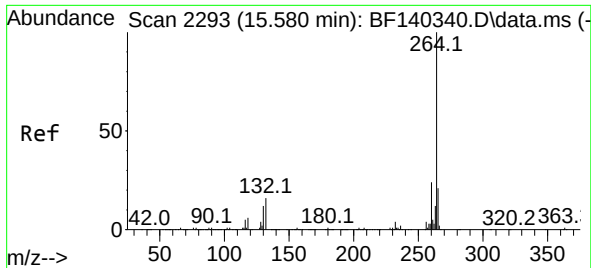
Tgt Ion:240 Resp: 324998
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 91.385 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140453.D
Acq: 18 Nov 2024 14:45

Tgt Ion:244 Resp: 1711026
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140453.D
 Acq: 18 Nov 2024 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB164969BL

Tgt Ion:264 Resp: 288698

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.1	25.7

