

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
 Data File : BF140223.D
 Acq On : 04 Nov 2024 17:23
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Quant Time: Nov 04 23:59:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 17:12:57 2024
 Response via : Initial Calibration

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

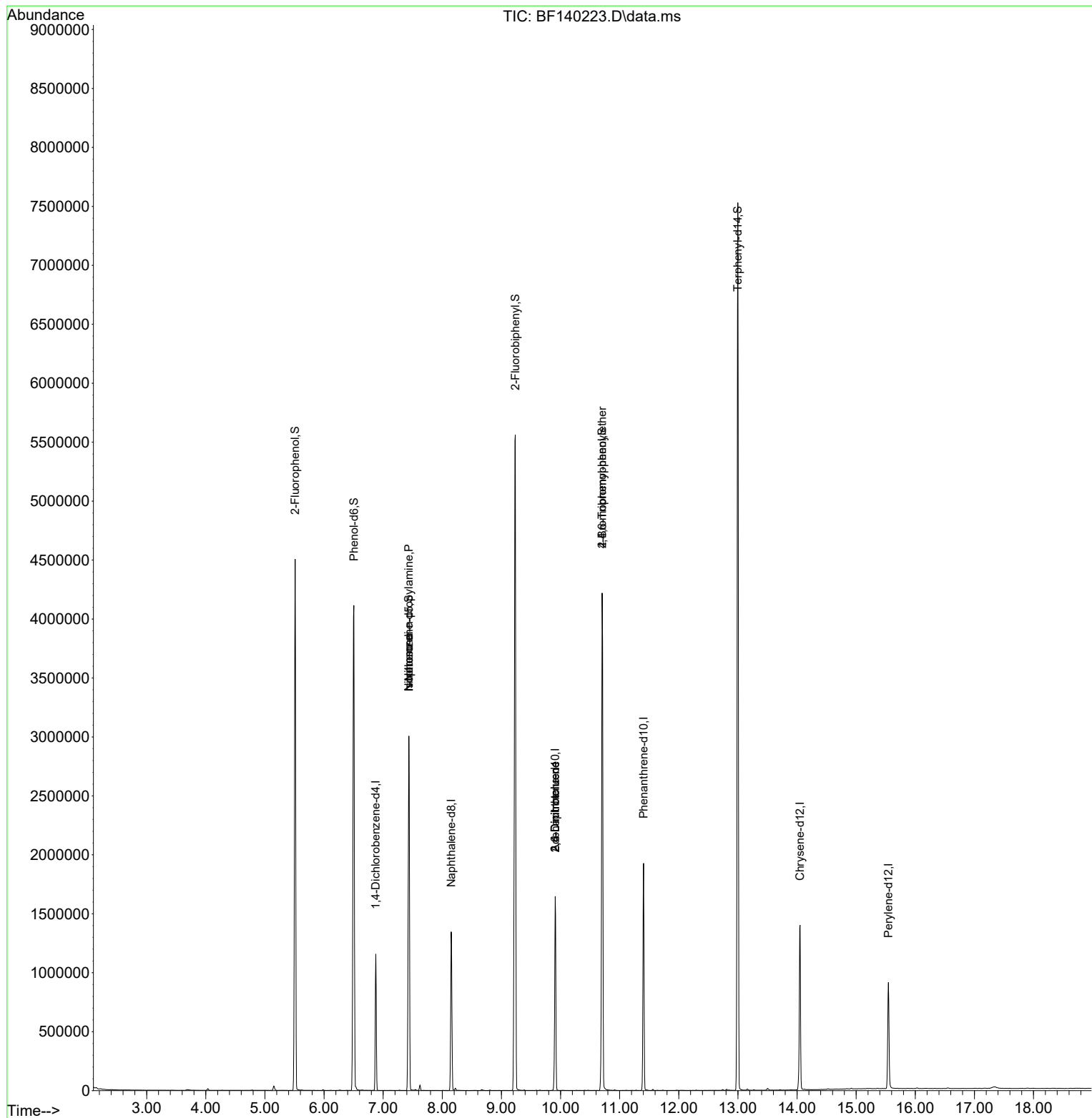
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	235284	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	911371	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	549583	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1046977	20.000	ng	0.00
76) Chrysene-d12	14.051	240	712917	20.000	ng	0.00
86) Perylene-d12	15.545	264	558844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1782737	128.389	ng	0.02
7) Phenol-d6	6.504	99	2227529	125.024	ng	0.00
23) Nitrobenzene-d5	7.434	82	1525103	84.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	850915	140.424	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	3036127	86.350	ng	0.00
79) Terphenyl-d14	12.998	244	3996403	89.438	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	213227	18.329	ng	# 75
25) Isophorone	7.434	82	1514804	49.498	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	70877	8.825	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	70877	6.742	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	52840	4.482	ng	# 1

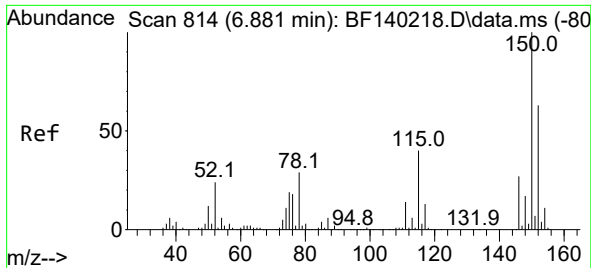
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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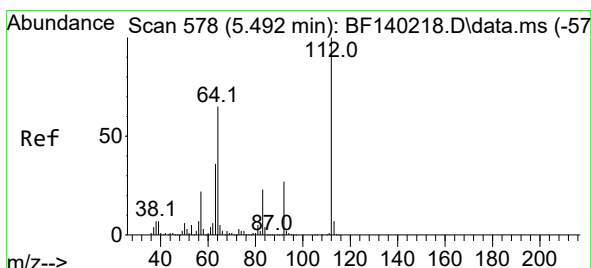
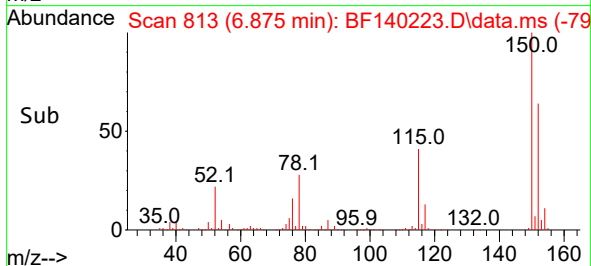
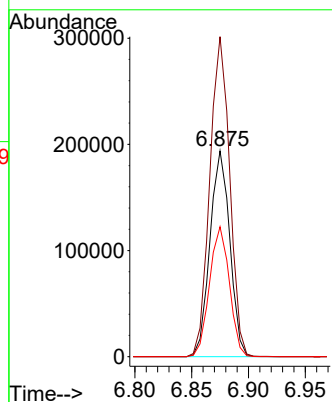
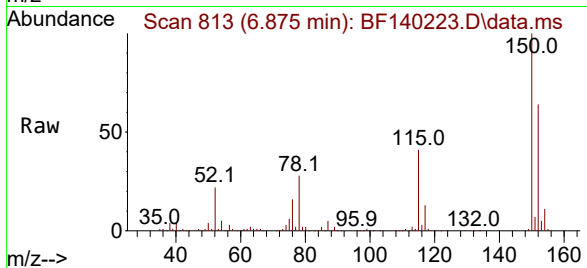




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

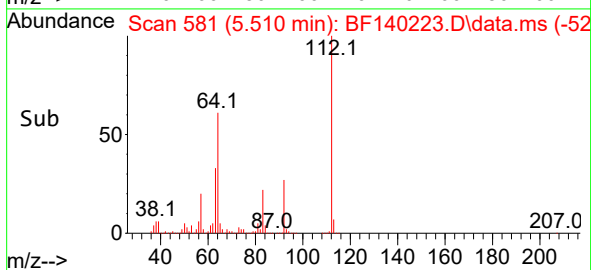
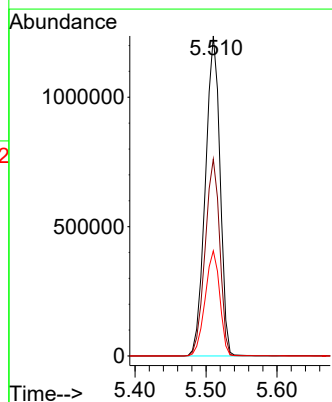
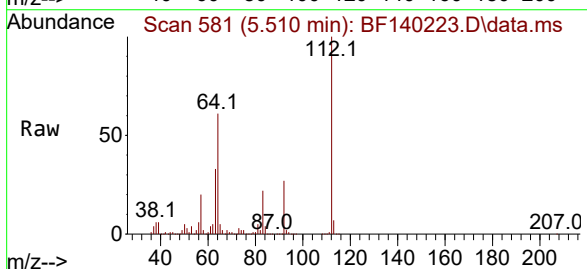
Instrument :
BNA_F
ClientSampleId :
PB164401BL

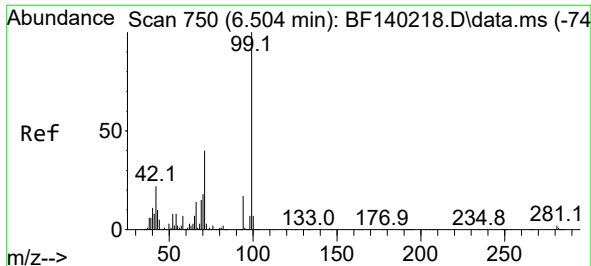
Tgt Ion:152 Resp: 235284
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.8
115 63.1 50.7 76.1



#5
2-Fluorophenol
Concen: 128.389 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:112 Resp: 1782737
Ion Ratio Lower Upper
112 100
64 61.5 51.8 77.6
63 32.8 28.4 42.6

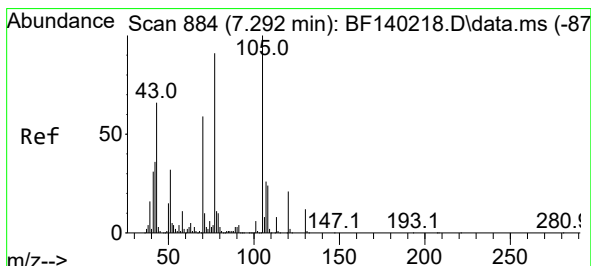
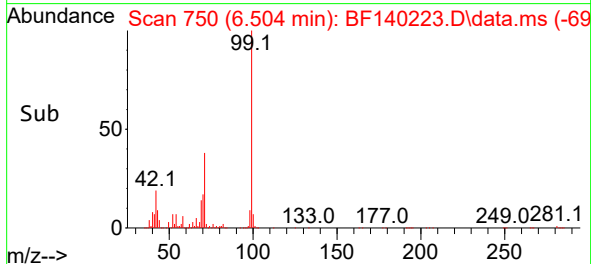
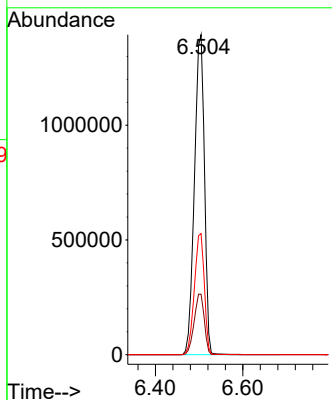
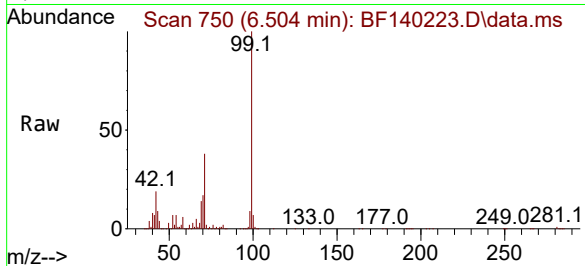




#7
Phenol-d6
Concen: 125.024 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

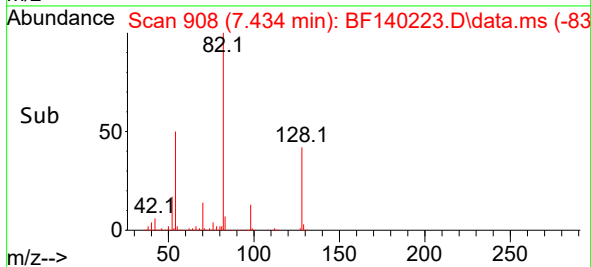
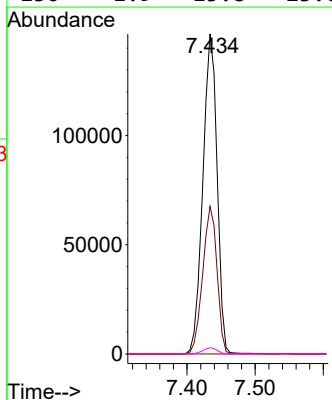
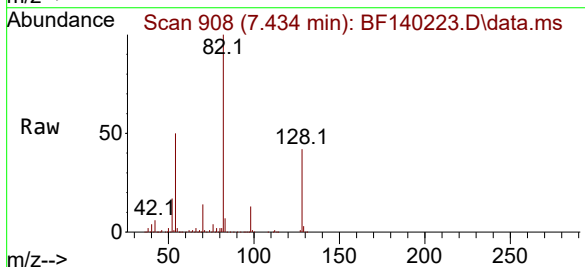
Instrument :
BNA_F
ClientSampleId :
PB164401BL

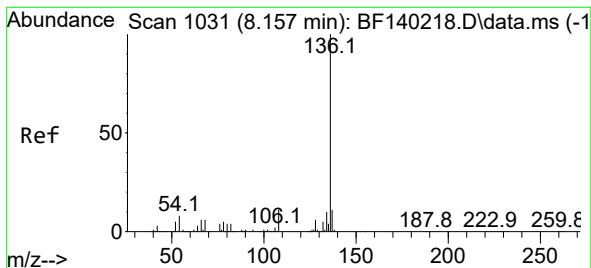
Tgt Ion: 99 Resp: 2227529
Ion Ratio Lower Upper
99 100
42 18.9 17.8 26.6
71 37.8 32.0 48.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.329 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion: 70 Resp: 213227
Ion Ratio Lower Upper
70 100
42 46.1 49.2 73.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

Instrument :

BNA_F

ClientSampleId :

PB164401BL

Tgt Ion:136 Resp: 911371

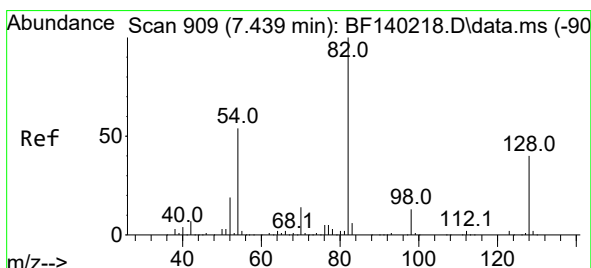
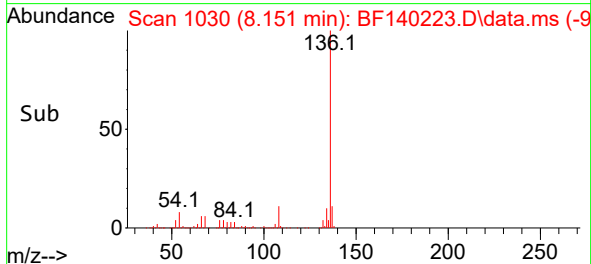
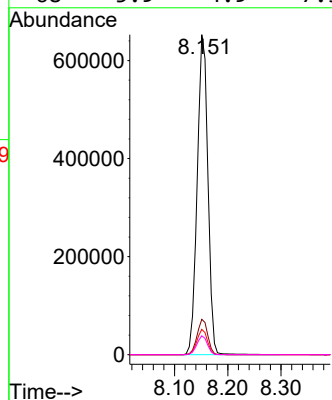
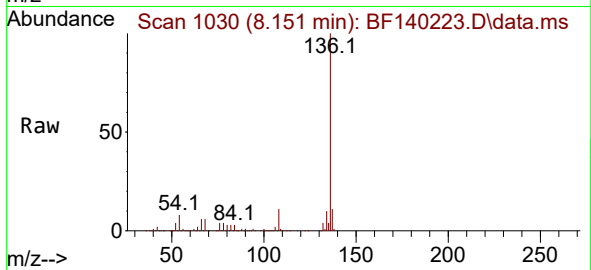
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.9 6.9 10.3

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 84.657 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

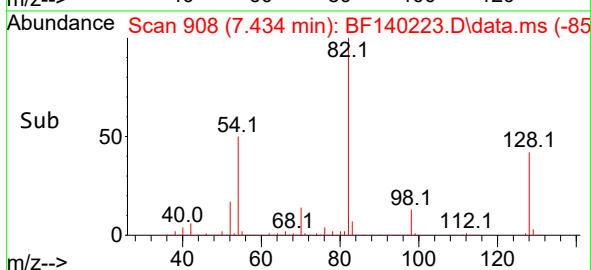
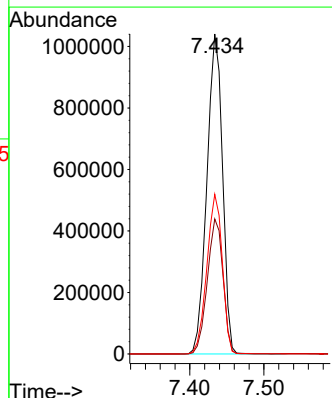
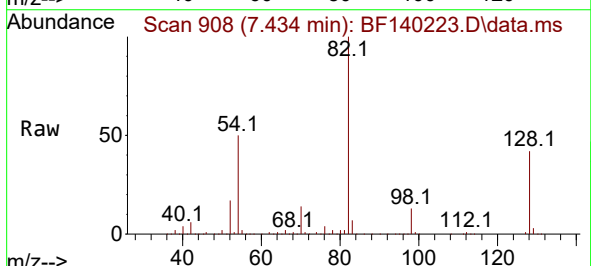
Tgt Ion: 82 Resp: 1525103

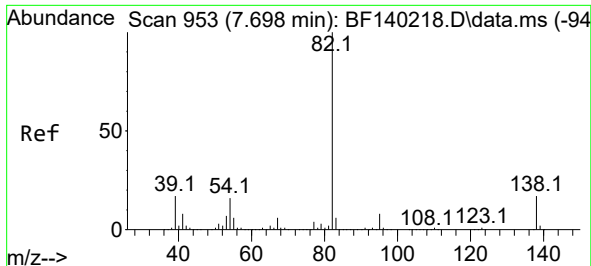
Ion Ratio Lower Upper

82 100

128 42.2 31.4 47.2

54 49.9 42.7 64.1

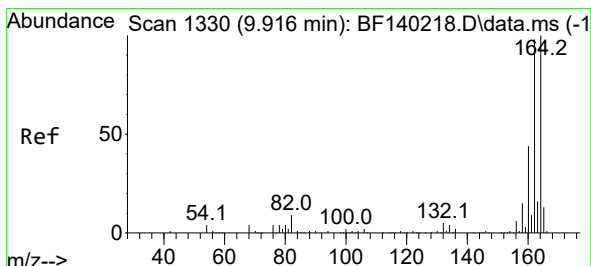
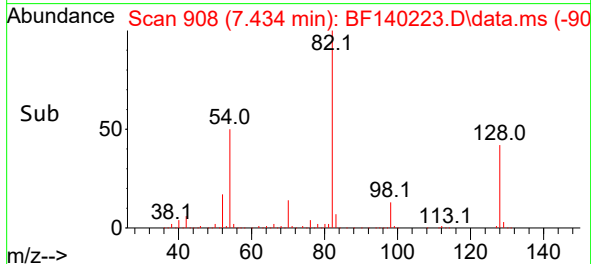
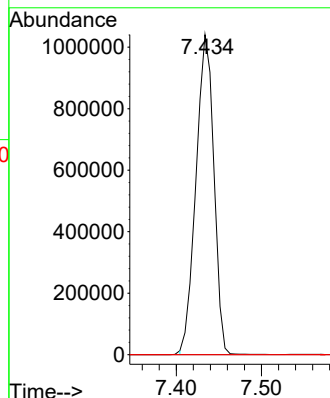
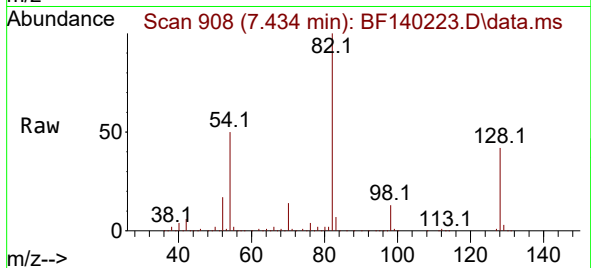




#25
Isophorone
Concen: 49.498 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

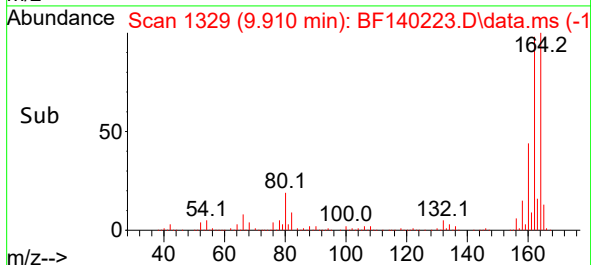
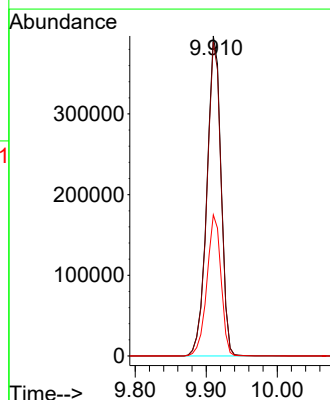
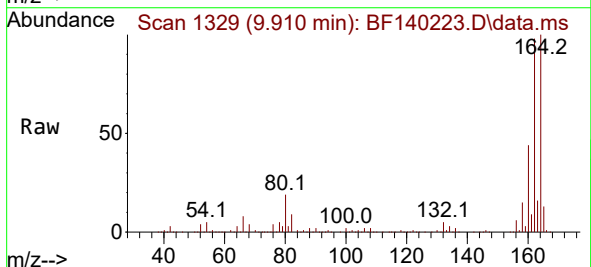
Instrument :
BNA_F
ClientSampleId :
PB164401BL

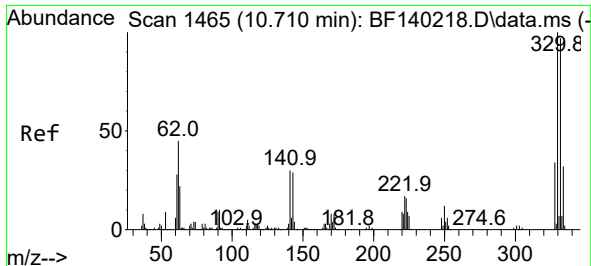
Tgt Ion: 82 Resp: 1514804
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

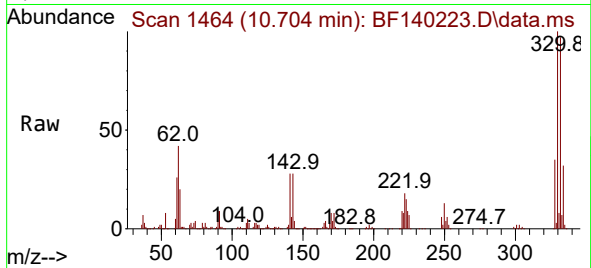
Tgt Ion:164 Resp: 549583
Ion Ratio Lower Upper
164 100
162 98.2 78.5 117.7
160 44.1 35.3 52.9



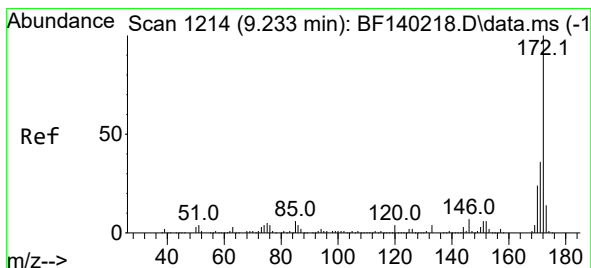
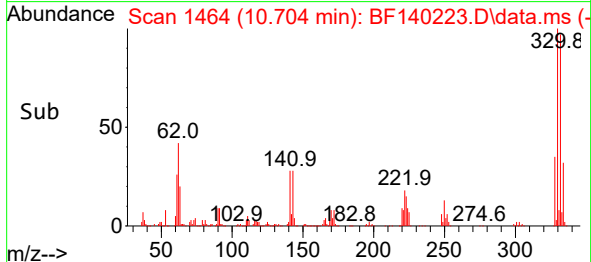
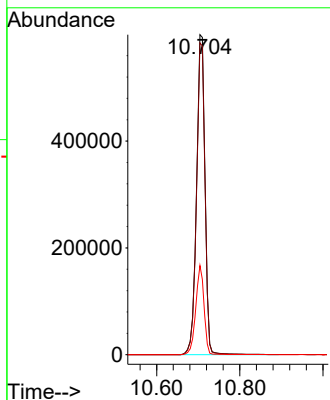


#42
2,4,6-Tribromophenol
Concen: 140.424 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Instrument :
BNA_F
ClientSampleId :
PB164401BL

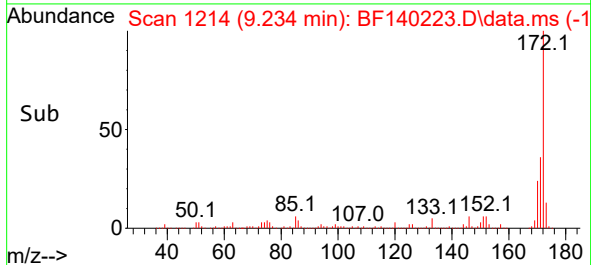
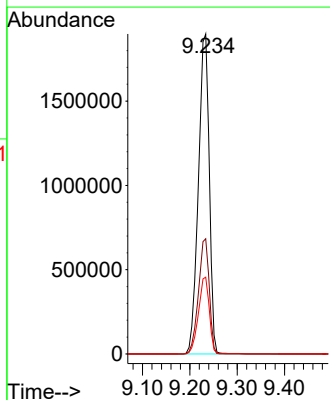
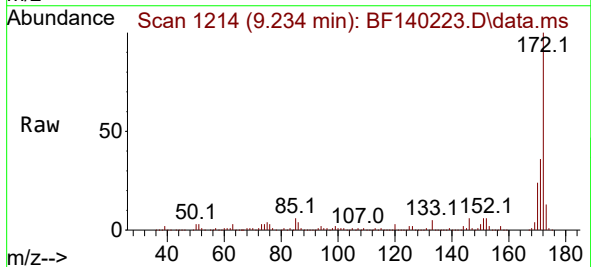


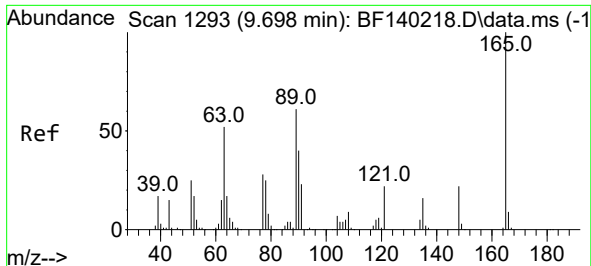
Tgt Ion:330 Resp: 850915
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 27.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.350 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:172 Resp: 3036127
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.0 19.2 28.8

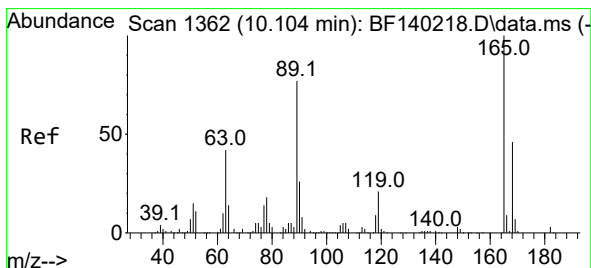
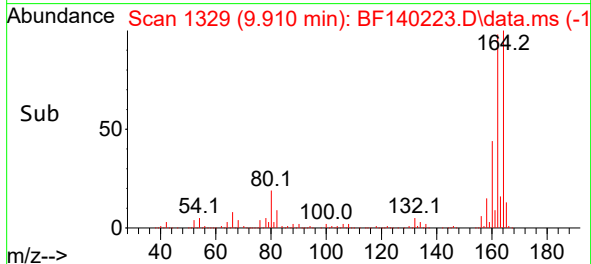
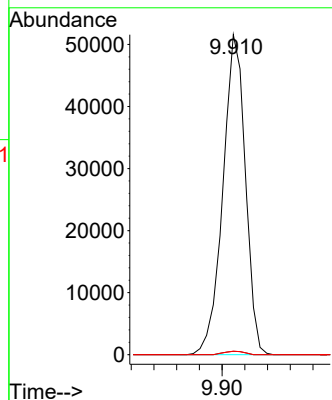
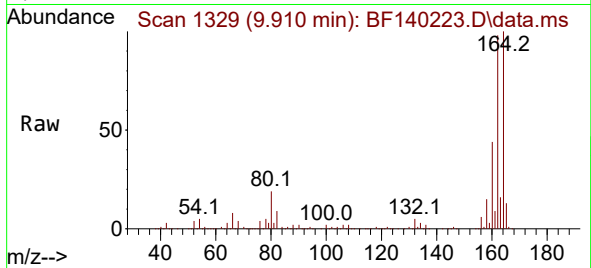




#51
2,6-Dinitrotoluene
Concen: 8.825 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

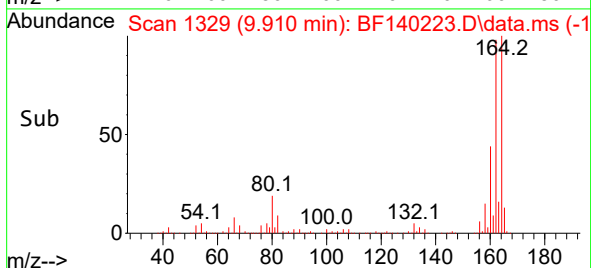
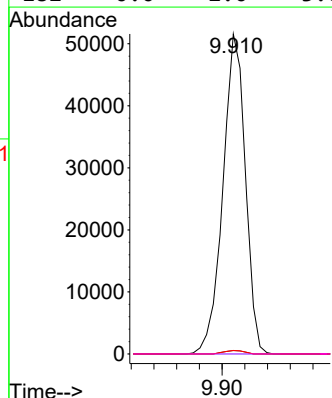
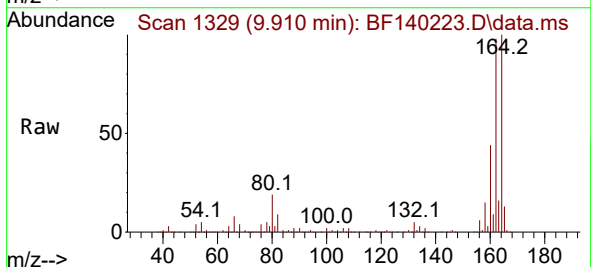
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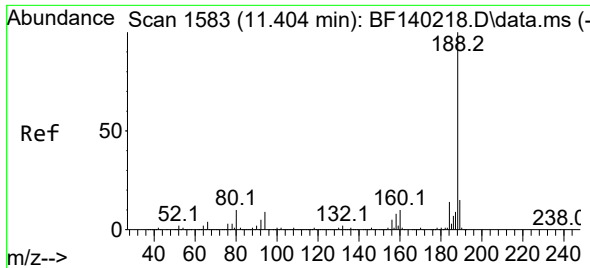
Tgt Ion:165 Resp: 70877
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.1 49.2 73.8#



#57
2,4-Dinitrotoluene
Concen: 6.742 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:165 Resp: 70877
Ion Ratio Lower Upper
165 100
63 1.1 39.7 59.5#
89 1.1 61.4 92.0#
182 0.0 2.0 3.0#

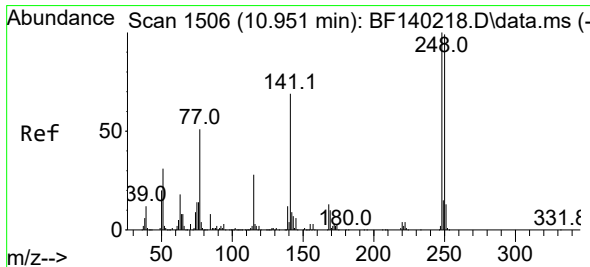
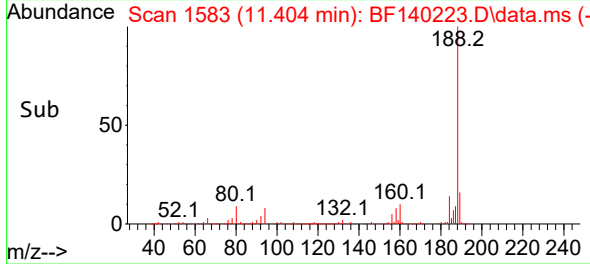
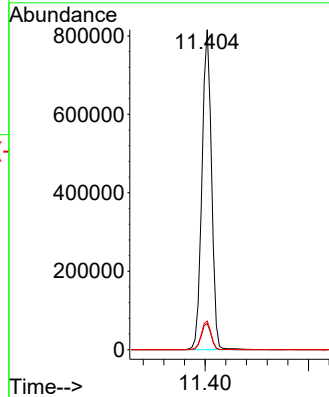
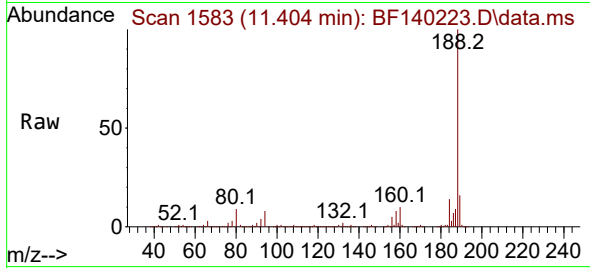




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

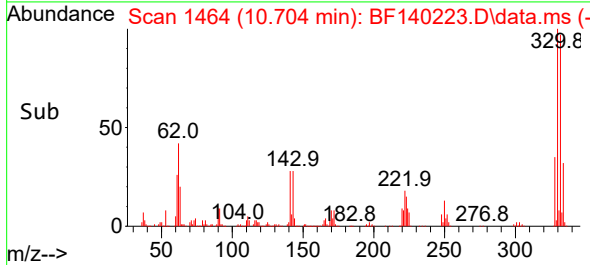
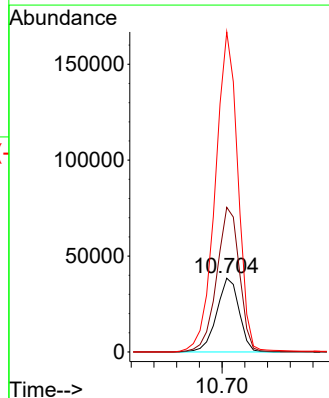
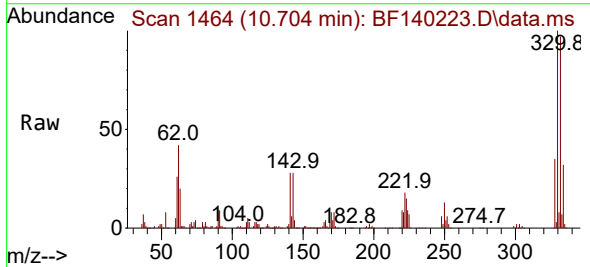
Instrument :
BNA_F
ClientSampleId :
PB164401BL

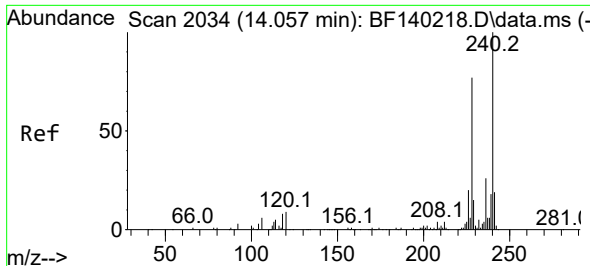
Tgt Ion:188 Resp: 1046977
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.482 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:248 Resp: 52840
Ion Ratio Lower Upper
248 100
250 196.0 79.0 118.4#
141 433.9 55.0 82.6#

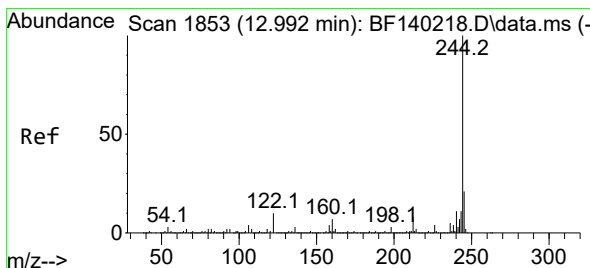
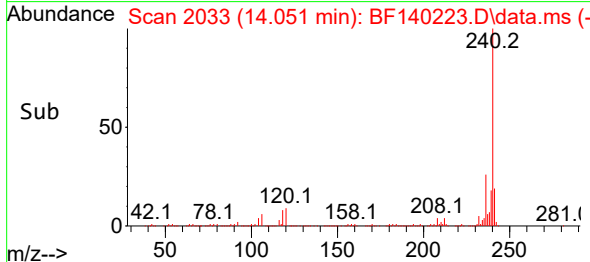
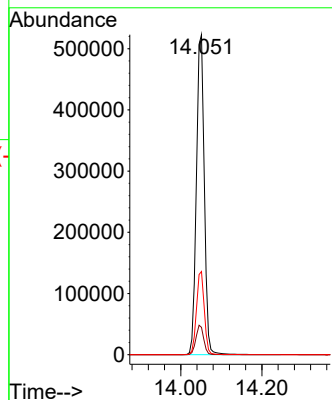
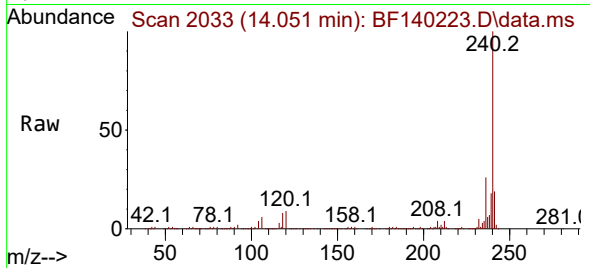




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

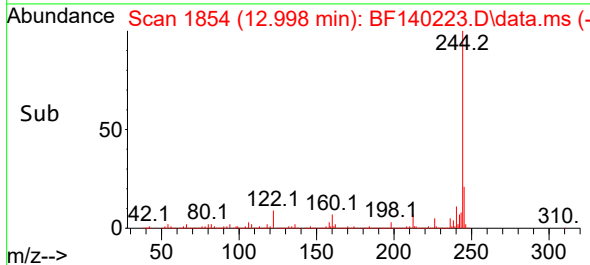
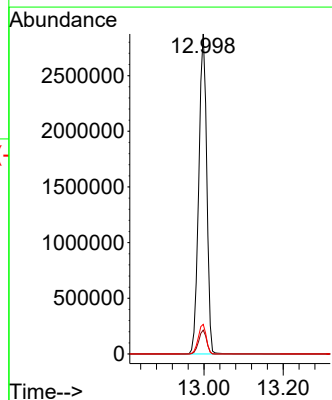
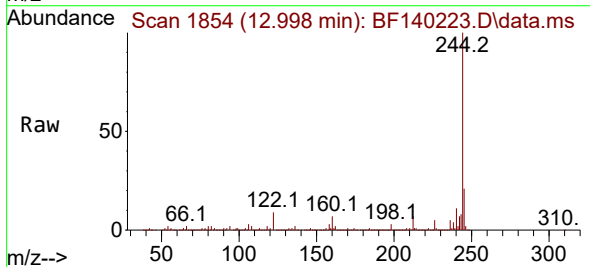
Instrument :
BNA_F
ClientSampleId :
PB164401BL

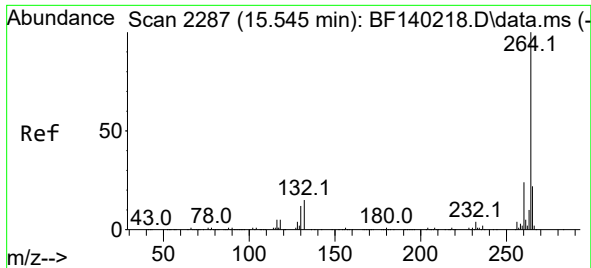
Tgt Ion:240 Resp: 712917
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.4
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 89.438 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

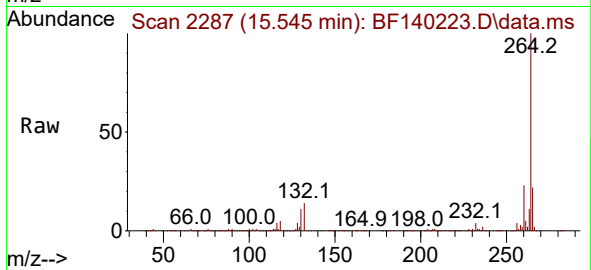
Tgt Ion:244 Resp: 3996403
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140223.D
 Acq: 04 Nov 2024 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL



Tgt Ion:264 Resp: 558844
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.8 17.5 26.3

