

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
 Data File : BF140228.D
 Acq On : 04 Nov 2024 19:33
 Operator : RC/JU
 Sample : PB164382BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164382BL

Quant Time: Nov 05 00:01:50 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)

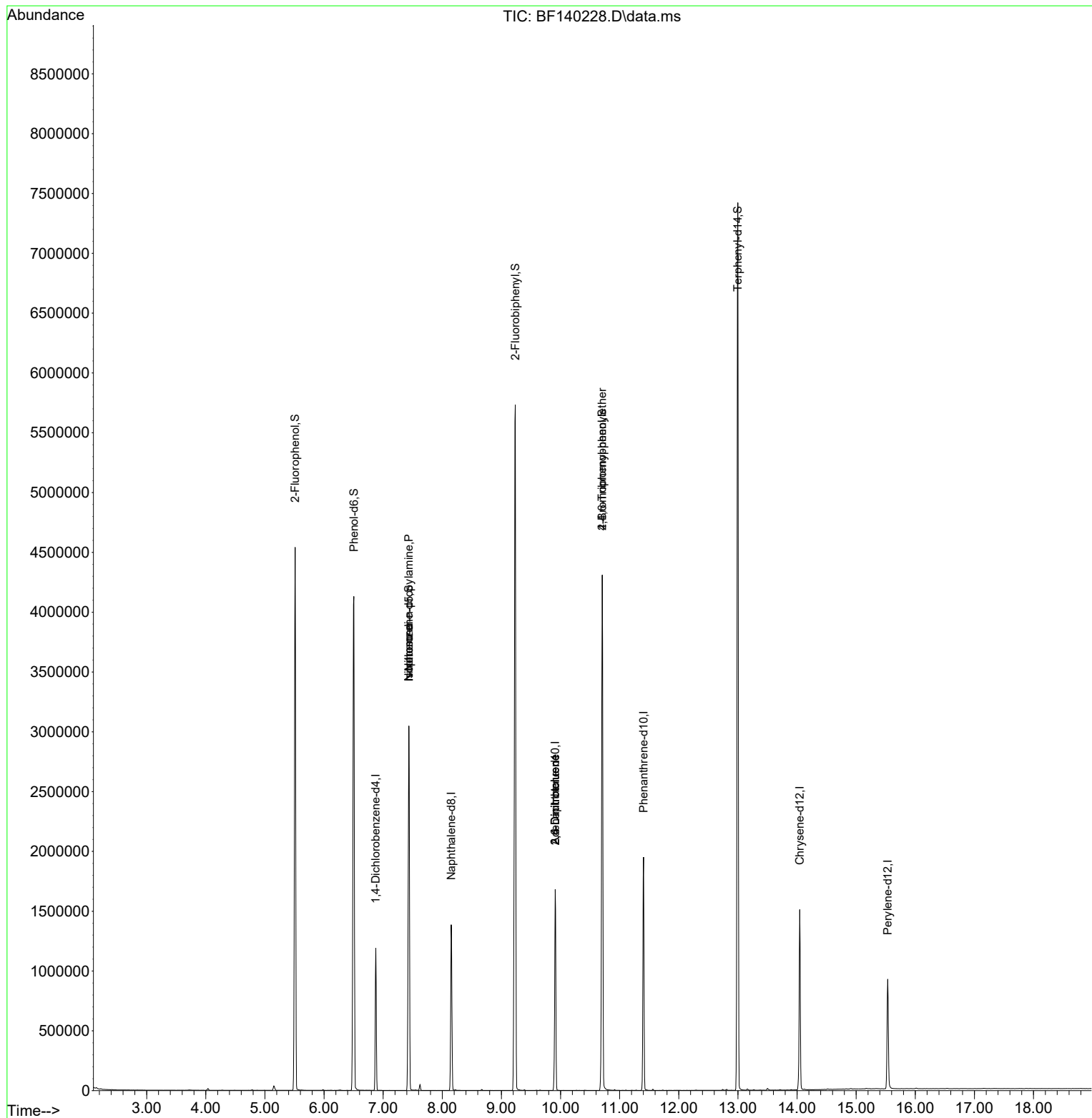
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	246930	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	938944	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	565568	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1084488	20.000	ng	0.00
76) Chrysene-d12	14.045	240	722535	20.000	ng	-0.01
86) Perylene-d12	15.533	264	572789	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1835612	125.962	ng	0.02
7) Phenol-d6	6.504	99	2290823	122.512	ng	0.00
23) Nitrobenzene-d5	7.434	82	1548395	83.426	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	883639	141.702	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	3107178	85.873	ng	0.00
79) Terphenyl-d14	12.998	244	4078299	90.056	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	216218	17.709	ng	# 75
25) Isophorone	7.434	82	1536386	48.729	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	72280	8.745	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	72280	6.681	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	53932	4.416	ng	# 1

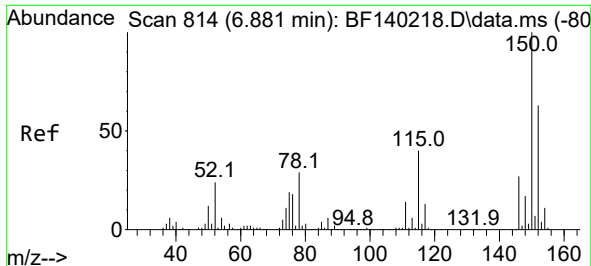
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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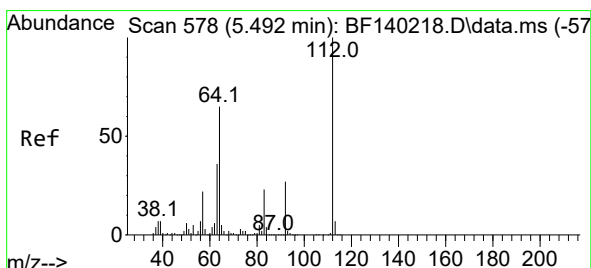
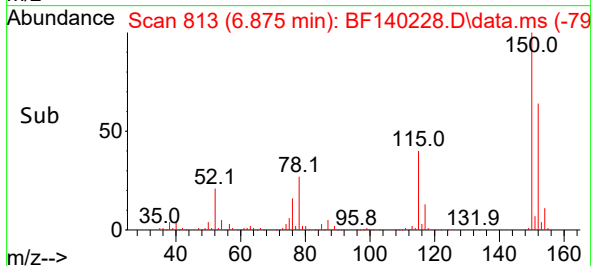
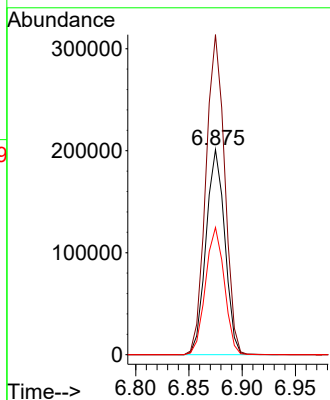
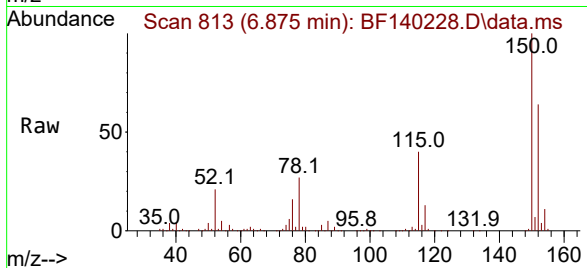




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

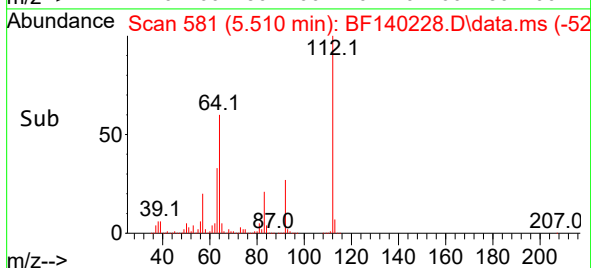
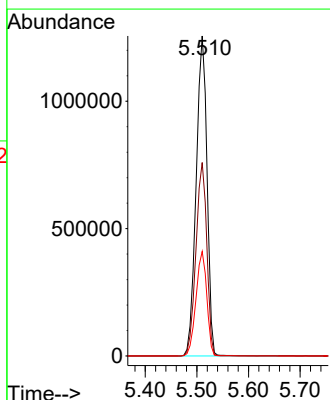
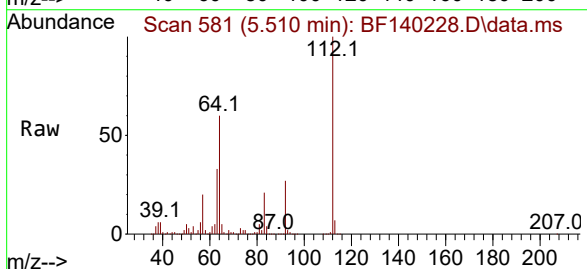
Instrument :
BNA_F
ClientSampleId :
PB164382BL

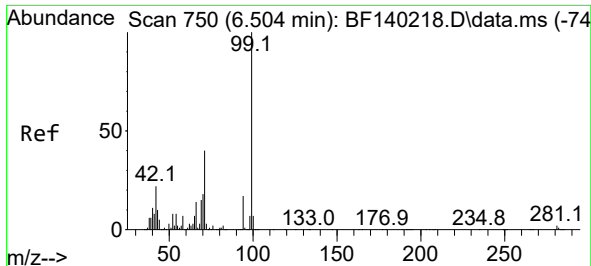
Tgt Ion:152 Resp: 246930
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.8
115 62.0 50.7 76.1



#5
2-Fluorophenol
Concen: 125.962 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion:112 Resp: 1835612
Ion Ratio Lower Upper
112 100
64 60.5 51.8 77.6
63 32.7 28.4 42.6

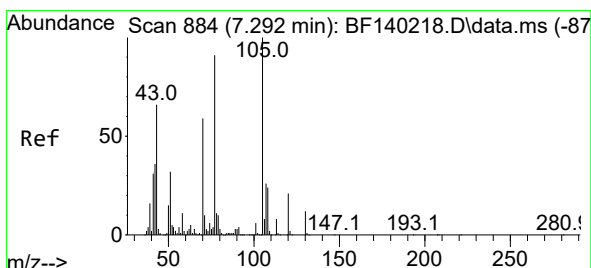
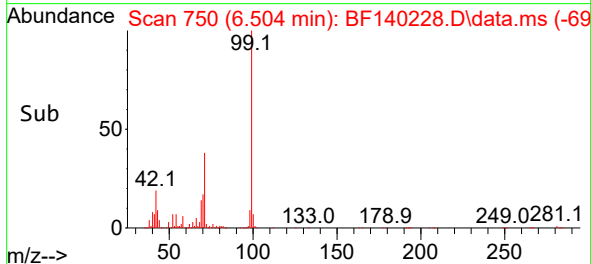
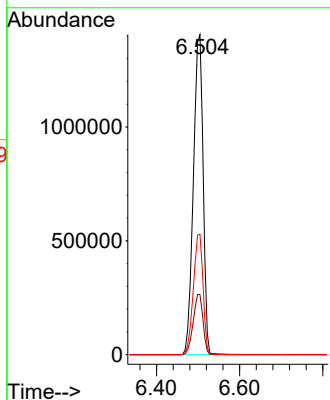
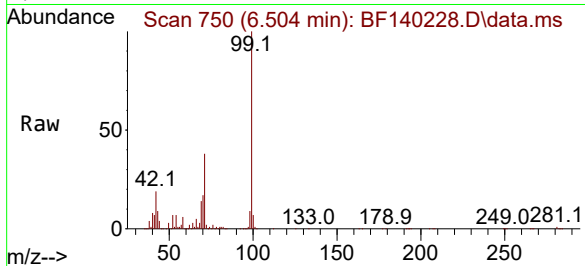




#7
Phenol-d6
Concen: 122.512 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

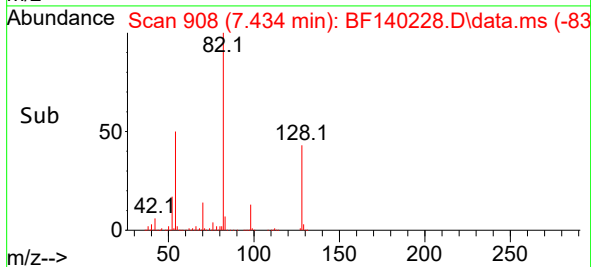
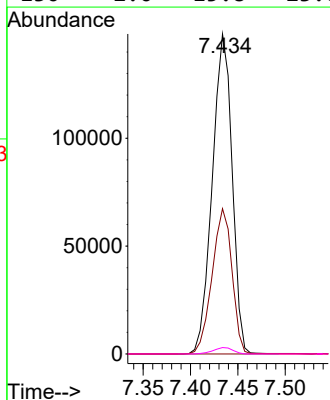
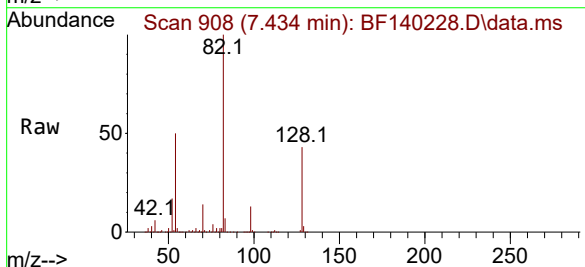
Instrument :
BNA_F
ClientSampleId :
PB164382BL

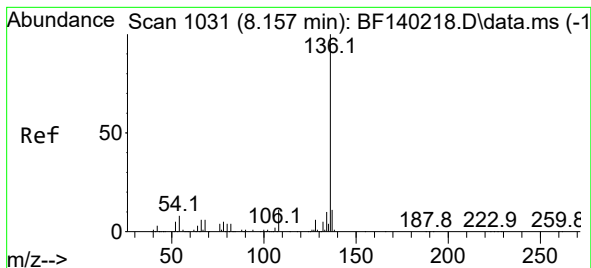
Tgt Ion: 99 Resp: 2290823
Ion Ratio Lower Upper
99 100
42 18.8 17.8 26.6
71 37.7 32.0 48.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.709 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion: 70 Resp: 216218
Ion Ratio Lower Upper
70 100
42 45.4 49.2 73.8#
101 0.0 7.5 11.3#
130 2.0 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: BF140228.D

Acq: 04 Nov 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB164382BL

Tgt Ion:136 Resp: 938944

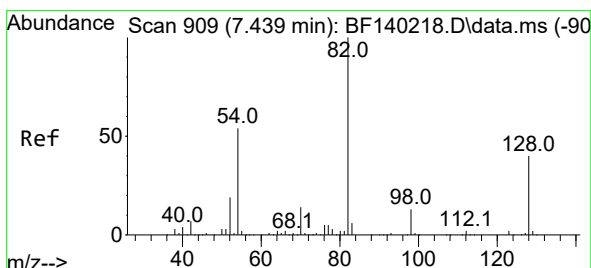
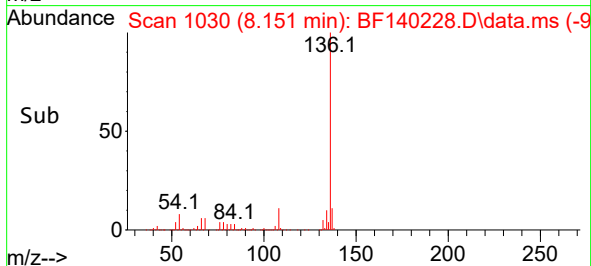
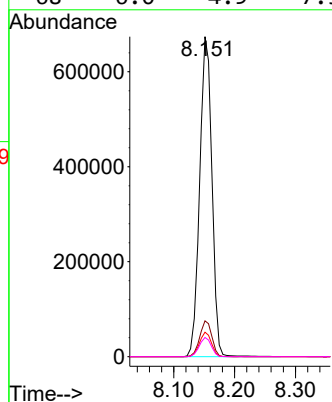
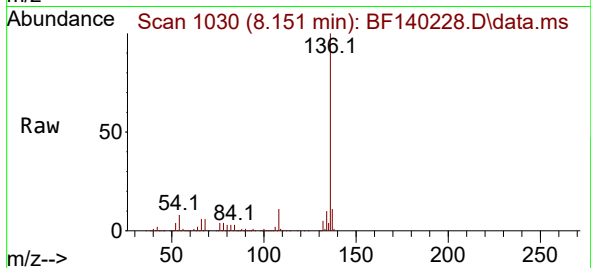
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 6.9 10.3

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 83.426 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140228.D

Acq: 04 Nov 2024 19:33

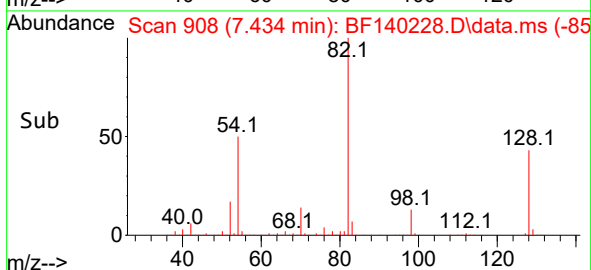
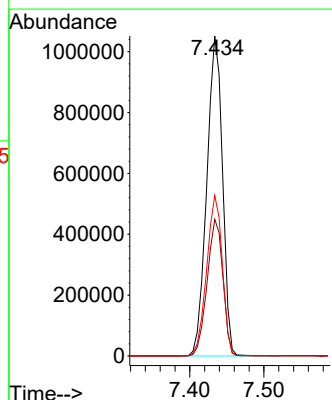
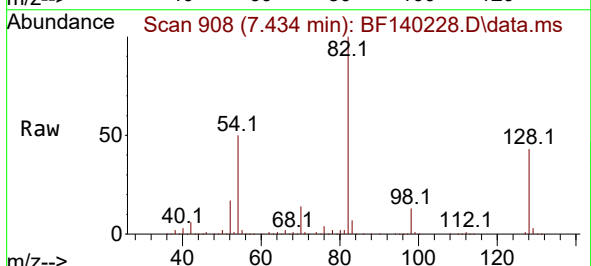
Tgt Ion: 82 Resp: 1548395

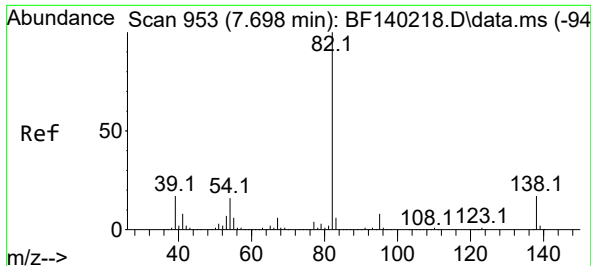
Ion Ratio Lower Upper

82 100

128 42.7 31.4 47.2

54 50.2 42.7 64.1

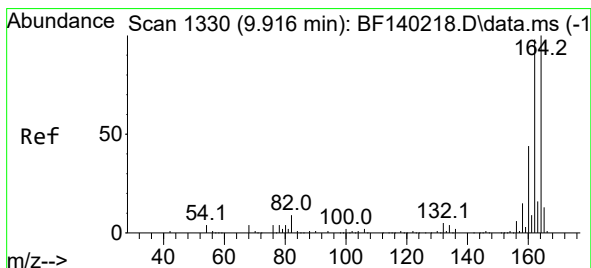
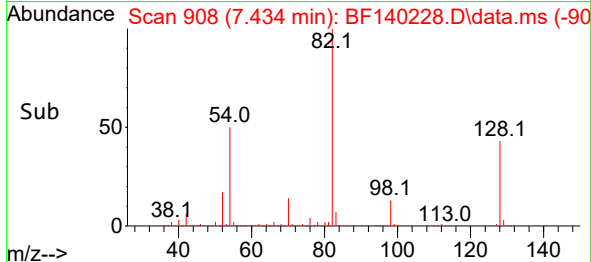
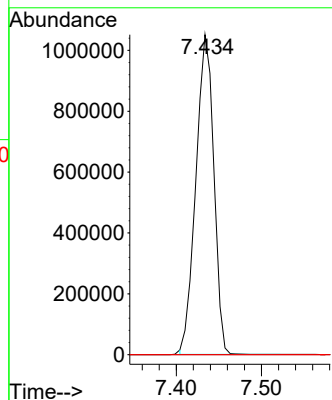
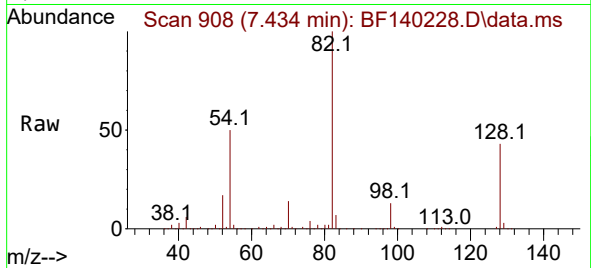




#25
Isophorone
Concen: 48.729 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

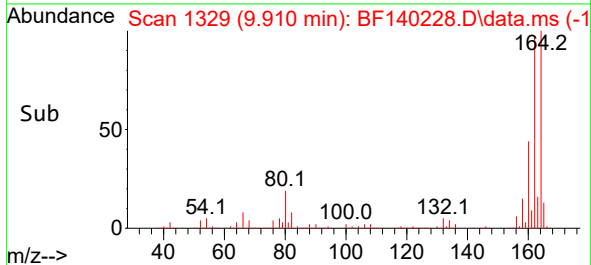
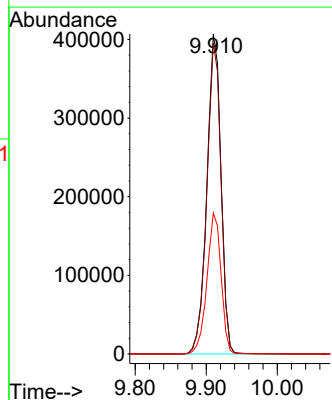
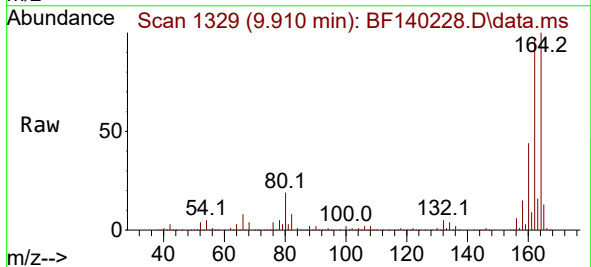
Instrument :
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ClientSampleId :
PB164382BL

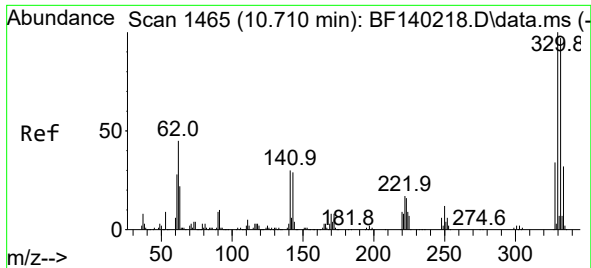
Tgt Ion: 82 Resp: 1536386
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion:164 Resp: 565568
Ion Ratio Lower Upper
164 100
162 97.3 78.5 117.7
160 44.1 35.3 52.9

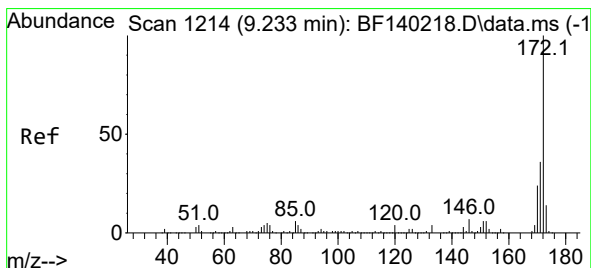
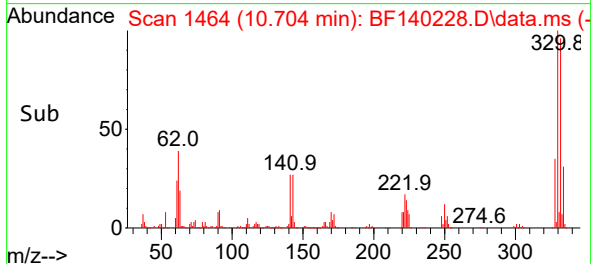
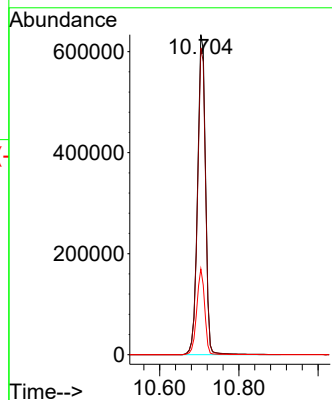
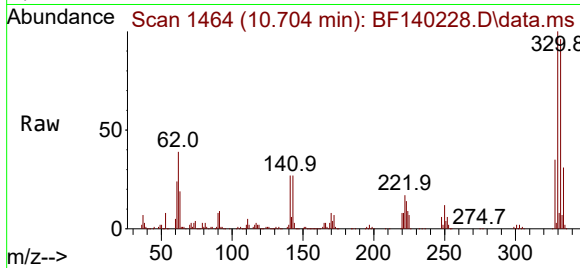




#42
2,4,6-Tribromophenol
Concen: 141.702 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

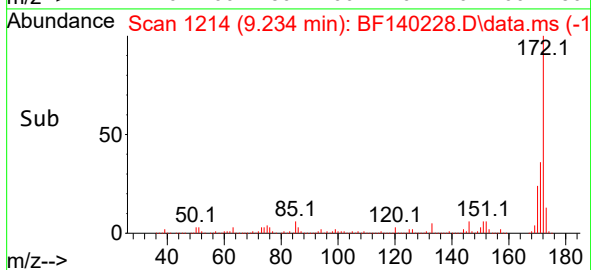
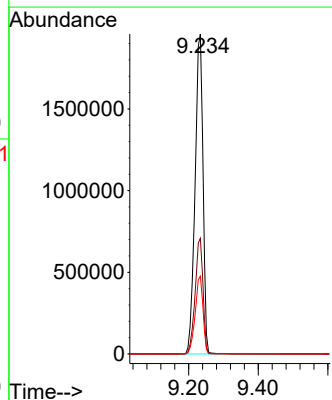
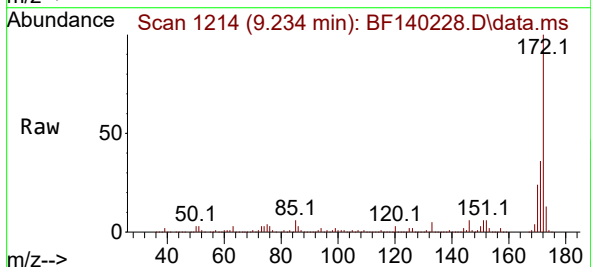
Instrument :
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ClientSampleId :
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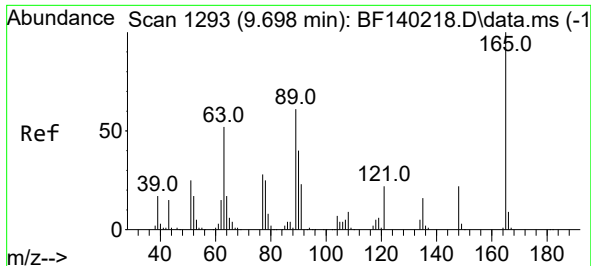
Tgt Ion:330 Resp: 883639
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 26.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 85.873 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion:172 Resp: 3107178
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.3 19.2 28.8

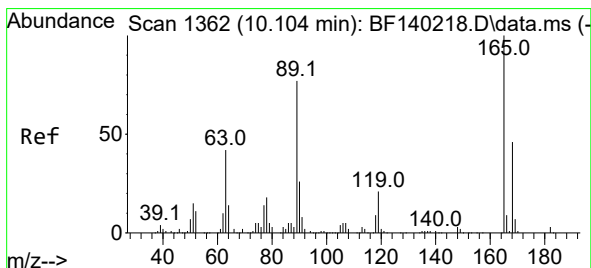
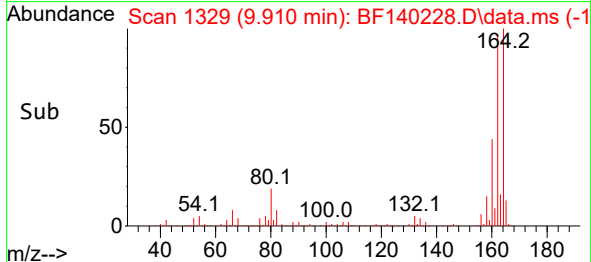
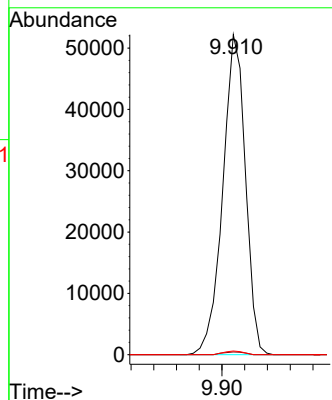
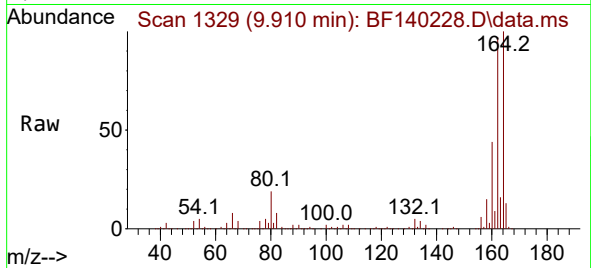




#51
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

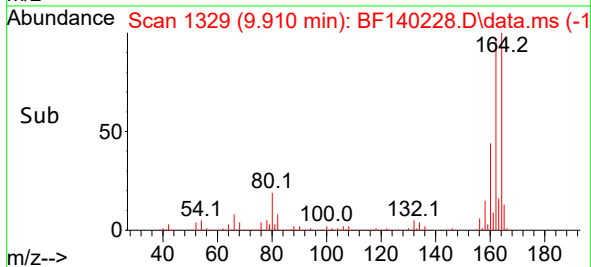
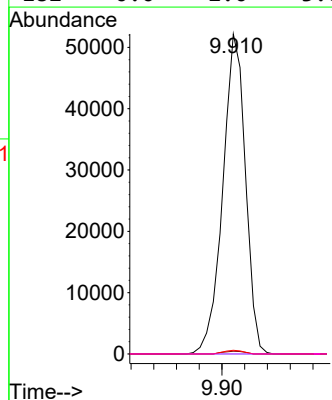
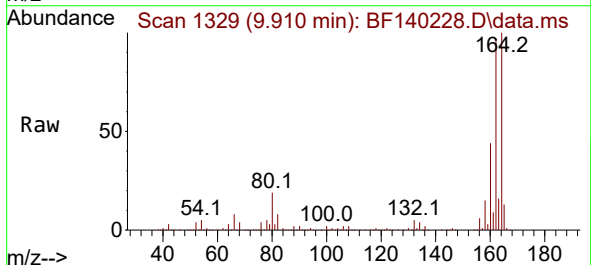
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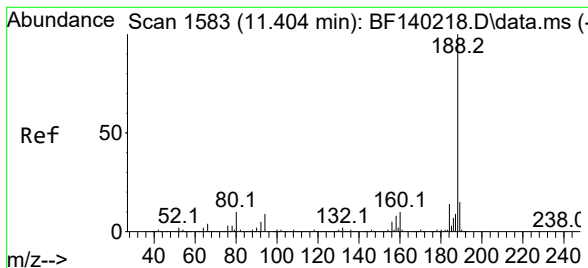
Tgt Ion:165 Resp: 72280
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.2 49.2 73.8#



#57
2,4-Dinitrotoluene
Concen: 6.681 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion:165 Resp: 72280
Ion Ratio Lower Upper
165 100
63 0.8 39.7 59.5#
89 1.2 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: BF140228.D

Acq: 04 Nov 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB164382BL

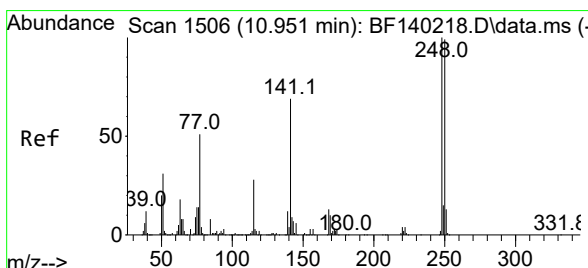
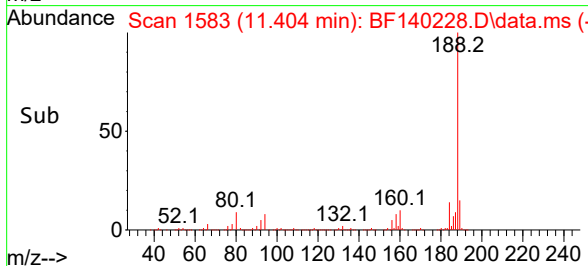
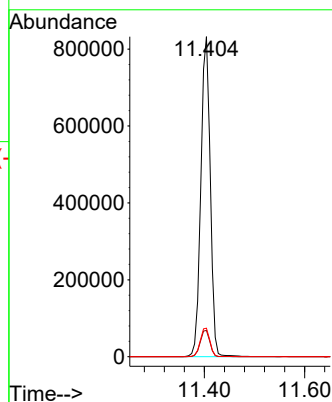
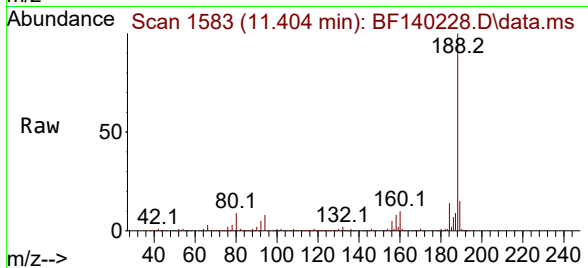
Tgt Ion:188 Resp: 1084488

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 8.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.416 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.247 min

Lab File: BF140228.D

Acq: 04 Nov 2024 19:33

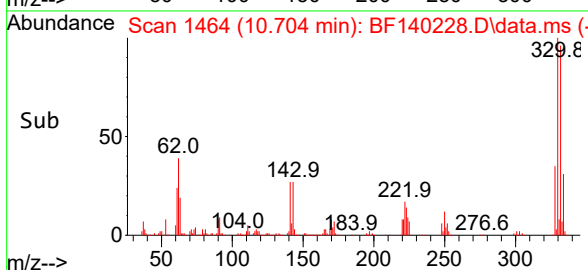
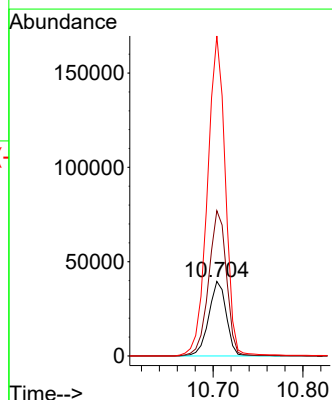
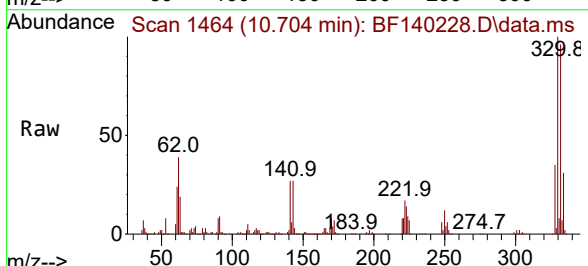
Tgt Ion:248 Resp: 53932

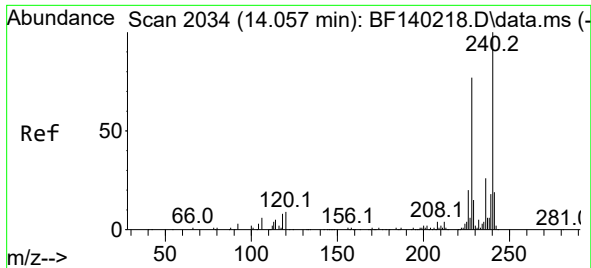
Ion Ratio Lower Upper

248 100

250 195.0 79.0 118.4#

141 429.5 55.0 82.6#

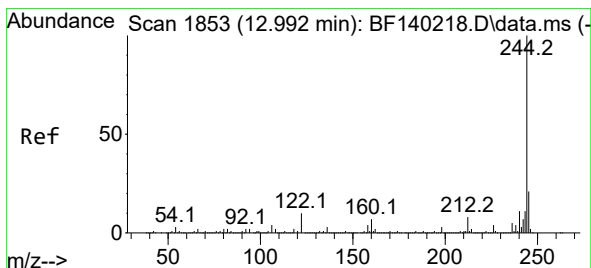
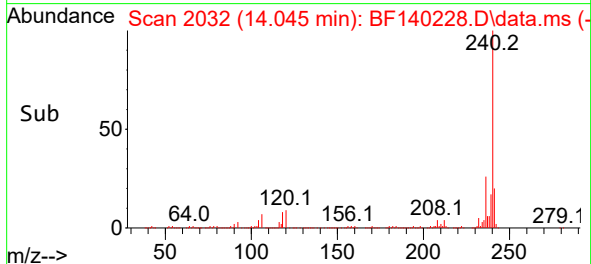
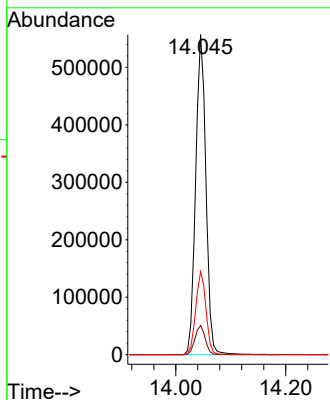
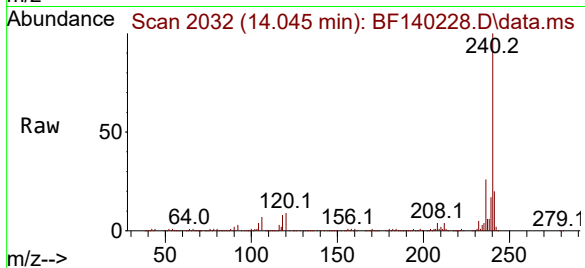




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

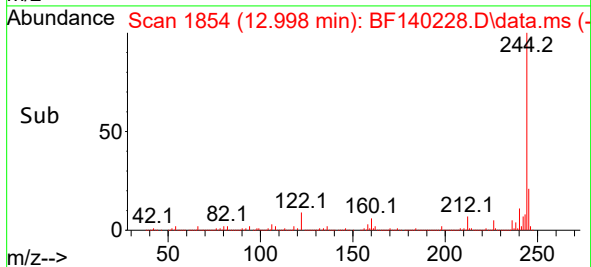
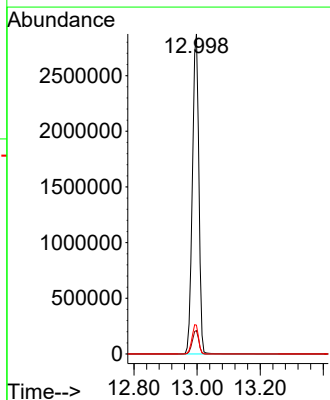
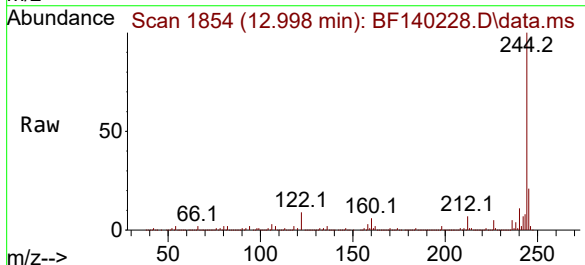
Instrument :
BNA_F
ClientSampleId :
PB164382BL

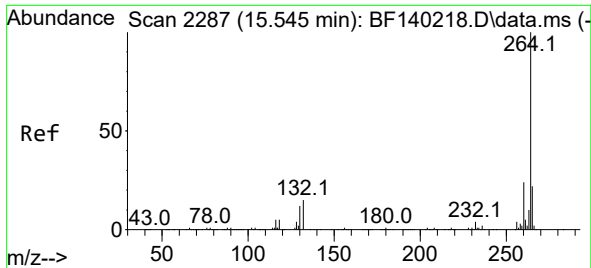
Tgt Ion:240 Resp: 722535
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 90.056 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF140228.D
Acq: 04 Nov 2024 19:33

Tgt Ion:244 Resp: 4078299
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.0 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140228.D
 Acq: 04 Nov 2024 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB164382BL

Tgt Ion:264 Resp: 572789
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.6 17.5 26.3

