

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137844.D
 Acq On : 07 May 2024 13:31
 Operator : CG\JU
 Sample : PB160756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BL

Quant Time: May 07 14:08:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

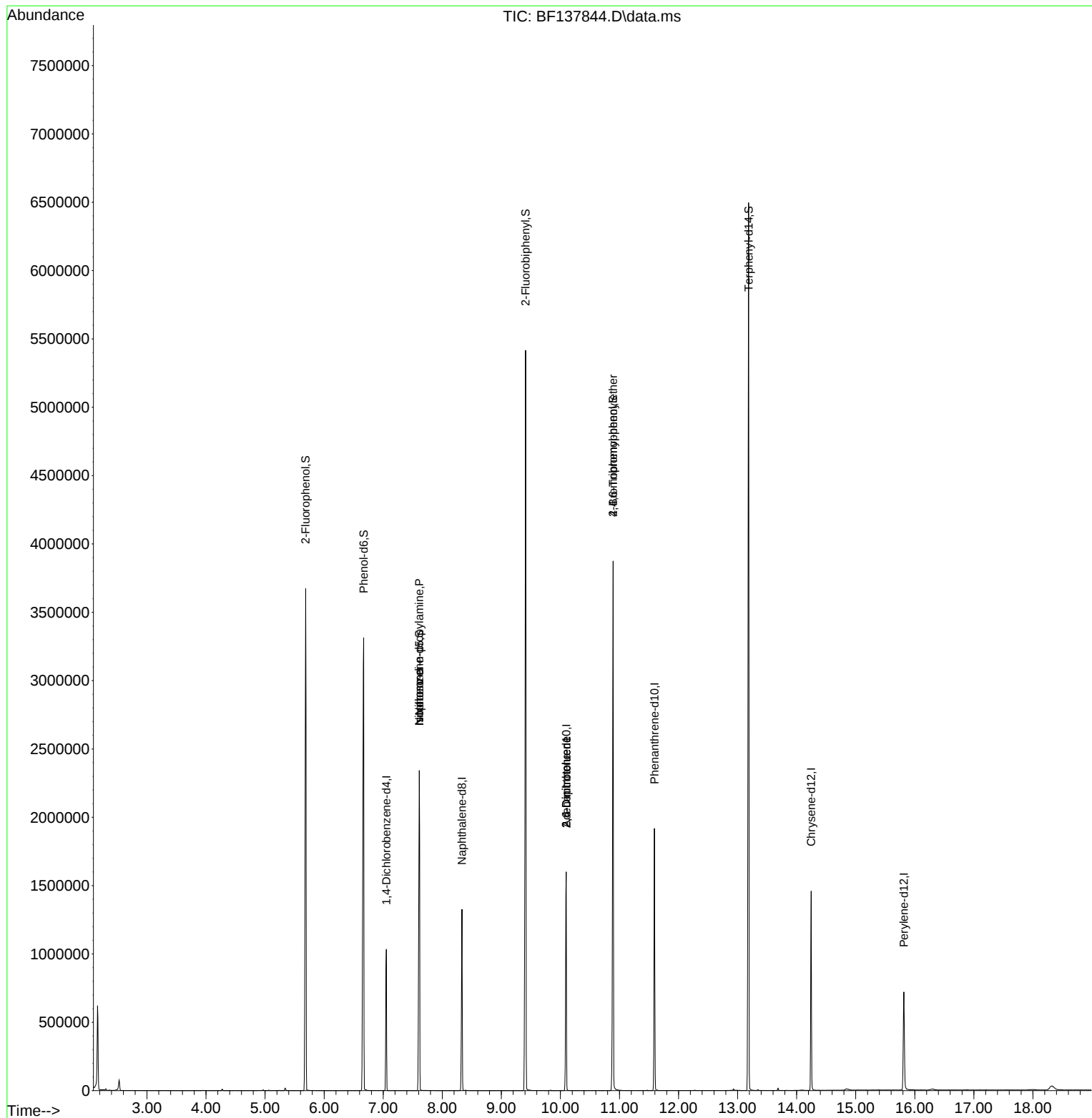
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	153905	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	634020	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	369287	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	675375	20.000	ng	0.00
76) Chrysene-d12	14.245	240	472272	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	359162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1219744	132.693	ng	0.01
7) Phenol-d6	6.669	99	1490749	127.857	ng	0.00
23) Nitrobenzene-d5	7.610	82	948468	86.912	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	535293	141.968	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2028065	89.098	ng	-0.01
79) Terphenyl-d14	13.186	244	2555342	90.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	125671	18.036	ng	# 77
25) Isophorone	7.610	82	948457	48.204	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	46919	8.807	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	46919	6.741	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	34762	4.809	ng	# 1

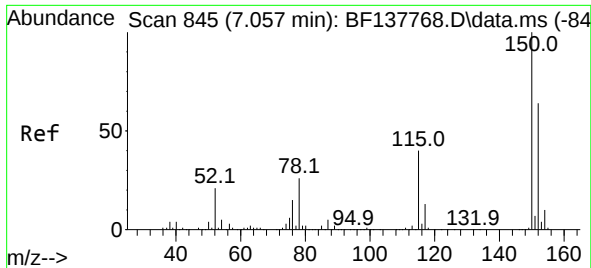
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

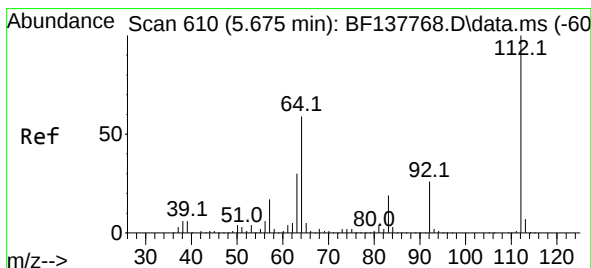
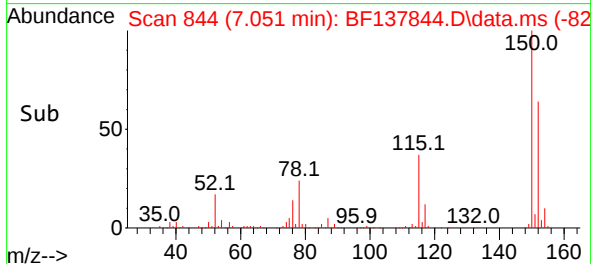
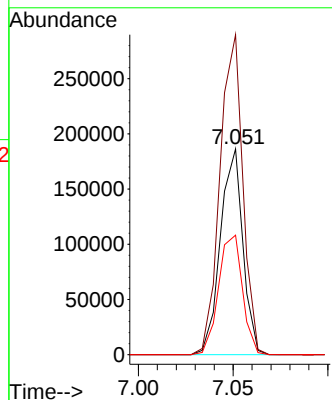
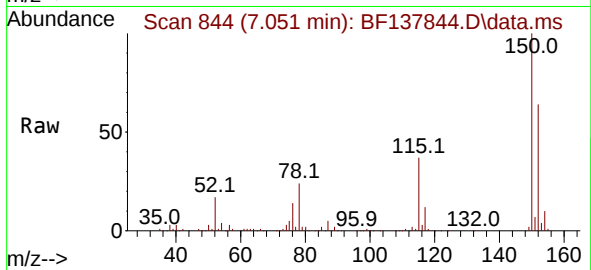




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

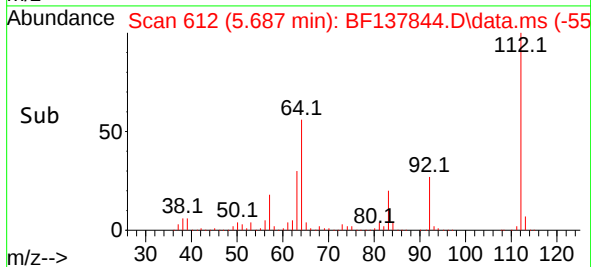
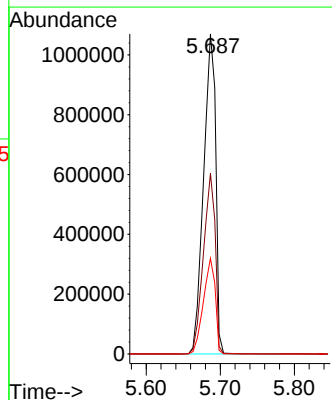
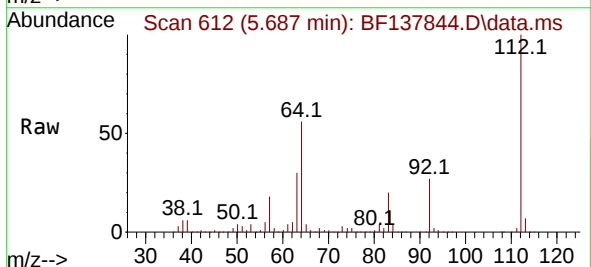
Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion:152 Resp: 153905
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 58.0 49.1 73.7



#5
2-Fluorophenol
Concen: 132.693 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

Tgt Ion:112 Resp: 1219744
Ion Ratio Lower Upper
112 100
64 56.4 47.3 70.9
63 29.9 23.7 35.5

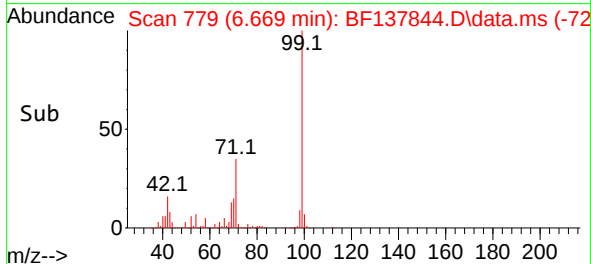
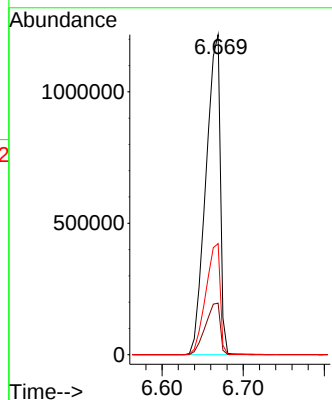
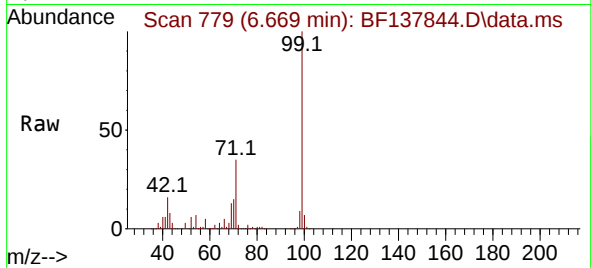




#7
Phenol-d6
Concen: 127.857 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

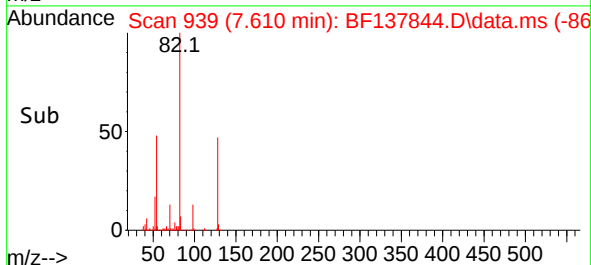
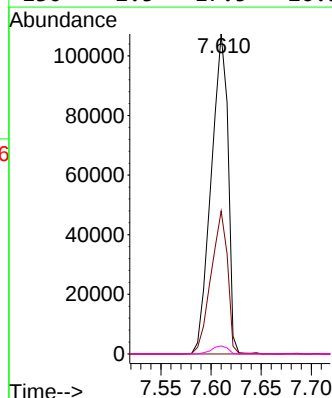
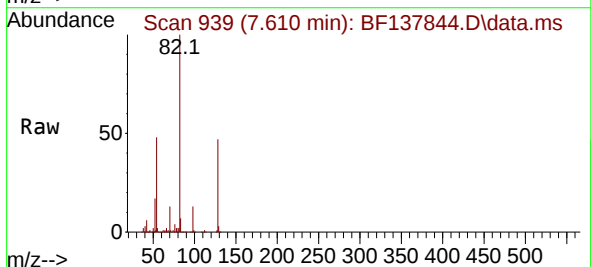
Instrument :
BNA_F
ClientSampleId :
PB160756BL

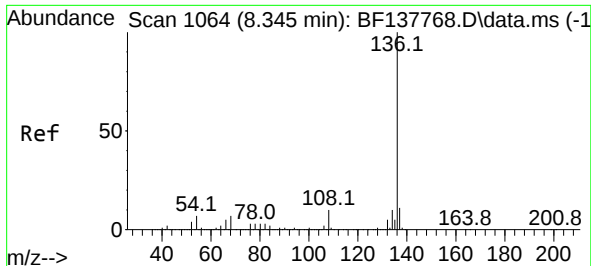
Tgt Ion: 99 Resp: 1490749
Ion Ratio Lower Upper
99 100
42 16.1 13.2 19.8
71 34.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.036 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

Tgt Ion: 70 Resp: 125671
Ion Ratio Lower Upper
70 100
42 44.6 44.6 66.8
101 0.0 7.8 11.6#
130 2.5 17.5 26.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

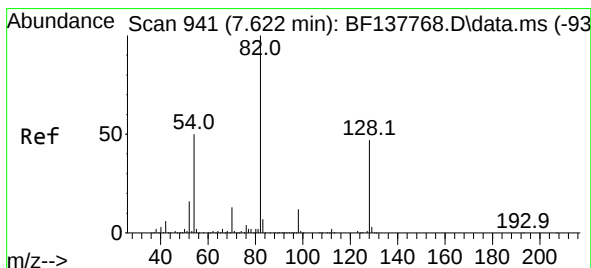
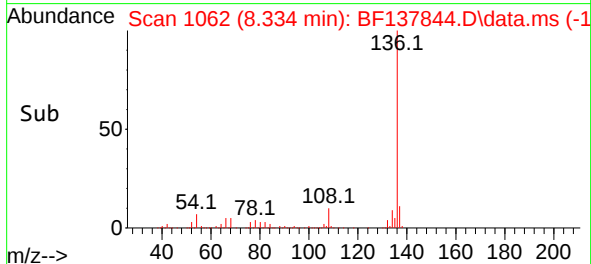
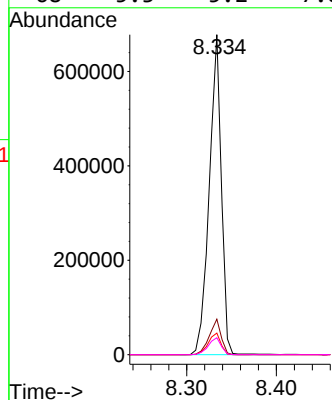
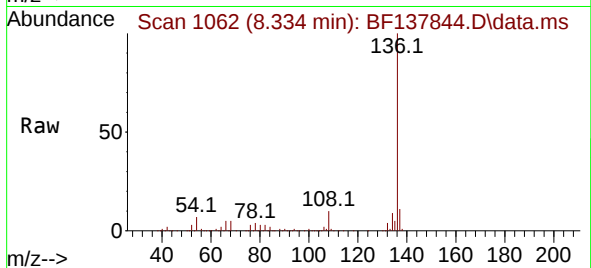
Instrument :

BNA_F

ClientSampleId :

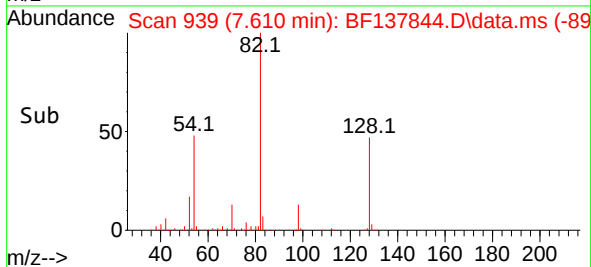
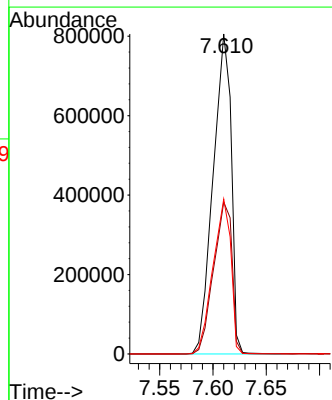
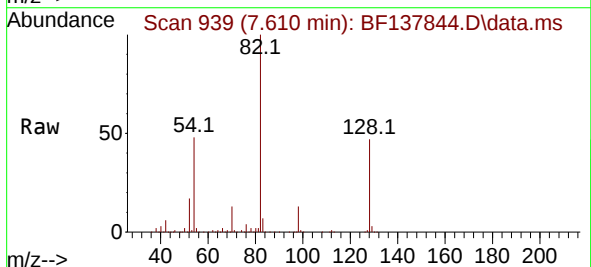
PB160756BL

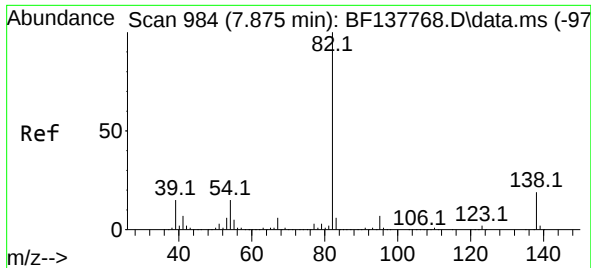
Tgt Ion:136 Resp: 634020
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.8 8.8
68 5.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.912 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

Tgt Ion: 82 Resp: 948468
Ion Ratio Lower Upper
82 100
128 47.5 37.5 56.3
54 48.4 39.8 59.6

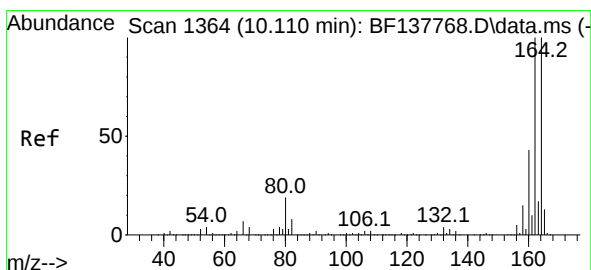
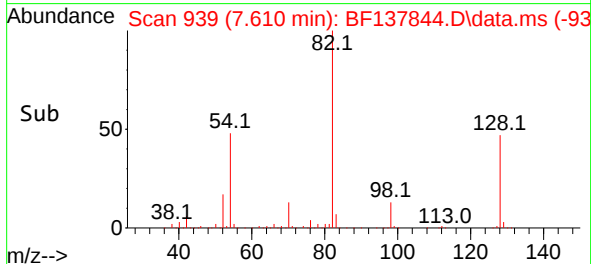
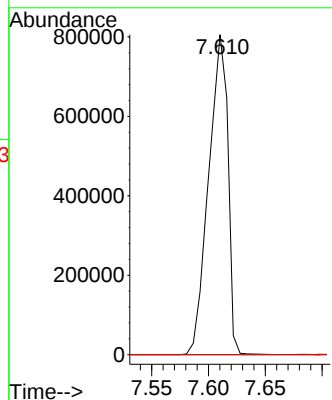
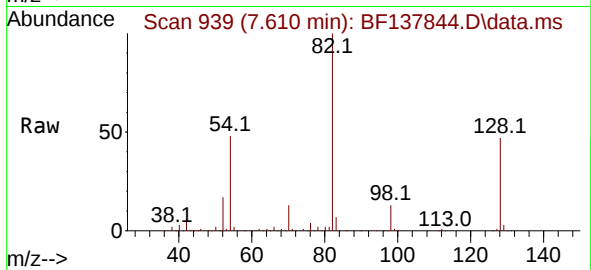




#25
Isophorone
Concen: 48.204 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

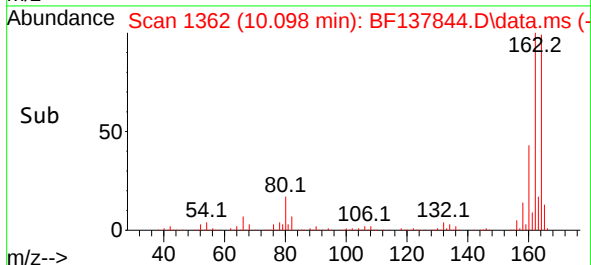
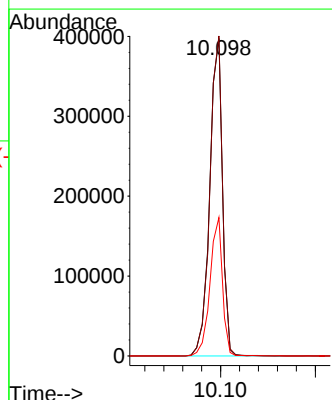
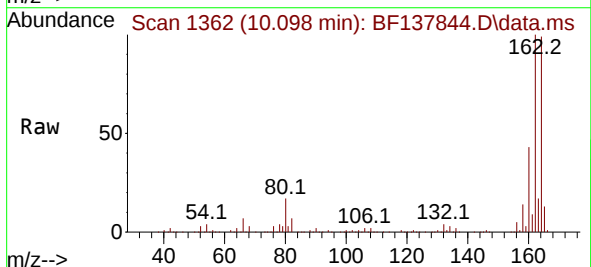
Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion: 82 Resp: 948457
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

Tgt Ion:164 Resp: 369287
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.6
160 43.6 34.4 51.6



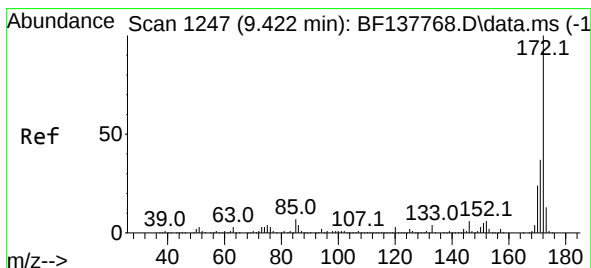
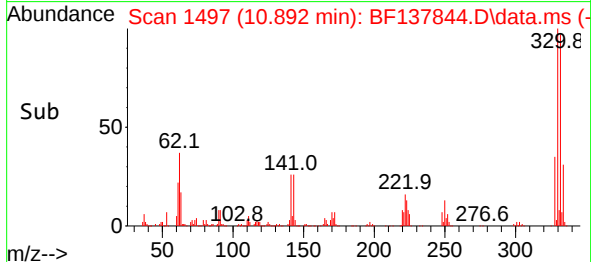
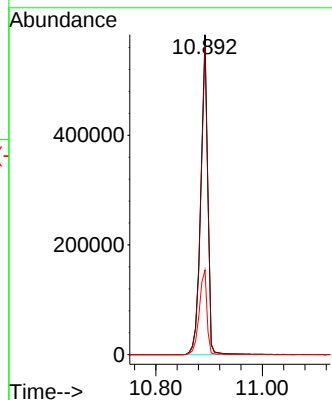
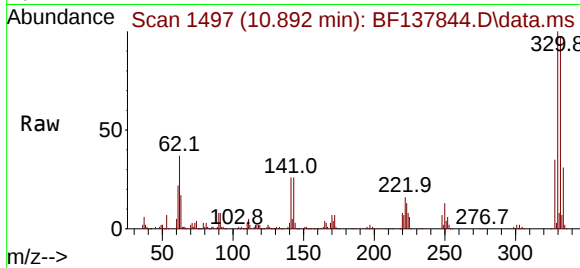


#42
 2,4,6-Tribromophenol
 Concen: 141.968 ng
 RT: 10.892 min Scan# 1498
 Delta R.T. -0.006 min
 Lab File: BF137844.D
 Acq: 07 May 2024 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BL

Tgt Ion:330 Resp: 535293

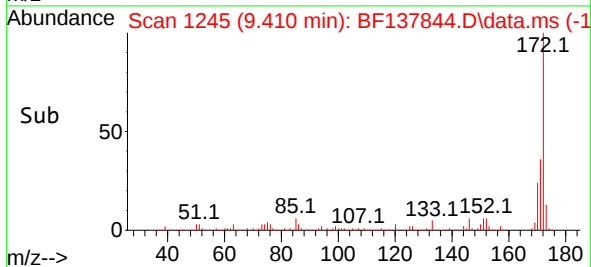
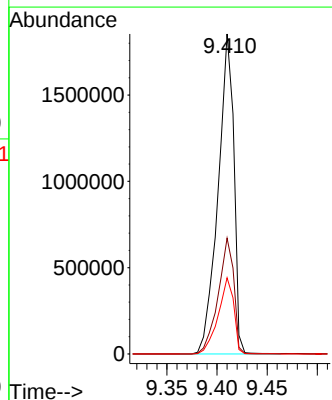
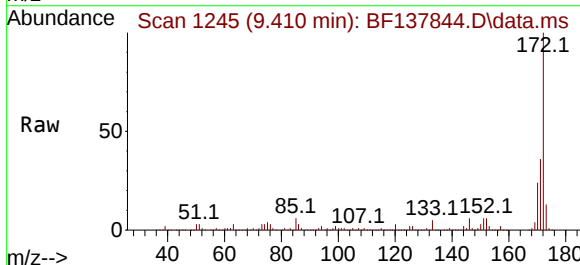
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	29.1	23.8	35.6

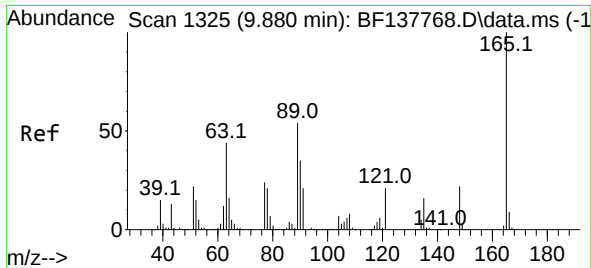


#45
 2-Fluorobiphenyl
 Concen: 89.098 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.012 min
 Lab File: BF137844.D
 Acq: 07 May 2024 13:31

Tgt Ion:172 Resp: 2028065

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.4	29.2

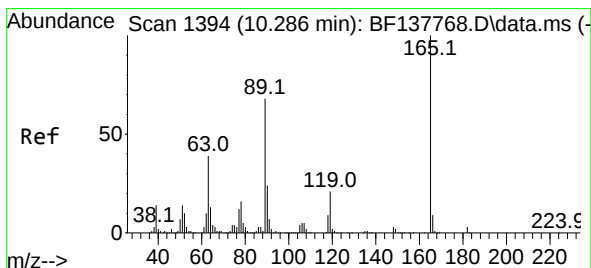
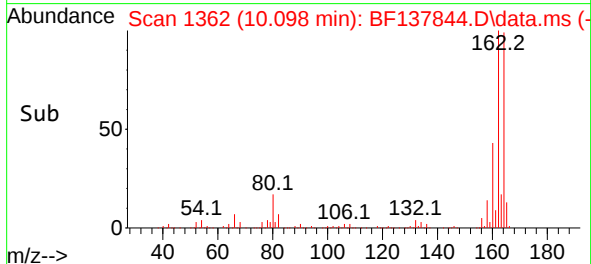
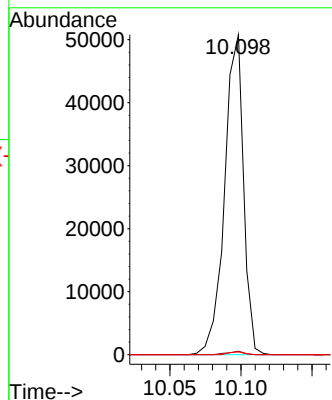
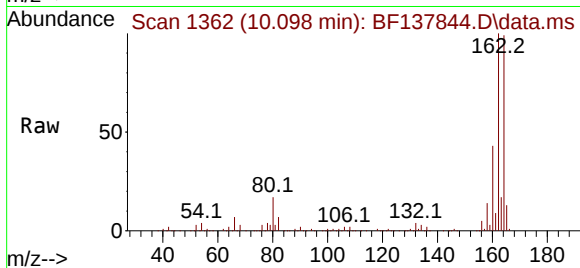




#51
2,6-Dinitrotoluene
Concen: 8.807 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

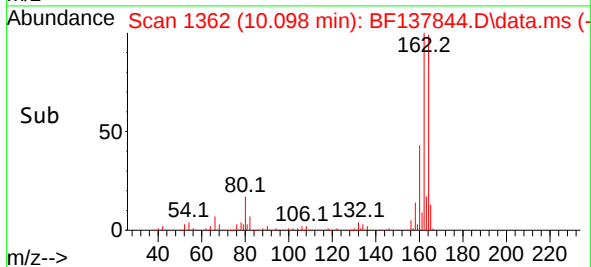
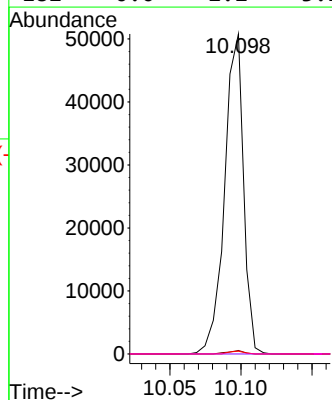
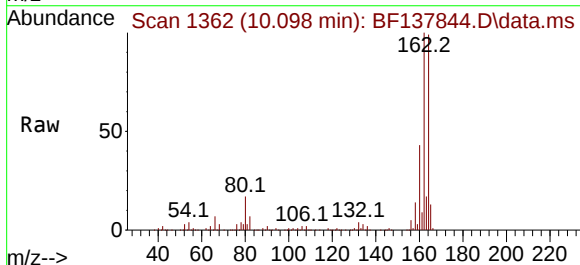
Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion:165 Resp: 46919
Ion Ratio Lower Upper
165 100
63 1.1 41.9 62.9#
89 0.8 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.741 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137844.D
Acq: 07 May 2024 13:31

Tgt Ion:165 Resp: 46919
Ion Ratio Lower Upper
165 100
63 1.1 31.3 46.9#
89 0.8 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137844.D

Acq: 07 May 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB160756BL

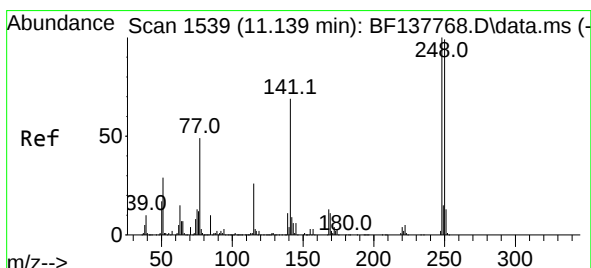
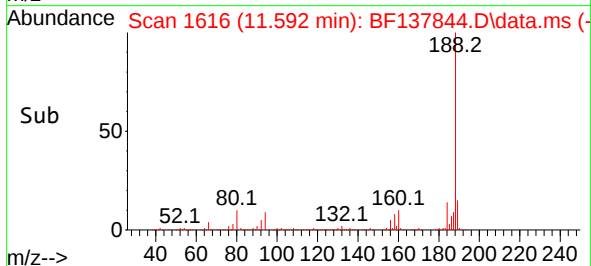
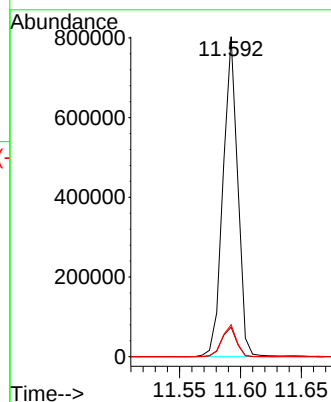
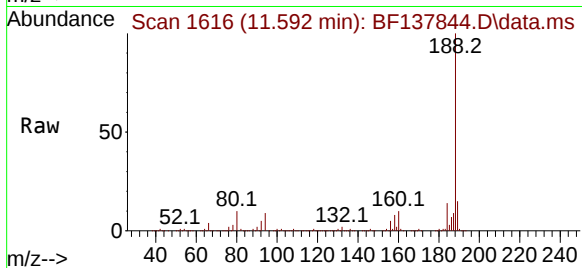
Tgt Ion:188 Resp: 675375

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 10.0 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.809 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137844.D

Acq: 07 May 2024 13:31

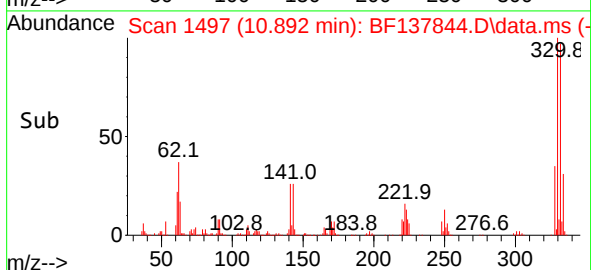
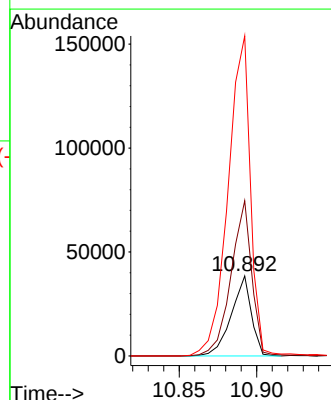
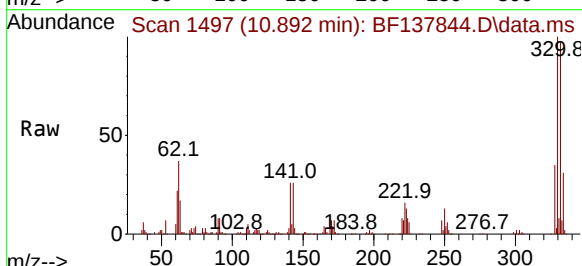
Tgt Ion:248 Resp: 34762

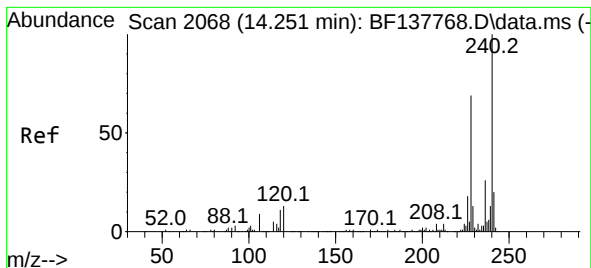
Ion Ratio Lower Upper

248 100

250 194.0 79.1 118.7#

141 399.8 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137844.D

Acq: 07 May 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB160756BL

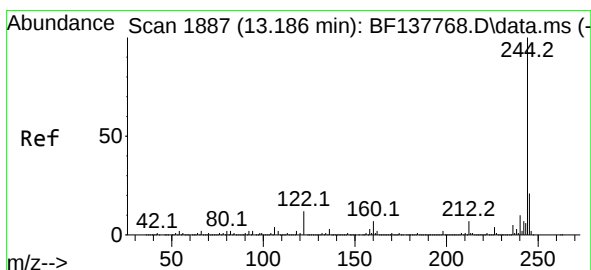
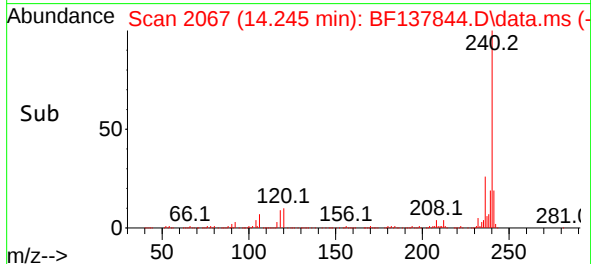
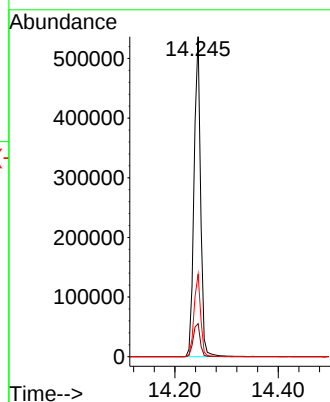
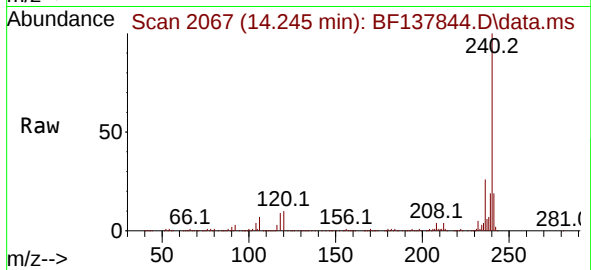
Tgt Ion:240 Resp: 472272

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

236 25.8 20.4 30.6



#79

Terphenyl-d14

Concen: 90.677 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137844.D

Acq: 07 May 2024 13:31

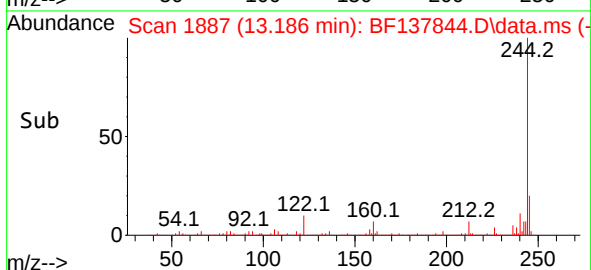
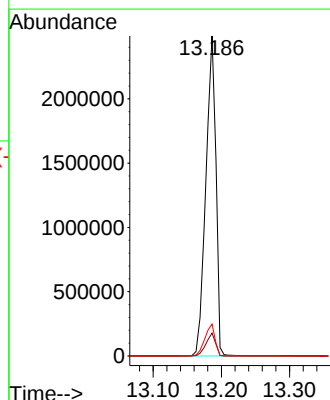
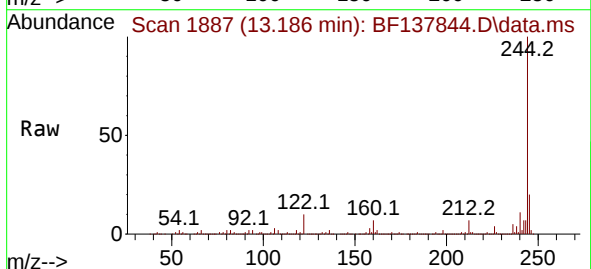
Tgt Ion:244 Resp: 2555342

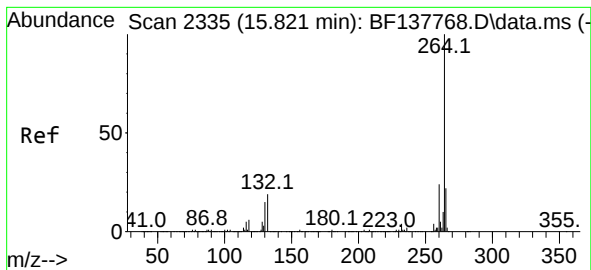
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.0 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137844.D

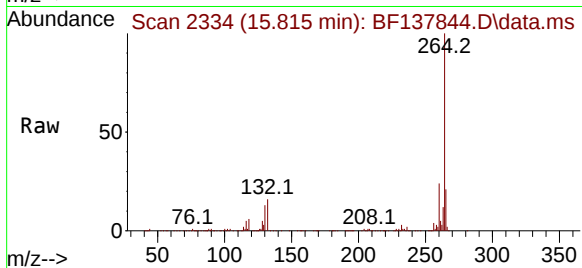
Acq: 07 May 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB160756BL



Tgt Ion:264 Resp: 359162

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.2 17.4 26.0

