

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137859.D
 Acq On : 09 May 2024 11:52
 Operator : CG\JU
 Sample : PB160779BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160779BL

Quant Time: May 09 12:26:45 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)

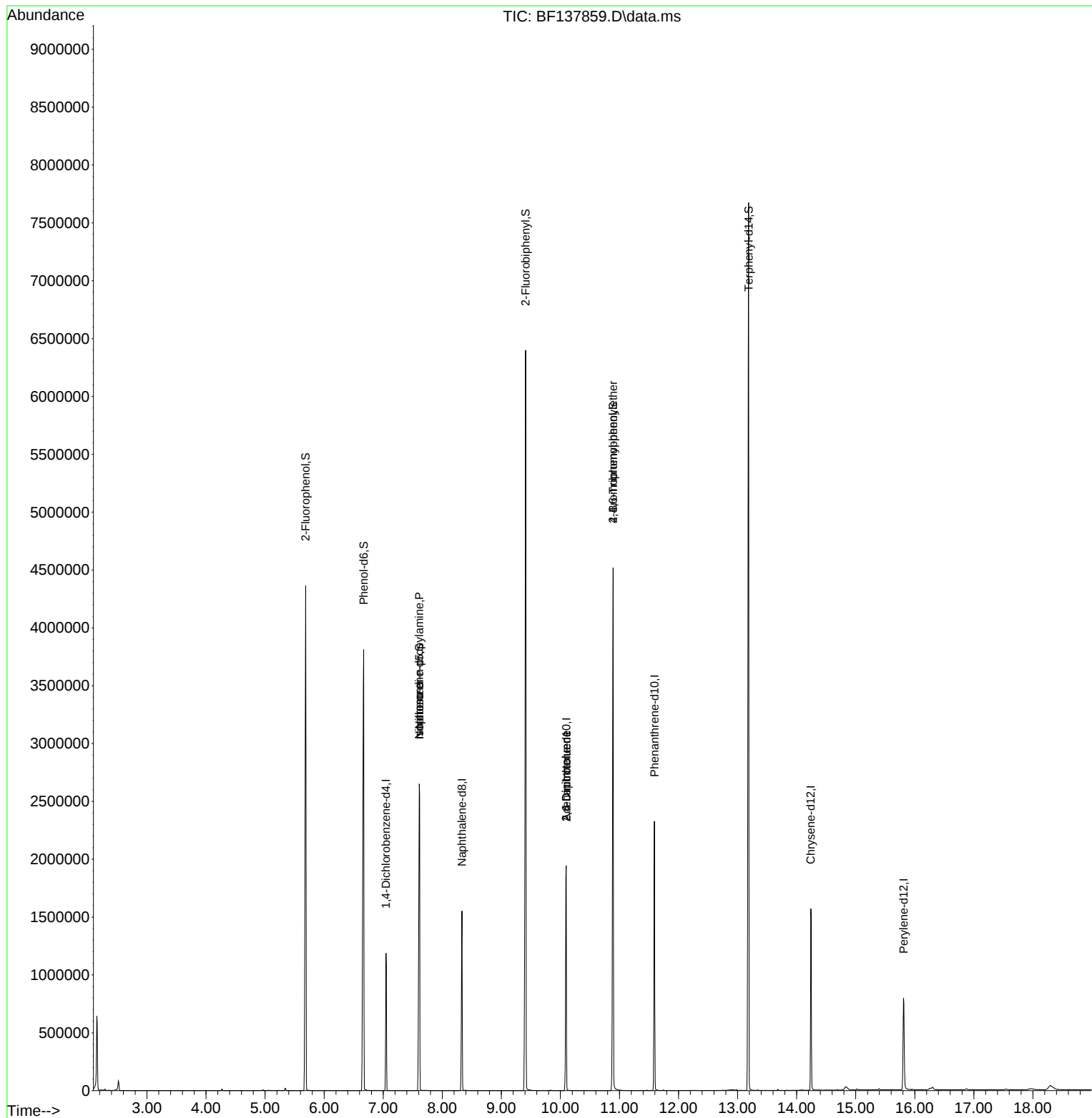
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	184770	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	759305	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	449110	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	823274	20.000	ng	0.00
76) Chrysene-d12	14.239	240	555031	20.000	ng	-0.01
86) Perylene-d12	15.810	264	413608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1444925	130.932	ng	0.01
7) Phenol-d6	6.669	99	1768782	126.362	ng	0.00
23) Nitrobenzene-d5	7.610	82	1144913	87.603	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	643463	140.325	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2419817	87.413	ng	-0.01
79) Terphenyl-d14	13.186	244	2965478	89.540	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	151972	18.167	ng	# 77
25) Isophorone	7.610	82	1144902	48.587	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	60307	9.308	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	60307	7.124	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	41118	4.667	ng	# 1

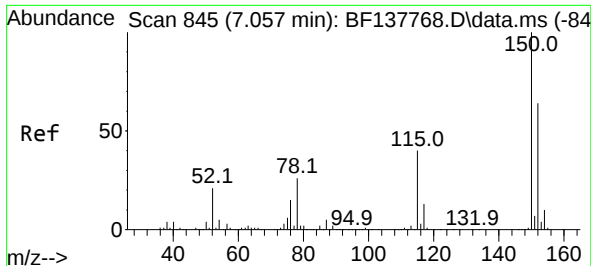
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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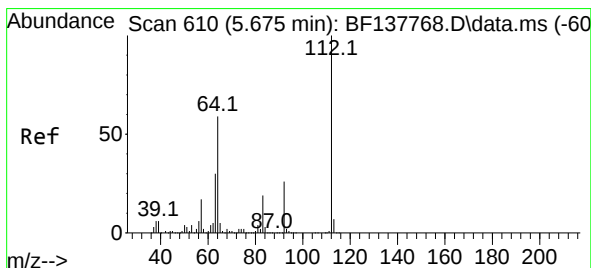
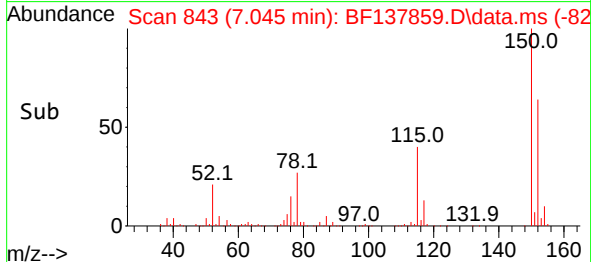
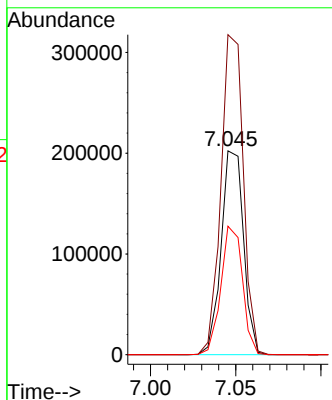
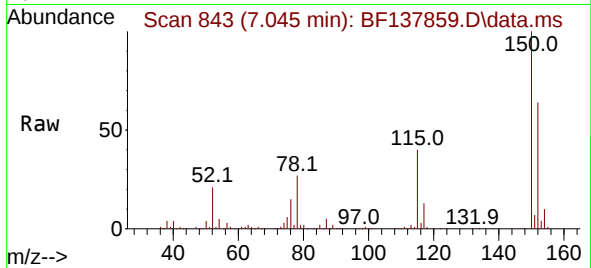




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

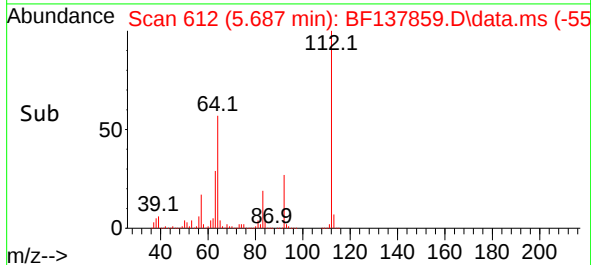
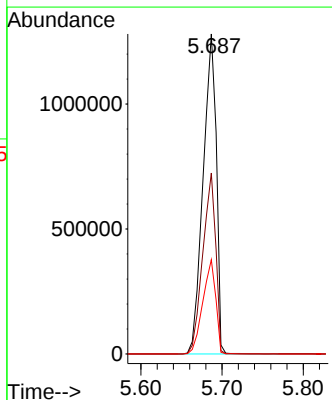
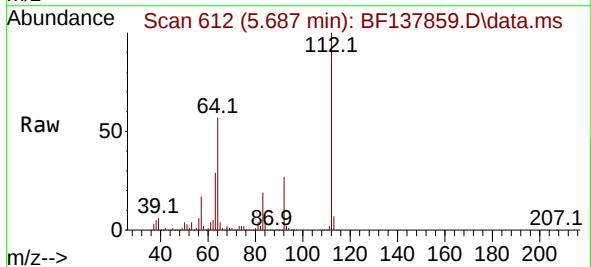
Instrument :
BNA_F
ClientSampleId :
PB160779BL

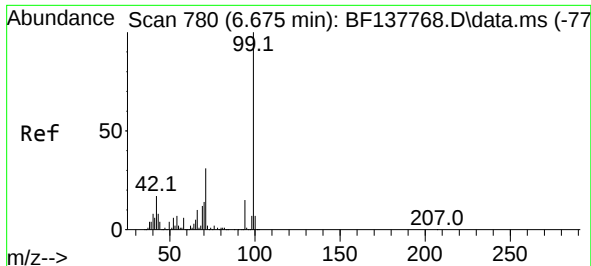
Tgt Ion:152 Resp: 184770
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 63.1 49.1 73.7



#5
2-Fluorophenol
Concen: 130.932 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:112 Resp: 1444925
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 29.4 23.7 35.5

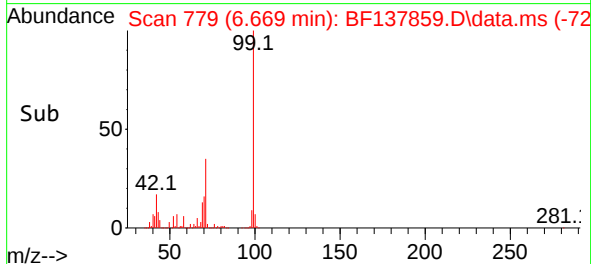
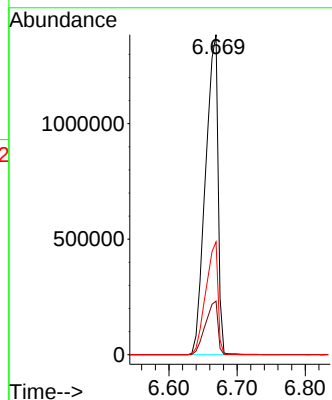
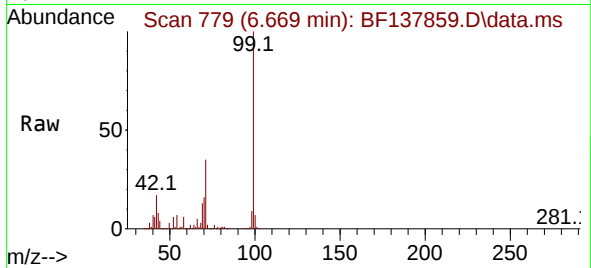




#7
Phenol-d6
Concen: 126.362 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

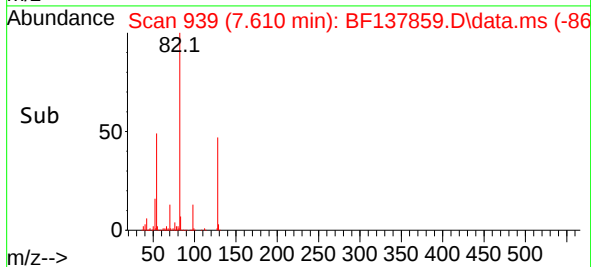
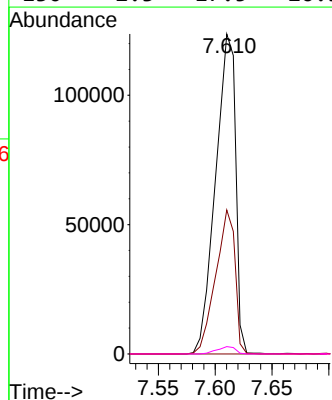
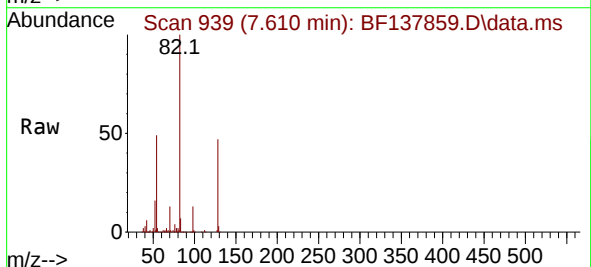
Instrument :
BNA_F
ClientSampleId :
PB160779BL

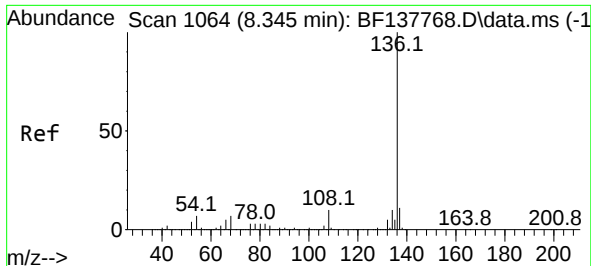
Tgt Ion: 99 Resp: 1768782
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 35.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.167 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion: 70 Resp: 151972
Ion Ratio Lower Upper
70 100
42 45.0 44.6 66.8
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#



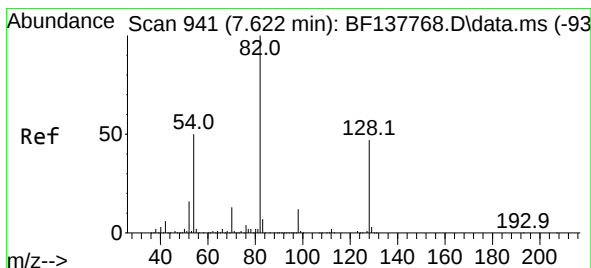
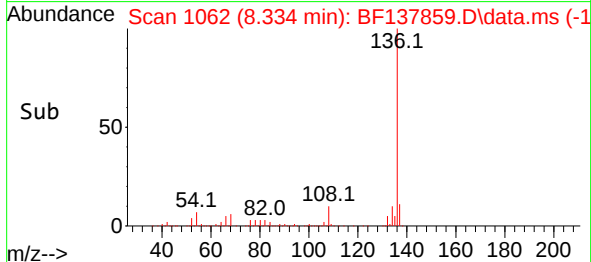
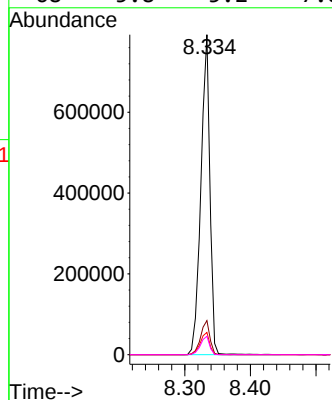
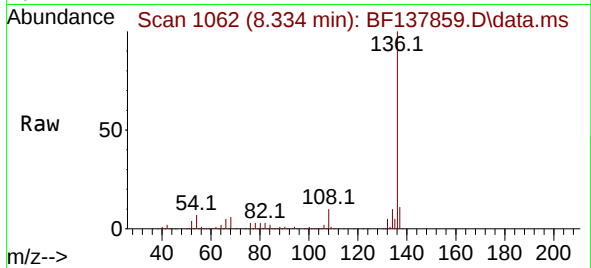


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB160779BL

Tgt Ion:136 Resp: 759305

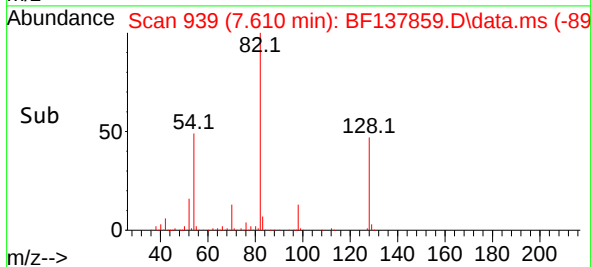
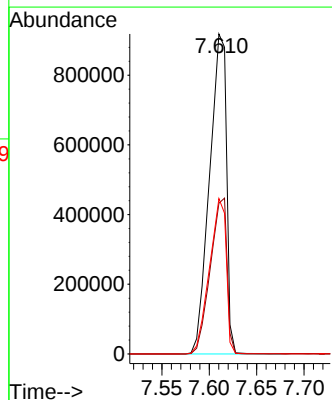
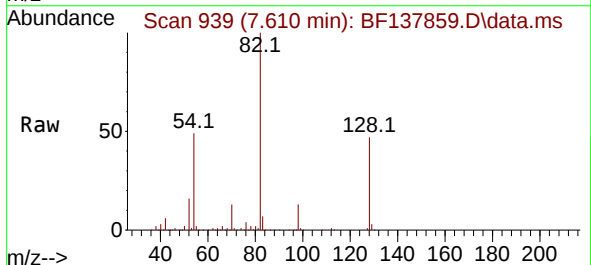
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.8	8.8
68	5.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 87.603 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion: 82 Resp: 1144913

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.5	56.3
54	48.5	39.8	59.6

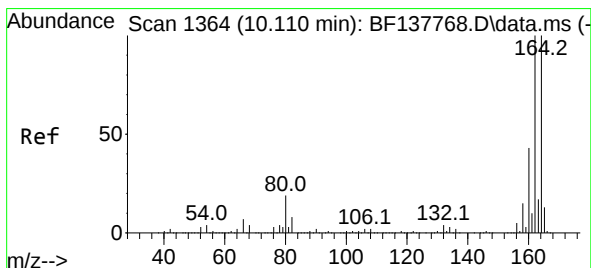
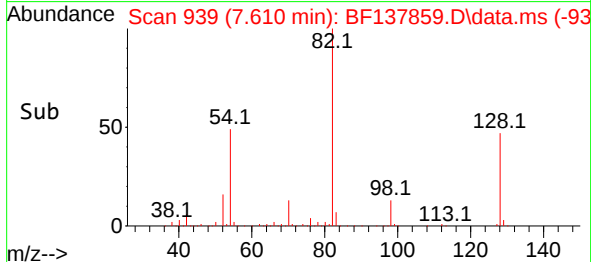
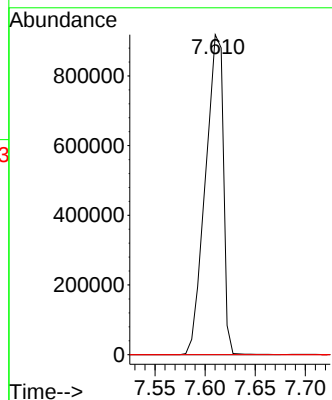
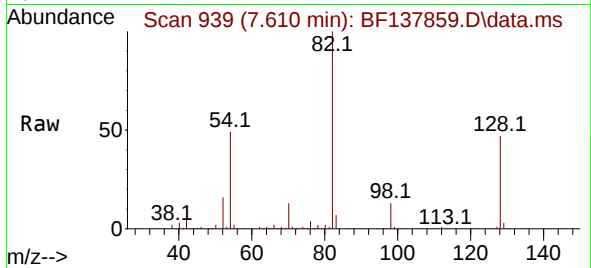




#25
Isophorone
Concen: 48.587 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

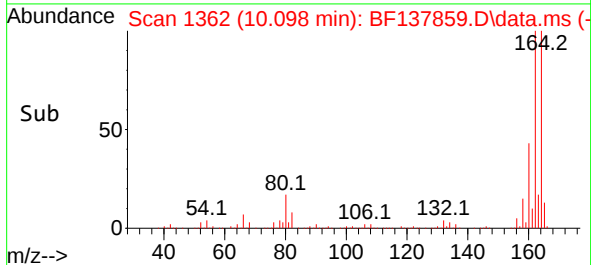
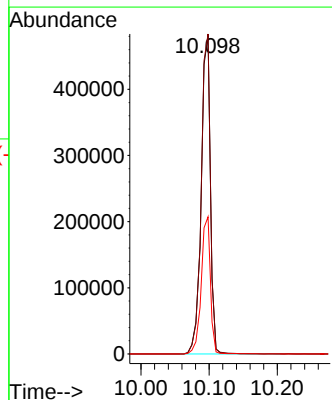
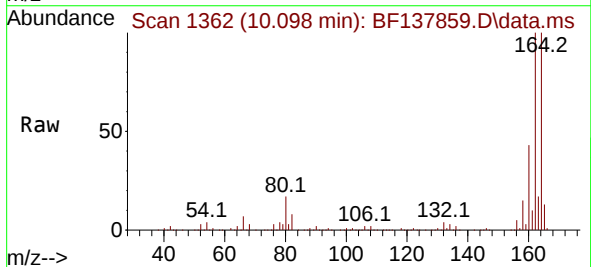
Instrument :
BNA_F
ClientSampleId :
PB160779BL

Tgt Ion: 82 Resp: 1144902
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: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:164 Resp: 449110
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.6
160 43.0 34.4 51.6

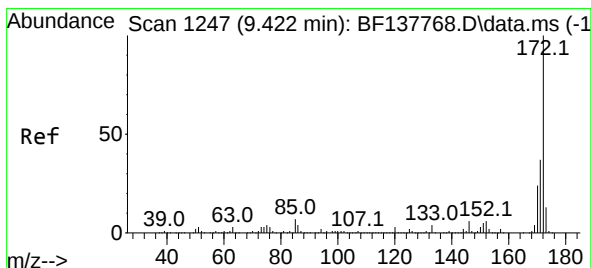
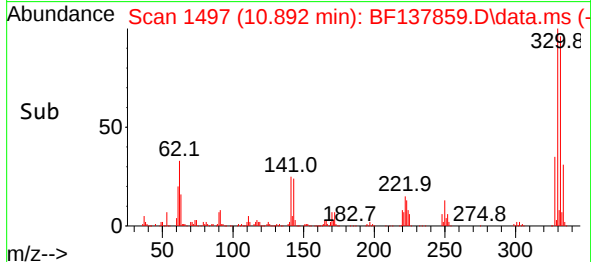
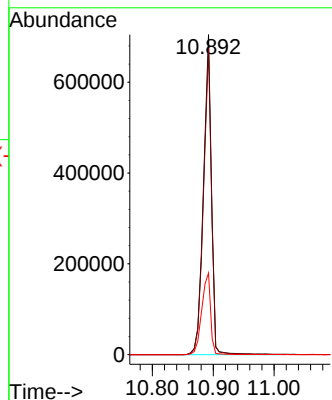
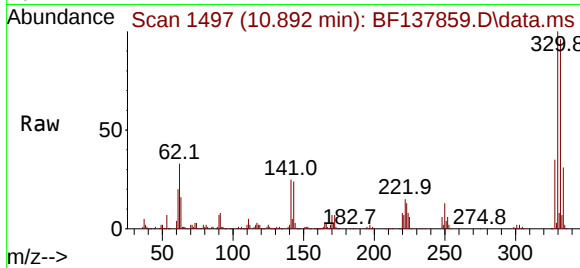




#42
2,4,6-Tribromophenol
Concen: 140.325 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

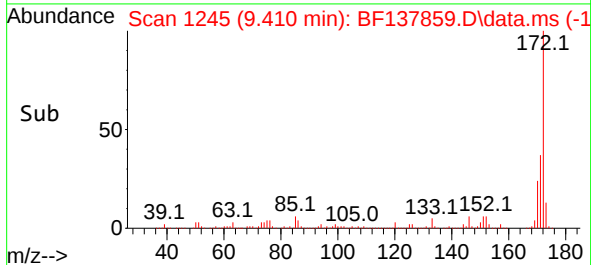
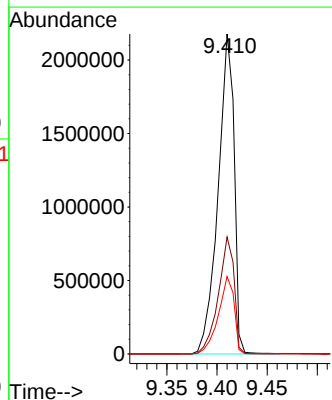
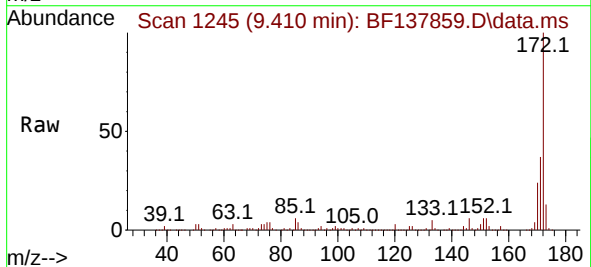
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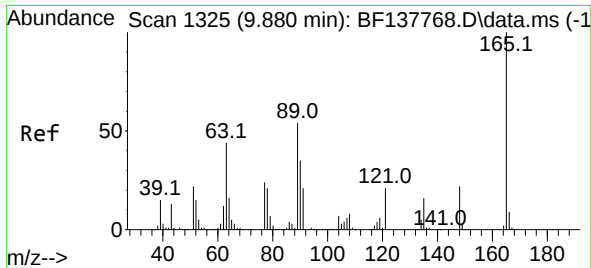
Tgt Ion:330 Resp: 643463
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.413 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:172 Resp: 2419817
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2

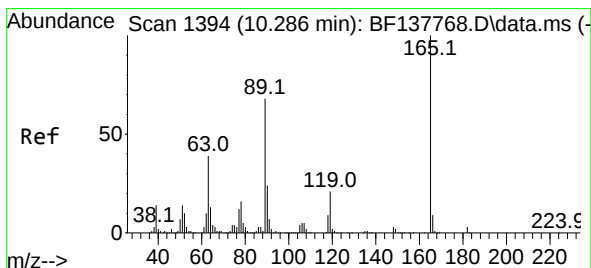
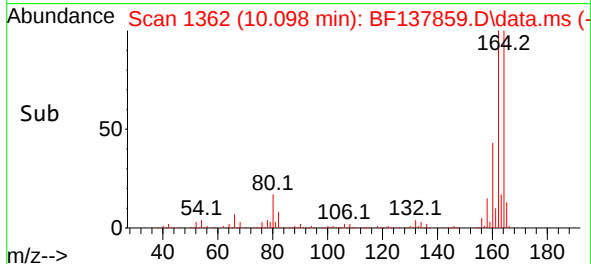
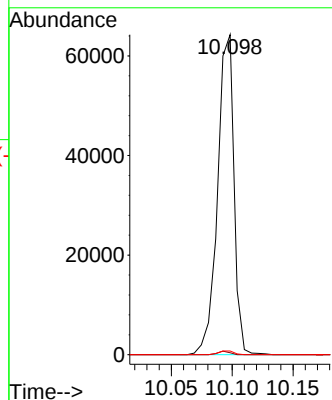
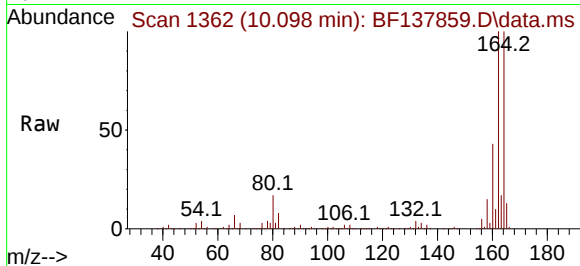




#51
2,6-Dinitrotoluene
Concen: 9.308 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

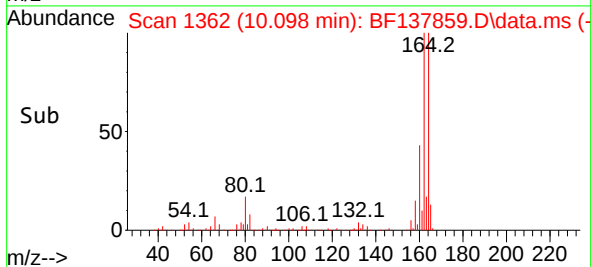
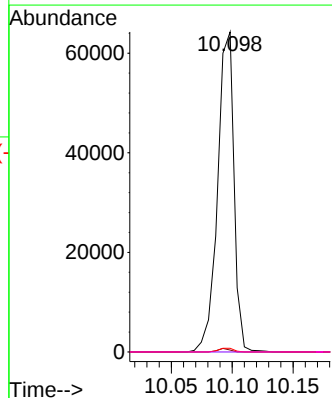
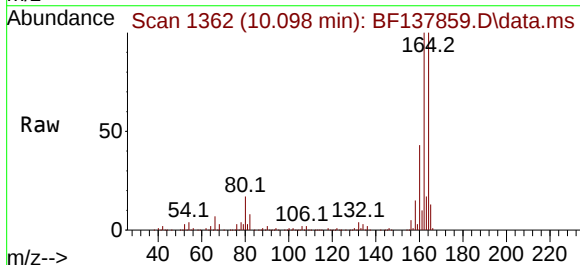
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ClientSampleId :
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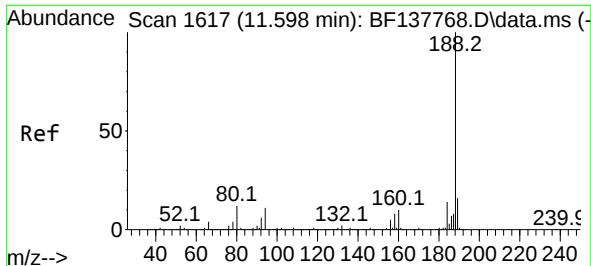
Tgt Ion:165 Resp: 60307
Ion Ratio Lower Upper
165 100
63 0.6 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 7.124 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:165 Resp: 60307
Ion Ratio Lower Upper
165 100
63 0.6 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#

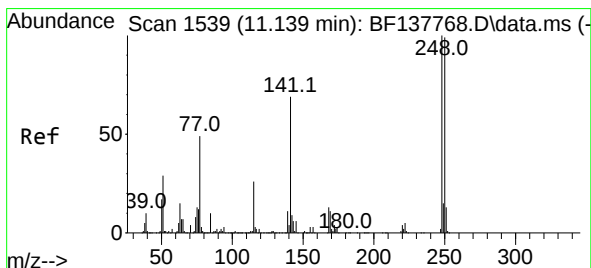
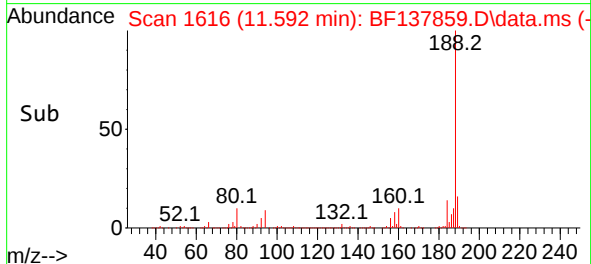
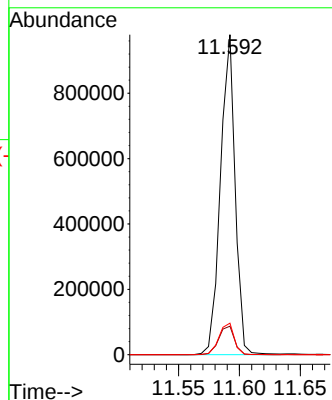
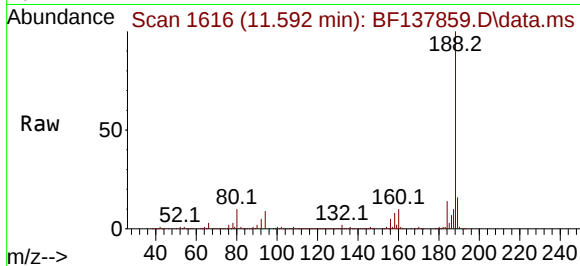




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

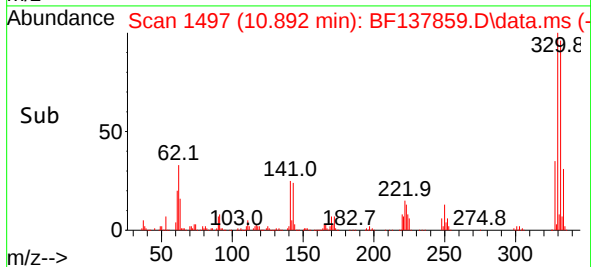
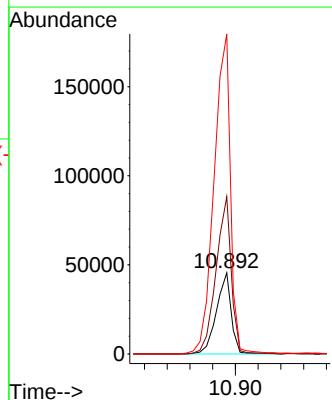
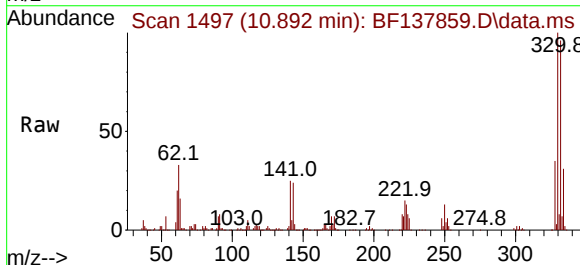
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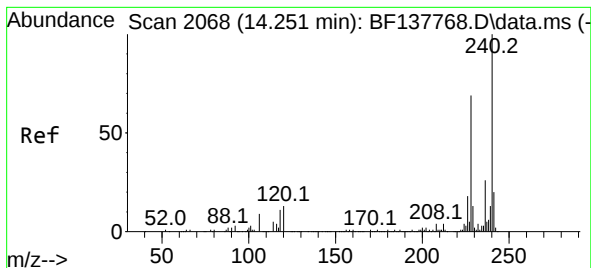
Tgt Ion:188 Resp: 823274
Ion Ratio Lower Upper
188 100
94 8.9 8.8 13.2
80 9.8 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:248 Resp: 41118
Ion Ratio Lower Upper
248 100
250 193.9 79.1 118.7#
141 394.2 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137859.D

Acq: 09 May 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB160779BL

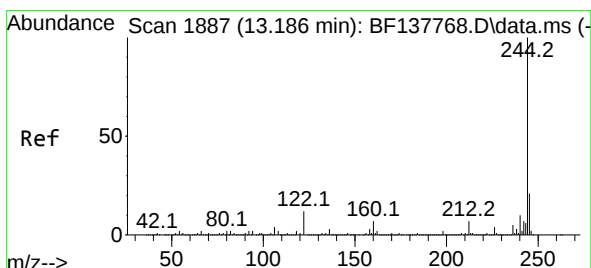
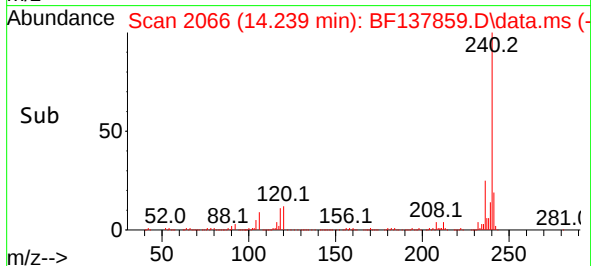
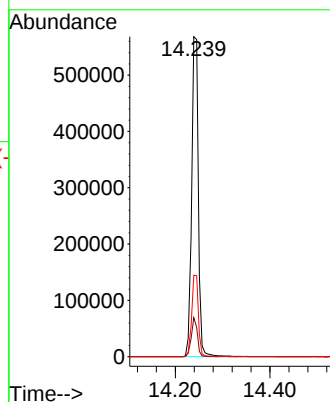
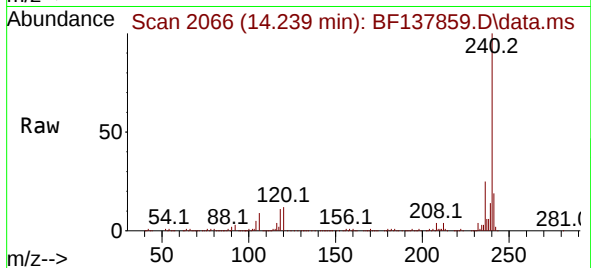
Tgt Ion:240 Resp: 555031

Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

236 25.5 20.4 30.6



#79

Terphenyl-d14

Concen: 89.540 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137859.D

Acq: 09 May 2024 11:52

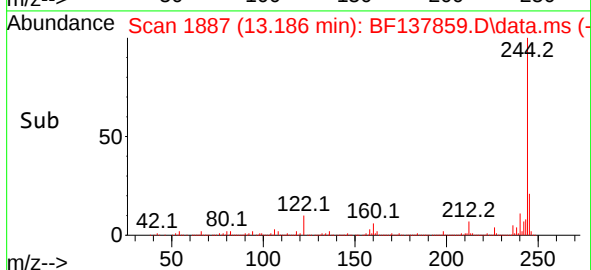
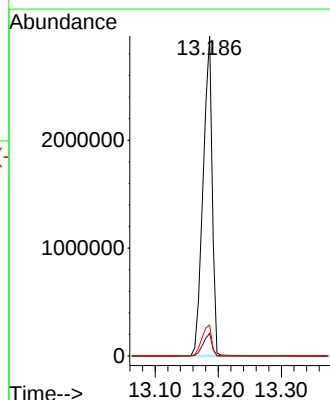
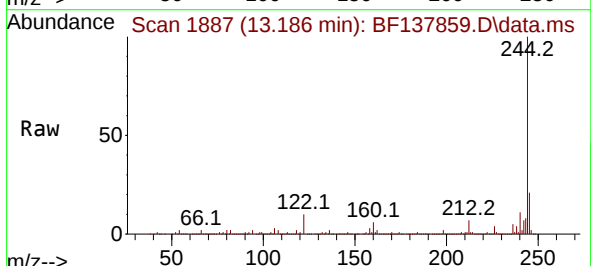
Tgt Ion:244 Resp: 2965478

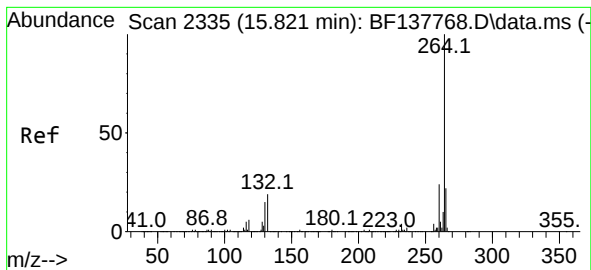
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.7 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137859.D

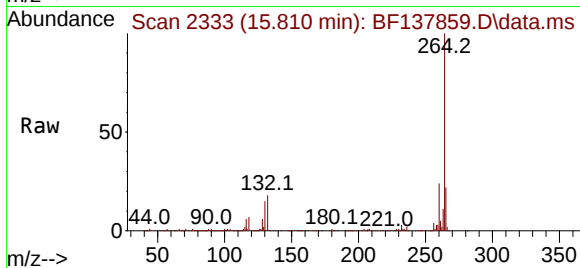
Acq: 09 May 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB160779BL



Tgt Ion:264 Resp: 413608

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.5 17.4 26.0

