

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137865.D
 Acq On : 09 May 2024 15:50
 Operator : CG\JU
 Sample : P2410-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2295

Quant Time: May 09 16:14:25 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)

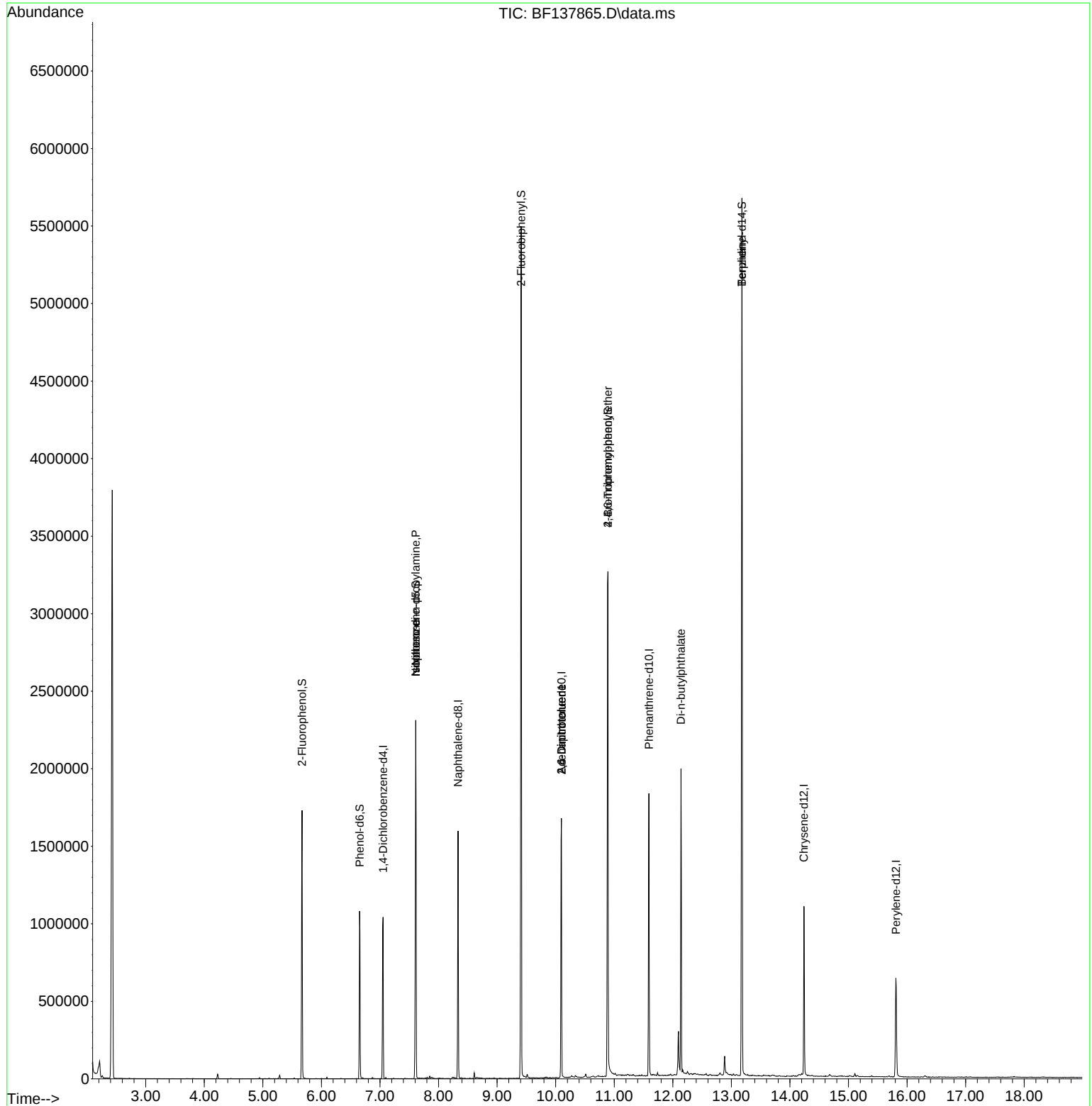
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	160415	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	634025	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	362540	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	618375	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	344132	20.000	ng	-0.01
86) Perylene-d12	15.810	264	312513	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	464137	48.443	ng	0.00
7) Phenol-d6	6.651	99	370229	30.465	ng	-0.02
23) Nitrobenzene-d5	7.610	82	786700	72.088	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	489805	132.322	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1666283	74.566	ng	-0.01
79) Terphenyl-d14	13.180	244	2069856	100.798	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	104744	14.422	ng	# 76
25) Isophorone	7.610	82	786688	39.982	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	48159	9.208	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	48215	7.056	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	31654	4.783	ng	# 1
74) Di-n-butylphthalate	12.139	149	909220	28.838	ng	99
77) Benzidine	13.180	184	24839	3.121	ng	# 90

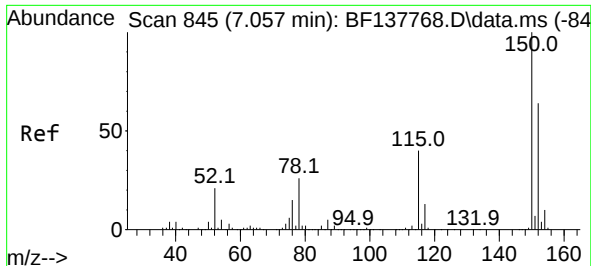
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137865.D
Acq On : 09 May 2024 15:50
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Misc :
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Instrument :
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Quant Time: May 09 16:14:25 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

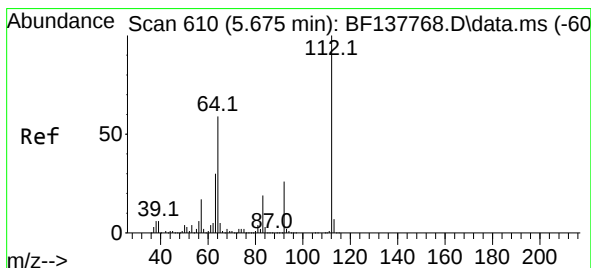
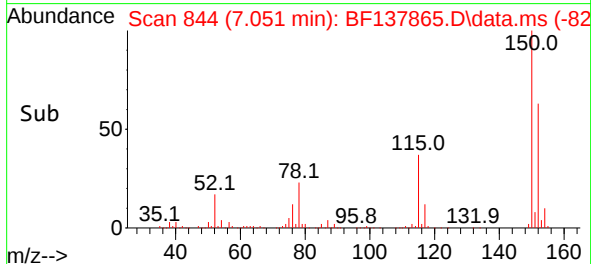
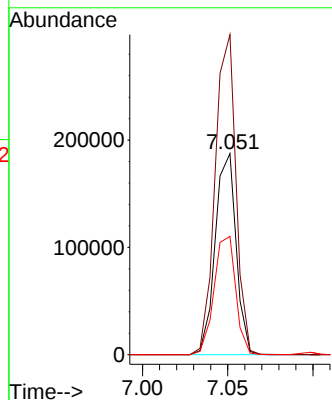
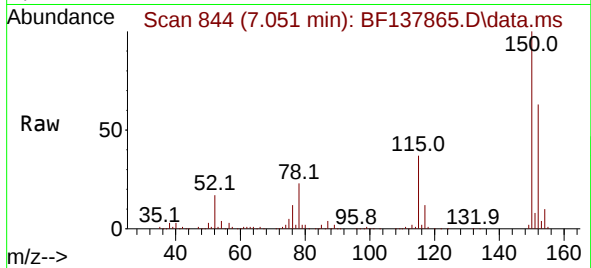




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

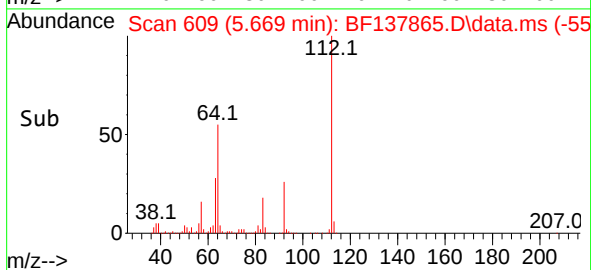
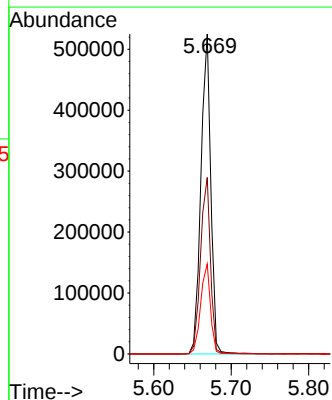
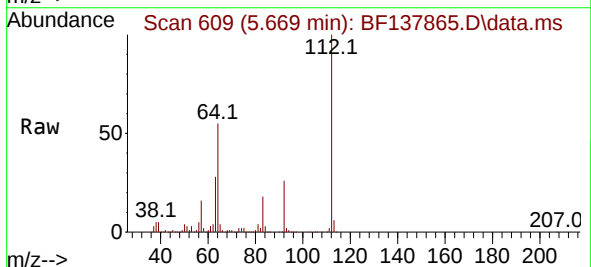
Instrument :
BNA_F
ClientSampleId :
A2295

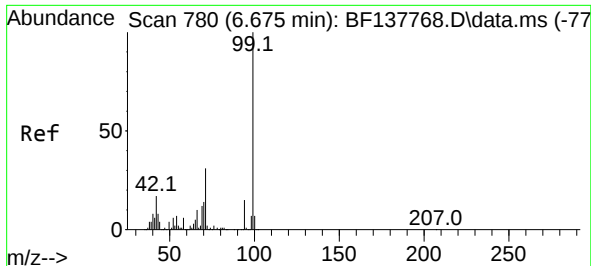
Tgt Ion:152 Resp: 160415
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 58.8 49.1 73.7



#5
2-Fluorophenol
Concen: 48.443 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion:112 Resp: 464137
Ion Ratio Lower Upper
112 100
64 55.1 47.3 70.9
63 28.2 23.7 35.5

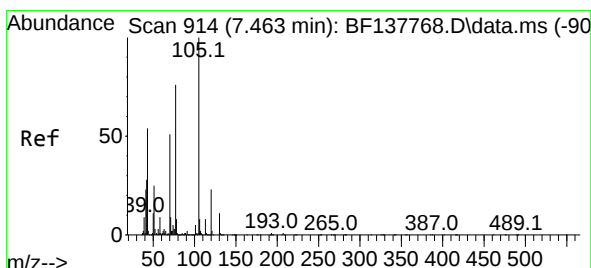
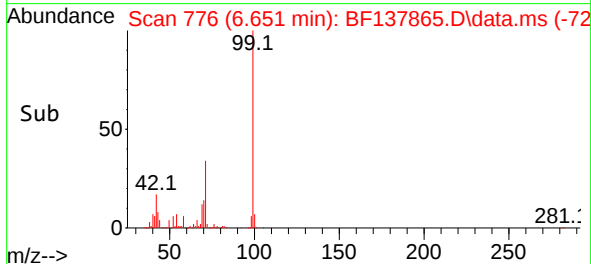
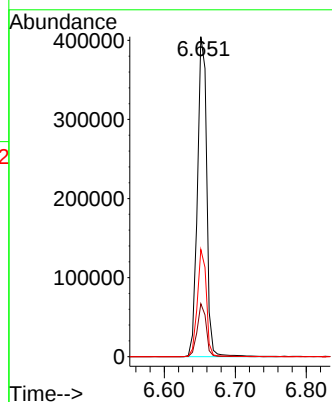
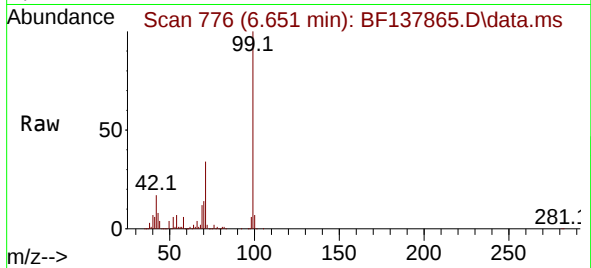




#7
Phenol-d6
Concen: 30.465 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

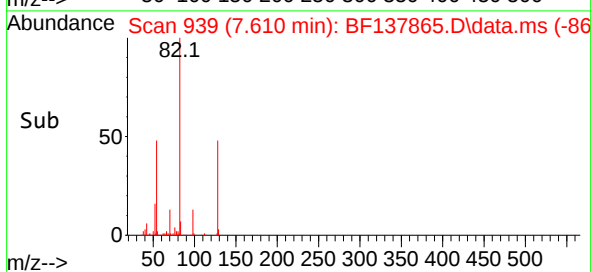
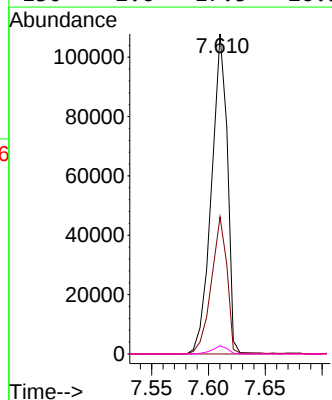
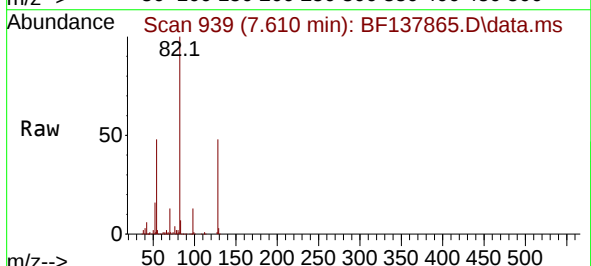
Instrument :
BNA_F
ClientSampleId :
A2295

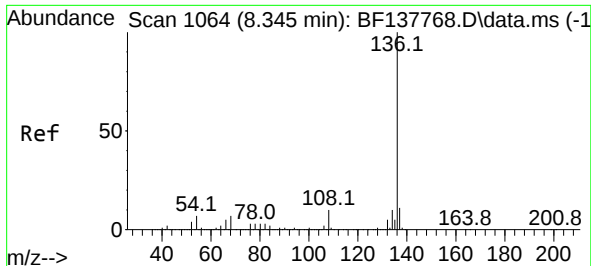
Tgt Ion: 99 Resp: 370229
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 33.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.422 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion: 70 Resp: 104744
Ion Ratio Lower Upper
70 100
42 42.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.6 17.5 26.3#



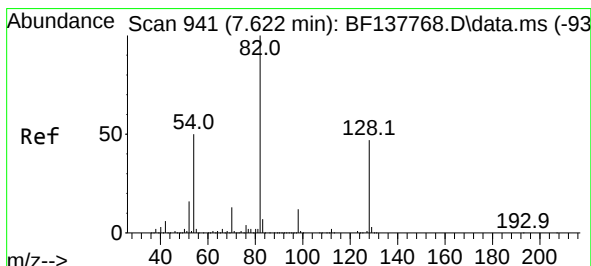
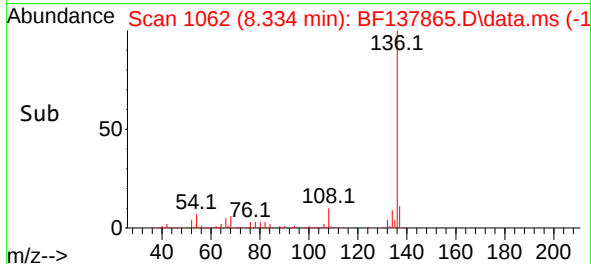
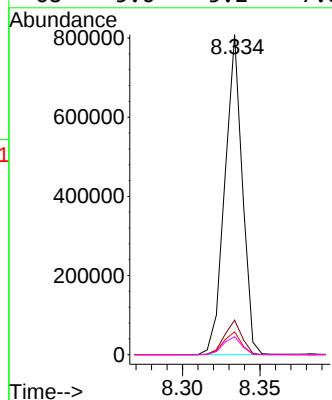
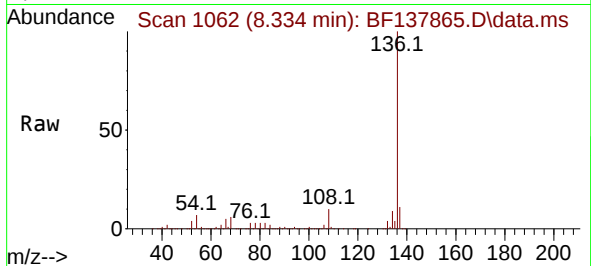


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Instrument :
BNA_F
ClientSampleId :
A2295

Tgt Ion:136 Resp: 634025

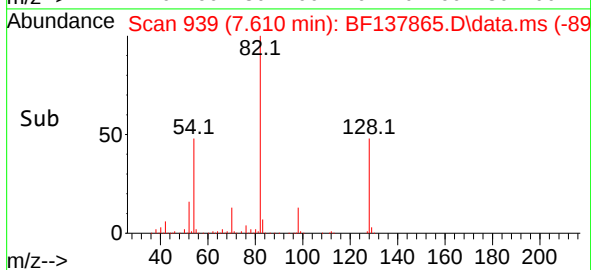
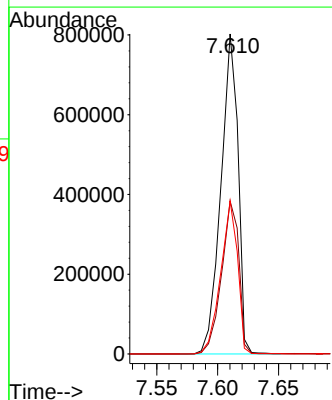
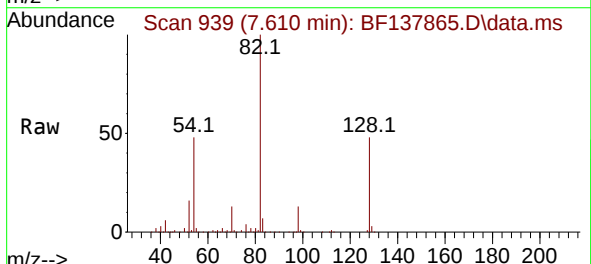
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.8	8.8
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 72.088 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion: 82 Resp: 786700

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.5	56.3
54	47.8	39.8	59.6

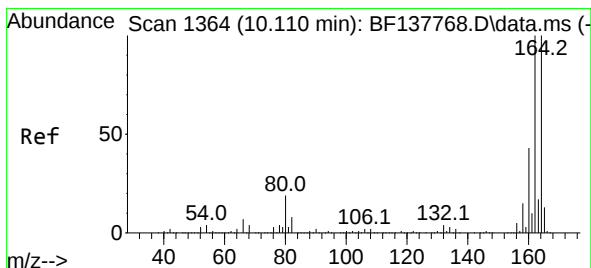
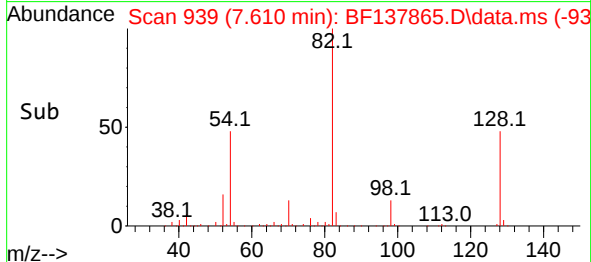
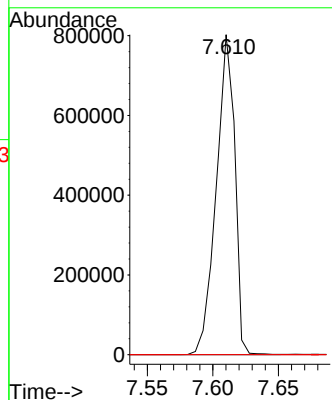
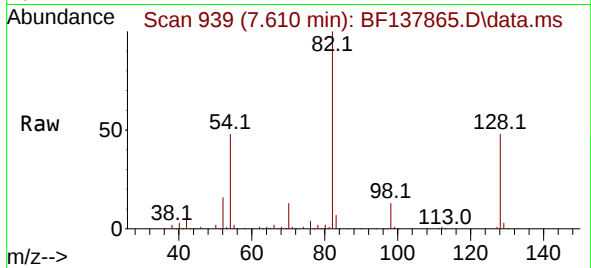




#25
Isophorone
Concen: 39.982 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

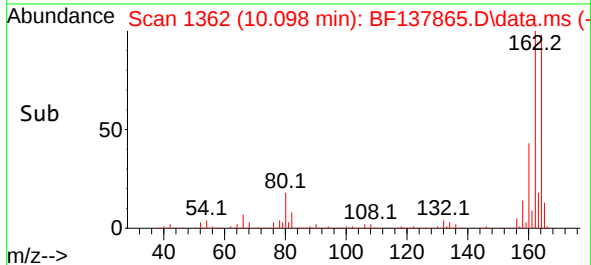
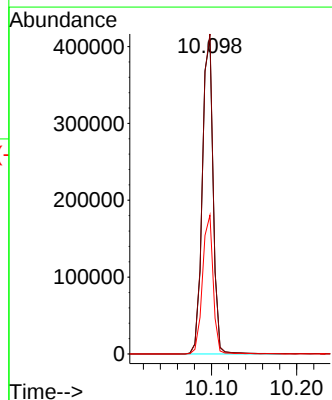
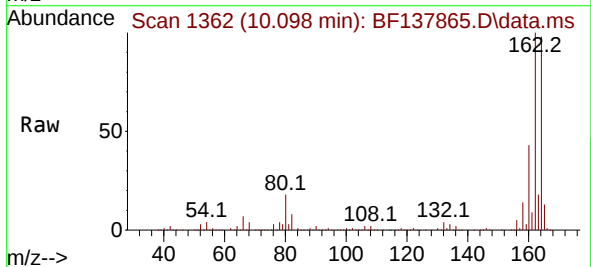
Instrument :
BNA_F
ClientSampleId :
A2295

Tgt Ion: 82 Resp: 786688
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: BF137865.D
Acq: 09 May 2024 15:50

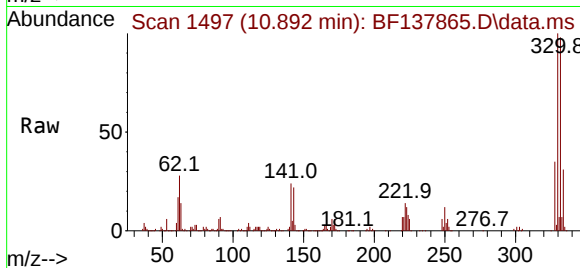
Tgt Ion:164 Resp: 362540
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.6
160 44.0 34.4 51.6



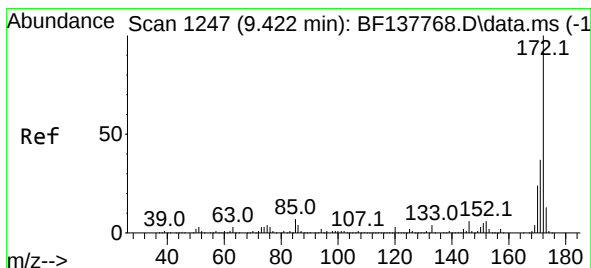
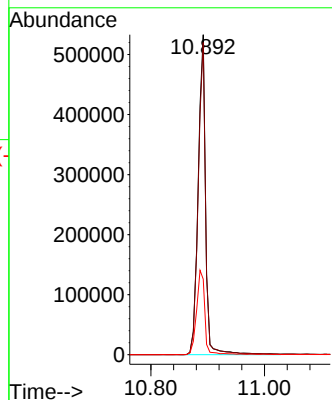
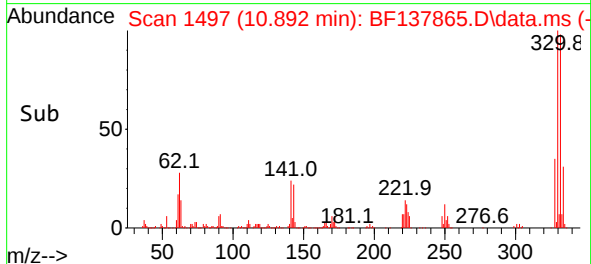


#42
2,4,6-Tribromophenol
Concen: 132.322 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Instrument :
BNA_F
ClientSampleId :
A2295

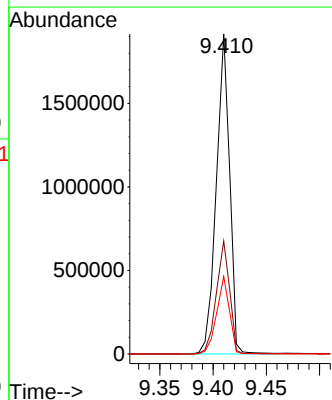
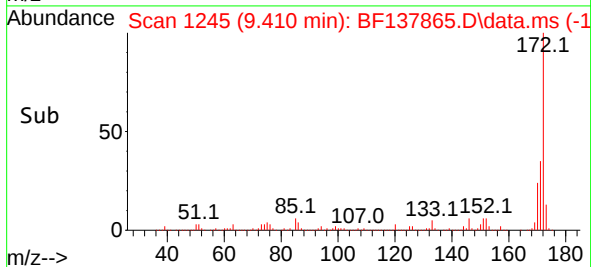
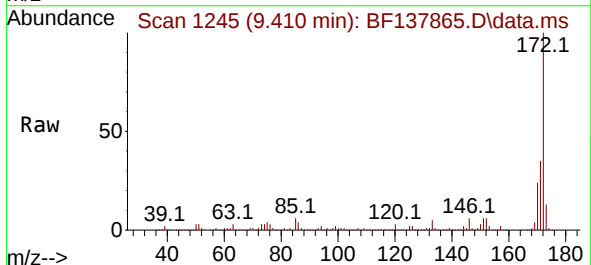


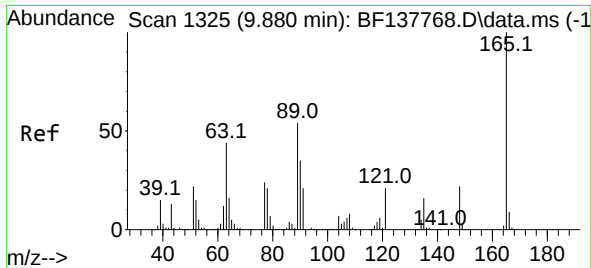
Tgt Ion:330 Resp: 489805
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 29.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 74.566 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion:172 Resp: 1666283
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.2 19.4 29.2

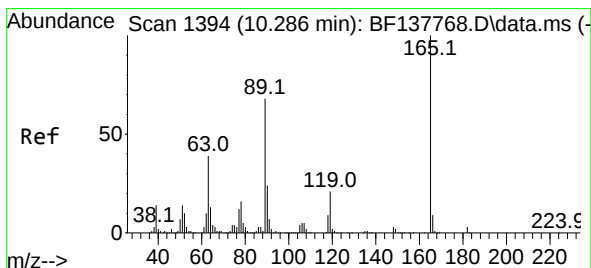
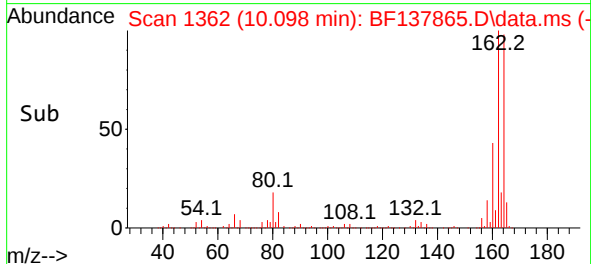
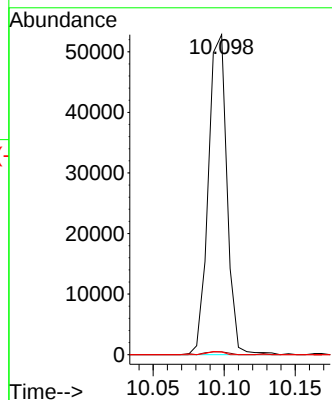
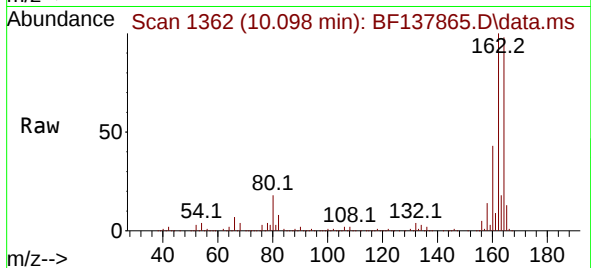




#51
2,6-Dinitrotoluene
Concen: 9.208 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

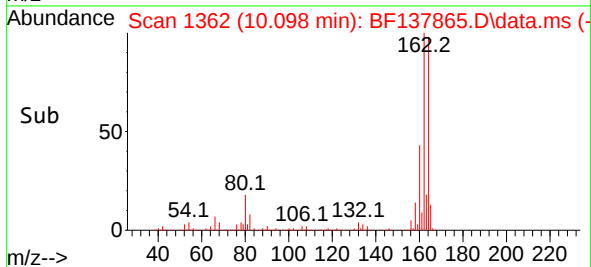
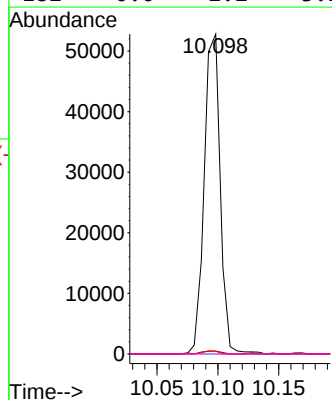
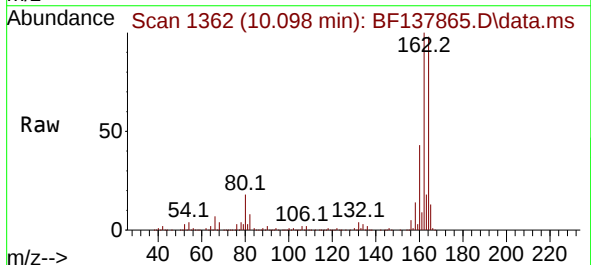
Instrument :
BNA_F
ClientSampleId :
A2295

Tgt Ion:165 Resp: 48159
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion:165 Resp: 48215
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 0.9 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: BF137865.D

Acq: 09 May 2024 15:50

Instrument :

BNA_F

ClientSampleId :

A2295

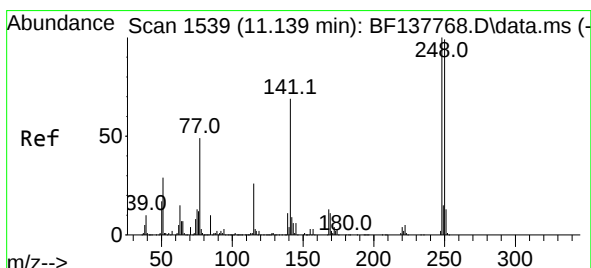
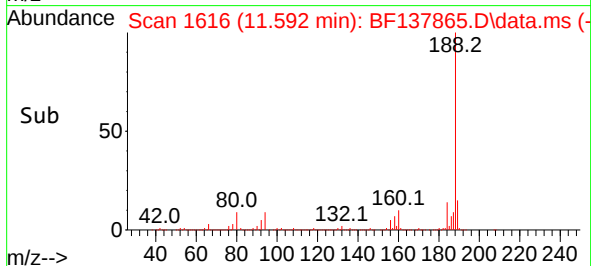
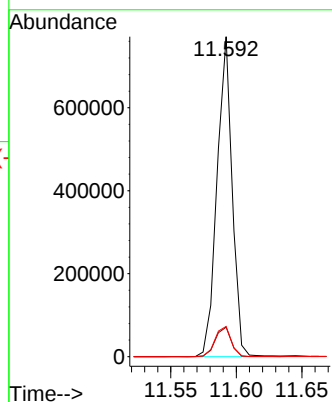
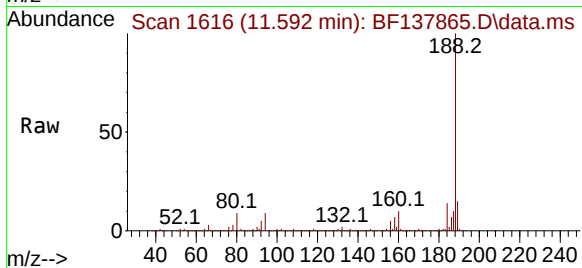
Tgt Ion:188 Resp: 618375

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 9.5 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 4.783 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137865.D

Acq: 09 May 2024 15:50

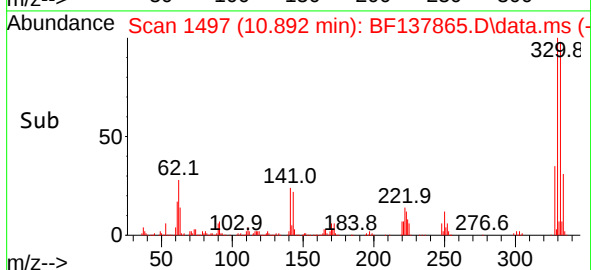
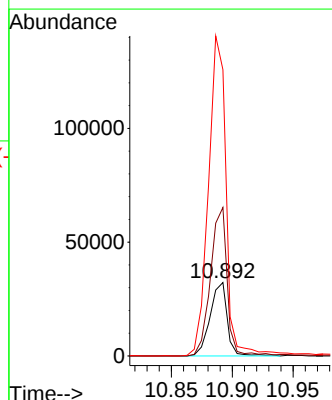
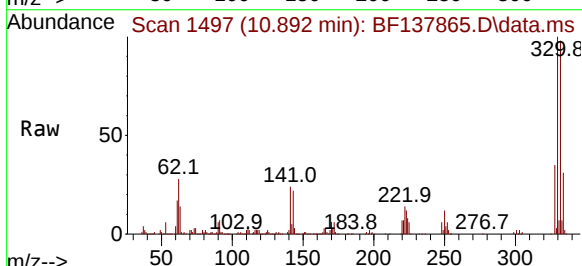
Tgt Ion:248 Resp: 31654

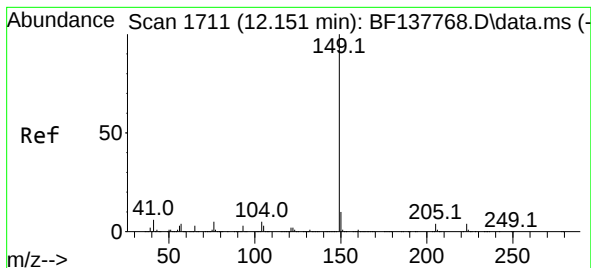
Ion Ratio Lower Upper

248 100

250 202.2 79.1 118.7#

141 389.6 55.4 83.2#





#74

Di-n-butylphthalate

Concen: 28.838 ng

RT: 12.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137865.D

Acq: 09 May 2024 15:50

Instrument :

BNA_F

ClientSampleId :

A2295

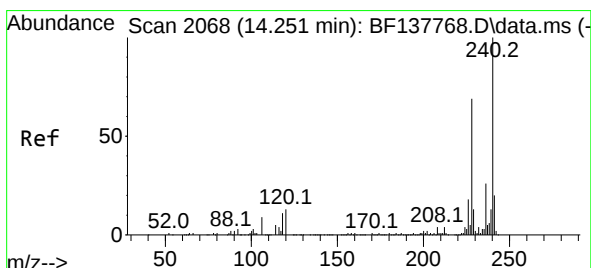
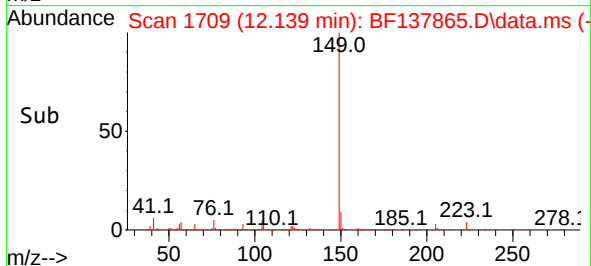
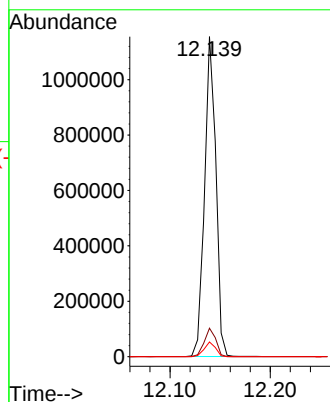
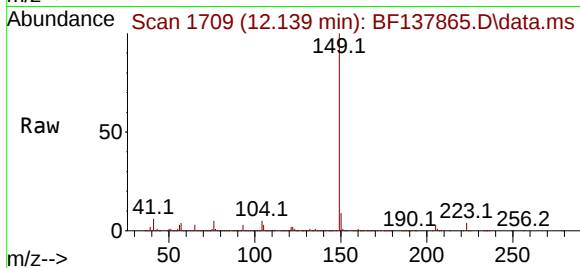
Tgt Ion:149 Resp: 909220

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

104 4.6 3.8 5.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137865.D

Acq: 09 May 2024 15:50

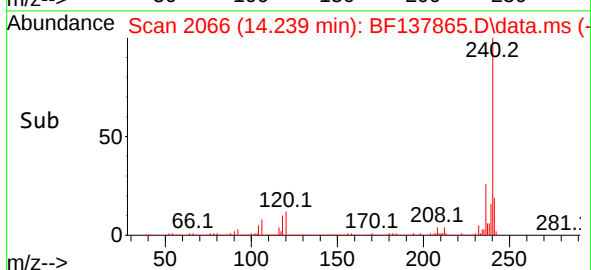
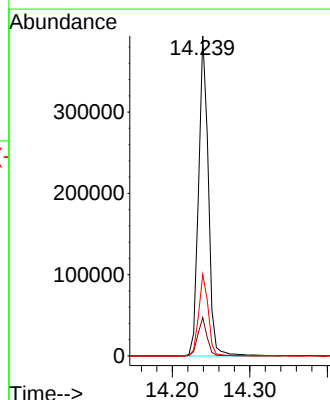
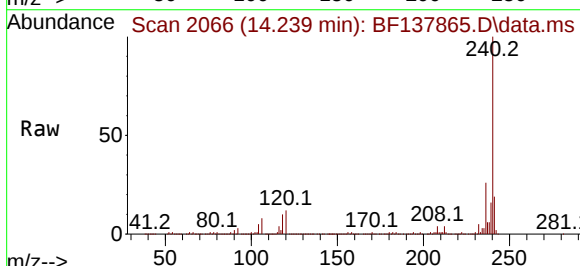
Tgt Ion:240 Resp: 344132

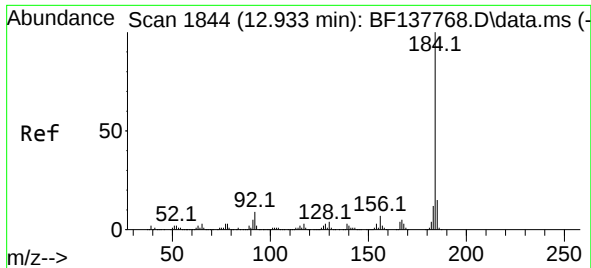
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.5 20.4 30.6

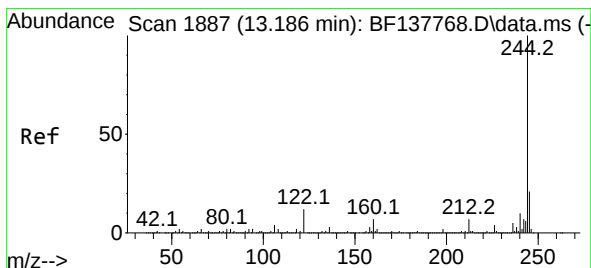
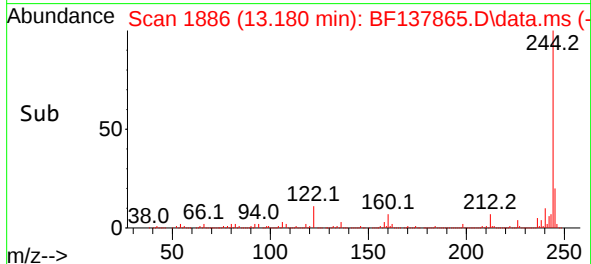
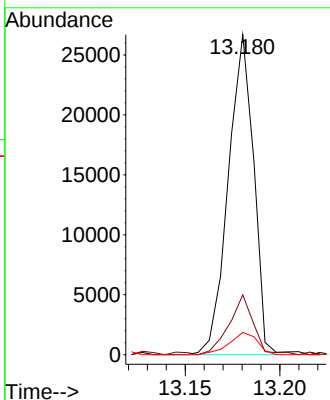
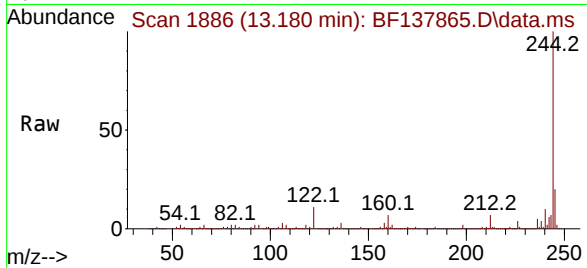




#77
Benzidine
Concen: 3.121 ng
RT: 13.180 min Scan# 1886
Delta R.T. 0.247 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

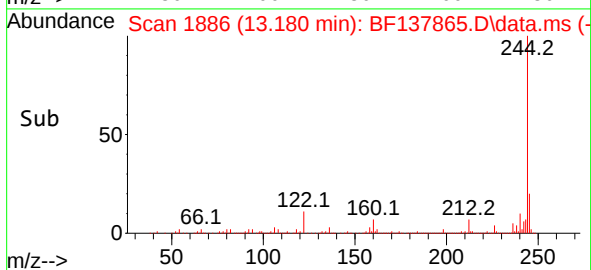
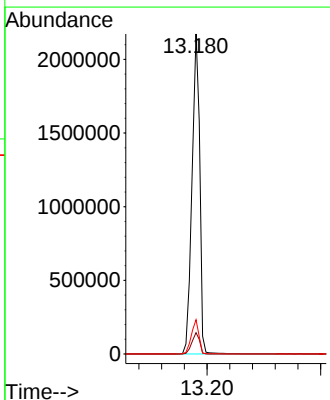
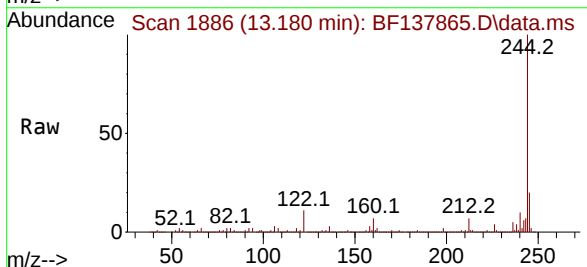
Instrument :
BNA_F
ClientSampleId :
A2295

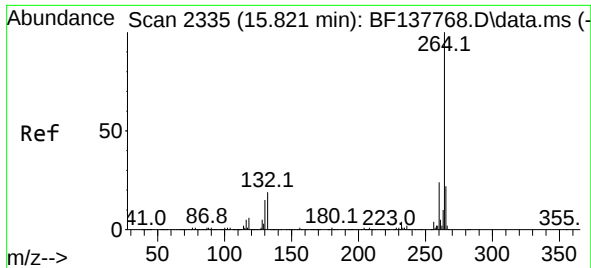
Tgt Ion:184 Resp: 24839
Ion Ratio Lower Upper
184 100
185 18.7 12.3 18.5#
183 6.9 9.2 13.8#



#79
Terphenyl-d14
Concen: 100.798 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137865.D
Acq: 09 May 2024 15:50

Tgt Ion:244 Resp: 2069856
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.7 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: BF137865.D
 Acq: 09 May 2024 15:50

Instrument :
 BNA_F
 ClientSampleId :
 A2295

Tgt Ion:264 Resp: 312513
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 21.7 17.4 26.0

