

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137852.D
 Acq On : 08 May 2024 13:41
 Operator : CG\JU
 Sample : P2411-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Quant Time: May 08 14:14:22 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)

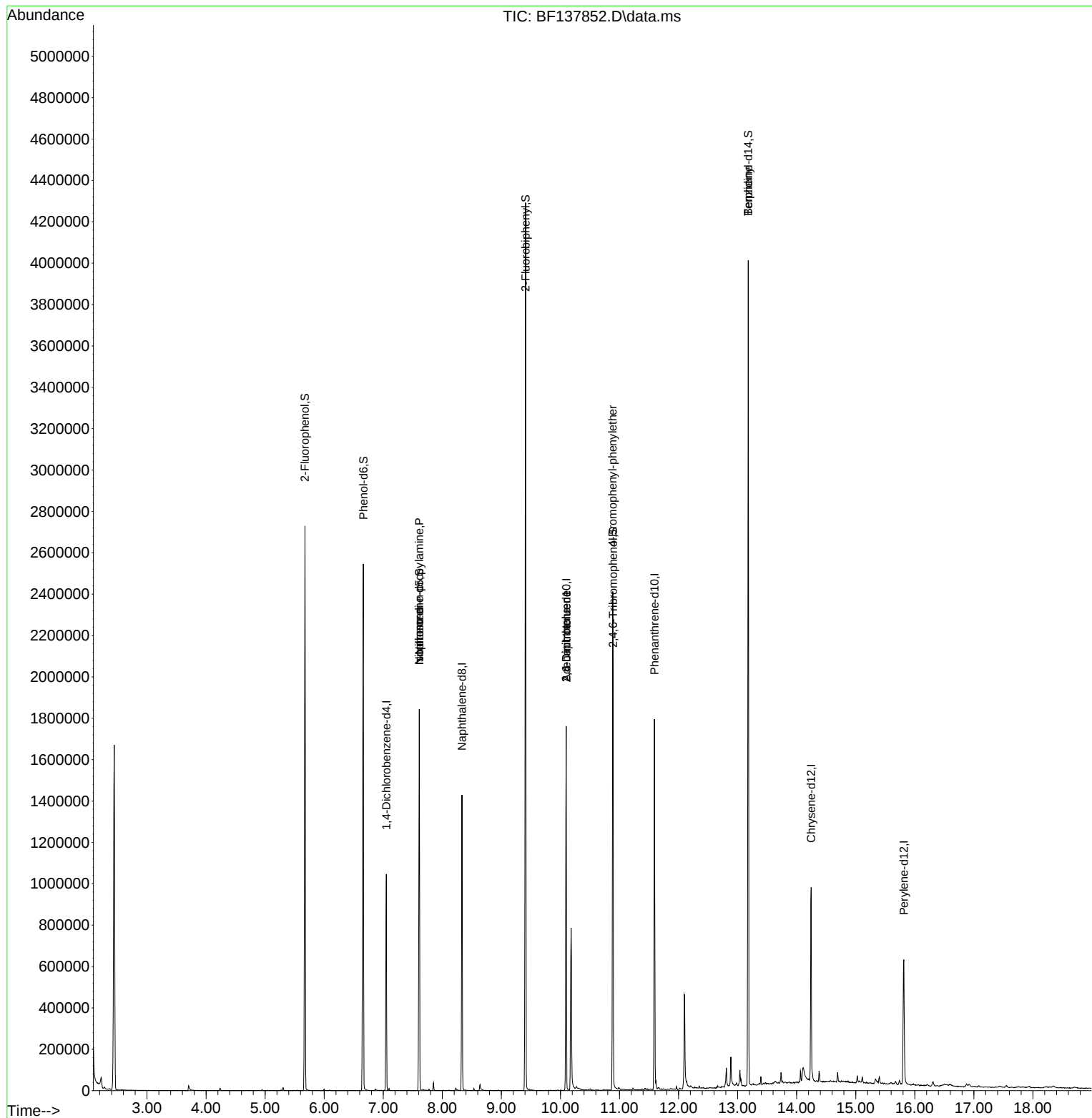
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	150615	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	599335	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	352885	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	595442	20.000	ng	0.00
76) Chrysene-d12	14.245	240	322624	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	302234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	774749	86.124	ng	0.00
7) Phenol-d6	6.663	99	975530	85.496	ng	-0.01
23) Nitrobenzene-d5	7.610	82	597138	57.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	314260	87.221	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1277970	58.754	ng	-0.01
79) Terphenyl-d14	13.180	244	1335654	69.380	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	78050	11.446	ng	# 76
25) Isophorone	7.610	82	597133	32.105	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	45634	8.964	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	45634	6.861	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	20235	3.175	ng	# 1
77) Benzidine	13.180	184	16347	2.191	ng	# 92

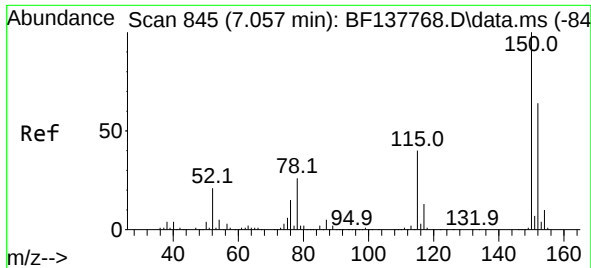
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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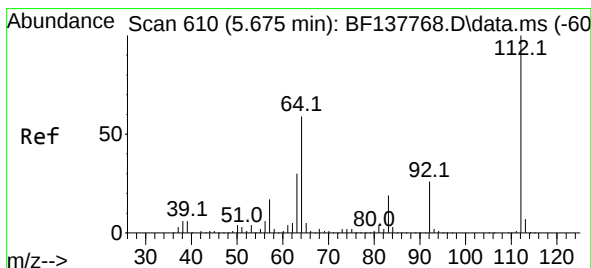
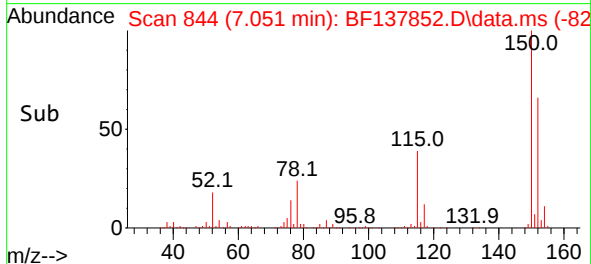
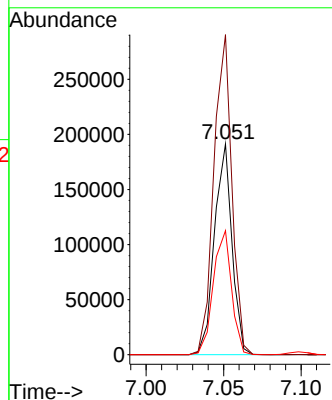
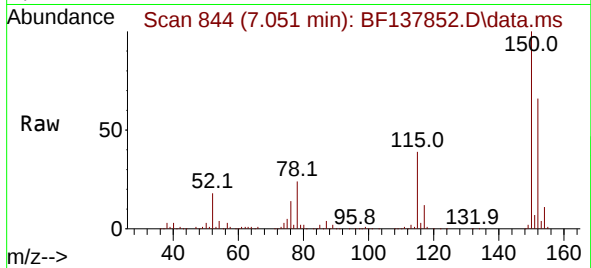




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

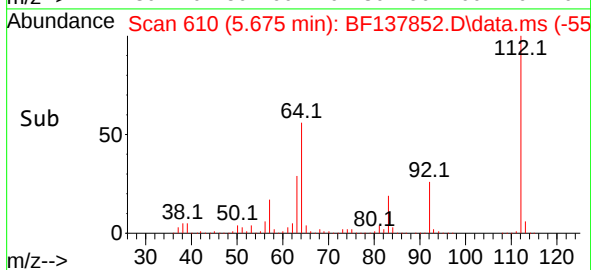
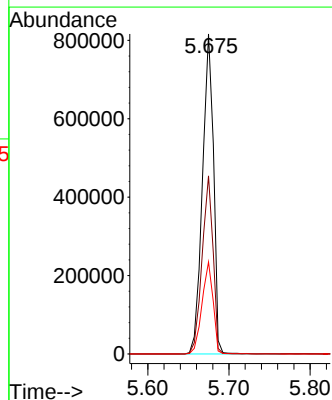
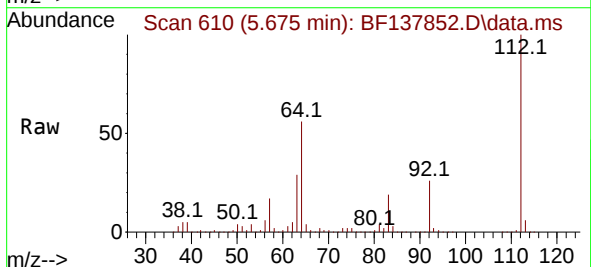
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion:152 Resp: 150615
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 58.8 49.1 73.7



#5
2-Fluorophenol
Concen: 86.124 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion:112 Resp: 774749
Ion Ratio Lower Upper
112 100
64 55.6 47.3 70.9
63 28.8 23.7 35.5

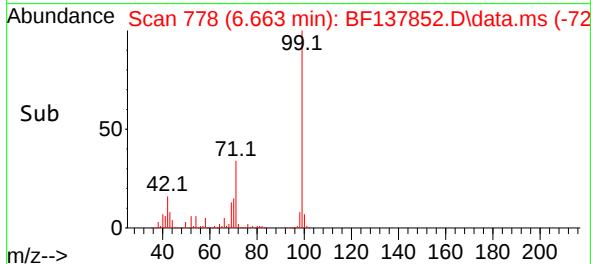
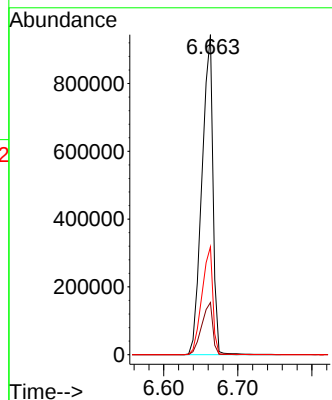
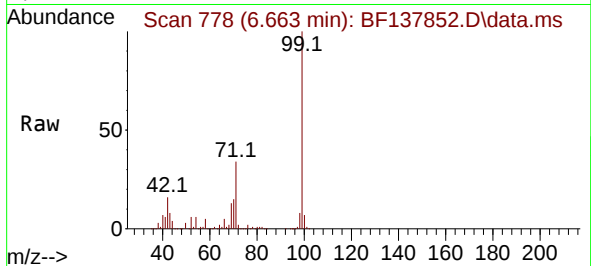




#7
Phenol-d6
Concen: 85.496 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

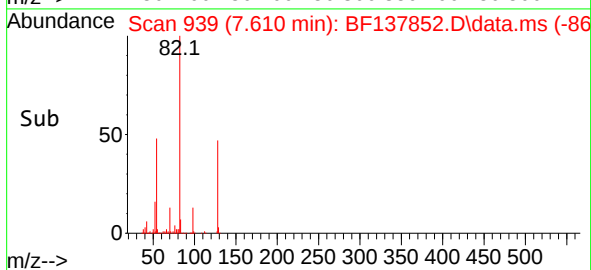
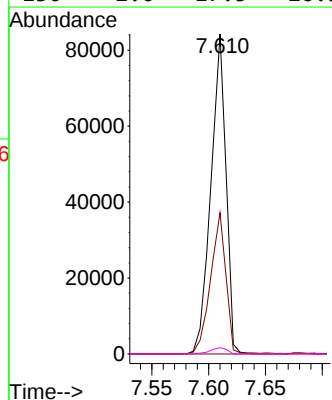
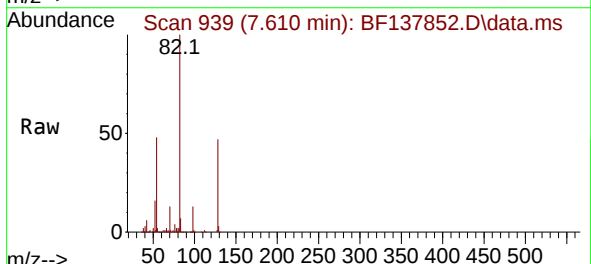
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

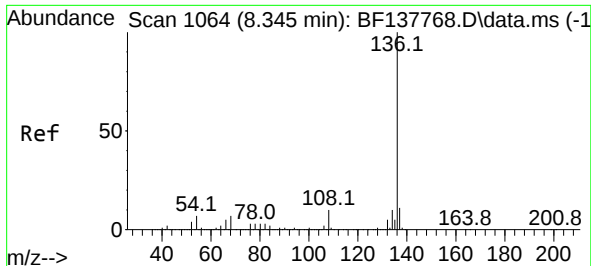
Tgt Ion: 99 Resp: 975530
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 33.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.446 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion: 70 Resp: 78050
Ion Ratio Lower Upper
70 100
42 44.1 44.6 66.8#
101 0.0 7.8 11.6#
130 2.0 17.5 26.3#



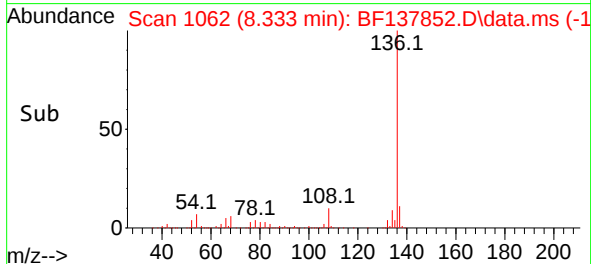
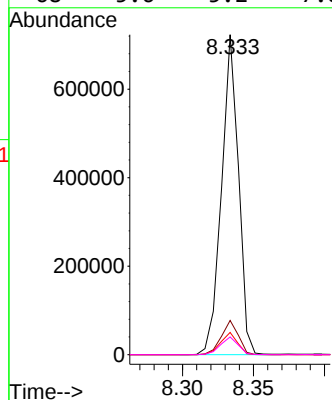
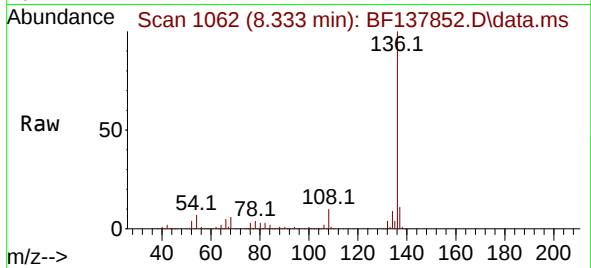


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion:136 Resp: 599335

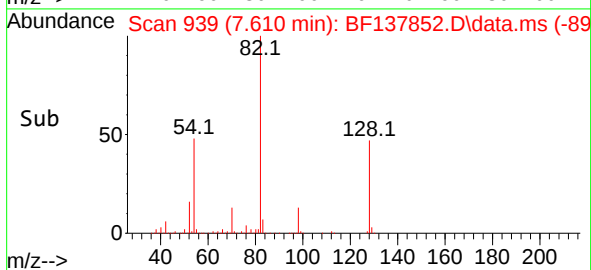
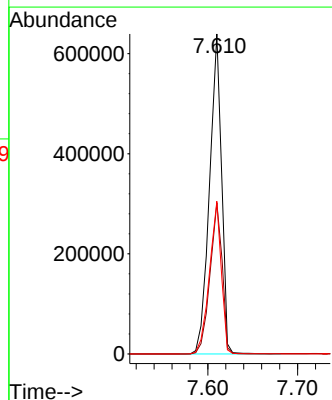
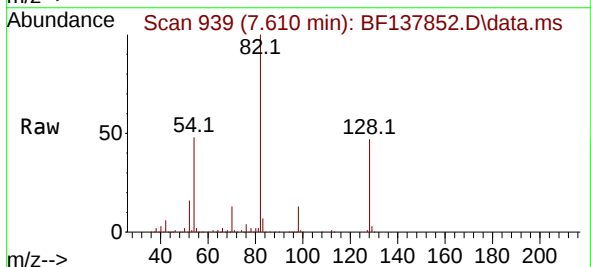
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.8	8.8
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 57.885 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion: 82 Resp: 597138

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.5	56.3
54	47.7	39.8	59.6

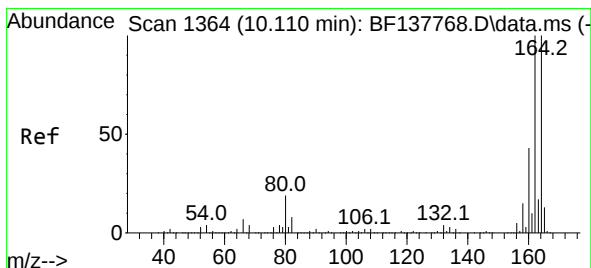
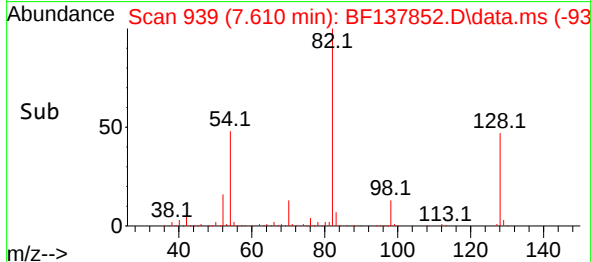
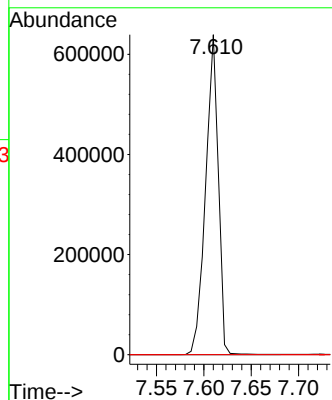
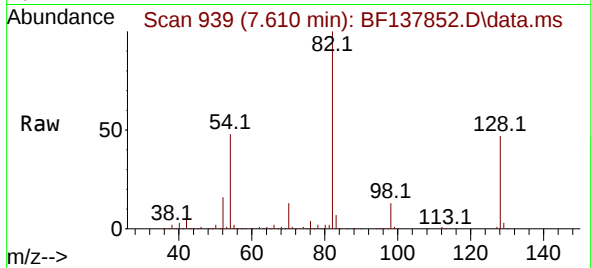




#25
Isophorone
Concen: 32.105 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

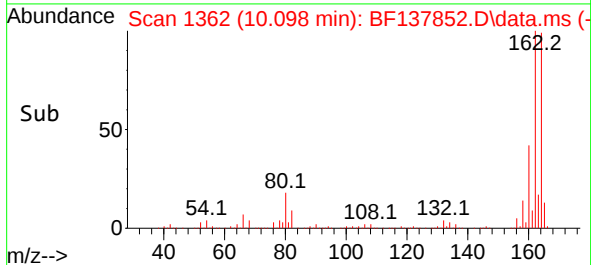
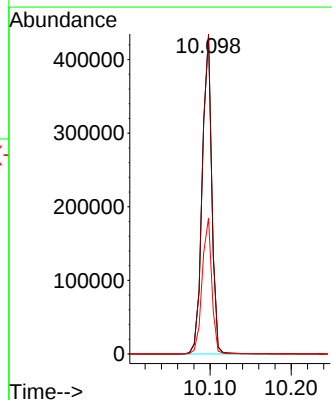
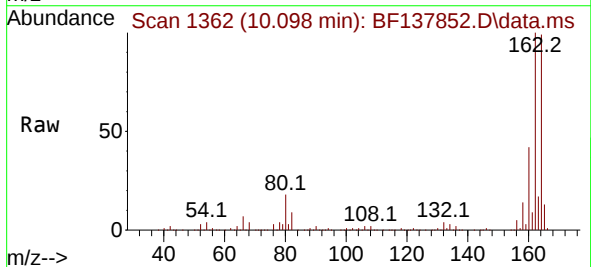
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion: 82 Resp: 597133
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: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion:164 Resp: 352885
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 87.221 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

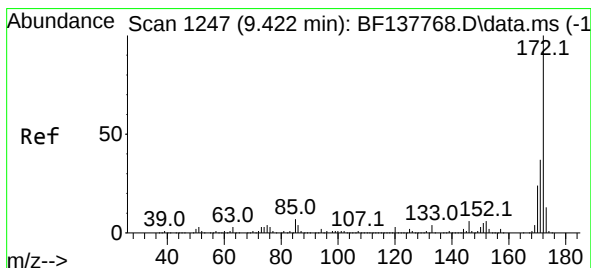
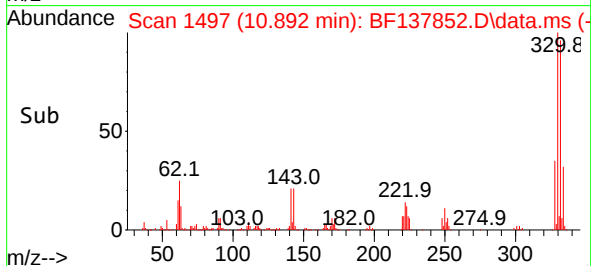
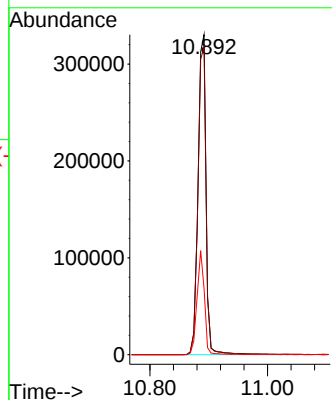
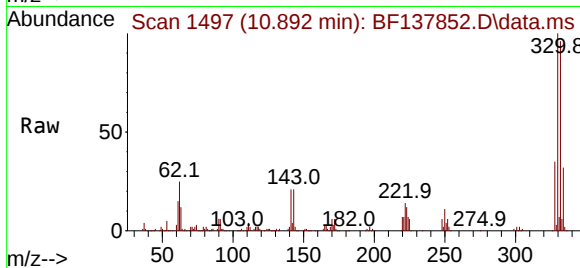
Tgt Ion:330 Resp: 314260

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 58.754 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

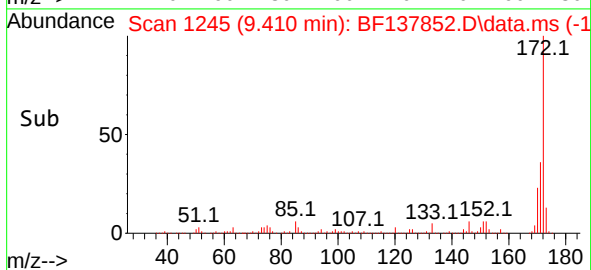
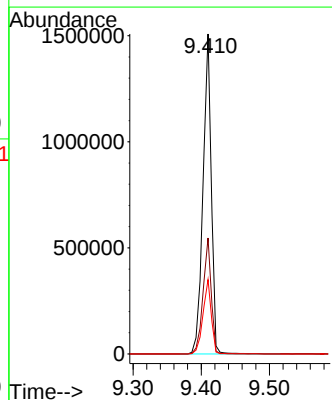
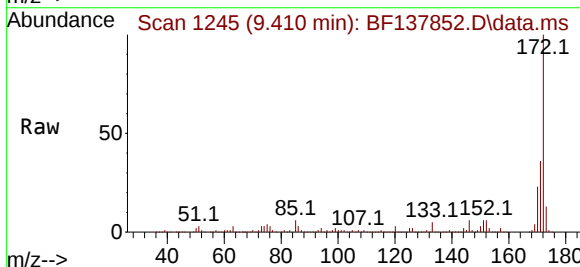
Tgt Ion:172 Resp: 1277970

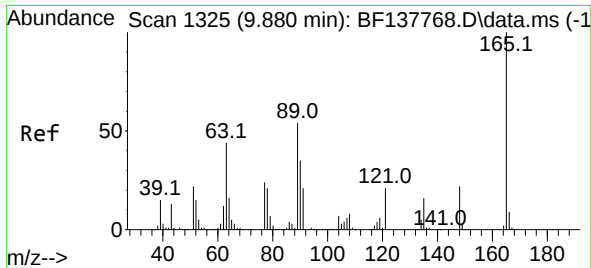
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.3 19.4 29.2

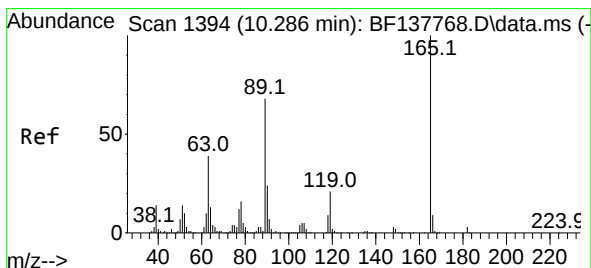
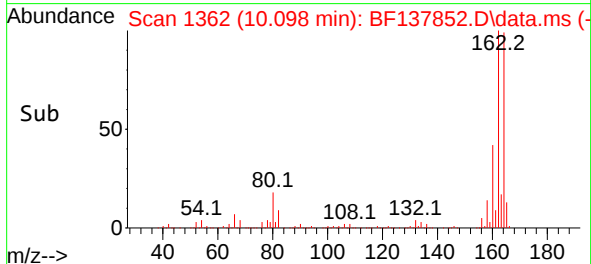
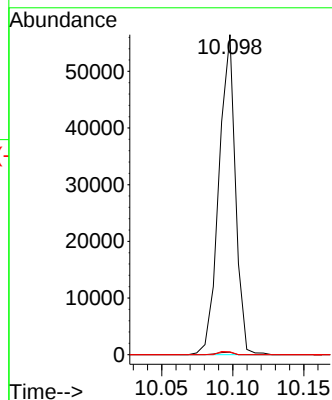
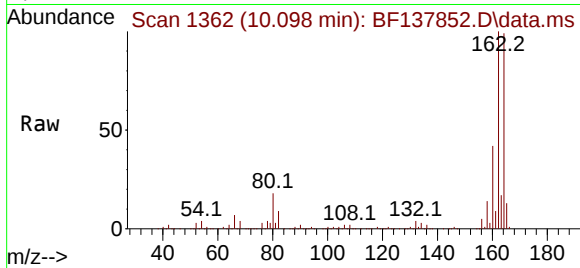




#51
2,6-Dinitrotoluene
Concen: 8.964 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

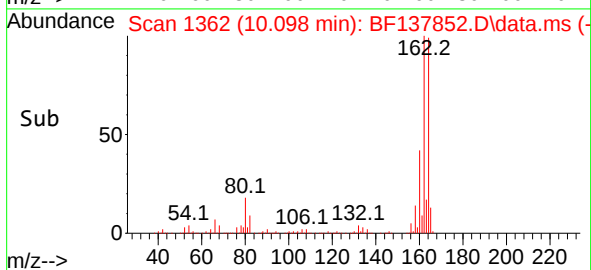
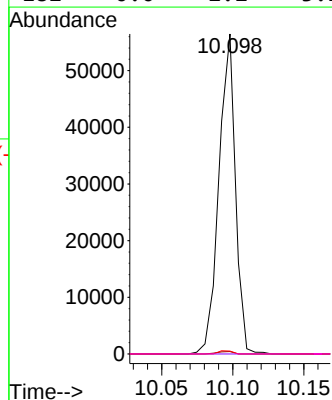
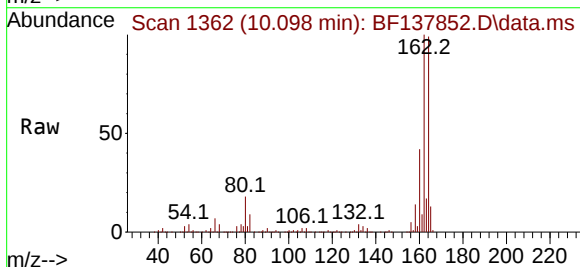
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion:165 Resp: 45634
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.861 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion:165 Resp: 45634
Ion Ratio Lower Upper
165 100
63 0.8 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: BF137852.D

Acq: 08 May 2024 13:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

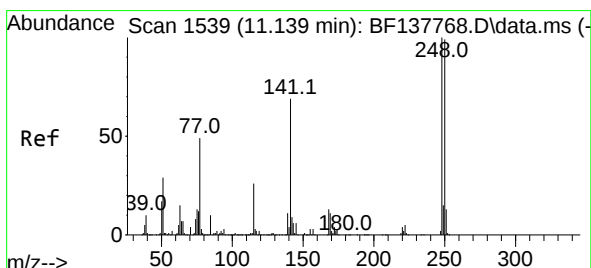
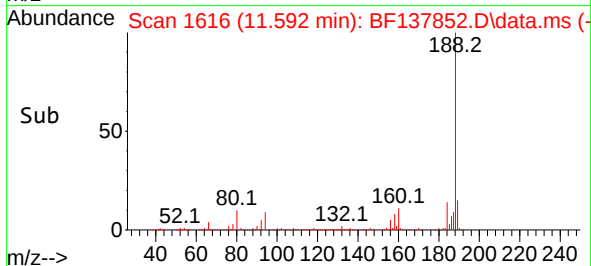
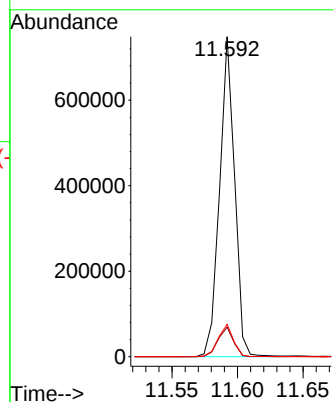
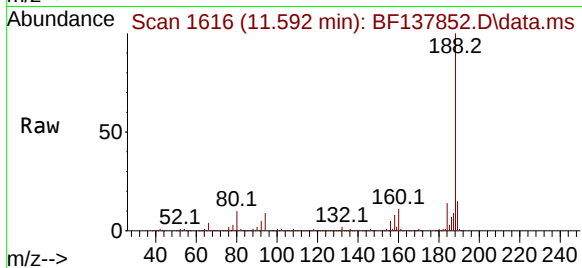
Tgt Ion:188 Resp: 595442

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 10.1 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.175 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

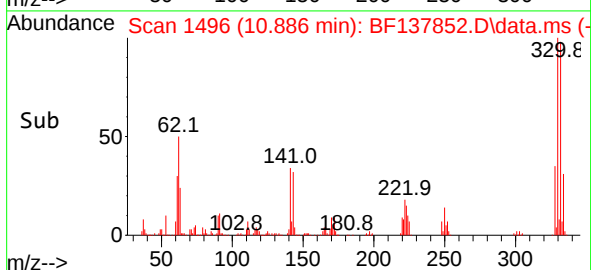
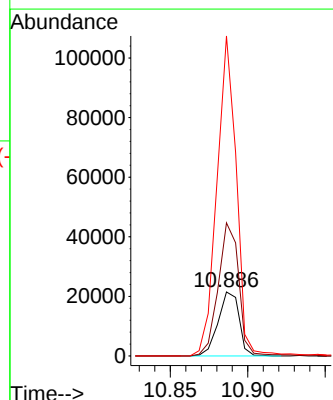
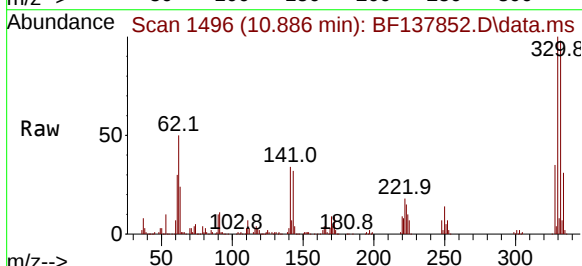
Tgt Ion:248 Resp: 20235

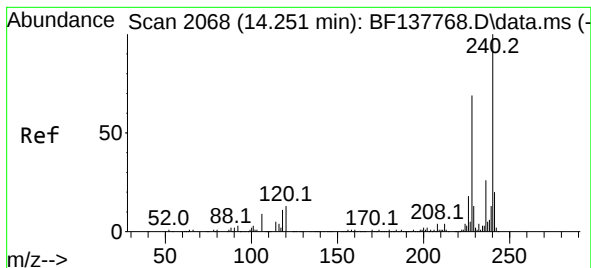
Ion Ratio Lower Upper

248 100

250 207.7 79.1 118.7#

141 499.4 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

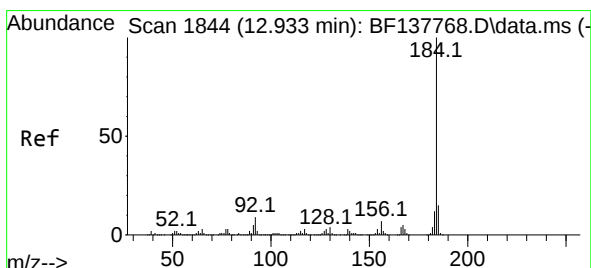
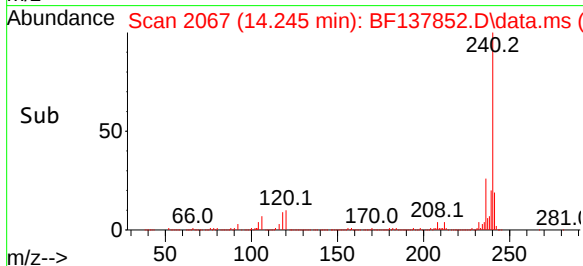
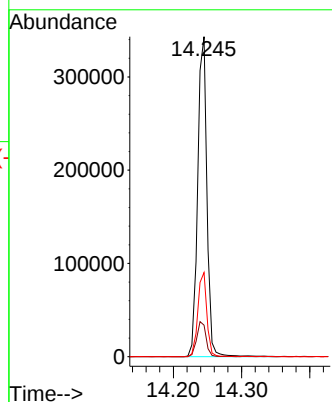
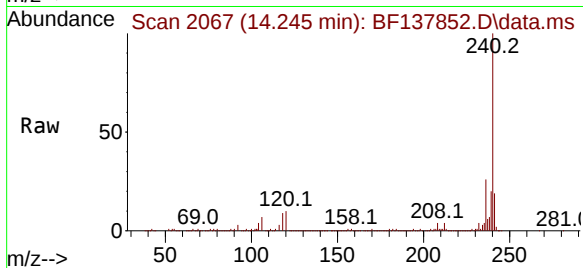
Tgt Ion:240 Resp: 322624

Ion Ratio Lower Upper

240 100

120 9.8 10.4 15.6#

236 26.3 20.4 30.6



#77

Benzidine

Concen: 2.191 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

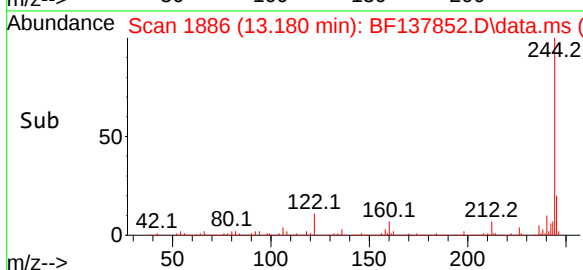
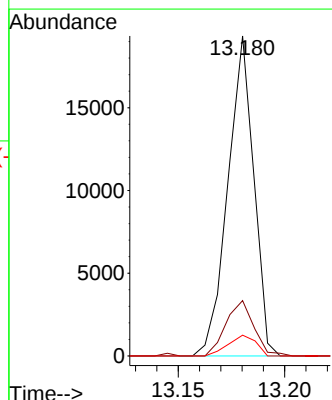
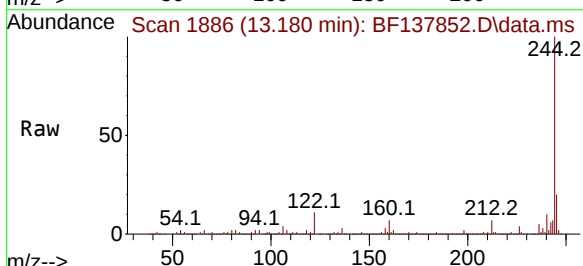
Tgt Ion:184 Resp: 16347

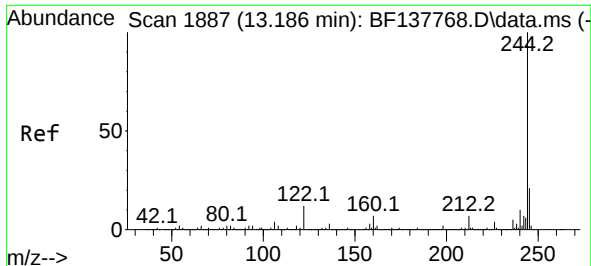
Ion Ratio Lower Upper

184 100

185 17.3 12.3 18.5

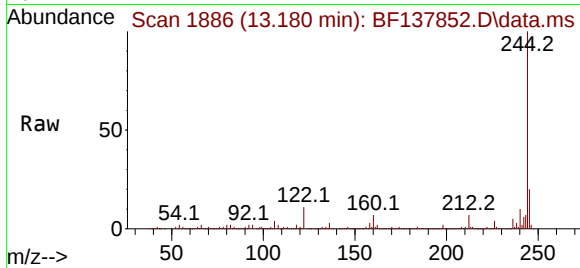
183 6.5 9.2 13.8#



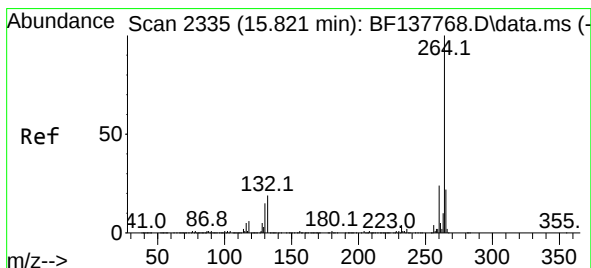
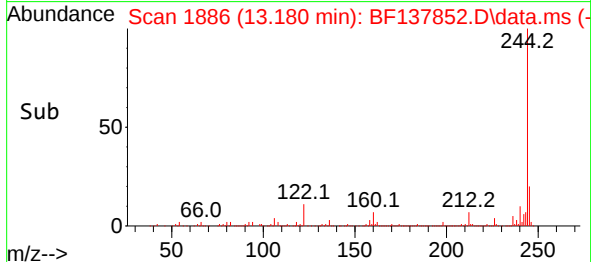
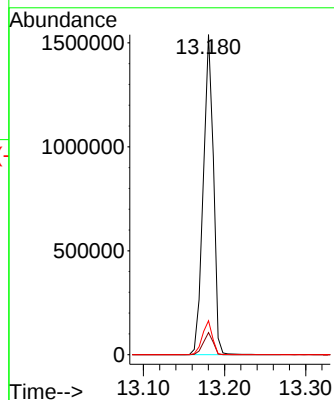


#79
 Terphenyl-d14
 Concen: 69.380 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137852.D
 Acq: 08 May 2024 13:41

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA



Tgt Ion:244 Resp: 1335654
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137852.D
 Acq: 08 May 2024 13:41

Tgt Ion:264 Resp: 302234
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 20.2 17.4 26.0

