

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137886.D
 Acq On : 10 May 2024 17:52
 Operator : CG\JU
 Sample : P2422-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-D

Quant Time: May 11 00:39:56 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)

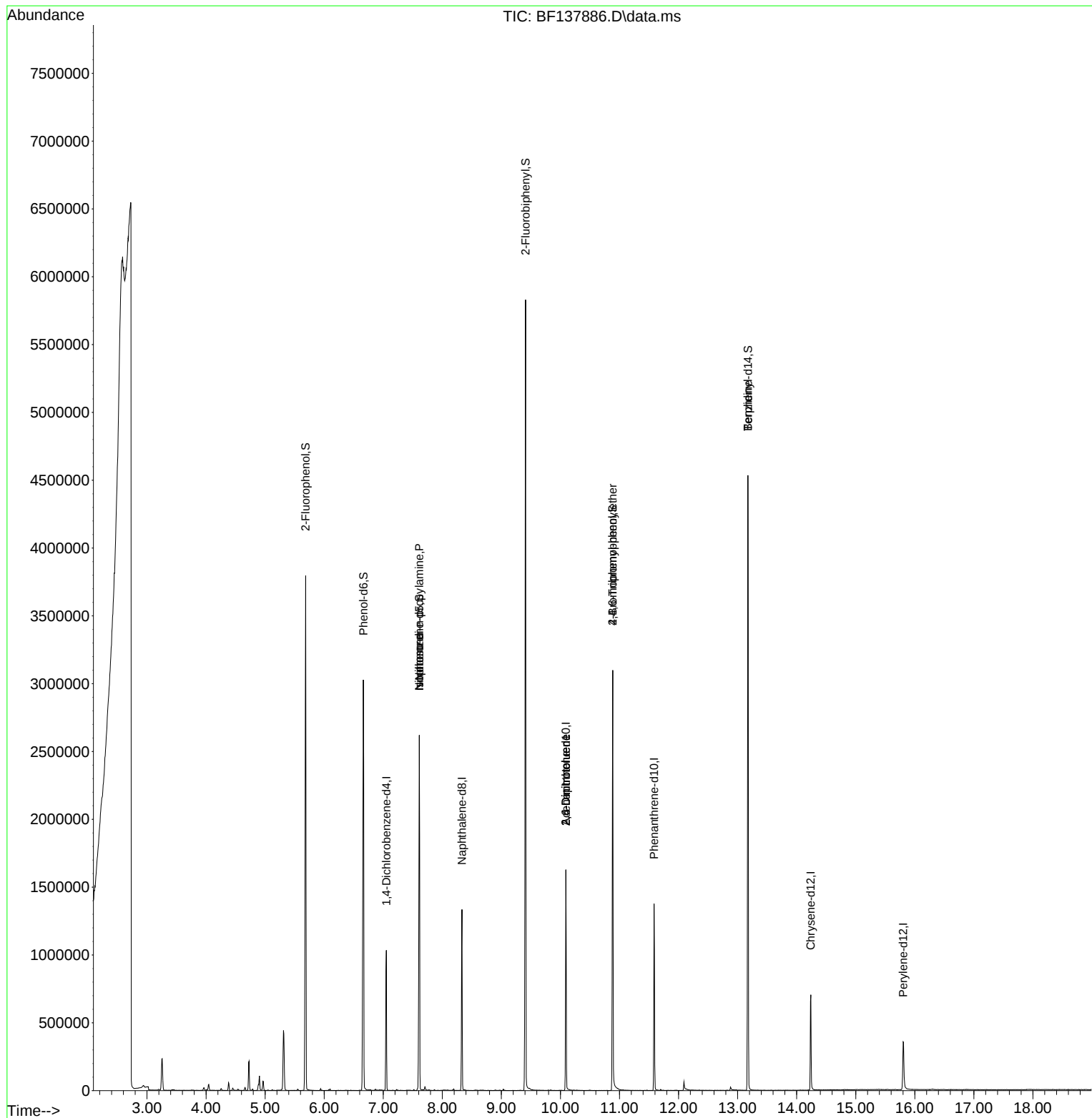
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	150603	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	580589	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	323155	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	481750	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	261520	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	201430	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1126196	125.202	ng	0.01
7) Phenol-d6	6.663	99	1283106	112.461	ng	-0.01
23) Nitrobenzene-d5	7.610	82	897485	89.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	404275	122.526	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1837263	92.238	ng	-0.01
79) Terphenyl-d14	13.174	244	1581592	101.351	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	118974	17.449	ng	# 77
25) Isophorone	7.610	82	897475	49.810	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	41748	8.955	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	41748	6.854	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	26224	5.086	ng	# 1
77) Benzidine	13.174	184	18856	3.118	ng	# 93

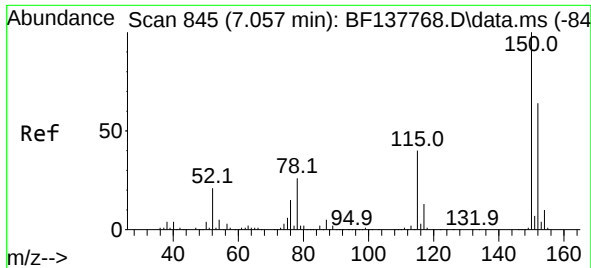
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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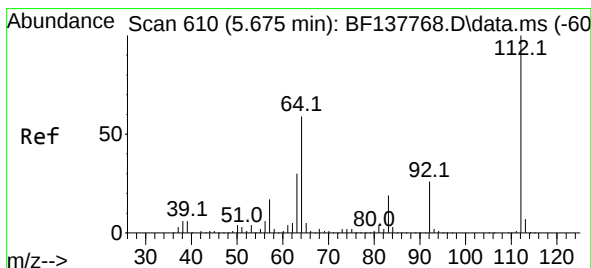
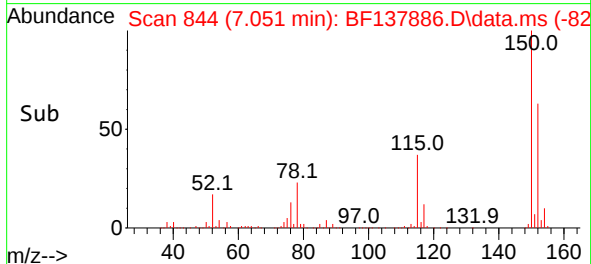
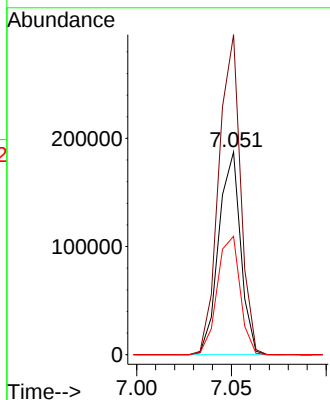
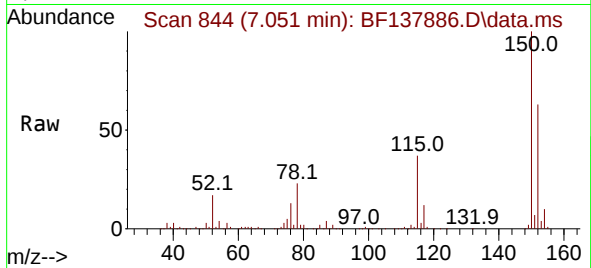




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

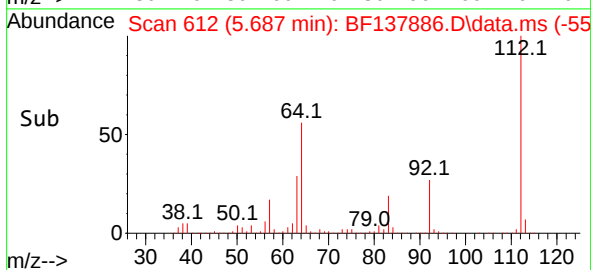
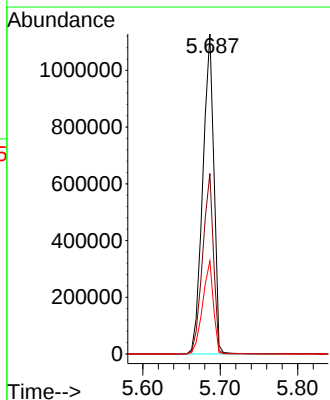
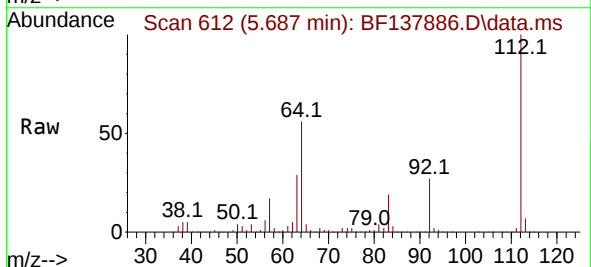
Instrument :
BNA_F
ClientSampleId :
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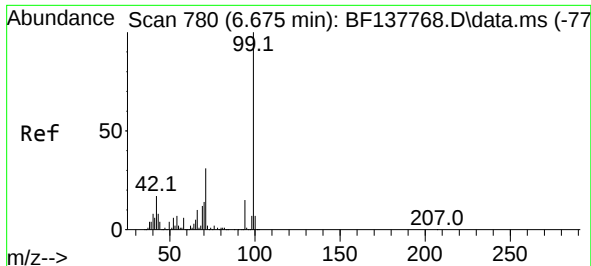
Tgt Ion:152 Resp: 150603
Ion Ratio Lower Upper
152 100
150 157.8 124.1 186.1
115 58.4 49.1 73.7



#5
2-Fluorophenol
Concen: 125.202 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:112 Resp: 1126196
Ion Ratio Lower Upper
112 100
64 56.4 47.3 70.9
63 29.0 23.7 35.5

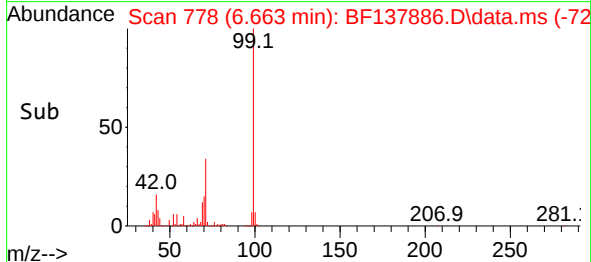
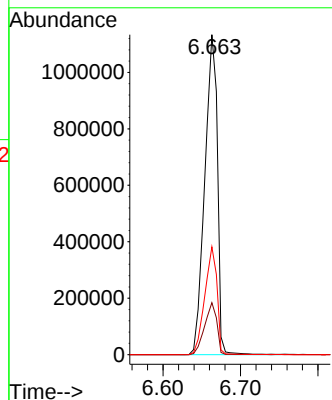
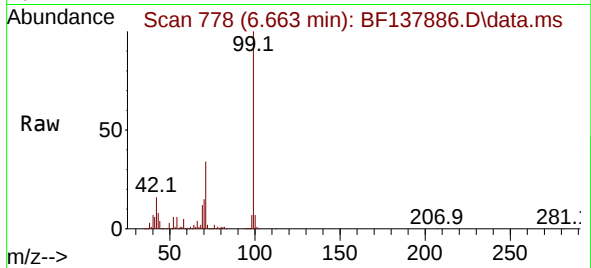




#7
Phenol-d6
Concen: 112.461 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

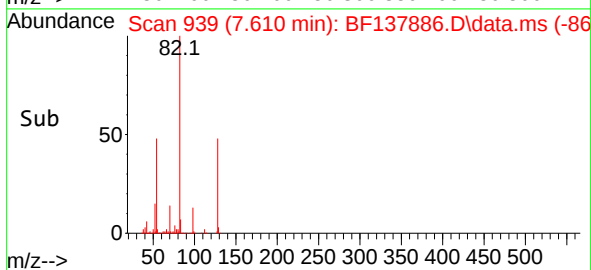
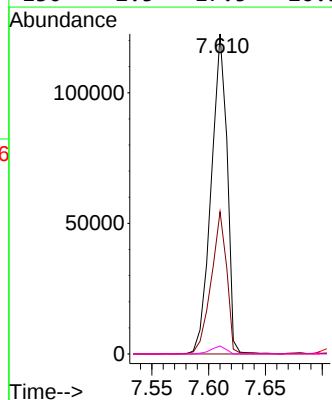
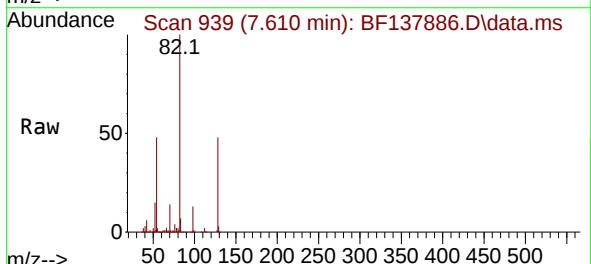
Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

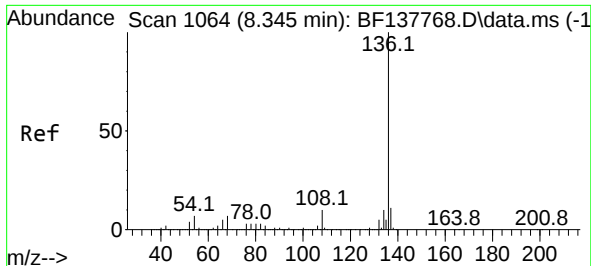
Tgt Ion: 99 Resp: 1283106
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 33.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.449 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion: 70 Resp: 118974
Ion Ratio Lower Upper
70 100
42 44.4 44.6 66.8#
101 0.0 7.8 11.6#
130 2.5 17.5 26.3#



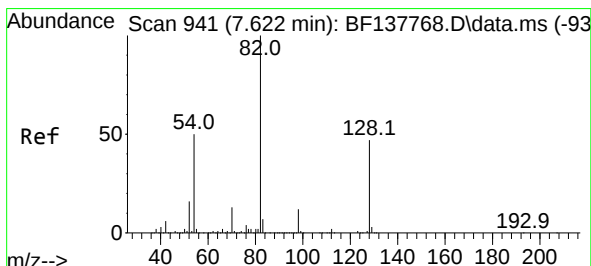
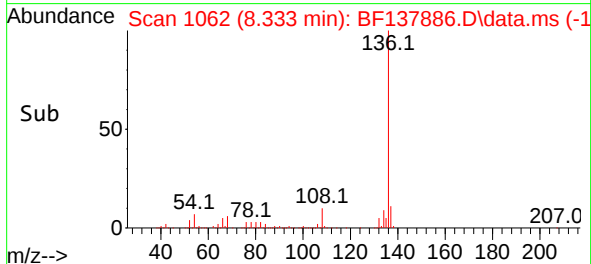
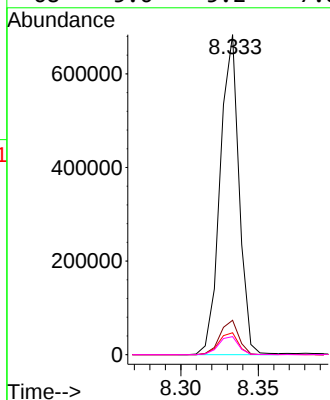
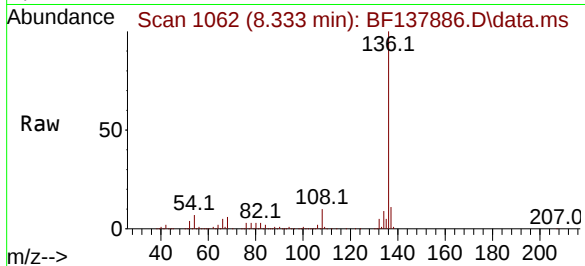


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

Tgt Ion:136 Resp: 580589

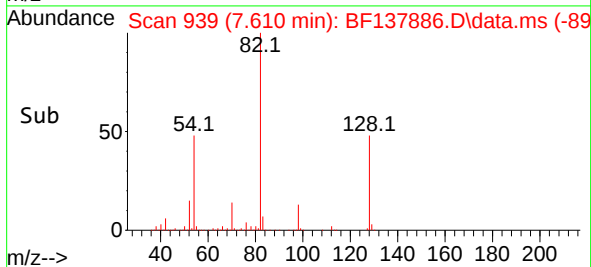
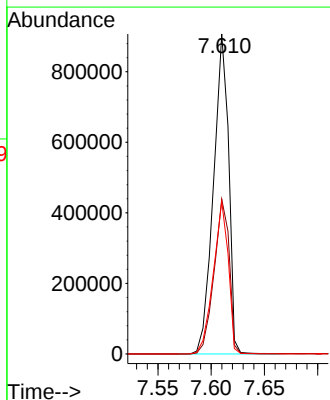
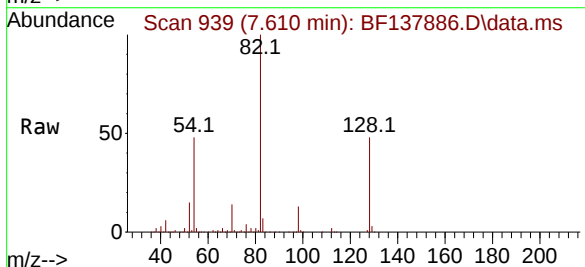
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.8	8.8
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 89.809 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion: 82 Resp: 897485

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.5	56.3
54	47.7	39.8	59.6

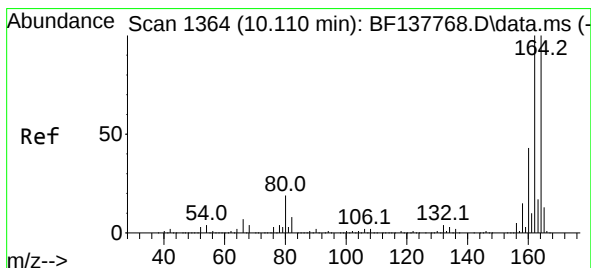
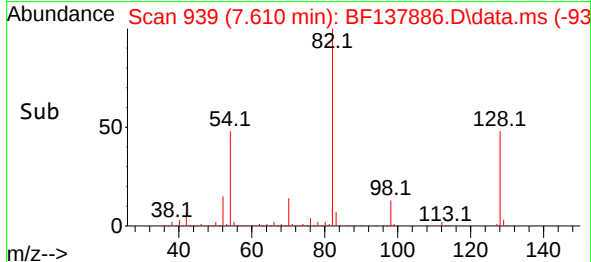
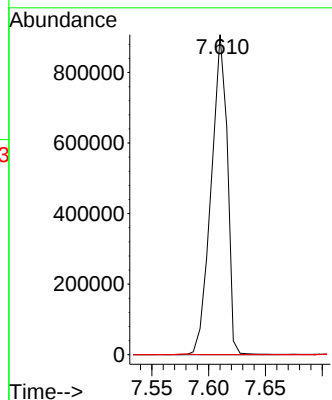
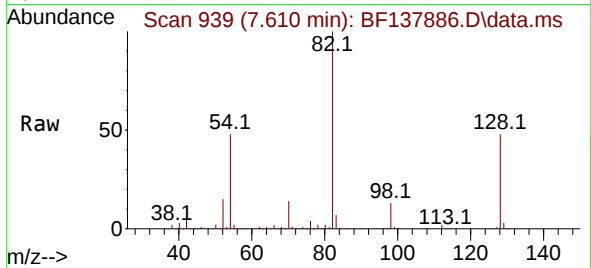




#25
Isophorone
Concen: 49.810 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

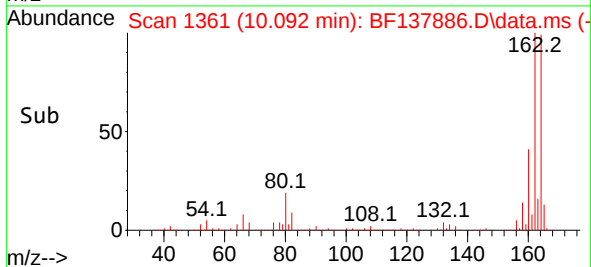
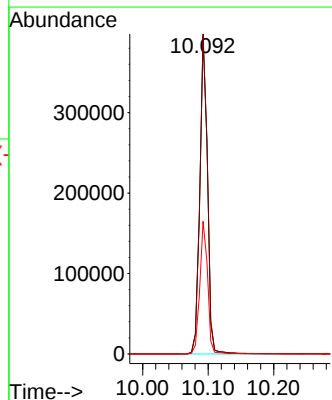
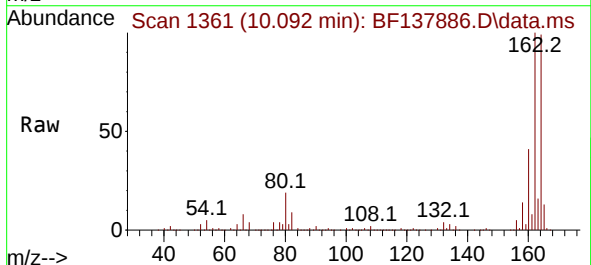
Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

Tgt Ion: 82 Resp: 897475
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: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

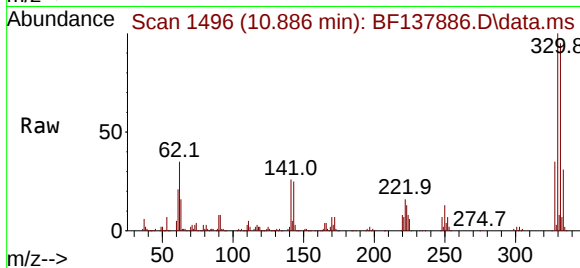
Tgt Ion:164 Resp: 323155
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.6
160 41.8 34.4 51.6



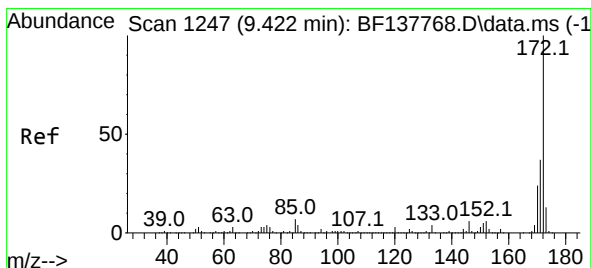
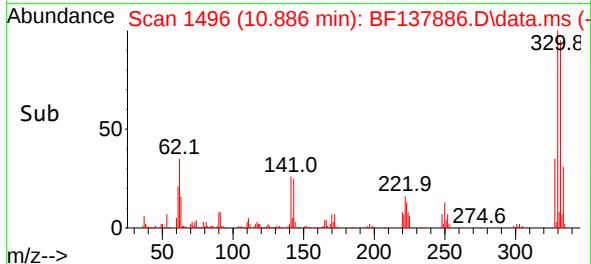
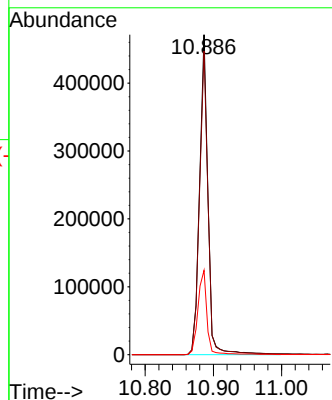


#42
2,4,6-Tribromophenol
Concen: 122.526 ng
RT: 10.886 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

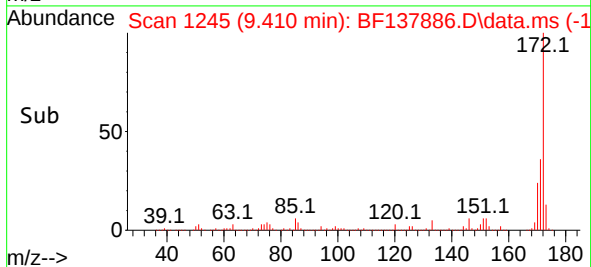
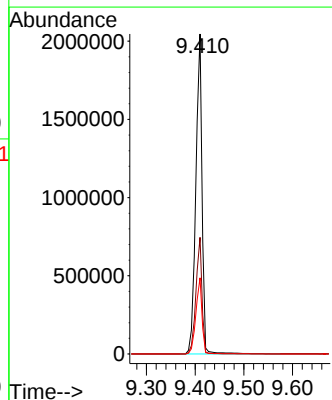
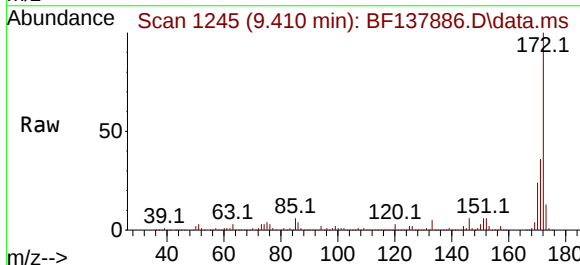


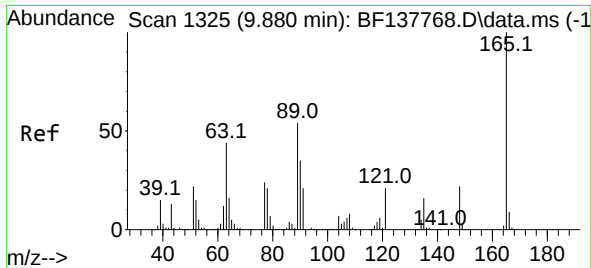
Tgt Ion:330 Resp: 404275
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 92.238 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:172 Resp: 1837263
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.4 29.2

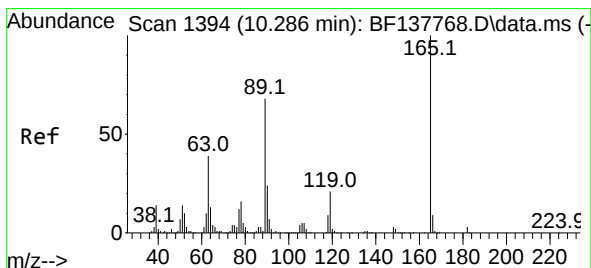
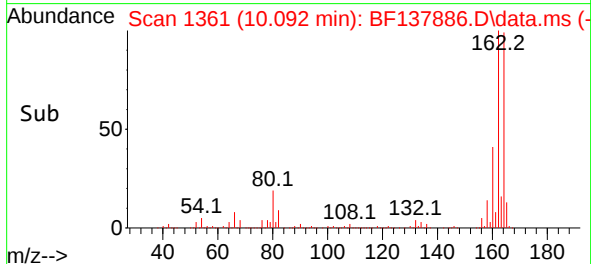
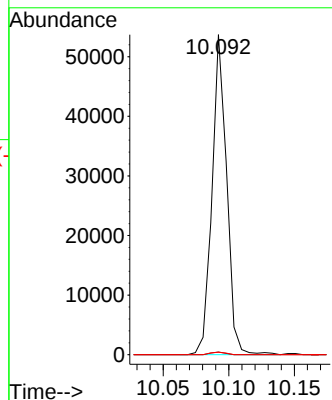
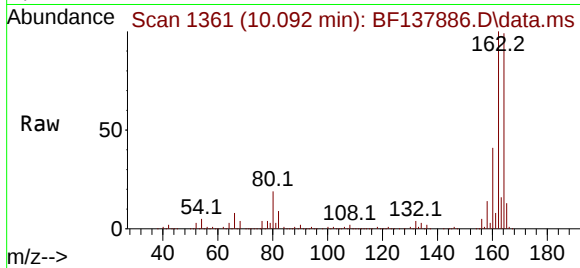




#51
2,6-Dinitrotoluene
Concen: 8.955 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

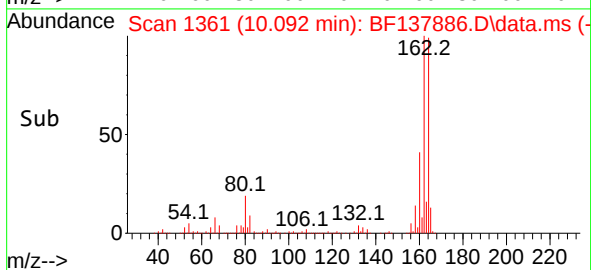
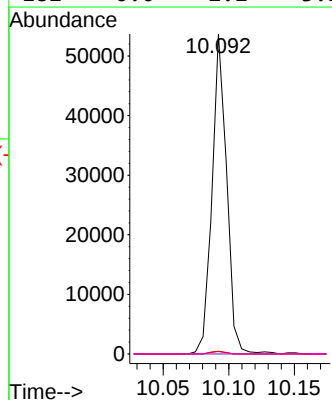
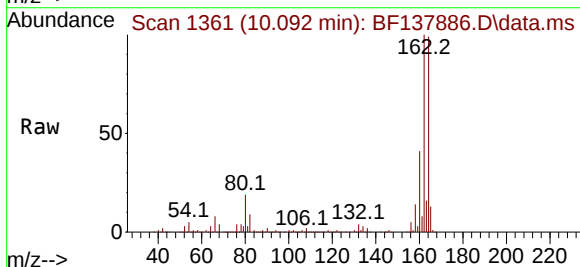
Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

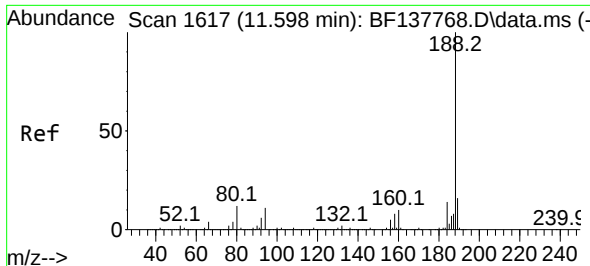
Tgt Ion:165 Resp: 41748
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 0.7 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.854 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:165 Resp: 41748
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 0.7 54.2 81.4#
182 0.0 2.2 3.2#

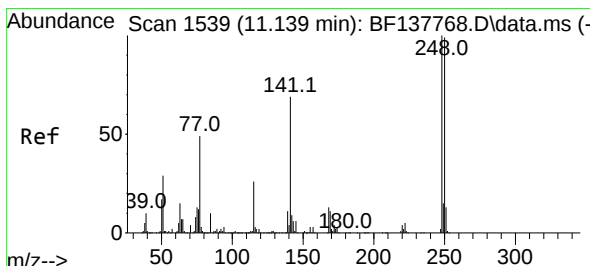
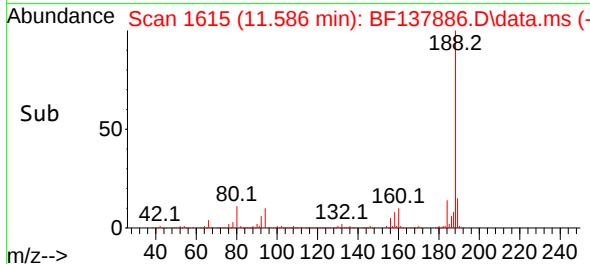
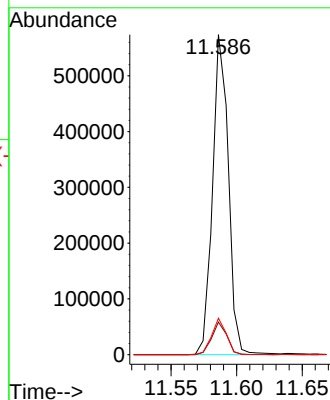
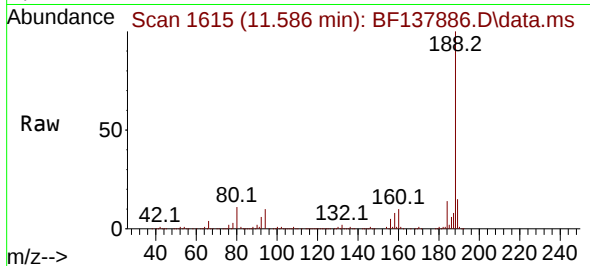




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

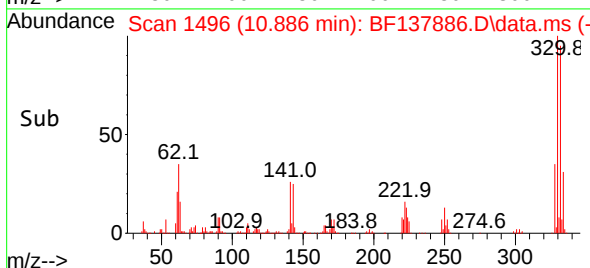
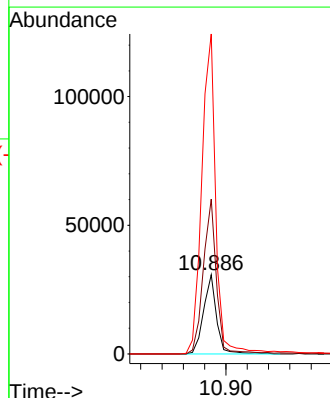
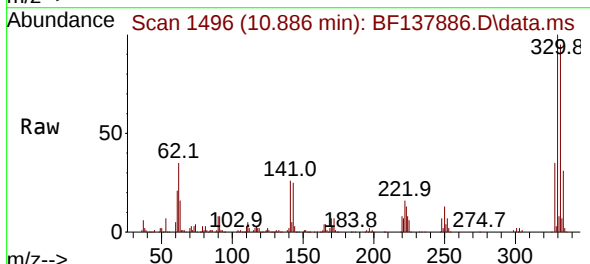
Instrument :
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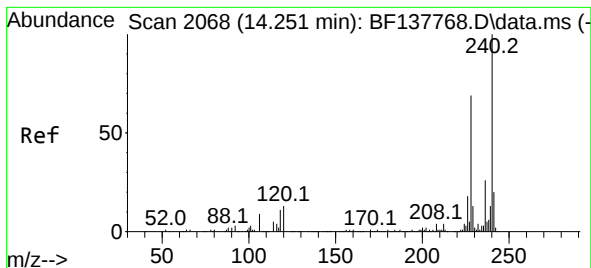
Tgt Ion:188 Resp: 481750
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 11.4 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 5.086 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:248 Resp: 26224
Ion Ratio Lower Upper
248 100
250 195.5 79.1 118.7#
141 403.8 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: BF137886.D

Acq: 10 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-D

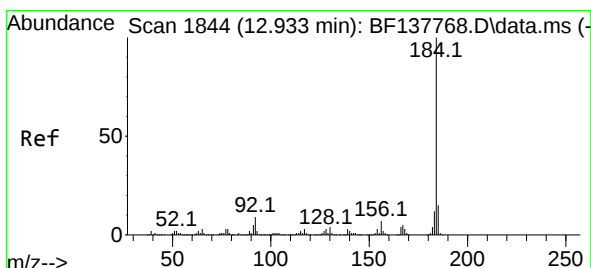
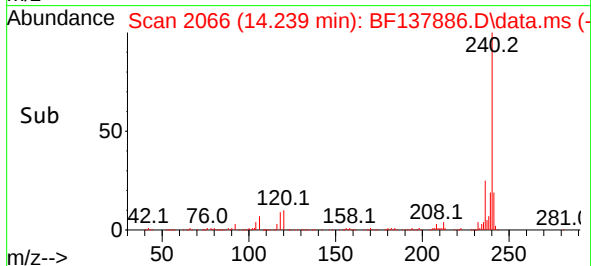
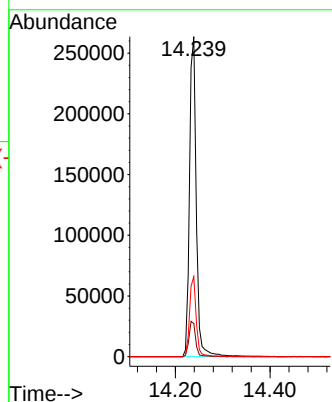
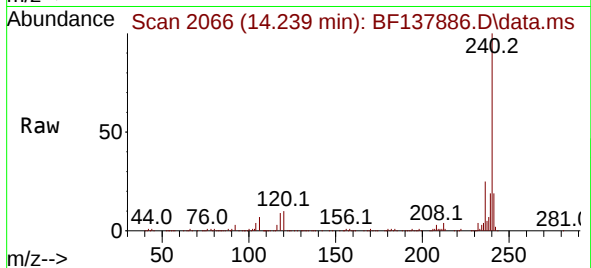
Tgt Ion:240 Resp: 261520

Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6#

236 25.0 20.4 30.6



#77

Benzidine

Concen: 3.118 ng

RT: 13.174 min Scan# 1885

Delta R.T. 0.241 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

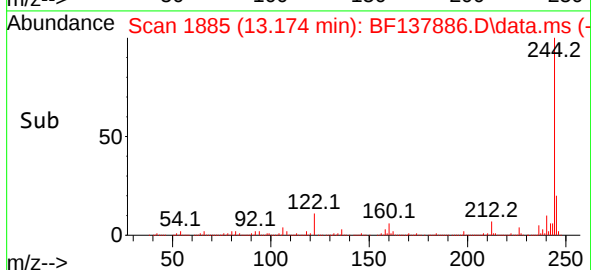
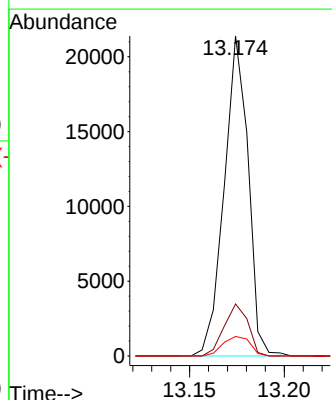
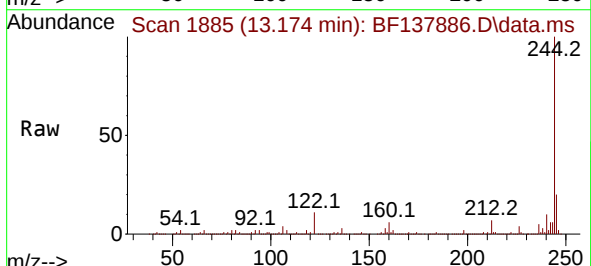
Tgt Ion:184 Resp: 18856

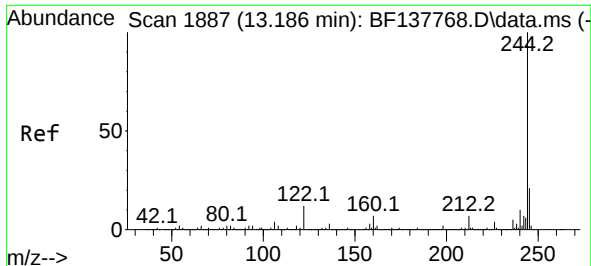
Ion Ratio Lower Upper

184 100

185 16.3 12.3 18.5

183 6.1 9.2 13.8#

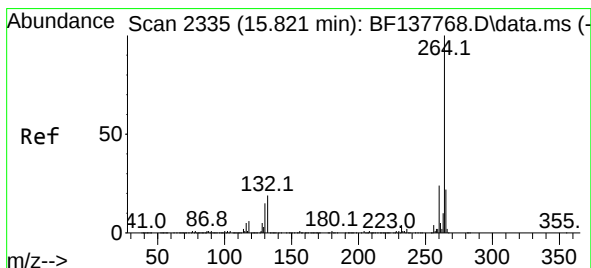
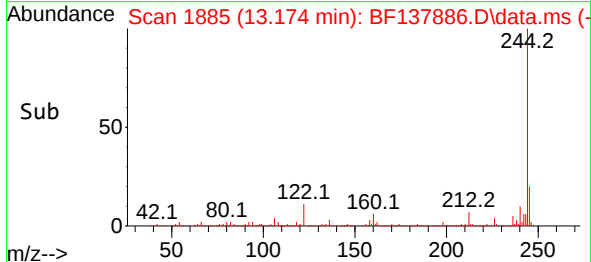
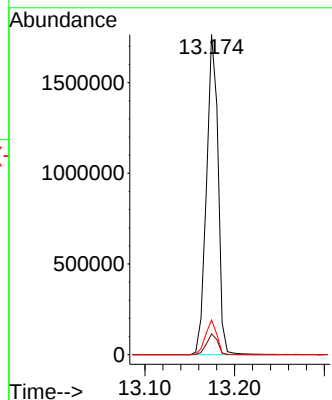
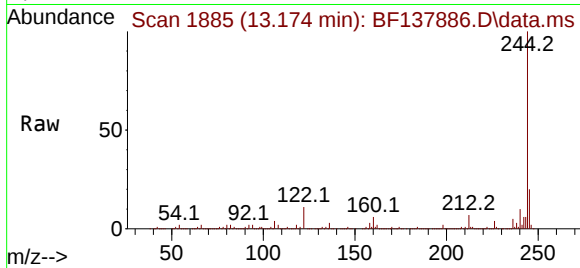




#79
 Terphenyl-d14
 Concen: 101.351 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137886.D
 Acq: 10 May 2024 17:52

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-D

Tgt Ion:244 Resp: 1581592
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.018 min
 Lab File: BF137886.D
 Acq: 10 May 2024 17:52

Tgt Ion:264 Resp: 201430
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.3 17.4 26.0

