

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137869.D
 Acq On : 09 May 2024 17:55
 Operator : CG\JU
 Sample : P2411-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Quant Time: May 09 18:33:03 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)

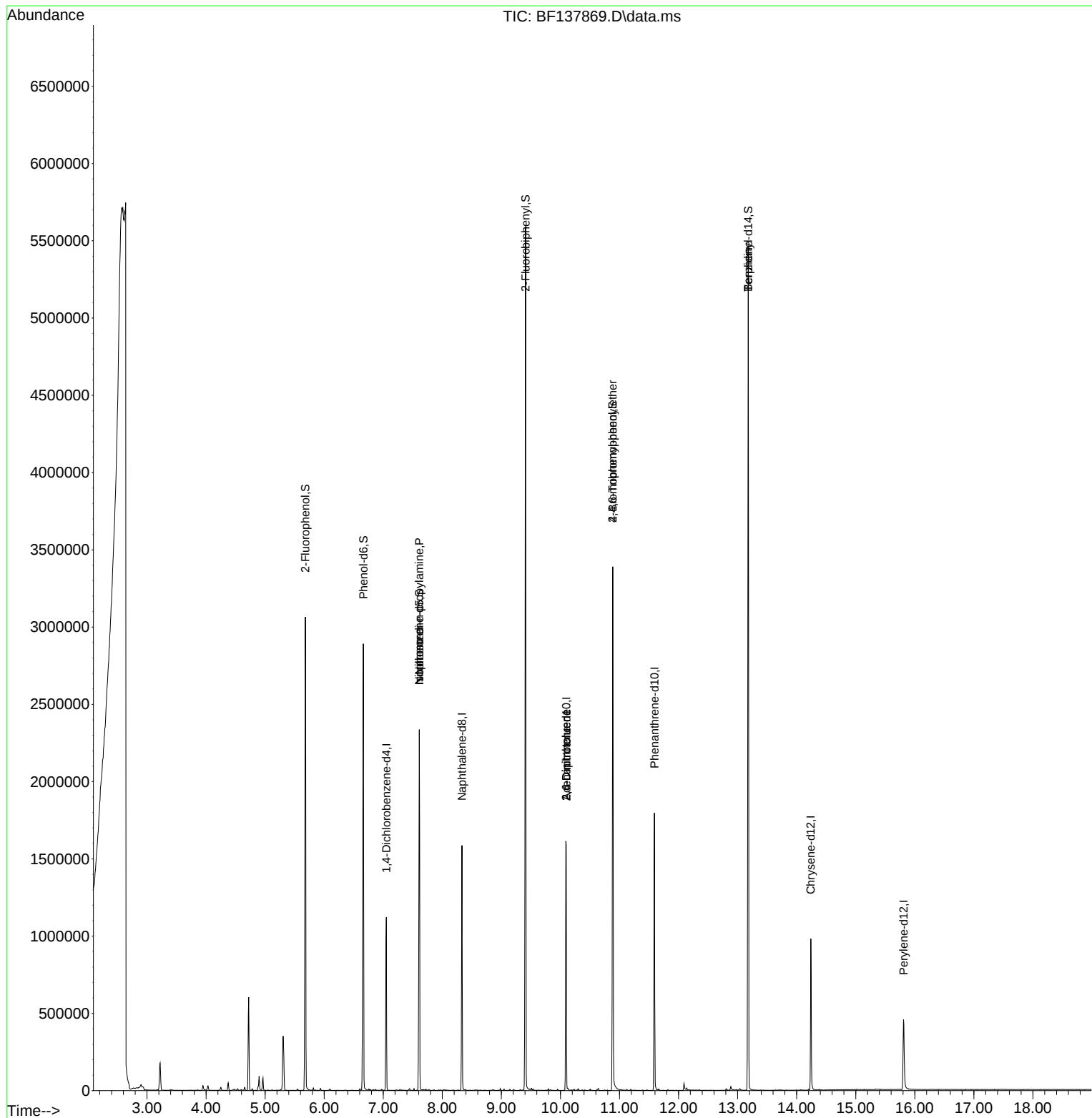
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	165776	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	634859	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	364779	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	615005	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	324537	20.000	ng	-0.01
86) Perylene-d12	15.810	264	239893	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	939863	94.923	ng	0.00
7) Phenol-d6	6.663	99	1081920	86.148	ng	-0.01
23) Nitrobenzene-d5	7.610	82	792405	72.516	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	452140	121.397	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1678176	74.637	ng	-0.01
79) Terphenyl-d14	13.180	244	1953015	100.851	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	103776	13.827	ng	# 76
25) Isophorone	7.610	82	792392	40.219	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	48729	9.259	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	48730	7.088	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	28578	4.342	ng	# 1
77) Benzidine	13.180	184	22885	3.049	ng	# 93

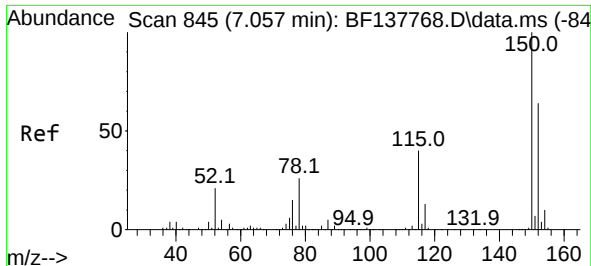
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137869.D
Acq On : 09 May 2024 17:55
Operator : CG\JU
Sample : P2411-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Quant Time: May 09 18:33:03 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

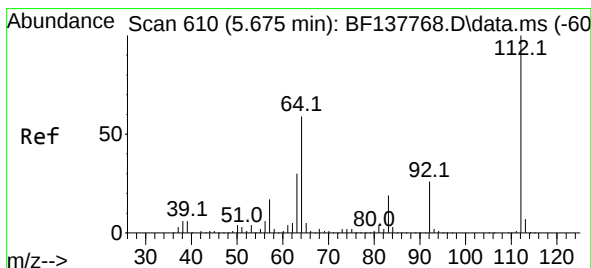
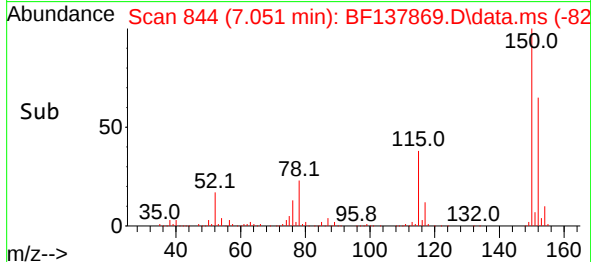
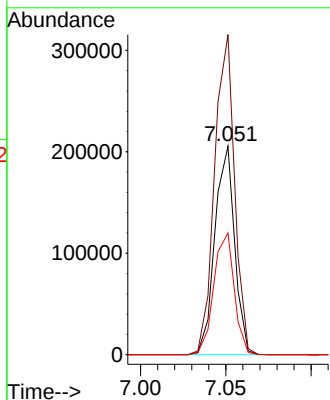
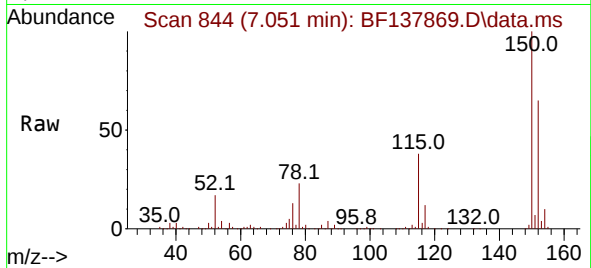




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

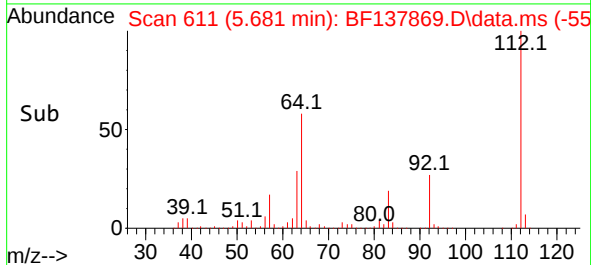
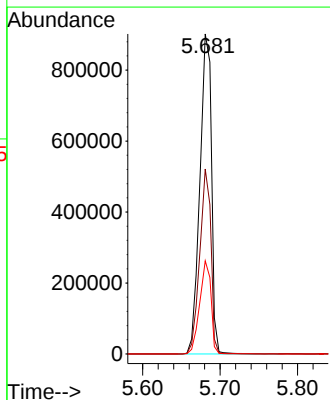
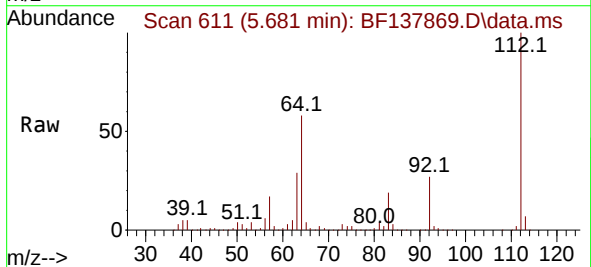
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

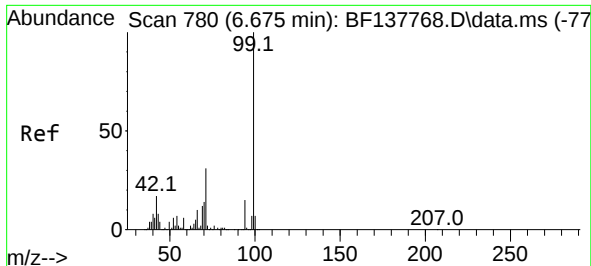
Tgt Ion:152 Resp: 165776
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 94.923 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion:112 Resp: 939863
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 86.148 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

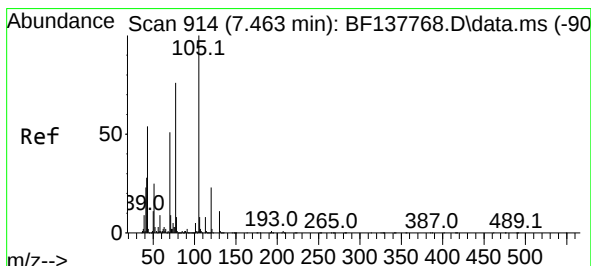
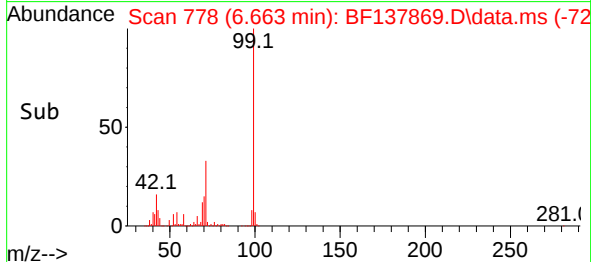
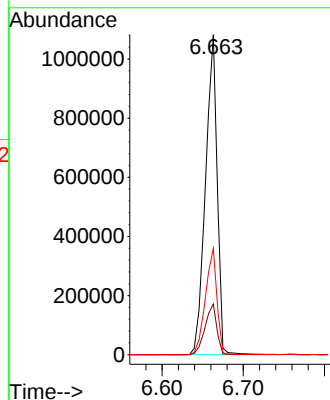
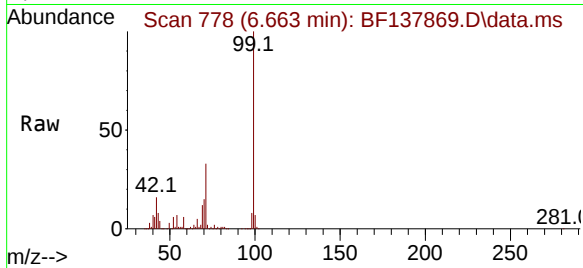
BNA_F

ClientSampleId :

WCS-TPA

Tgt Ion: 99 Resp: 1081920

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.2	19.8
71	33.1	25.0	37.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.827 ng

RT: 7.610 min Scan# 939

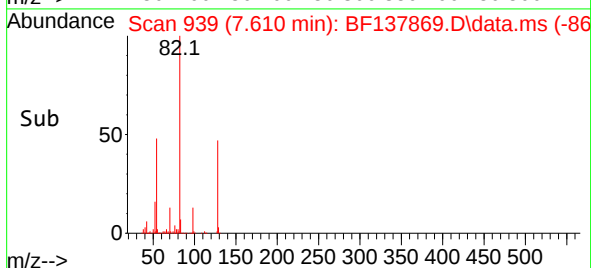
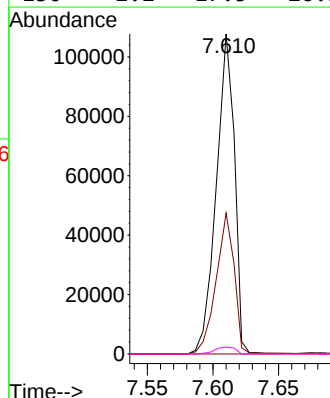
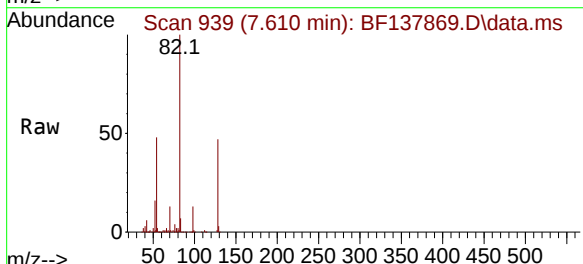
Delta R.T. 0.147 min

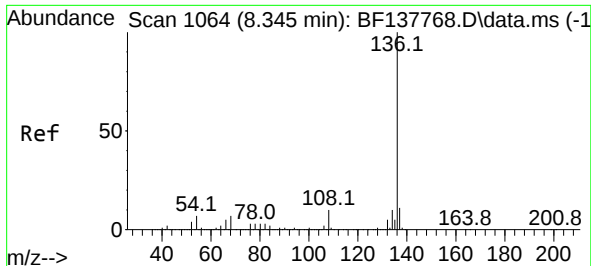
Lab File: BF137869.D

Acq: 09 May 2024 17:55

Tgt Ion: 70 Resp: 103776

Ion	Ratio	Lower	Upper
70	100		
42	44.0	44.6	66.8#
101	0.0	7.8	11.6#
130	2.2	17.5	26.3#



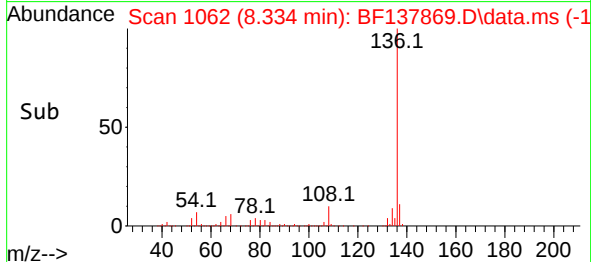
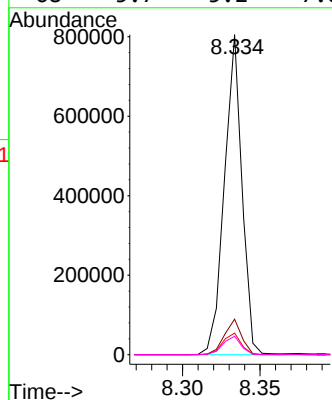
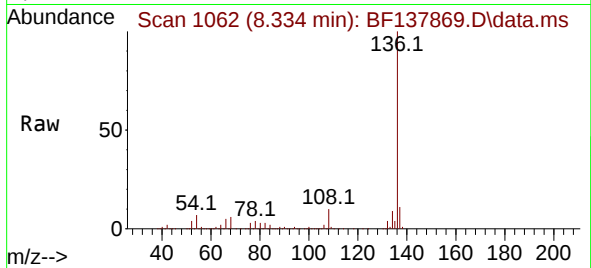


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion:136 Resp: 634859

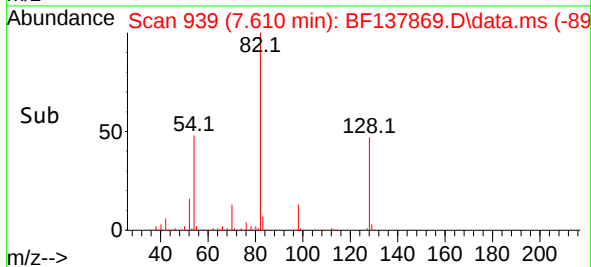
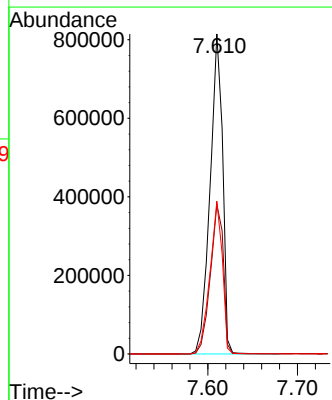
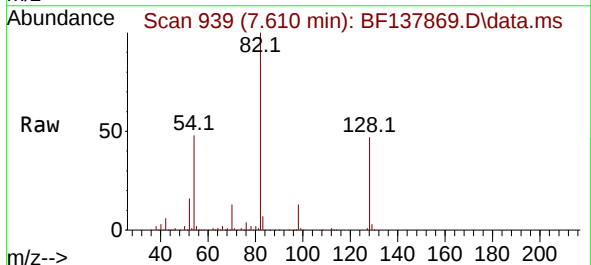
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 72.516 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion: 82 Resp: 792405

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.5	56.3
54	47.7	39.8	59.6

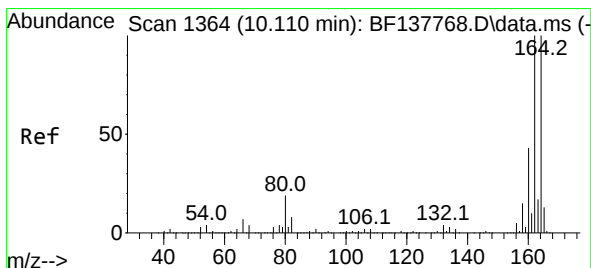
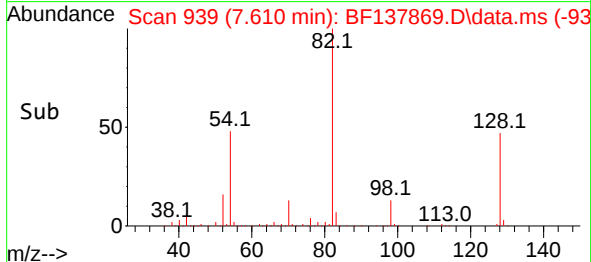
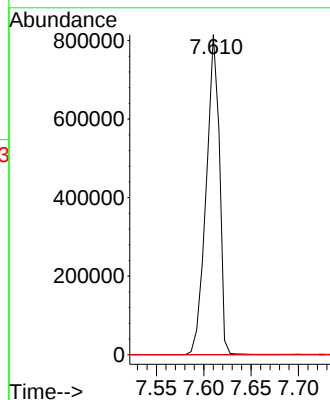
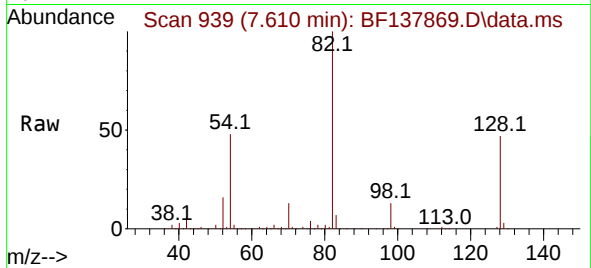




#25
Isophorone
Concen: 40.219 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

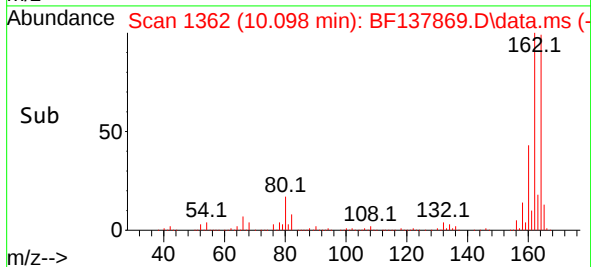
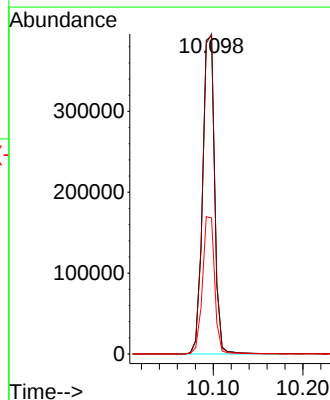
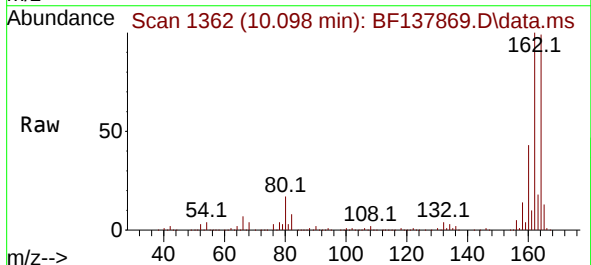
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

Tgt Ion: 82 Resp: 792392
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: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion:164 Resp: 364779
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.397 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

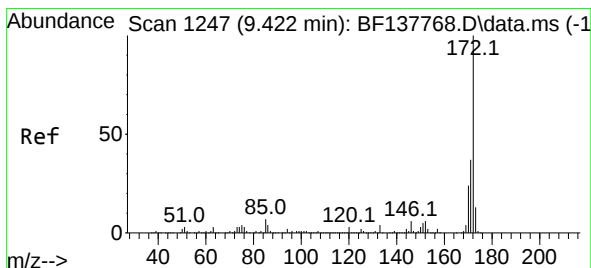
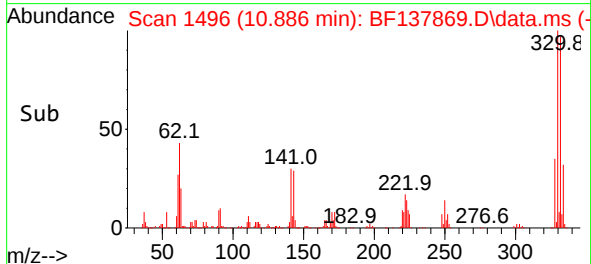
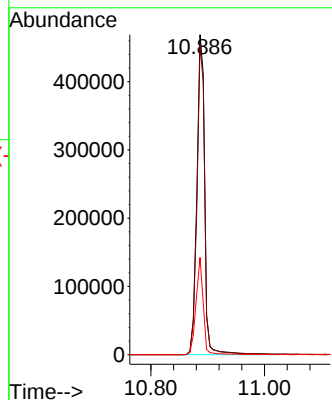
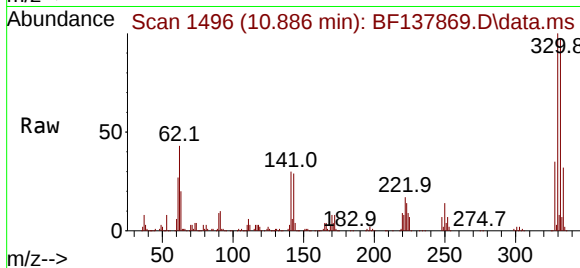
Tgt Ion:330 Resp: 452140

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 74.637 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

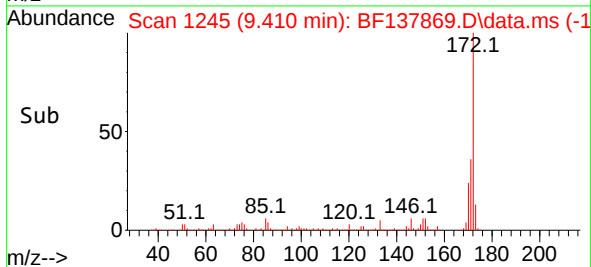
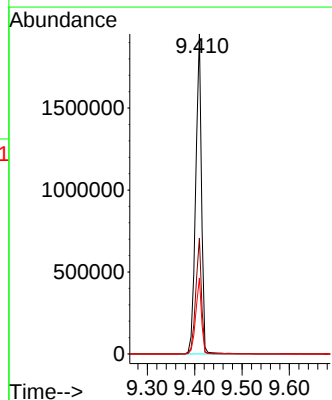
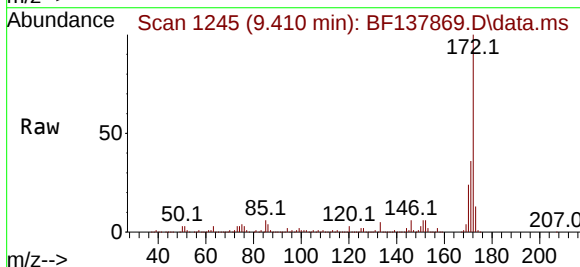
Tgt Ion:172 Resp: 1678176

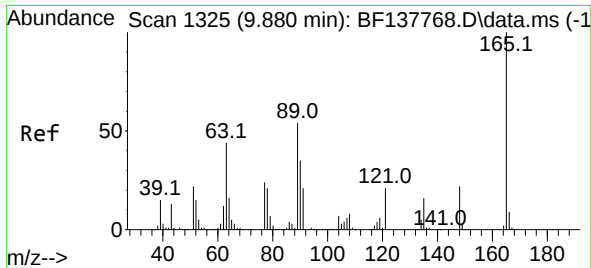
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.7 19.4 29.2

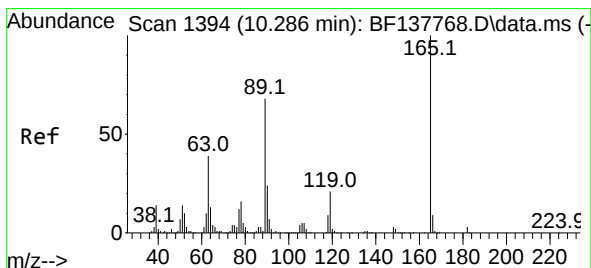
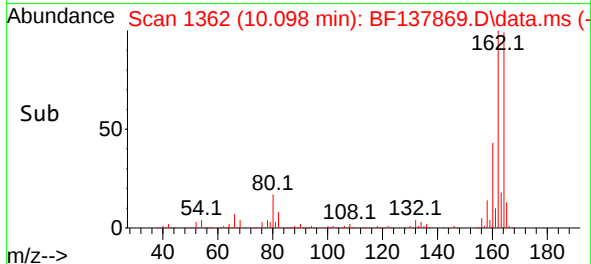
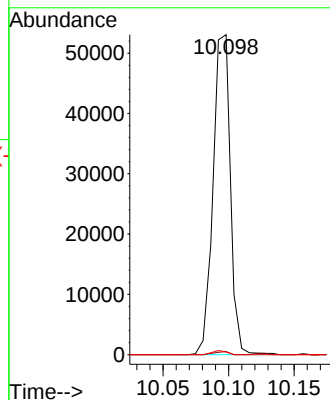
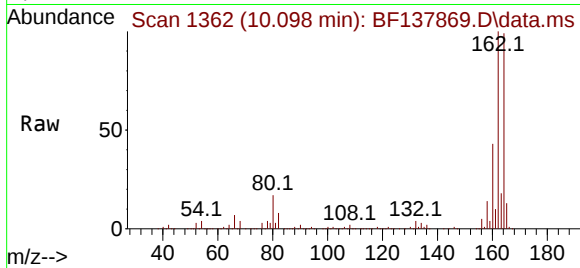




#51
2,6-Dinitrotoluene
Concen: 9.259 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

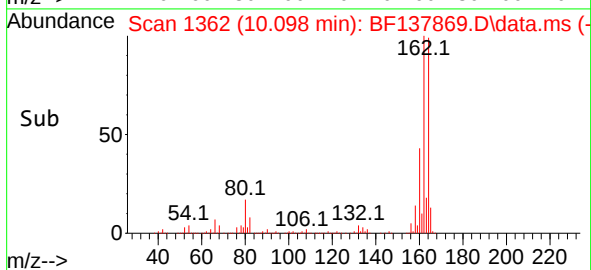
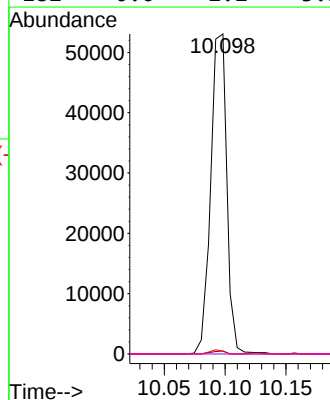
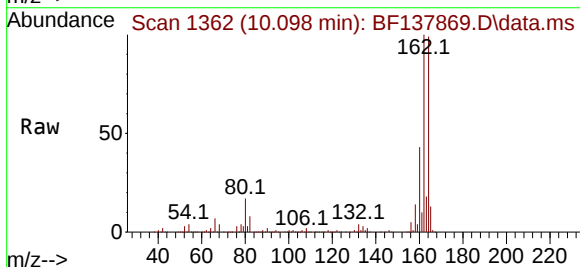
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

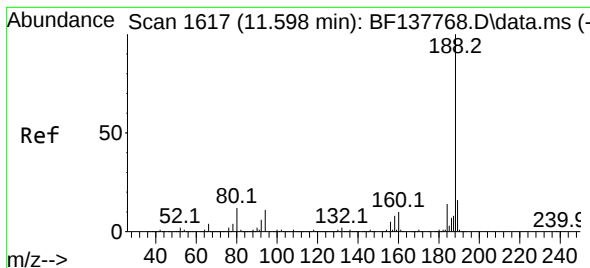
Tgt Ion:165 Resp: 48729
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 7.088 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion:165 Resp: 48730
Ion Ratio Lower Upper
165 100
63 1.0 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: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

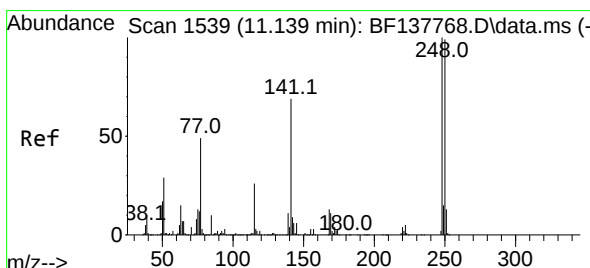
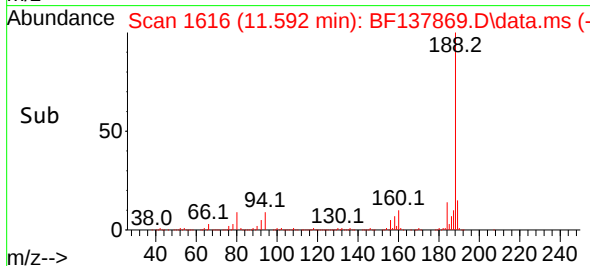
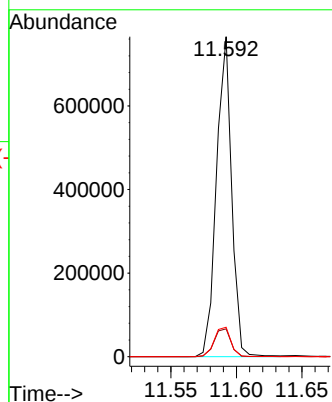
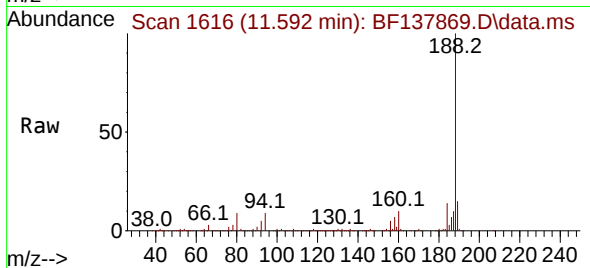
Tgt Ion:188 Resp: 615005

Ion Ratio Lower Upper

188 100

94 8.7 8.8 13.2#

80 9.2 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 4.342 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

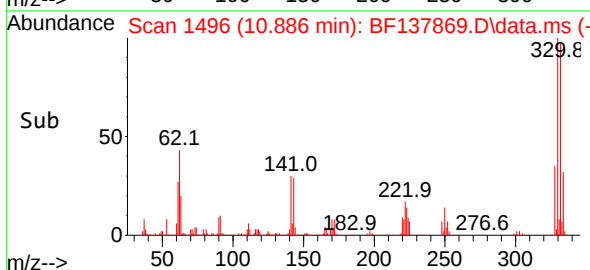
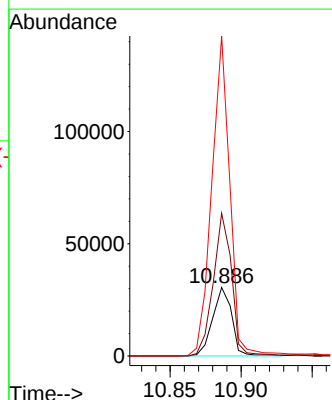
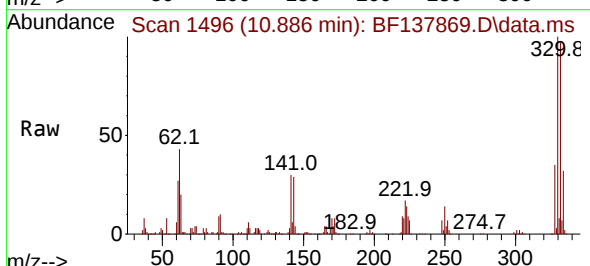
Tgt Ion:248 Resp: 28578

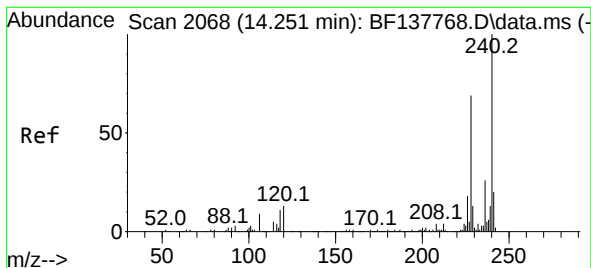
Ion Ratio Lower Upper

248 100

250 208.3 79.1 118.7#

141 467.1 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: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

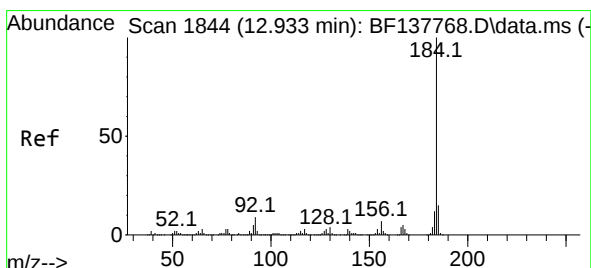
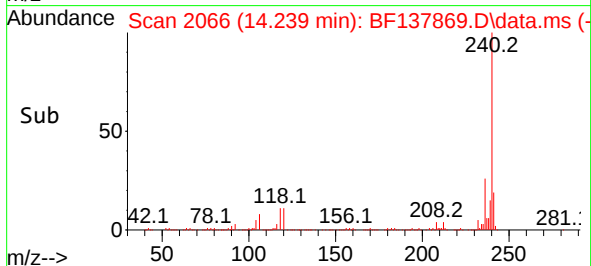
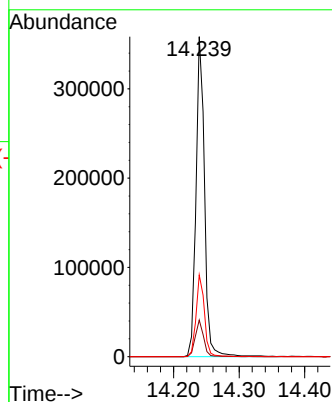
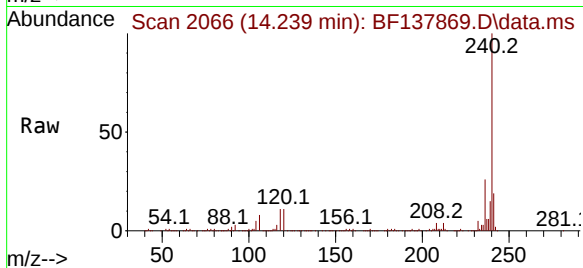
Tgt Ion:240 Resp: 324537

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

236 25.6 20.4 30.6



#77

Benzidine

Concen: 3.049 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

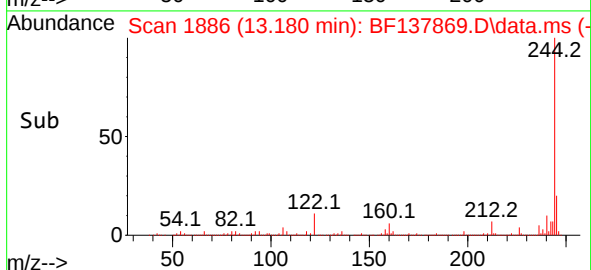
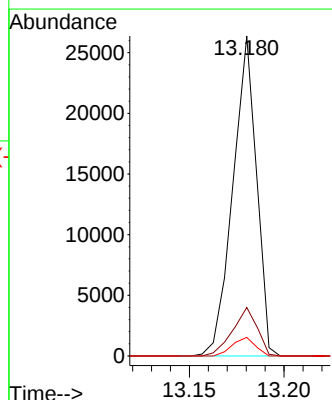
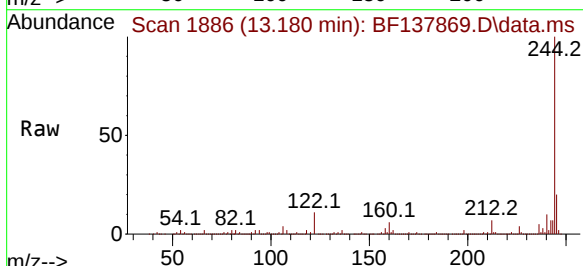
Tgt Ion:184 Resp: 22885

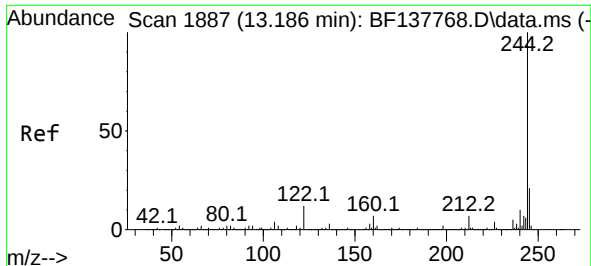
Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

183 5.8 9.2 13.8#

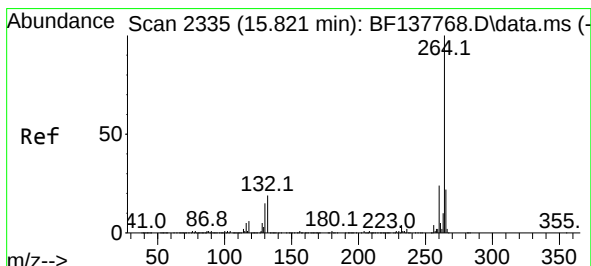
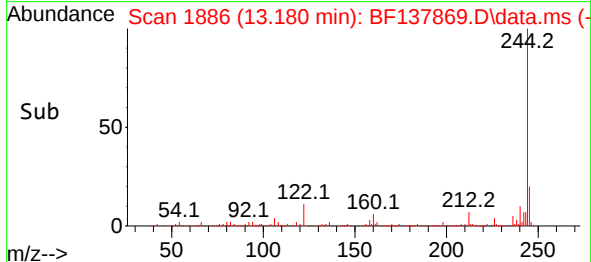
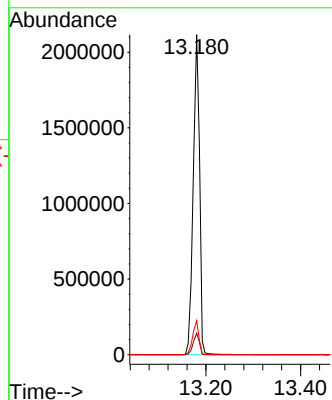
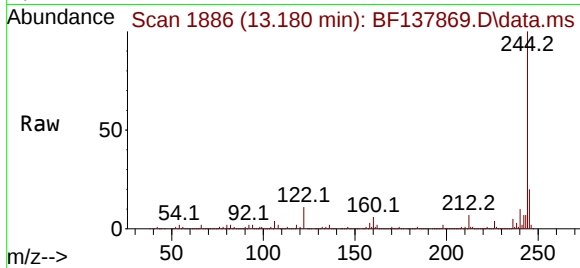




#79
 Terphenyl-d14
 Concen: 100.851 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137869.D
 Acq: 09 May 2024 17:55

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Tgt Ion:244 Resp: 1953015
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137869.D
 Acq: 09 May 2024 17:55

Tgt Ion:264 Resp: 239893
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.9 17.4 26.0

