

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137954.D
 Acq On : 20 May 2024 12:01
 Operator : CG\JU
 Sample : P2486-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Quant Time: May 20 12:36:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

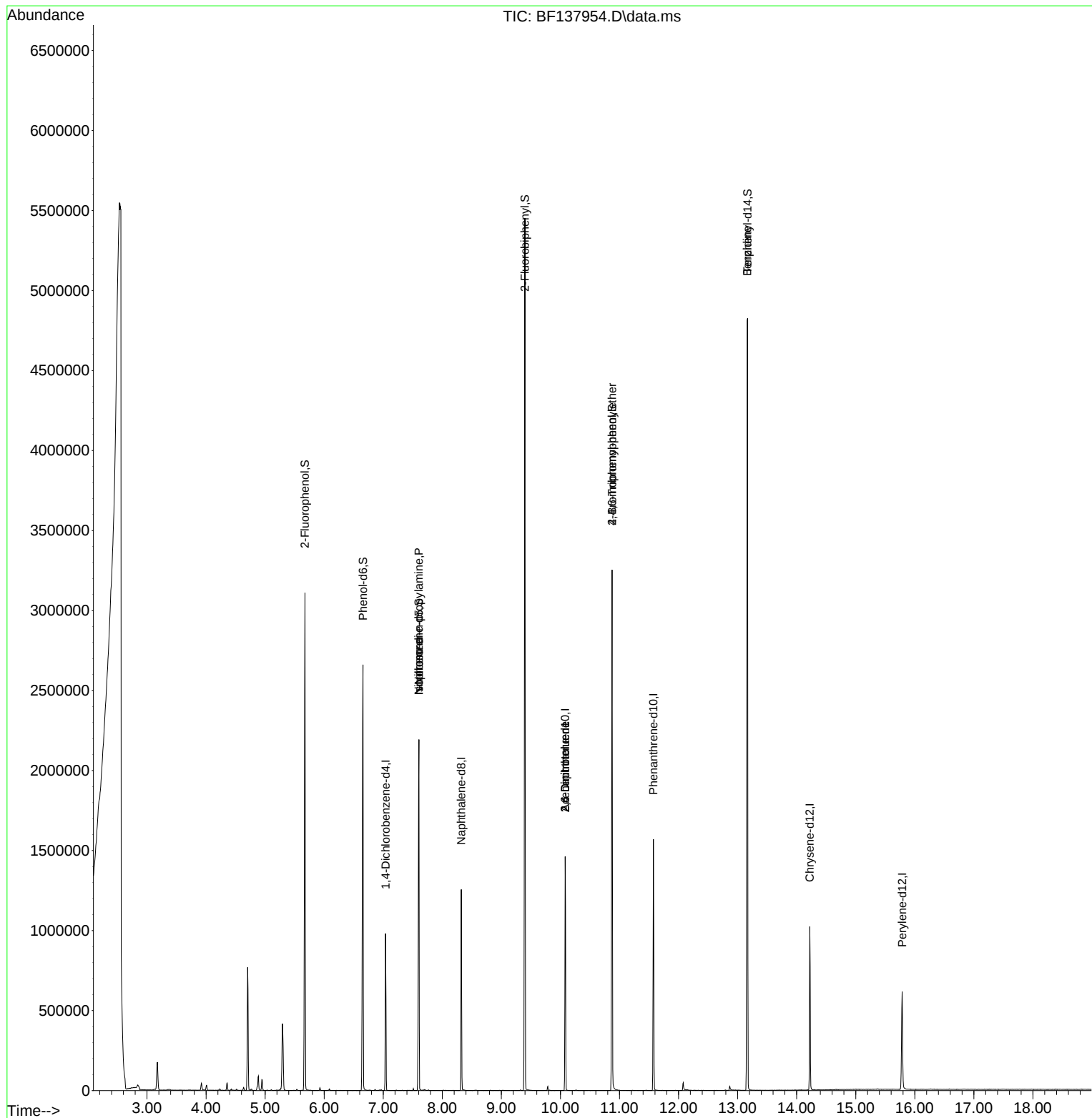
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	130890	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	508964	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	295495	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	537125	20.000	ng	0.00
76) Chrysene-d12	14.221	240	328132	20.000	ng	0.00
86) Perylene-d12	15.786	264	290984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	879892	114.189	ng	0.01
7) Phenol-d6	6.657	99	1001562	105.516	ng	0.00
23) Nitrobenzene-d5	7.604	82	715708	82.756	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	426173	143.036	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1574512	82.078	ng	0.00
79) Terphenyl-d14	13.169	244	1971587	88.554	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	94549	17.730	ng	Qvalue 75
25) Isophorone	7.604	82	715694	47.681	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	37561	8.832	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	37561	6.832	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	26873	4.564	ng	# 1
77) Benzidine	13.163	184	23650	5.515	ng	# 91

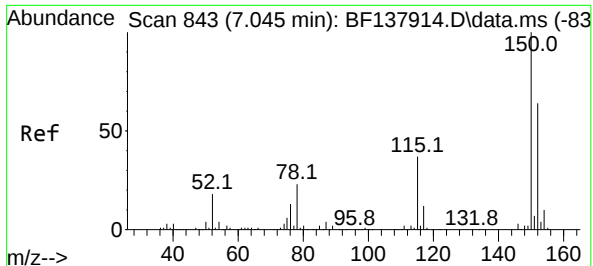
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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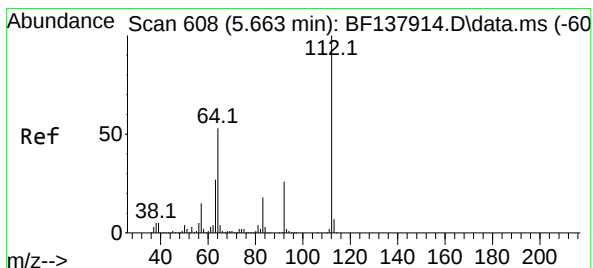
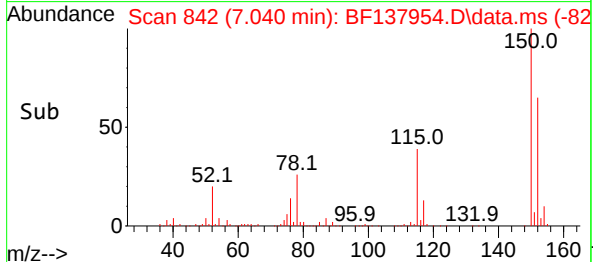
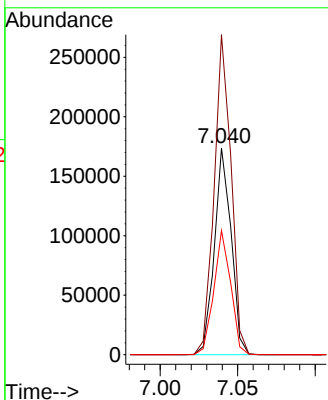
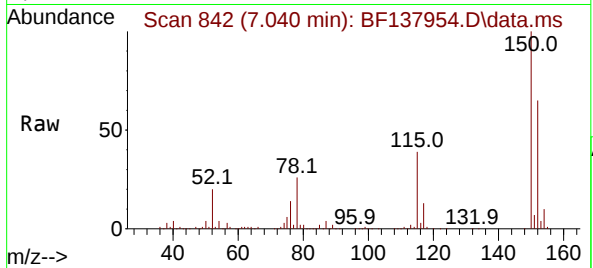




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

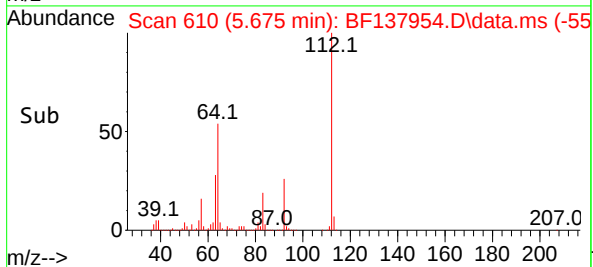
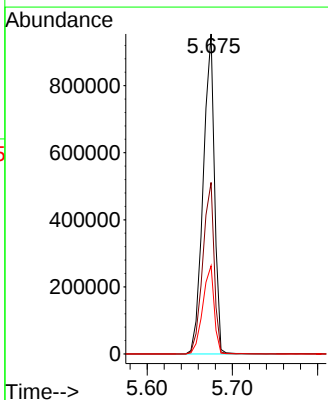
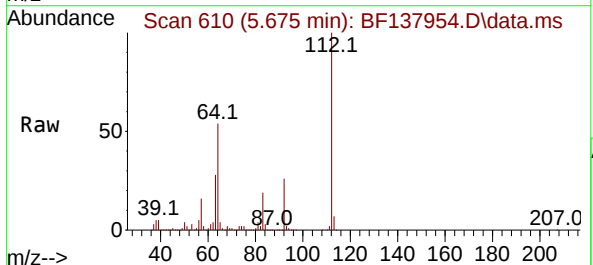
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

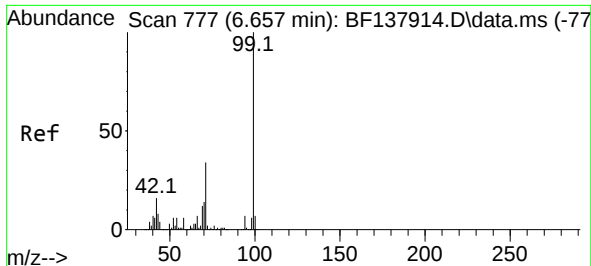
Tgt Ion:152 Resp: 130890
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 60.1 47.0 70.6



#5
2-Fluorophenol
Concen: 114.189 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:112 Resp: 879892
Ion Ratio Lower Upper
112 100
64 53.6 42.4 63.6
63 27.6 21.4 32.2





#7
Phenol-d6
Concen: 105.516 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Instrument :

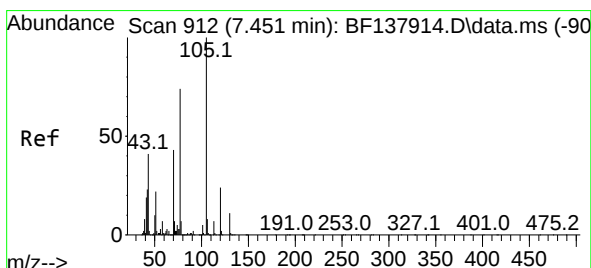
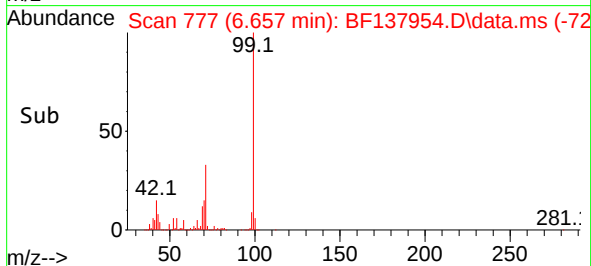
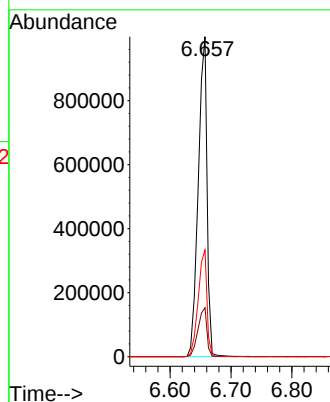
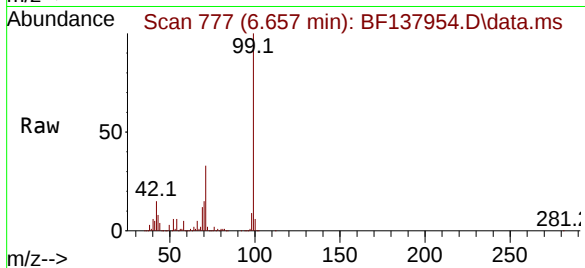
BNA_F

ClientSampleId :

WCS-TPL

Tgt Ion: 99 Resp: 1001562

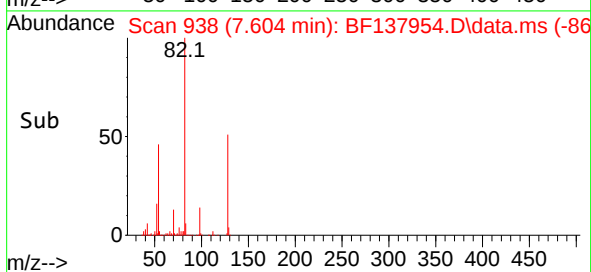
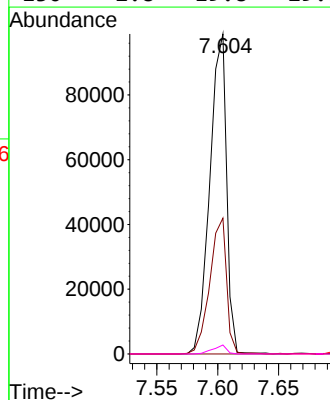
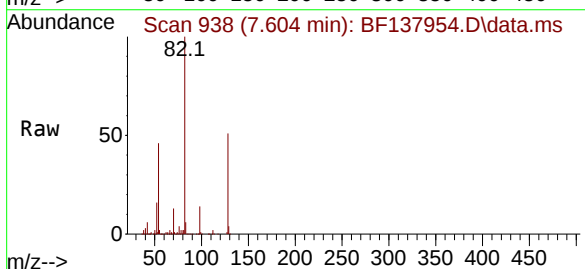
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	33.4	27.1	40.7

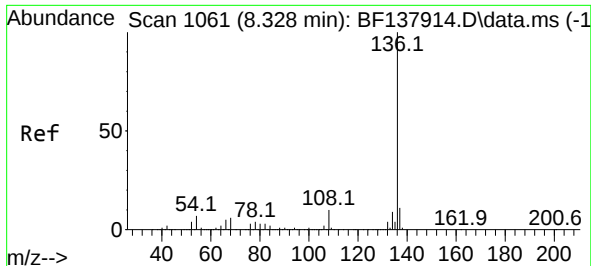


#19
n-Nitroso-di-n-propylamine
Concen: 17.730 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion: 70 Resp: 94549

Ion	Ratio	Lower	Upper
70	100		
42	42.5	42.2	63.4
101	0.0	8.8	13.2#
130	2.8	19.8	29.8#



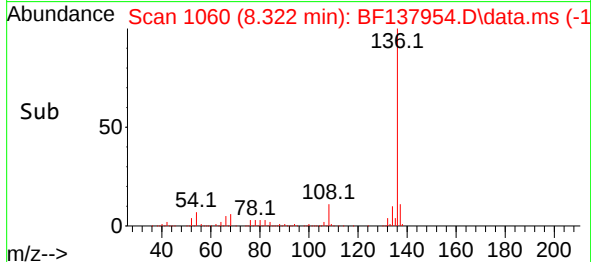
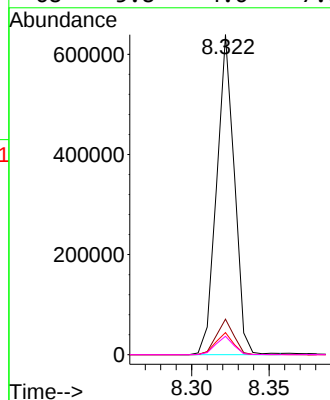
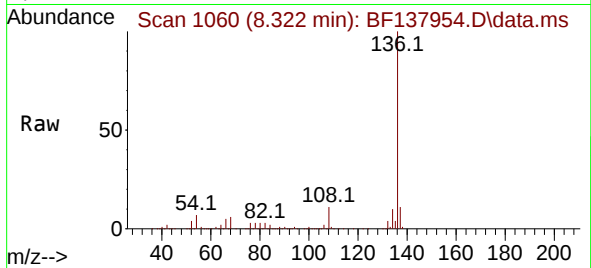


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion: 136 Resp: 508964

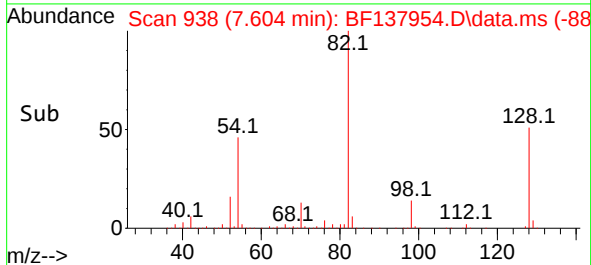
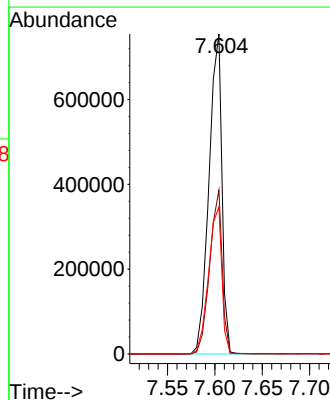
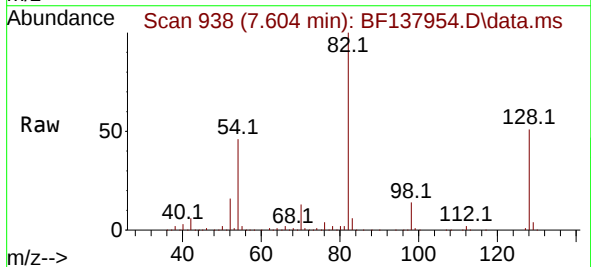
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.9	5.4	8.2
68	5.8	4.6	7.0



#23
Nitrobenzene-d5
Concen: 82.756 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion: 82 Resp: 715708

Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.3	60.5
54	45.9	36.8	55.2

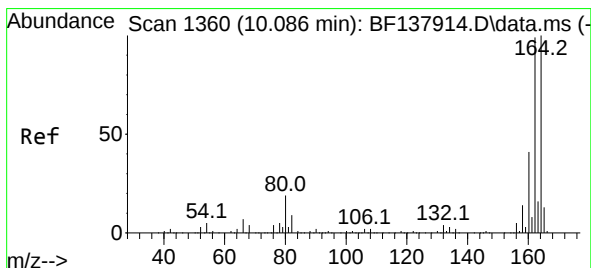
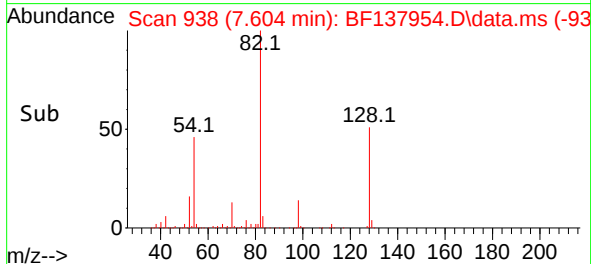
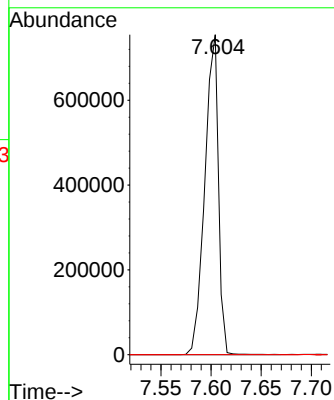
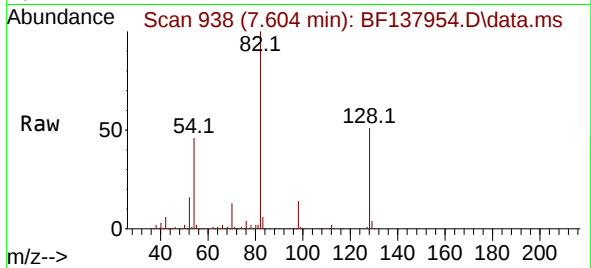




#25
Isophorone
Concen: 47.681 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

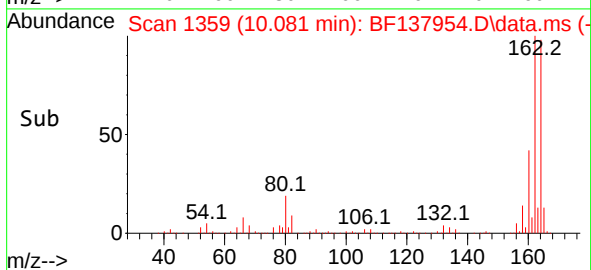
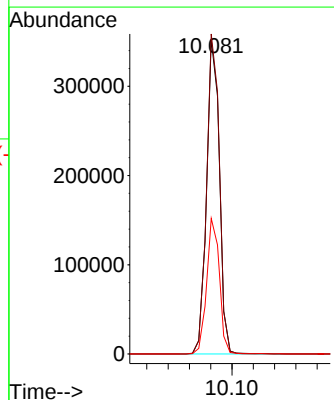
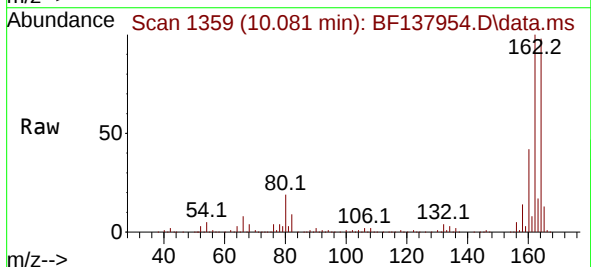
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion: 82 Resp: 715694
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:164 Resp: 295495
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 43.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 143.036 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137954.D

Acq: 20 May 2024 12:01

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

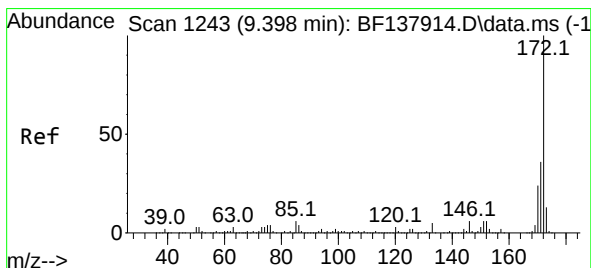
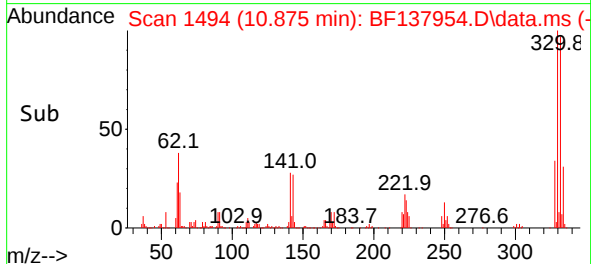
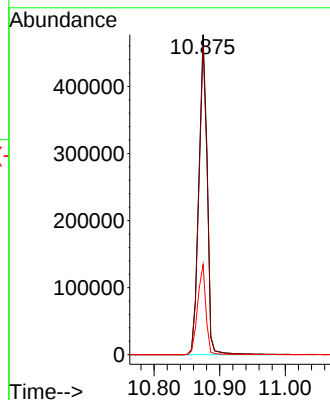
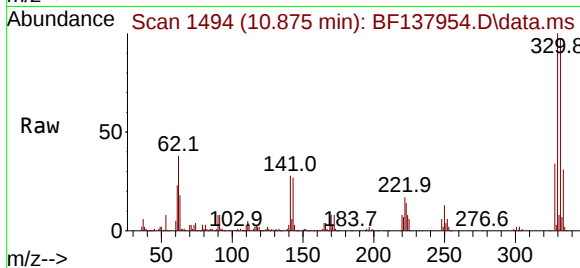
Tgt Ion:330 Resp: 426173

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.8

141 27.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.078 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137954.D

Acq: 20 May 2024 12:01

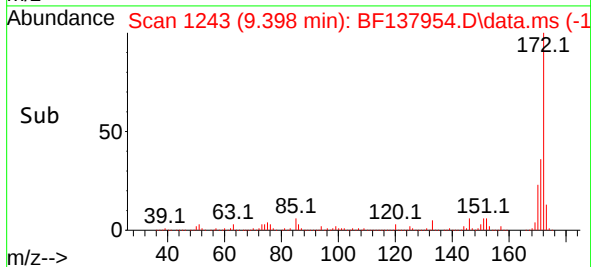
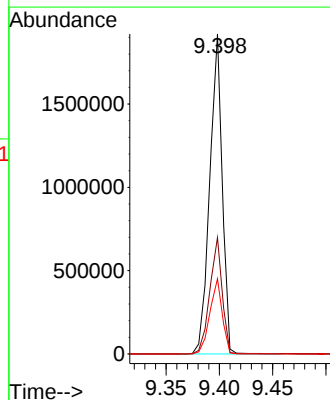
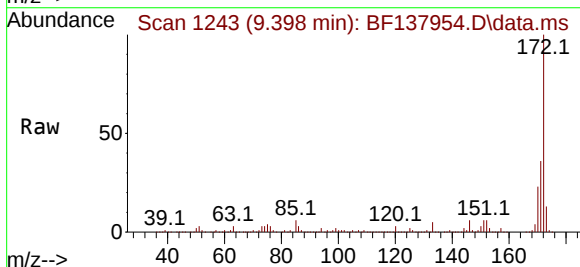
Tgt Ion:172 Resp: 1574512

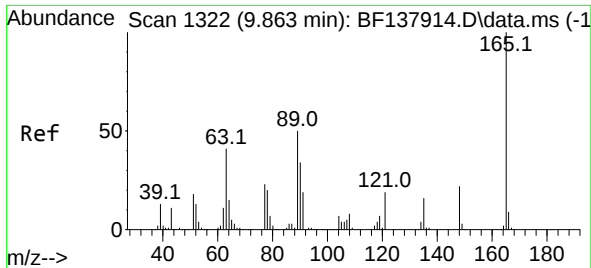
Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 23.5 18.9 28.3

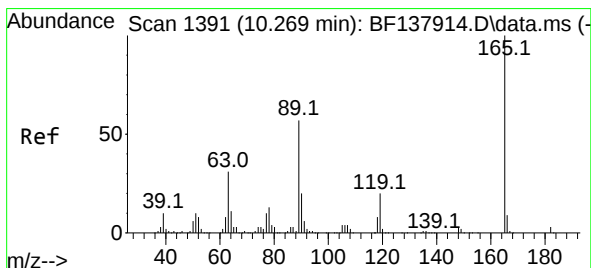
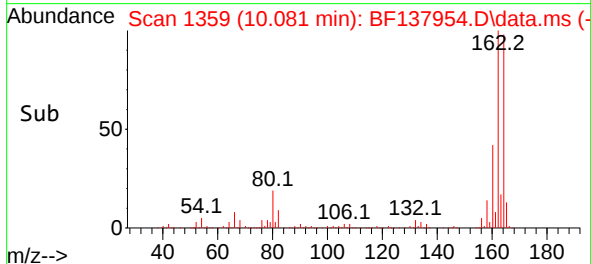
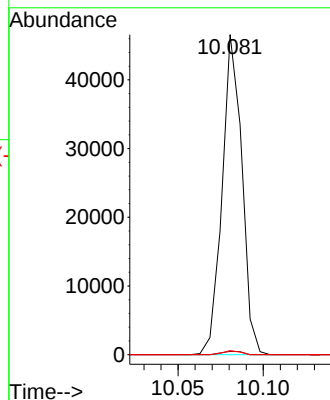
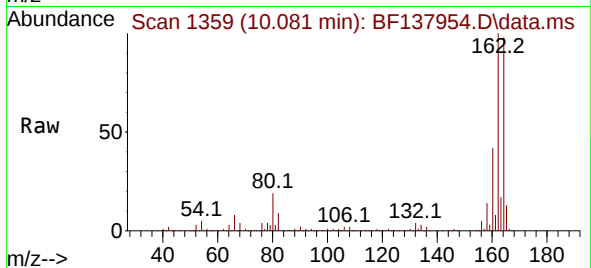




#51
2,6-Dinitrotoluene
Concen: 8.832 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

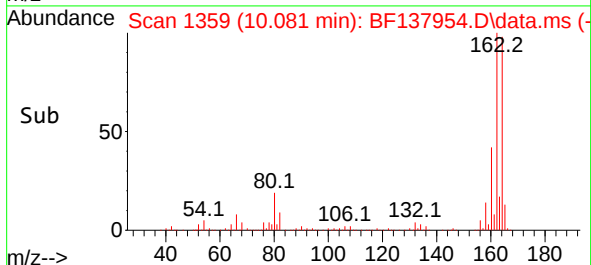
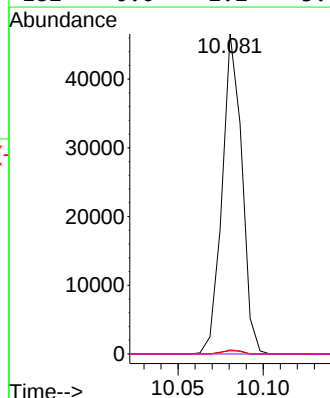
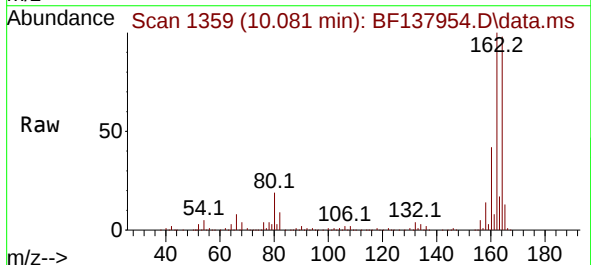
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

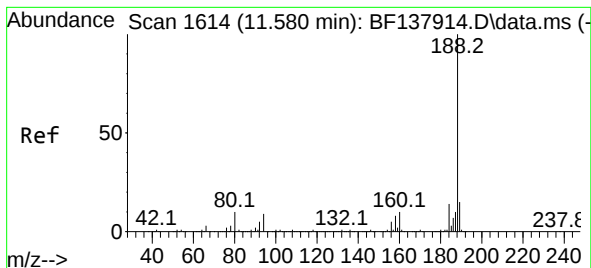
Tgt Ion:165 Resp: 37561
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.3 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.832 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:165 Resp: 37561
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.3 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137954.D

Acq: 20 May 2024 12:01

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

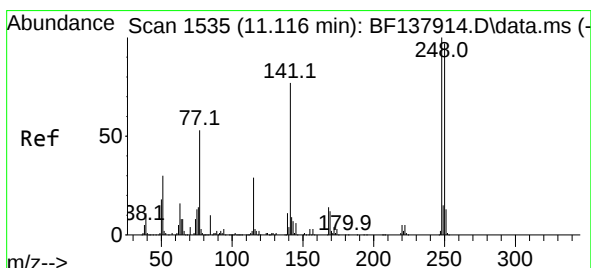
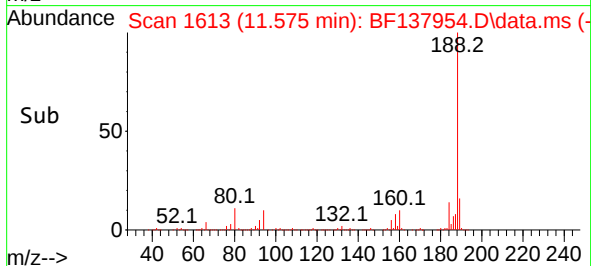
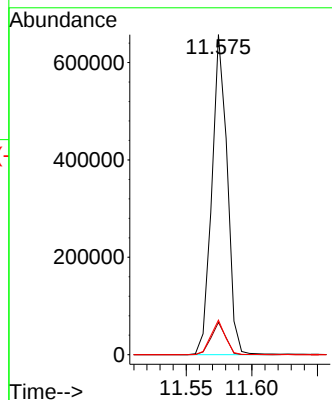
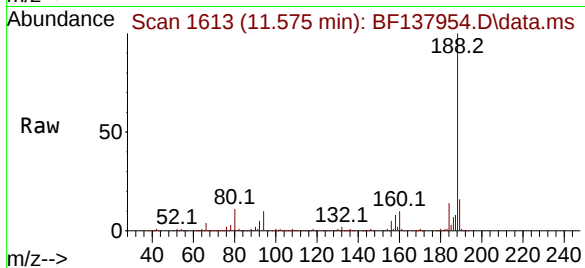
Tgt Ion:188 Resp: 537125

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 10.8 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.564 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137954.D

Acq: 20 May 2024 12:01

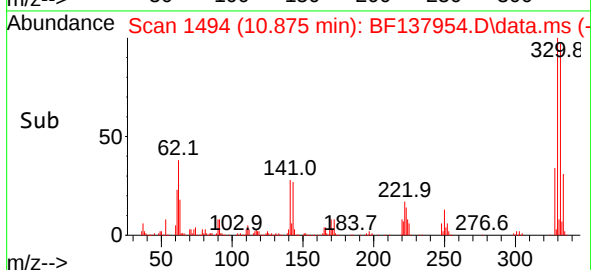
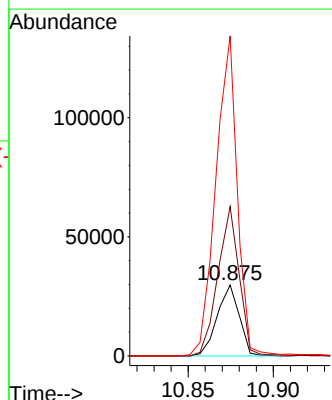
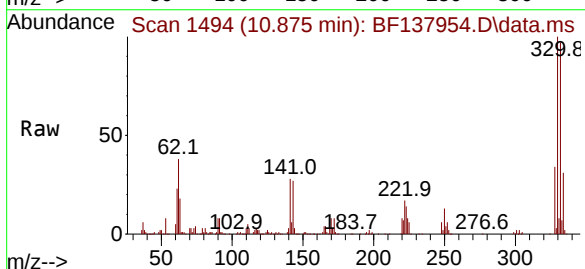
Tgt Ion:248 Resp: 26873

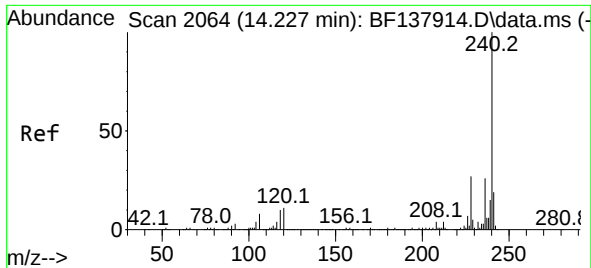
Ion Ratio Lower Upper

248 100

250 210.9 77.6 116.4#

141 451.3 61.4 92.2#

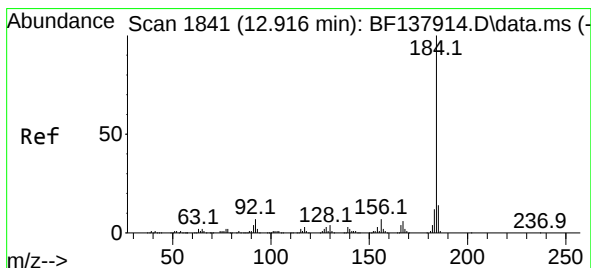
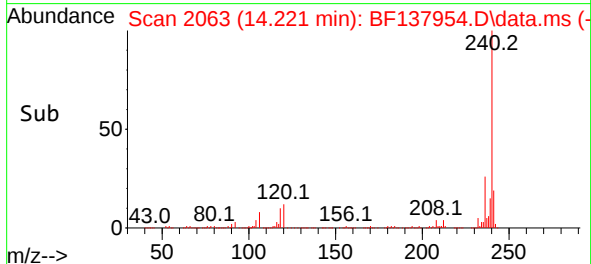
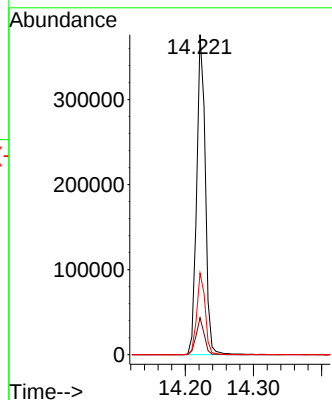
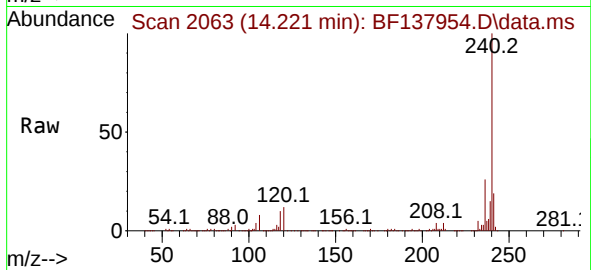




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

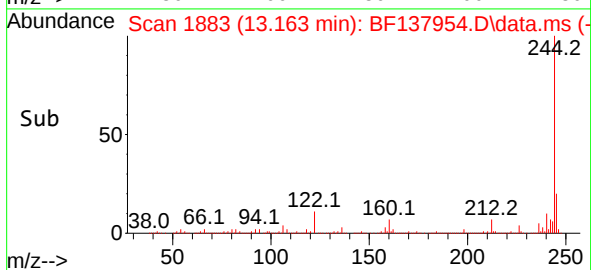
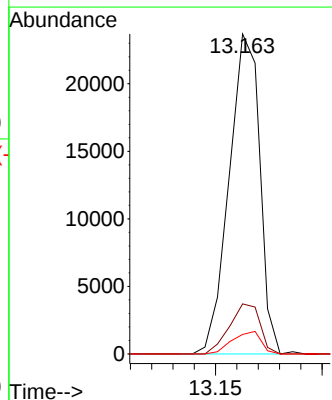
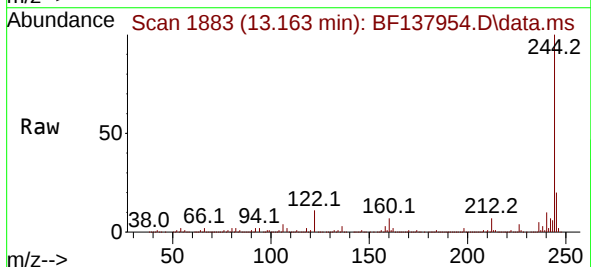
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

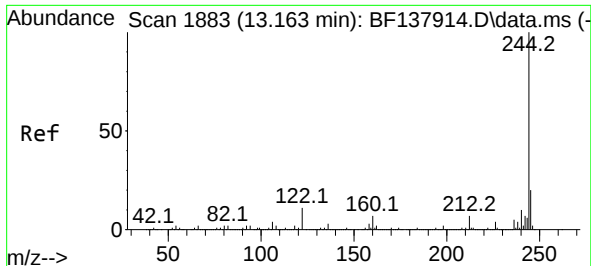
Tgt Ion:240 Resp: 328132
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.5 21.0 31.4



#77
Benzidine
Concen: 5.515 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:184 Resp: 23650
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 6.1 9.5 14.3#

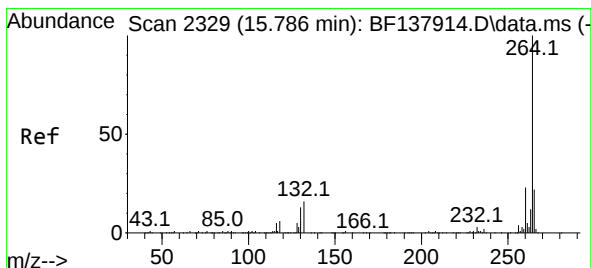
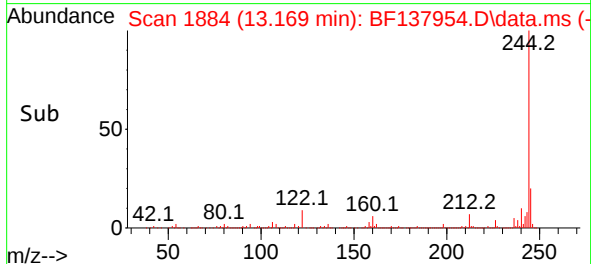
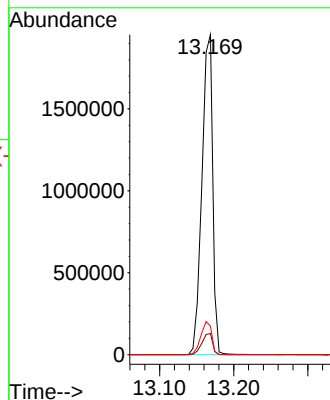
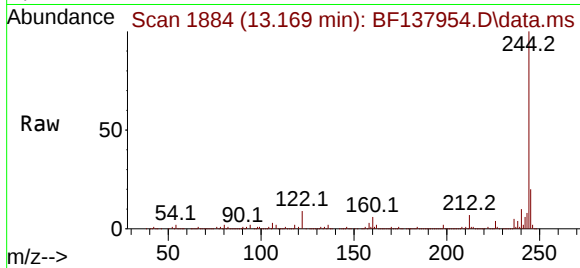




#79
 Terphenyl-d14
 Concen: 88.554 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137954.D
 Acq: 20 May 2024 12:01

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Tgt Ion:244 Resp: 1971587
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137954.D
 Acq: 20 May 2024 12:01

Tgt Ion:264 Resp: 290984
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.0 17.6 26.4

