

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137957.D
 Acq On : 20 May 2024 13:30
 Operator : CG\JU
 Sample : P2518-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-MM

Quant Time: May 20 13:56:34 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)

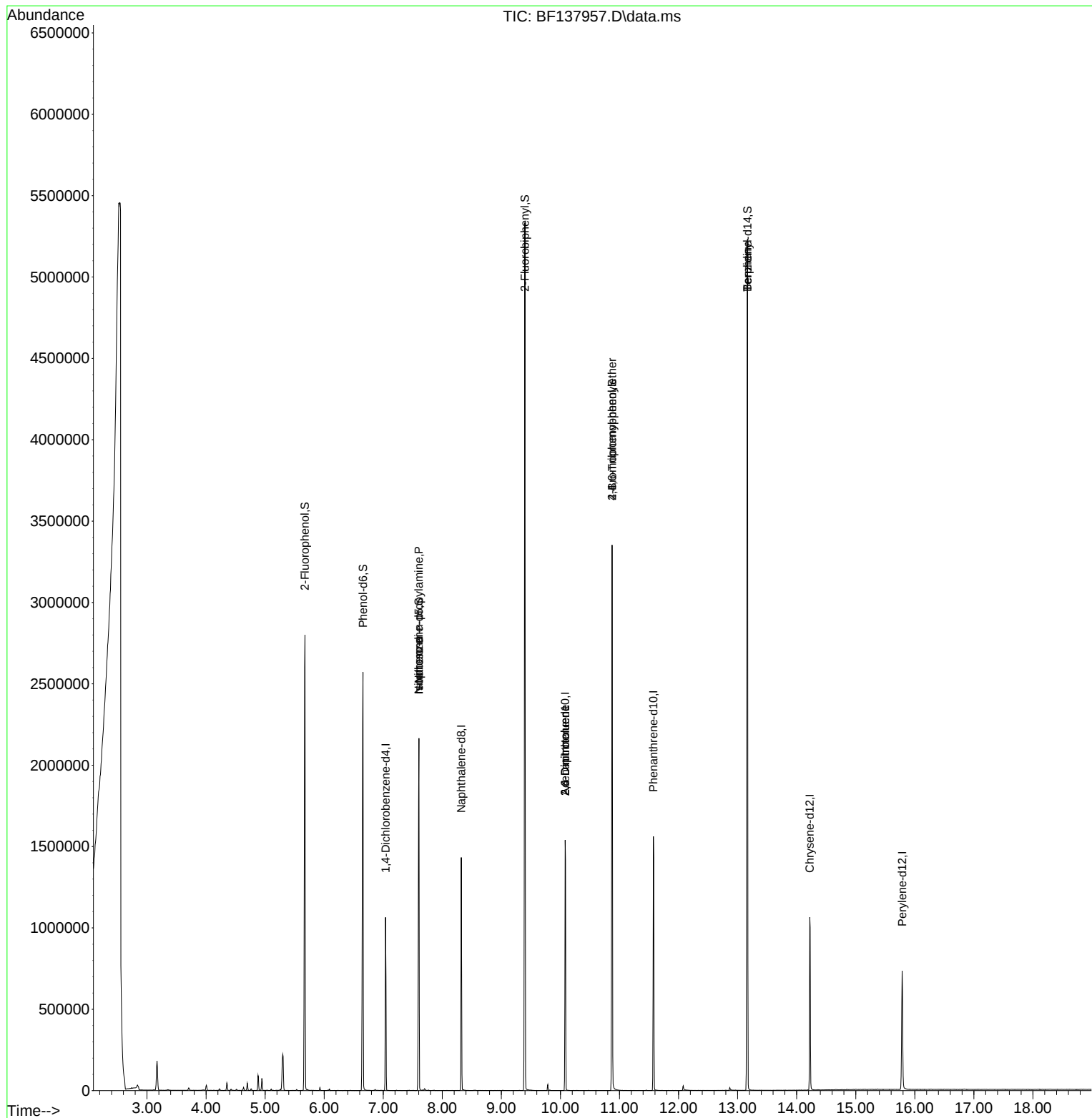
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	145892	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	568416	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	333136	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	593213	20.000	ng	# 0.00
76) Chrysene-d12	14.221	240	381645	20.000	ng	0.00
86) Perylene-d12	15.786	264	350587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	864732	100.682	ng	0.01
7) Phenol-d6	6.657	99	984939	93.095	ng	0.00
23) Nitrobenzene-d5	7.604	82	706275	73.124	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	437749	130.321	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1588961	73.472	ng	0.00
79) Terphenyl-d14	13.168	244	2100947	81.132	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	92242	15.518	ng	# 75
25) Isophorone	7.604	82	706267	42.132	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	42636	8.893	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	42636	6.879	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	28435	4.372	ng	# 1
77) Benzidine	13.168	184	25091	5.031	ng	# 91

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

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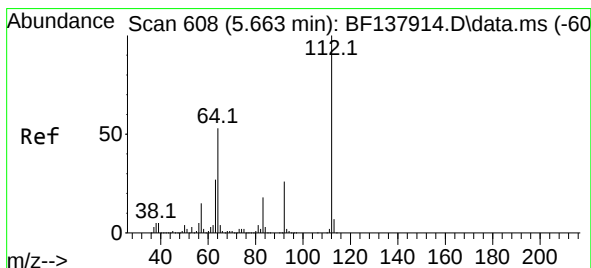
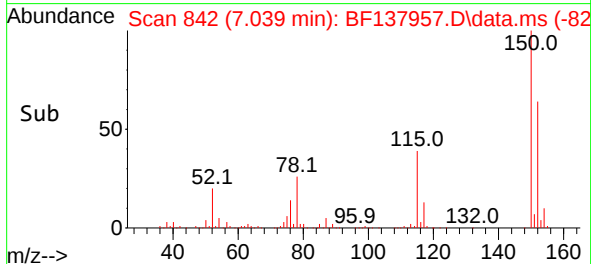
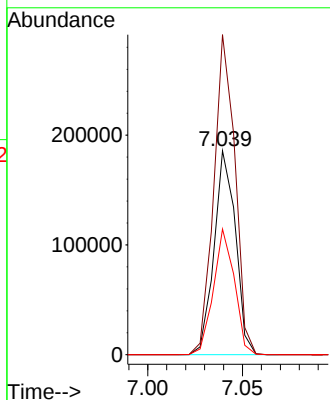
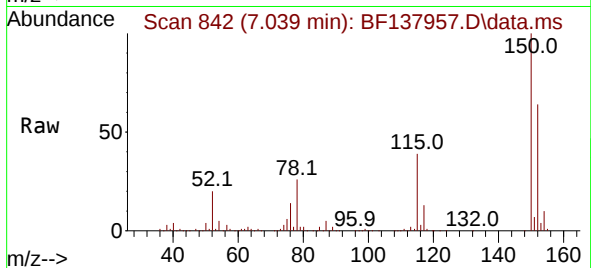




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

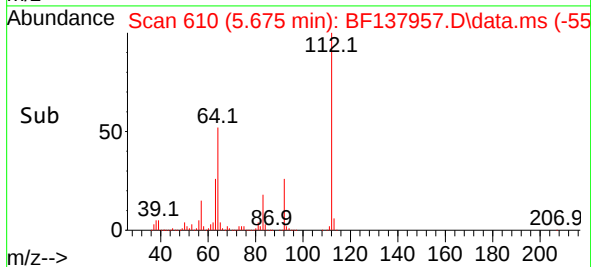
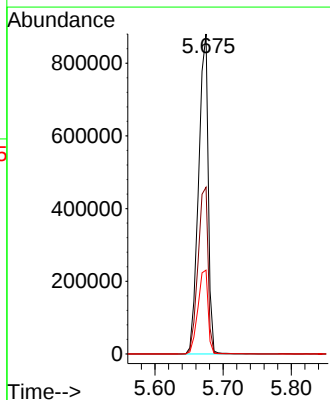
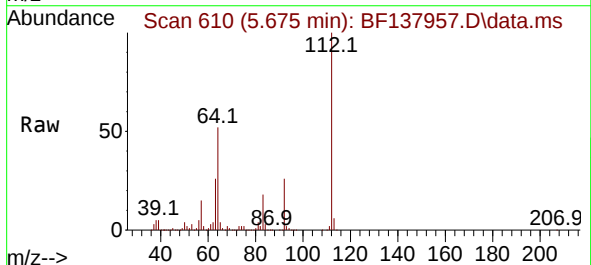
Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

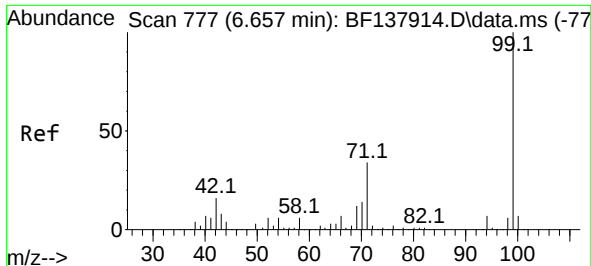
Tgt Ion:152 Resp: 145892
Ion Ratio Lower Upper
152 100
150 157.0 125.7 188.5
115 61.6 47.0 70.6



#5
2-Fluorophenol
Concen: 100.682 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

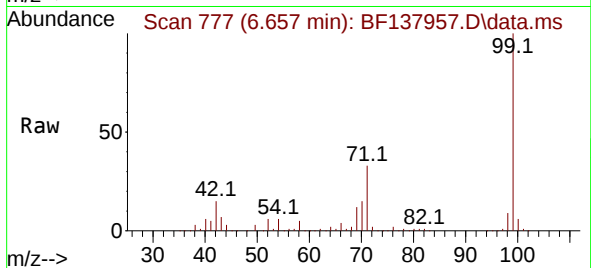
Tgt Ion:112 Resp: 864732
Ion Ratio Lower Upper
112 100
64 52.1 42.4 63.6
63 26.2 21.4 32.2



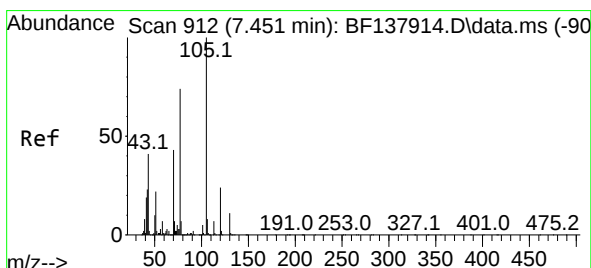
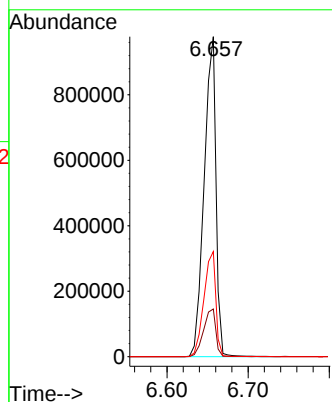
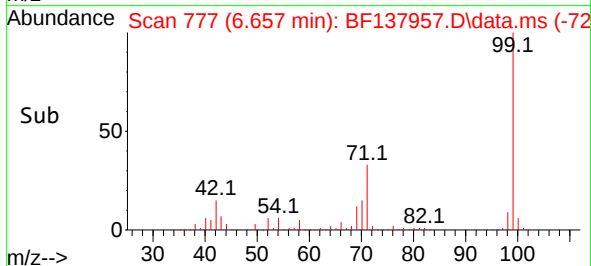


#7
Phenol-d6
Concen: 93.095 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

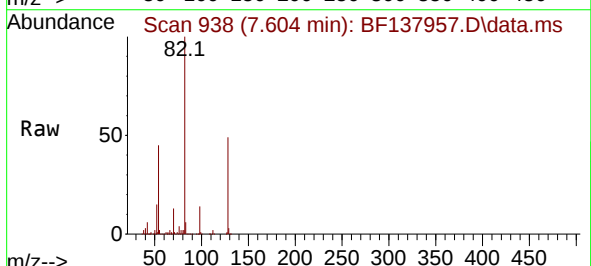
Instrument :
BNA_F
ClientSampleId :
WC-MH-MM



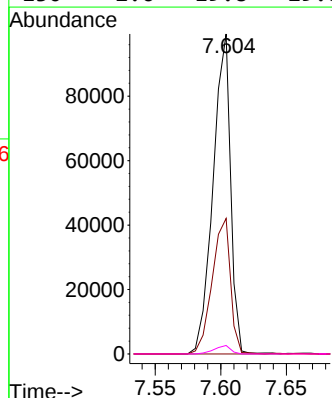
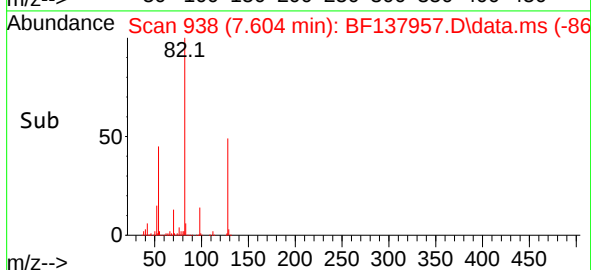
Tgt Ion: 99 Resp: 984939
Ion Ratio Lower Upper
99 100
42 14.9 12.6 18.8
71 32.9 27.1 40.7

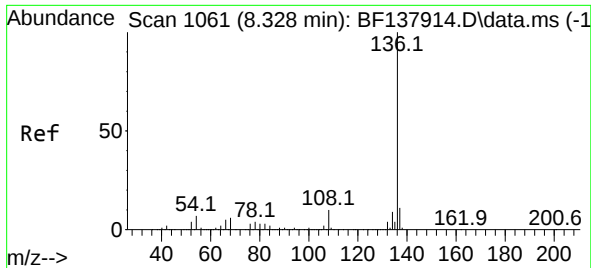


#19
n-Nitroso-di-n-propylamine
Concen: 15.518 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30



Tgt Ion: 70 Resp: 92242
Ion Ratio Lower Upper
70 100
42 42.4 42.2 63.4
101 0.0 8.8 13.2#
130 2.6 19.8 29.8#



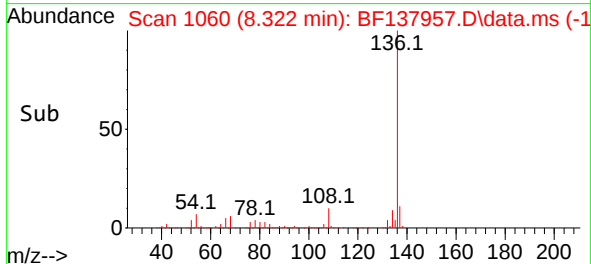
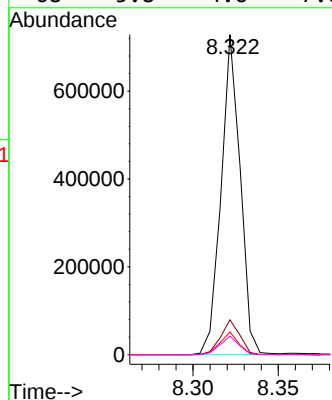
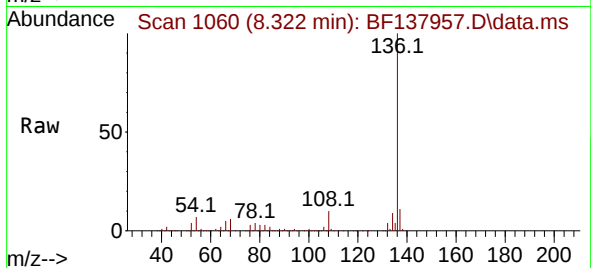


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

Tgt Ion:136 Resp: 568416

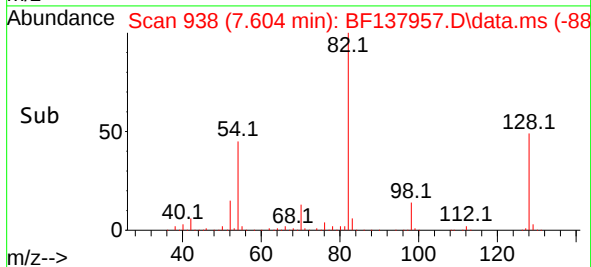
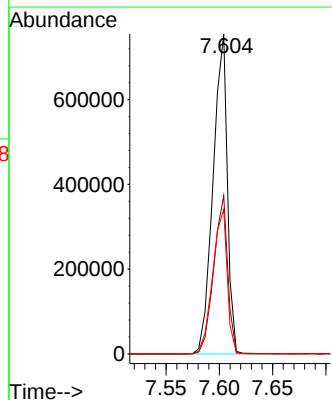
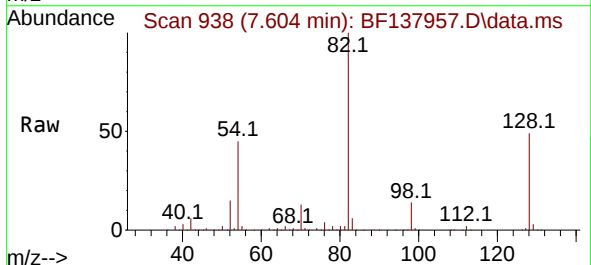
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.1	5.4	8.2
68	5.8	4.6	7.0



#23
Nitrobenzene-d5
Concen: 73.124 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Tgt Ion: 82 Resp: 706275

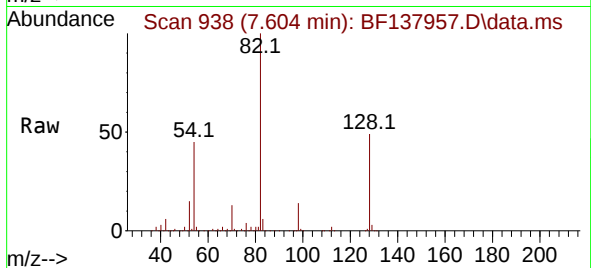
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.3	60.5
54	45.1	36.8	55.2



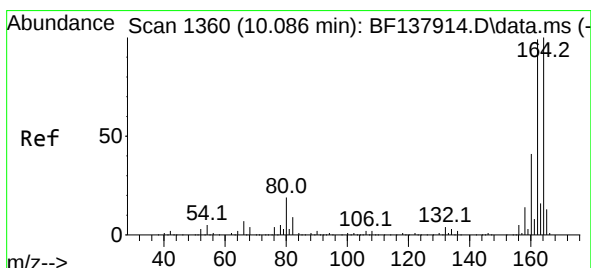
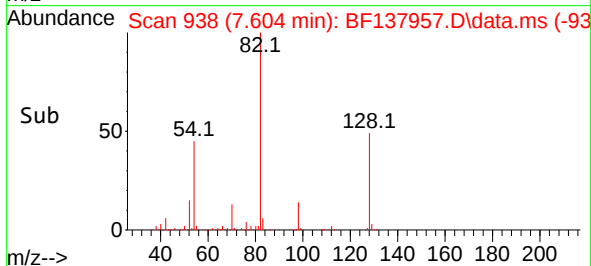
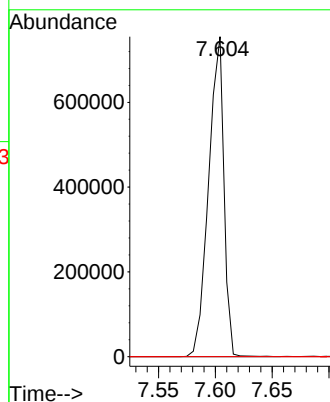


#25
Isophorone
Concen: 42.132 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

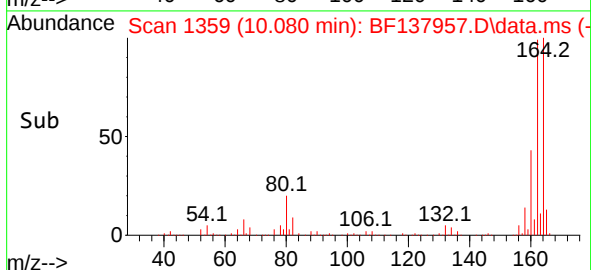
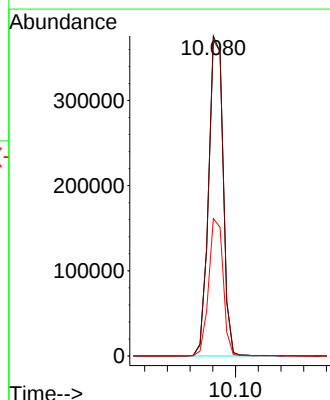
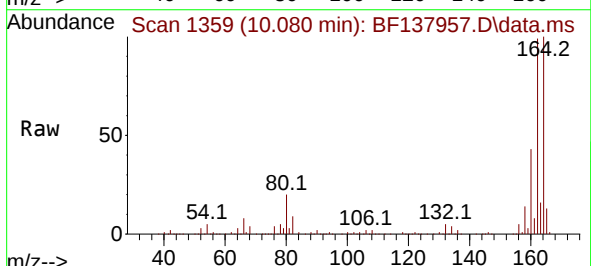


Tgt Ion: 82 Resp: 706267
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Tgt Ion:164 Resp: 333136
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 42.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 130.321 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137957.D

Acq: 20 May 2024 13:30

Instrument :

BNA_F

ClientSampleId :

WC-MH-MM

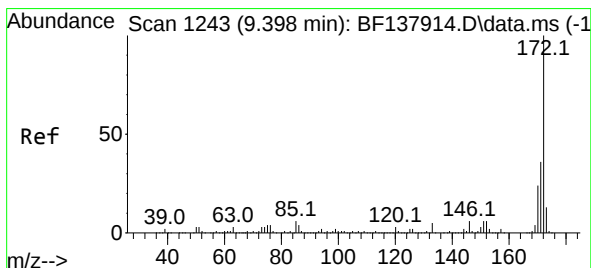
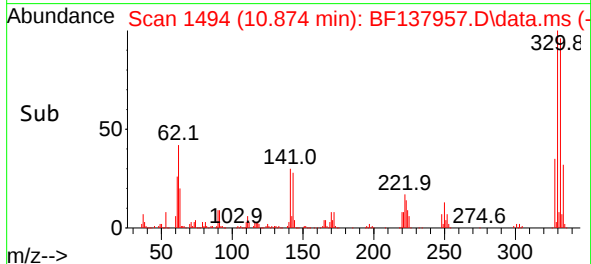
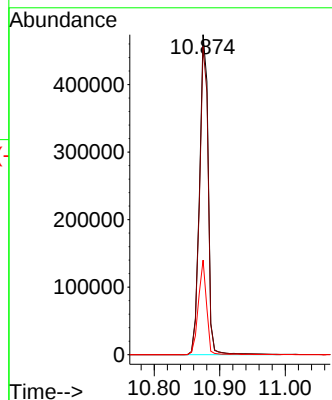
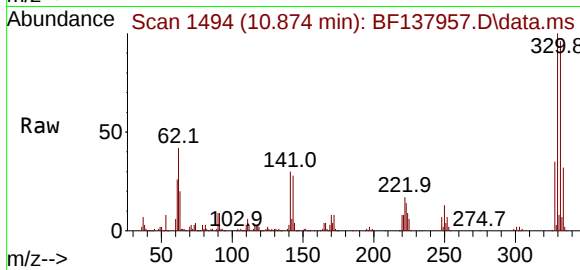
Tgt Ion:330 Resp: 437749

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 73.472 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137957.D

Acq: 20 May 2024 13:30

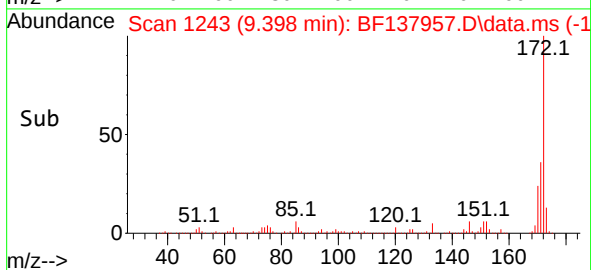
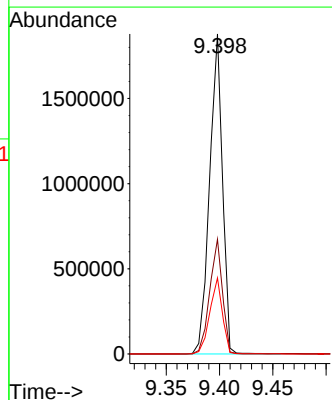
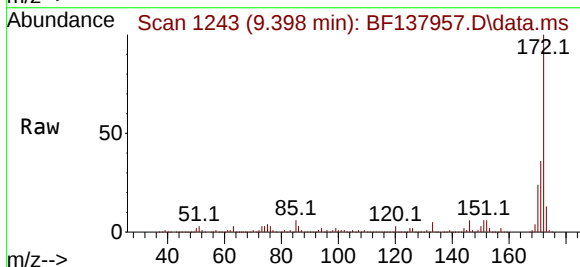
Tgt Ion:172 Resp: 1588961

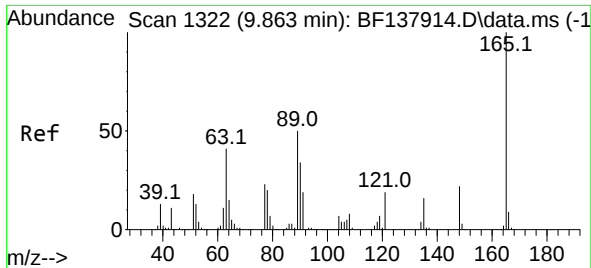
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.8 18.9 28.3

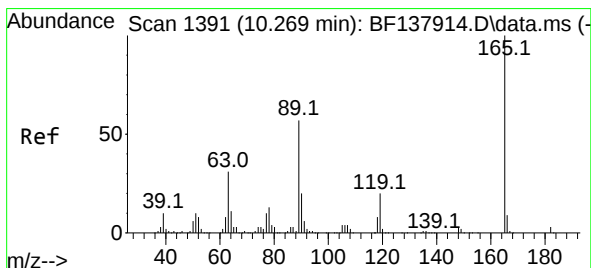
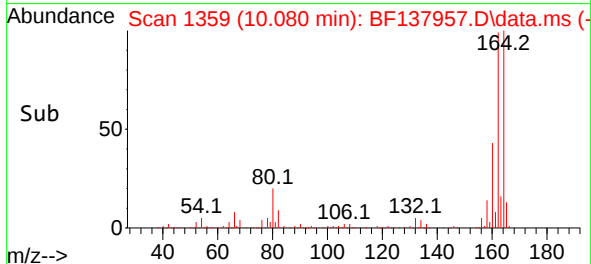
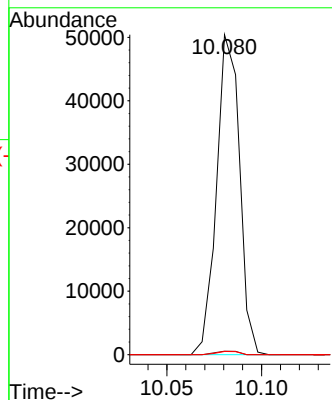
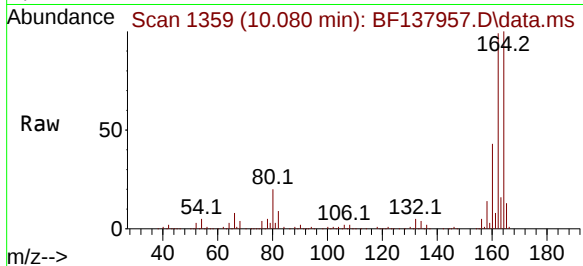




#51
2,6-Dinitrotoluene
Concen: 8.893 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

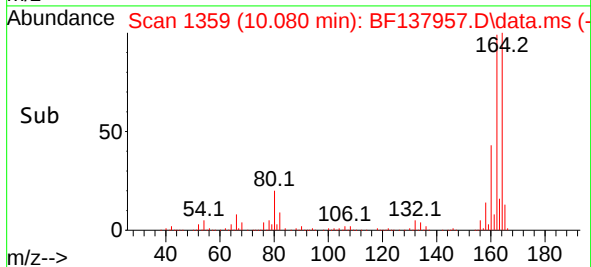
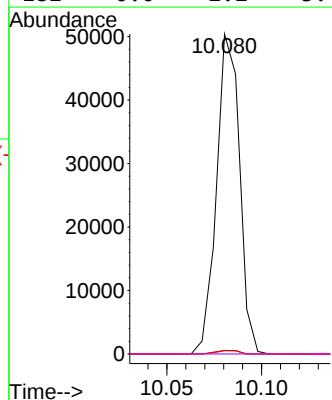
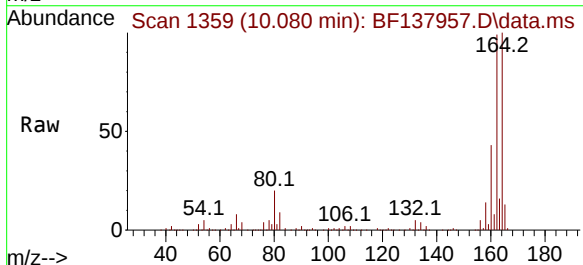
Instrument :
BNA_F
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WC-MH-MM

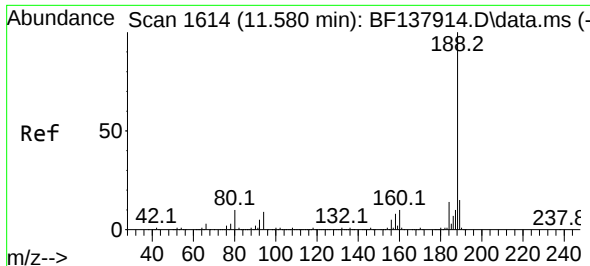
Tgt Ion:165 Resp: 42636
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Tgt Ion:165 Resp: 42636
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#

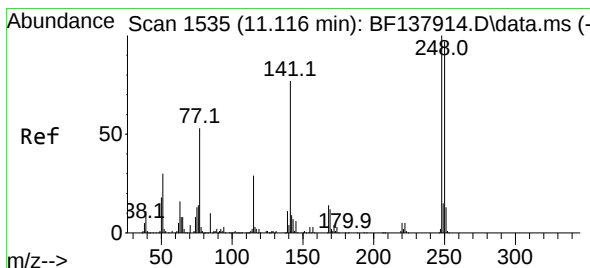
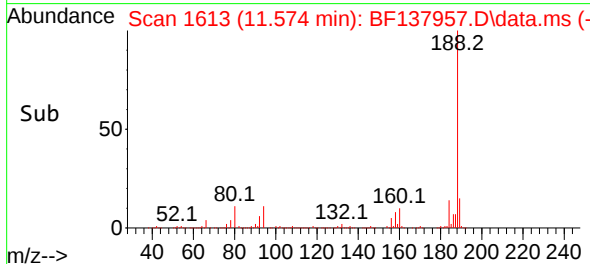
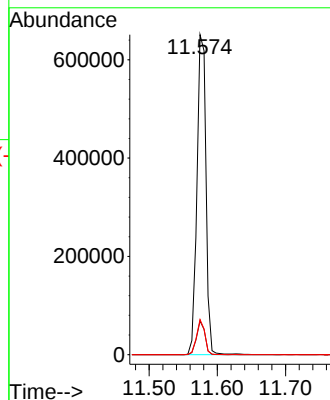
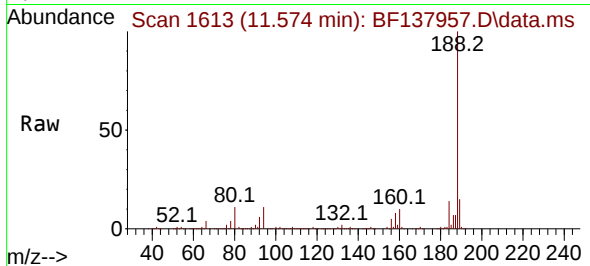




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

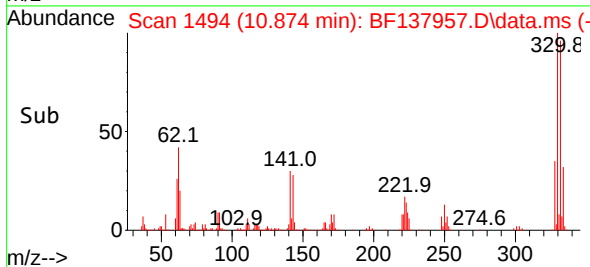
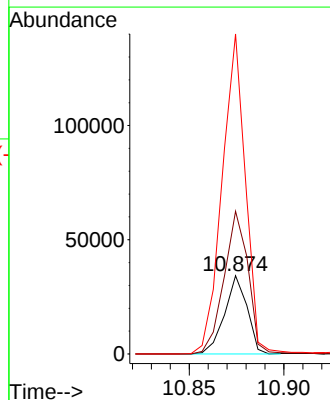
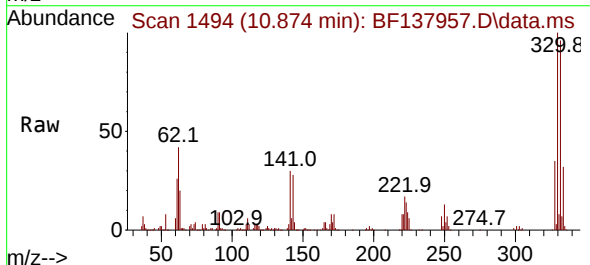
Instrument :
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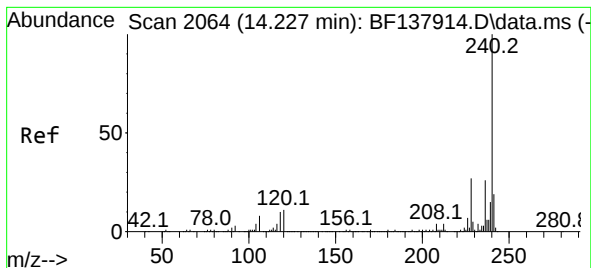
Tgt Ion:188 Resp: 593213
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.4#
80 11.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.372 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Tgt Ion:248 Resp: 28435
Ion Ratio Lower Upper
248 100
250 182.3 77.6 116.4#
141 408.7 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: BF137957.D

Acq: 20 May 2024 13:30

Instrument :

BNA_F

ClientSampleId :

WC-MH-MM

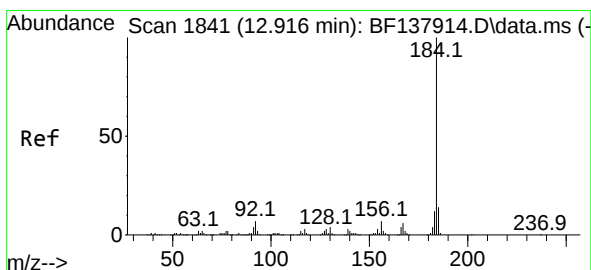
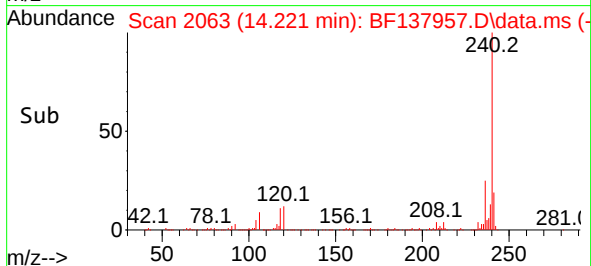
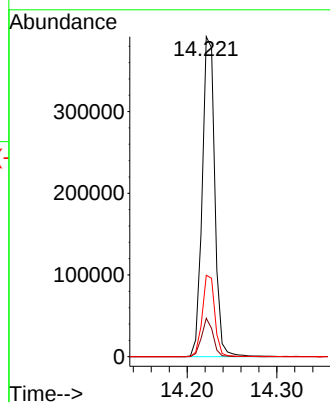
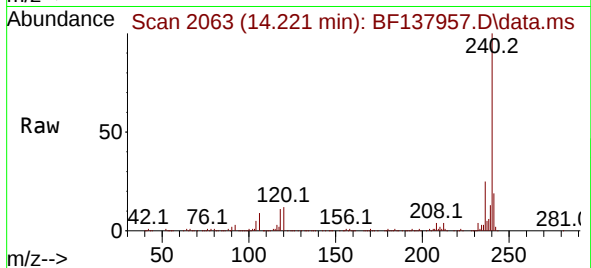
Tgt Ion:240 Resp: 381645

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 25.5 21.0 31.4



#77

Benzidine

Concen: 5.031 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF137957.D

Acq: 20 May 2024 13:30

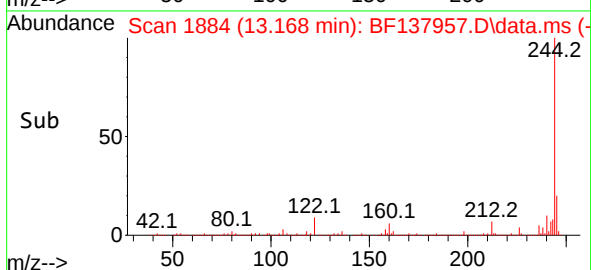
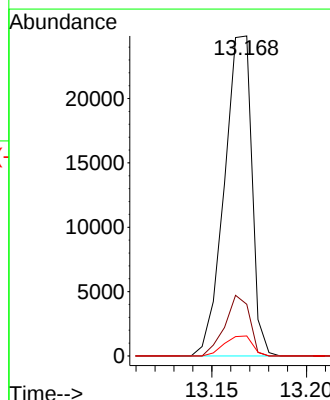
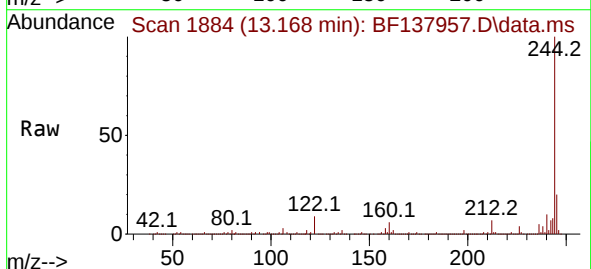
Tgt Ion:184 Resp: 25091

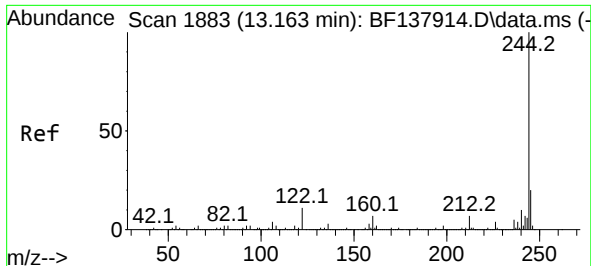
Ion Ratio Lower Upper

184 100

185 16.2 11.4 17.2

183 6.2 9.5 14.3#

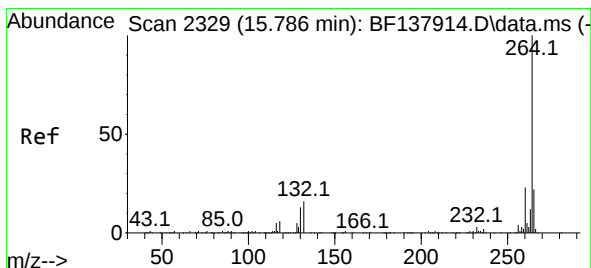
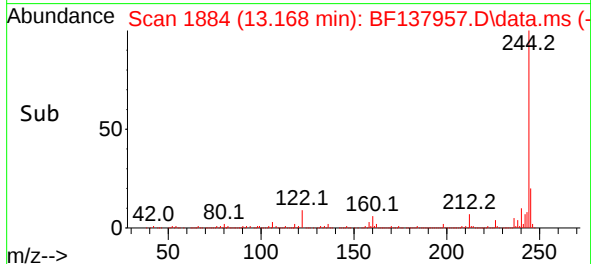
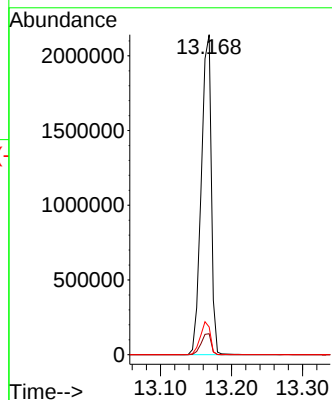
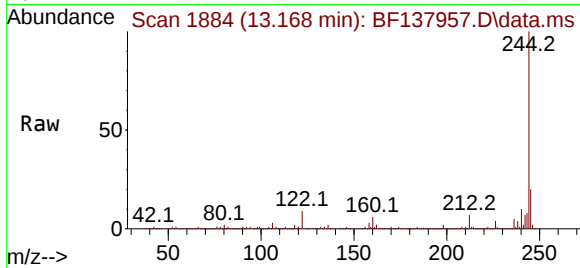




#79
Terphenyl-d14
Concen: 81.132 ng
RT: 13.168 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BF137957.D
Acq: 20 May 2024 13:30

Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

Tgt Ion:244 Resp: 2100947
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 8.6 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: BF137957.D
Acq: 20 May 2024 13:30

Tgt Ion:264 Resp: 350587
Ion Ratio Lower Upper
264 100
260 24.3 18.3 27.5
265 21.9 17.6 26.4

