

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137974.D
 Acq On : 21 May 2024 12:52
 Operator : CG\JU
 Sample : PB160998BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160998BL

Quant Time: May 21 13:14:59 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)

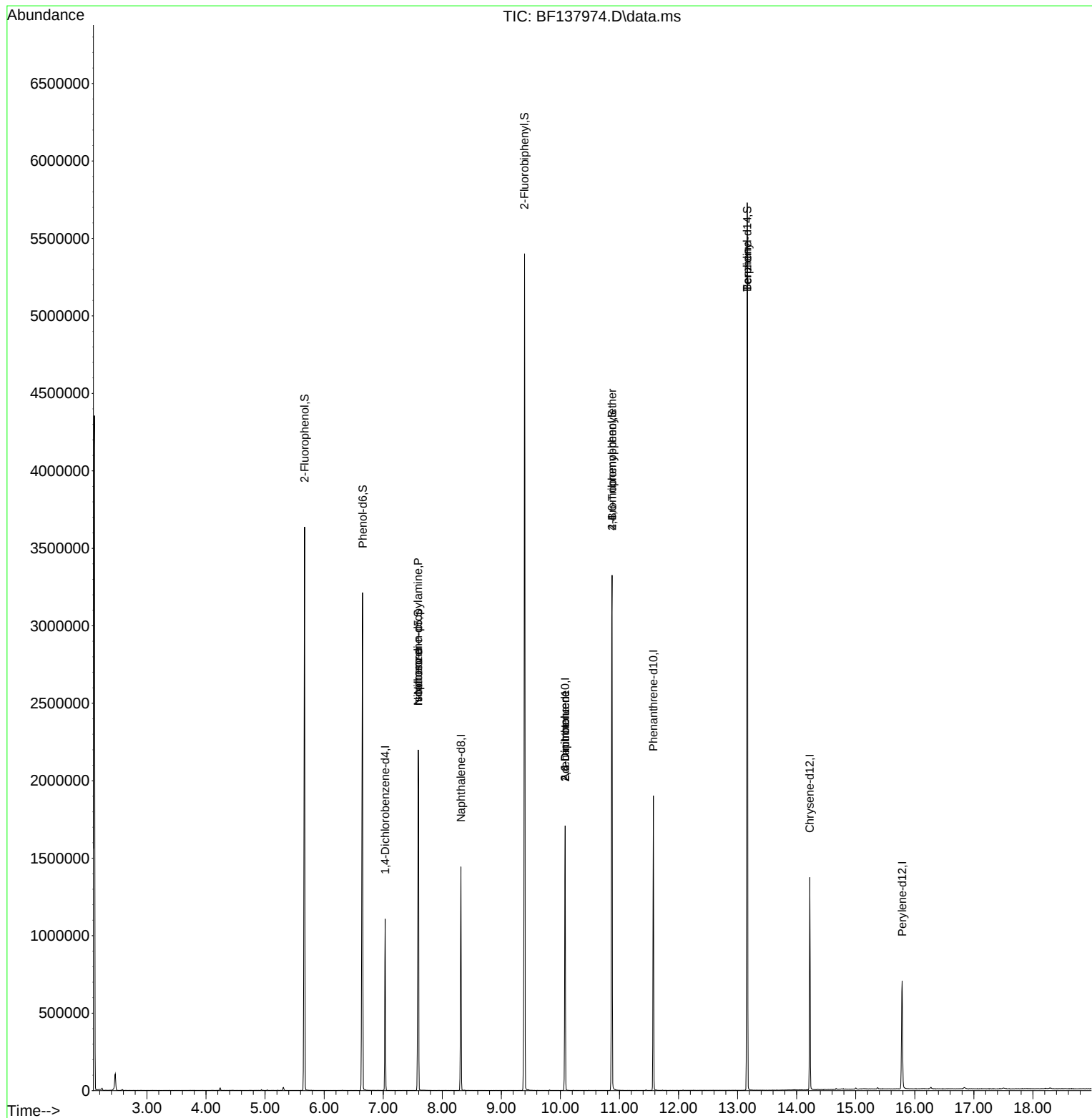
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	160952	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	624402	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	362173	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	641577	20.000	ng	0.00
76) Chrysene-d12	14.221	240	425174	20.000	ng	0.00
86) Perylene-d12	15.786	264	346812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1107672	116.901	ng	0.00
7) Phenol-d6	6.651	99	1345543	115.279	ng	0.00
23) Nitrobenzene-d5	7.593	82	838331	79.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	465879	127.576	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1804553	76.751	ng	0.00
79) Terphenyl-d14	13.163	244	2200491	76.277	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.593	70	110301	16.820	ng	# 75
25) Isophorone	7.593	82	838323	45.526	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	46657	8.951	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	46657	6.924	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	30576	4.347	ng	# 1
77) Benzidine	13.163	184	25669	4.620	ng	# 91

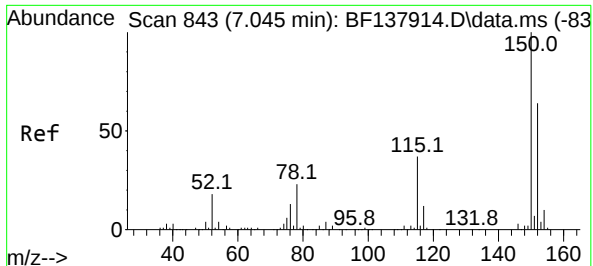
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137974.D
Acq On : 21 May 2024 12:52
Operator : CG\JU
Sample : PB160998BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160998BL

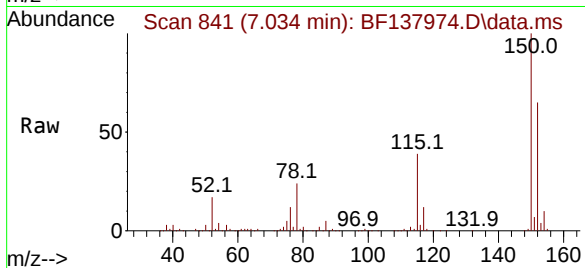
Quant Time: May 21 13:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration



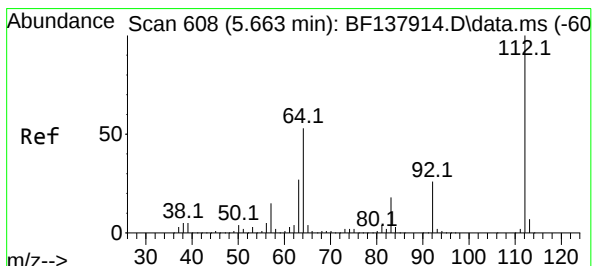
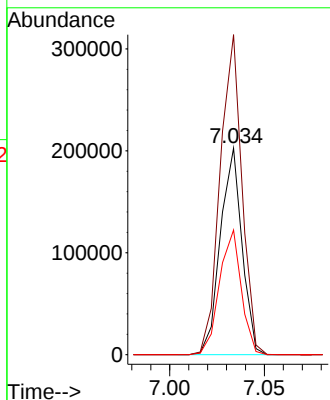
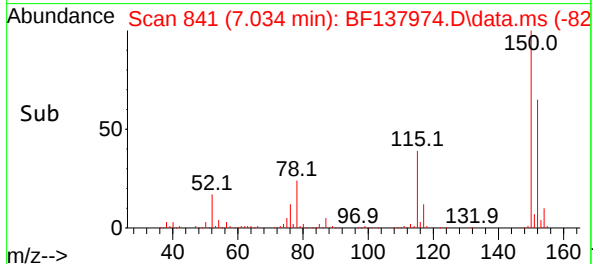


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

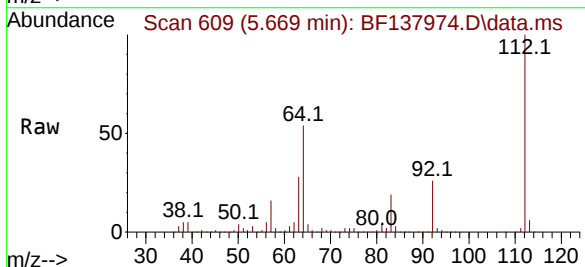
Instrument :
BNA_F
ClientSampleId :
PB160998BL



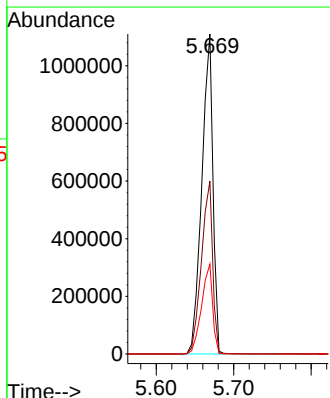
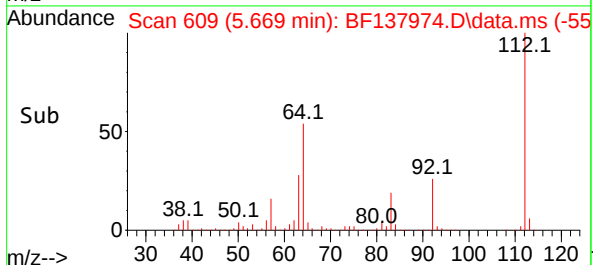
Tgt Ion:152 Resp: 160952
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 60.3 47.0 70.6

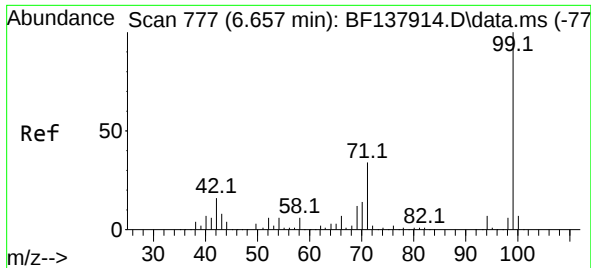


#5
2-Fluorophenol
Concen: 116.901 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52



Tgt Ion:112 Resp: 1107672
Ion Ratio Lower Upper
112 100
64 54.0 42.4 63.6
63 28.1 21.4 32.2

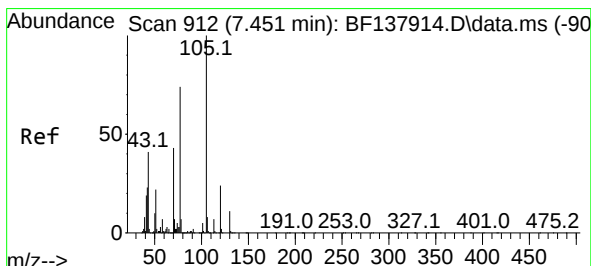
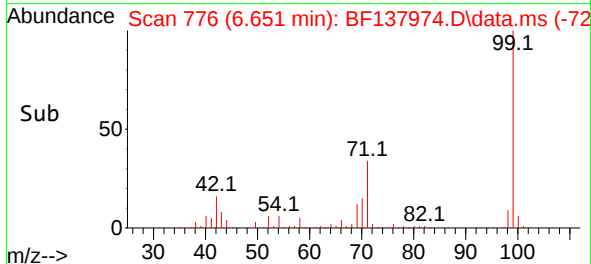
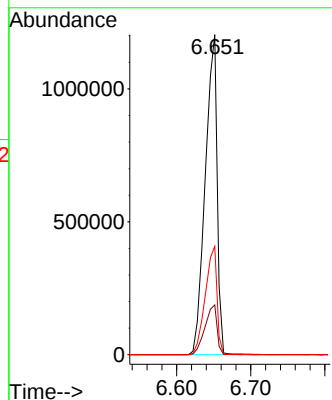
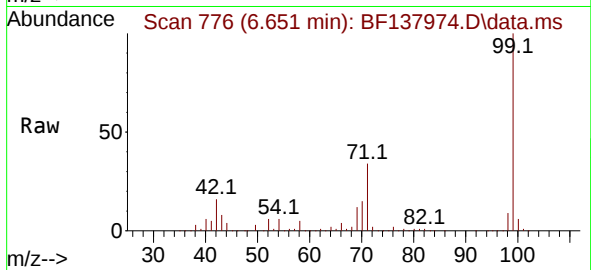




#7
Phenol-d6
Concen: 115.279 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

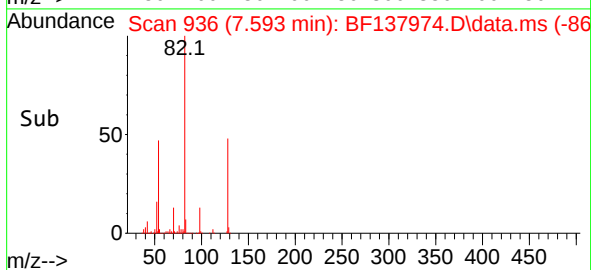
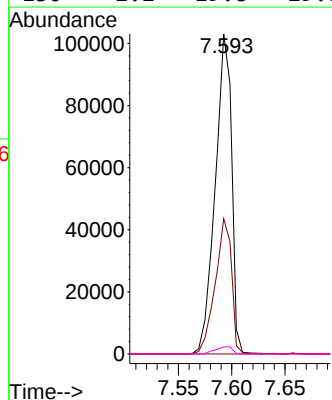
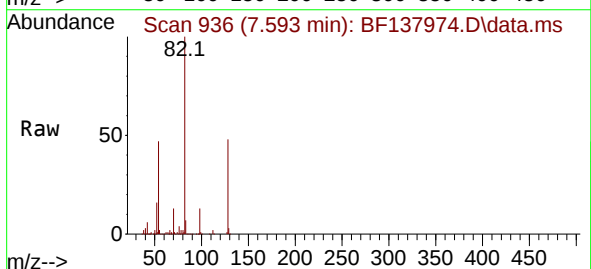
Instrument :
BNA_F
ClientSampleId :
PB160998BL

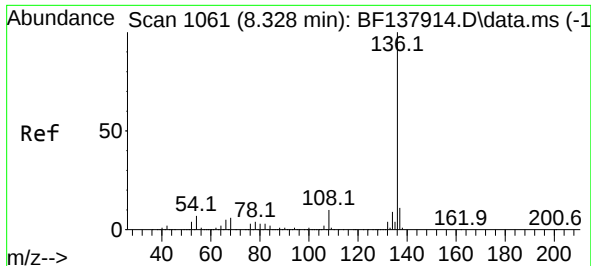
Tgt Ion: 99 Resp: 1345543
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.820 ng
RT: 7.593 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion: 70 Resp: 110301
Ion Ratio Lower Upper
70 100
42 42.2 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB160998BL

Tgt Ion:136 Resp: 624402

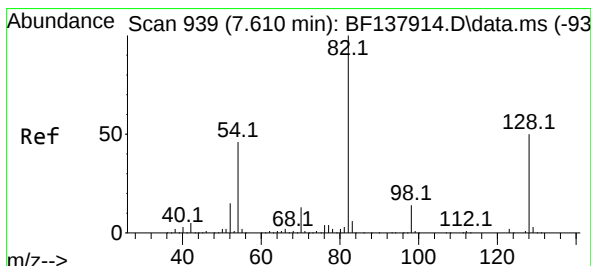
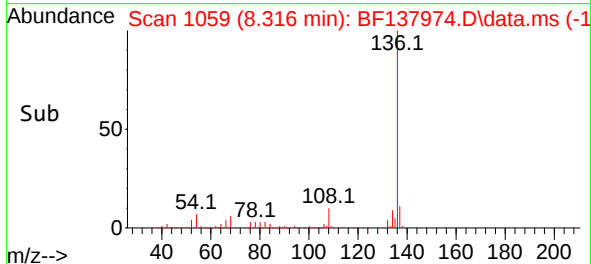
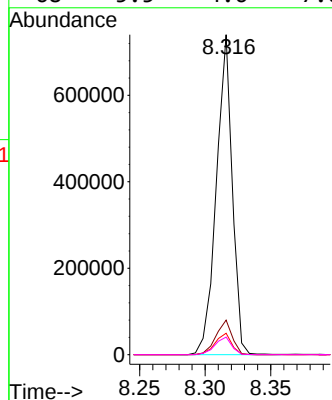
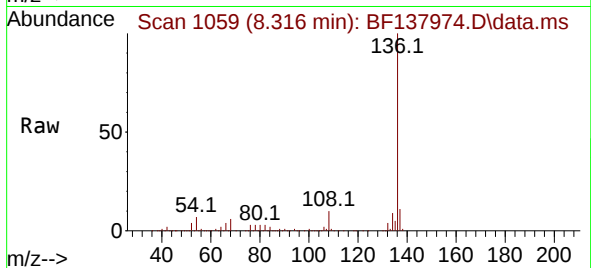
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.7 5.4 8.2

68 5.5 4.6 7.0



#23
Nitrobenzene-d5
Concen: 79.013 ng
RT: 7.593 min Scan# 936
Delta R.T. -0.017 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

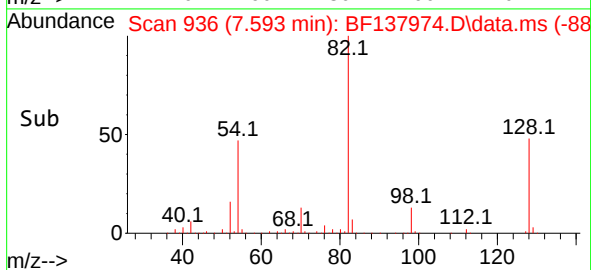
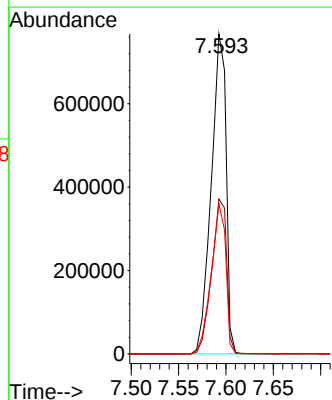
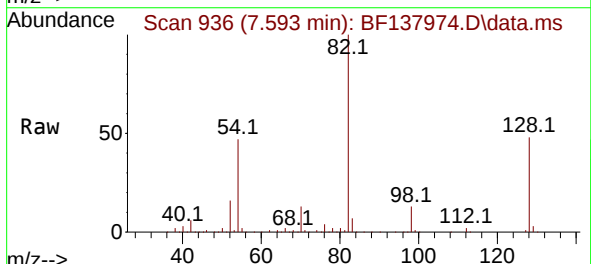
Tgt Ion: 82 Resp: 838331

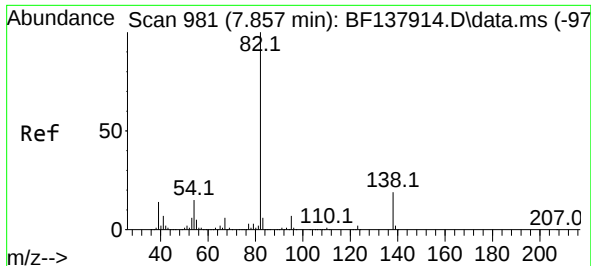
Ion Ratio Lower Upper

82 100

128 48.4 40.3 60.5

54 46.8 36.8 55.2

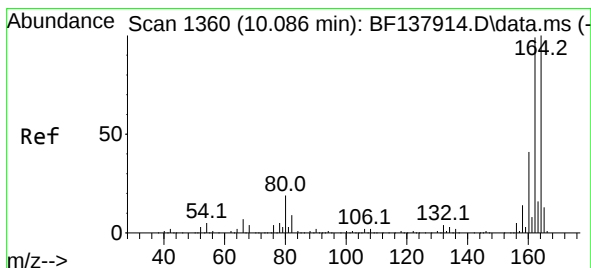
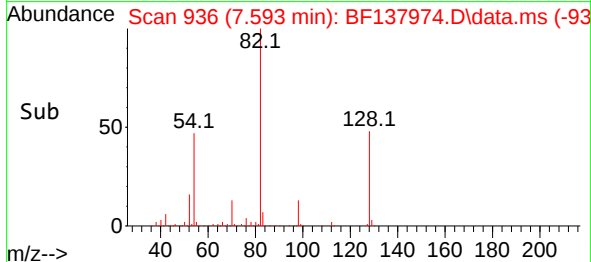
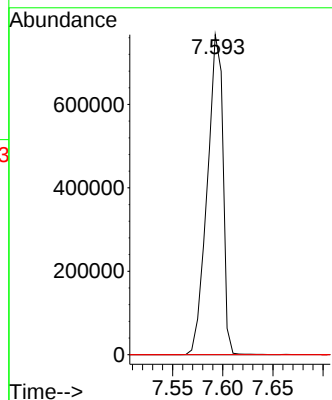
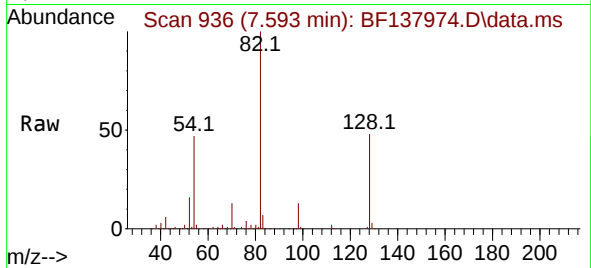




#25
Isophorone
Concen: 45.526 ng
RT: 7.593 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

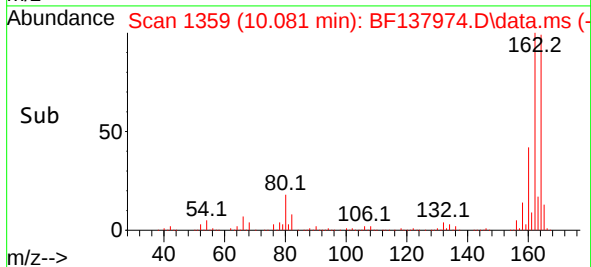
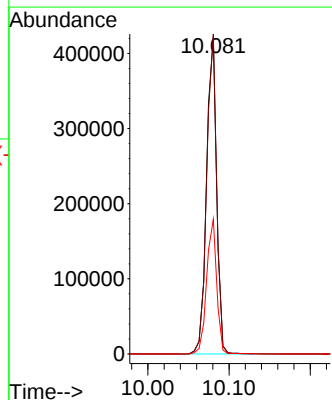
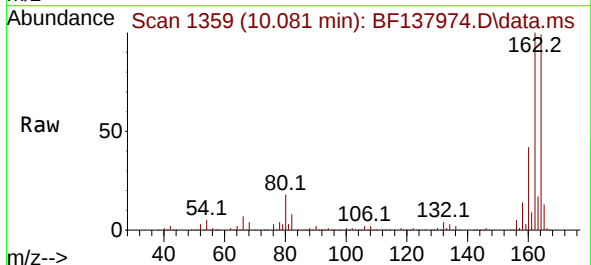
Instrument :
BNA_F
ClientSampleId :
PB160998BL

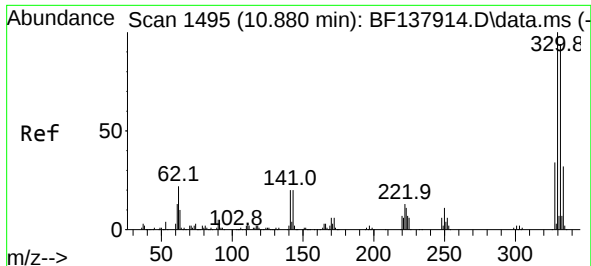
Tgt Ion: 82 Resp: 838323
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

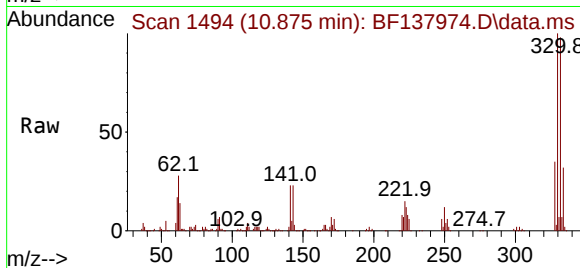
Tgt Ion:164 Resp: 362173
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 42.6 33.1 49.7



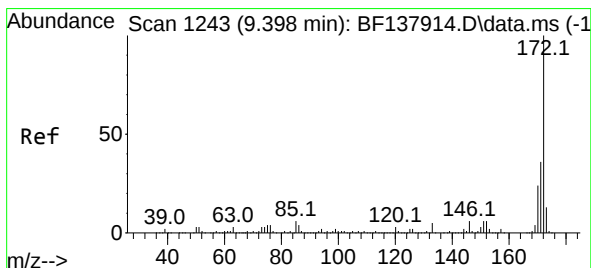
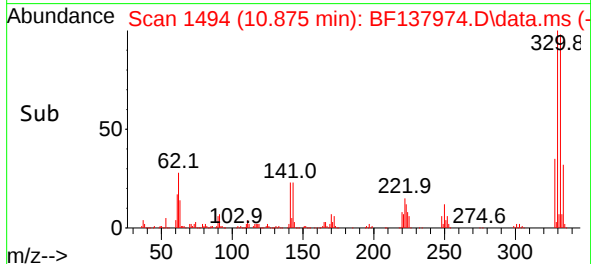
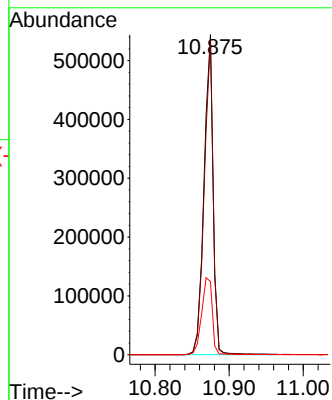


#42
2,4,6-Tribromophenol
Concen: 127.576 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PB160998BL

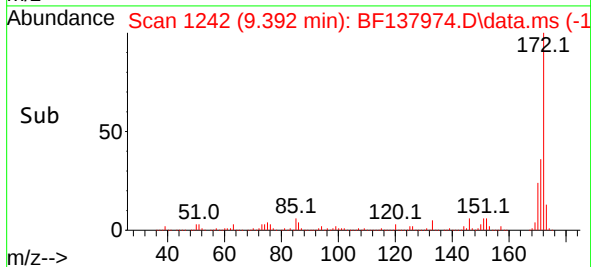
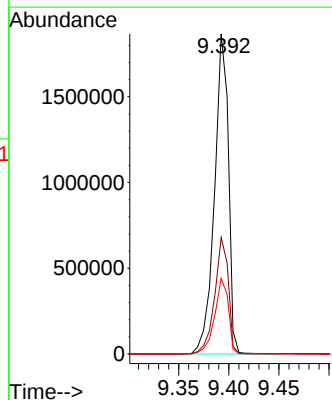
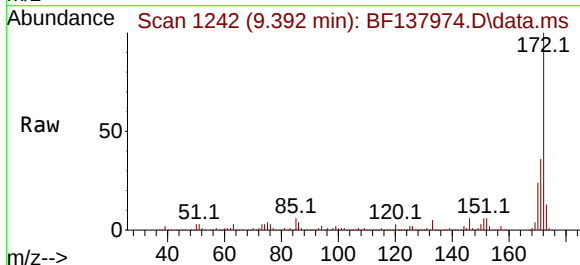


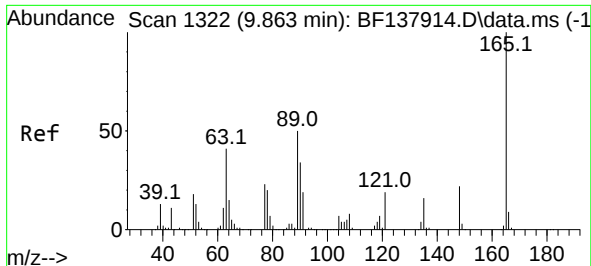
Tgt Ion:330 Resp: 465879
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 27.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 76.751 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:172 Resp: 1804553
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.951 ng

RT: 10.081 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF137974.D

Acq: 21 May 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB160998BL

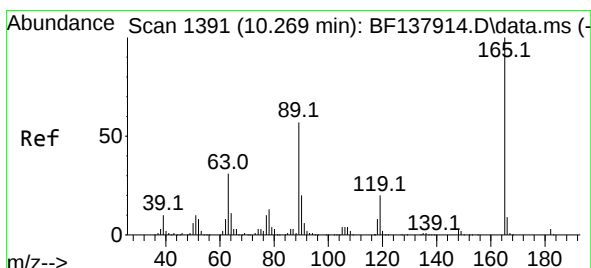
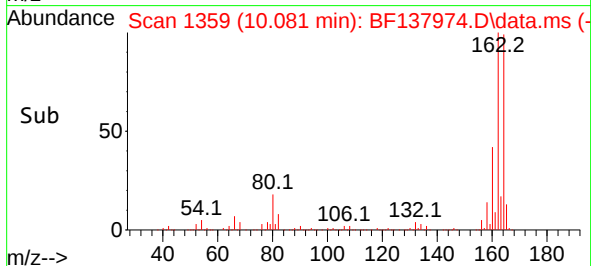
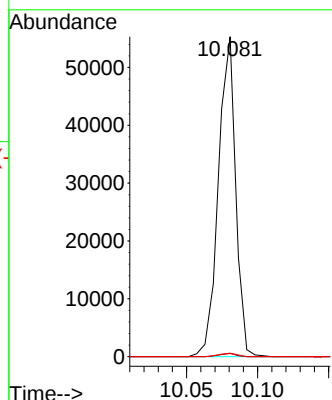
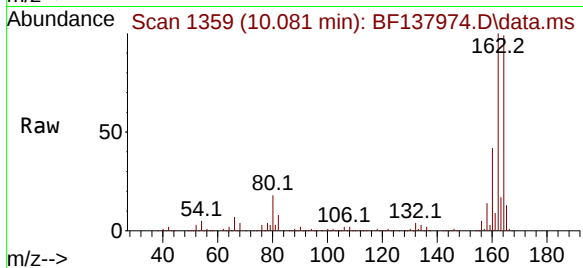
Tgt Ion:165 Resp: 46657

Ion Ratio Lower Upper

165 100

63 1.0 38.9 58.3#

89 1.1 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.924 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF137974.D

Acq: 21 May 2024 12:52

Tgt Ion:165 Resp: 46657

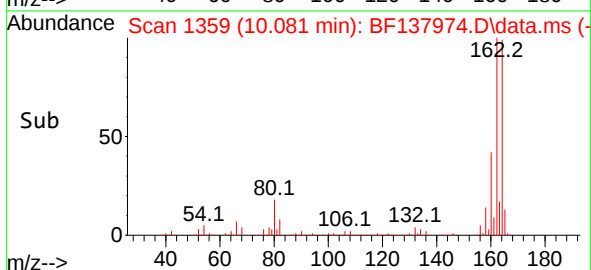
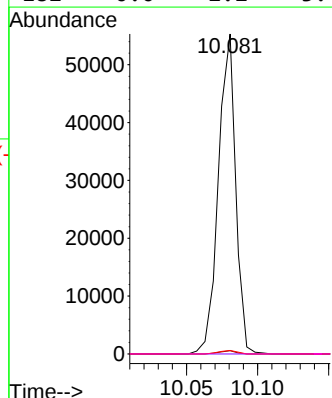
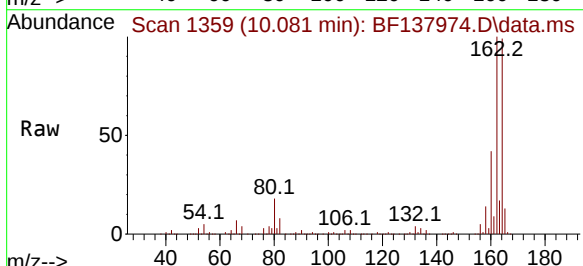
Ion Ratio Lower Upper

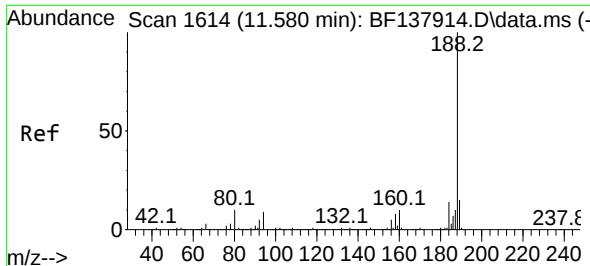
165 100

63 1.0 25.3 37.9#

89 1.1 45.9 68.9#

182 0.0 2.2 3.4#

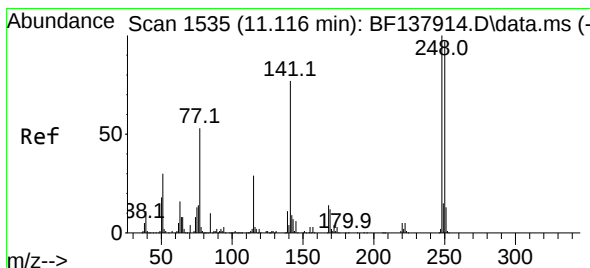
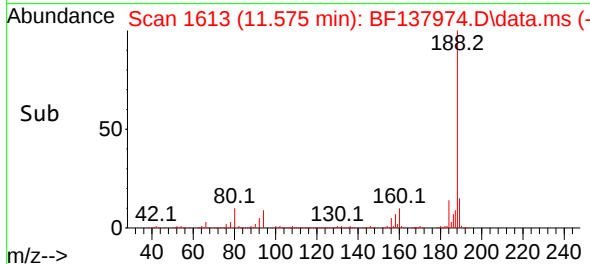
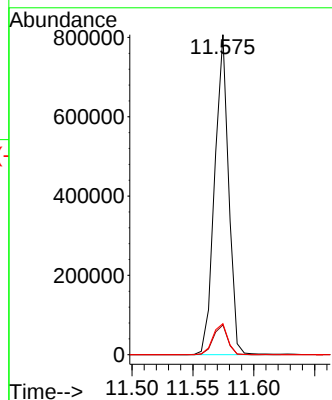
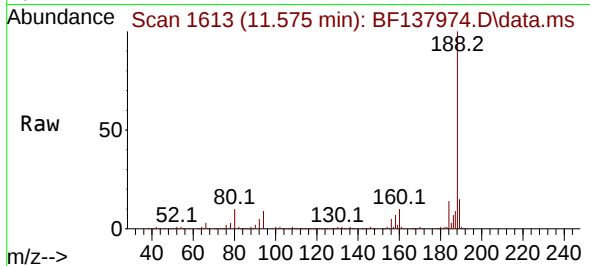




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

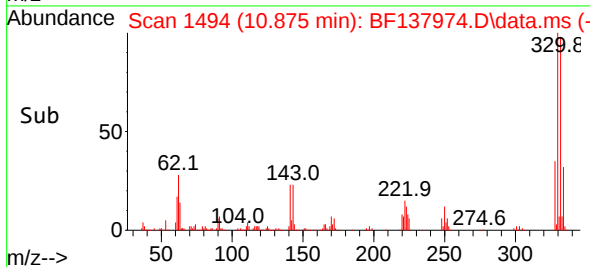
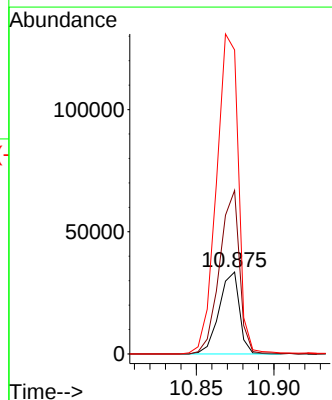
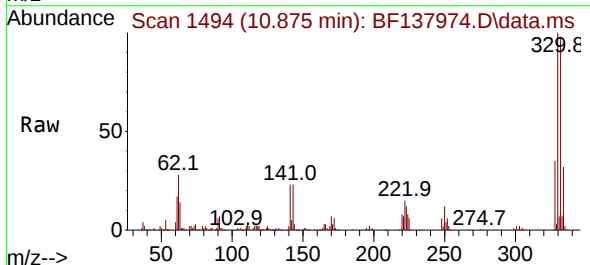
Instrument :
BNA_F
ClientSampleId :
PB160998BL

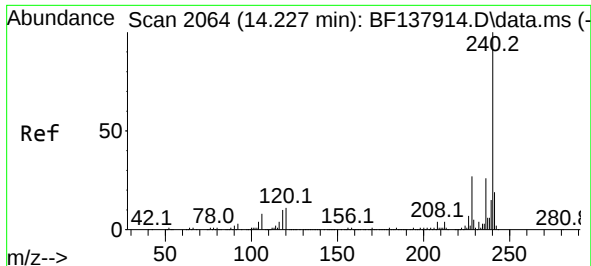
Tgt Ion:188 Resp: 641577
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.347 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:248 Resp: 30576
Ion Ratio Lower Upper
248 100
250 199.5 77.6 116.4#
141 371.0 61.4 92.2#

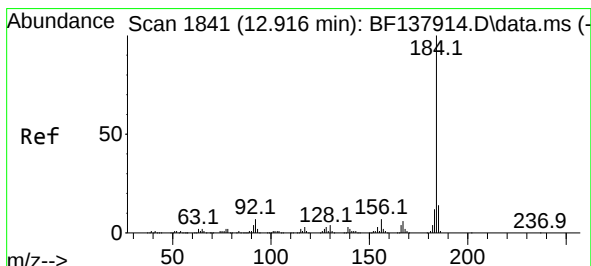
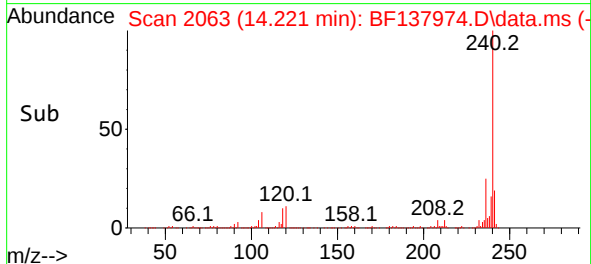
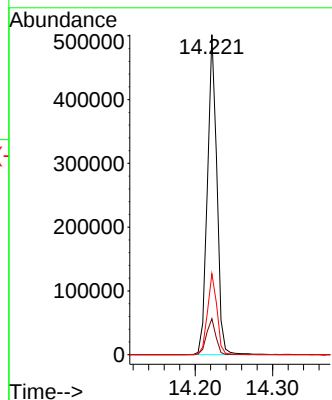
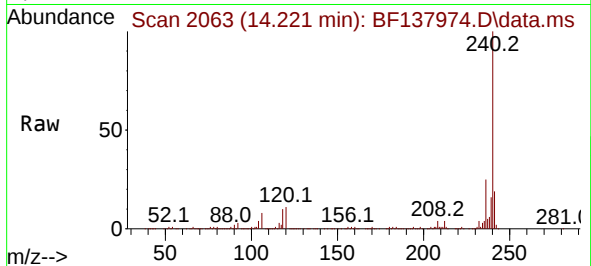




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

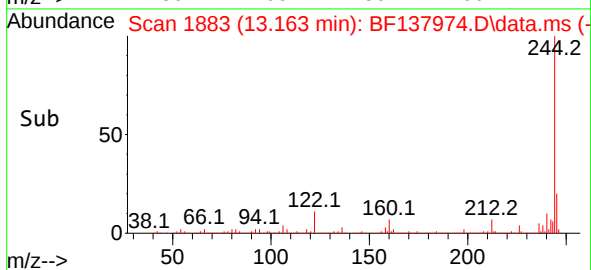
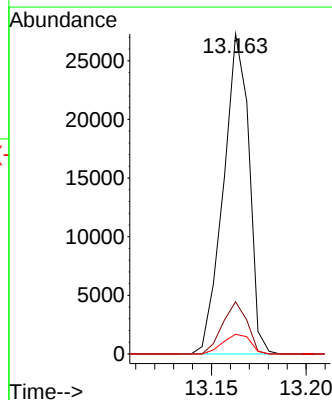
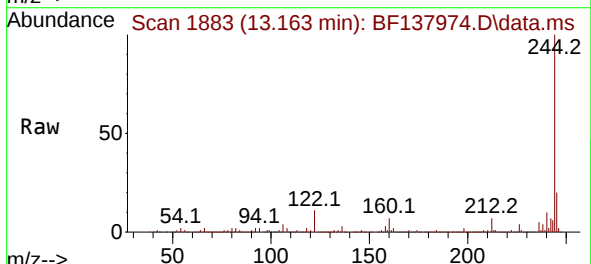
Instrument :
BNA_F
ClientSampleId :
PB160998BL

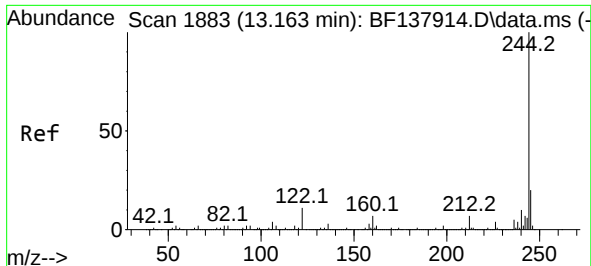
Tgt Ion:240 Resp: 425174
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.3 21.0 31.4



#77
Benzidine
Concen: 4.620 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:184 Resp: 25669
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.2
183 6.2 9.5 14.3#

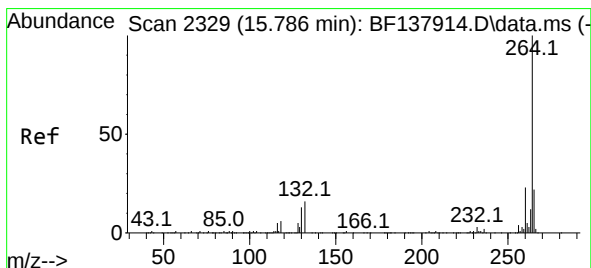
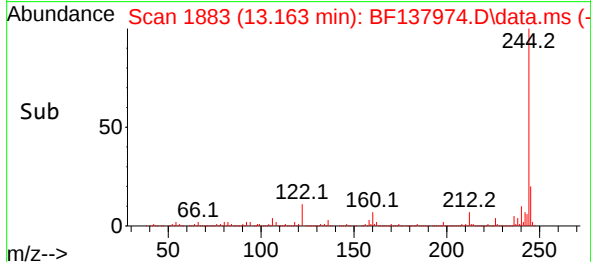
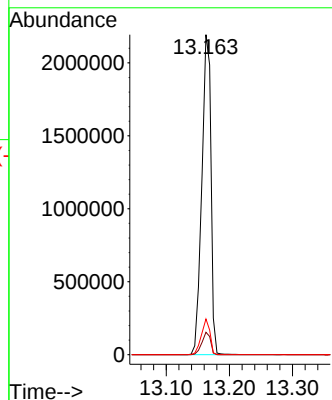
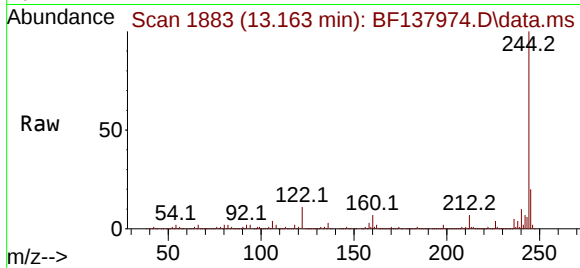




#79
 Terphenyl-d14
 Concen: 76.277 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137974.D
 Acq: 21 May 2024 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB160998BL

Tgt Ion:244 Resp: 2200491
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 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: BF137974.D
 Acq: 21 May 2024 12:52

Tgt Ion:264 Resp: 346812
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.5 17.6 26.4

