

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137976.D
 Acq On : 21 May 2024 13:54
 Operator : CG\JU
 Sample : PB160966TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160966TB

Quant Time: May 21 14:32:28 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)

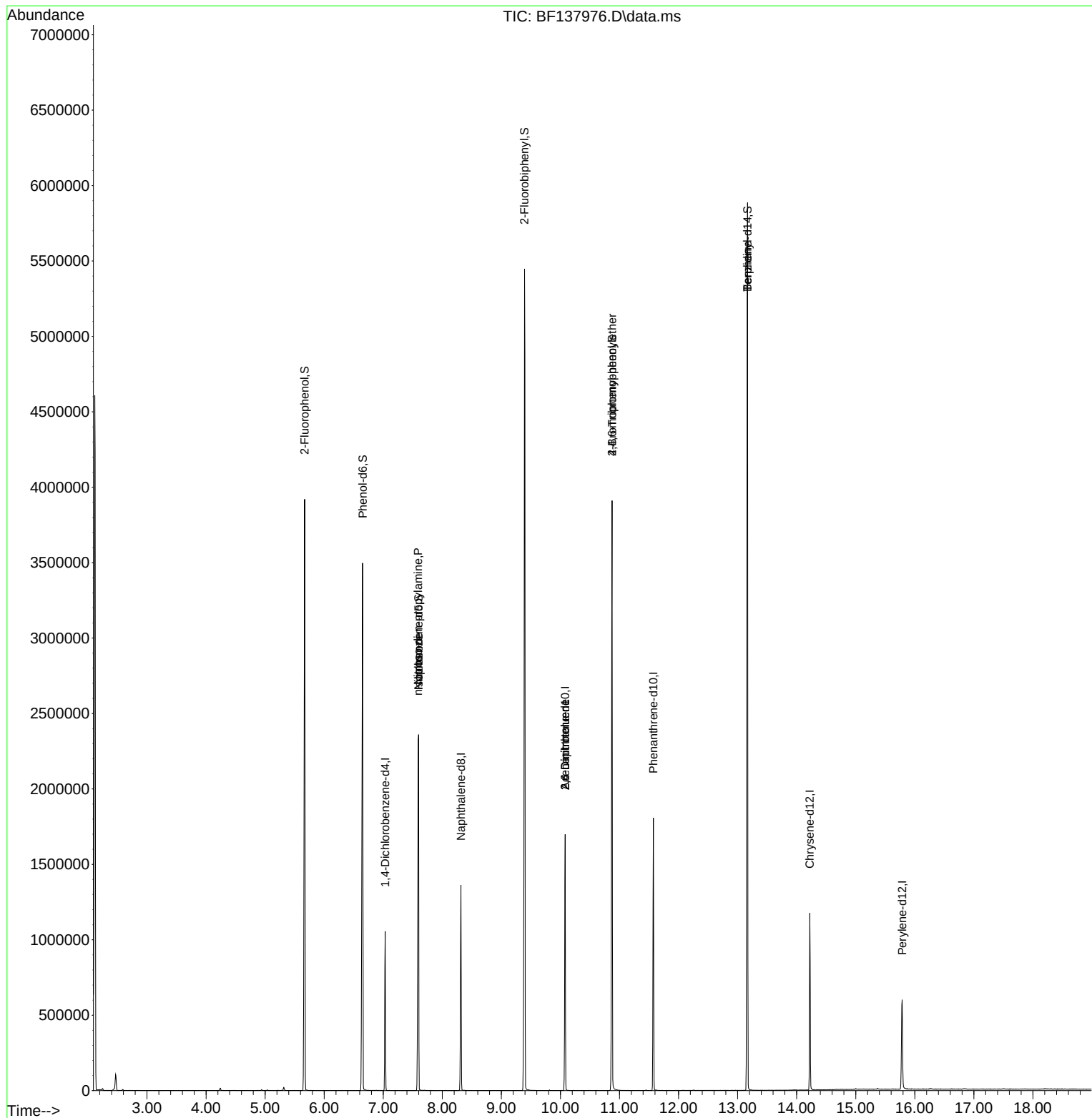
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	152768	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	603272	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	352804	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	621184	20.000	ng	0.00
76) Chrysene-d12	14.221	240	372435	20.000	ng	0.00
86) Perylene-d12	15.786	264	305838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1243973	138.319	ng	0.00
7) Phenol-d6	6.651	99	1496496	135.080	ng	0.00
23) Nitrobenzene-d5	7.598	82	942672	91.960	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	532089	149.576	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	2039073	89.029	ng	0.00
79) Terphenyl-d14	13.169	244	2366031	93.629	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.592	70	125909	20.229	ng	# 75
25) Isophorone	7.598	82	942665	52.985	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	45071	8.876	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	45071	6.866	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	33317	4.892	ng	# 1
77) Benzidine	13.169	184	28700	5.896	ng	# 91

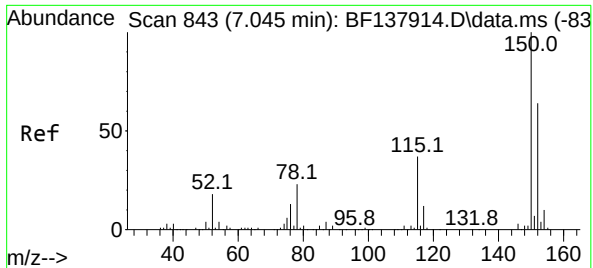
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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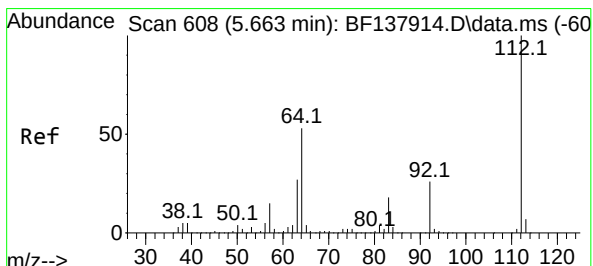
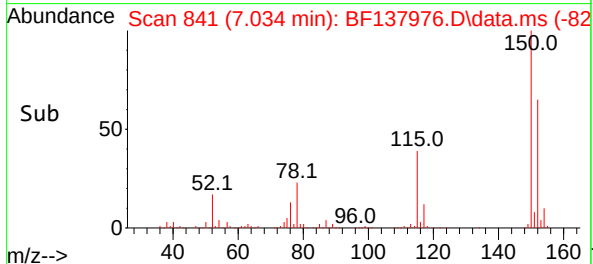
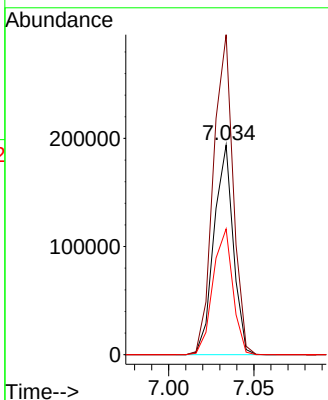
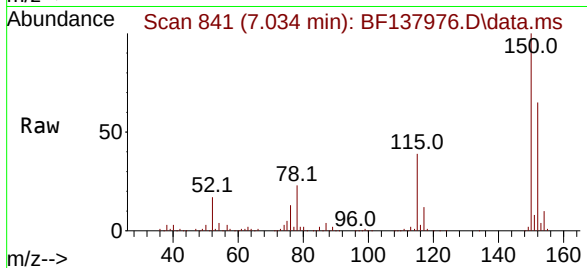




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

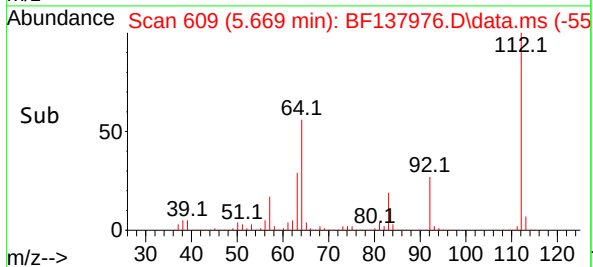
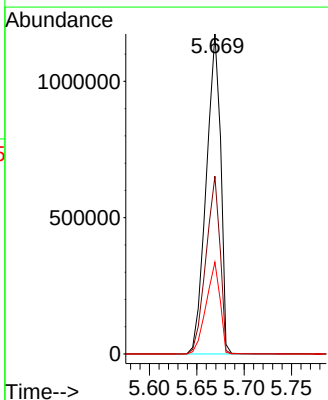
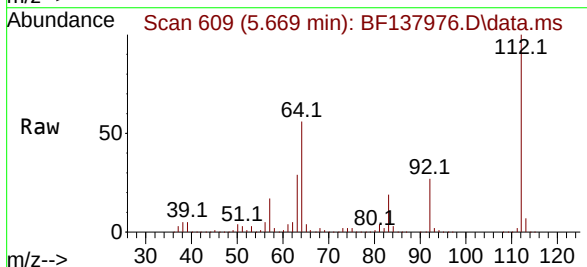
Instrument :
BNA_F
ClientSampleId :
PB160966TB

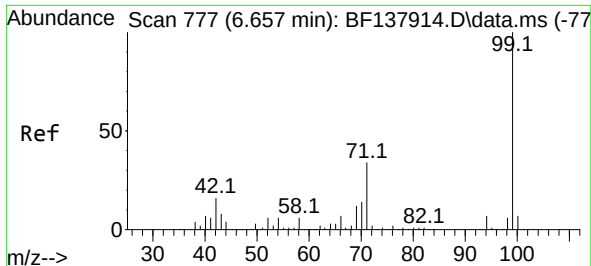
Tgt Ion:152 Resp: 152768
Ion Ratio Lower Upper
152 100
150 152.7 125.7 188.5
115 60.0 47.0 70.6



#5
2-Fluorophenol
Concen: 138.319 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Tgt Ion:112 Resp: 1243973
Ion Ratio Lower Upper
112 100
64 55.5 42.4 63.6
63 28.7 21.4 32.2

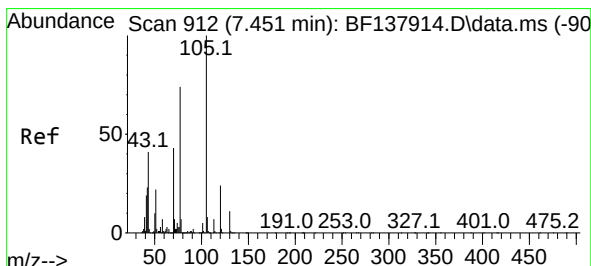
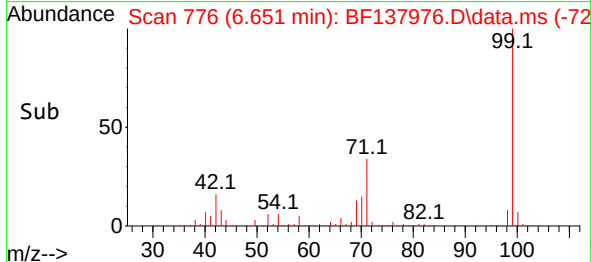
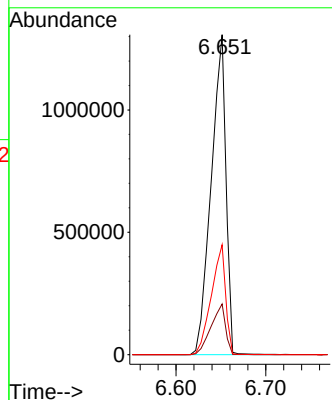
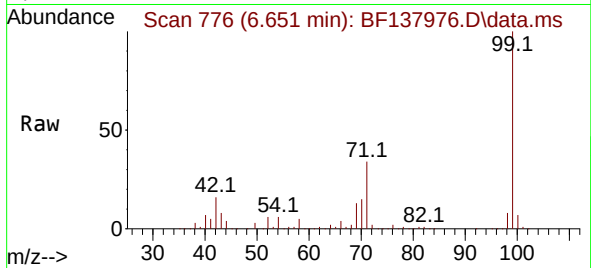




#7
Phenol-d6
Concen: 135.080 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

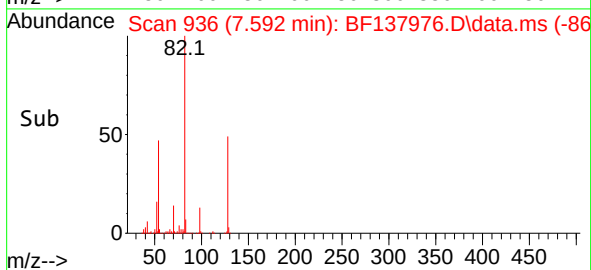
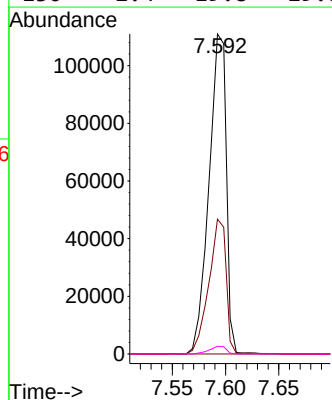
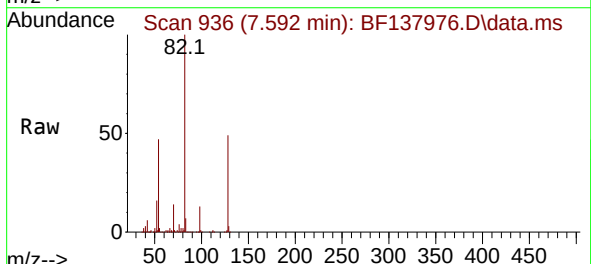
Instrument :
BNA_F
ClientSampleId :
PB160966TB

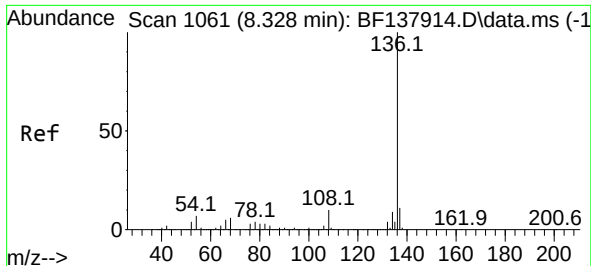
Tgt Ion: 99 Resp: 1496496
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.229 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Tgt Ion: 70 Resp: 125909
Ion Ratio Lower Upper
70 100
42 42.2 42.2 63.4#
101 0.0 8.8 13.2#
130 2.4 19.8 29.8#



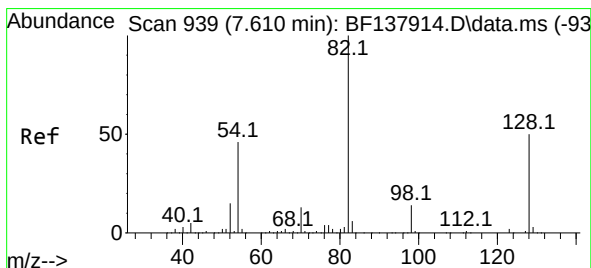
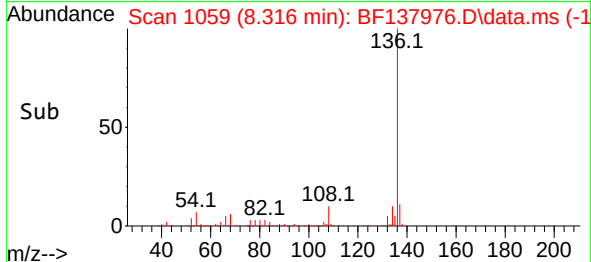
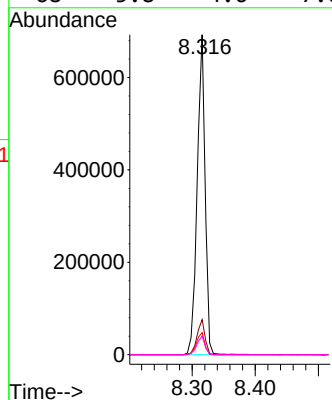
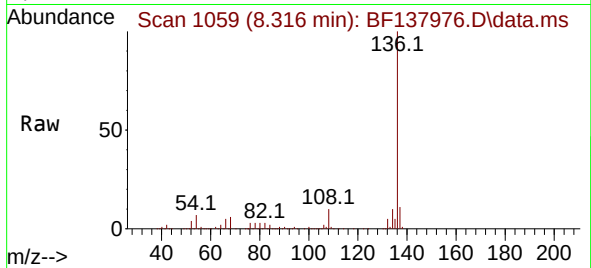


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB160966TB

Tgt Ion:136 Resp: 603272

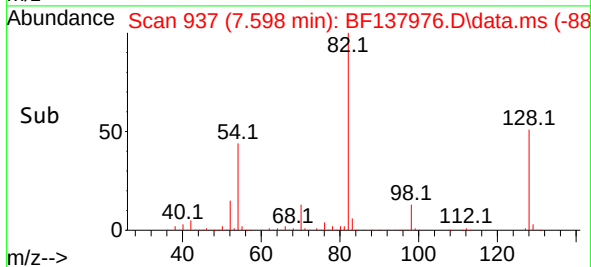
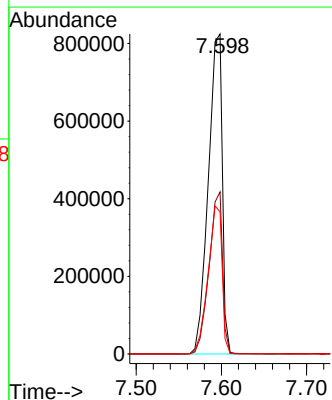
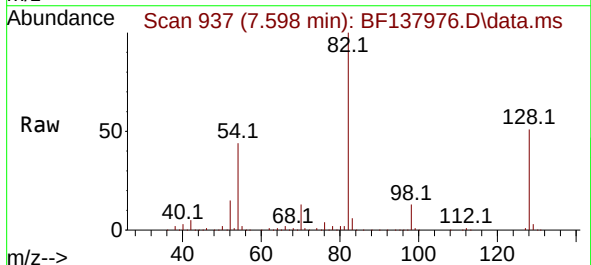
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.9	5.4	8.2
68	5.8	4.6	7.0

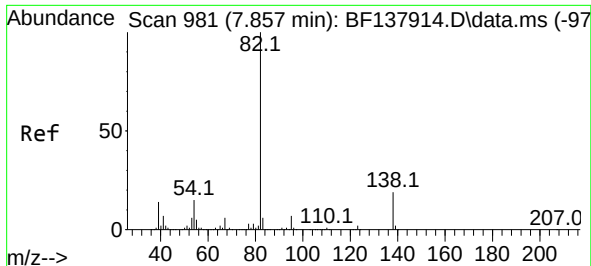


#23
Nitrobenzene-d5
Concen: 91.960 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Tgt Ion: 82 Resp: 942672

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.3	60.5
54	44.4	36.8	55.2

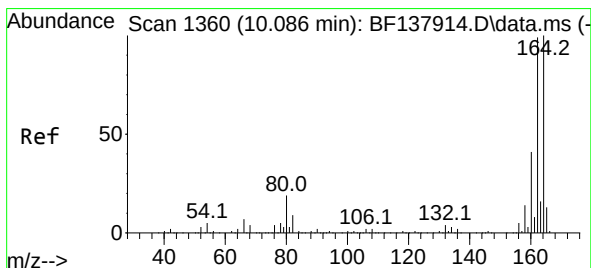
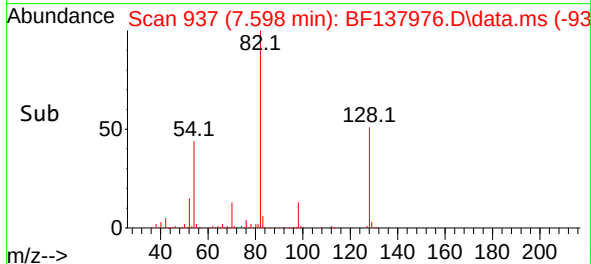
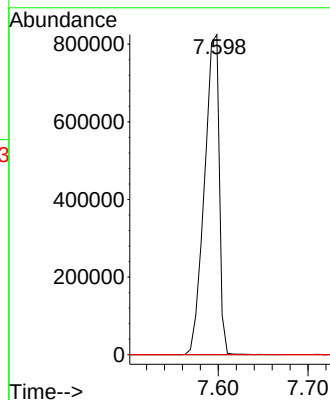
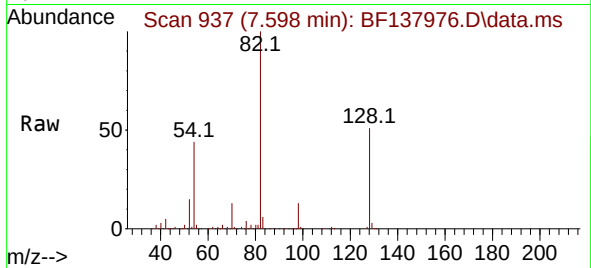




#25
Isophorone
Concen: 52.985 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

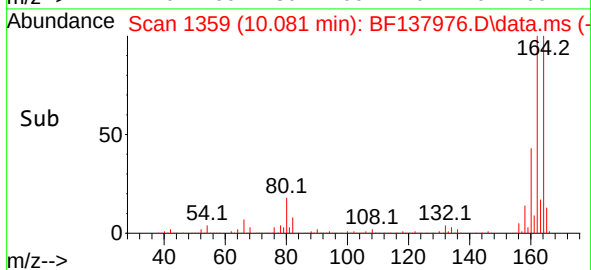
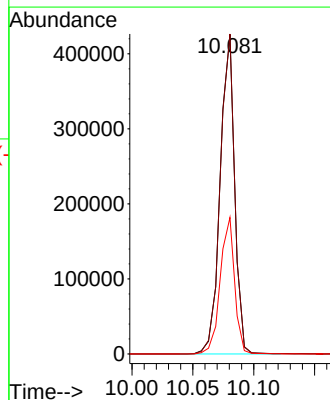
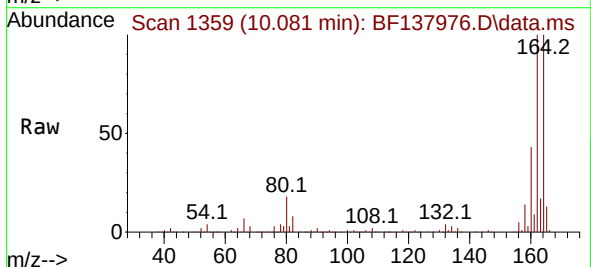
Instrument :
BNA_F
ClientSampleId :
PB160966TB

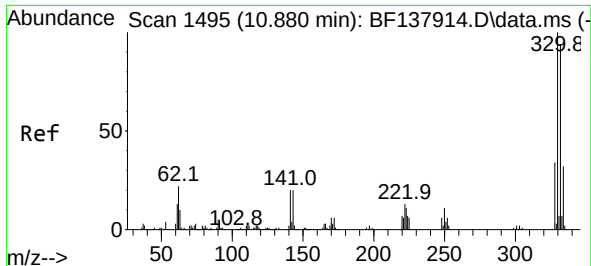
Tgt Ion: 82 Resp: 942665
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Tgt Ion:164 Resp: 352804
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 42.7 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 149.576 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137976.D

Acq: 21 May 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB160966TB

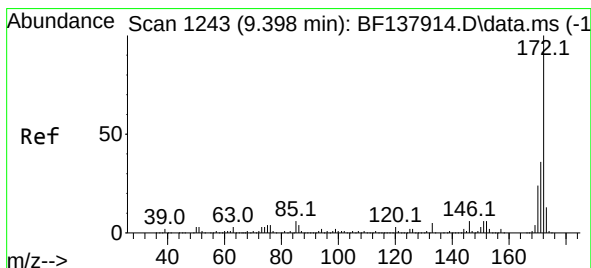
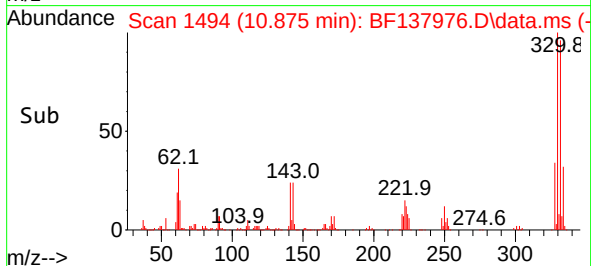
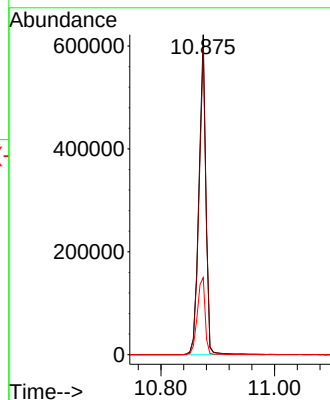
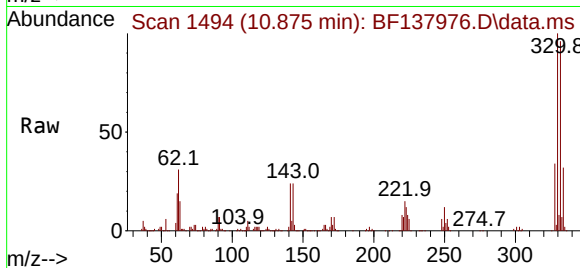
Tgt Ion:330 Resp: 532089

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.029 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF137976.D

Acq: 21 May 2024 13:54

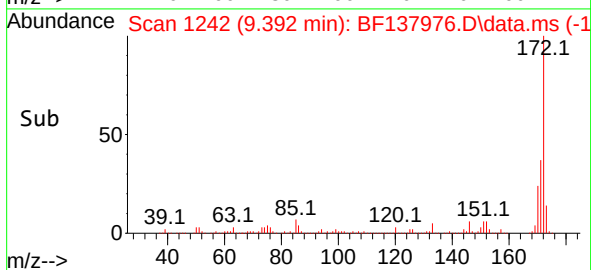
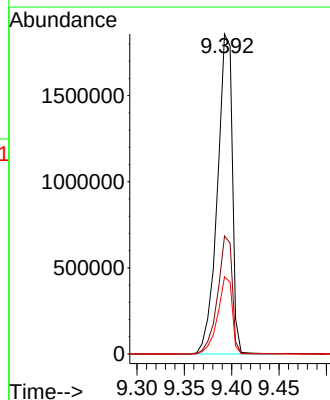
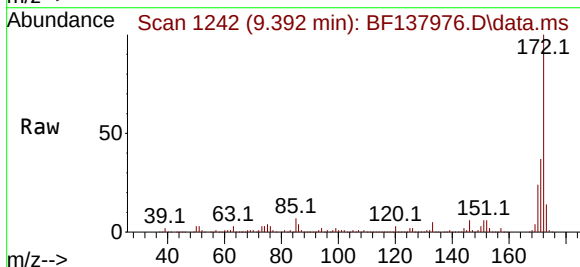
Tgt Ion:172 Resp: 2039073

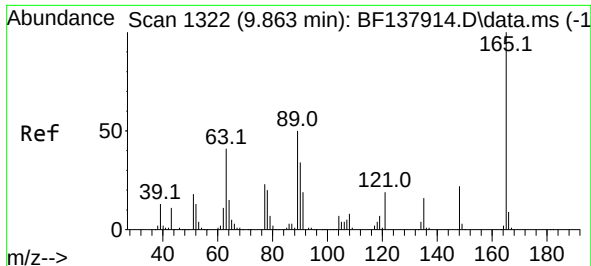
Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

170 24.1 18.9 28.3

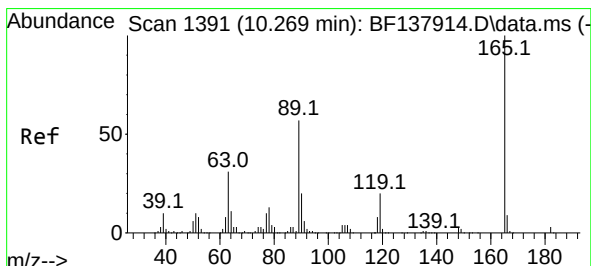
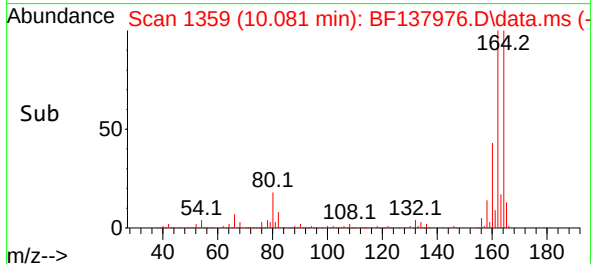
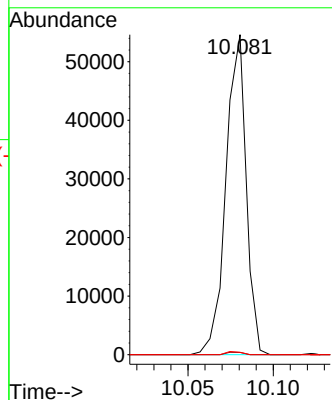
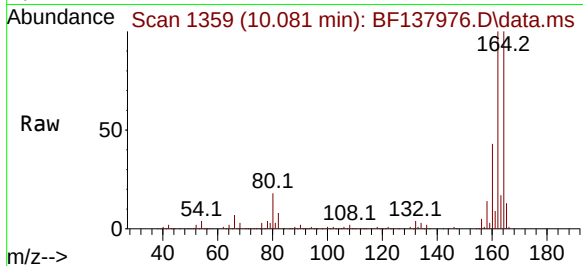




#51
2,6-Dinitrotoluene
Concen: 8.876 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

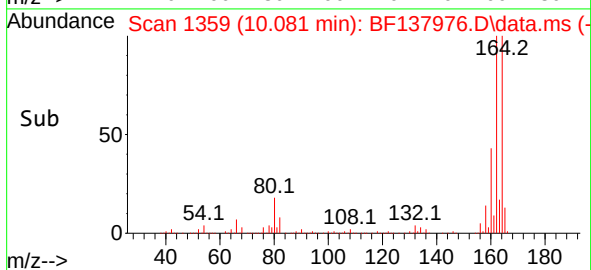
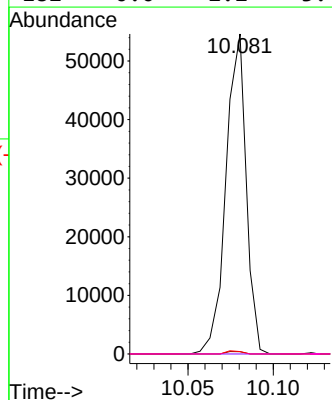
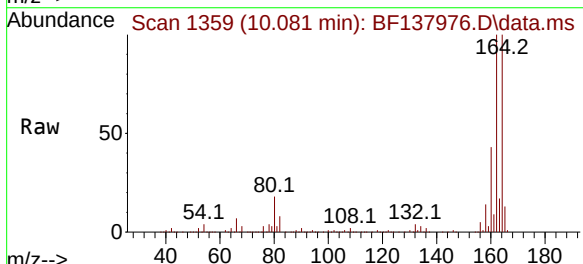
Instrument :
BNA_F
ClientSampleId :
PB160966TB

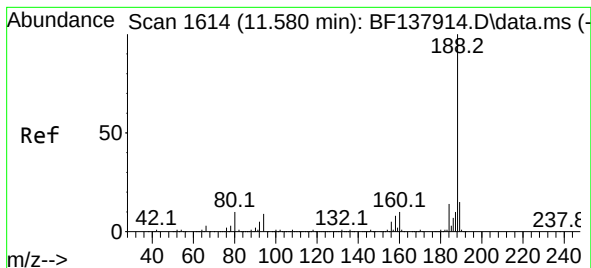
Tgt Ion:165 Resp: 45071
Ion Ratio Lower Upper
165 100
63 0.7 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137976.D
Acq: 21 May 2024 13:54

Tgt Ion:165 Resp: 45071
Ion Ratio Lower Upper
165 100
63 0.7 25.3 37.9#
89 0.8 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: BF137976.D

Acq: 21 May 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB160966TB

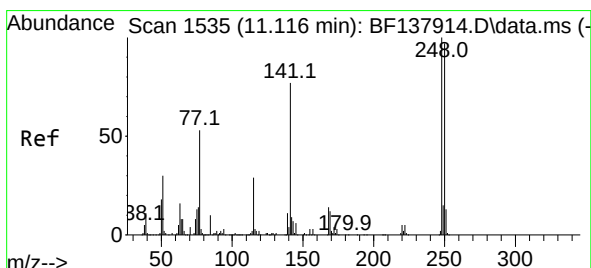
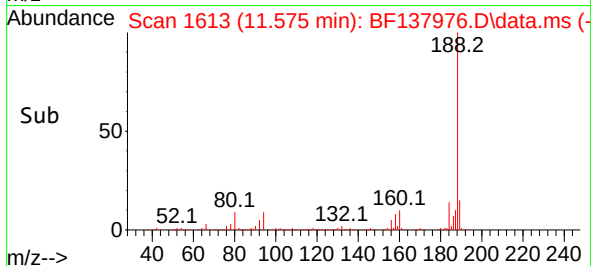
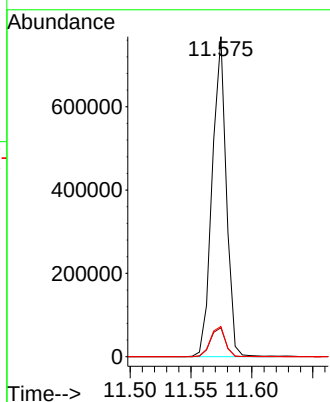
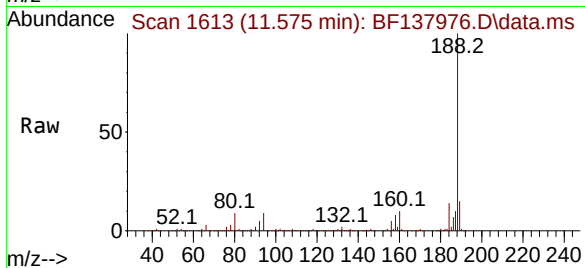
Tgt Ion:188 Resp: 621184

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.892 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137976.D

Acq: 21 May 2024 13:54

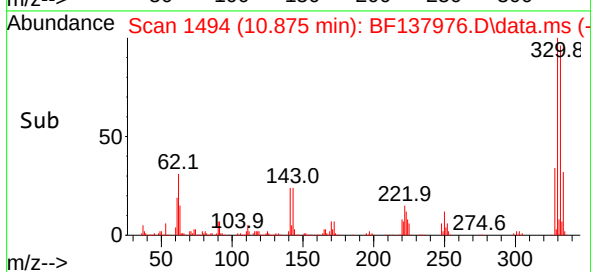
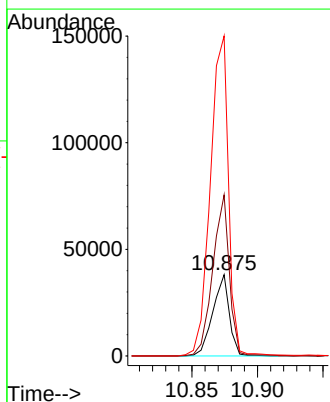
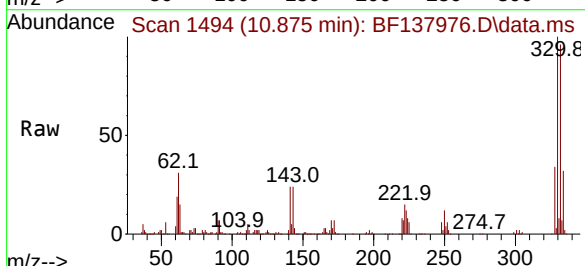
Tgt Ion:248 Resp: 33317

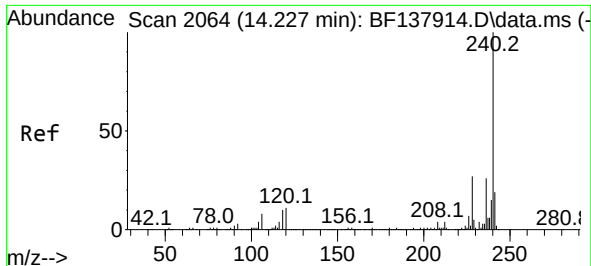
Ion Ratio Lower Upper

248 100

250 198.4 77.6 116.4#

141 394.0 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BF137976.D

Acq: 21 May 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB160966TB

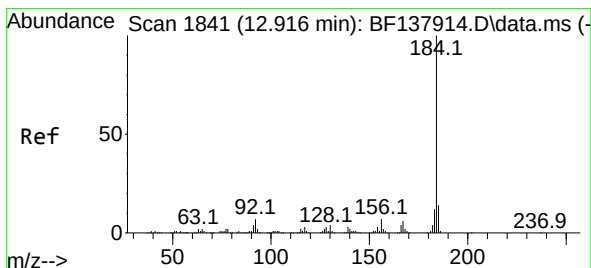
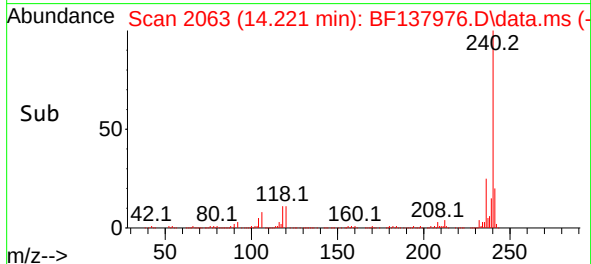
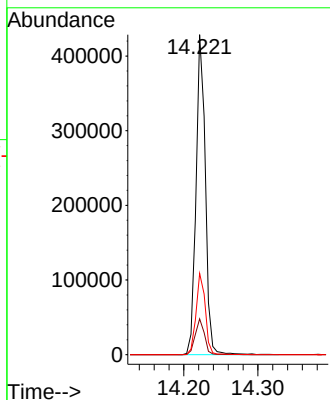
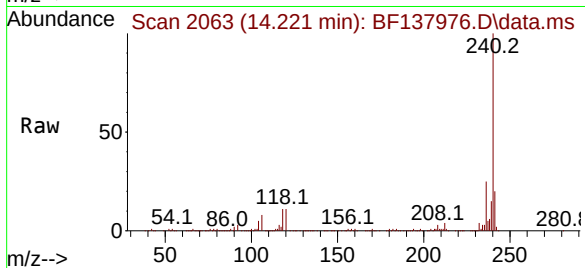
Tgt Ion:240 Resp: 372435

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.4 21.0 31.4



#77

Benzidine

Concen: 5.896 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.253 min

Lab File: BF137976.D

Acq: 21 May 2024 13:54

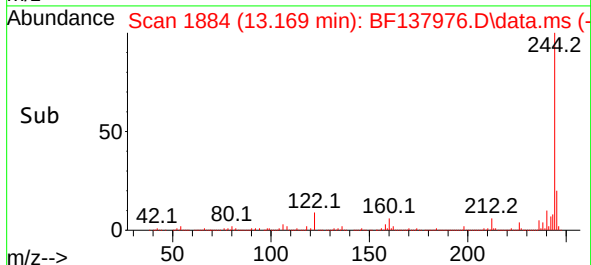
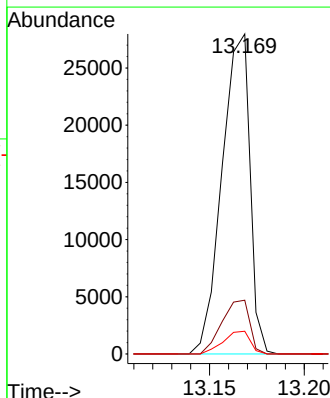
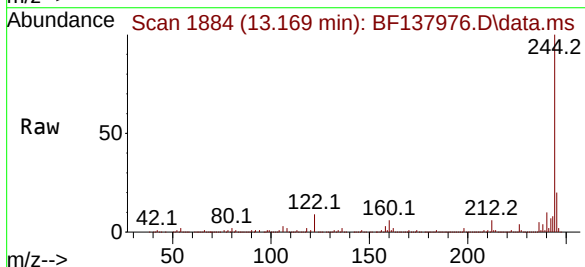
Tgt Ion:184 Resp: 28700

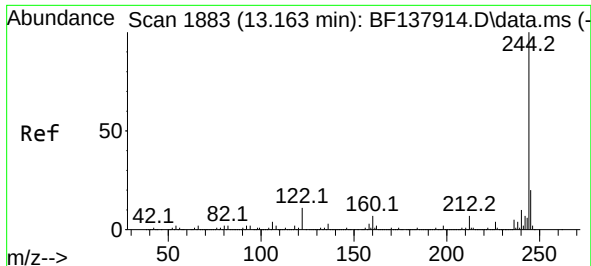
Ion Ratio Lower Upper

184 100

185 16.8 11.4 17.2

183 7.1 9.5 14.3#

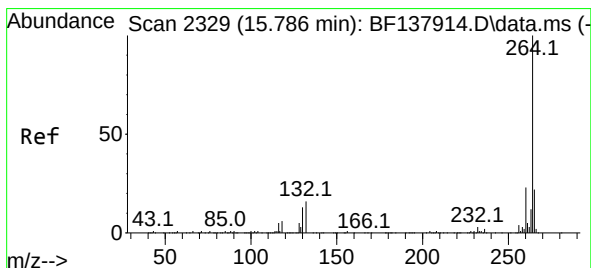
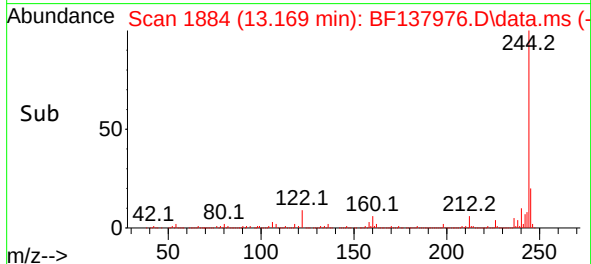
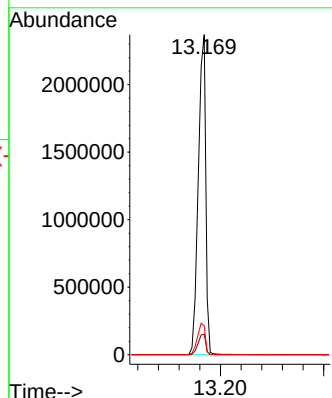
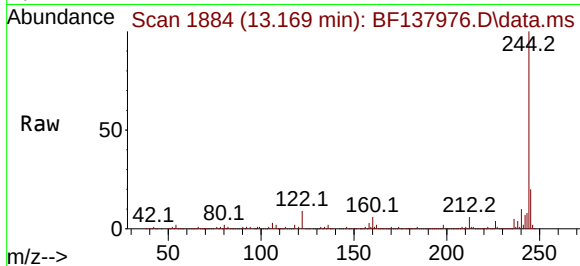




#79
 Terphenyl-d14
 Concen: 93.629 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137976.D
 Acq: 21 May 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB160966TB

Tgt Ion:244 Resp: 2366031
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.0 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: BF137976.D
 Acq: 21 May 2024 13:54

Tgt Ion:264 Resp: 305838
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 20.0 17.6 26.4

