

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137952.D
 Acq On : 20 May 2024 11:03
 Operator : CG\JU
 Sample : P2513-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Quant Time: May 20 11:32:05 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)

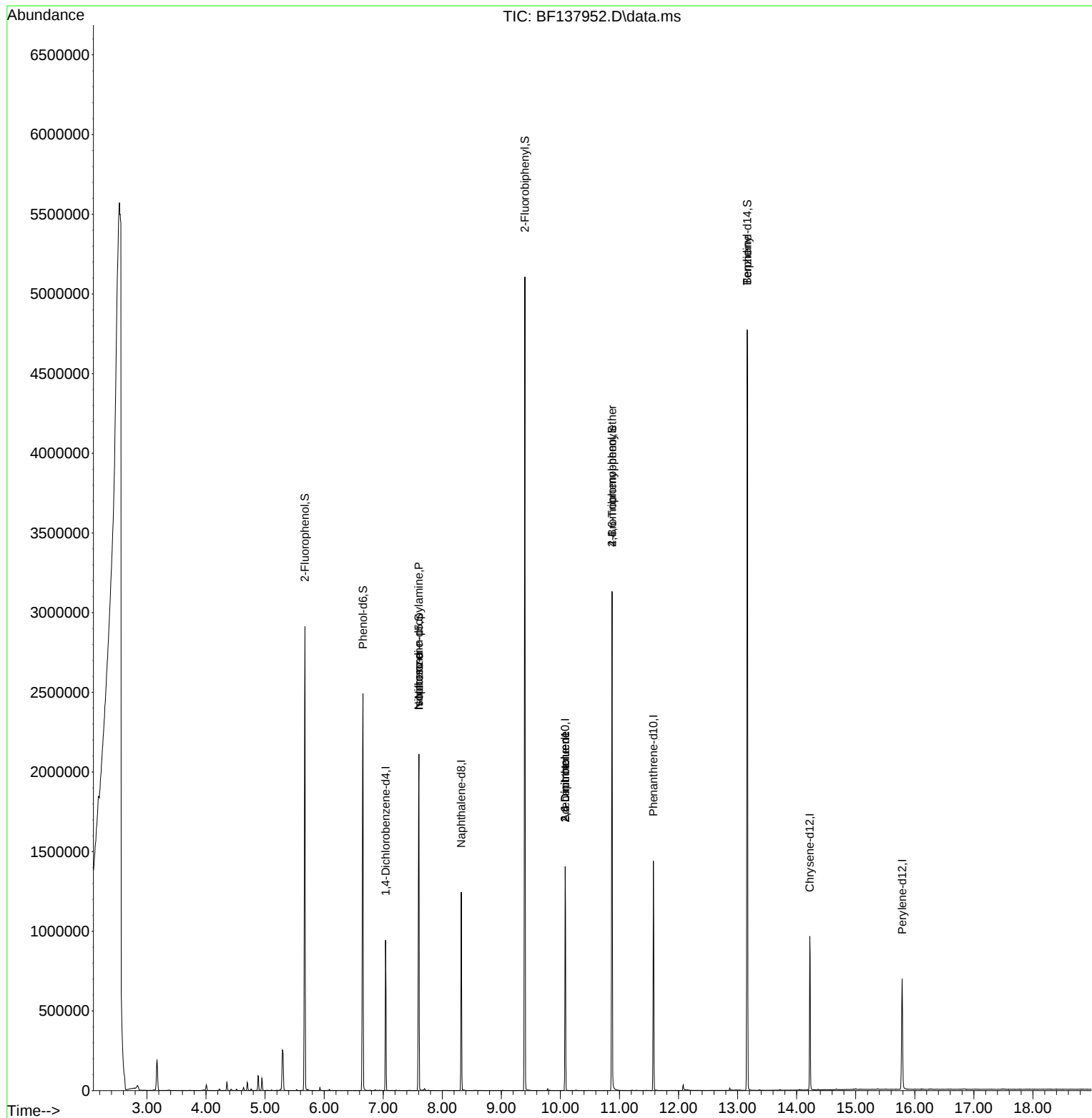
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	129800	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	499471	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	288165	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	501975	20.000	ng	0.00
76) Chrysene-d12	14.221	240	325536	20.000	ng	0.00
86) Perylene-d12	15.786	264	333201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	847388	110.895	ng	0.01
7) Phenol-d6	6.657	99	935634	99.398	ng	0.00
23) Nitrobenzene-d5	7.604	82	688419	81.113	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	382286	131.570	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1512998	80.877	ng	0.00
79) Terphenyl-d14	13.163	244	1798965	81.445	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	90057	17.029	ng	# 75
25) Isophorone	7.604	82	688405	46.735	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	36821	8.878	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	36821	6.868	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	24949	4.534	ng	# 1
77) Benzydine	13.163	184	22128	5.201	ng	# 93

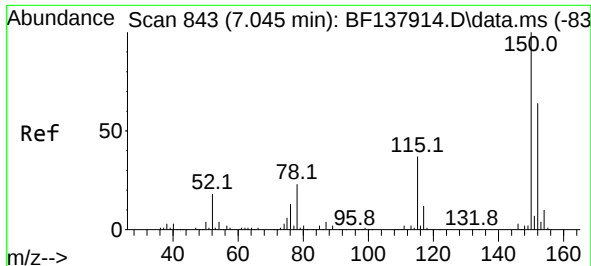
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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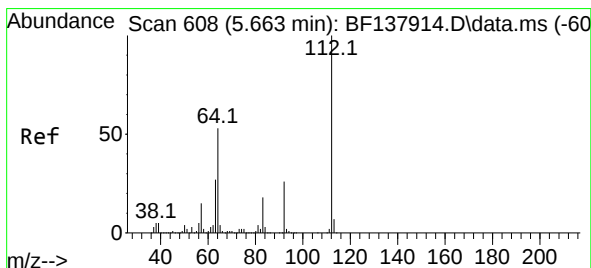
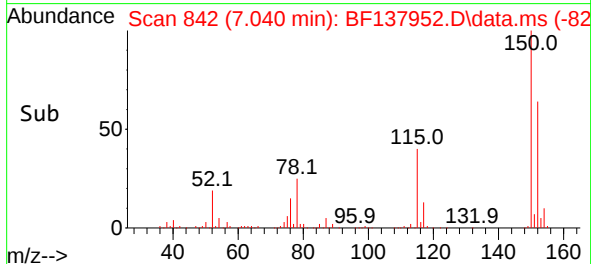
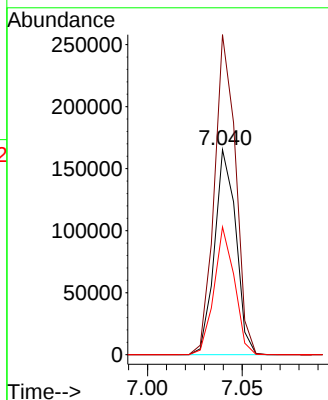
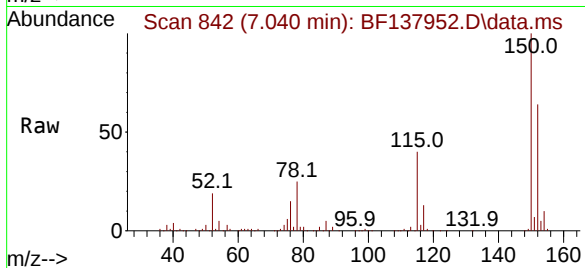




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

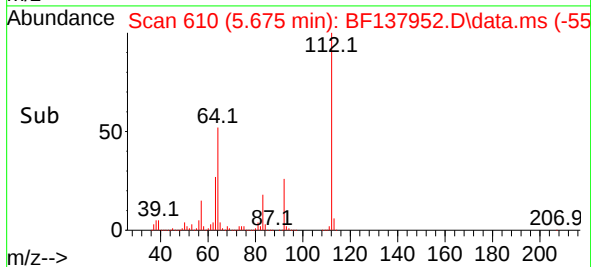
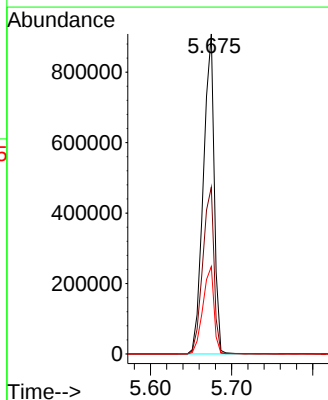
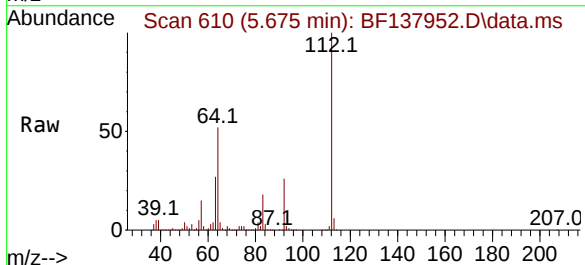
Instrument :
BNA_F
ClientSampleId :
TP-17

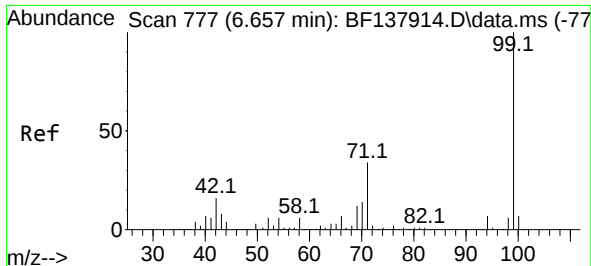
Tgt Ion:152 Resp: 129800
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 62.3 47.0 70.6



#5
2-Fluorophenol
Concen: 110.895 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion:112 Resp: 847388
Ion Ratio Lower Upper
112 100
64 52.1 42.4 63.6
63 27.3 21.4 32.2

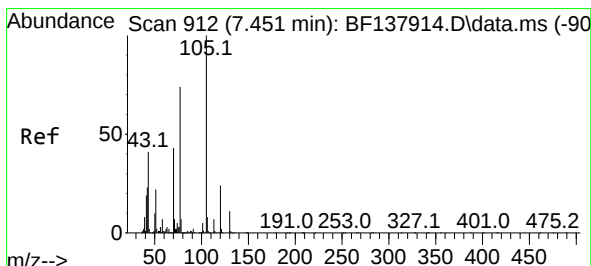
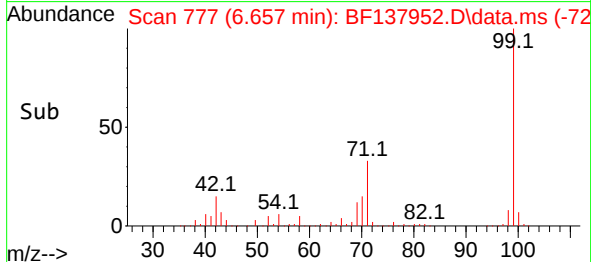
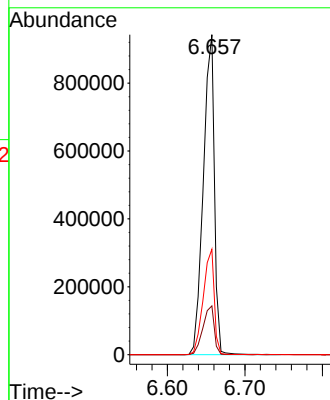
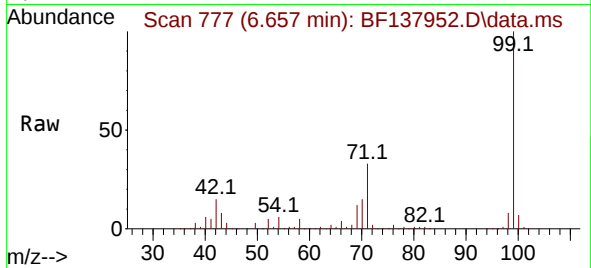




#7
Phenol-d6
Concen: 99.398 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

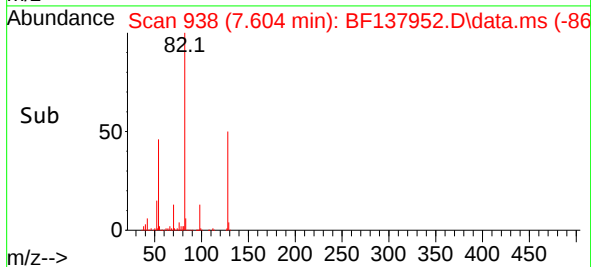
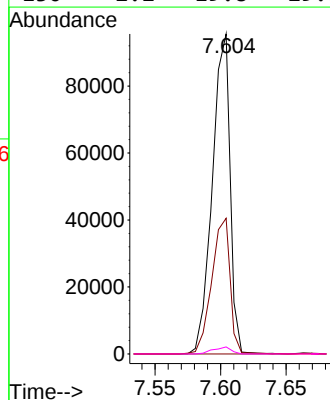
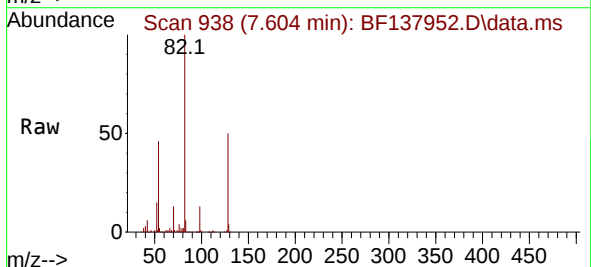
Instrument :
BNA_F
ClientSampleId :
TP-17

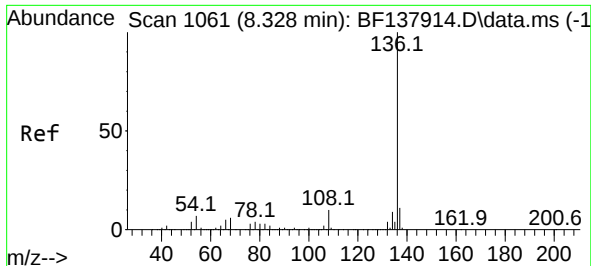
Tgt Ion: 99 Resp: 935634
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.029 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion: 70 Resp: 90057
Ion Ratio Lower Upper
70 100
42 42.4 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



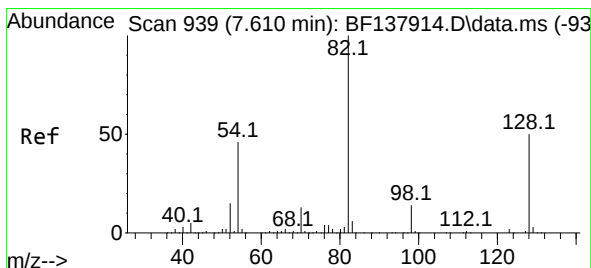
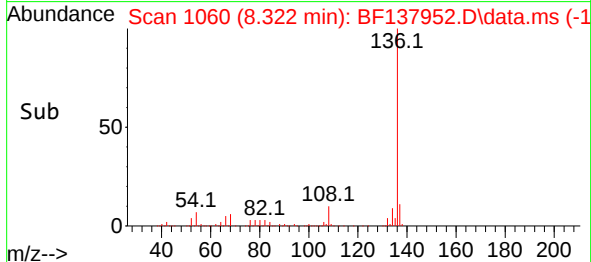
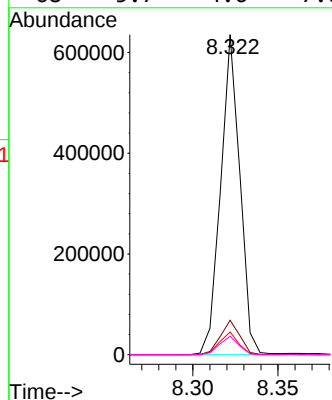
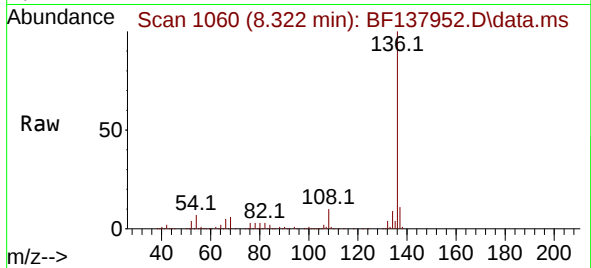


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Instrument :
BNA_F
ClientSampleId :
TP-17

Tgt Ion:136 Resp: 499471

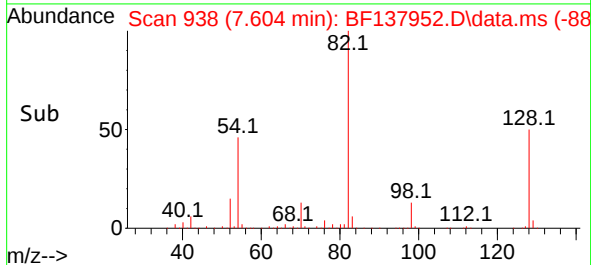
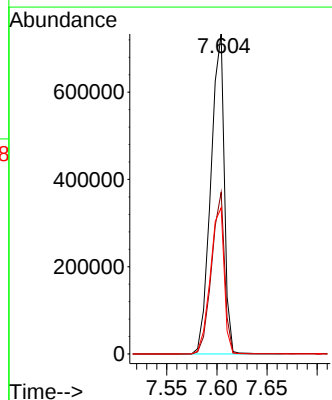
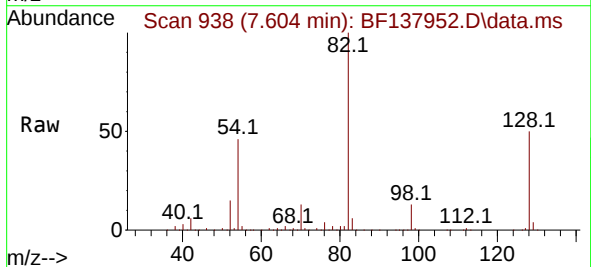
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	5.4	8.2
68	5.7	4.6	7.0

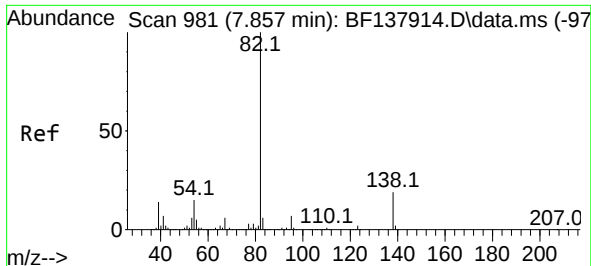


#23
Nitrobenzene-d5
Concen: 81.113 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion: 82 Resp: 688419

Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.3	60.5
54	45.7	36.8	55.2

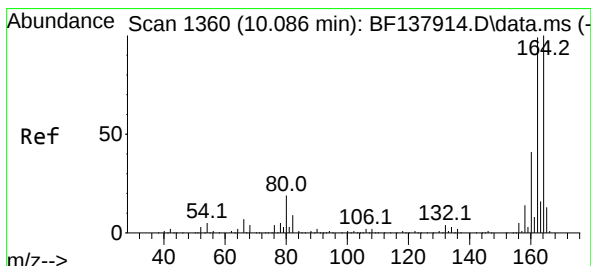
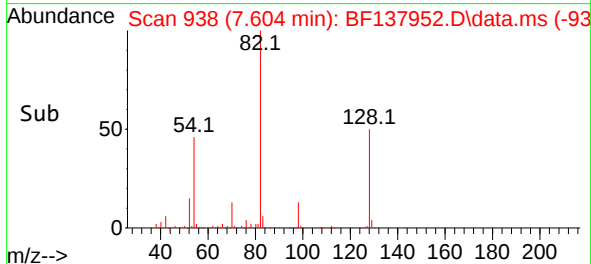
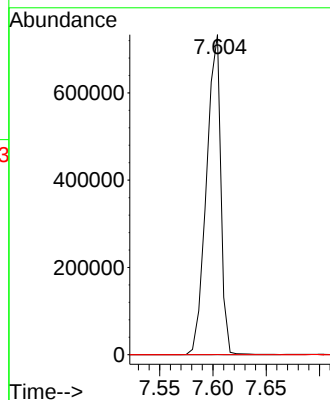
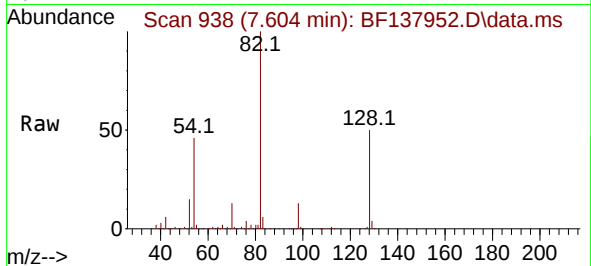




#25
Isophorone
Concen: 46.735 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

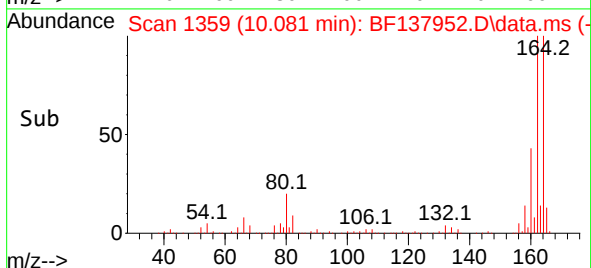
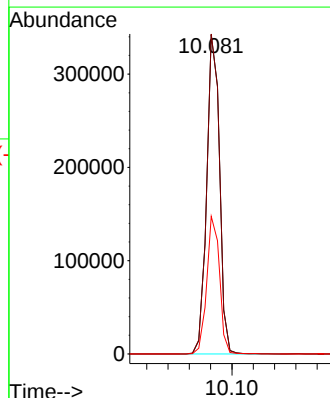
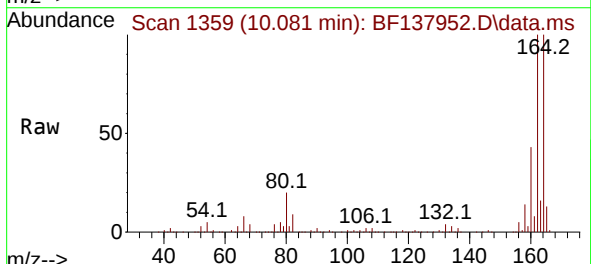
Instrument :
BNA_F
ClientSampleId :
TP-17

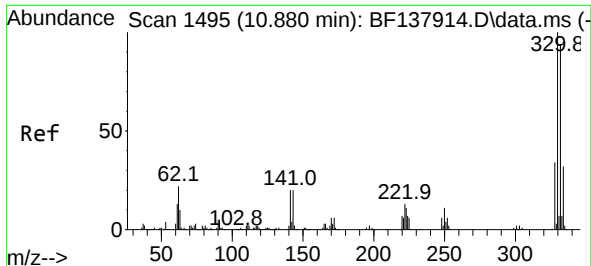
Tgt Ion: 82 Resp: 688405
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion:164 Resp: 288165
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 43.1 33.1 49.7

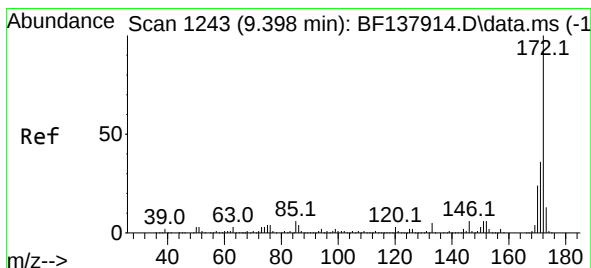
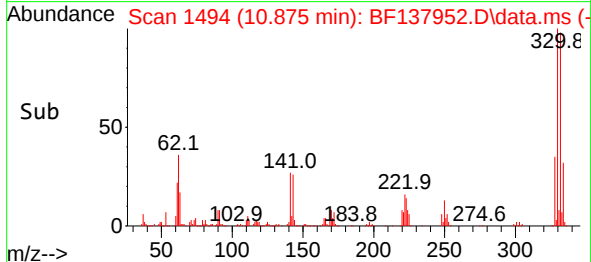
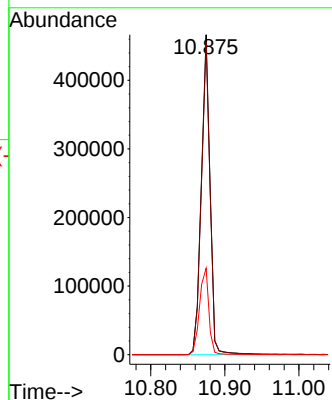
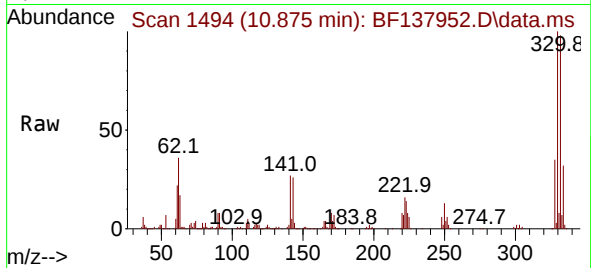




#42
2,4,6-Tribromophenol
Concen: 131.570 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

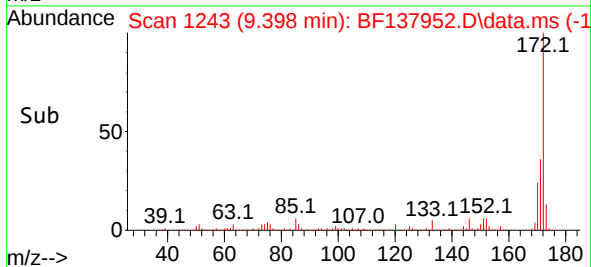
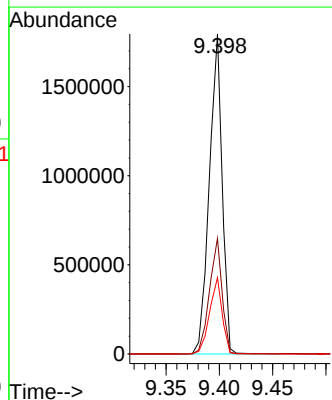
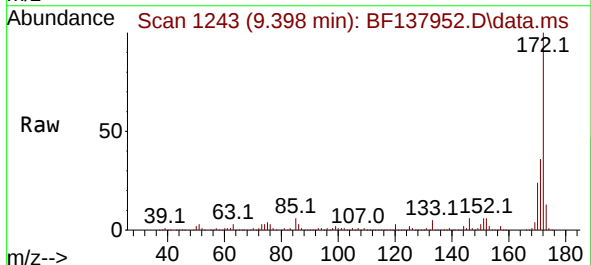
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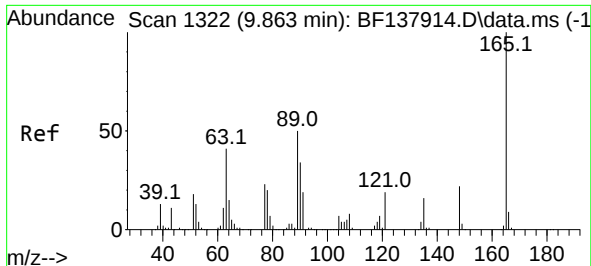
Tgt Ion:330 Resp: 382286
Ion Ratio Lower Upper
330 100
332 97.9 75.8 113.8
141 28.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 80.877 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion:172 Resp: 1512998
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.9 18.9 28.3

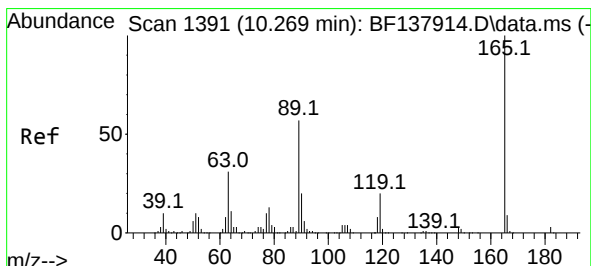
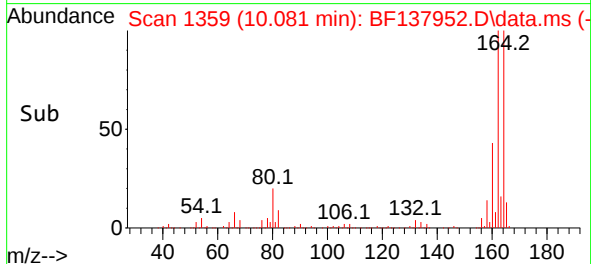
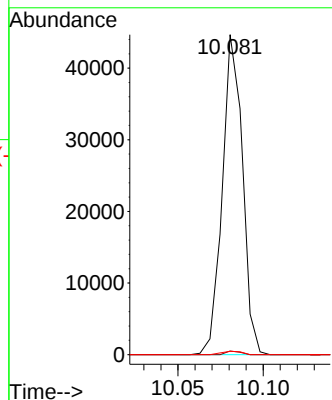
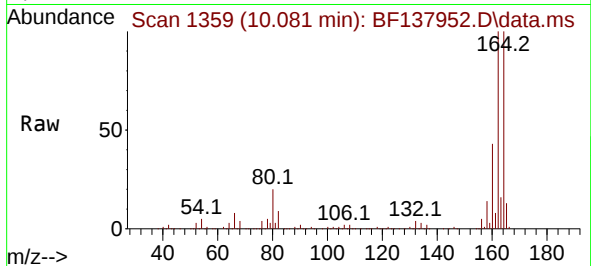




#51
2,6-Dinitrotoluene
Concen: 8.878 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

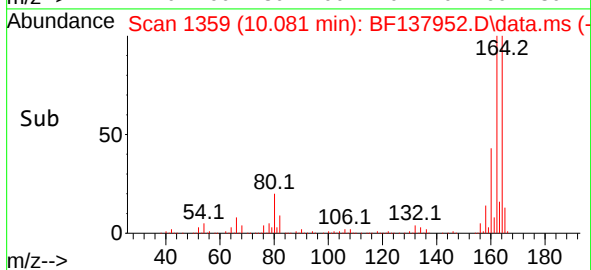
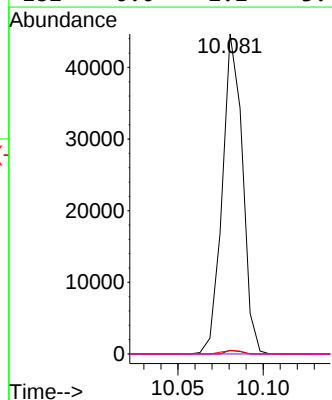
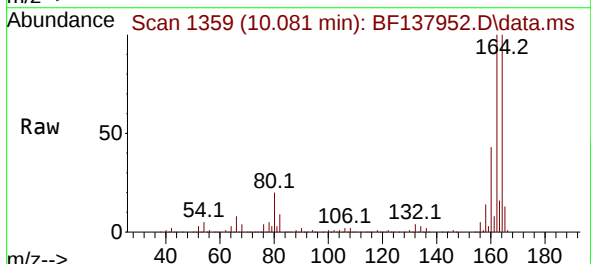
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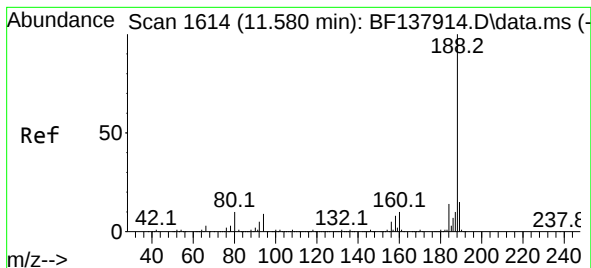
Tgt Ion:165 Resp: 36821
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.868 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137952.D
Acq: 20 May 2024 11:03

Tgt Ion:165 Resp: 36821
Ion Ratio Lower Upper
165 100
63 1.2 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: BF137952.D

Acq: 20 May 2024 11:03

Instrument :

BNA_F

ClientSampleId :

TP-17

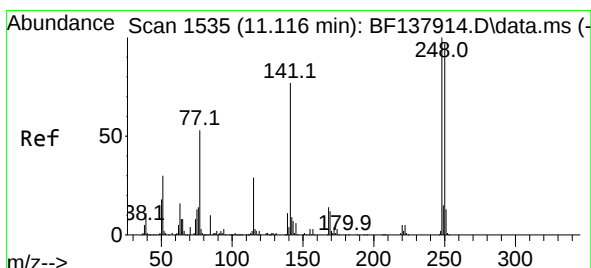
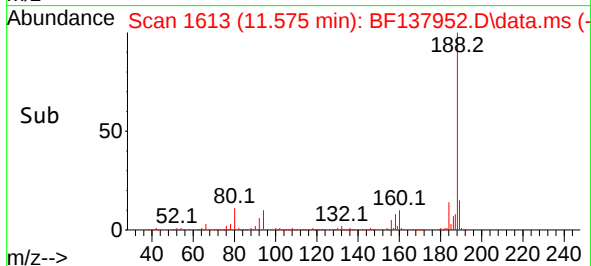
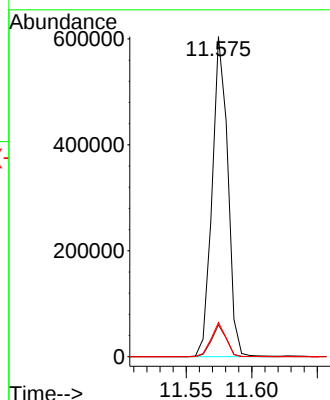
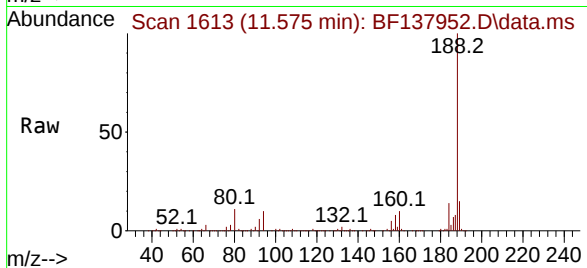
Tgt Ion:188 Resp: 501975

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.534 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

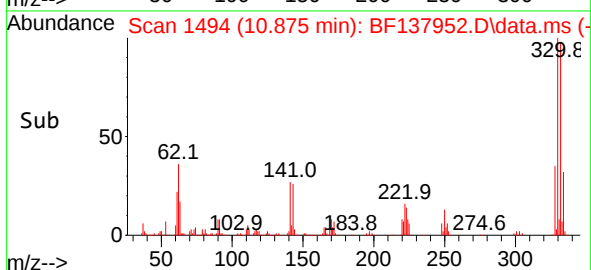
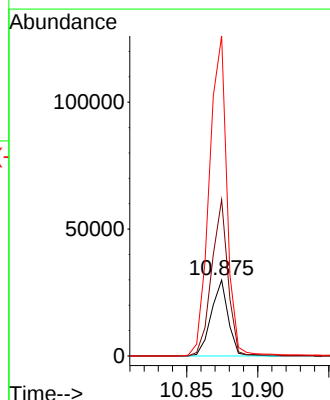
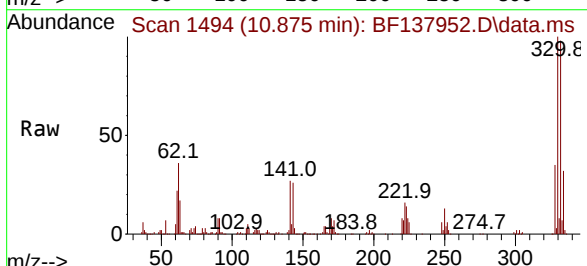
Tgt Ion:248 Resp: 24949

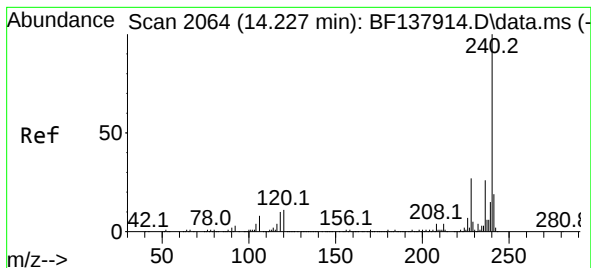
Ion Ratio Lower Upper

248 100

250 206.2 77.6 116.4#

141 421.8 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: BF137952.D

Acq: 20 May 2024 11:03

Instrument :

BNA_F

ClientSampleId :

TP-17

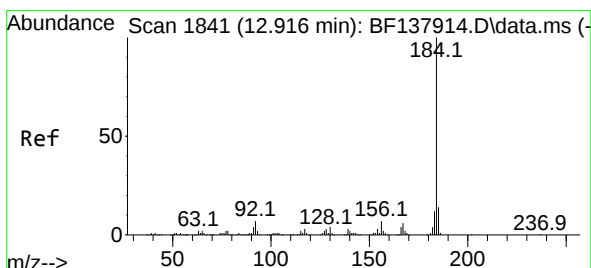
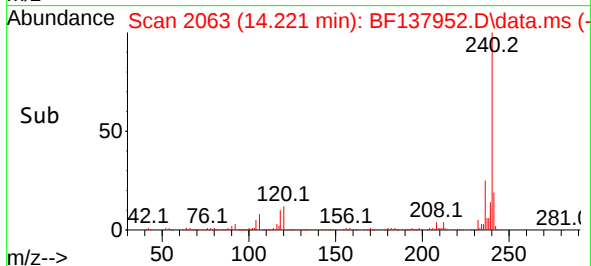
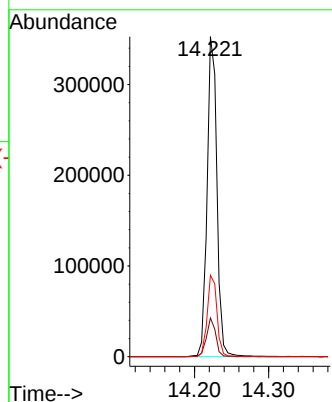
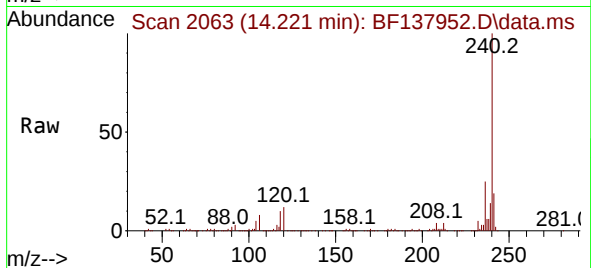
Tgt Ion:240 Resp: 325536

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.4 21.0 31.4



#77

Benzidine

Concen: 5.201 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.247 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

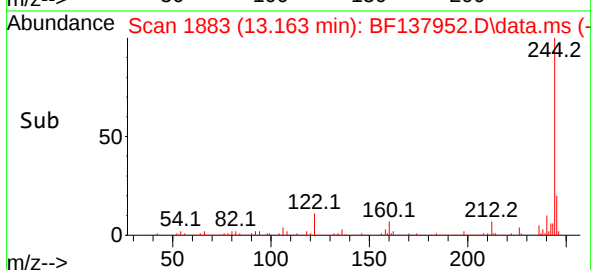
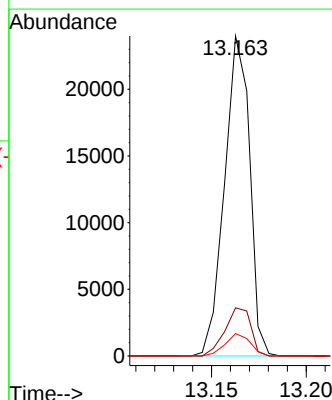
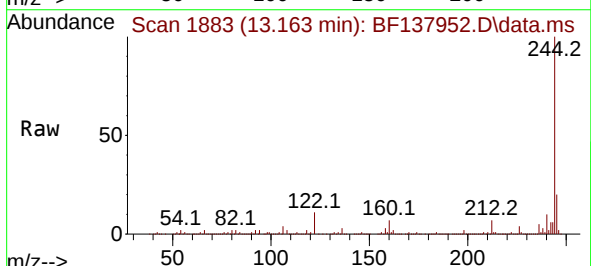
Tgt Ion:184 Resp: 22128

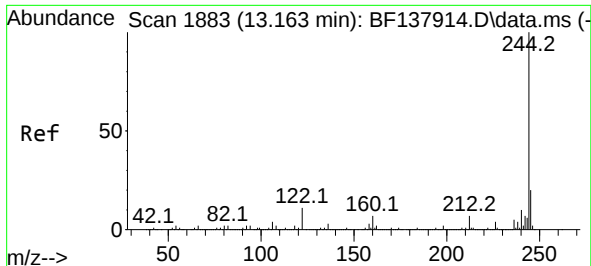
Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

183 7.0 9.5 14.3#

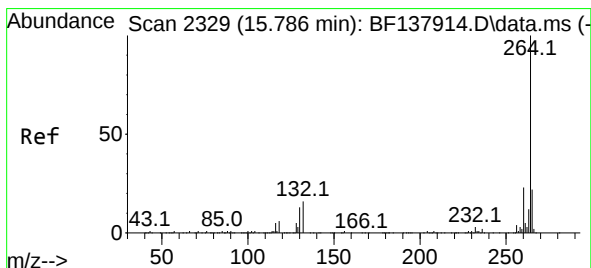
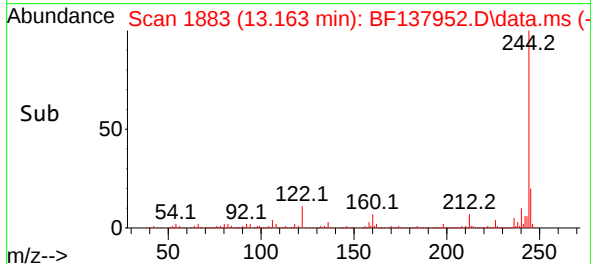
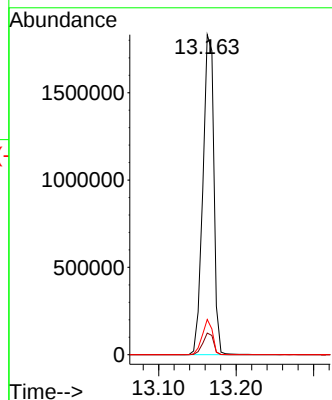
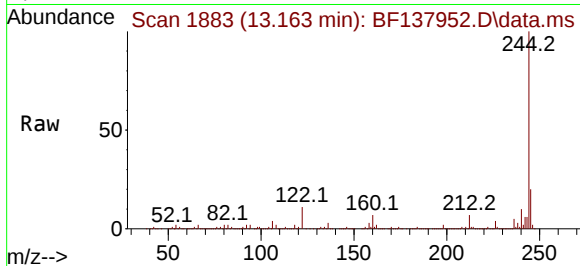




#79
 Terphenyl-d14
 Concen: 81.445 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137952.D
 Acq: 20 May 2024 11:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Tgt Ion:244 Resp: 1798965
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.0 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: BF137952.D
 Acq: 20 May 2024 11:03

Tgt Ion:264 Resp: 333201
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 20.7 17.6 26.4

