

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137944.D
 Acq On : 17 May 2024 21:13
 Operator : CG\JU
 Sample : P2513-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: May 17 22:55:56 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)

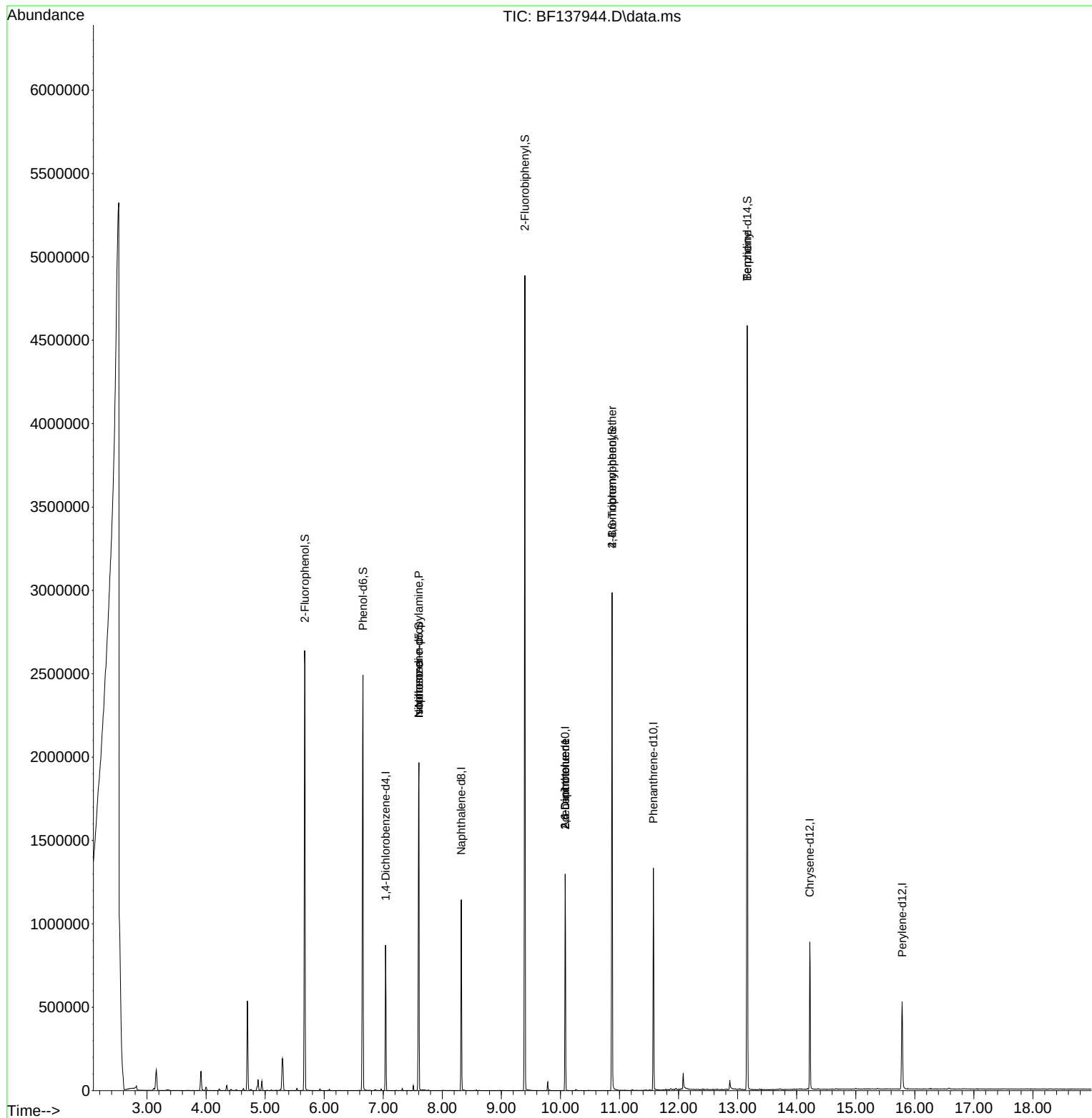
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	119542	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	459297	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	253211	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	465870	20.000	ng	0.00
76) Chrysene-d12	14.221	240	289132	20.000	ng	0.00
86) Perylene-d12	15.786	264	241533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	828719	117.758	ng	0.01
7) Phenol-d6	6.657	99	907715	104.707	ng	0.00
23) Nitrobenzene-d5	7.604	82	655312	83.966	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	366333	143.484	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1412895	85.952	ng	0.00
79) Terphenyl-d14	13.163	244	1641086	83.652	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	85011	17.454	ng	Qvalue
25) Isophorone	7.604	82	655304	48.379	ng	# 75
51) 2,6-Dinitrotoluene	10.080	165	33676	9.241	ng	# 64
57) 2,4-Dinitrotoluene	10.080	165	33676	7.148	ng	# 29
67) 4-Bromophenyl-phenylether	10.875	248	23835	4.667	ng	# 33
77) Benzidine	13.163	184	19502	5.161	ng	# 1

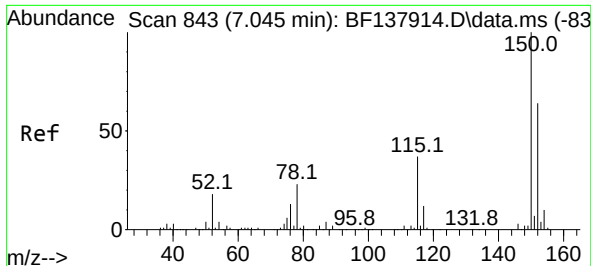
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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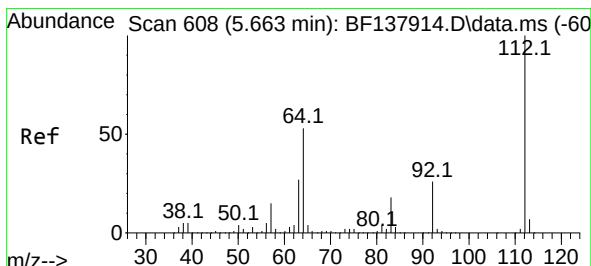
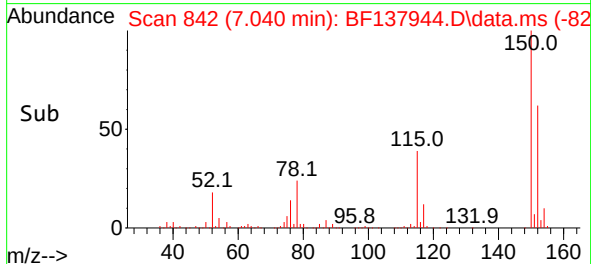
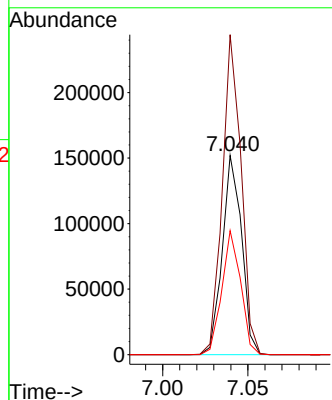
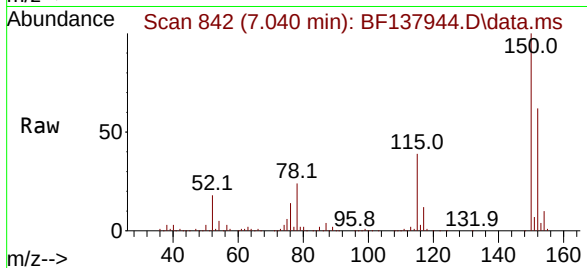




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

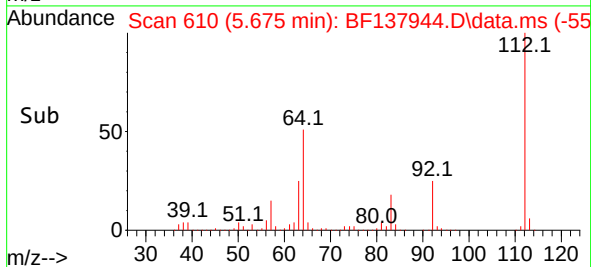
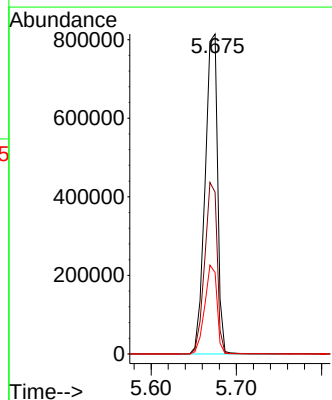
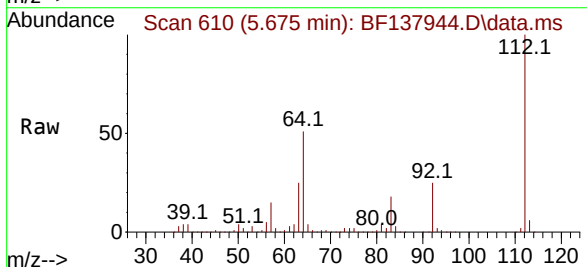
Instrument :
BNA_F
ClientSampleId :
TP-14

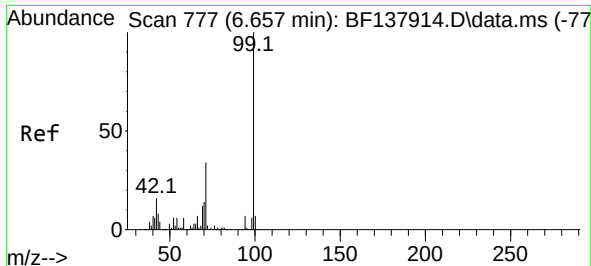
Tgt Ion:152 Resp: 119542
Ion Ratio Lower Upper
152 100
150 160.7 125.7 188.5
115 62.3 47.0 70.6



#5
2-Fluorophenol
Concen: 117.758 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion:112 Resp: 828719
Ion Ratio Lower Upper
112 100
64 50.6 42.4 63.6
63 25.5 21.4 32.2





#7
Phenol-d6
Concen: 104.707 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

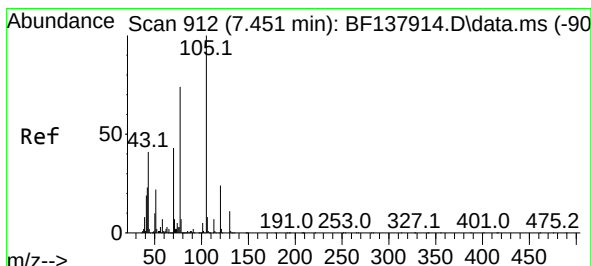
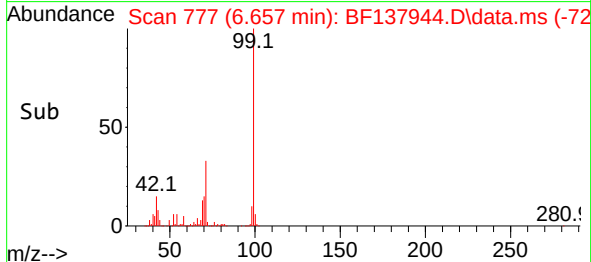
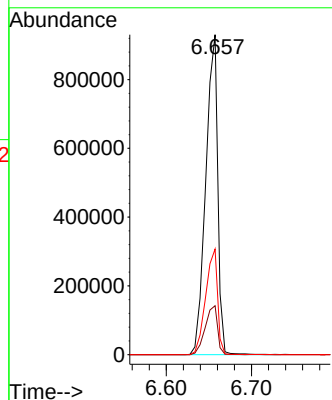
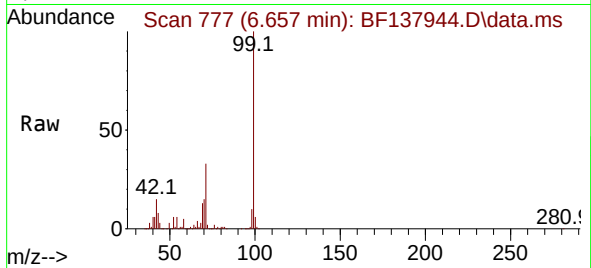
Instrument :

BNA_F

ClientSampleId :

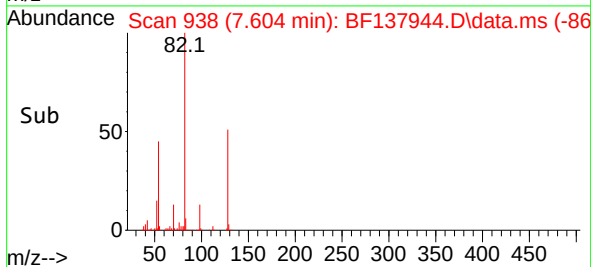
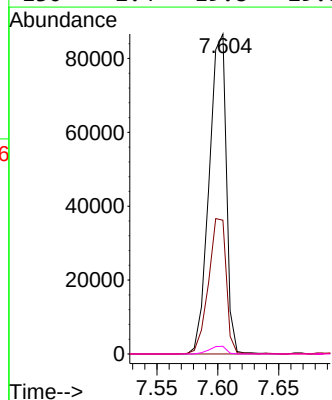
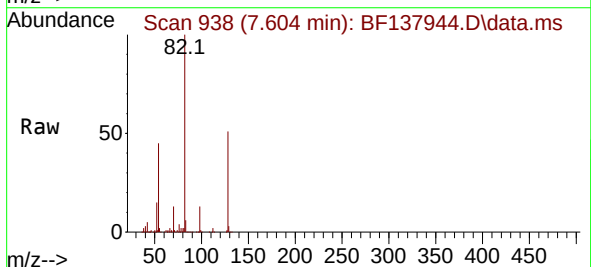
TP-14

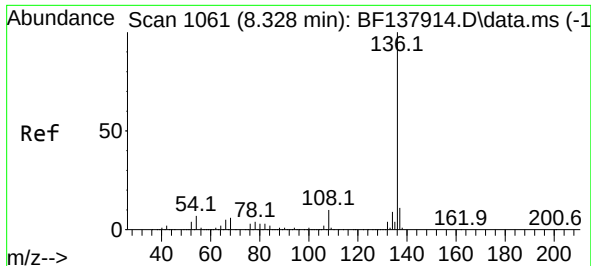
Tgt Ion: 99 Resp: 907715
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.454 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion: 70 Resp: 85011
Ion Ratio Lower Upper
70 100
42 41.8 42.2 63.4#
101 0.0 8.8 13.2#
130 2.4 19.8 29.8#



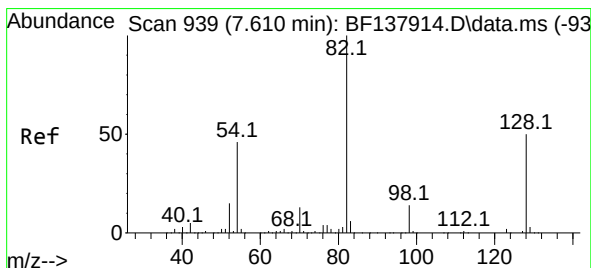
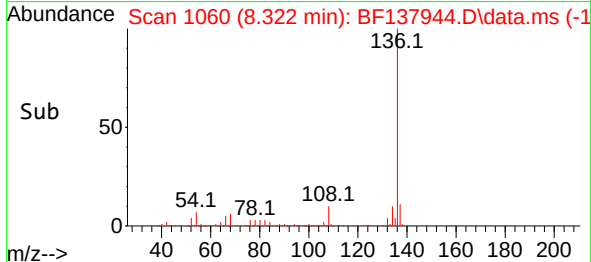
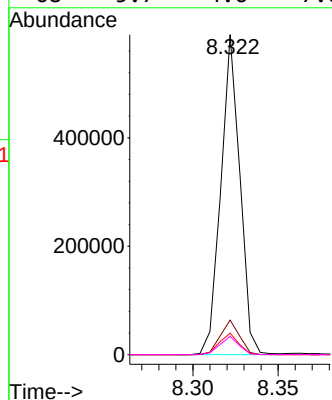
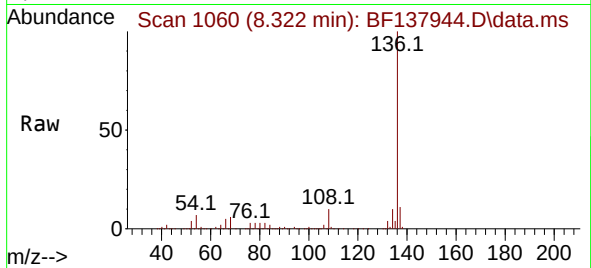


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:136 Resp: 459297

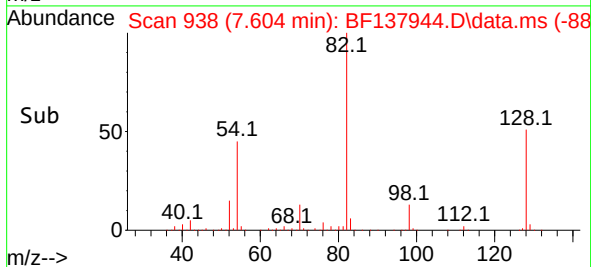
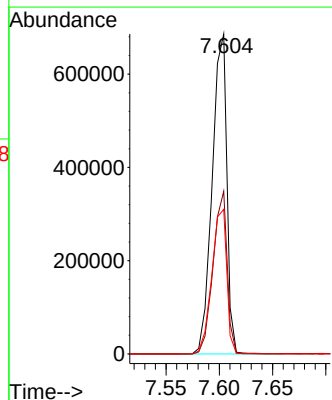
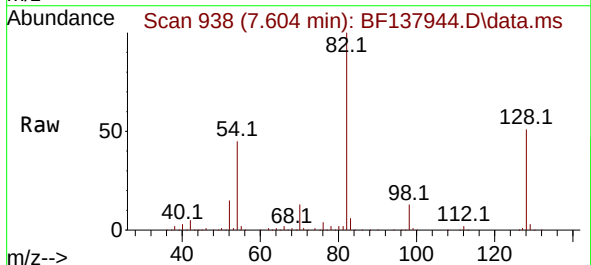
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	5.4	8.2
68	5.7	4.6	7.0

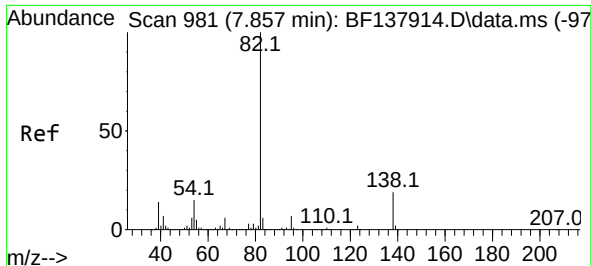


#23
Nitrobenzene-d5
Concen: 83.966 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion: 82 Resp: 655312

Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.3	60.5
54	45.2	36.8	55.2

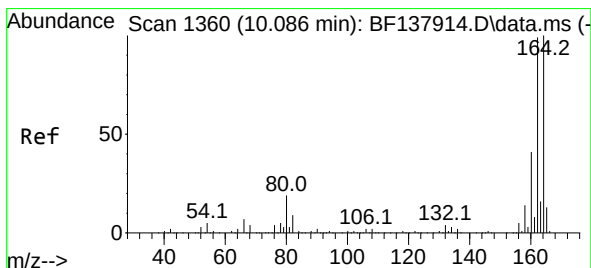
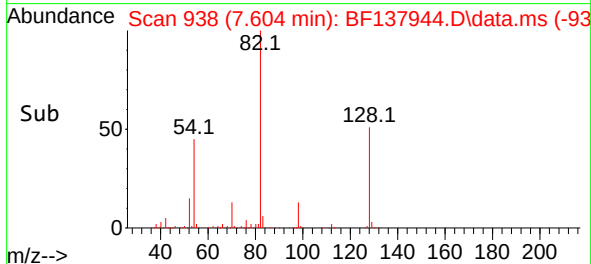
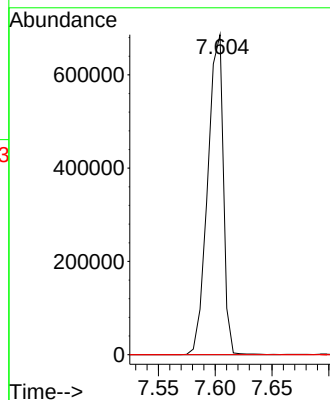
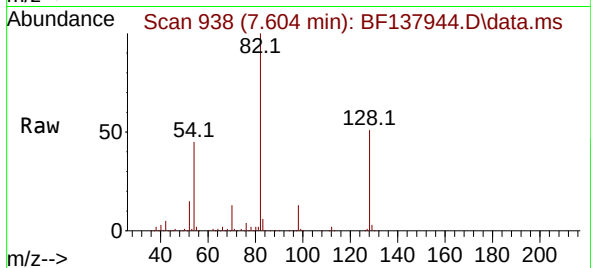




#25
Isophorone
Concen: 48.379 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

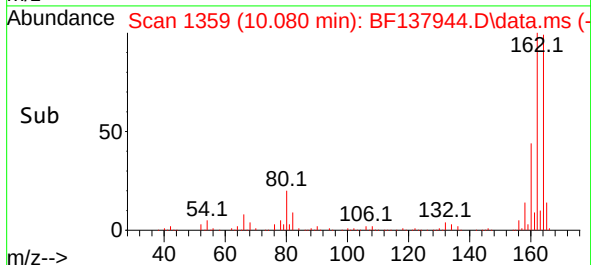
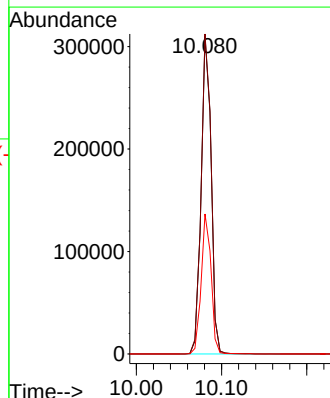
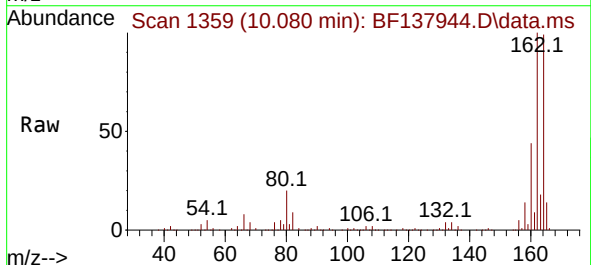
Instrument :
BNA_F
ClientSampleId :
TP-14

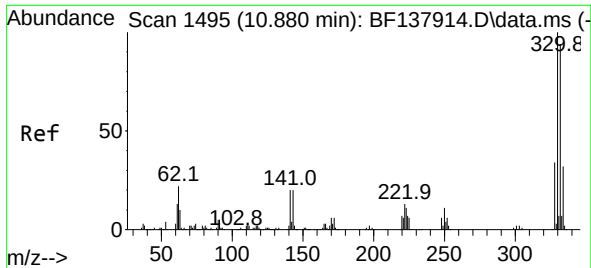
Tgt Ion: 82 Resp: 655304
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion:164 Resp: 253211
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 44.0 33.1 49.7

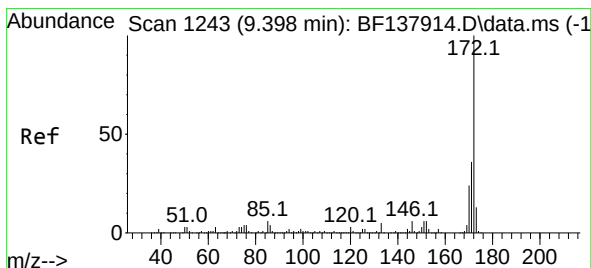
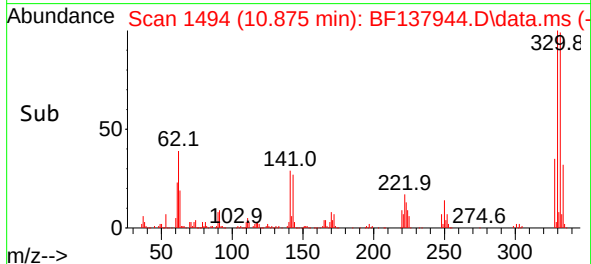
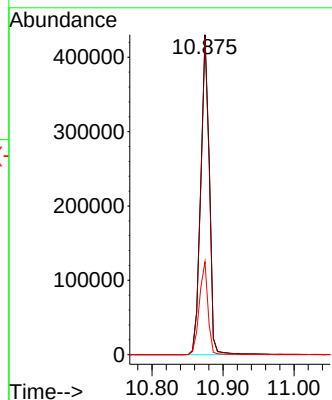
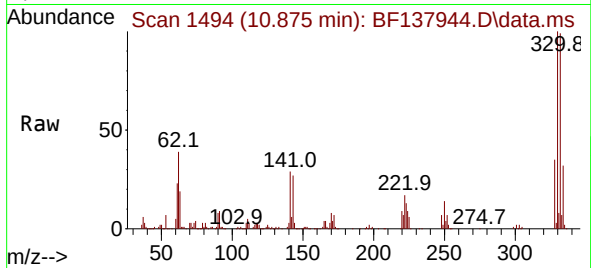




#42
2,4,6-Tribromophenol
Concen: 143.484 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

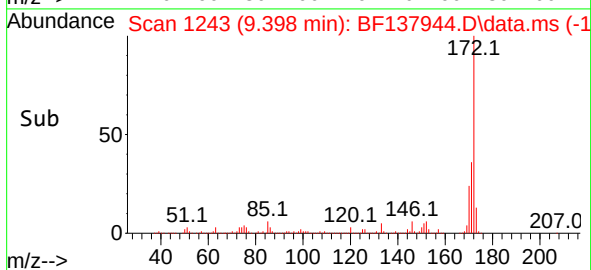
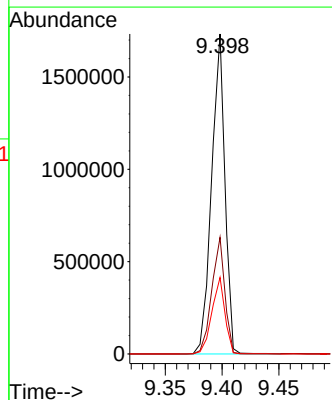
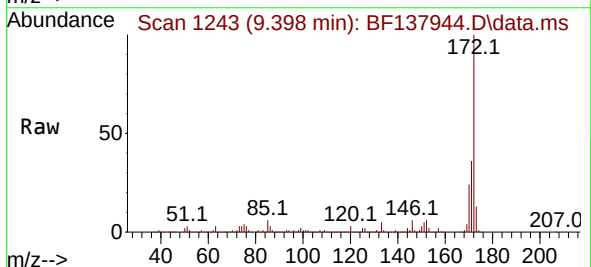
Instrument :
BNA_F
ClientSampleId :
TP-14

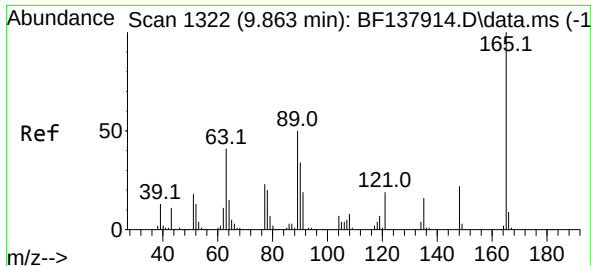
Tgt Ion:330 Resp: 366333
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.8
141 29.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.952 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion:172 Resp: 1412895
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.9 18.9 28.3

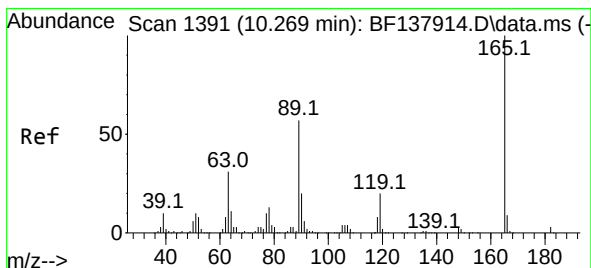
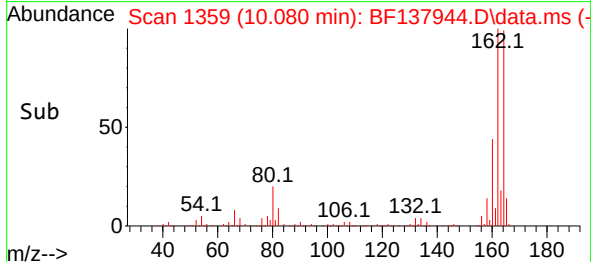
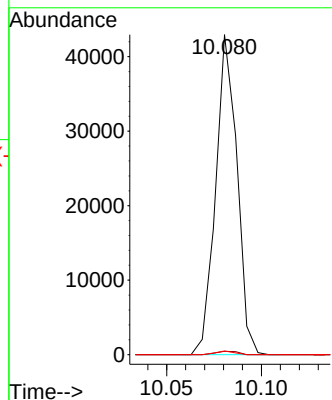
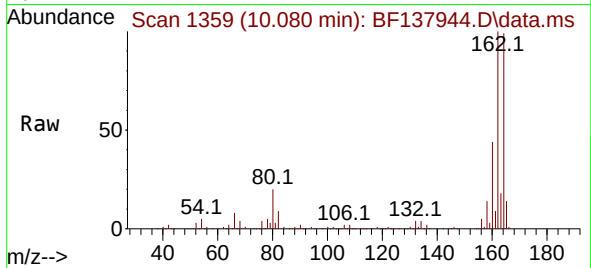




#51
2,6-Dinitrotoluene
Concen: 9.241 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

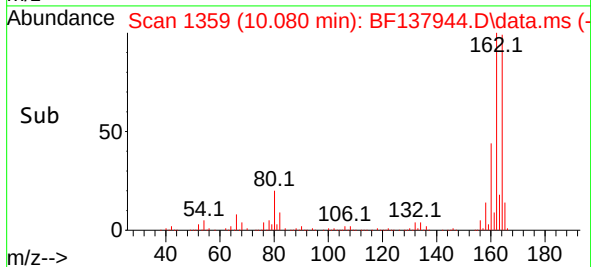
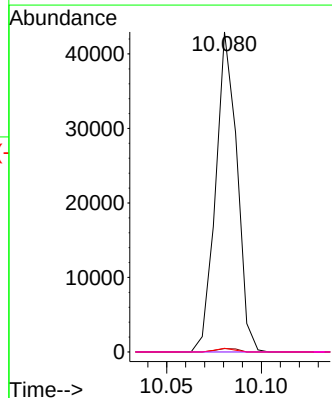
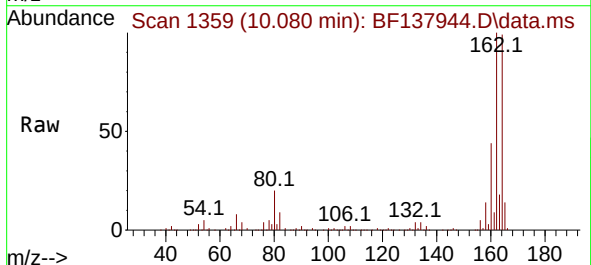
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BNA_F
ClientSampleId :
TP-14

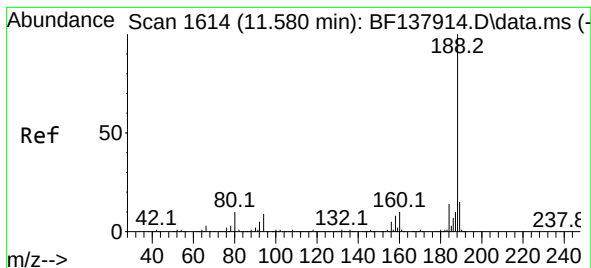
Tgt Ion:165 Resp: 33676
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.148 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137944.D
Acq: 17 May 2024 21:13

Tgt Ion:165 Resp: 33676
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.2 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: BF137944.D

Acq: 17 May 2024 21:13

Instrument :

BNA_F

ClientSampleId :

TP-14

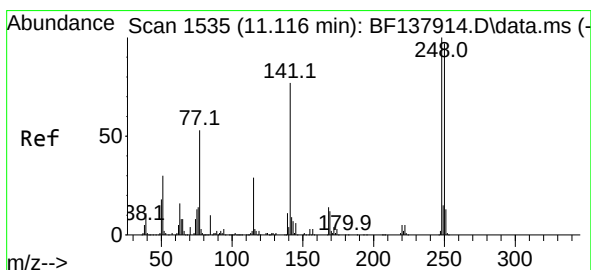
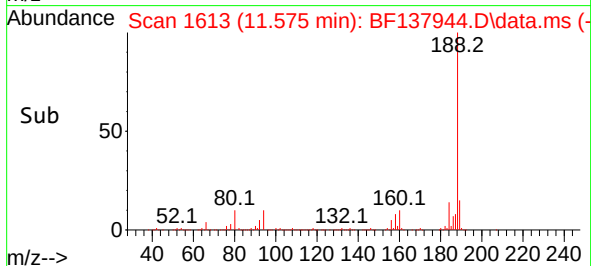
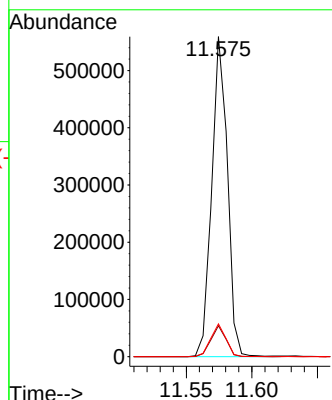
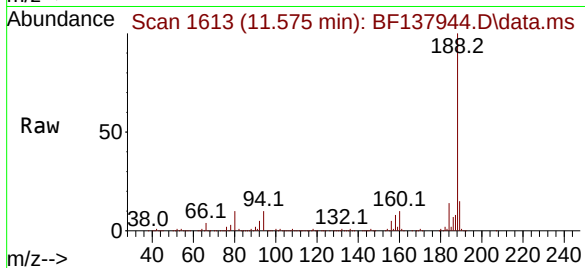
Tgt Ion:188 Resp: 465870

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.2 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.667 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137944.D

Acq: 17 May 2024 21:13

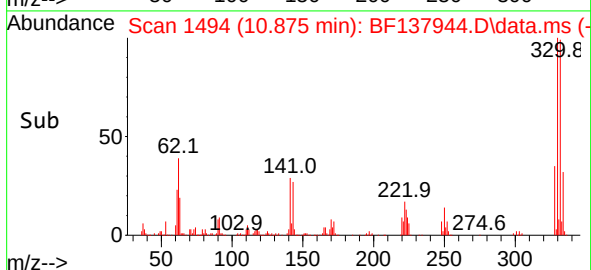
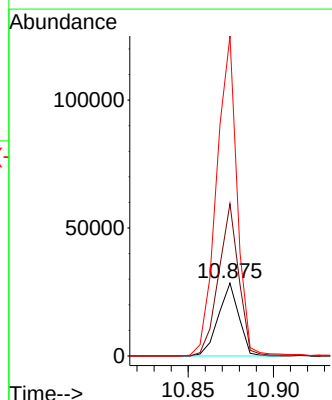
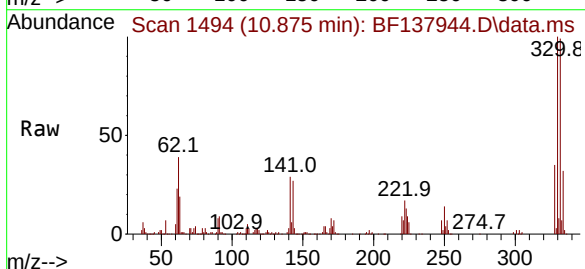
Tgt Ion:248 Resp: 23835

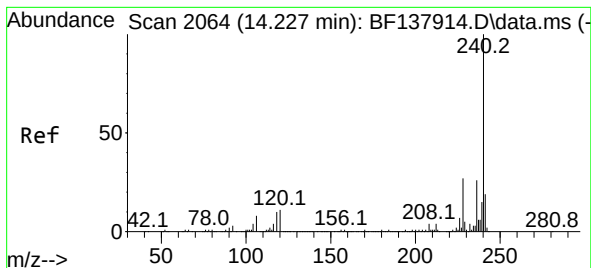
Ion Ratio Lower Upper

248 100

250 209.1 77.6 116.4#

141 439.4 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: BF137944.D

Acq: 17 May 2024 21:13

Instrument :

BNA_F

ClientSampleId :

TP-14

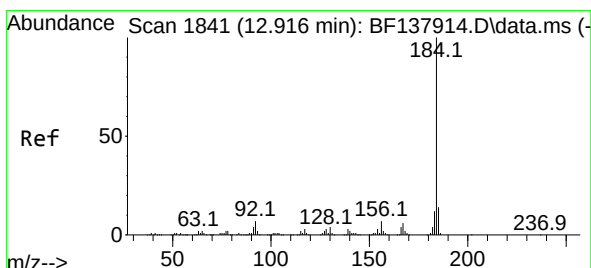
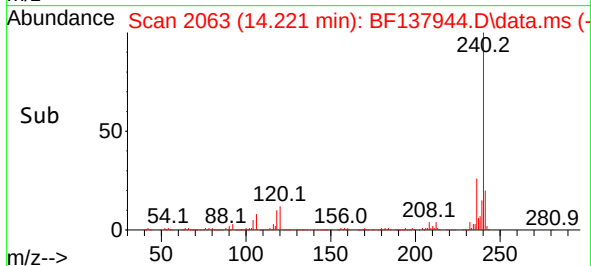
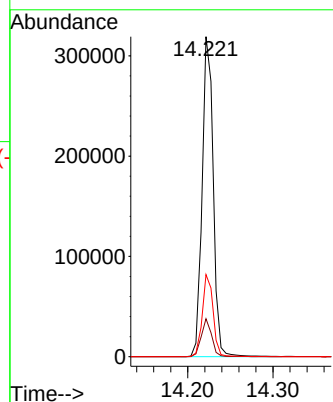
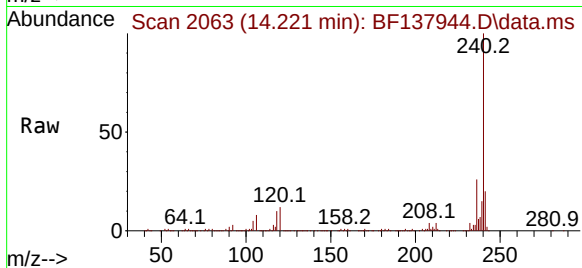
Tgt Ion:240 Resp: 289132

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.6 21.0 31.4



#77

Benzidine

Concen: 5.161 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.247 min

Lab File: BF137944.D

Acq: 17 May 2024 21:13

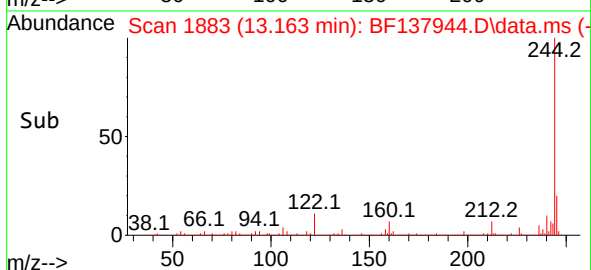
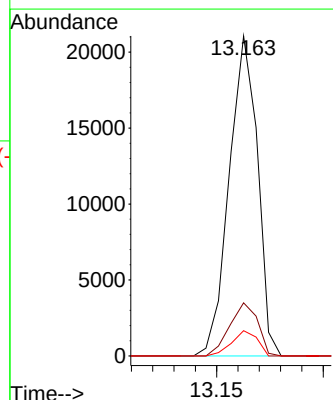
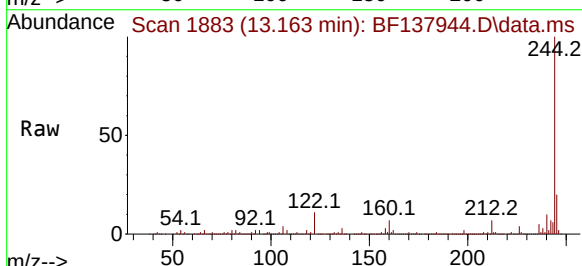
Tgt Ion:184 Resp: 19502

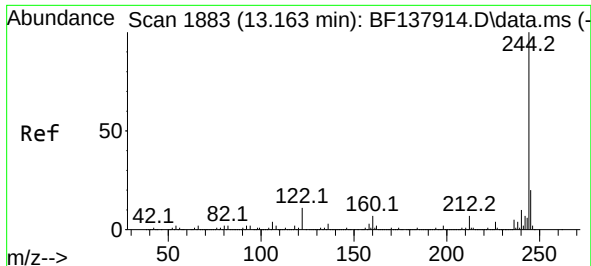
Ion Ratio Lower Upper

184 100

185 16.6 11.4 17.2

183 7.9 9.5 14.3#

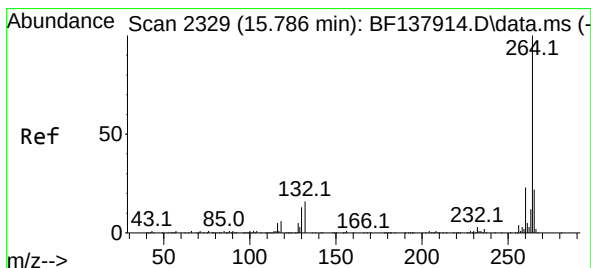
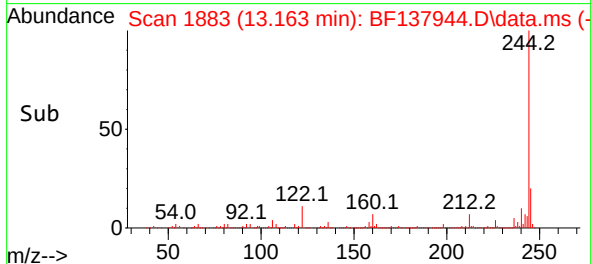
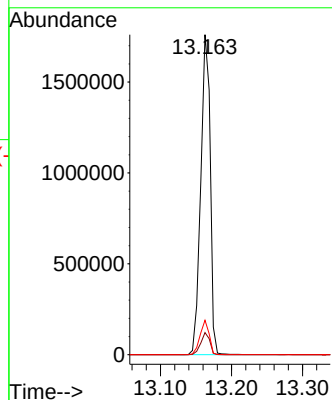
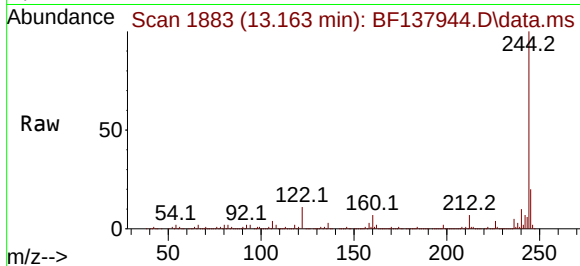




#79
 Terphenyl-d14
 Concen: 83.652 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137944.D
 Acq: 17 May 2024 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion:244 Resp: 1641086
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 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: BF137944.D
 Acq: 17 May 2024 21:13

Tgt Ion:264 Resp: 241533
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 21.9 17.6 26.4

