

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137937.D
 Acq On : 17 May 2024 17:48
 Operator : CG\JU
 Sample : P2497-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3823

Quant Time: May 17 22:52:42 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	130831	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	501324	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	282722	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	495728	20.000	ng	0.00
76) Chrysene-d12	14.221	240	280211	20.000	ng	0.00
86) Perylene-d12	15.786	264	311173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	887109	115.178	ng	0.01
7) Phenol-d6	6.657	99	989333	104.275	ng	0.00
23) Nitrobenzene-d5	7.604	82	713852	83.799	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	389627	136.679	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1495467	81.479	ng	0.00
79) Terphenyl-d14	13.163	244	1636478	86.072	ng	0.00

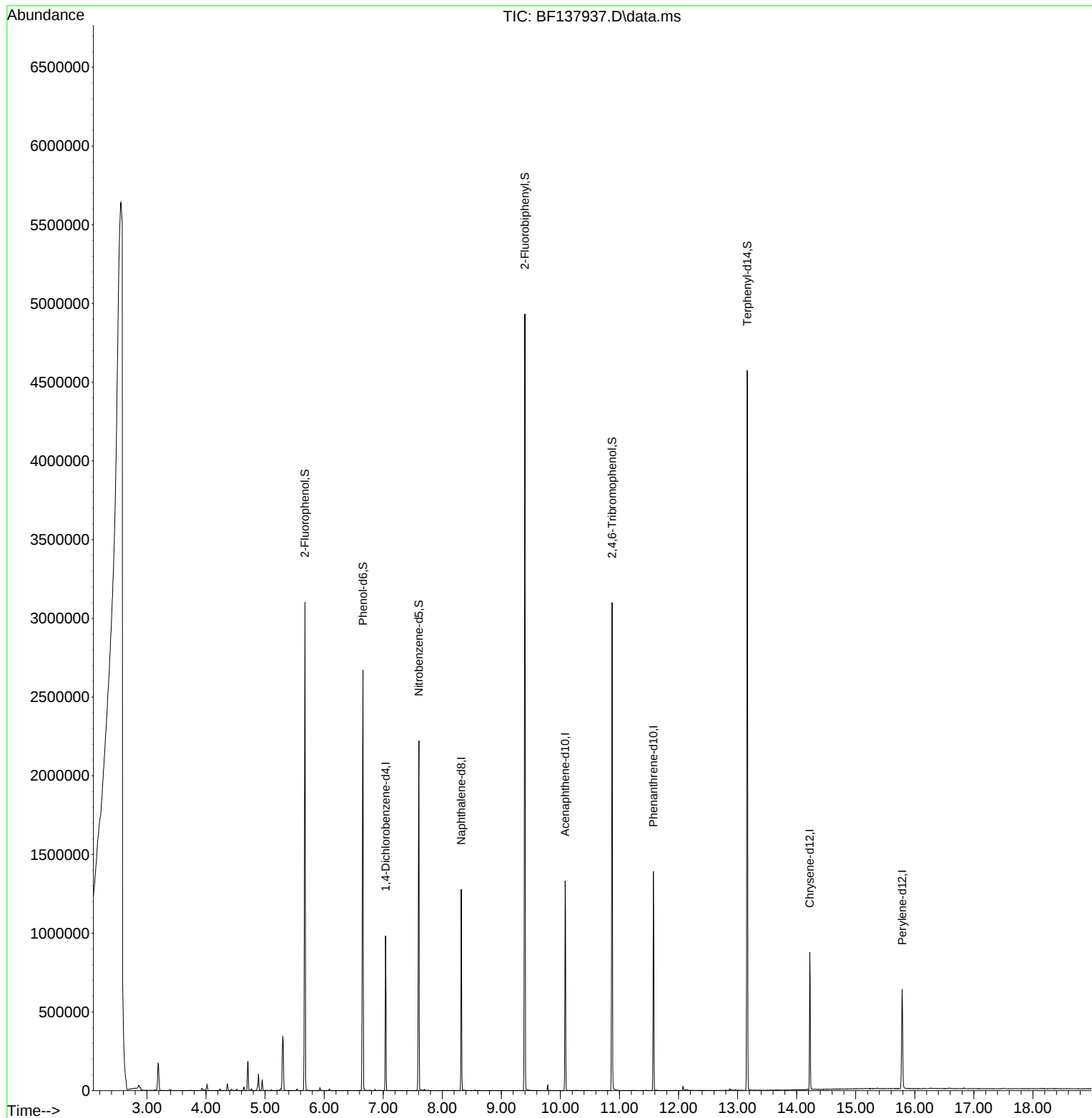
Target Compounds	Qvalue

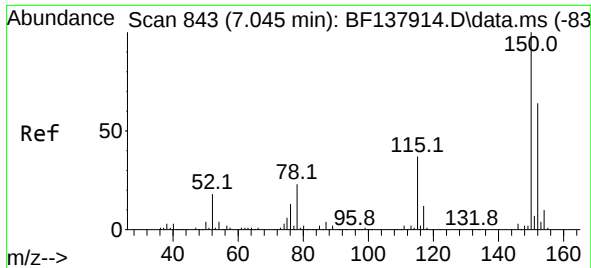
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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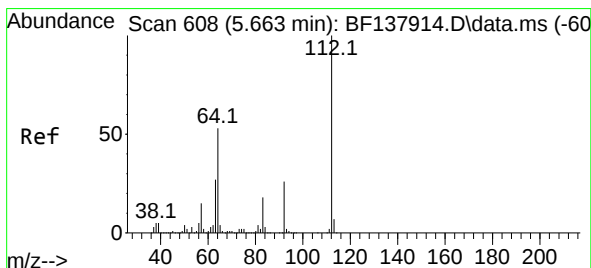
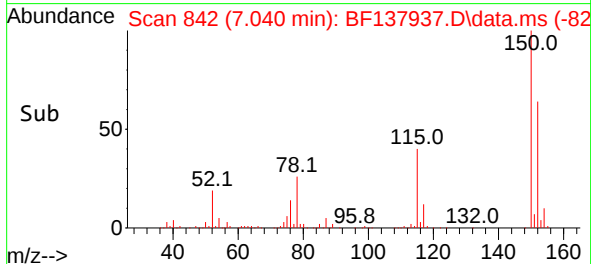
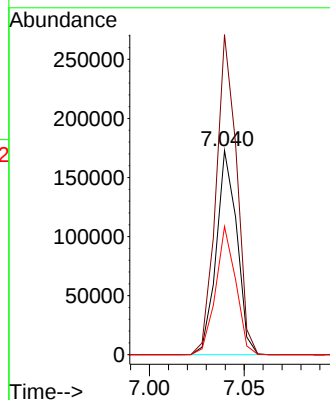
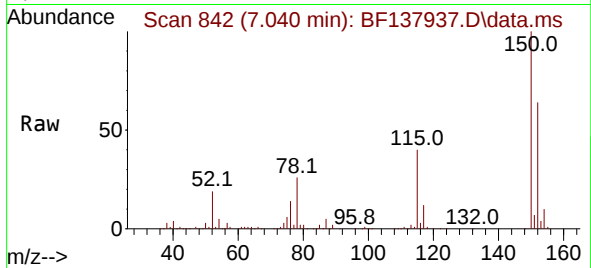




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BF137937.D
 Acq: 17 May 2024 17:48

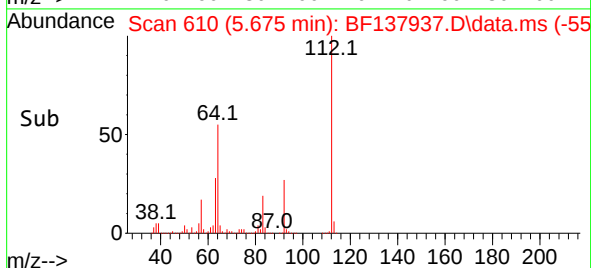
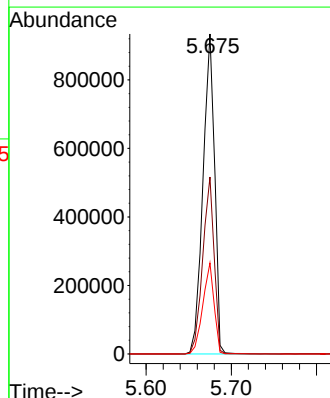
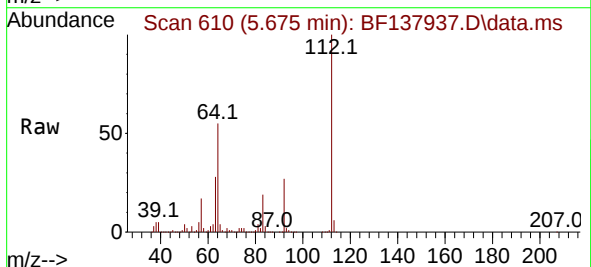
Instrument :
 BNA_F
 ClientSampleId :
 RT3823

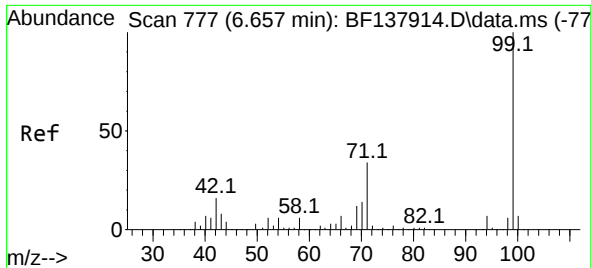
Tgt Ion:152 Resp: 130831
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.7 188.5
 115 62.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 115.178 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137937.D
 Acq: 17 May 2024 17:48

Tgt Ion:112 Resp: 887109
 Ion Ratio Lower Upper
 112 100
 64 55.3 42.4 63.6
 63 28.4 21.4 32.2

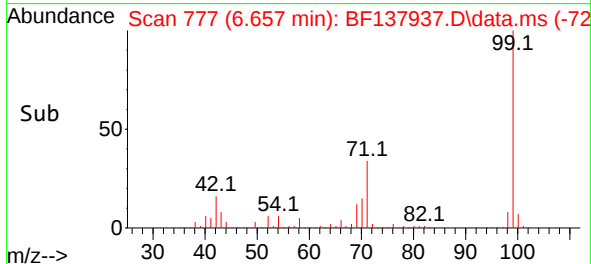
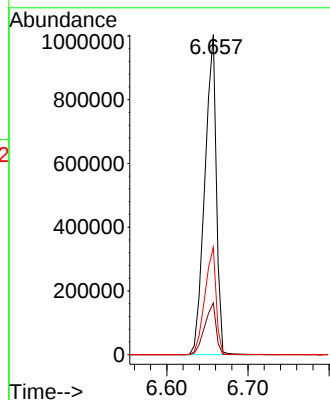
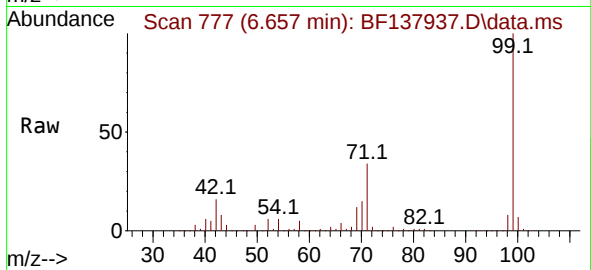




#7
Phenol-d6
Concen: 104.275 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

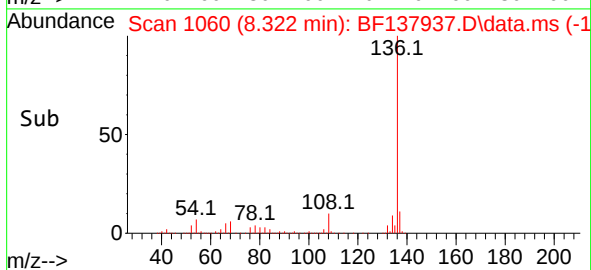
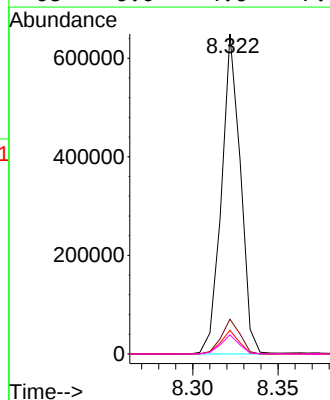
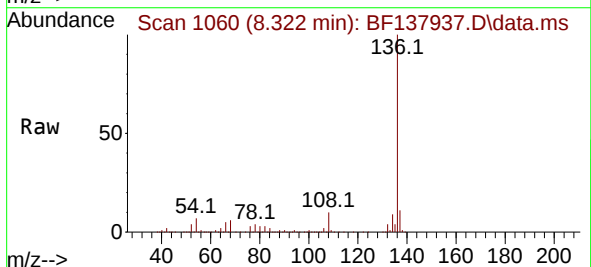
Instrument :
BNA_F
ClientSampleId :
RT3823

Tgt Ion: 99 Resp: 989333
Ion Ratio Lower Upper
99 100
42 16.2 12.6 18.8
71 33.6 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

Tgt Ion: 136 Resp: 501324
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.4 5.4 8.2
68 6.0 4.6 7.0

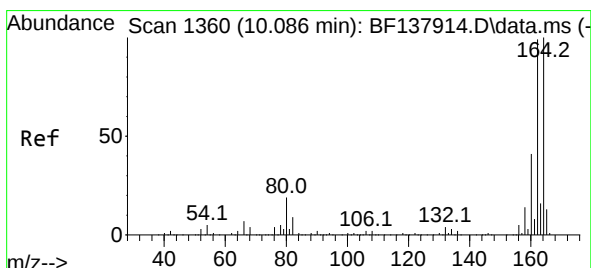
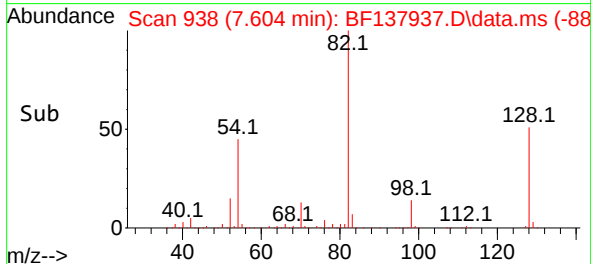
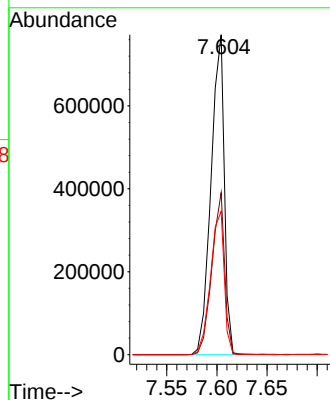
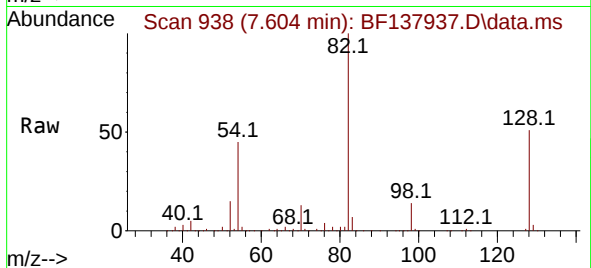




#23
Nitrobenzene-d5
Concen: 83.799 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

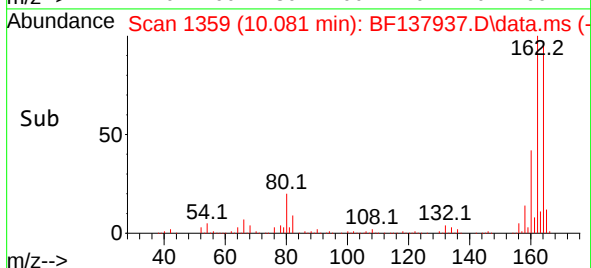
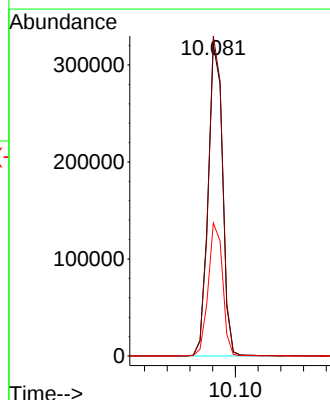
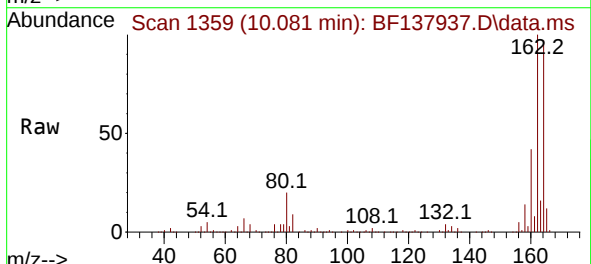
Instrument :
BNA_F
ClientSampleId :
RT3823

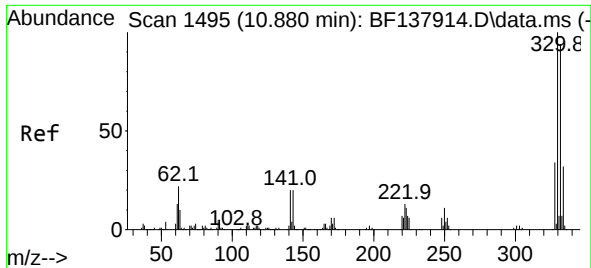
Tgt Ion: 82 Resp: 713852
Ion Ratio Lower Upper
82 100
128 50.6 40.3 60.5
54 44.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

Tgt Ion:164 Resp: 282722
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 42.7 33.1 49.7

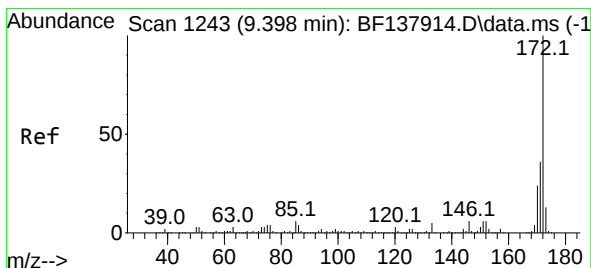
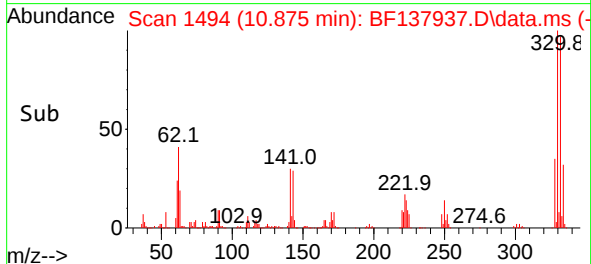
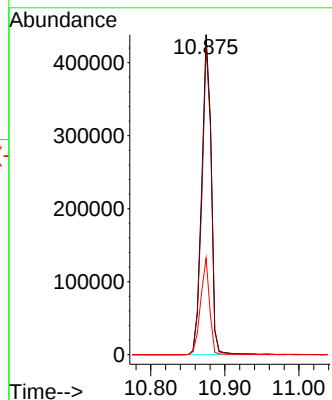
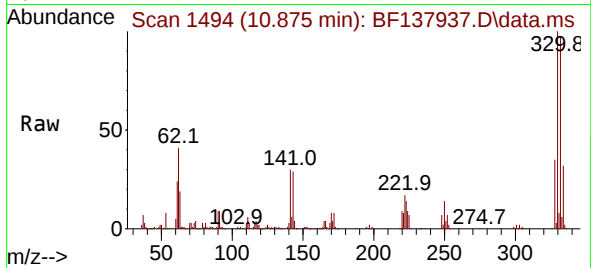




#42
2,4,6-Tribromophenol
Concen: 136.679 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

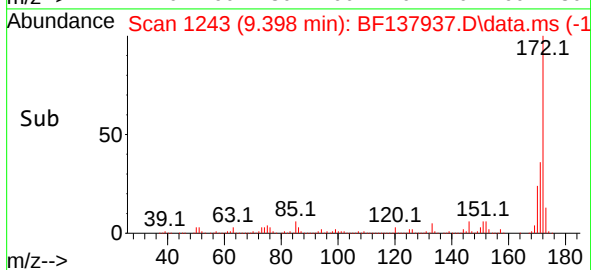
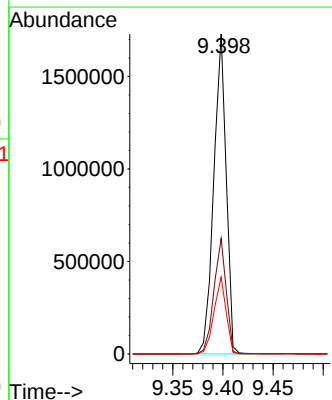
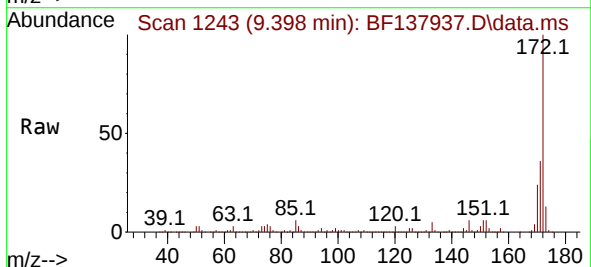
Instrument :
BNA_F
ClientSampleId :
RT3823

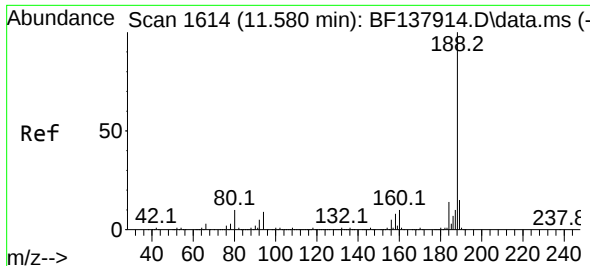
Tgt Ion:330 Resp: 389627
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.8
141 28.5 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 81.479 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

Tgt Ion:172 Resp: 1495467
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.0 18.9 28.3

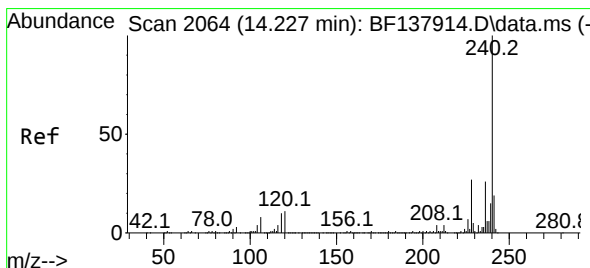
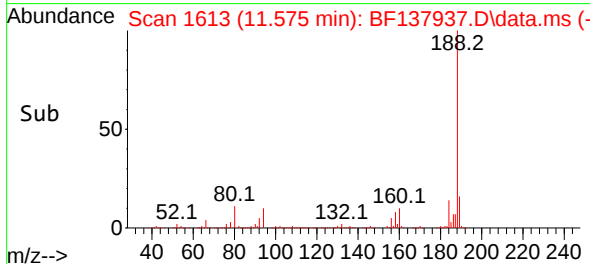
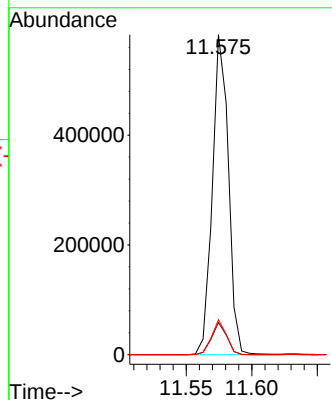
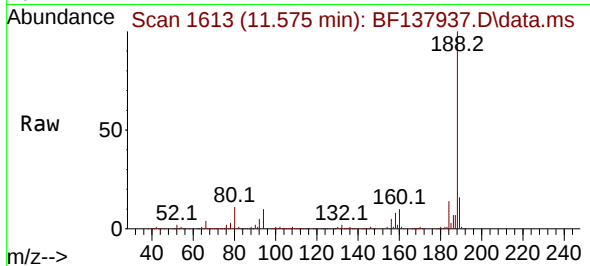




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

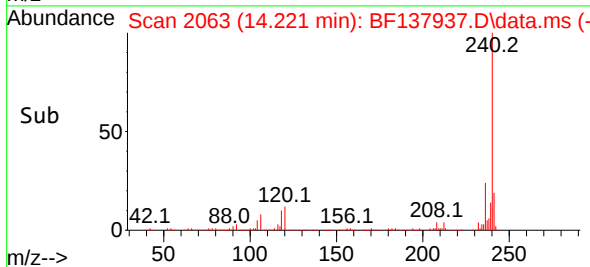
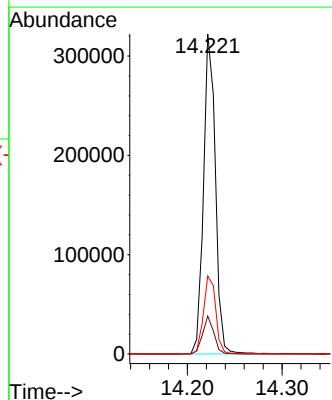
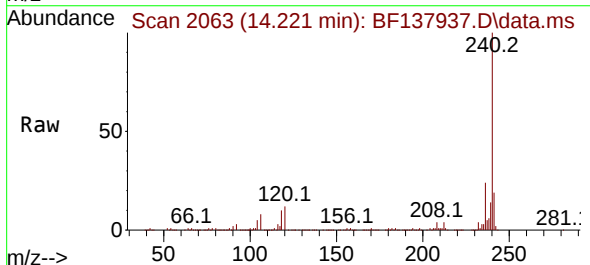
Instrument :
BNA_F
ClientSampleId :
RT3823

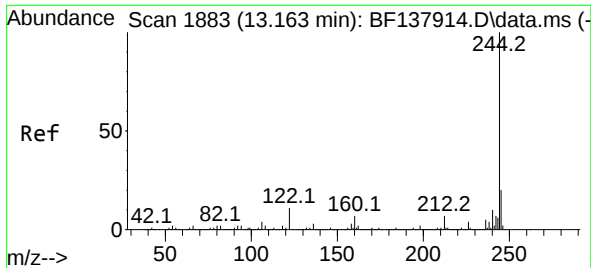
Tgt Ion:188 Resp: 495728
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137937.D
Acq: 17 May 2024 17:48

Tgt Ion:240 Resp: 280211
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 24.4 21.0 31.4

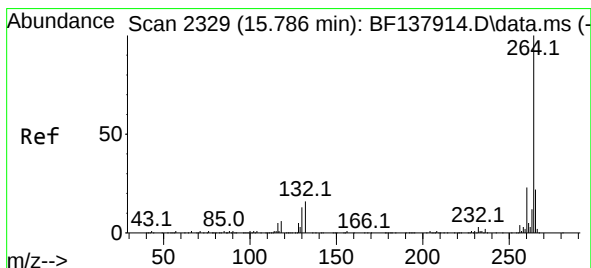
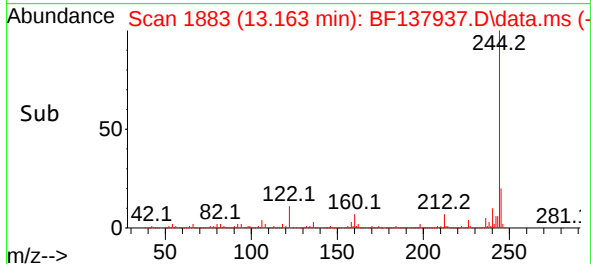
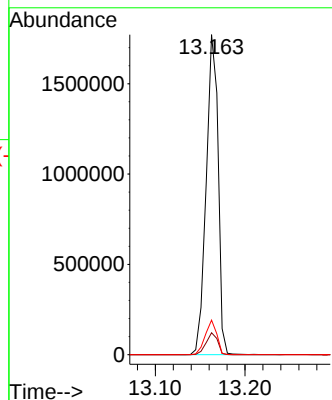
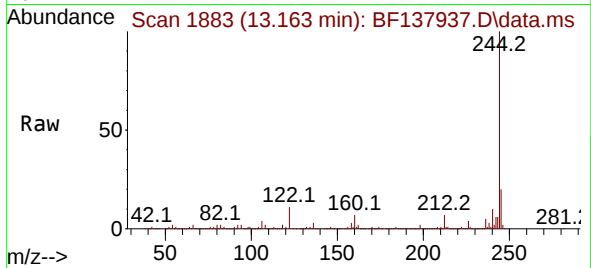




#79
 Terphenyl-d14
 Concen: 86.072 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137937.D
 Acq: 17 May 2024 17:48

Instrument :
 BNA_F
 ClientSampleId :
 RT3823

Tgt Ion:244 Resp: 1636478
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 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: BF137937.D
 Acq: 17 May 2024 17:48

Tgt Ion:264 Resp: 311173
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 21.3 17.6 26.4

