

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137966.D
 Acq On : 20 May 2024 18:37
 Operator : CG\JU
 Sample : P2513-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 21 01:20:37 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)

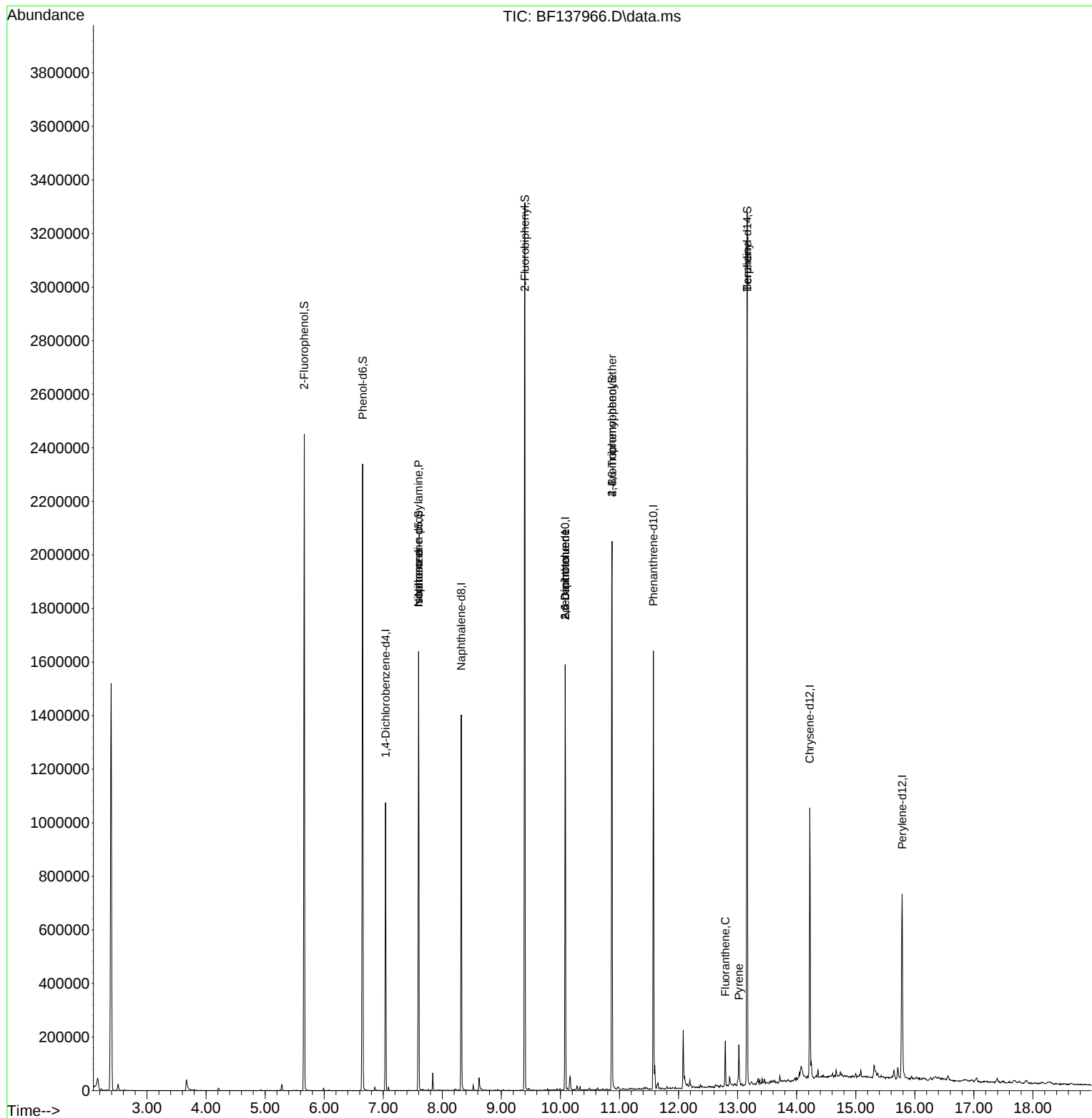
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	141682	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	555868	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	315866	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	541550	20.000	ng	0.00
76) Chrysene-d12	14.221	240	314814	20.000	ng	0.00
86) Perylene-d12	15.786	264	341521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	671163	80.467	ng	0.00
7) Phenol-d6	6.651	99	830924	80.871	ng	0.00
23) Nitrobenzene-d5	7.598	82	491635	52.050	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	271488	85.243	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1052788	51.341	ng	0.00
79) Terphenyl-d14	13.163	244	1109485	51.940	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	65052	11.269	ng	# 76
25) Isophorone	7.598	82	491629	29.990	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	40532	8.916	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	40532	6.897	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	17150	2.889	ng	# 1
75) Fluoranthene	12.792	202	59231	2.187	ng	99
77) Benzidine	13.163	184	13241	3.218	ng	# 91
78) Pyrene	13.021	202	55457	2.014	ng	98

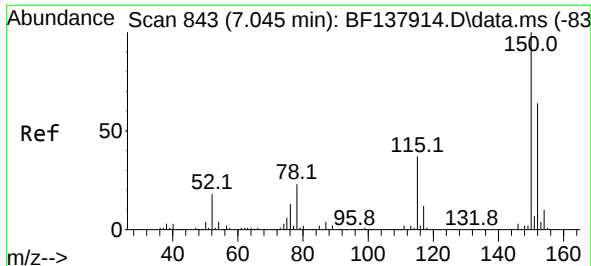
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137966.D
Acq On : 20 May 2024 18:37
Operator : CG\JU
Sample : P2513-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: May 21 01:20:37 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

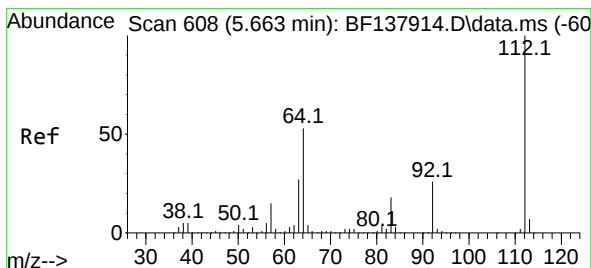
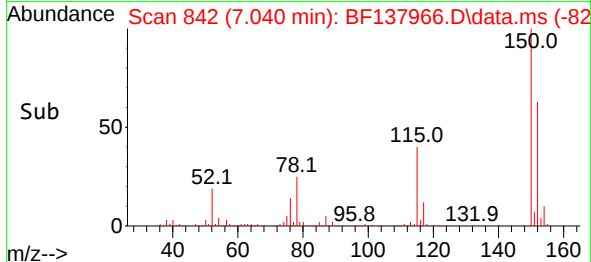
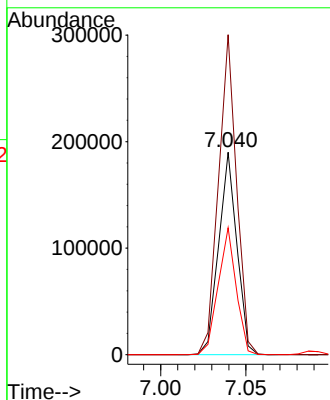
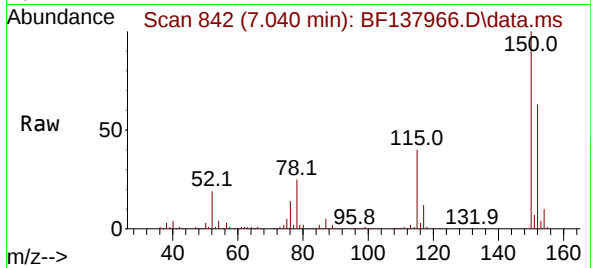




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

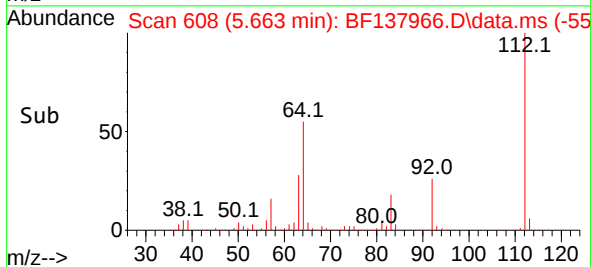
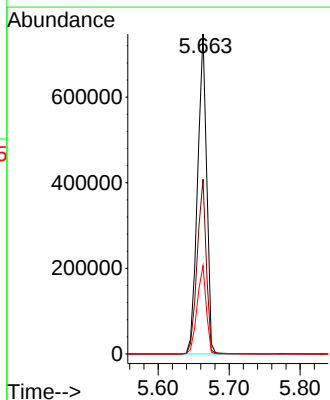
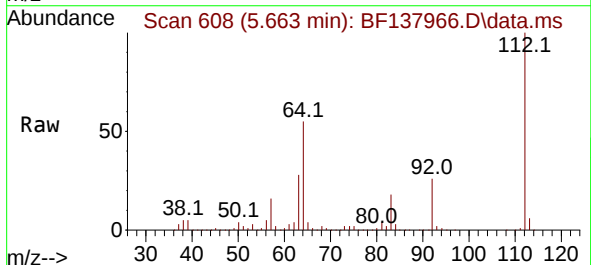
Instrument :
BNA_F
ClientSampleId :
TP-15

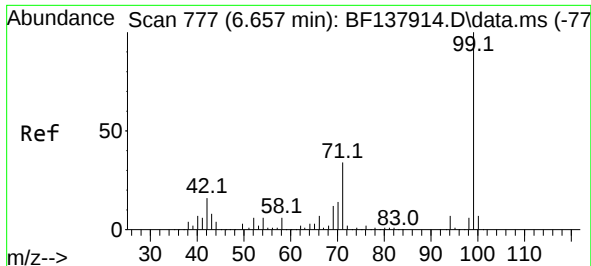
Tgt Ion:152 Resp: 141682
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 62.7 47.0 70.6



#5
2-Fluorophenol
Concen: 80.467 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:112 Resp: 671163
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.6 21.4 32.2

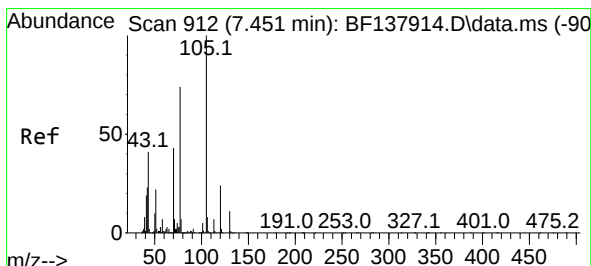
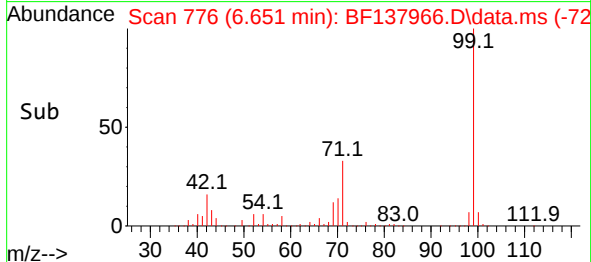
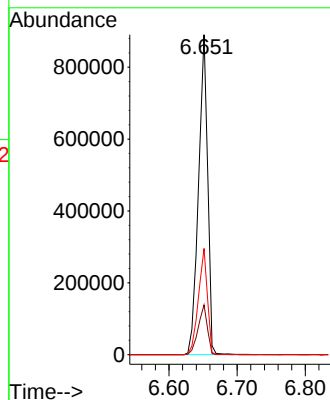
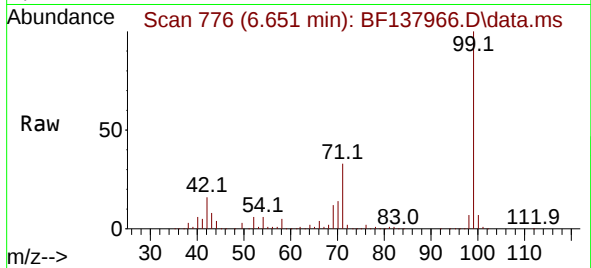




#7
Phenol-d6
Concen: 80.871 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

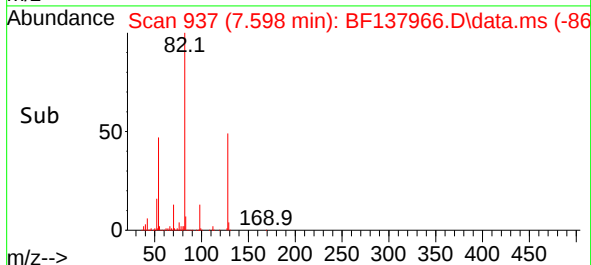
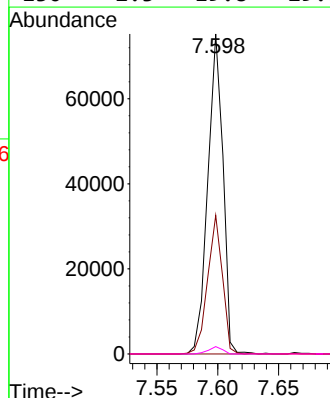
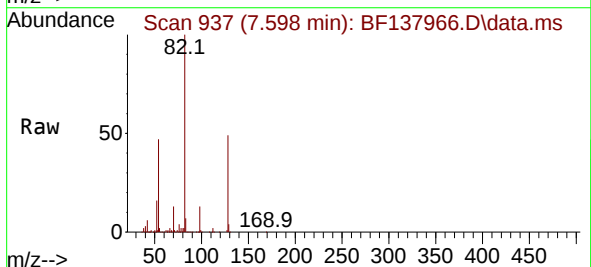
Instrument :
BNA_F
ClientSampleId :
TP-15

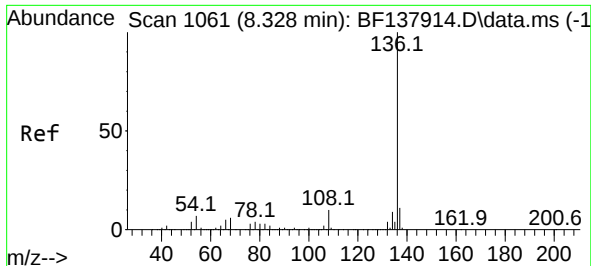
Tgt Ion: 99 Resp: 830924
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.269 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion: 70 Resp: 65052
Ion Ratio Lower Upper
70 100
42 43.3 42.2 63.4
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#



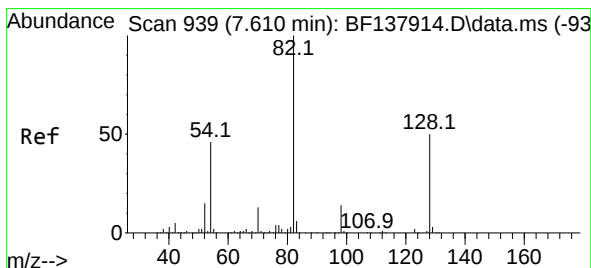
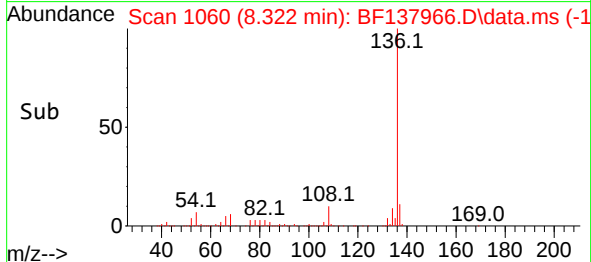
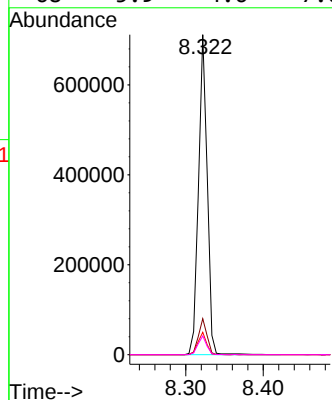
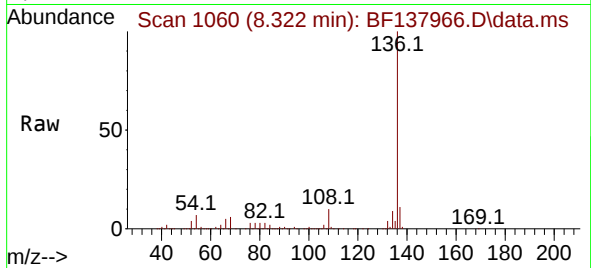


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:136 Resp: 555868

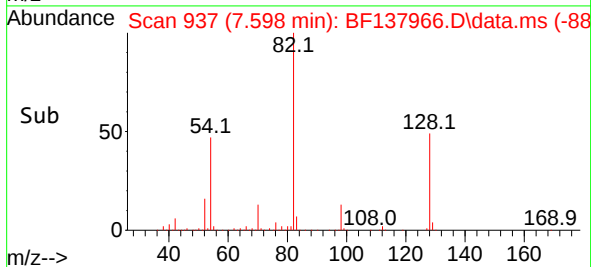
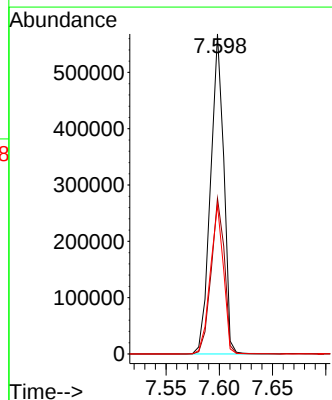
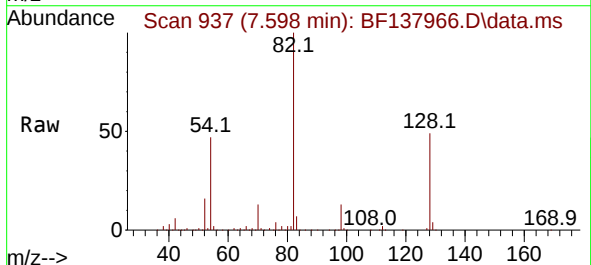
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.0	5.4	8.2
68	5.9	4.6	7.0

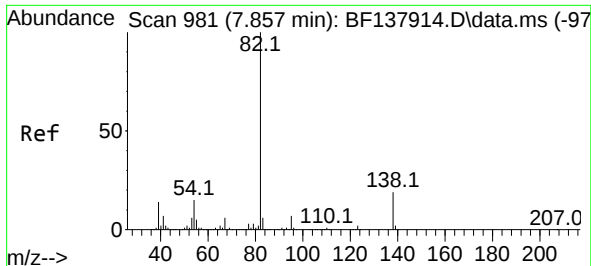


#23
Nitrobenzene-d5
Concen: 52.050 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion: 82 Resp: 491635

Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.3	60.5
54	46.6	36.8	55.2

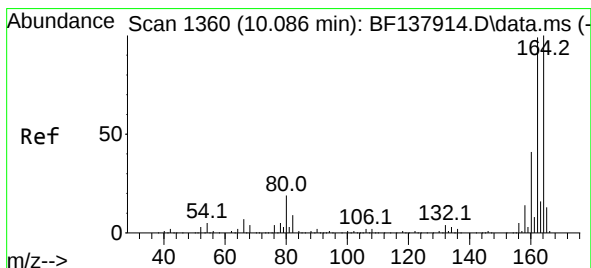
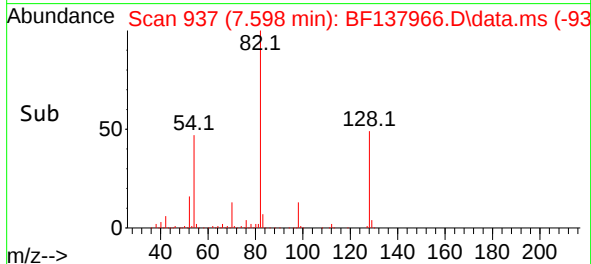
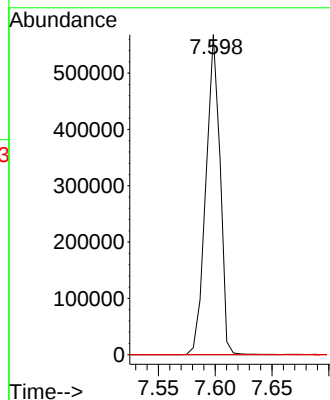
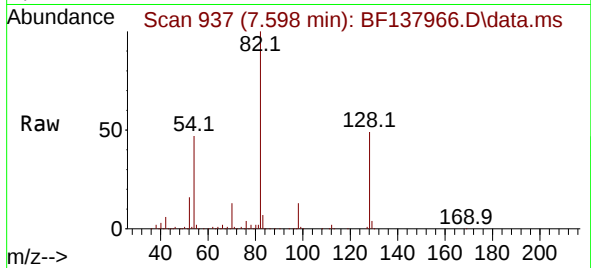




#25
Isophorone
Concen: 29.990 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

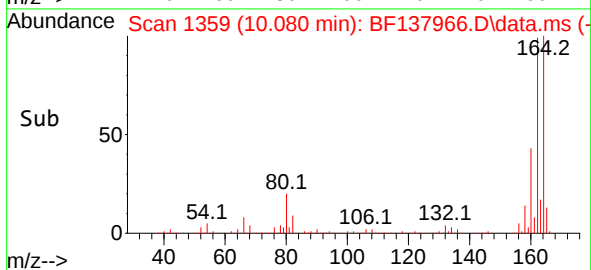
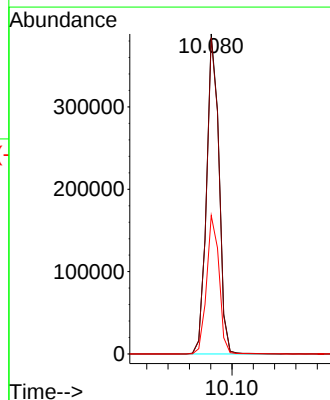
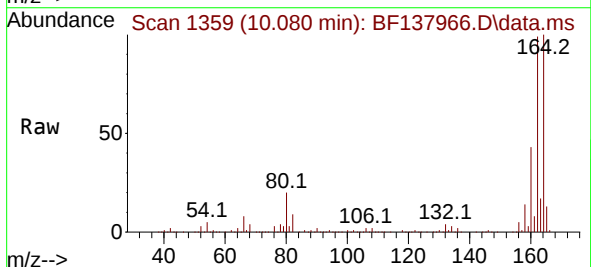
Instrument :
BNA_F
ClientSampleId :
TP-15

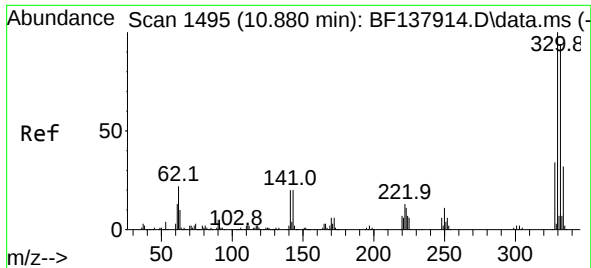
Tgt Ion: 82 Resp: 491629
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:164 Resp: 315866
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 43.2 33.1 49.7

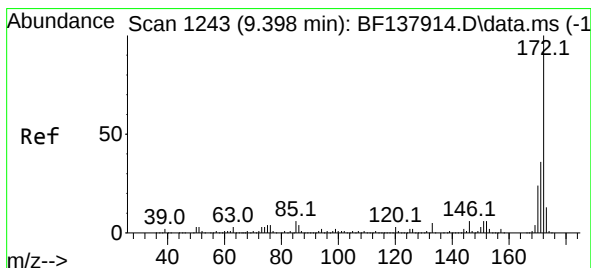
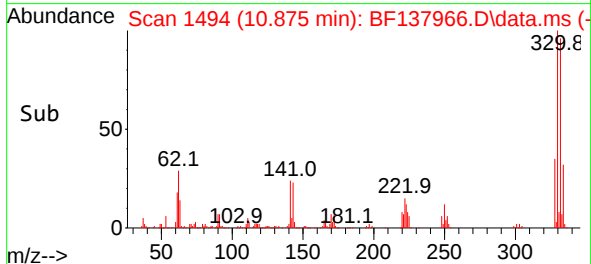
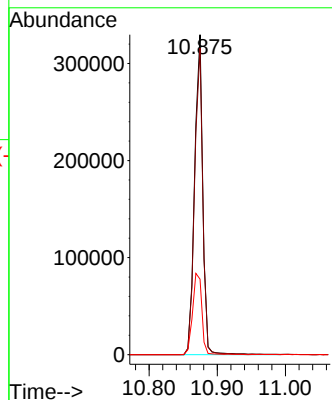
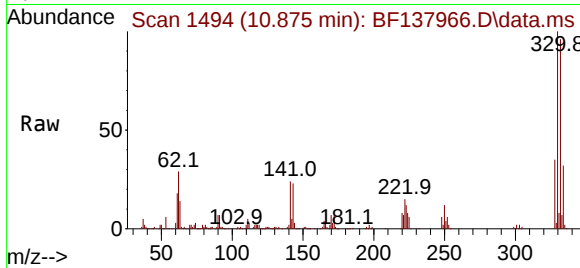




#42
2,4,6-Tribromophenol
Concen: 85.243 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

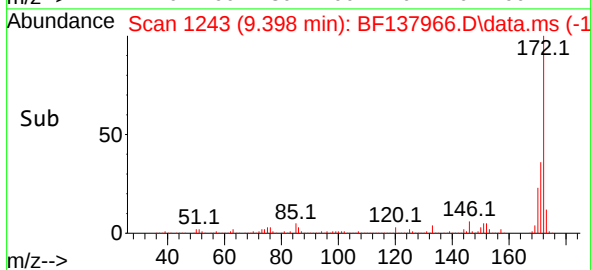
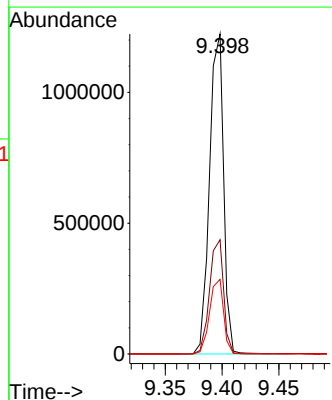
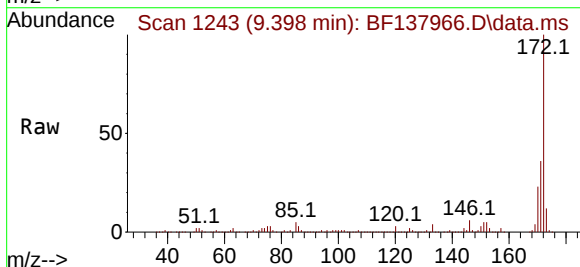
Instrument :
BNA_F
ClientSampleId :
TP-15

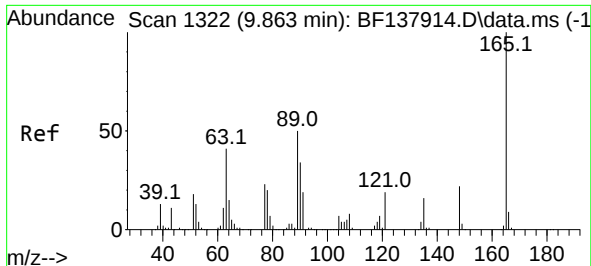
Tgt Ion:330 Resp: 271488
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 28.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 51.341 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:172 Resp: 1052788
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.3 18.9 28.3

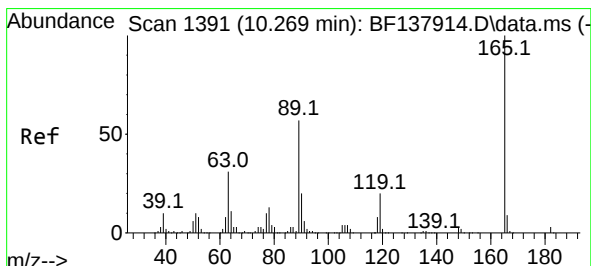
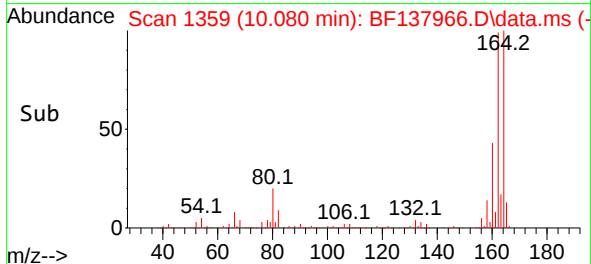
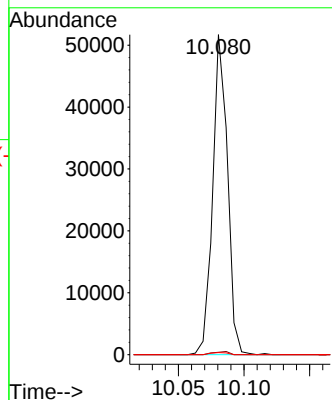
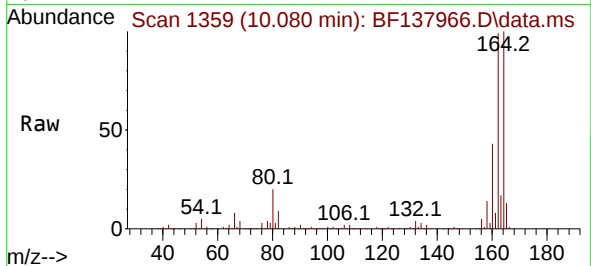




#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

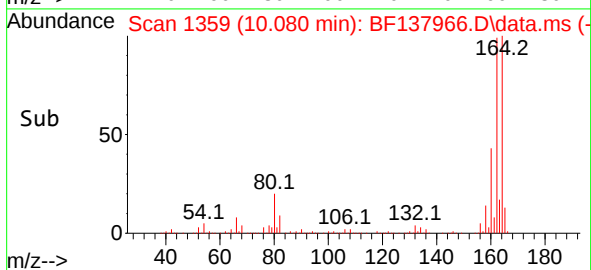
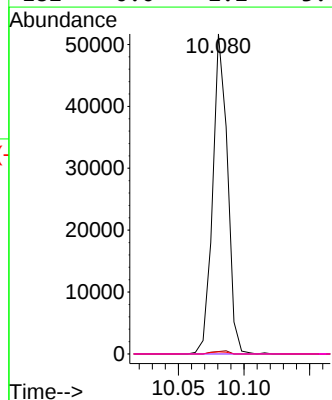
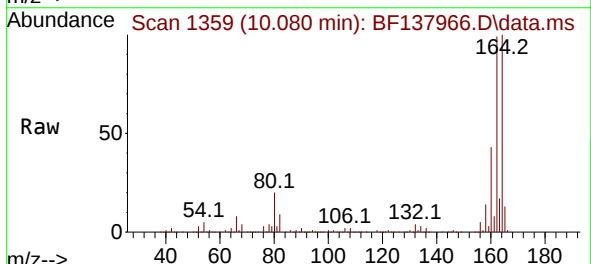
Instrument :
BNA_F
ClientSampleId :
TP-15

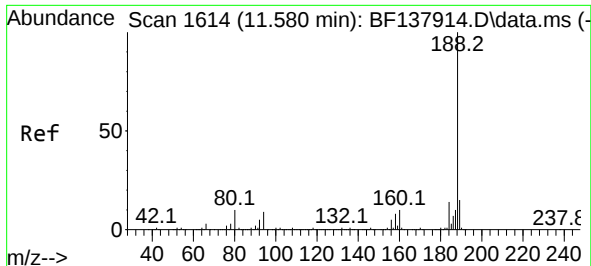
Tgt Ion:165 Resp: 40532
Ion Ratio Lower Upper
165 100
63 0.8 38.9 58.3#
89 0.7 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.897 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:165 Resp: 40532
Ion Ratio Lower Upper
165 100
63 0.8 25.3 37.9#
89 0.7 45.9 68.9#
182 0.0 2.2 3.4#

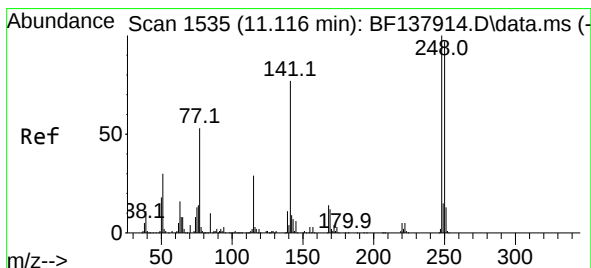
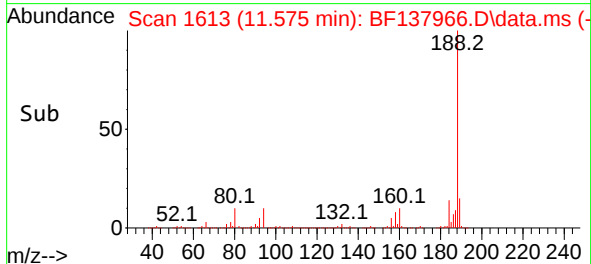
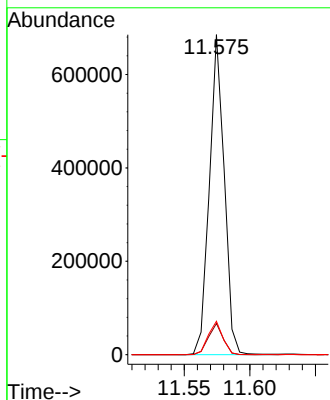
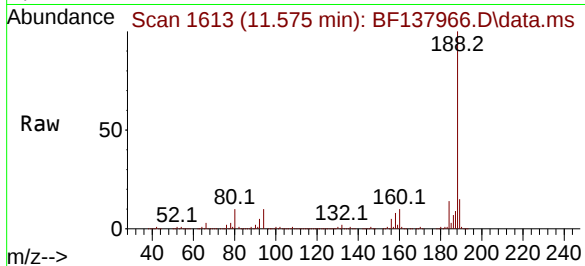




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

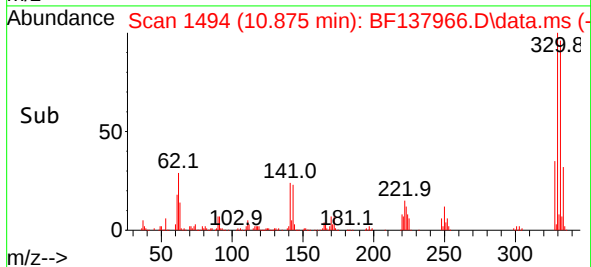
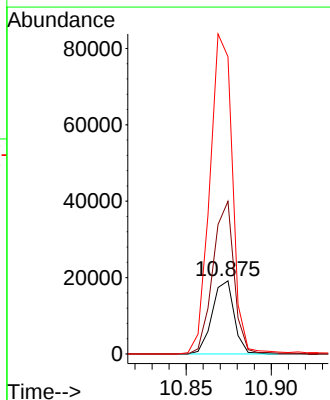
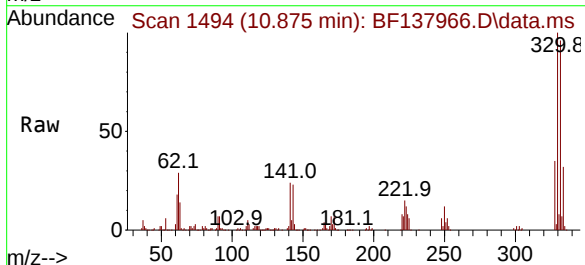
Instrument :
BNA_F
ClientSampleId :
TP-15

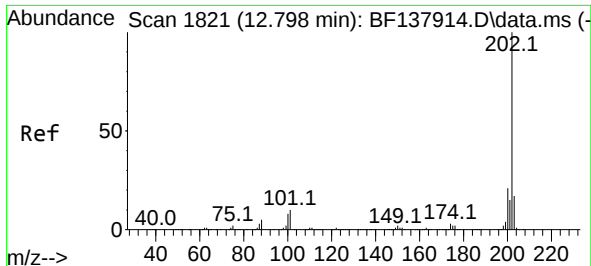
Tgt Ion:188 Resp: 541550
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.4 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.889 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:248 Resp: 17150
Ion Ratio Lower Upper
248 100
250 208.5 77.6 116.4#
141 406.2 61.4 92.2#

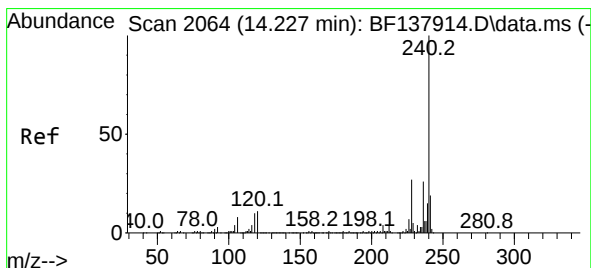
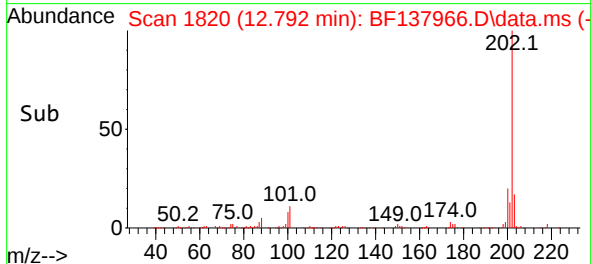
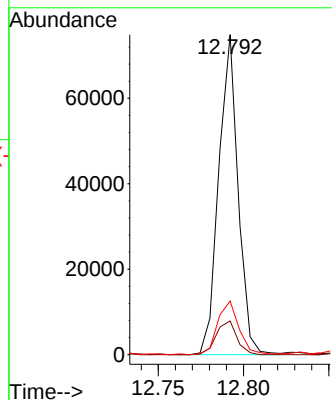
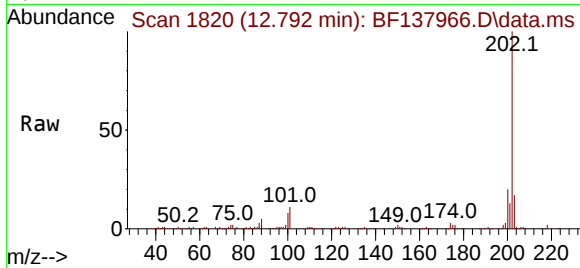




#75
Fluoranthene
Concen: 2.187 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

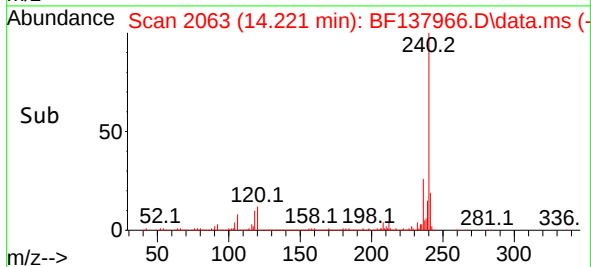
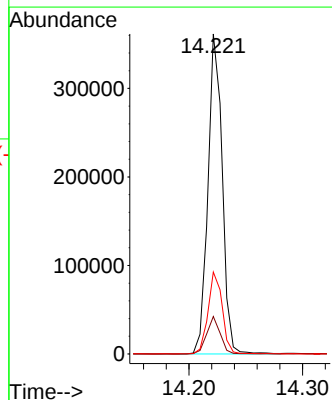
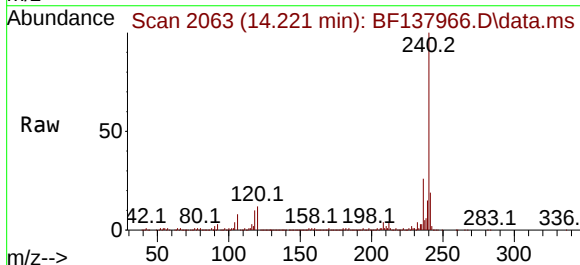
Instrument :
BNA_F
ClientSampleId :
TP-15

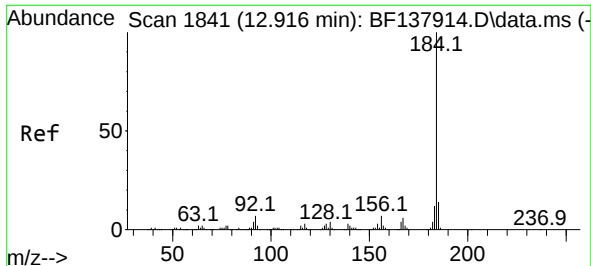
Tgt Ion:	202	Resp:	59231
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.5
203	16.7	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:	240	Resp:	314814
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.9	13.3
236	25.6	21.0	31.4

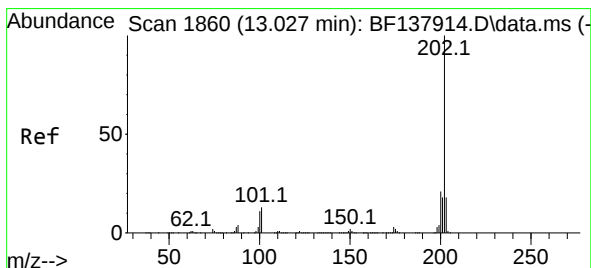
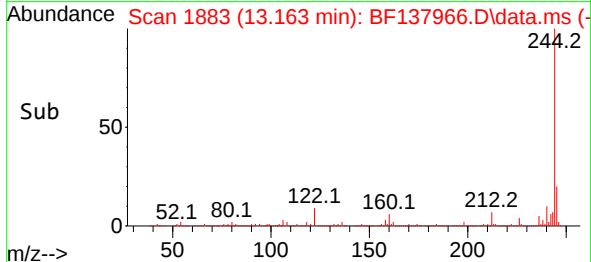
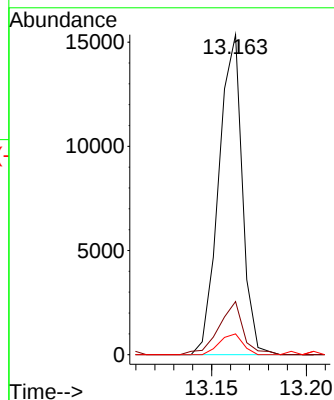
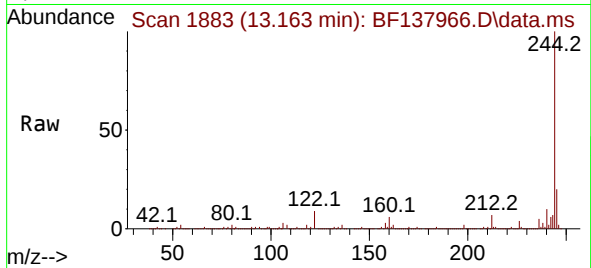




#77
Benzidine
Concen: 3.218 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

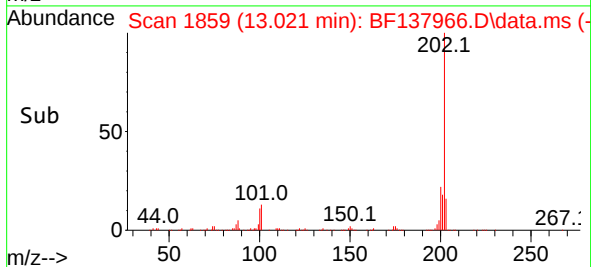
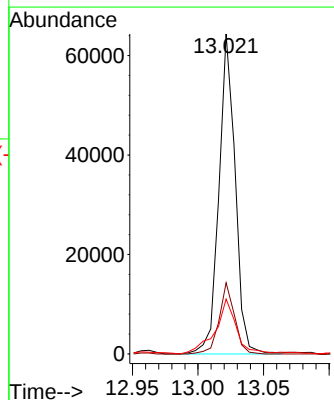
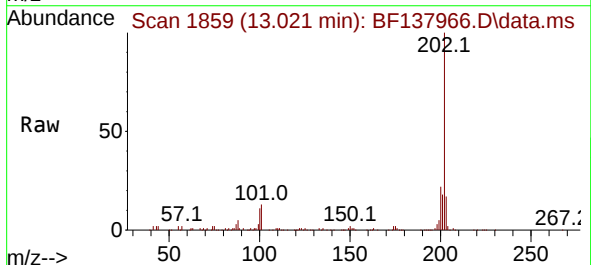
Instrument :
BNA_F
ClientSampleId :
TP-15

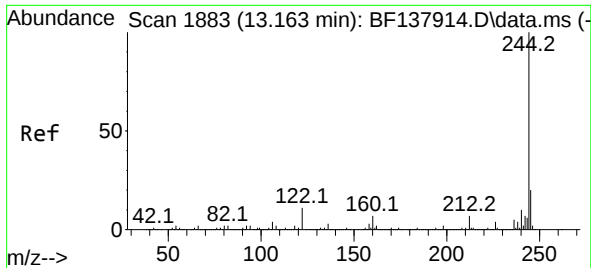
Tgt Ion:184 Resp: 13241
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.2
183 6.5 9.5 14.3#



#78
Pyrene
Concen: 2.014 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:202 Resp: 55457
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 17.2 14.1 21.1

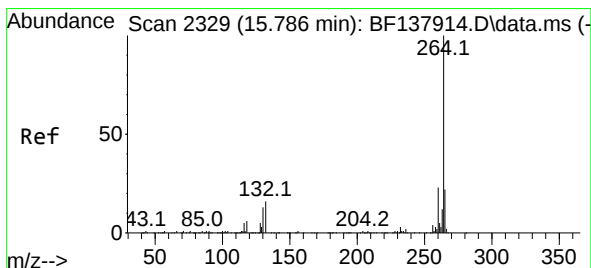
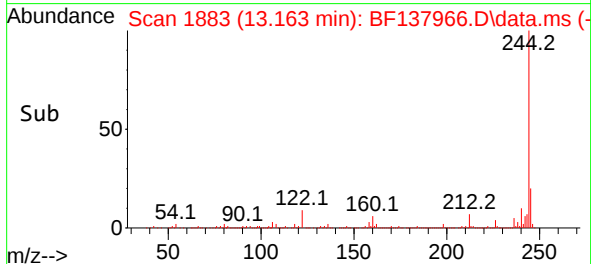
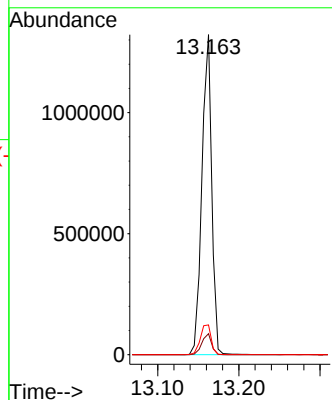
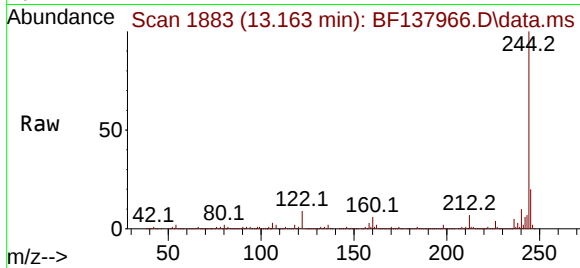




#79
 Terphenyl-d14
 Concen: 51.940 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137966.D
 Acq: 20 May 2024 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 1109485
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.3 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: BF137966.D
 Acq: 20 May 2024 18:37

Tgt Ion:264 Resp: 341521
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 20.9 17.6 26.4

