

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130968.D
 Acq On : 03 Nov 2022 19:51
 Operator : CG\JU
 Sample : N5396-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Nov 04 06:21:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

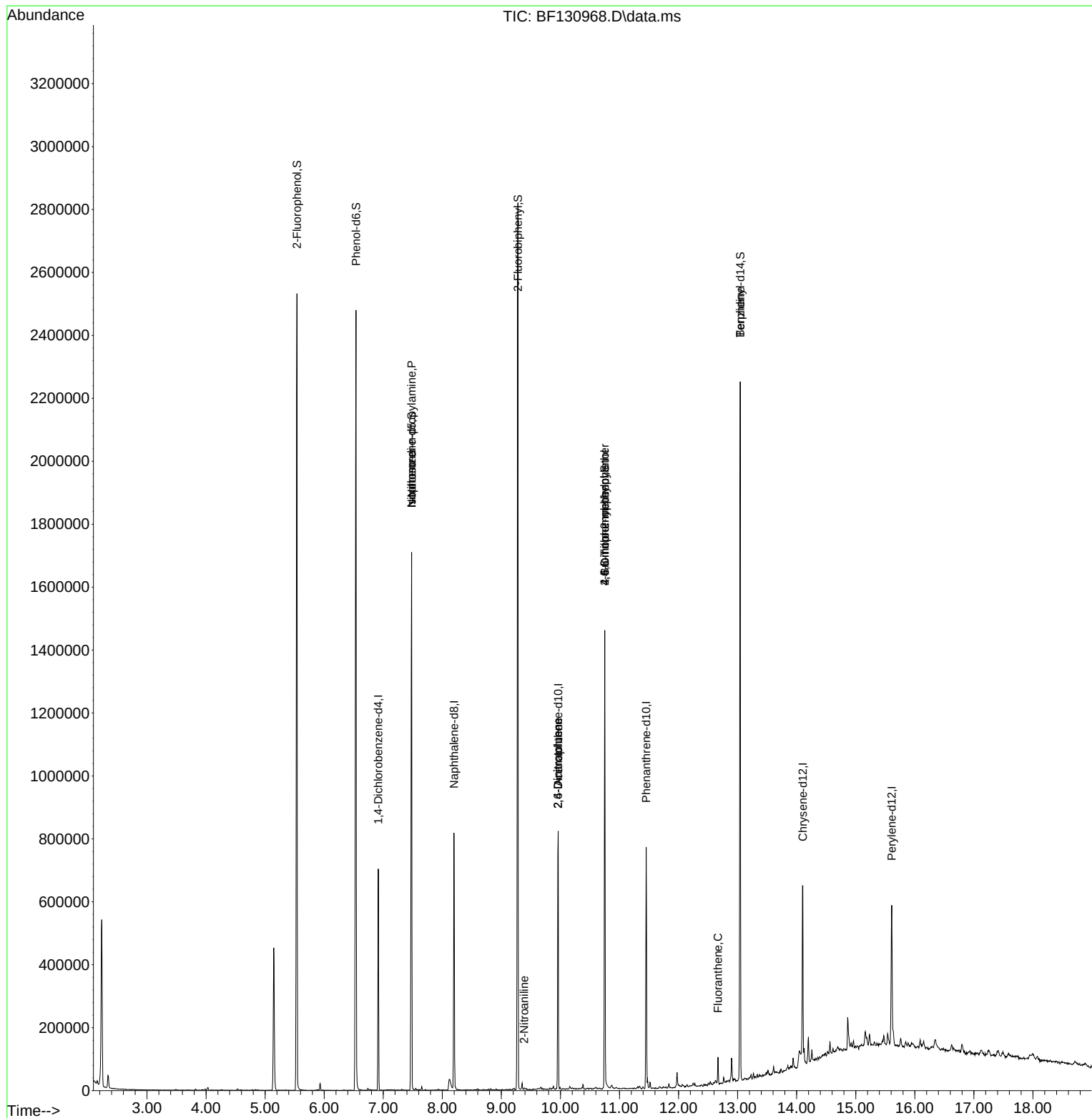
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91076	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	340501	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	165687	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	254422	20.000	ng	0.00
76) Chrysene-d12	14.104	240	195729	20.000	ng	0.00
86) Perylene-d12	15.609	264	207202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	657045	125.067	ng	0.01
7) Phenol-d6	6.539	99	815992	119.525	ng	0.00
23) Nitrobenzene-d5	7.481	82	542097	95.999	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	151979	108.965	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	918866	83.846	ng	0.00
79) Terphenyl-d14	13.045	244	706945	66.186	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	74893	16.123	ng	# 77
25) Isophorone	7.481	82	542090	46.553	ng	# 66
48) 2-Nitroaniline	9.386	65	73	4.169	ng	# 12
51) 2,6-Dinitrotoluene	9.957	165	21659	12.219	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	21659	11.060	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	400	8.242	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	9514	3.718	ng	# 1
75) Fluoranthene	12.668	202	29276	2.098	ng	98
77) Benzidine	13.045	184	10210	2.149	ng	# 92

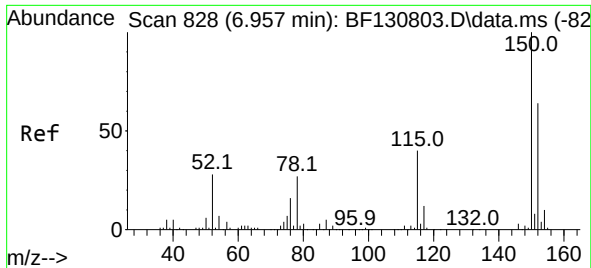
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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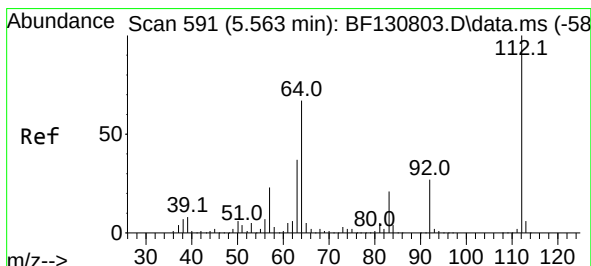
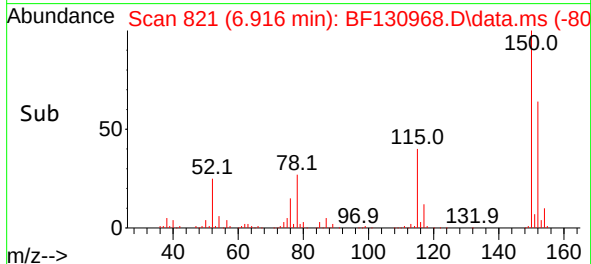
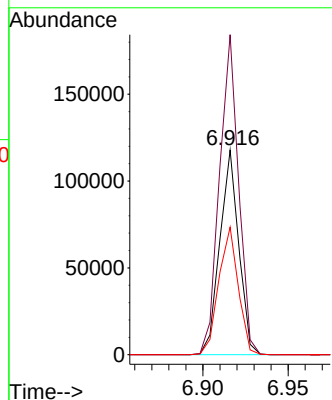
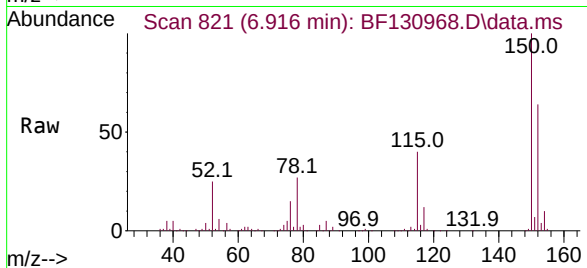




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

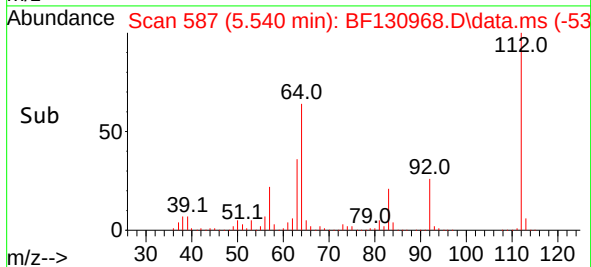
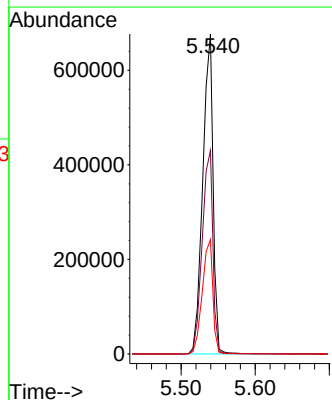
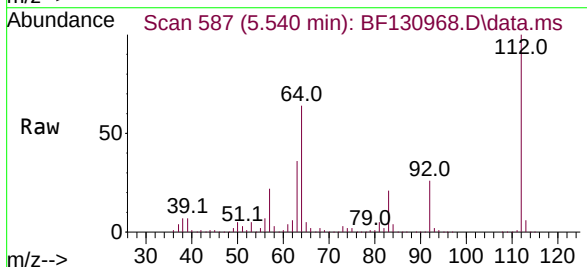
Instrument :
BNA_F
ClientSampleId :
TP-B

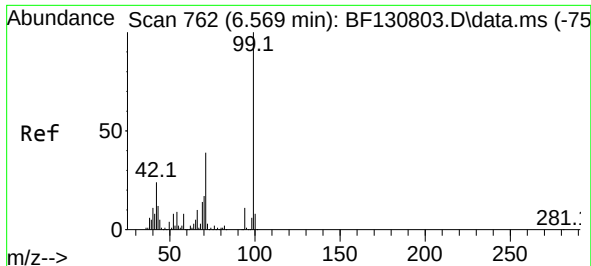
Tgt Ion:152 Resp: 91076
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 62.3 50.1 75.1



#5
2-Fluorophenol
Concen: 125.067 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:112 Resp: 657045
Ion Ratio Lower Upper
112 100
64 63.6 53.9 80.9
63 35.7 29.4 44.2

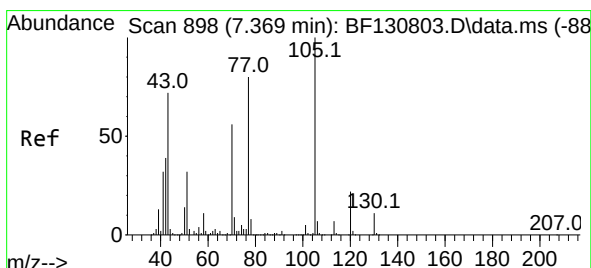
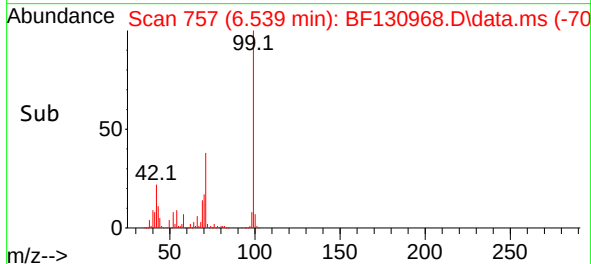
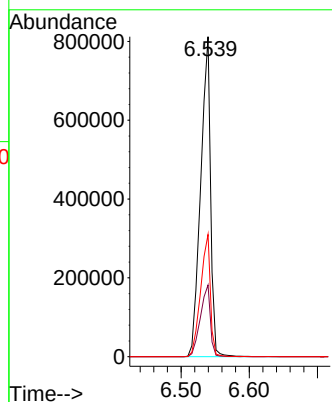
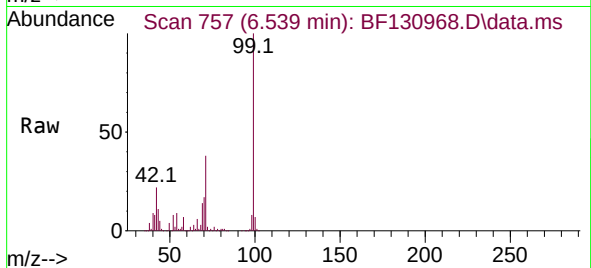




#7
Phenol-d6
Concen: 119.525 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

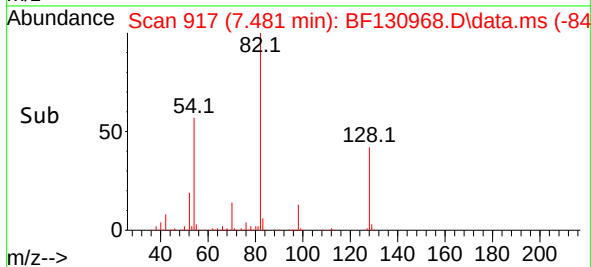
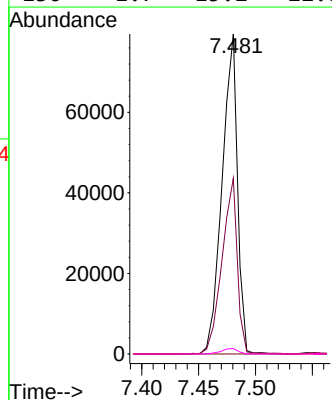
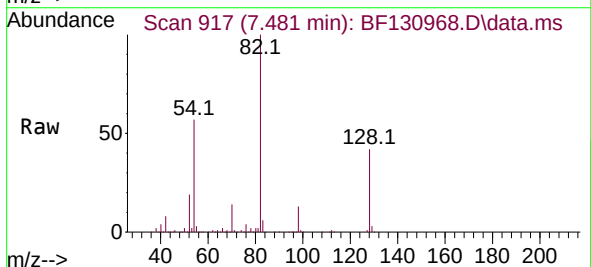
Instrument :
BNA_F
ClientSampleId :
TP-B

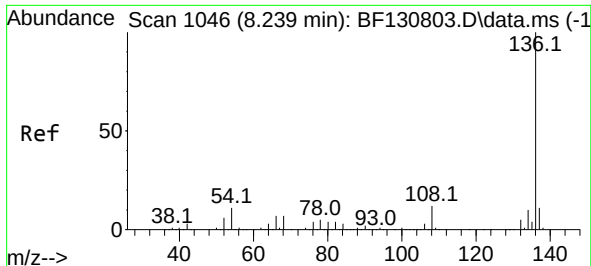
Tgt Ion: 99 Resp: 815992
Ion Ratio Lower Upper
99 100
42 22.4 18.8 28.2
71 38.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.123 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion: 70 Resp: 74893
Ion Ratio Lower Upper
70 100
42 54.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

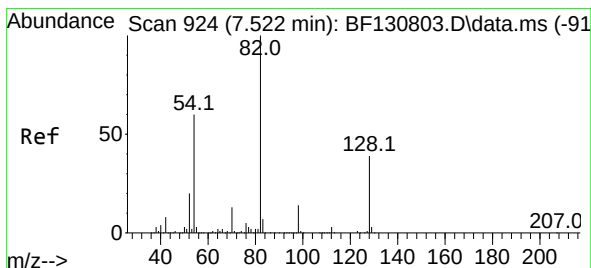
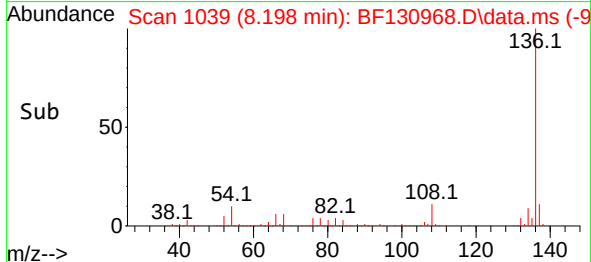
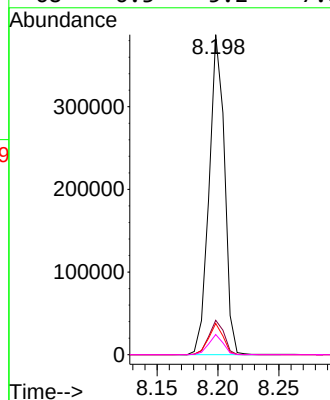
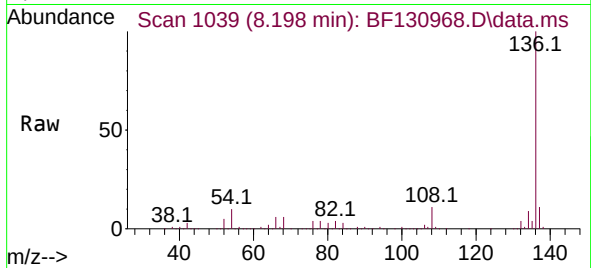




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

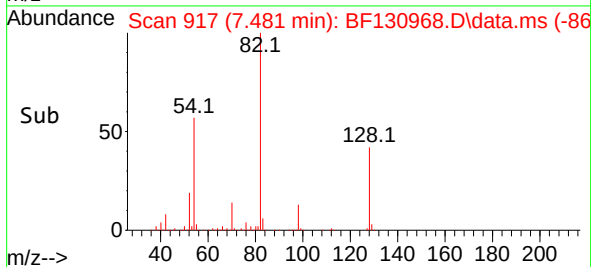
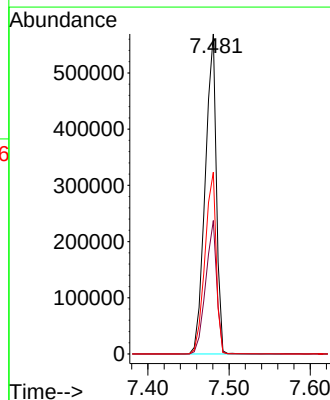
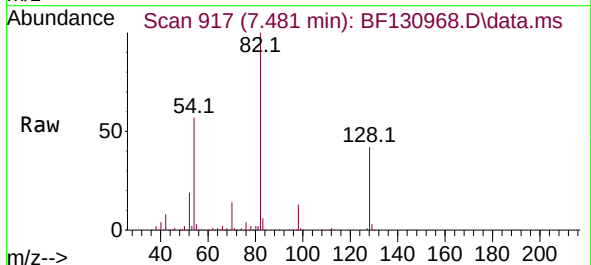
Instrument :
BNA_F
ClientSampleId :
TP-B

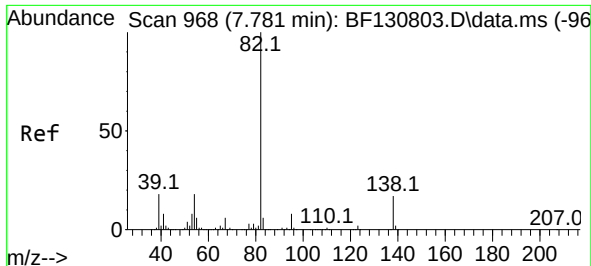
Tgt Ion:136	Resp: 340501
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 9.7	8.8 13.2
68 6.3	5.2 7.8



#23
Nitrobenzene-d5
Concen: 95.999 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion: 82	Resp: 542097
Ion Ratio	Lower Upper
82 100	
128 41.7	31.2 46.8
54 56.8	48.0 72.0

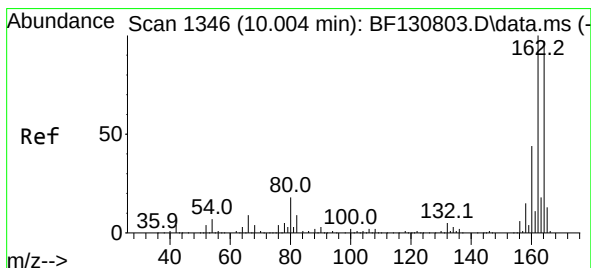
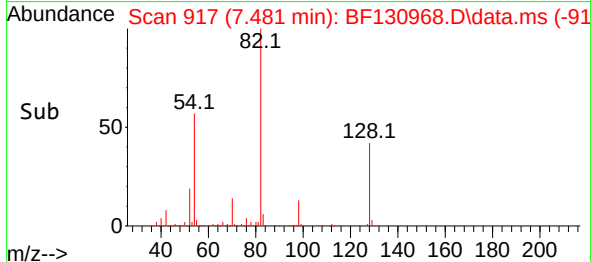
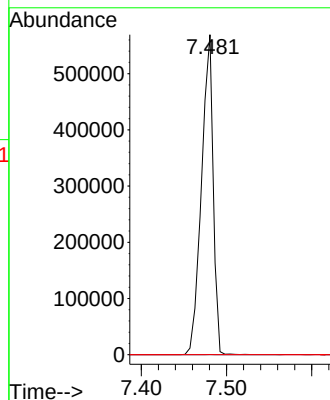
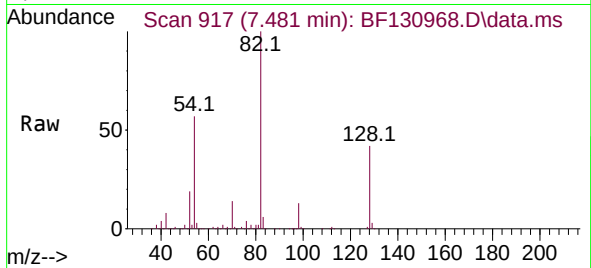




#25
Isophorone
Concen: 46.553 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

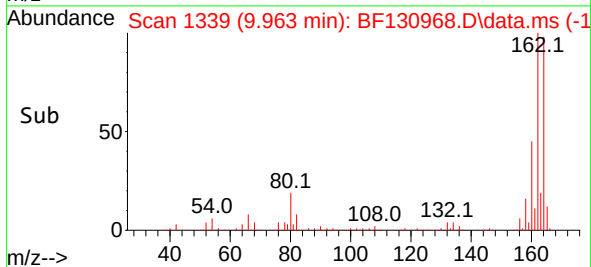
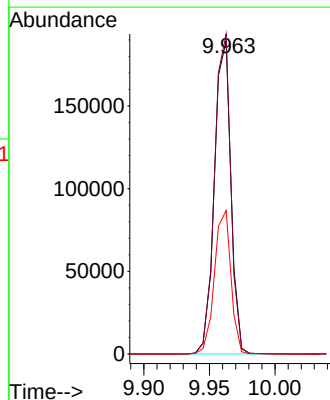
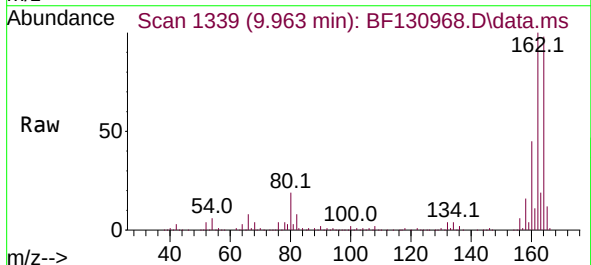
Instrument :
BNA_F
ClientSampleId :
TP-B

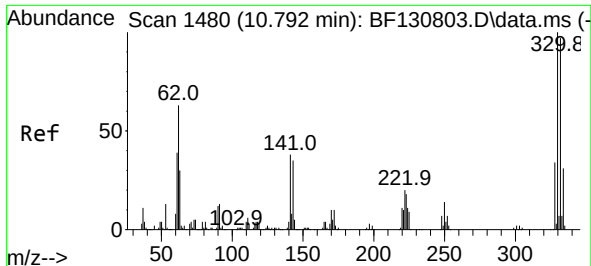
Tgt Ion: 82 Resp: 542090
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:164 Resp: 165687
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 45.8 36.6 54.8

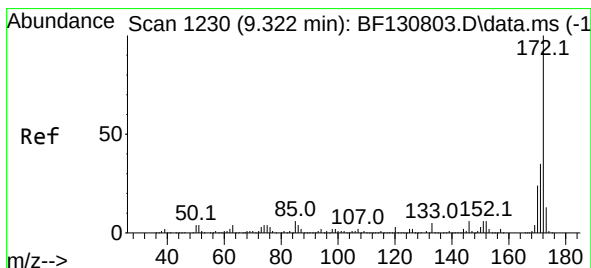
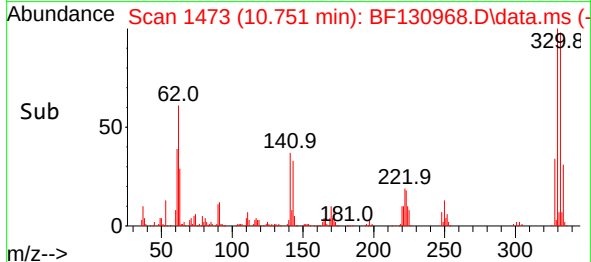
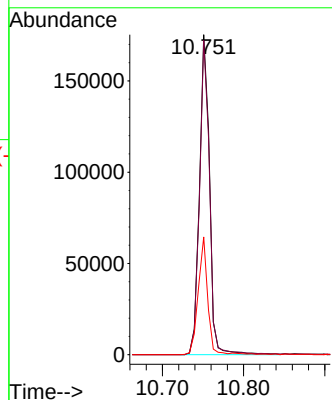
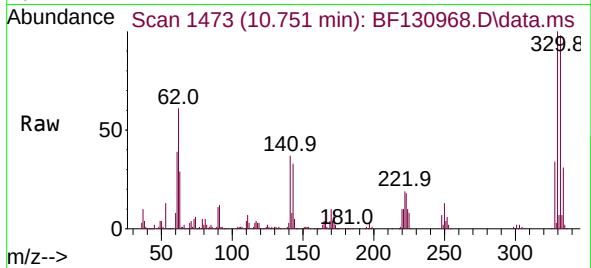




#42
2,4,6-Tribromophenol
Concen: 108.965 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

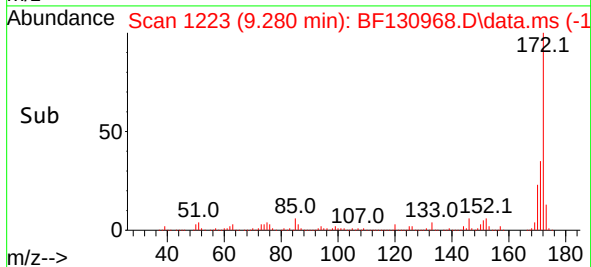
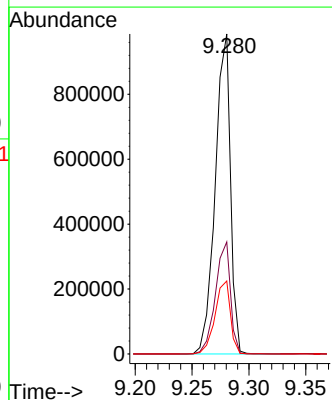
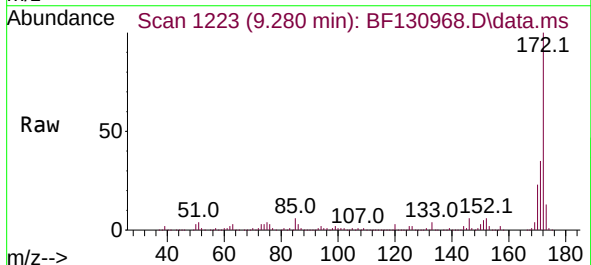
Instrument :
BNA_F
ClientSampleId :
TP-B

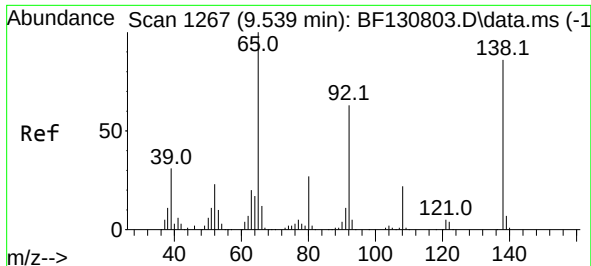
Tgt Ion:330 Resp: 151979
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 35.0 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 83.846 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:172 Resp: 918866
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.8 19.0 28.4





#48

2-Nitroaniline

Concen: 4.169 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP-B

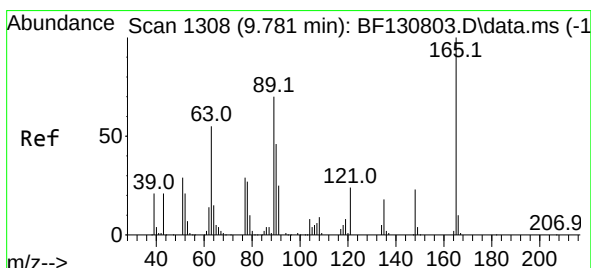
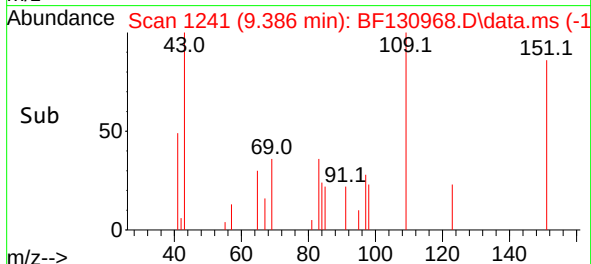
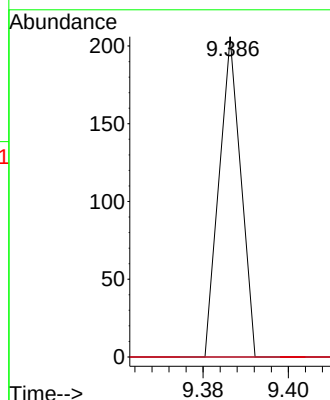
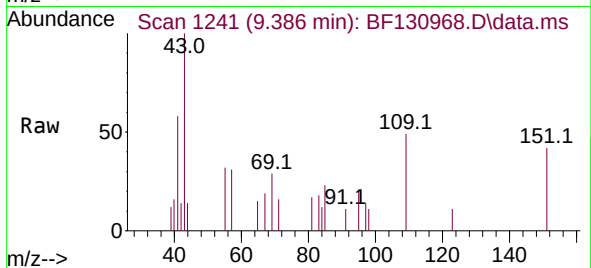
Tgt Ion: 65 Resp: 73

Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.219 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.212 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

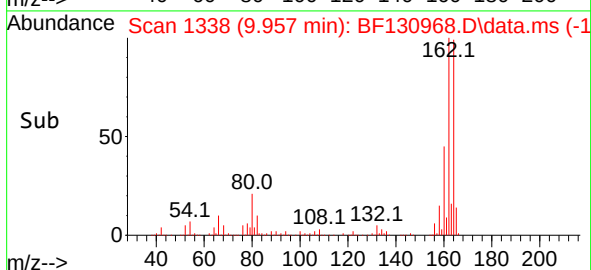
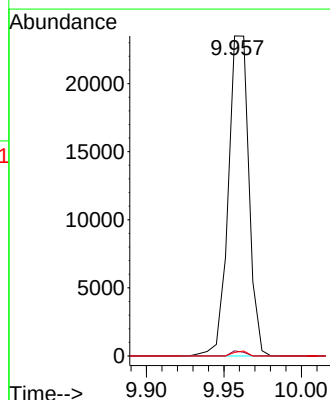
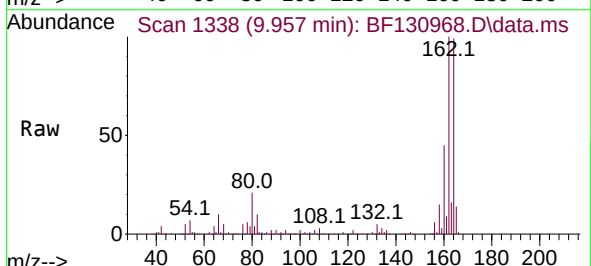
Tgt Ion: 165 Resp: 21659

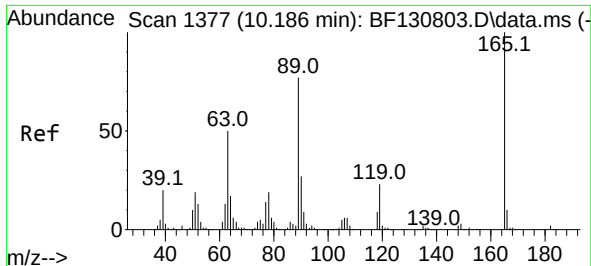
Ion Ratio Lower Upper

165 100

63 1.6 61.8 92.8#

89 1.1 56.2 84.4#

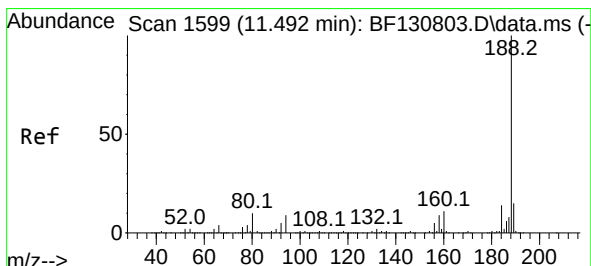
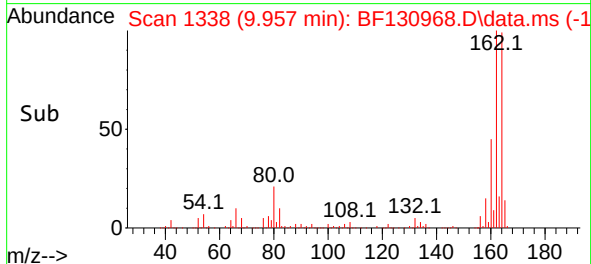
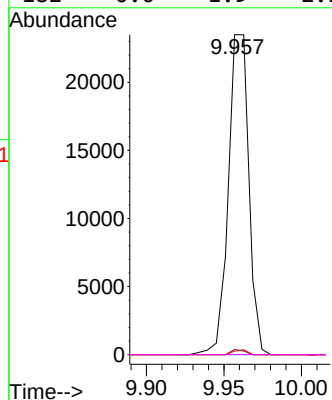
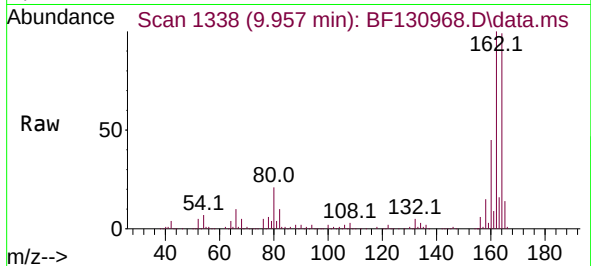




#57
2,4-Dinitrotoluene
Concen: 11.060 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

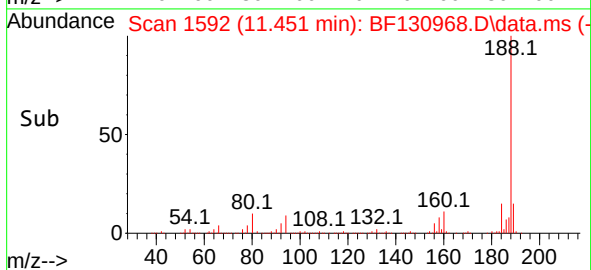
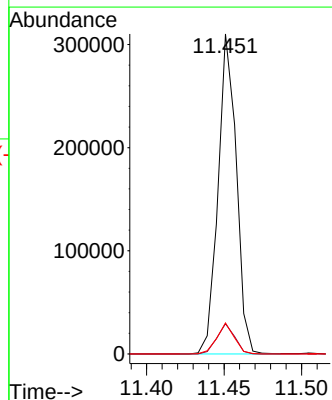
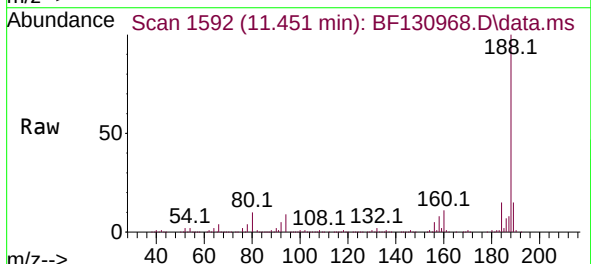
Instrument :
BNA_F
ClientSampleId :
TP-B

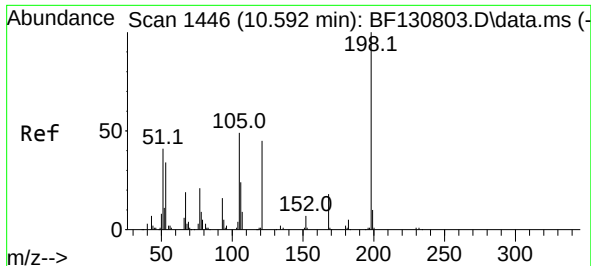
Tgt Ion:	165	Resp:	21659
Ion Ratio	Lower	Upper	
165	100		
63	1.6	39.8	59.6#
89	1.1	61.9	92.9#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:	188	Resp:	254422
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	9.7	8.0	12.0

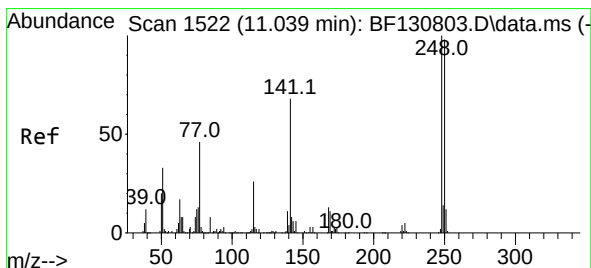
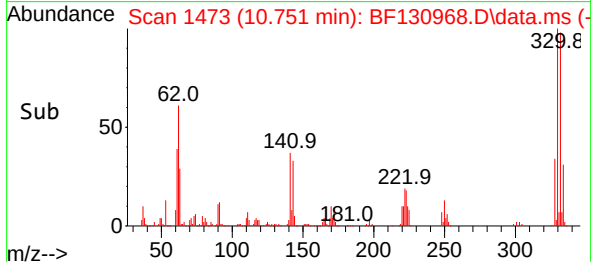
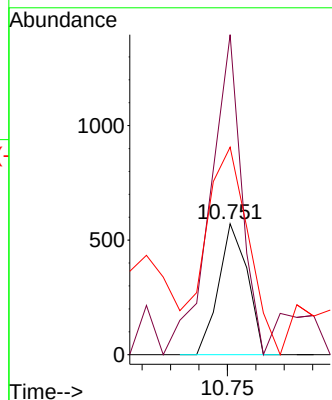
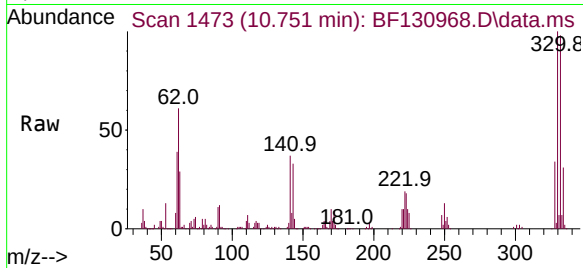




#65
4,6-Dinitro-2-methylphenol
Concen: 8.242 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

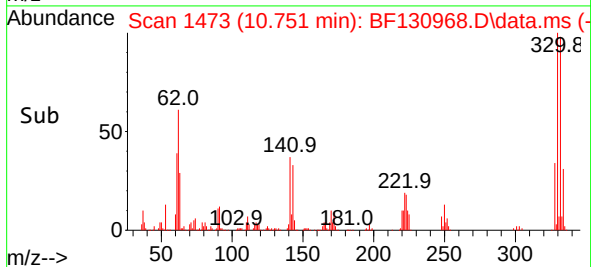
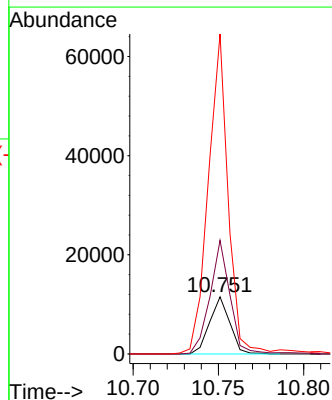
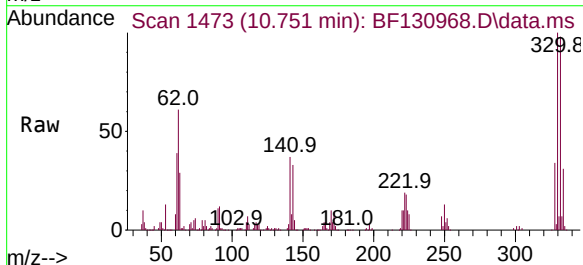
Instrument :
BNA_F
ClientSampleId :
TP-B

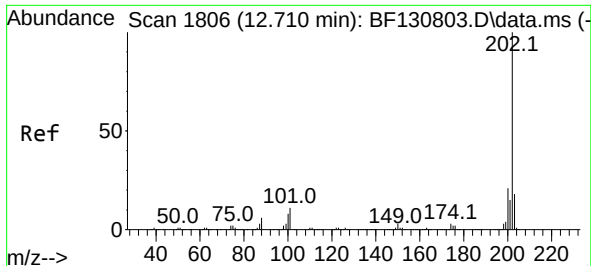
Tgt Ion:198 Resp: 400
Ion Ratio Lower Upper
198 100
51 244.7 39.0 79.0#
105 158.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.718 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:248 Resp: 9514
Ion Ratio Lower Upper
248 100
250 198.9 78.6 117.8#
141 560.2 54.2 81.4#

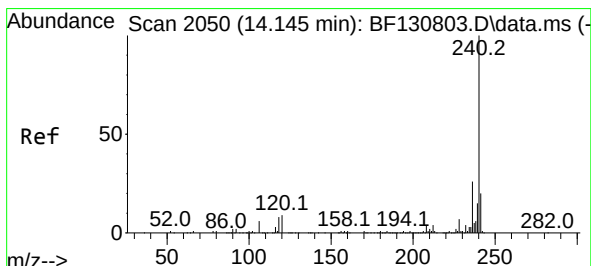
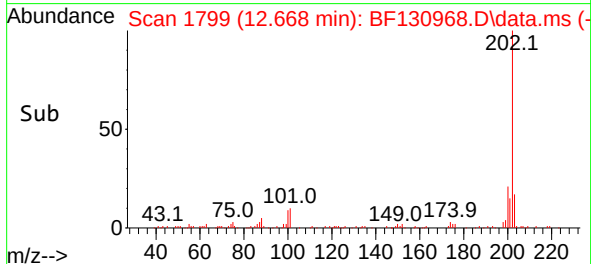
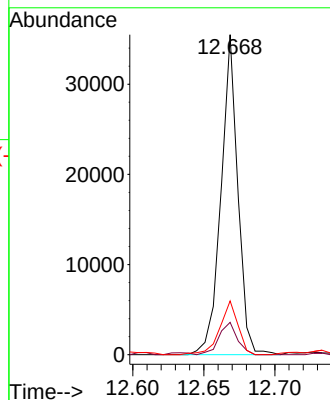
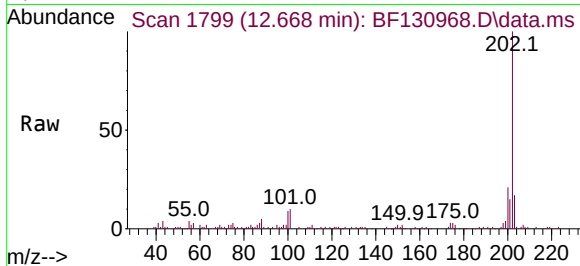




#75
Fluoranthene
Concen: 2.098 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

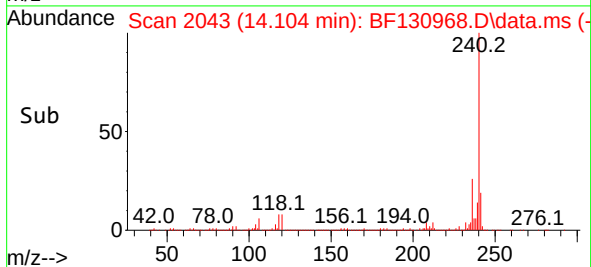
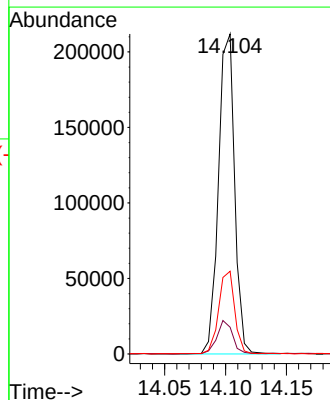
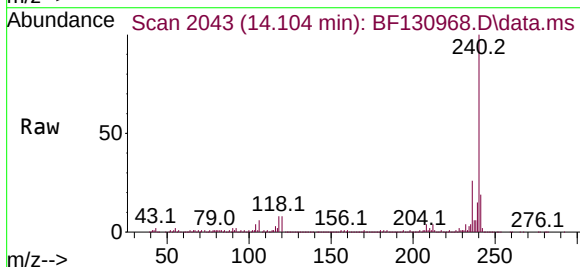
Instrument :
BNA_F
ClientSampleId :
TP-B

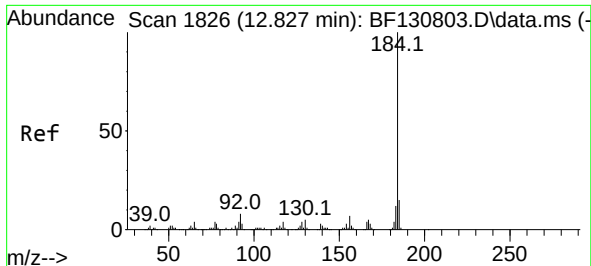
Tgt Ion:202 Resp: 29276
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.9
203 16.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:240 Resp: 195729
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 25.8 20.5 30.7

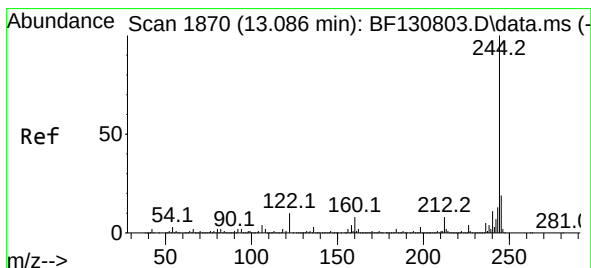
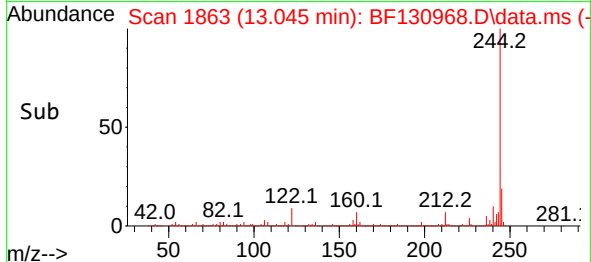
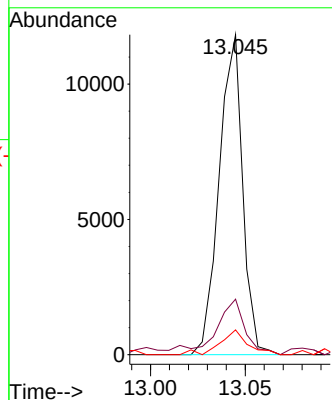
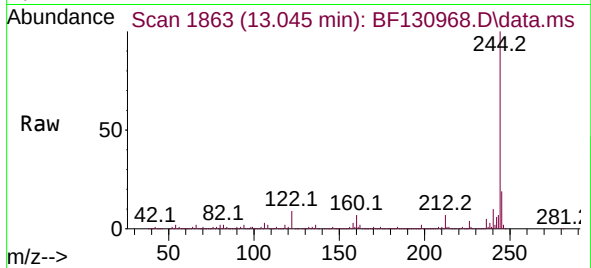




#77
Benzidine
Concen: 2.149 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.253 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

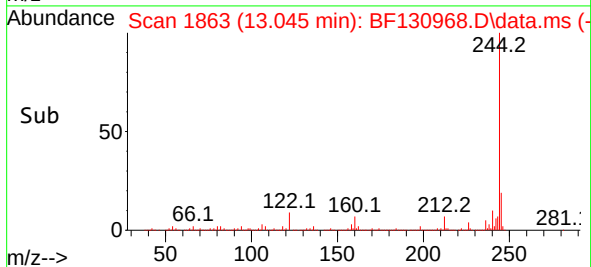
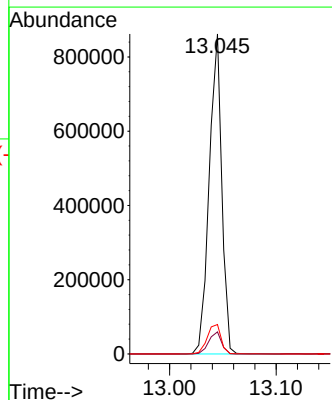
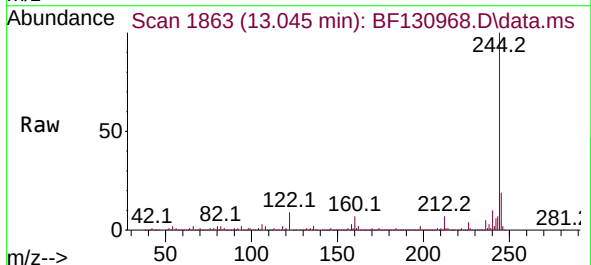
Instrument :
BNA_F
ClientSampleId :
TP-B

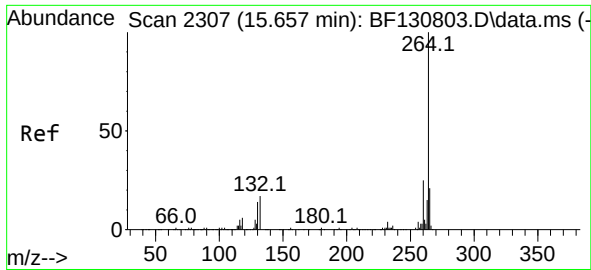
Tgt Ion:184 Resp: 10210
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.8
183 7.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 66.186 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:244 Resp: 706945
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 9.2 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt Ion:264 Resp: 207202

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.9	29.9
265	21.2	17.0	25.6

