

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130944.D
 Acq On : 02 Nov 2022 22:46
 Operator : CG\JU
 Sample : N5396-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Nov 03 03:48:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

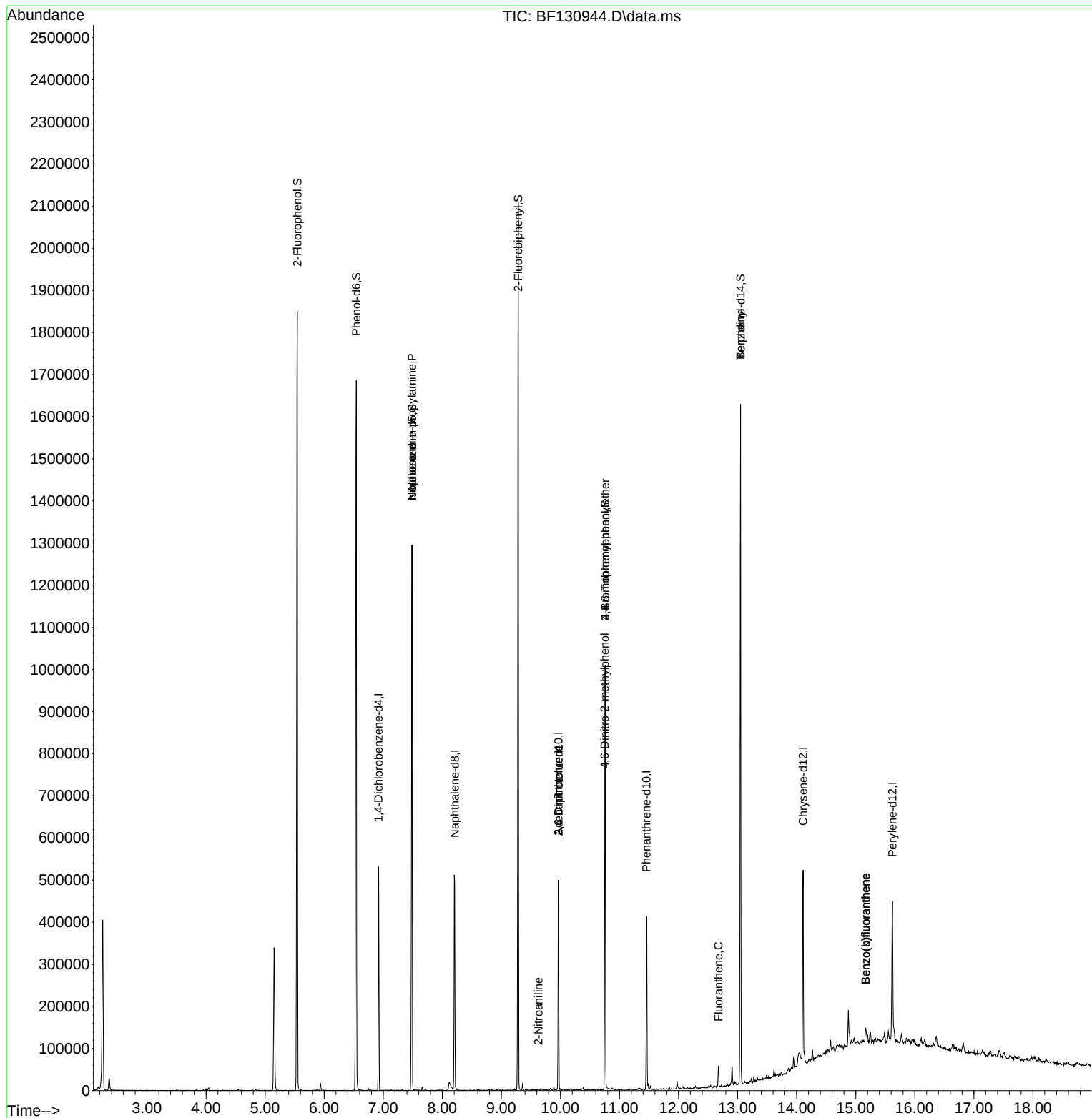
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	63130	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	216153	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	93328	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	141205	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	150221	20.000	ng	-0.01
86) Perylene-d12	15.621	264	149419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	460412	126.434	ng	0.00
7) Phenol-d6	6.545	99	552327	116.718	ng	0.00
23) Nitrobenzene-d5	7.487	82	373154	104.096	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	99592	126.766	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	576545	93.398	ng	0.00
79) Terphenyl-d14	13.051	244	505598	61.675	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	51836	16.100	ng	# 76
25) Isophorone	7.487	82	373152	50.480	ng	# 66
48) 2-Nitroaniline	9.628	65	54	4.176	ng	# 12
51) 2,6-Dinitrotoluene	9.969	165	12191	12.212	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	12191	11.054	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	279	8.323	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	6556	4.617	ng	# 1
75) Fluoranthene	12.674	202	17492	2.259	ng	99
77) Benzidine	13.051	184	8278	2.270	ng	# 92
88) Benzo(b)fluoranthene	15.168	252	21262	2.201	ng	# 89
89) Benzo(k)fluoranthene	15.168	252	21262	2.259	ng	# 90

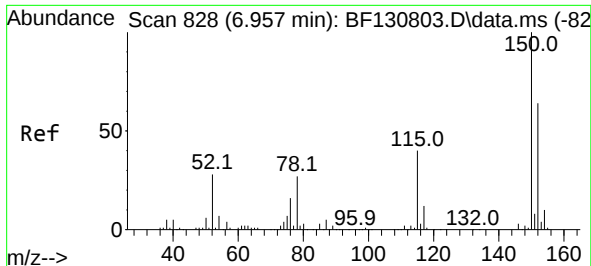
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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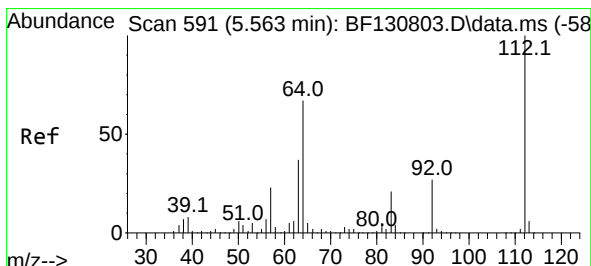
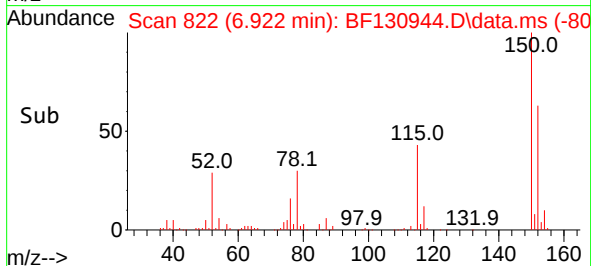
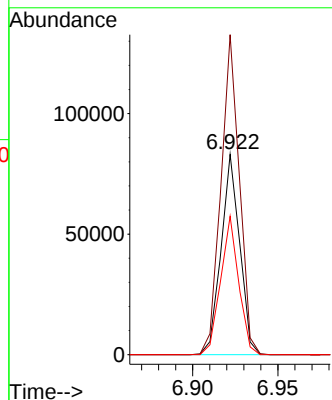
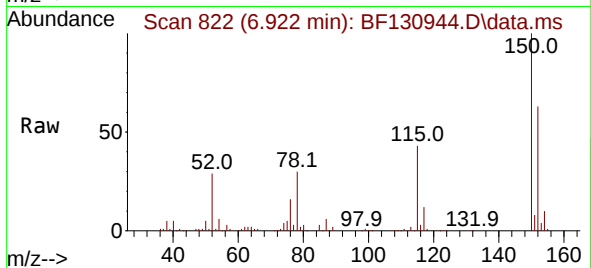




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

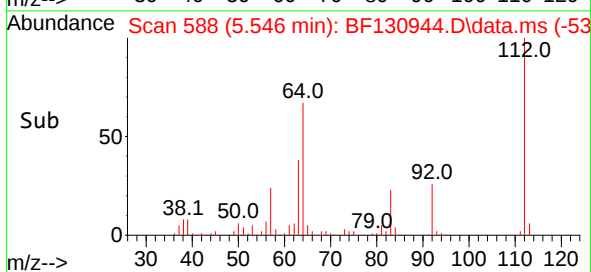
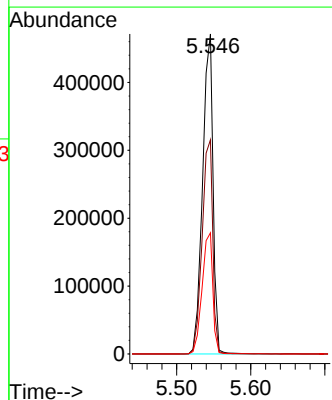
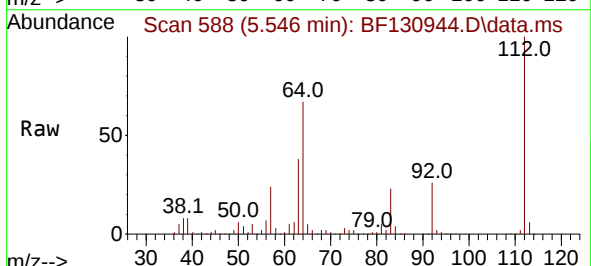
Instrument :
BNA_F
ClientSampleId :
TP-B

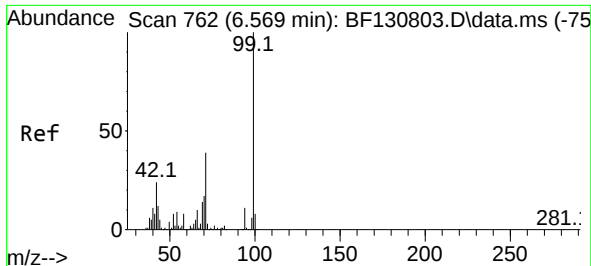
Tgt Ion:152 Resp: 63130
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 69.1 50.1 75.1



#5
2-Fluorophenol
Concen: 126.434 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:112 Resp: 460412
Ion Ratio Lower Upper
112 100
64 66.9 53.9 80.9
63 37.8 29.4 44.2

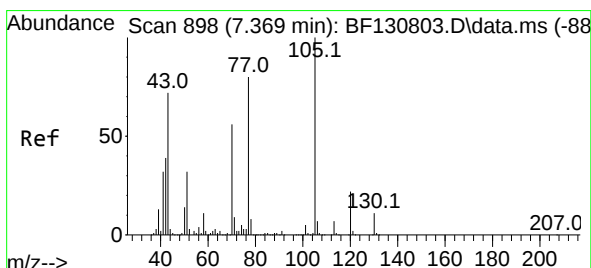
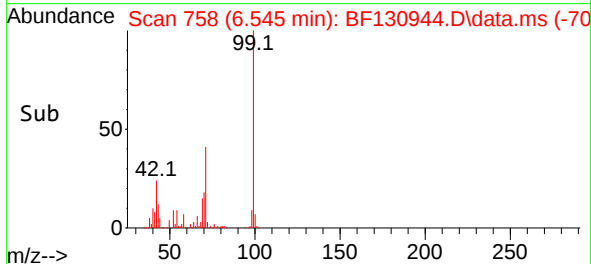
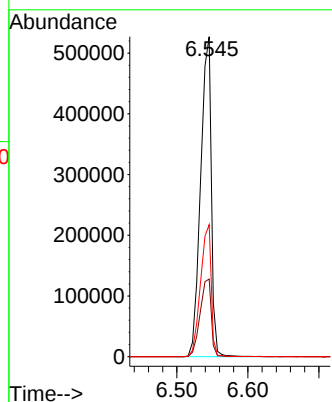
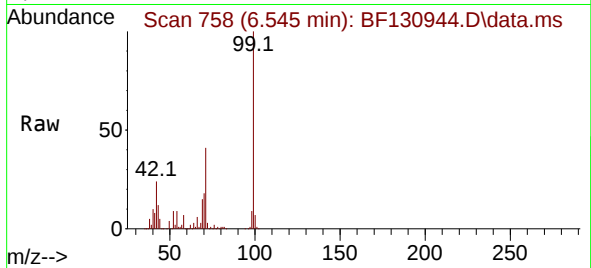




#7
Phenol-d6
Concen: 116.718 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

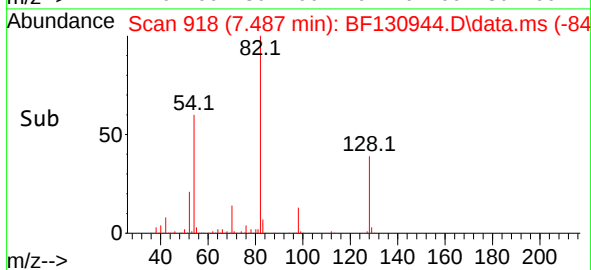
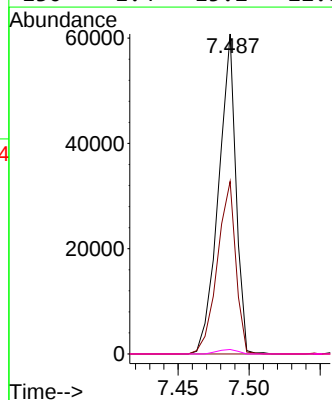
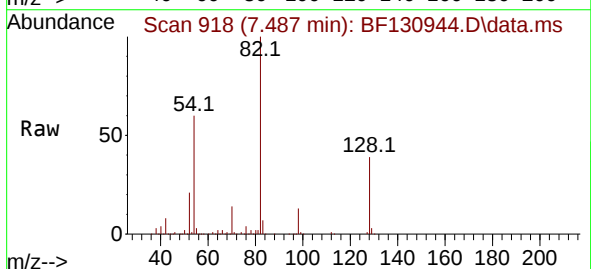
Instrument :
BNA_F
ClientSampleId :
TP-B

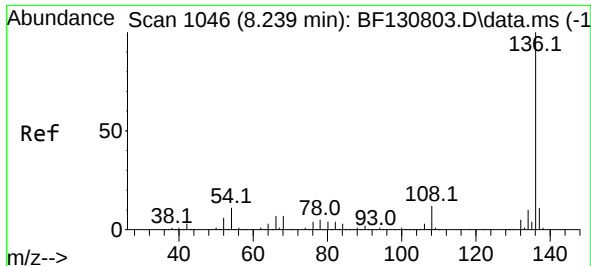
Tgt Ion: 99 Resp: 552327
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 41.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.100 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion: 70 Resp: 51836
Ion Ratio Lower Upper
70 100
42 53.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.4 15.2 22.8#

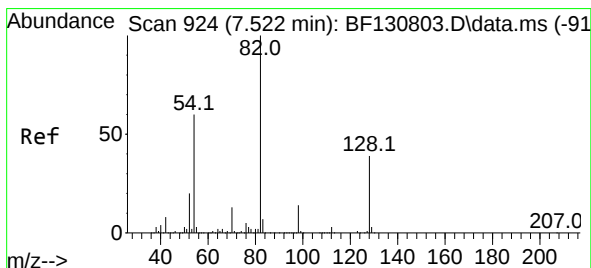
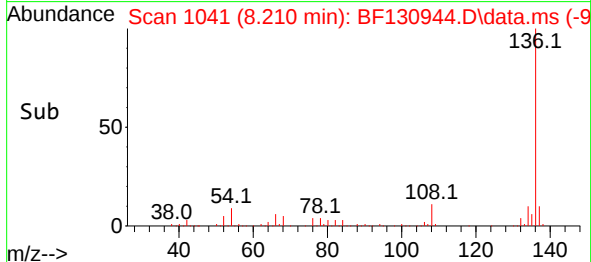
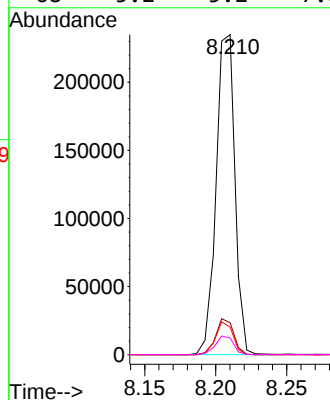
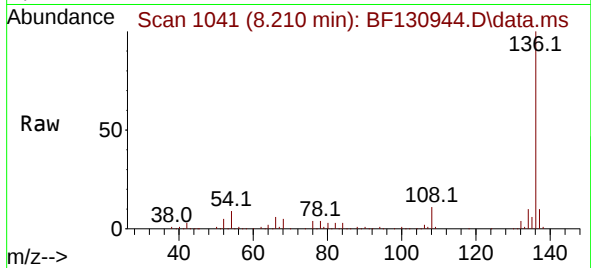




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

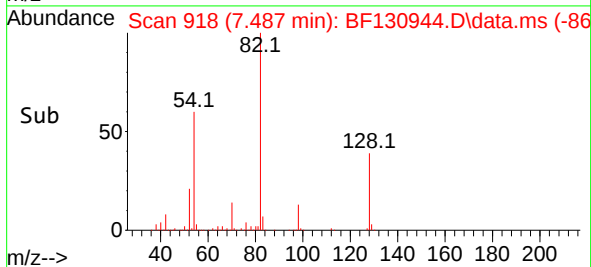
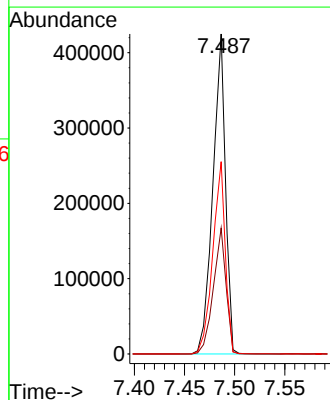
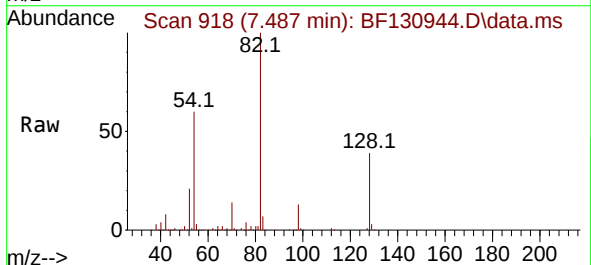
Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt	Ion:136	Resp:	216153
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	8.6	8.8	13.2#
68	5.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 104.096 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion: 82	Resp: 373154
Ion Ratio	Lower Upper
82 100	
128 39.3	31.2 46.8
54 60.1	48.0 72.0

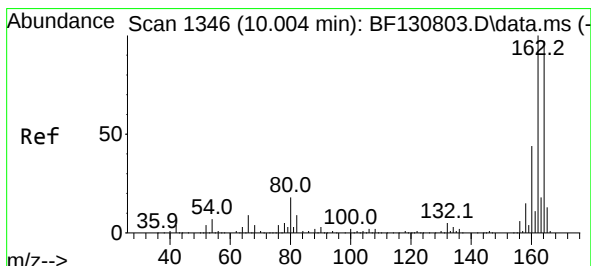
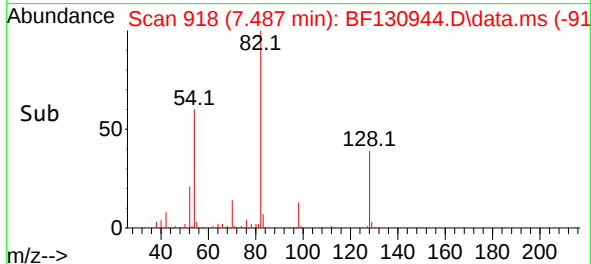
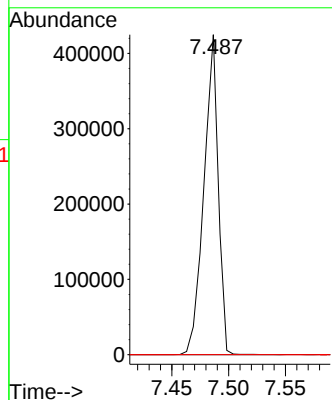
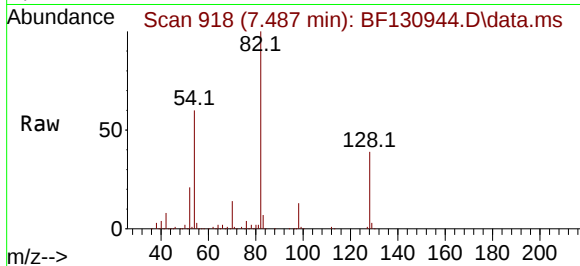




#25
Isophorone
Concen: 50.480 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

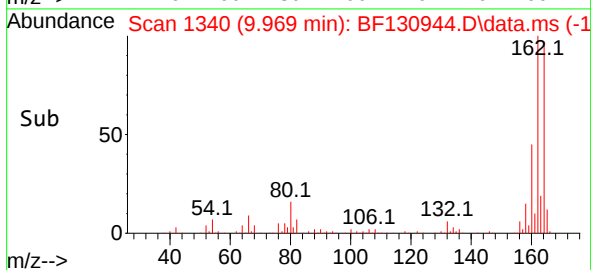
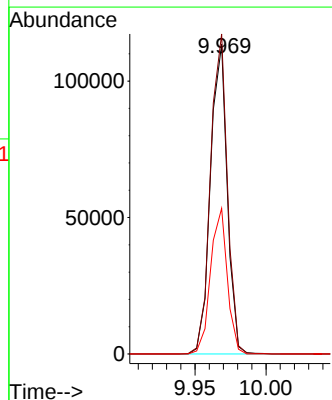
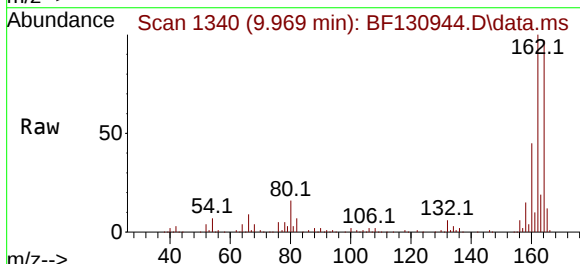
Instrument :
BNA_F
ClientSampleId :
TP-B

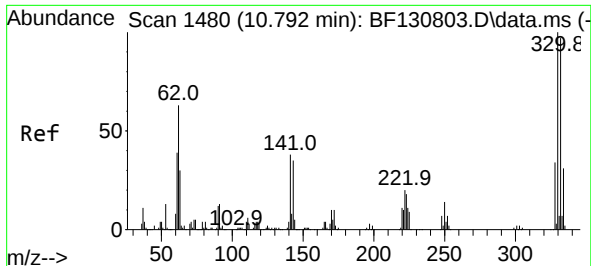
Tgt Ion: 82 Resp: 373152
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:164 Resp: 93328
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 47.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.766 ng

RT: 10.757 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF130944.D

Acq: 02 Nov 2022 22:46

Instrument :

BNA_F

ClientSampleId :

TP-B

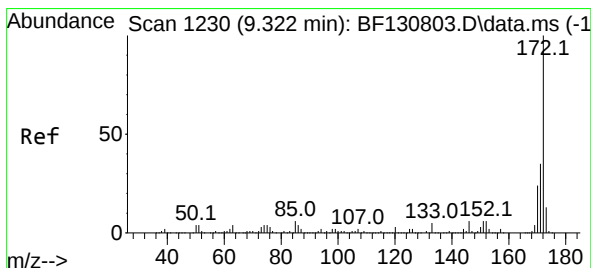
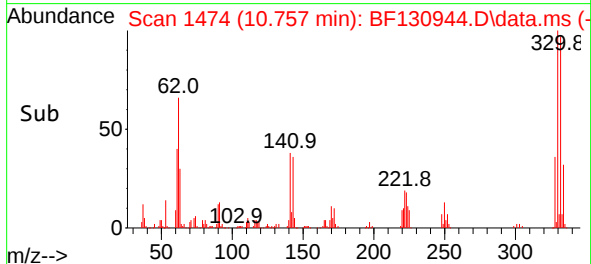
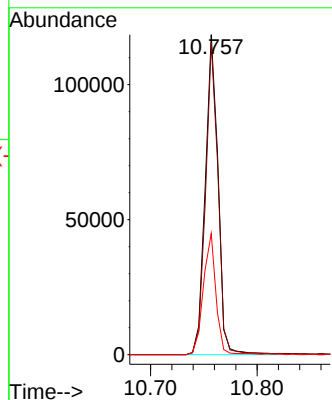
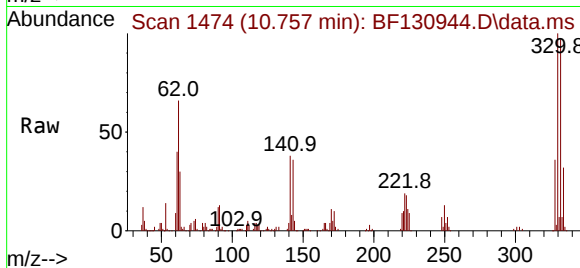
Tgt Ion:330 Resp: 99592

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 37.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 93.398 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130944.D

Acq: 02 Nov 2022 22:46

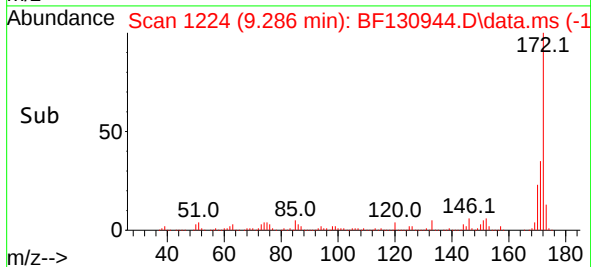
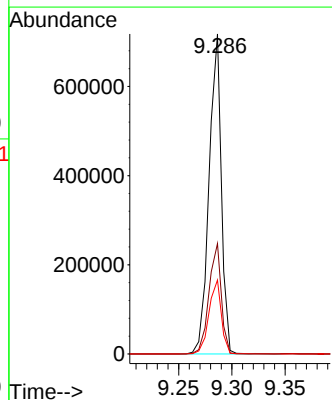
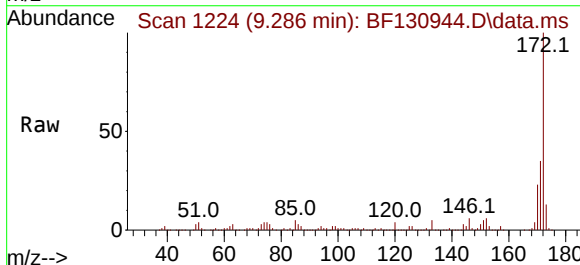
Tgt Ion:172 Resp: 576545

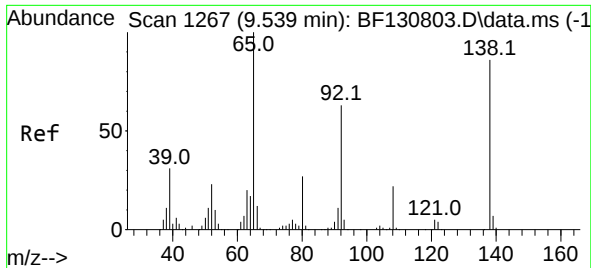
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.1 19.0 28.4

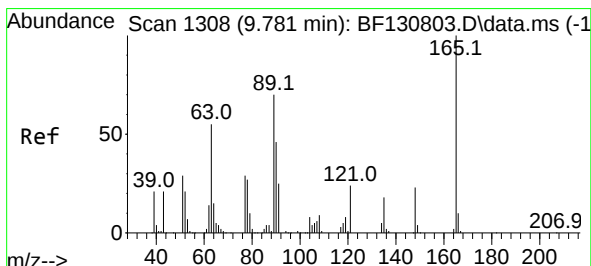
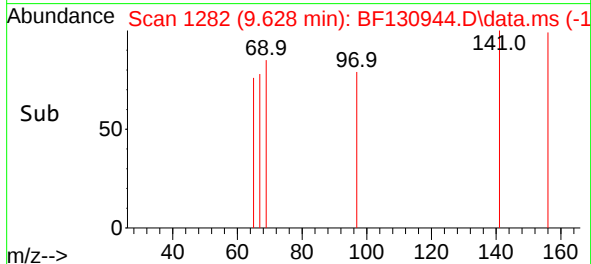
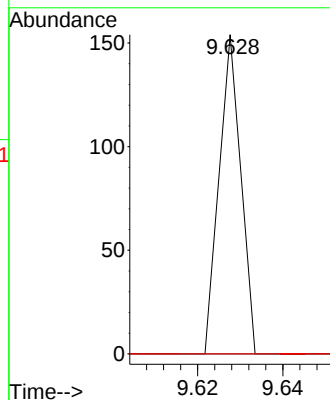
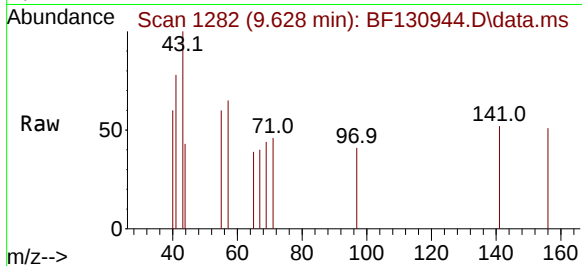




#48
2-Nitroaniline
Concen: 4.176 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

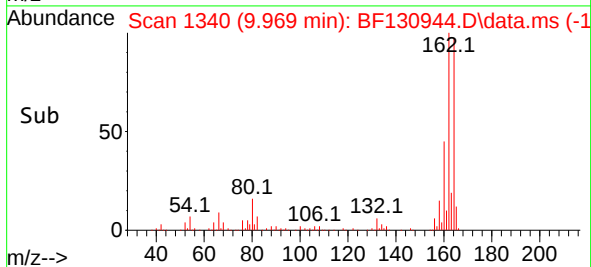
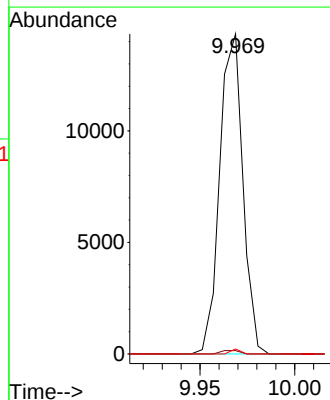
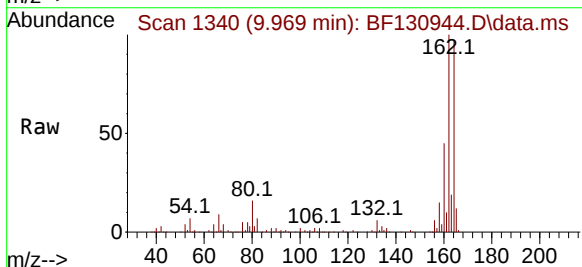
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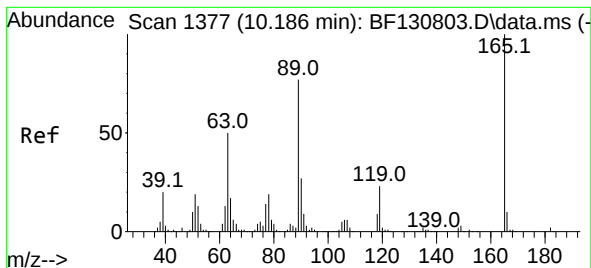
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.212 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion: 165 Resp: 12191
Ion Ratio Lower Upper
165 100
63 1.0 61.8 92.8#
89 1.5 56.2 84.4#

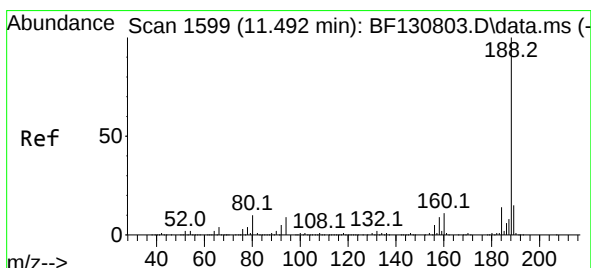
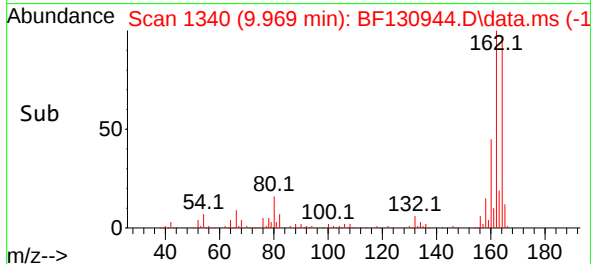
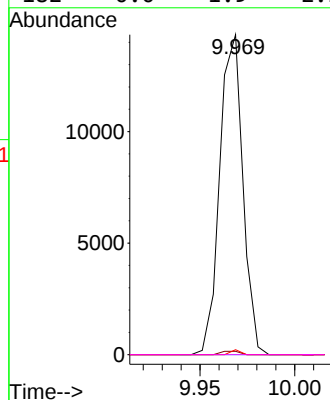
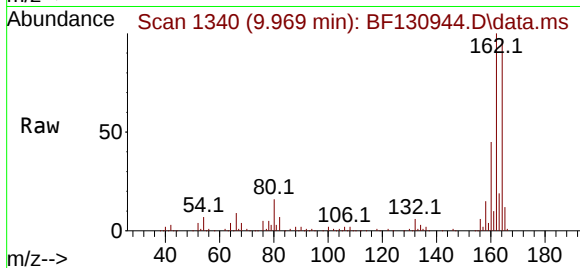




#57
2,4-Dinitrotoluene
Concen: 11.054 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

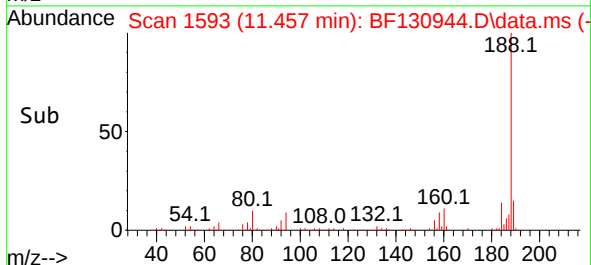
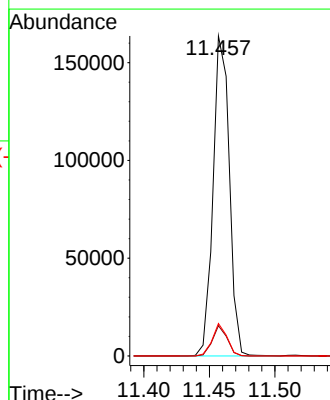
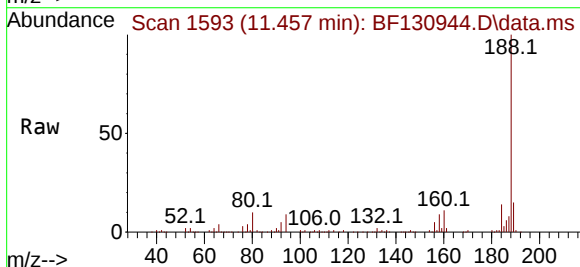
Instrument :
BNA_F
ClientSampleId :
TP-B

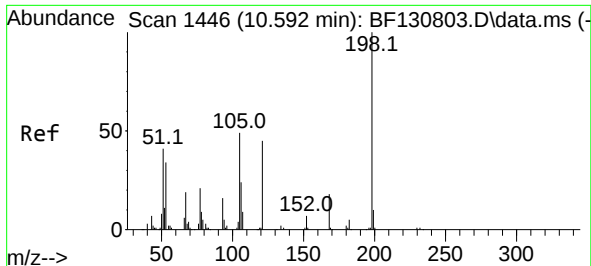
Tgt Ion:165 Resp: 12191
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:188 Resp: 141205
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.1 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.323 ng

RT: 10.751 min Scan# 1446

Delta R.T. 0.182 min

Lab File: BF130944.D

Acq: 02 Nov 2022 22:46

Instrument :

BNA_F

ClientSampleId :

TP-B

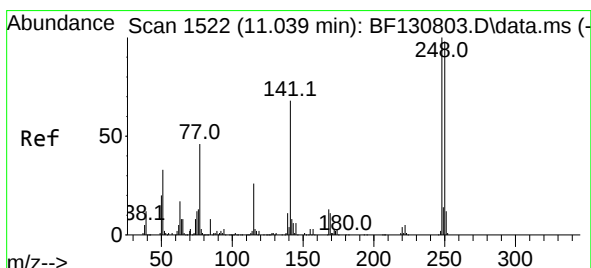
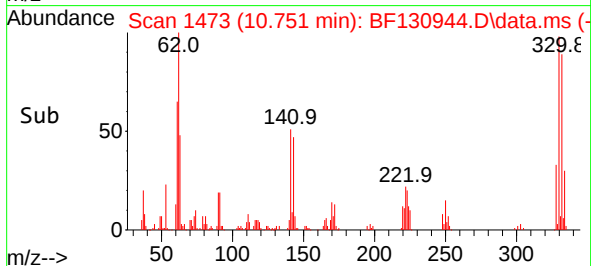
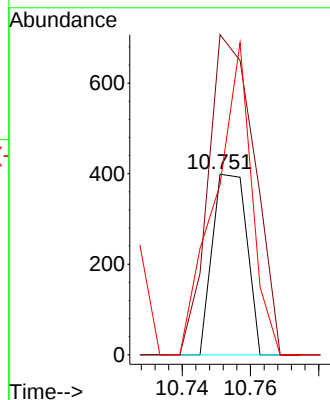
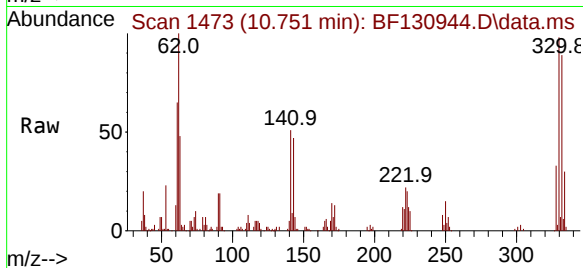
Tgt Ion:198 Resp: 279

Ion Ratio Lower Upper

198 100

51 177.2 39.0 79.0#

105 94.2 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 4.617 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.253 min

Lab File: BF130944.D

Acq: 02 Nov 2022 22:46

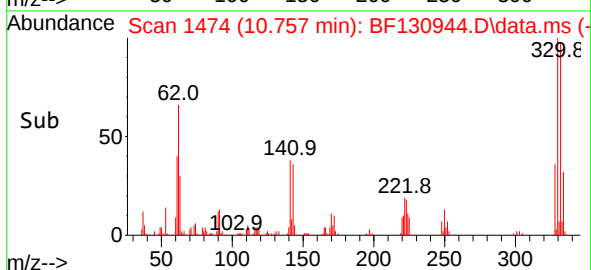
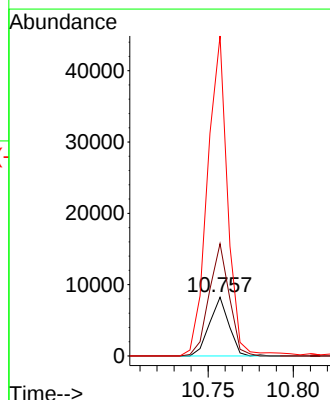
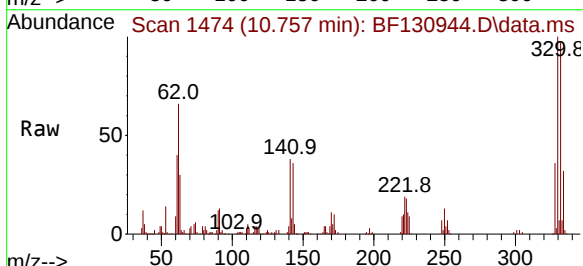
Tgt Ion:248 Resp: 6556

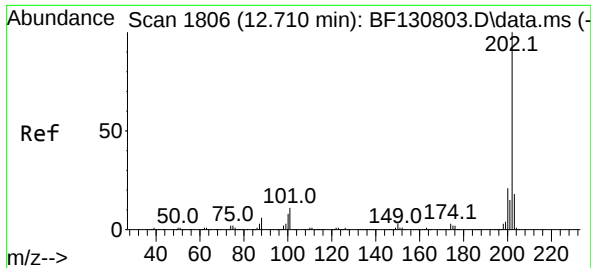
Ion Ratio Lower Upper

248 100

250 191.1 78.6 117.8#

141 544.7 54.2 81.4#

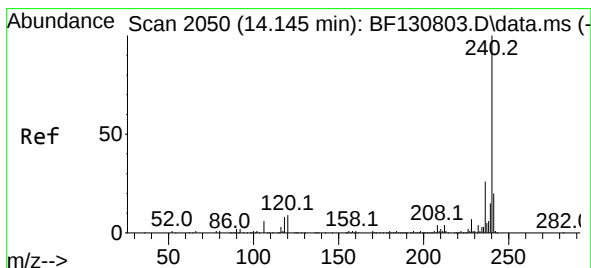
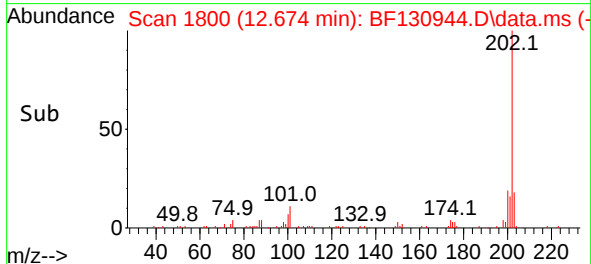
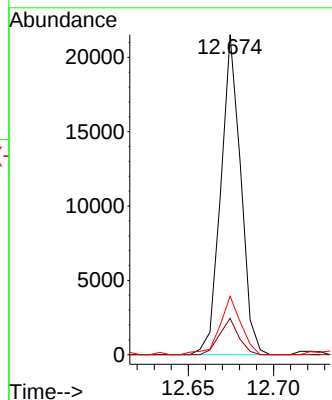
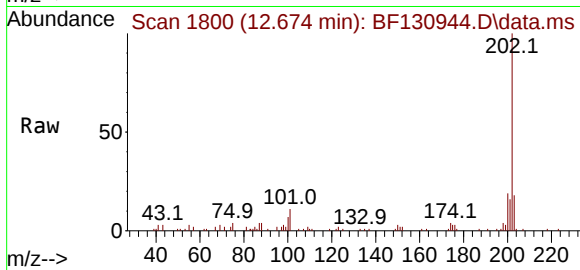




#75
Fluoranthene
Concen: 2.259 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

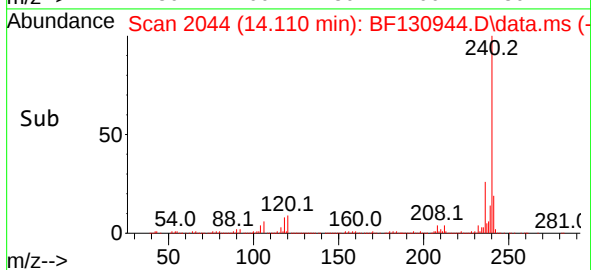
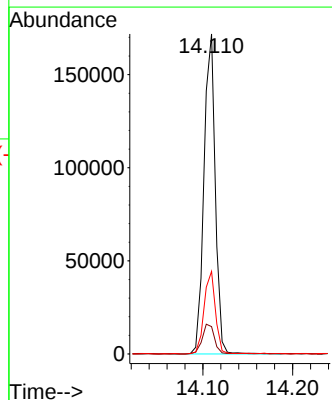
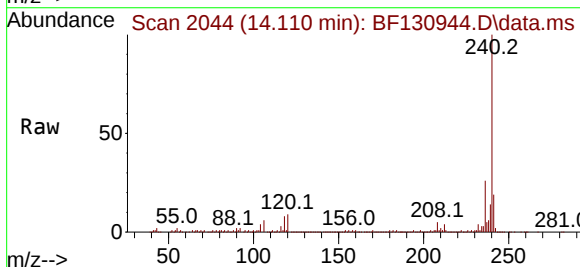
Instrument :
BNA_F
ClientSampleId :
TP-B

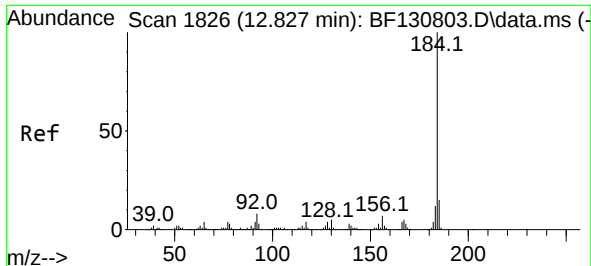
Tgt Ion:	202	Resp:	17492
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.9
203	18.3	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:	240	Resp:	150221
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.0	10.4
236	25.8	20.5	30.7

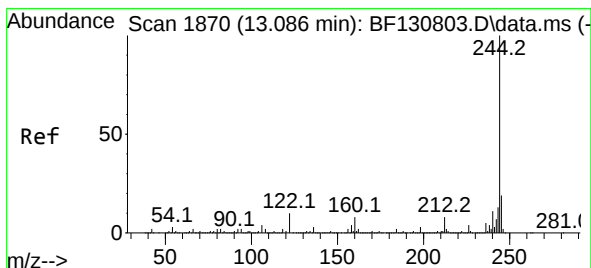
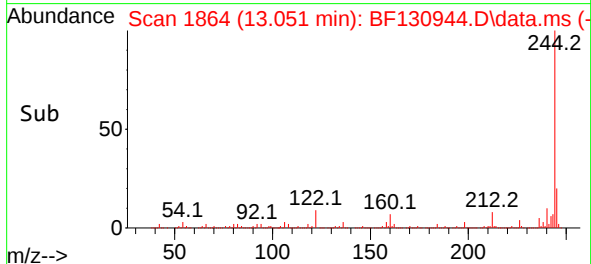
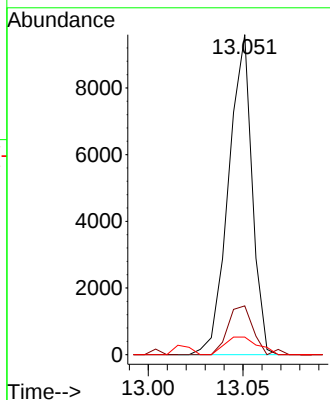
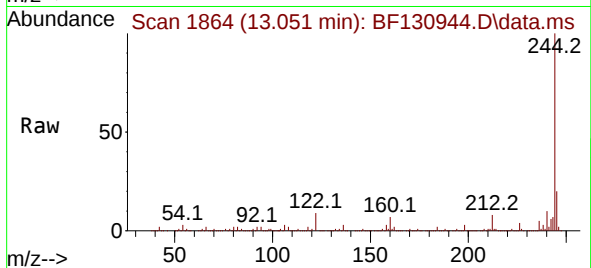




#77
Benzidine
Concen: 2.270 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.247 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

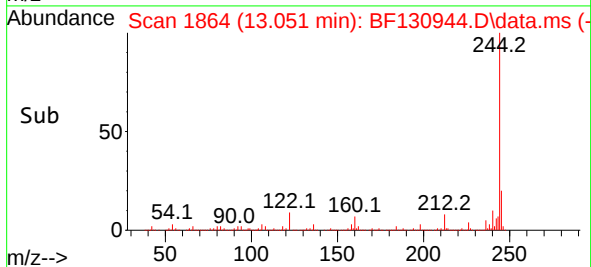
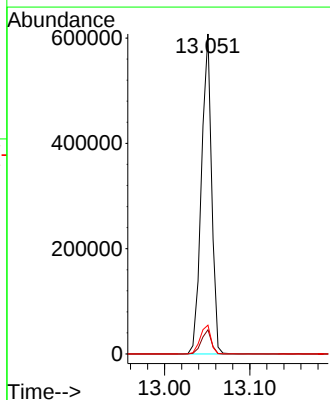
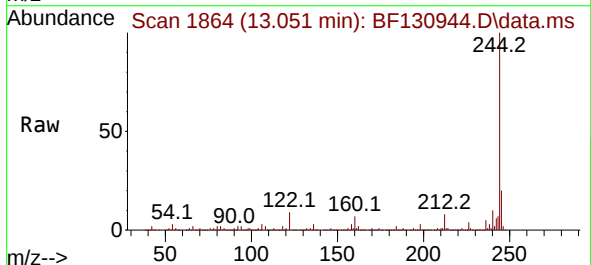
Instrument :
BNA_F
ClientSampleId :
TP-B

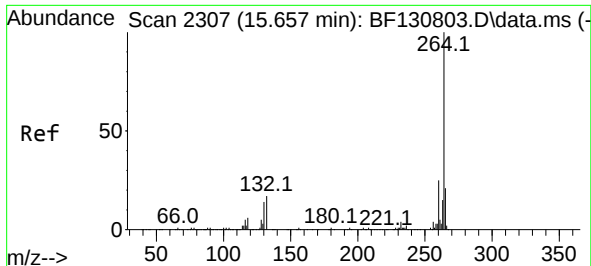
Tgt Ion:184 Resp: 8278
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 5.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 61.675 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:244 Resp: 505598
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.0 7.9 11.9

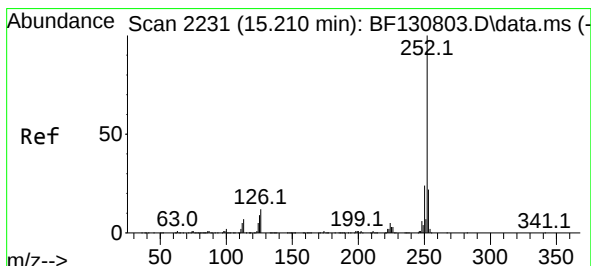
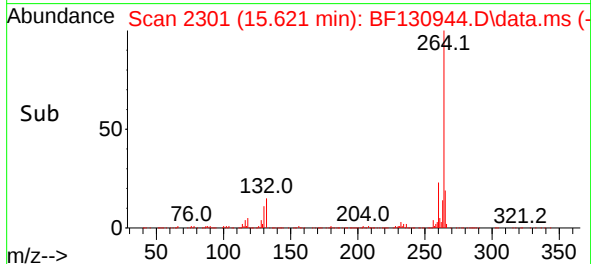
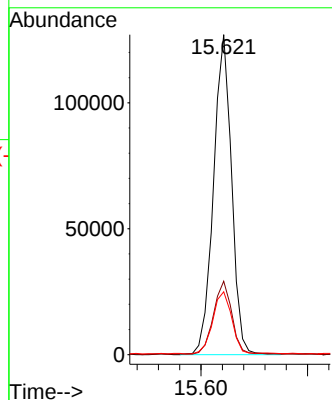
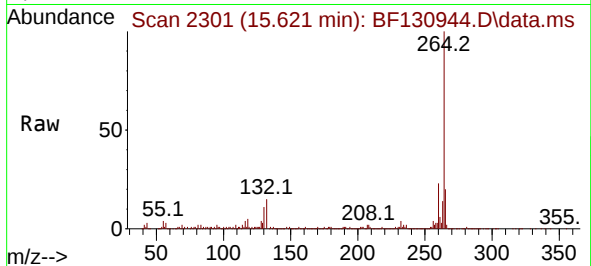




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

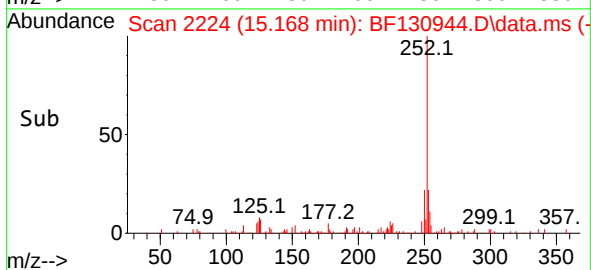
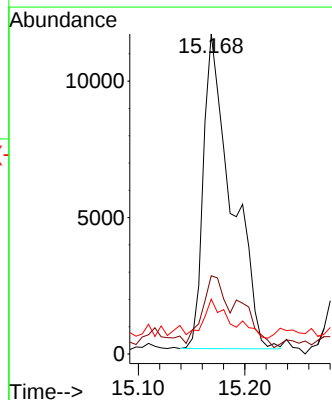
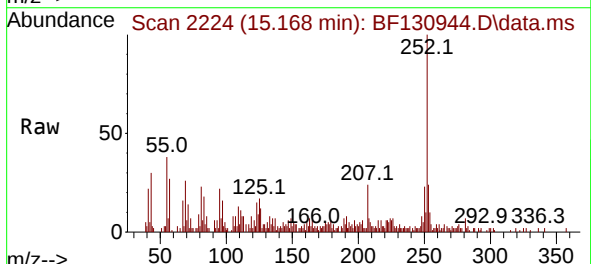
Instrument :
BNA_F
ClientSampleId :
TP-B

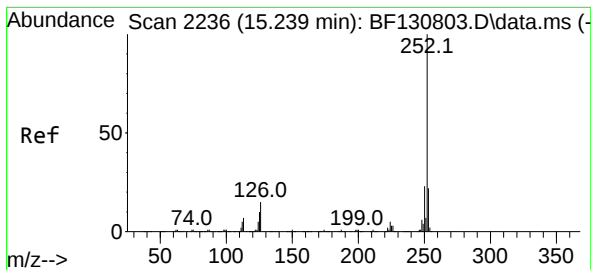
Tgt Ion:264 Resp: 149419
Ion Ratio Lower Upper
264 100
260 22.9 19.9 29.9
265 19.6 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.201 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.012 min
Lab File: BF130944.D
Acq: 02 Nov 2022 22:46

Tgt Ion:252 Resp: 21262
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 17.2 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 2.259 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF130944.D

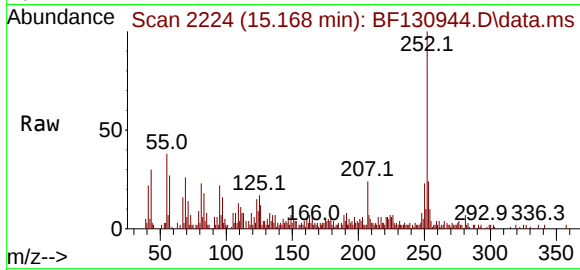
Acq: 02 Nov 2022 22:46

Instrument :

BNA_F

ClientSampleId :

TP-B



Tgt Ion:252 Resp: 21262

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 17.2 8.0 12.0#

