

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130959.D
 Acq On : 03 Nov 2022 12:54
 Operator : CG\JU
 Sample : N5395-11RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122

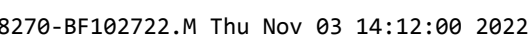
Quant Time: Nov 03 14:11:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

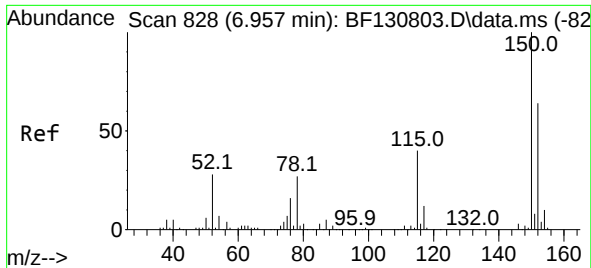
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	60091	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	220242	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	100983	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	149780	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	125511	20.000	ng	-0.01
86) Perylene-d12	15.621	264	138233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	499846	144.204	ng	0.00
7) Phenol-d6	6.545	99	627813	139.379	ng	0.00
23) Nitrobenzene-d5	7.486	82	417306	114.252	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	122825	144.488	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	581145	87.007	ng	0.00
79) Terphenyl-d14	13.051	244	420042	61.326	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	7.316	107	12242	3.709	ng	# 70
19) n-Nitroso-di-n-propyla...	7.486	70	58571	19.111	ng	# 78
20) 3+4-Methylphenols	7.316	107	12242	2.853	ng	86
25) Isophorone	7.486	82	417301	55.404	ng	# 66
32) Benzoic acid	7.916	122	54	7.700	ng	# 1
48) 2-Nitroaniline	9.498	65	325	4.307	ng	# 12
51) 2,6-Dinitrotoluene	9.969	165	13385	12.350	ng	# 15
57) 2,4-Dinitrotoluene	10.139	165	542	4.008	ng	# 78
65) 4,6-Dinitro-2-methylph...	10.757	198	283	8.306	ng	# 1
71) Phenanthrene	11.480	178	18549	2.399	ng	96
72) Anthracene	11.480	178	18549	2.433	ng	96
75) Fluoranthene	12.674	202	37628	4.581	ng	97
77) Benzidine	13.045	184	6495	2.132	ng	# 91
78) Pyrene	12.904	202	33636	3.176	ng	99
81) Benzo(a)anthracene	14.133	228	20398	2.451	ng	96
83) Chrysene	14.133	228	20398	2.541	ng	100
88) Benzo(b)fluoranthene	15.168	252	39677	4.440	ng	# 96
89) Benzo(k)fluoranthene	15.168	252	39677	4.557	ng	# 97
90) Benzo(a)pyrene	15.551	252	20448	2.847	ng	# 88

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

Quant Time: Nov 03 14:11:52 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

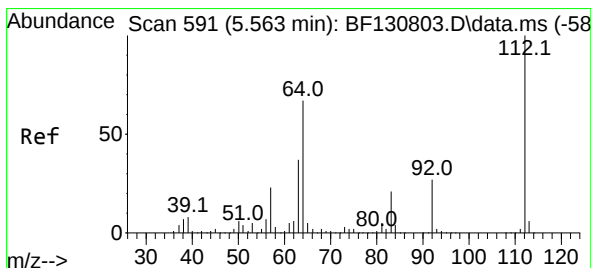
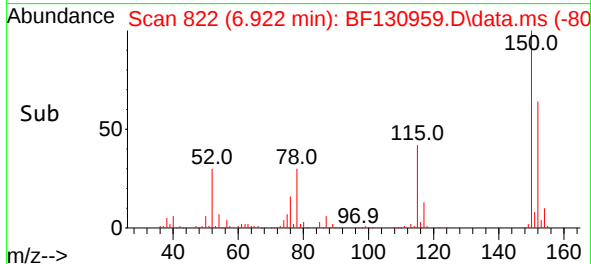
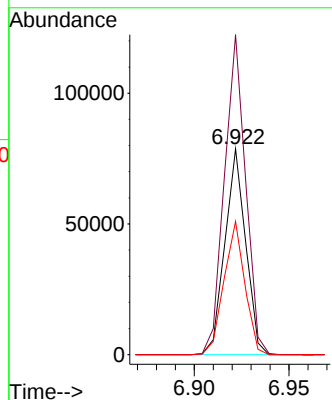
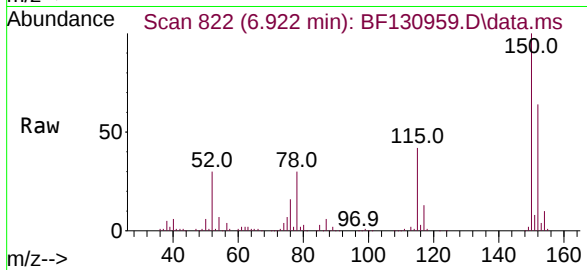




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

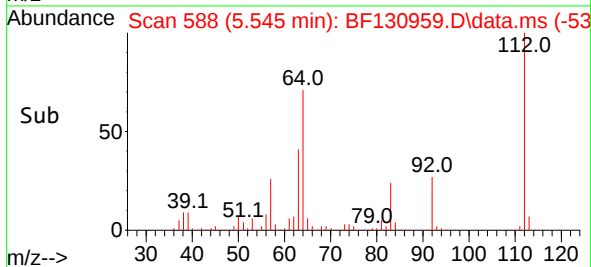
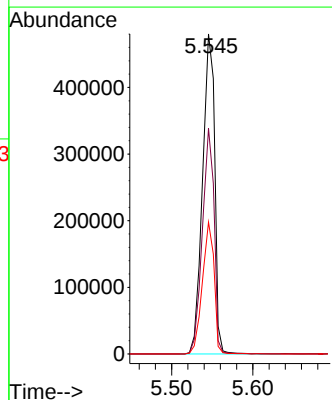
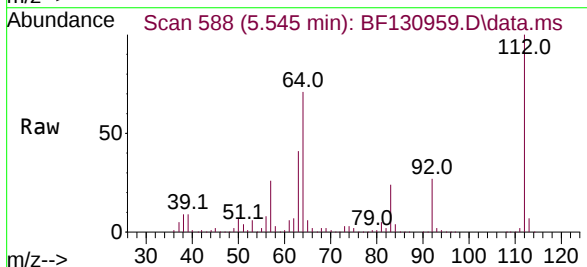
Instrument :
BNA_F
ClientSampleId :
S-8-103122

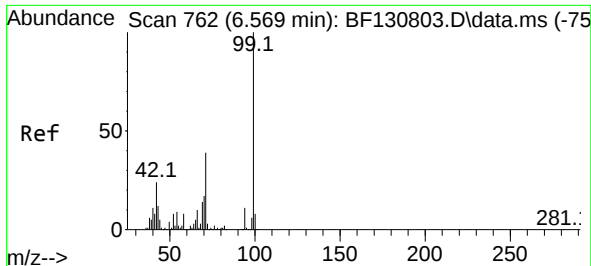
Tgt Ion:152 Resp: 60091
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 64.7 50.1 75.1



#5
2-Fluorophenol
Concen: 144.204 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:112 Resp: 499846
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 41.2 29.4 44.2

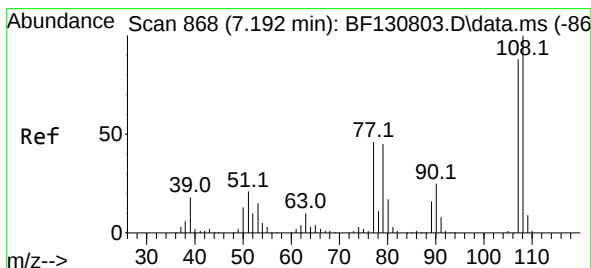
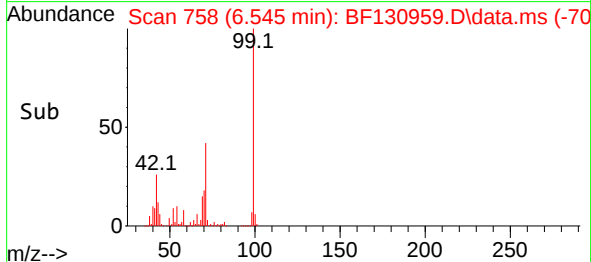
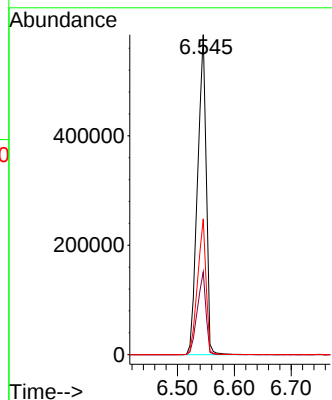
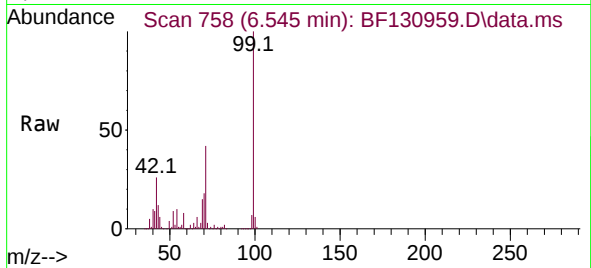




#7
Phenol-d6
Concen: 139.379 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

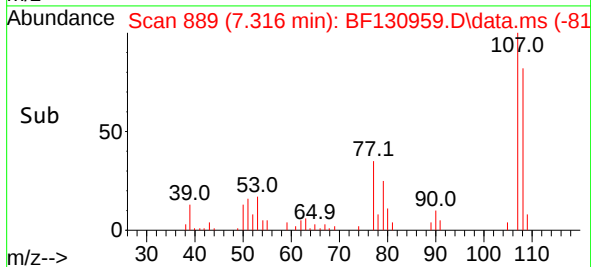
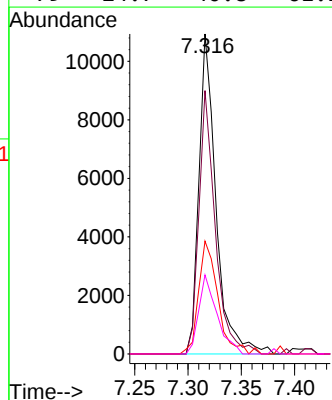
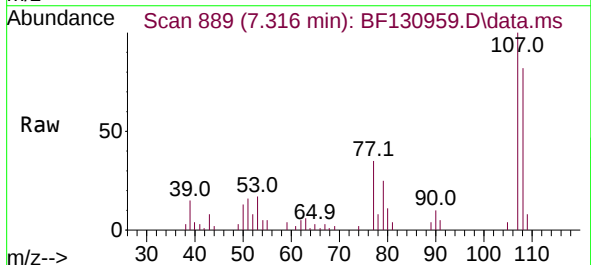
Instrument :
BNA_F
ClientSampleId :
S-8-103122

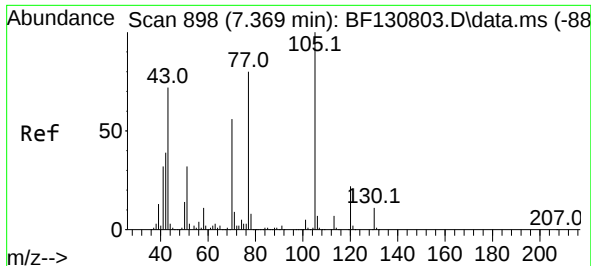
Tgt Ion: 99 Resp: 627813
Ion Ratio Lower Upper
99 100
42 25.9 18.8 28.2
71 42.5 31.4 47.0



#17
2-Methylphenol
Concen: 3.709 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 107 Resp: 12242
Ion Ratio Lower Upper
107 100
108 82.3 90.5 135.7#
77 35.3 41.2 61.8#
79 24.7 40.8 61.2#

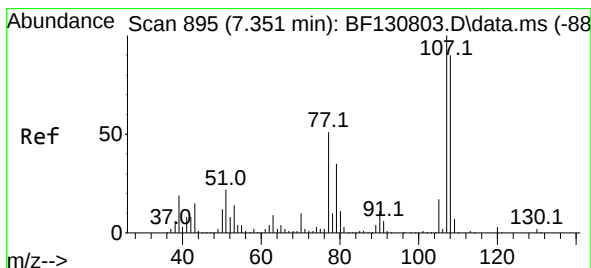
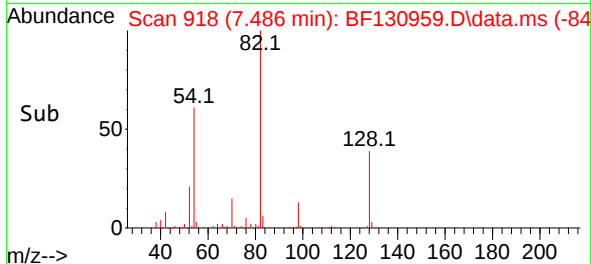
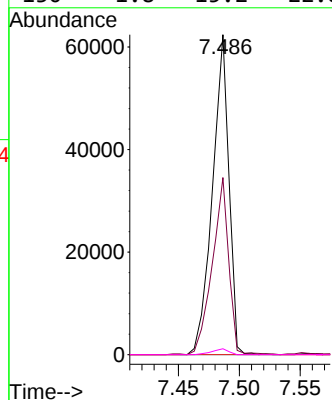
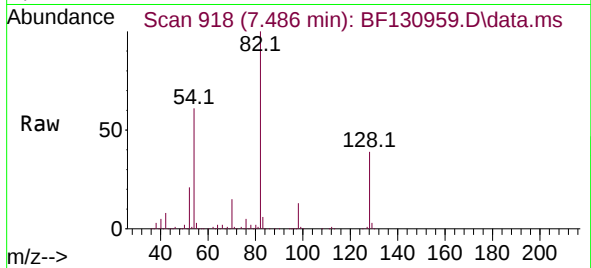




#19
n-Nitroso-di-n-propylamine
Concen: 19.111 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

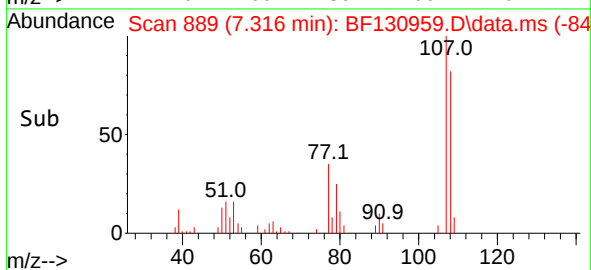
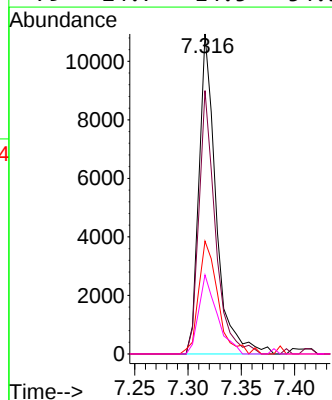
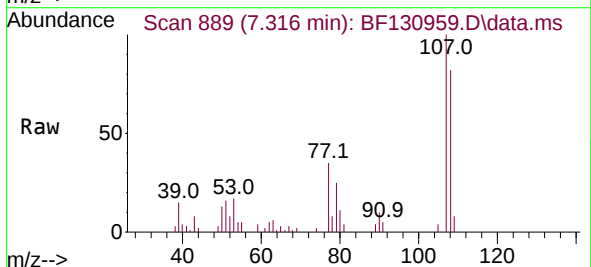
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ClientSampleId :
S-8-103122

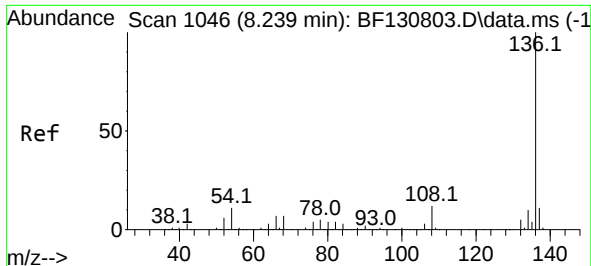
Tgt Ion: 70 Resp: 58571
Ion Ratio Lower Upper
70 100
42 55.4 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



#20
3+4-Methylphenols
Concen: 2.853 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 107 Resp: 12242
Ion Ratio Lower Upper
107 100
108 82.3 70.4 110.4
77 35.3 31.1 71.1
79 24.7 14.5 54.5

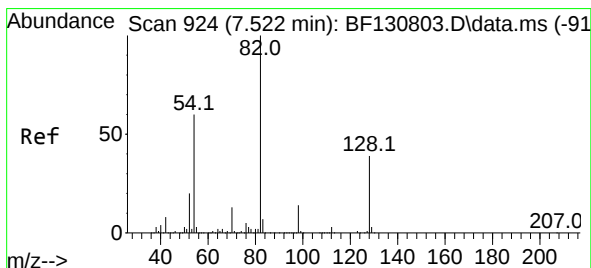
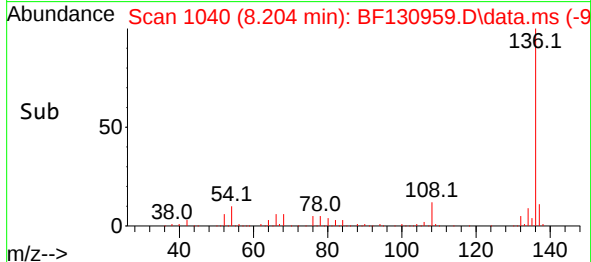
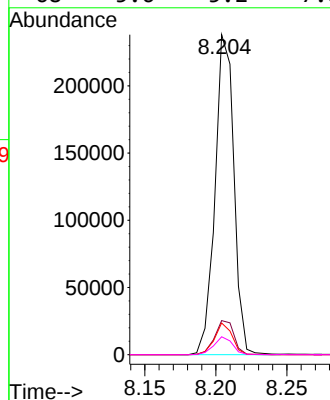
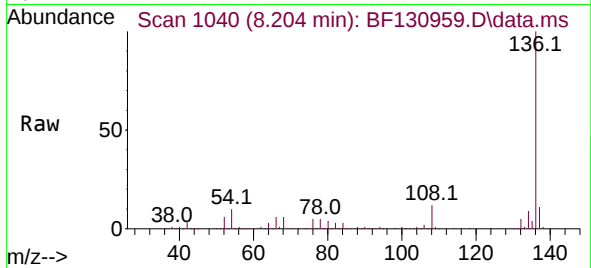




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

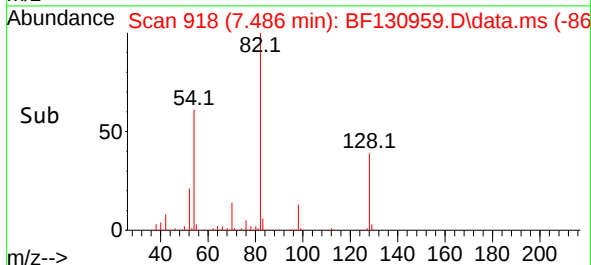
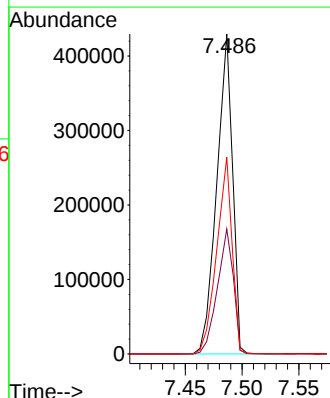
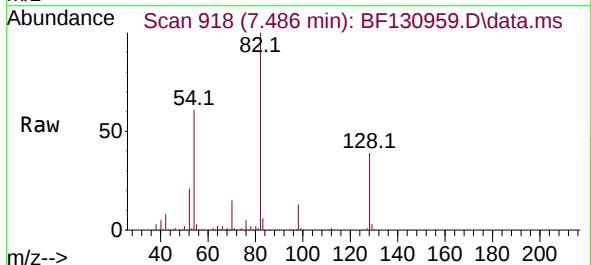
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ClientSampleId :
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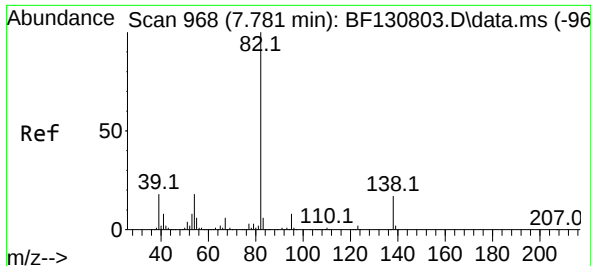
Tgt Ion:136	Resp: 220242
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 9.9	8.8 13.2
68 5.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 114.252 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 82	Resp: 417306
Ion Ratio	Lower Upper
82 100	
128 39.1	31.2 46.8
54 61.5	48.0 72.0

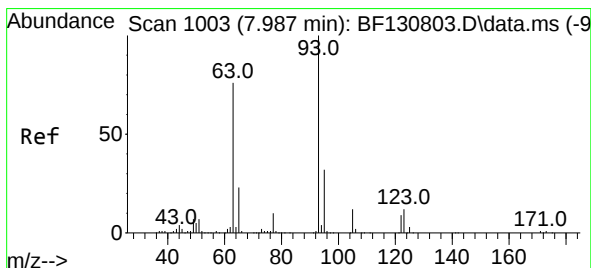
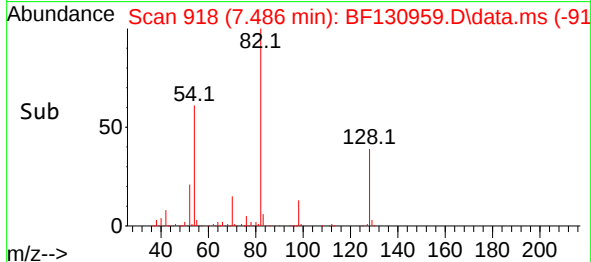
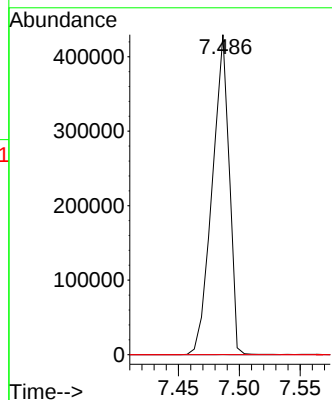
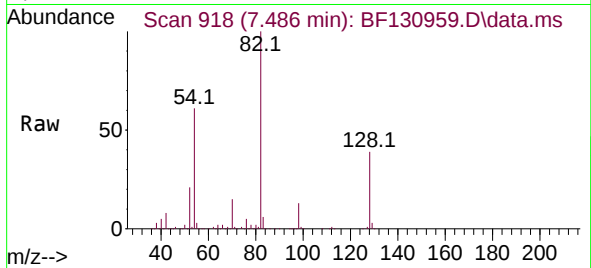




#25
Isophorone
Concen: 55.404 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

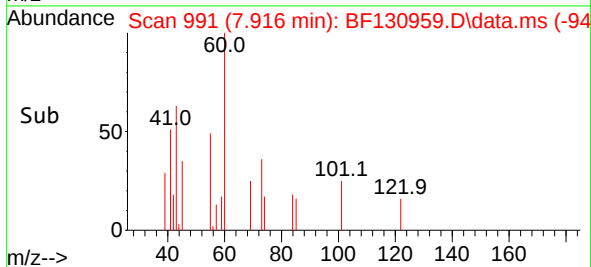
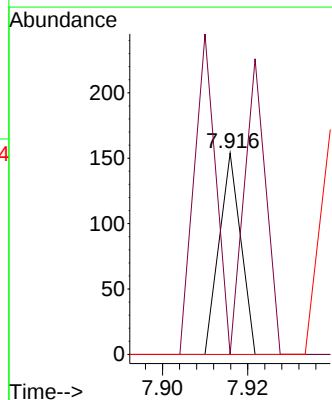
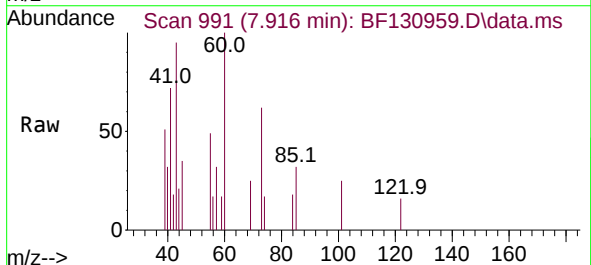
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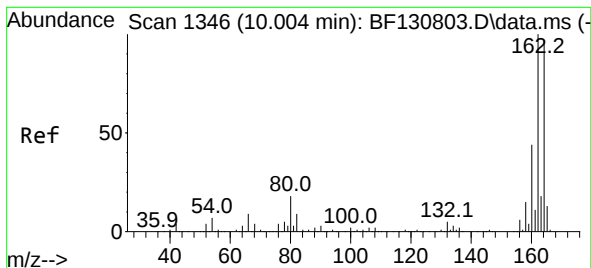
Tgt Ion: 82 Resp: 417301
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.700 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.053 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 89.8 129.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

Instrument :

BNA_F

ClientSampleId :

S-8-103122

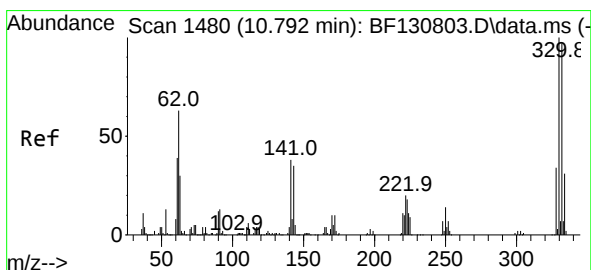
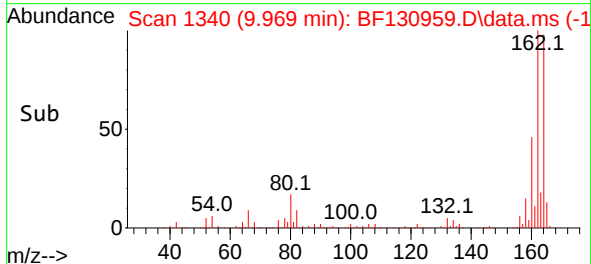
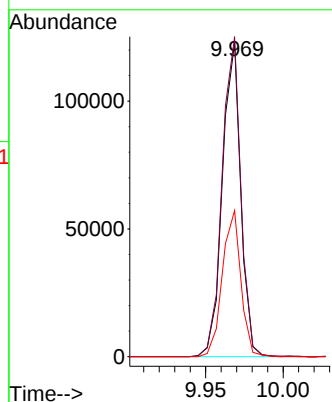
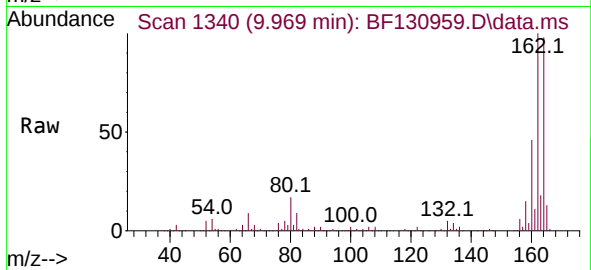
Tgt Ion:164 Resp: 100983

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

160 46.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 144.488 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.012 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

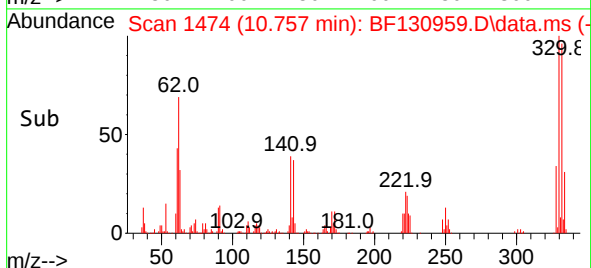
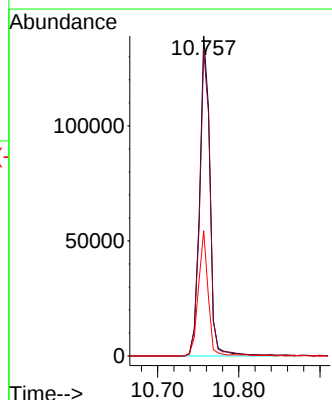
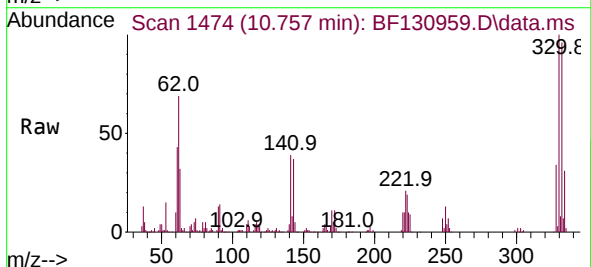
Tgt Ion:330 Resp: 122825

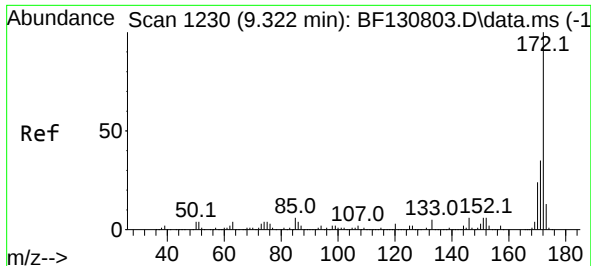
Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 37.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 87.007 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

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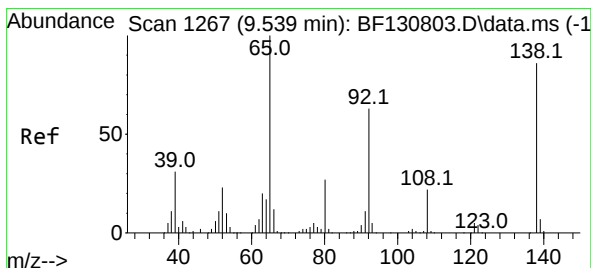
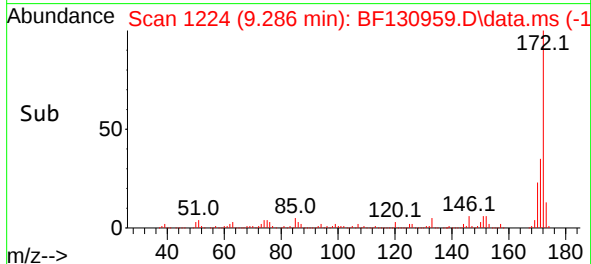
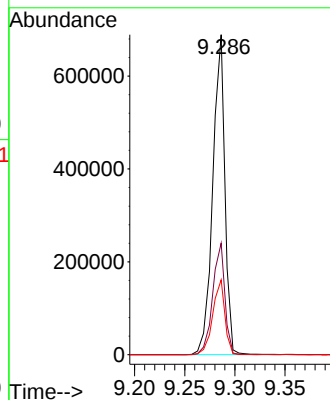
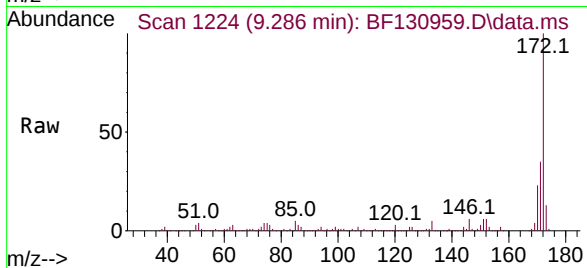
Tgt Ion:172 Resp: 581145

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.307 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.018 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

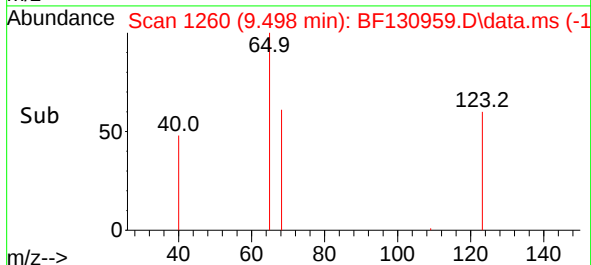
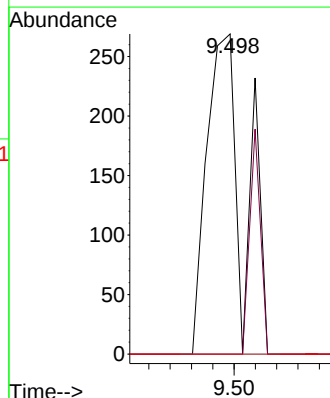
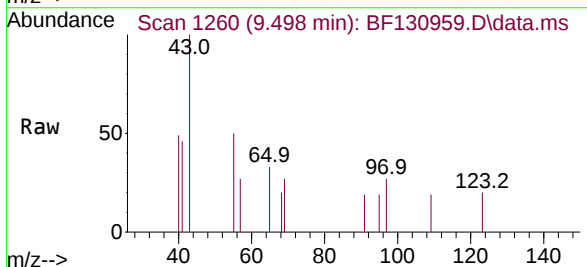
Tgt Ion: 65 Resp: 325

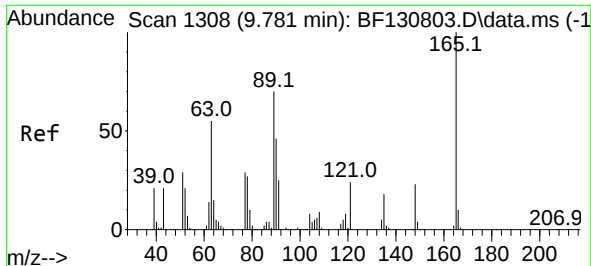
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

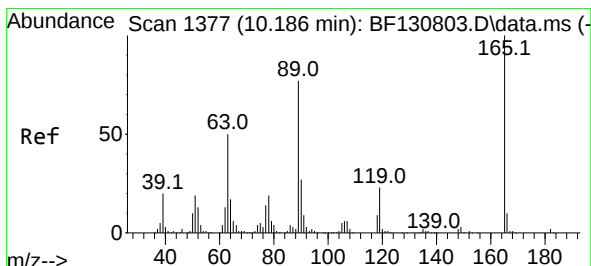
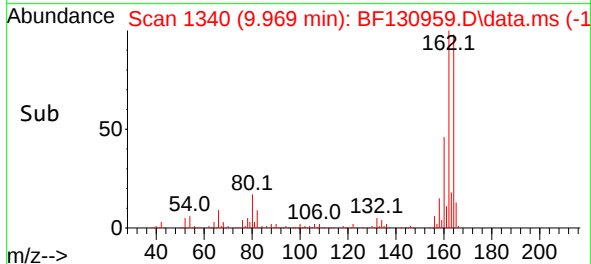
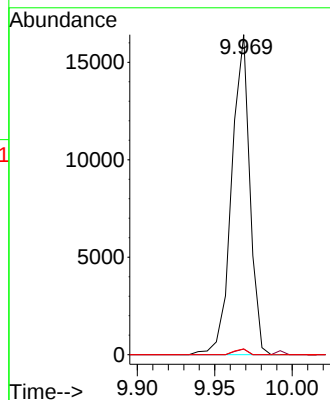
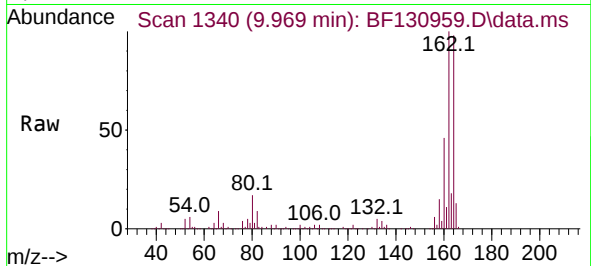




#51
2,6-Dinitrotoluene
Concen: 12.350 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

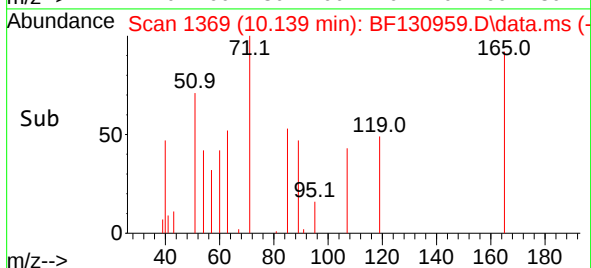
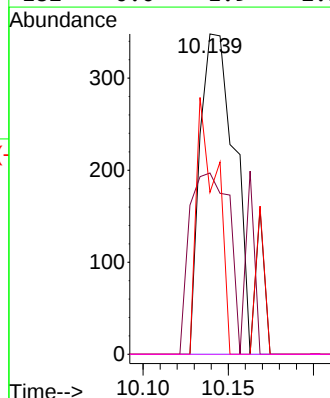
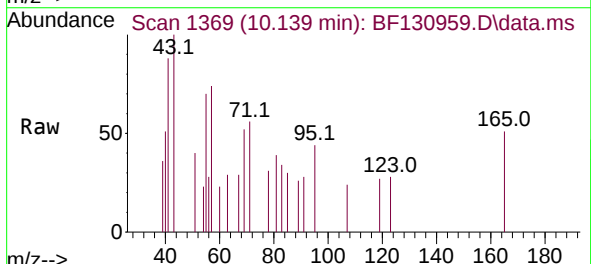
Instrument :
BNA_F
ClientSampleId :
S-8-103122

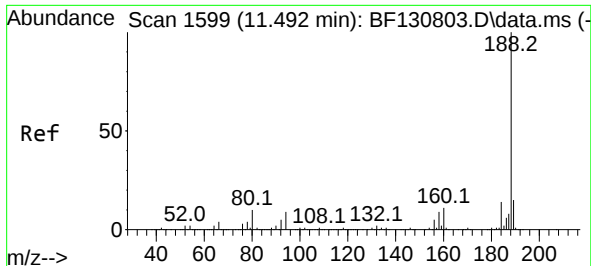
Tgt Ion:165 Resp: 13385
Ion Ratio Lower Upper
165 100
63 1.7 61.8 92.8#
89 1.8 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 4.008 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.024 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:165 Resp: 542
Ion Ratio Lower Upper
165 100
63 56.6 39.8 59.6
89 50.6 61.9 92.9#
182 0.0 1.9 2.9#

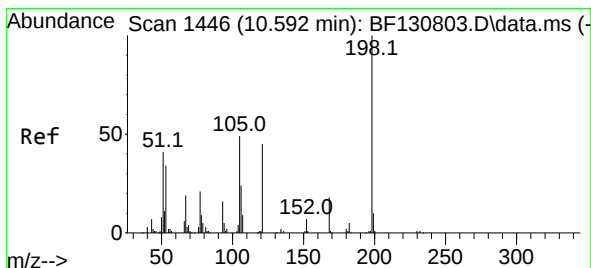
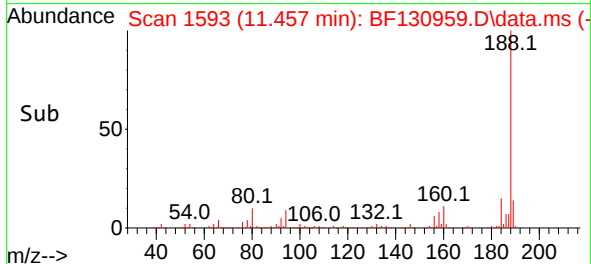
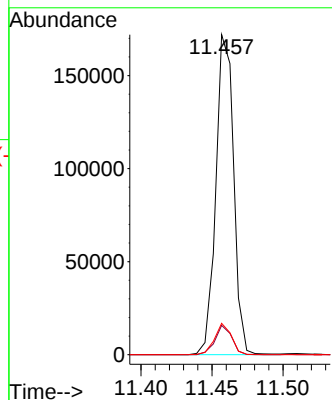
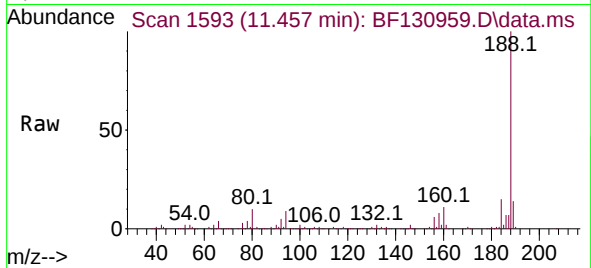




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

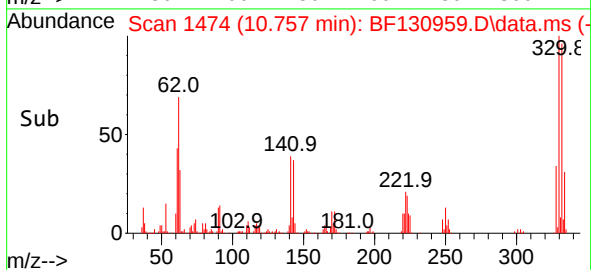
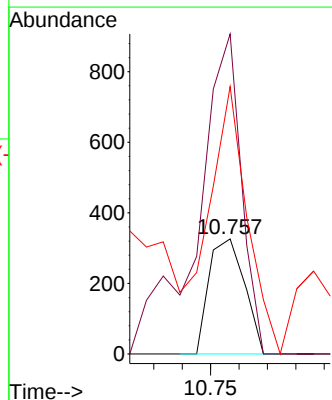
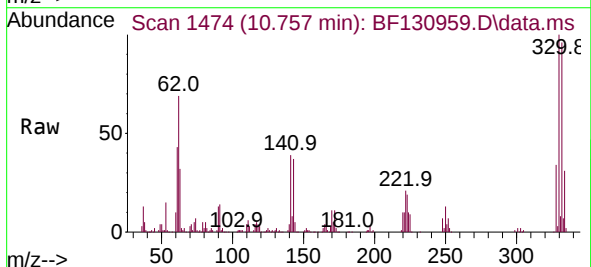
Instrument :
BNA_F
ClientSampleId :
S-8-103122

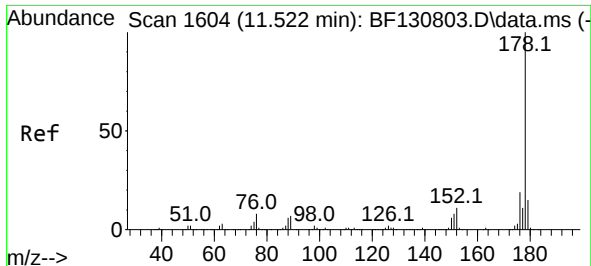
Tgt Ion:188 Resp: 149780
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.306 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.188 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 278.2 39.0 79.0#
105 232.5 30.6 70.6#

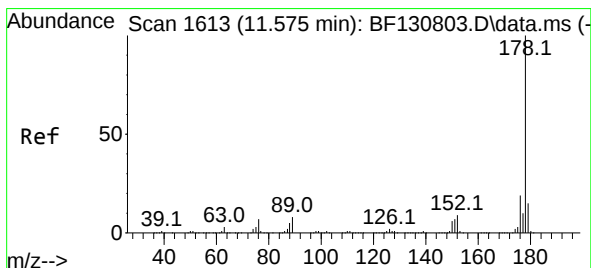
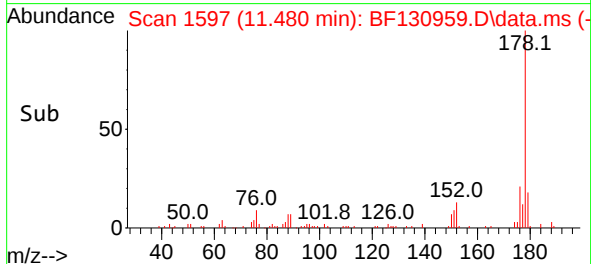
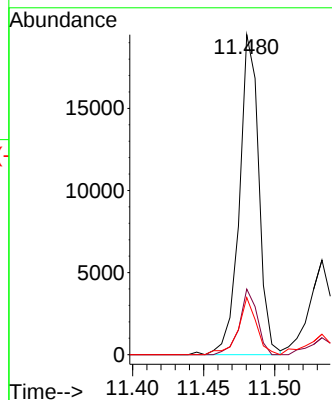
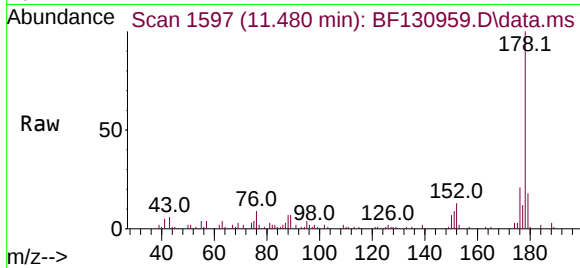




#71
Phenanthrene
Concen: 2.399 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

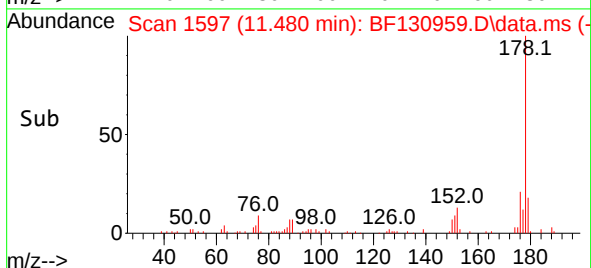
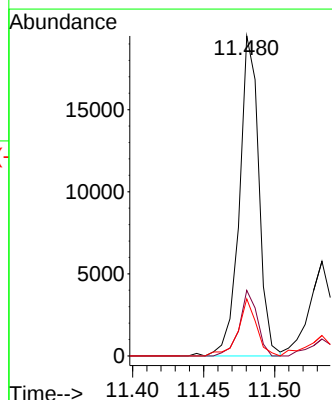
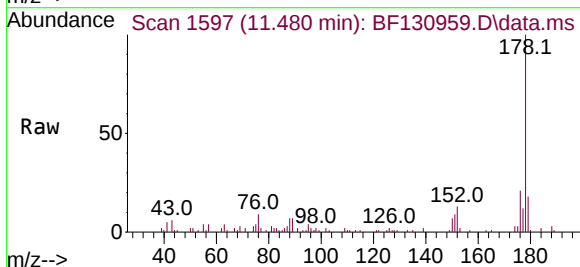
Instrument :
BNA_F
ClientSampleId :
S-8-103122

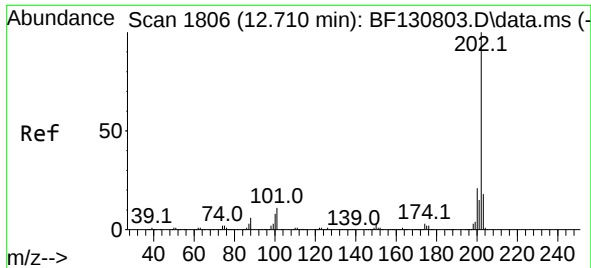
Tgt Ion:178 Resp: 18549
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 17.8 12.2 18.2



#72
Anthracene
Concen: 2.433 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.065 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:178 Resp: 18549
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.0
179 17.8 12.2 18.4

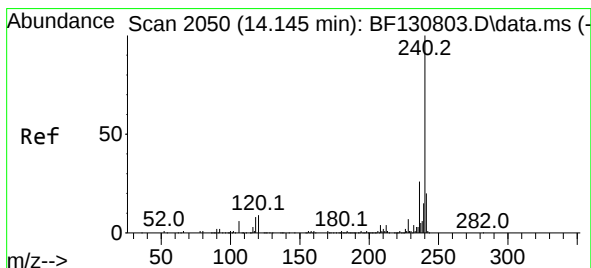
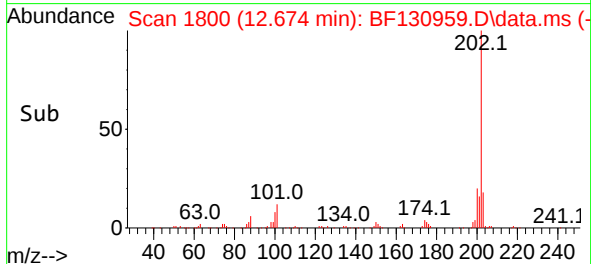
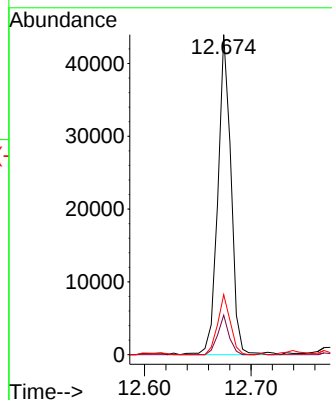
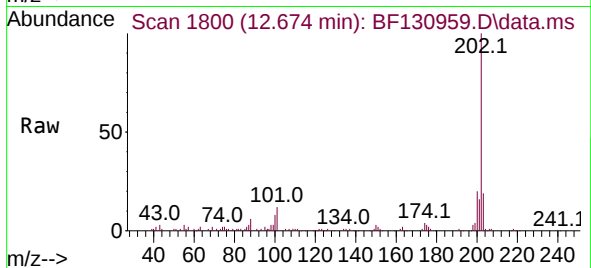




#75
Fluoranthene
Concen: 4.581 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

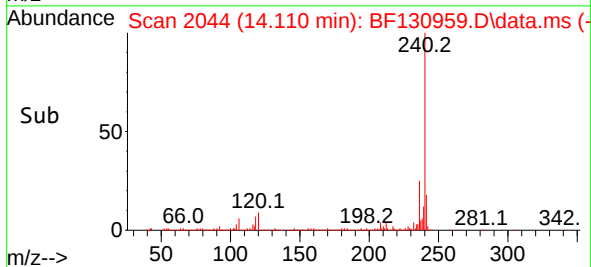
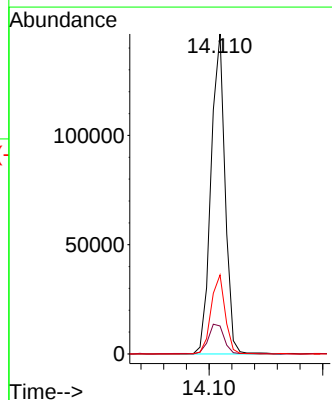
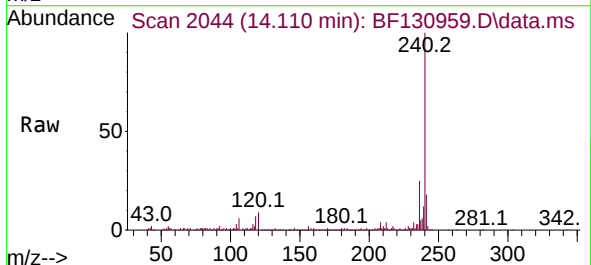
Instrument :
BNA_F
ClientSampleId :
S-8-103122

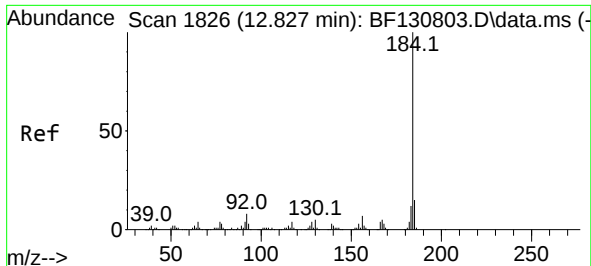
Tgt Ion:202 Resp: 37628
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.9
203 18.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:240 Resp: 125511
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 24.7 20.5 30.7

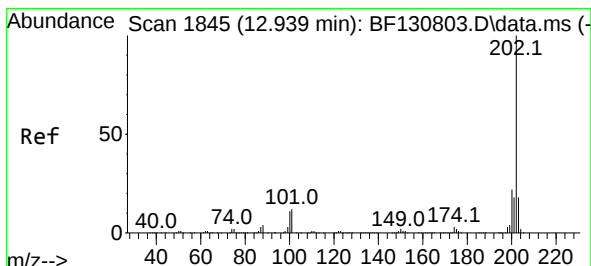
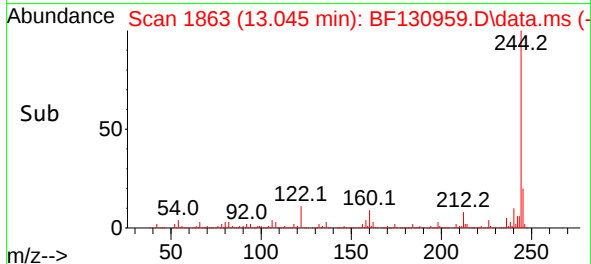
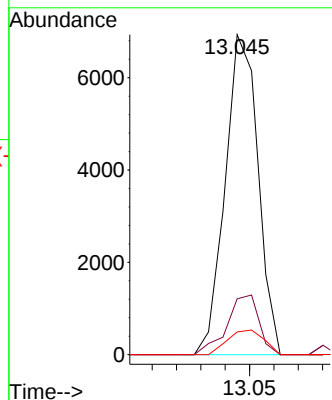
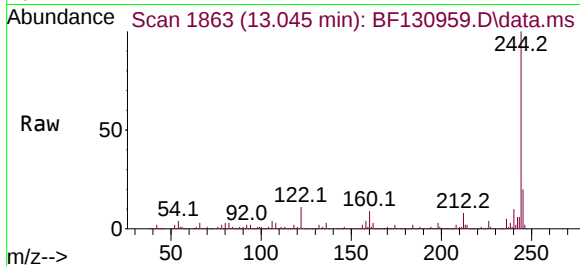




#77
Benzidine
Concen: 2.132 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.241 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

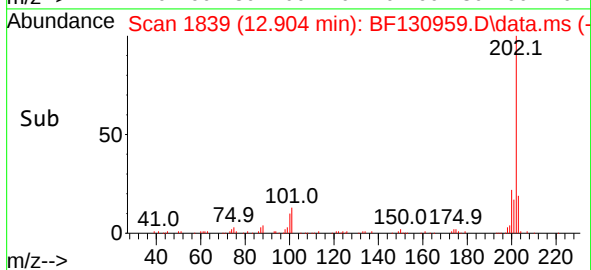
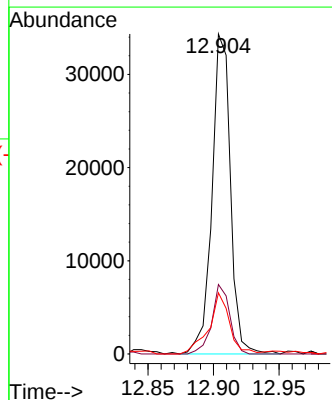
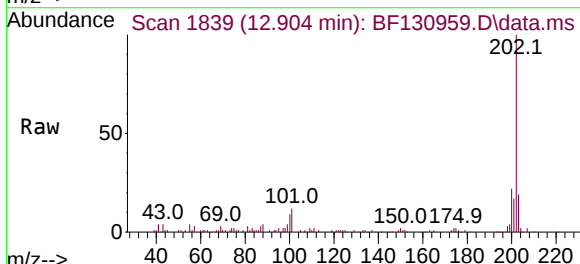
Instrument :
BNA_F
ClientSampleId :
S-8-103122

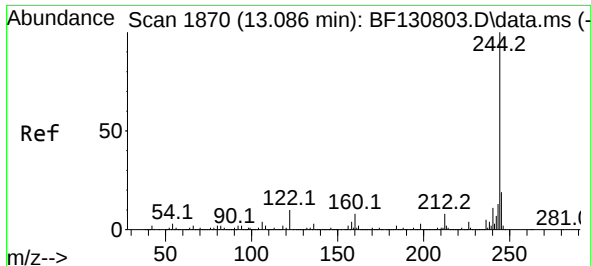
Tgt Ion:184 Resp: 6495
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 7.1 9.7 14.5#



#78
Pyrene
Concen: 3.176 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:202 Resp: 33636
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 19.1 14.5 21.7

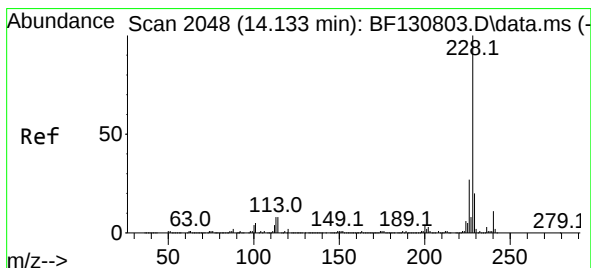
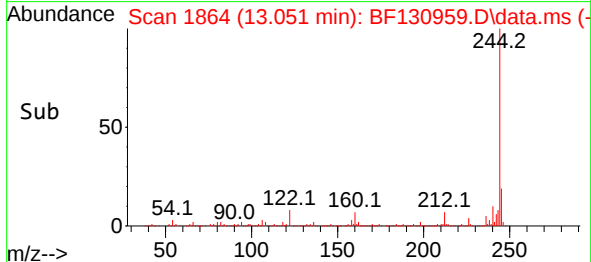
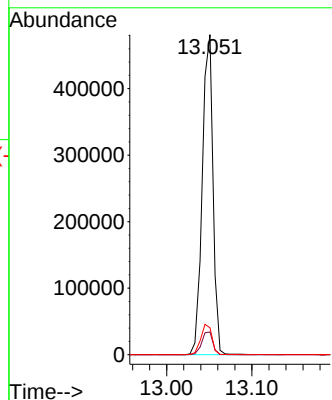
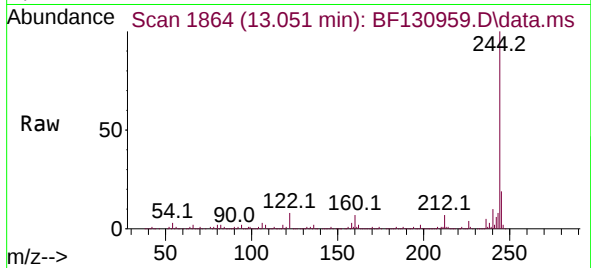




#79
 Terphenyl-d14
 Concen: 61.326 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130959.D
 Acq: 03 Nov 2022 12:54

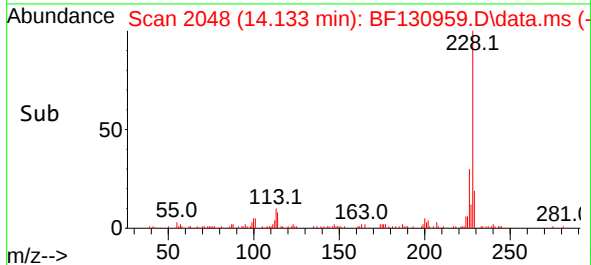
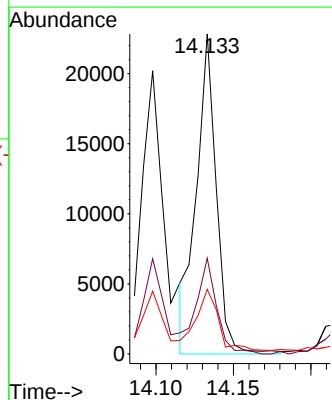
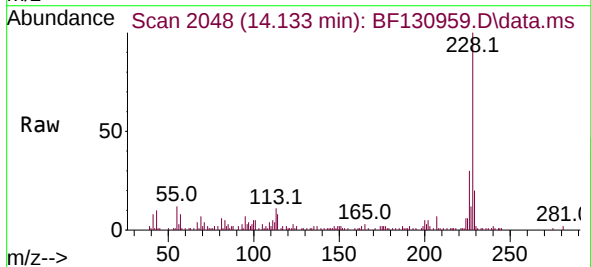
Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122

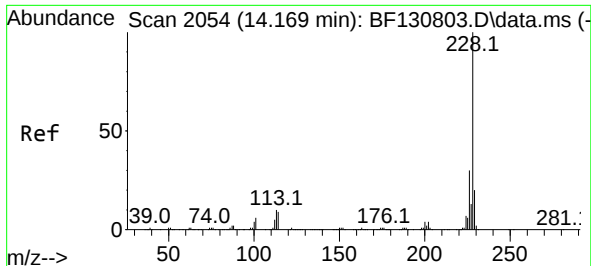
Tgt Ion:244 Resp: 420042
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.4 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 2.451 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. 0.023 min
 Lab File: BF130959.D
 Acq: 03 Nov 2022 12:54

Tgt Ion:228 Resp: 20398
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.4 32.2
 229 20.2 15.8 23.6

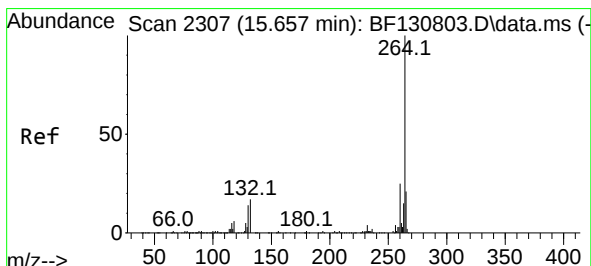
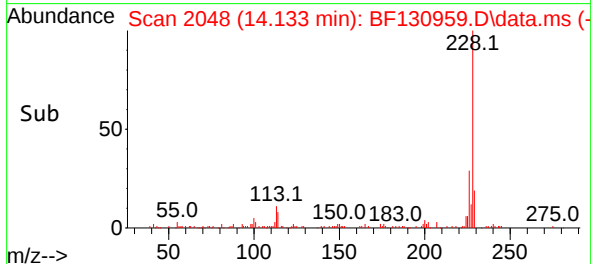
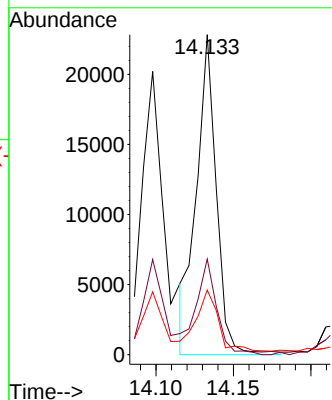
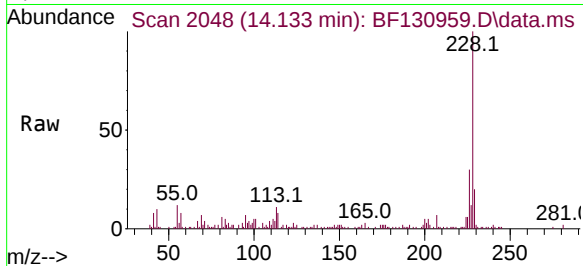




#83
Chrysene
Concen: 2.541 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

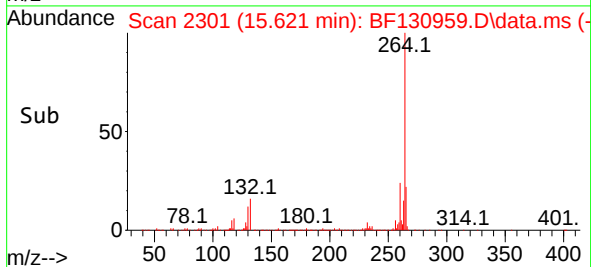
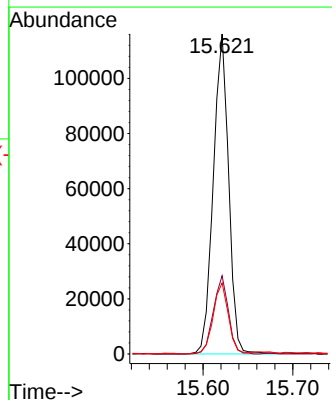
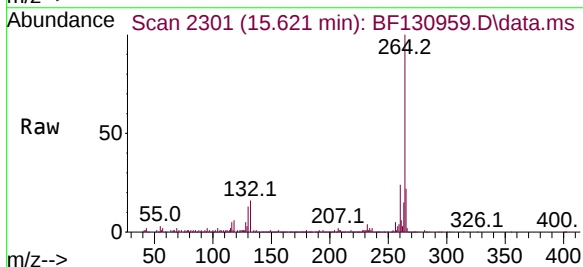
Instrument :
BNA_F
ClientSampleId :
S-8-103122

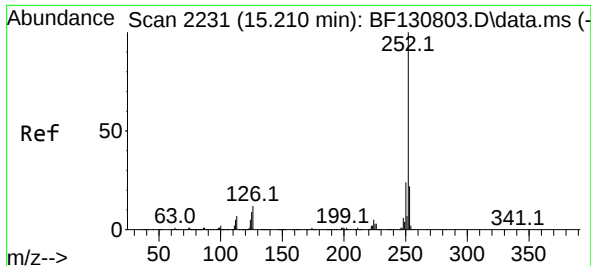
Tgt Ion:228	Resp:	20398
Ion Ratio	Lower	Upper
228	100	
226	29.9	23.9 35.9
229	20.2	15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:264	Resp:	138233
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.9 29.9
265	22.2	17.0 25.6

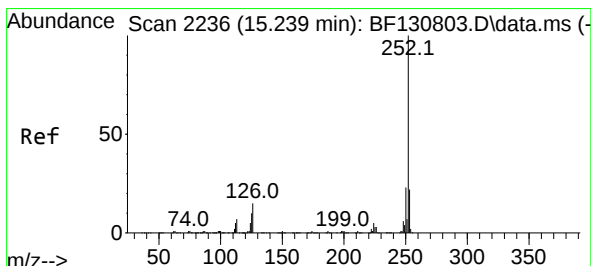
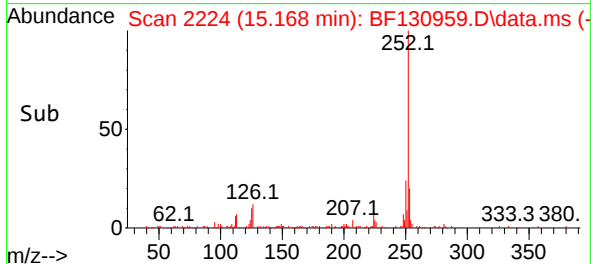
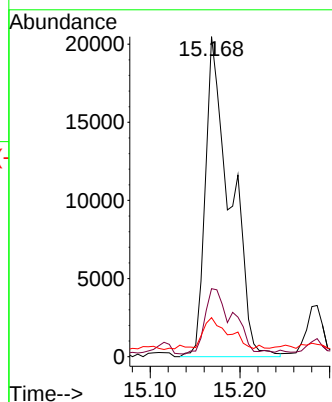
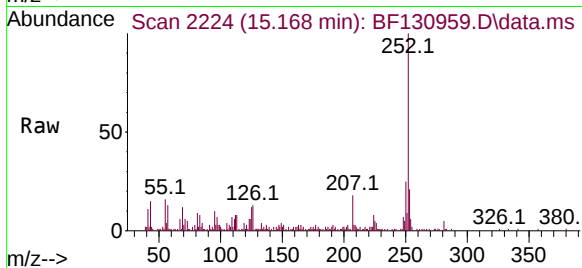




#88
Benzo(b)fluoranthene
Concen: 4.440 ng
RT: 15.168 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

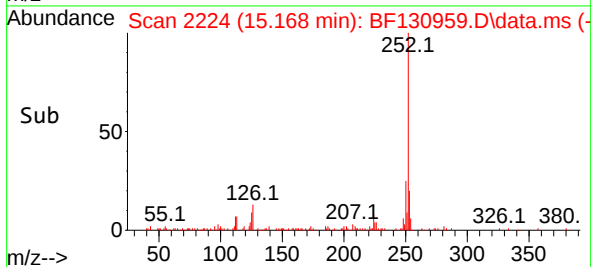
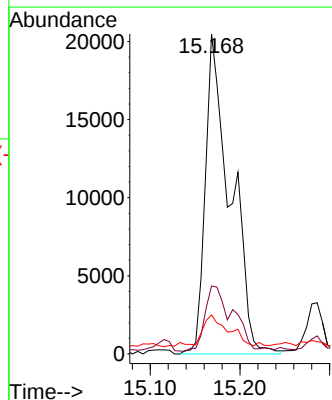
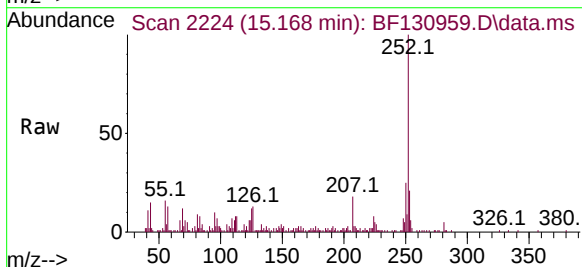
Instrument :
BNA_F
ClientSampleId :
S-8-103122

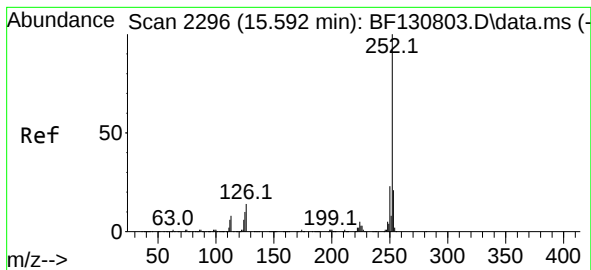
Tgt Ion:252 Resp: 39677
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 12.2 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 4.557 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.047 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:252 Resp: 39677
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 12.2 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.847 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF130959.D

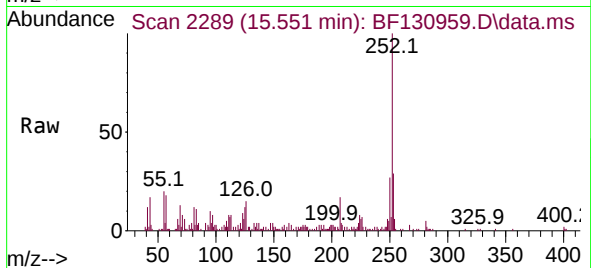
Acq: 03 Nov 2022 12:54

Instrument :

BNA_F

ClientSampleId :

S-8-103122



Tgt Ion:252 Resp: 20448

Ion Ratio Lower Upper

252 100

253 28.7 16.8 25.2#

125 11.9 8.3 12.5

