

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128006.D
 Acq On : 29 Apr 2022 20:36
 Operator : CG\JU
 Sample : N2606-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: May 02 00:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

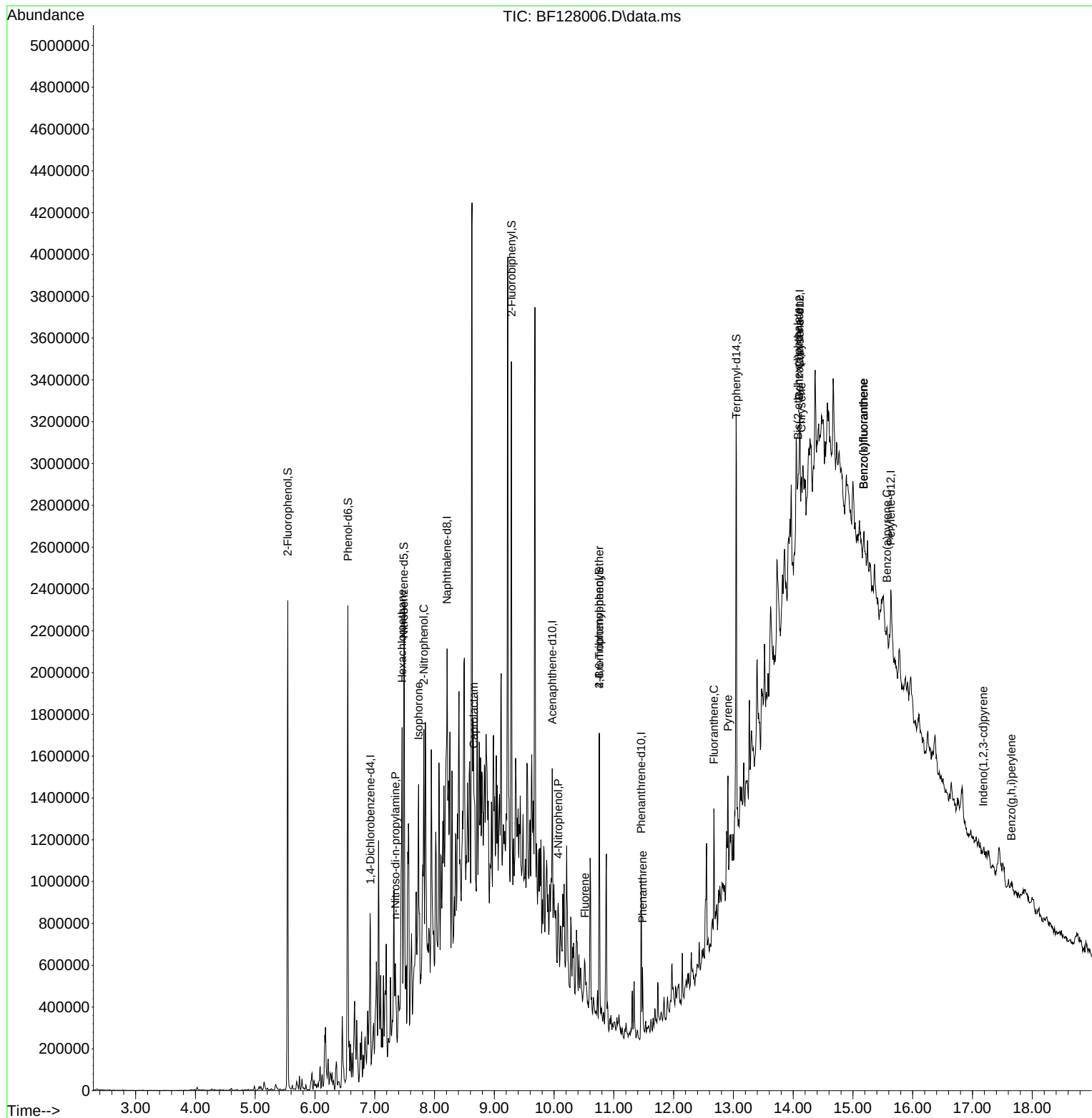
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	95970	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	315148	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	159087	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	260635	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	172367	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	119826	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	580419	96.330	ng	0.00
7) Phenol-d6	6.551	99	726639	92.942	ng	-0.01
23) Nitrobenzene-d5	7.487	82	500524	74.685	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	145968	91.146	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	728073	77.424	ng	0.00
79) Terphenyl-d14	13.051	244	673788	71.479	ng	0.00
Target Compounds						
18) Hexachloroethane	7.457	117	29302	11.093	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	20660	4.317	ng	# 69
25) Isophorone	7.734	82	57205	5.072	ng	# 1
26) 2-Nitrophenol	7.822	139	5531	2.010	ng	# 1
35) Caprolactam	8.657	113	8421	5.448	ng	# 1
56) 4-Nitrophenol	10.069	139	6371	3.253	ng	# 41
58) Fluorene	10.516	166	24725	2.489	ng	# 95
67) 4-Bromophenyl-phenylether	10.757	248	9113	3.154	ng	# 1
71) Phenanthrene	11.480	178	98631	7.229	ng	99
75) Fluoranthene	12.674	202	156923	10.929	ng	99
78) Pyrene	12.910	202	142893	10.269	ng	98
81) Benzo(a)anthracene	14.104	228	67725	5.895	ng	# 91
83) Chrysene	14.139	228	69506	6.335	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.080	149	24225	3.350	ng	# 82
87) Indeno(1,2,3-cd)pyrene	17.180	276	28929	3.617	ng	97
88) Benzo(b)fluoranthene	15.180	252	90607	12.039	ng	# 36
89) Benzo(k)fluoranthene	15.180	252	90607	11.950	ng	# 35
90) Benzo(a)pyrene	15.568	252	45955	7.361	ng	# 37
92) Benzo(g,h,i)perylene	17.651	276	29259	4.328	ng	# 77

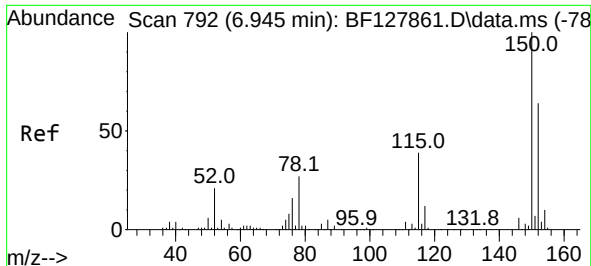
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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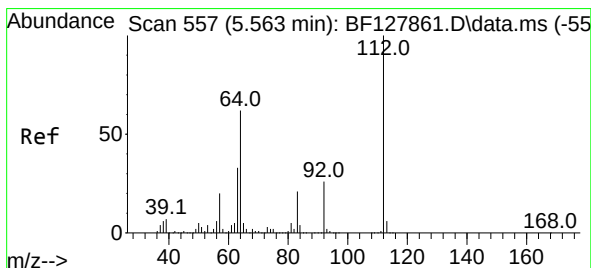
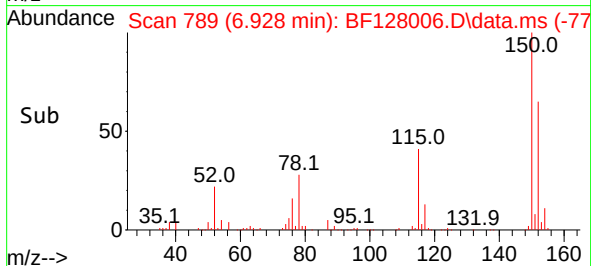
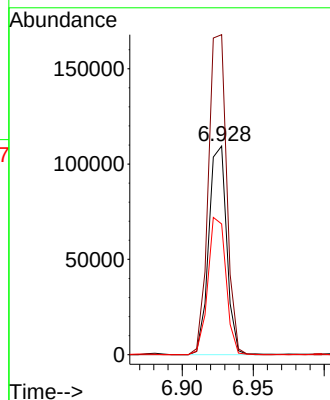
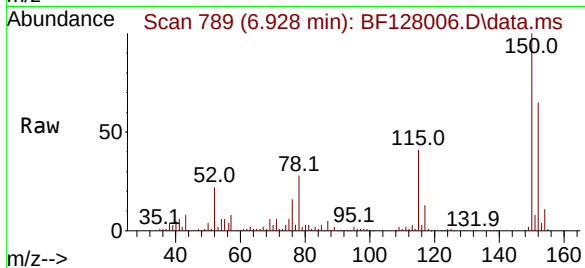




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128006.D
 Acq: 29 Apr 2022 20:36

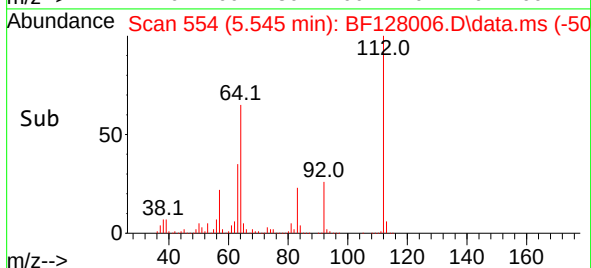
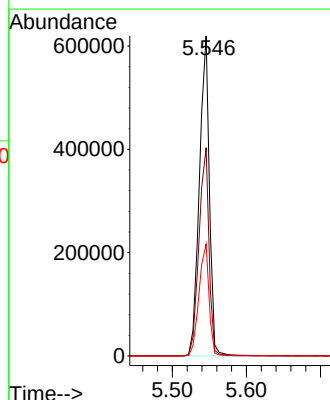
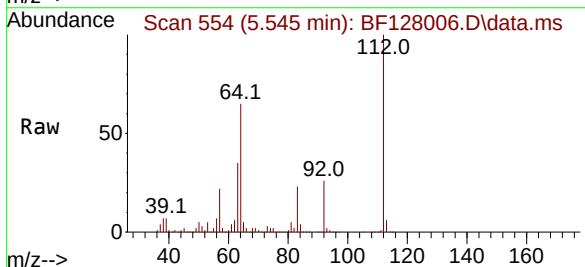
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

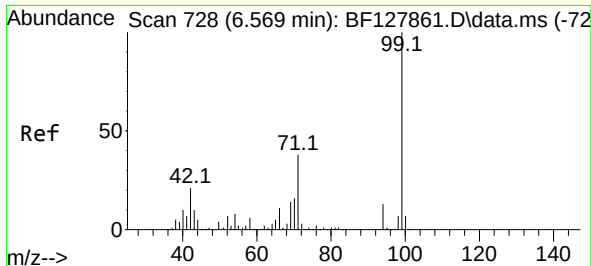
Tgt Ion:152 Resp: 95970
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.3 187.9
 115 62.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.330 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF128006.D
 Acq: 29 Apr 2022 20:36

Tgt Ion:112 Resp: 580419
 Ion Ratio Lower Upper
 112 100
 64 65.1 49.5 74.3
 63 35.0 26.3 39.5





#7

Phenol-d6

Concen: 92.942 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

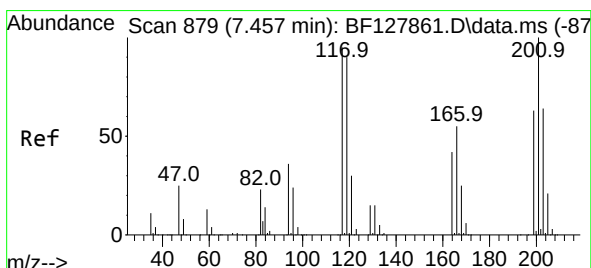
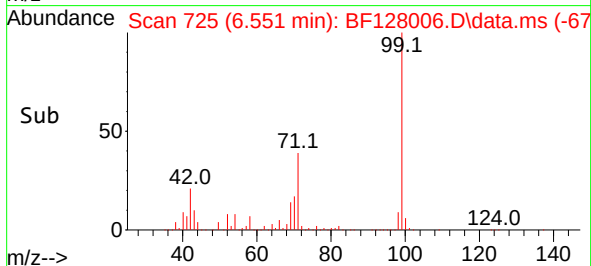
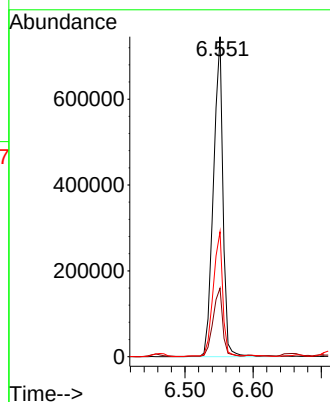
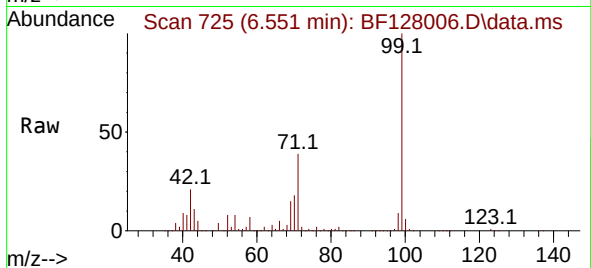
Tgt Ion: 99 Resp: 726639

Ion Ratio Lower Upper

99 100

42 21.4 16.6 24.8

71 39.1 30.0 45.0



#18

Hexachloroethane

Concen: 11.093 ng

RT: 7.457 min Scan# 879

Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

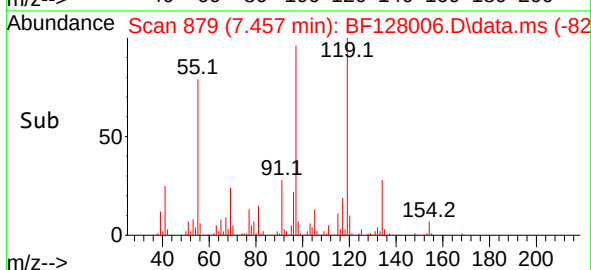
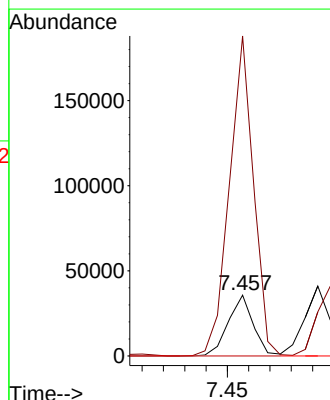
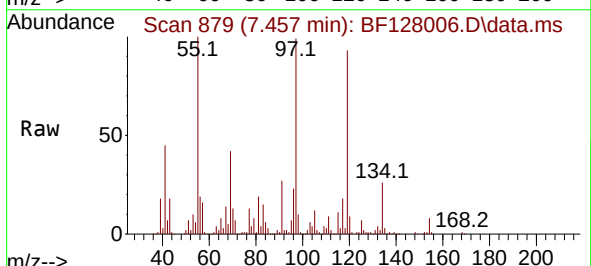
Tgt Ion: 117 Resp: 29302

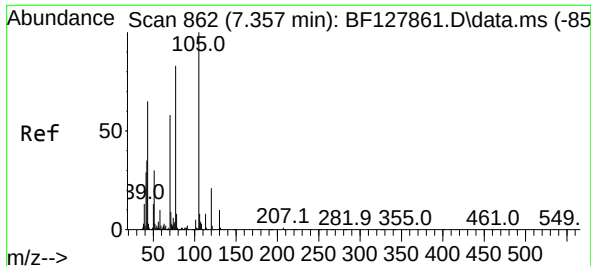
Ion Ratio Lower Upper

117 100

119 525.9 76.2 114.4#

201 0.0 84.4 126.6#

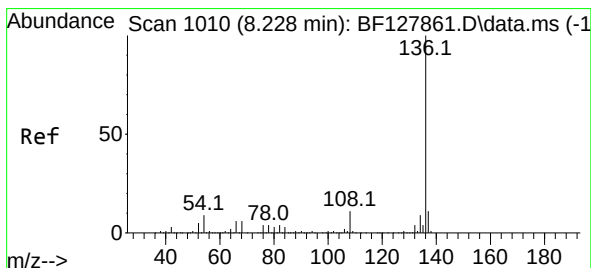
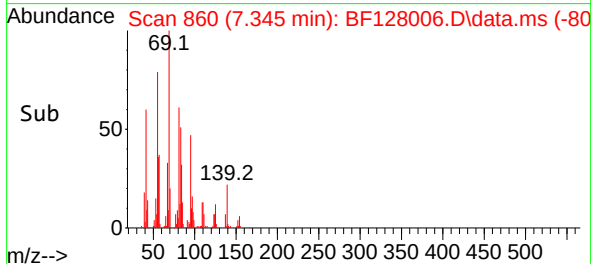
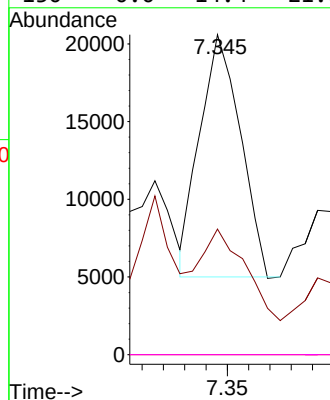
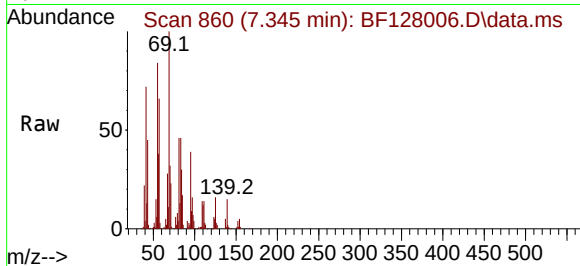




#19
n-Nitroso-di-n-propylamine
Concen: 4.317 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

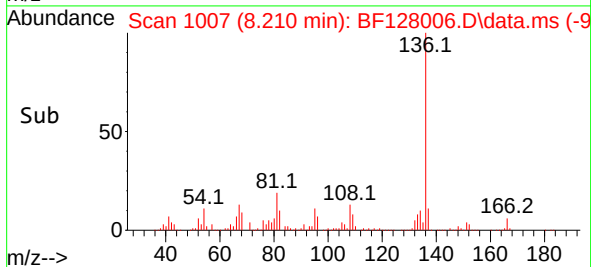
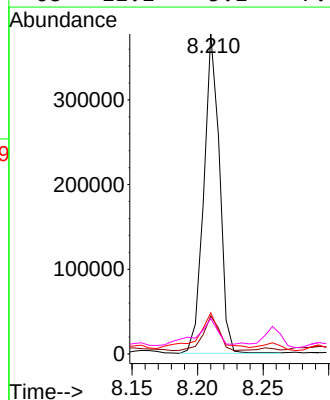
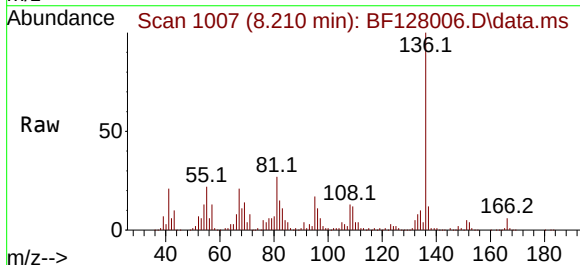
Instrument :
BNA_F
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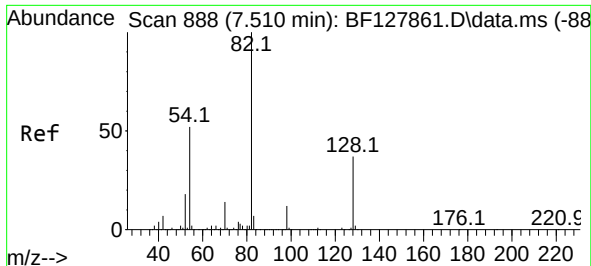
Tgt Ion:	70	Resp:	20660
Ion	Ratio	Lower	Upper
70	100		
42	39.3	48.7	73.1#
101	0.0	7.2	10.8#
130	0.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:	136	Resp:	315148
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	13.0
54	12.8	6.8	10.2#
68	11.1	5.1	7.7#

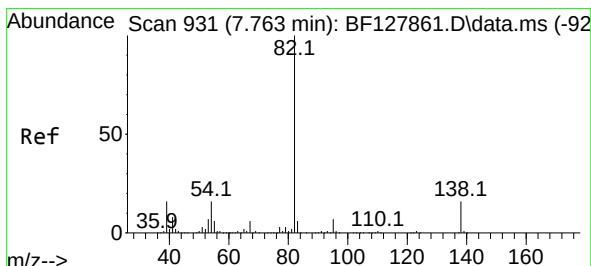
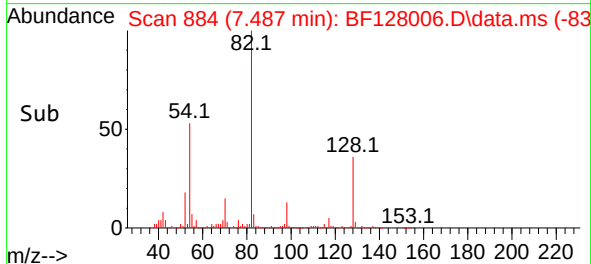
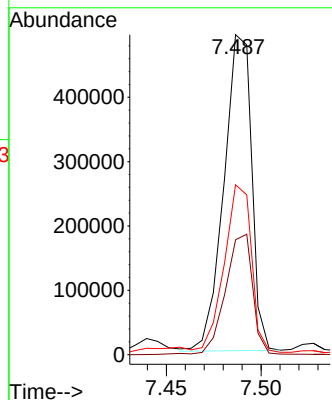
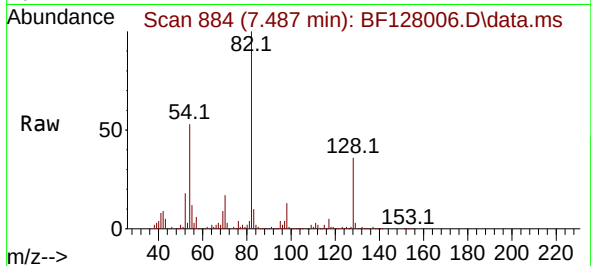




#23
Nitrobenzene-d5
Concen: 74.685 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

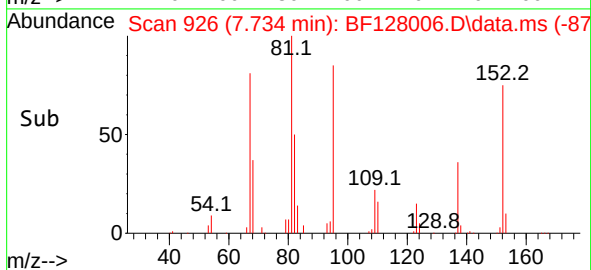
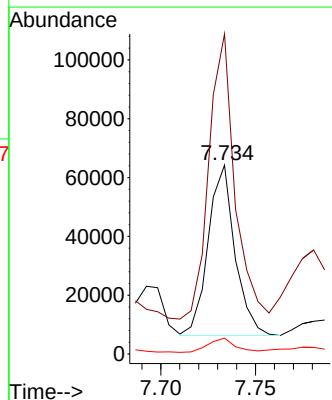
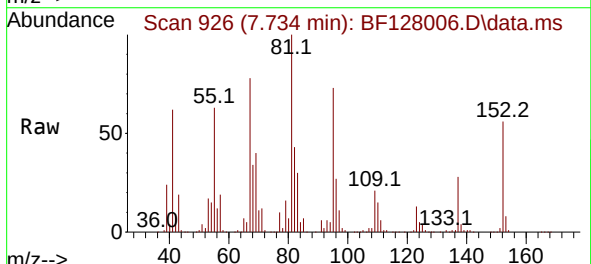
Instrument :
BNA_F
ClientSampleId :
WC-3

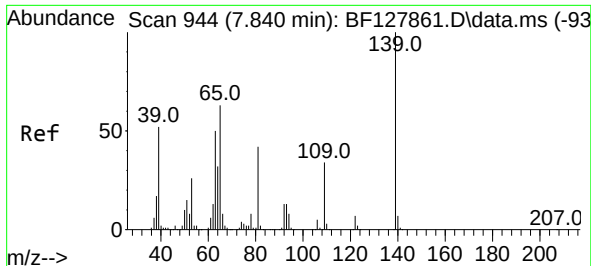
Tgt Ion: 82 Resp: 500524
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 53.1 41.3 61.9



#25
Isophorone
Concen: 5.072 ng
RT: 7.734 min Scan# 926
Delta R.T. -0.023 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion: 82 Resp: 57205
Ion Ratio Lower Upper
82 100
95 169.6 5.6 8.4#
138 8.4 12.5 18.7#

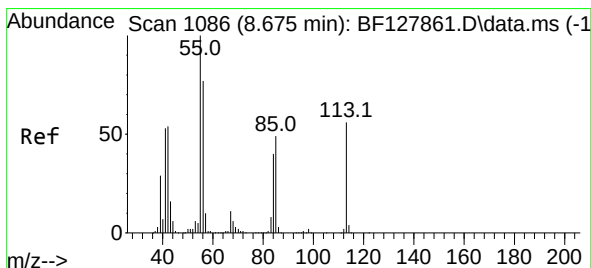
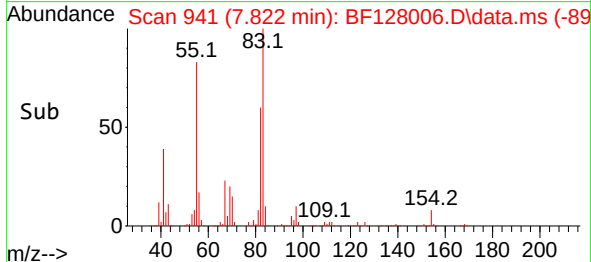
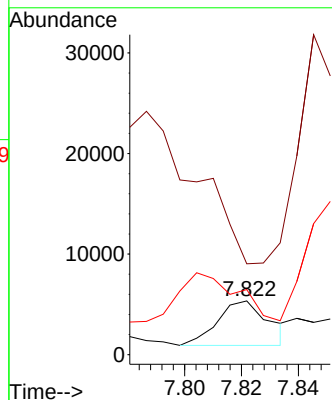
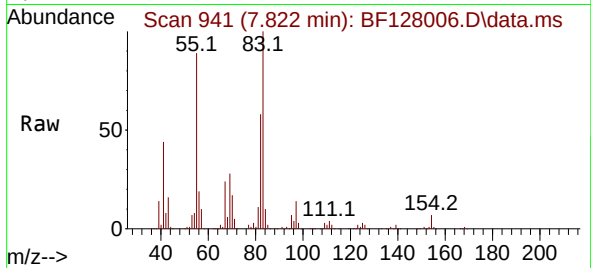




#26
2-Nitrophenol
Concen: 2.010 ng
RT: 7.822 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

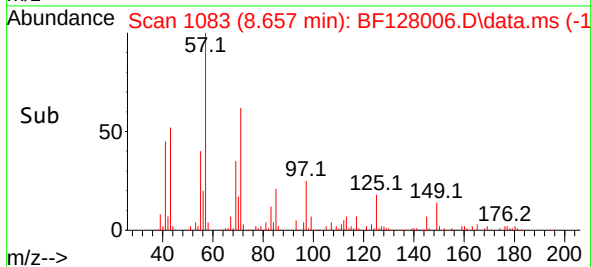
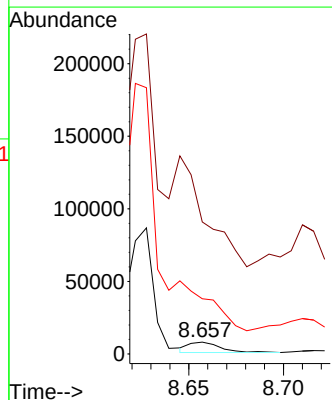
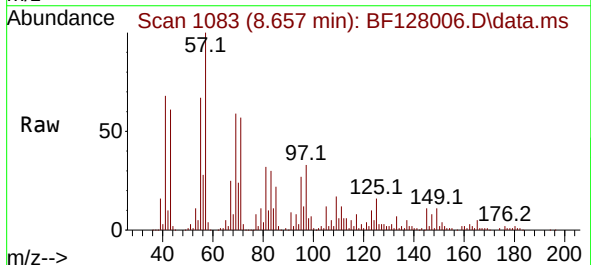
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ClientSampleId :
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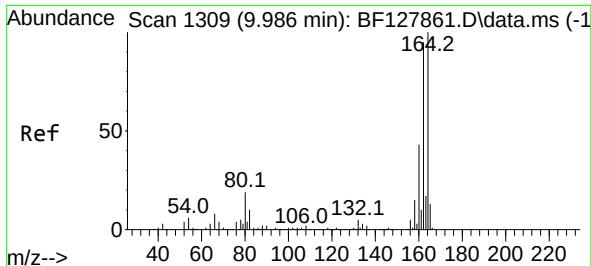
Tgt Ion:139 Resp: 5531
Ion Ratio Lower Upper
139 100
109 168.9 27.4 41.2#
65 121.2 50.8 76.2#



#35
Caprolactam
Concen: 5.448 ng
RT: 8.657 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:113 Resp: 8421
Ion Ratio Lower Upper
113 100
55 1115.7 157.4 197.4#
56 466.5 116.1 156.1#

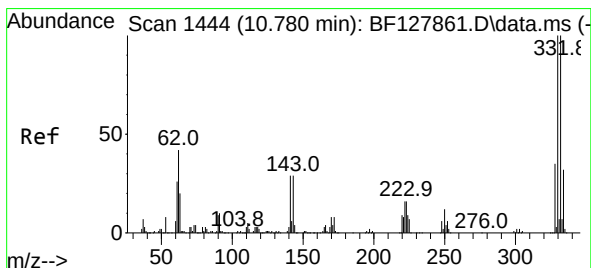
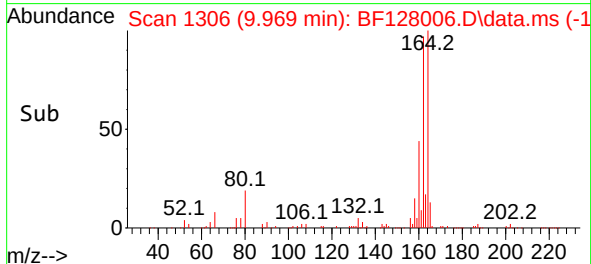
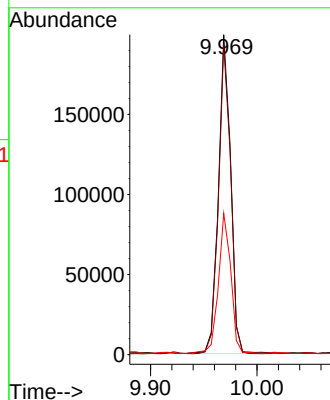
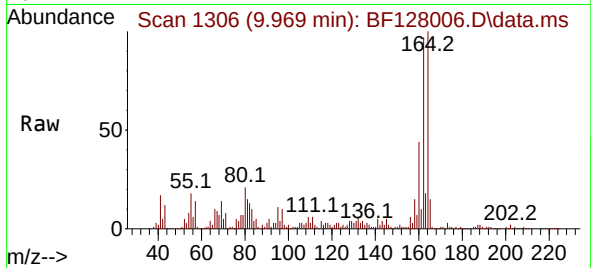




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

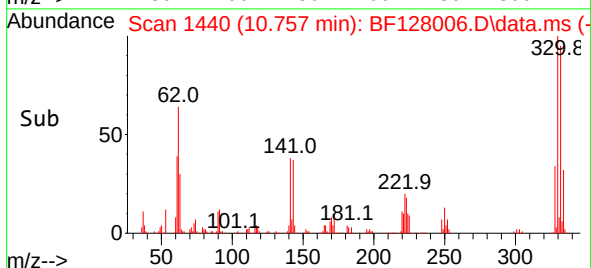
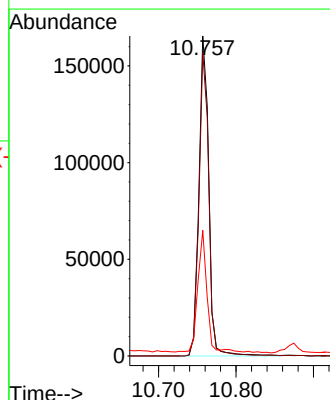
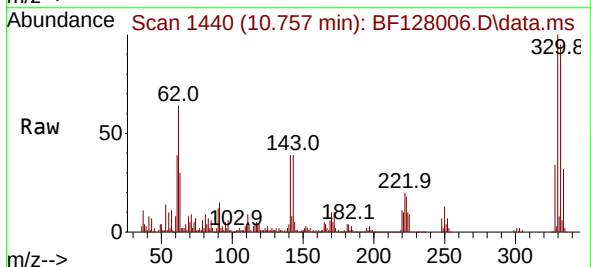
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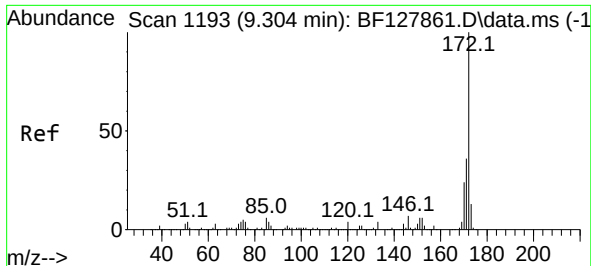
Tgt Ion:164 Resp: 159087
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 91.146 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:330 Resp: 145968
Ion Ratio Lower Upper
330 100
332 95.1 79.0 118.4
141 34.0 28.9 43.3

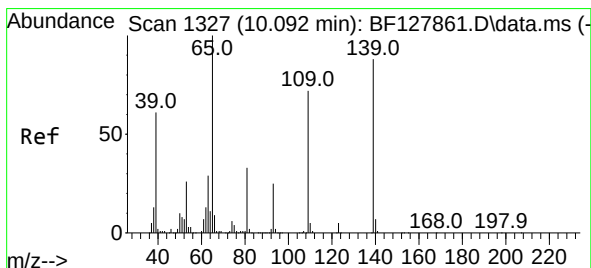
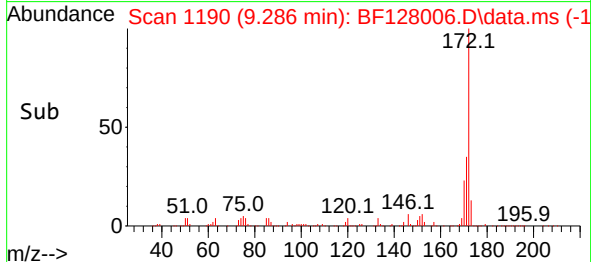
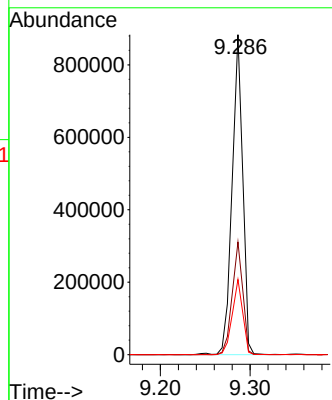
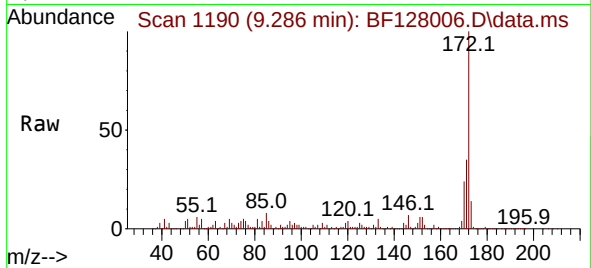




#45
2-Fluorobiphenyl
Concen: 77.424 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

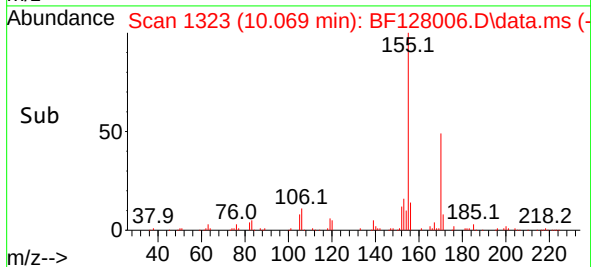
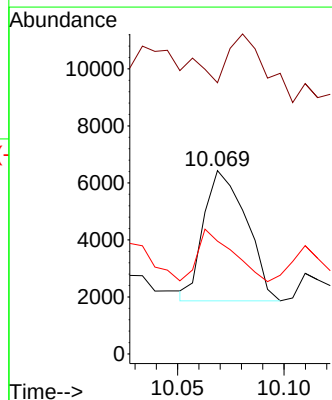
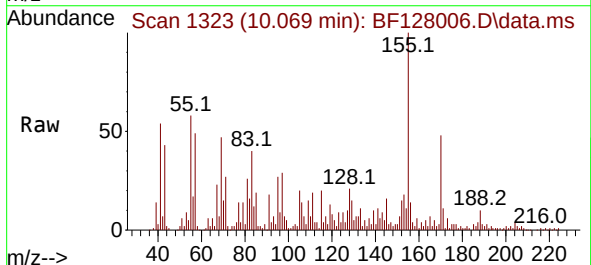
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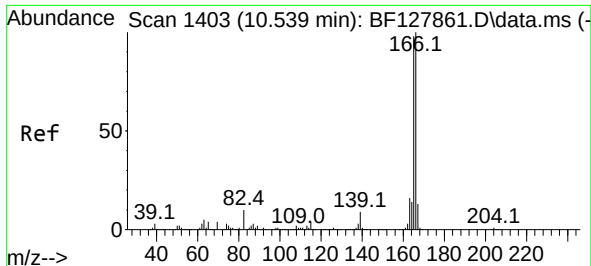
Tgt Ion:172 Resp: 728073
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7



#56
4-Nitrophenol
Concen: 3.253 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.018 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:139 Resp: 6371
Ion Ratio Lower Upper
139 100
109 147.9 61.9 101.9#
65 61.6 93.5 133.5#

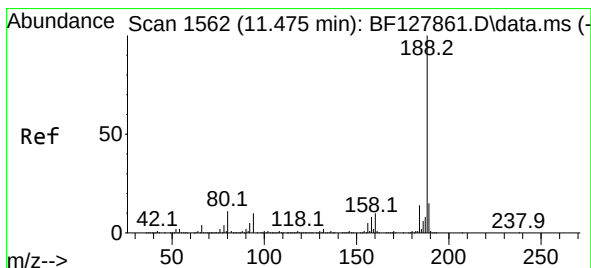
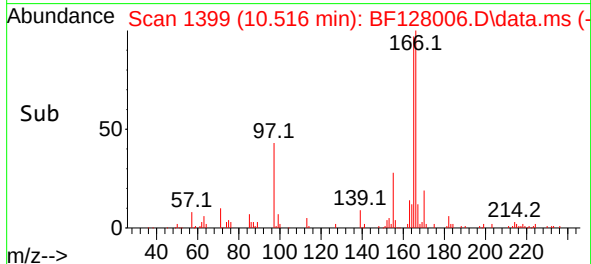
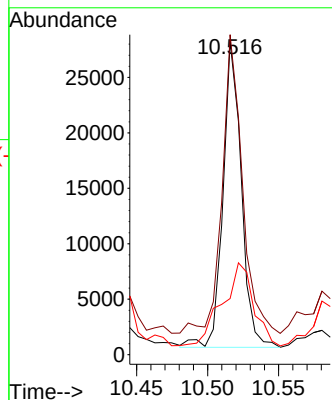
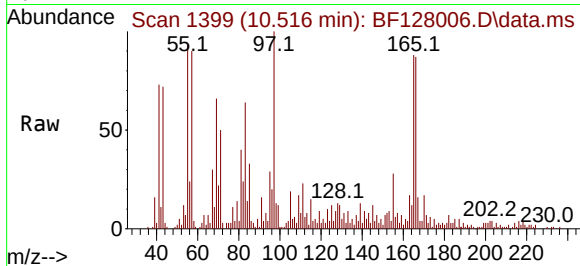




#58
Fluorene
Concen: 2.489 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

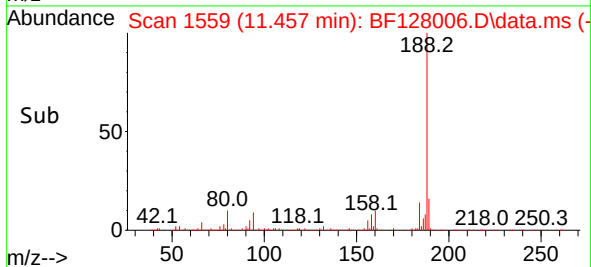
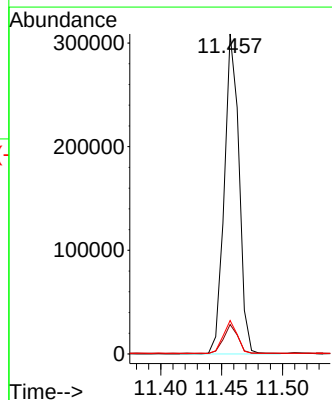
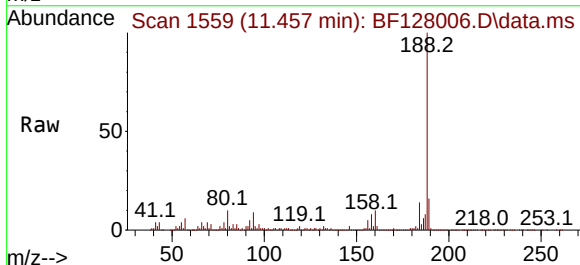
Instrument :
BNA_F
ClientSampleId :
WC-3

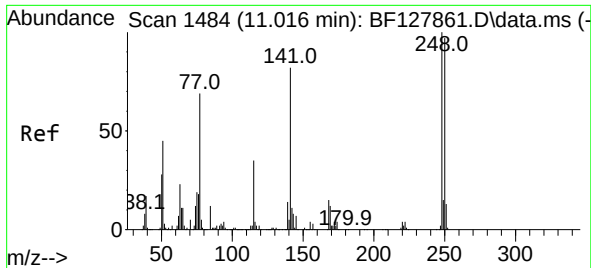
Tgt Ion:166 Resp: 24725
Ion Ratio Lower Upper
166 100
165 102.1 78.6 117.8
167 17.9 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:188 Resp: 260635
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.4 8.9 13.3

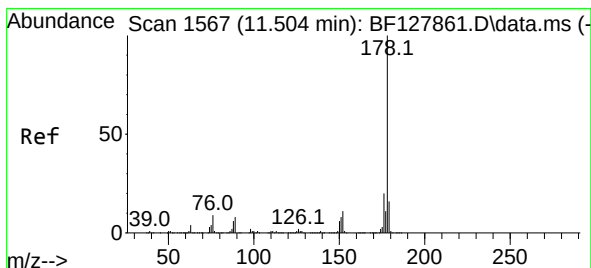
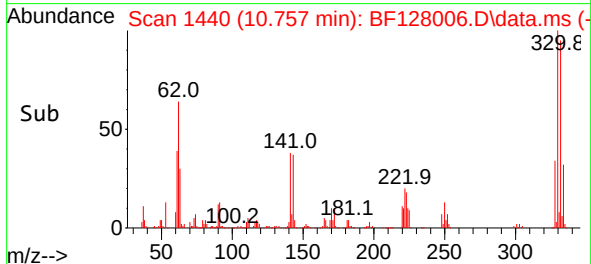
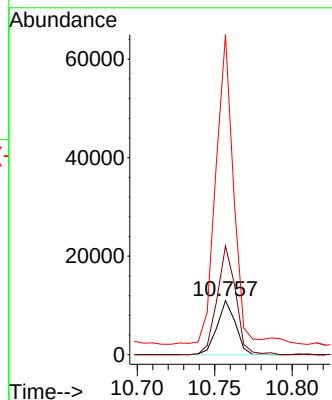
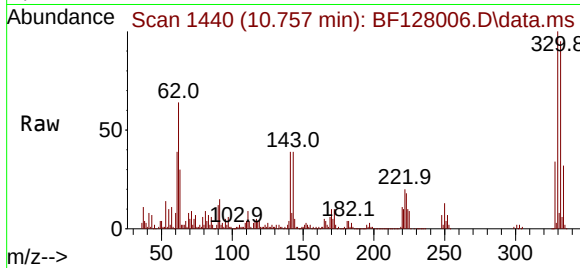




#67
4-Bromophenyl-phenylether
Concen: 3.154 ng
RT: 10.757 min Scan# 1484
Delta R.T. -0.253 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

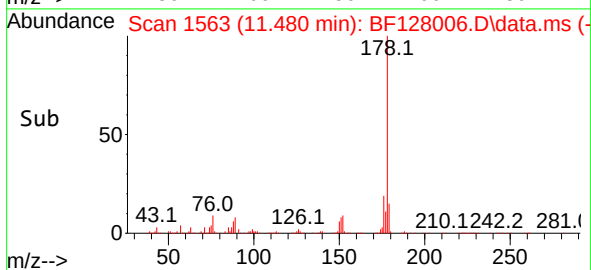
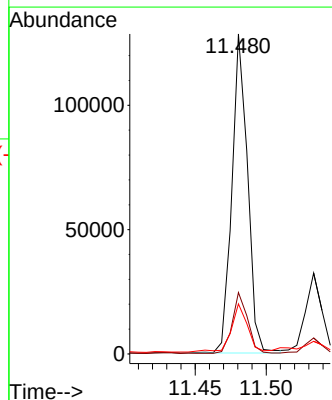
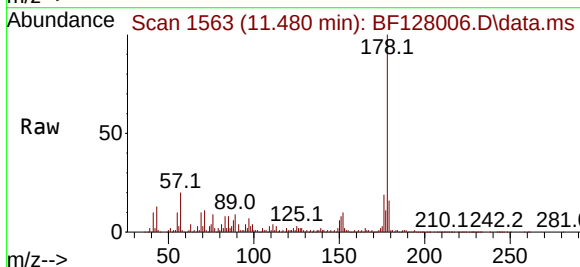
Instrument :
BNA_F
ClientSampleId :
WC-3

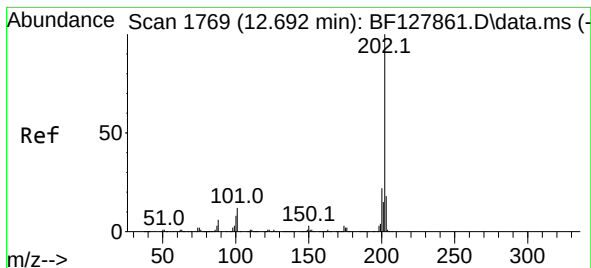
Tgt Ion:248 Resp: 9113
Ion Ratio Lower Upper
248 100
250 200.9 77.7 116.5#
141 590.7 65.6 98.4#



#71
Phenanthrene
Concen: 7.229 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:178 Resp: 98631
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.6 19.0





#75

Fluoranthene

Concen: 10.929 ng

RT: 12.674 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

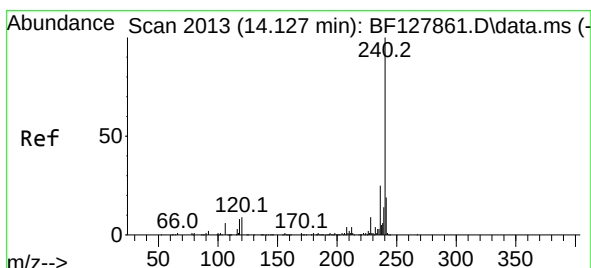
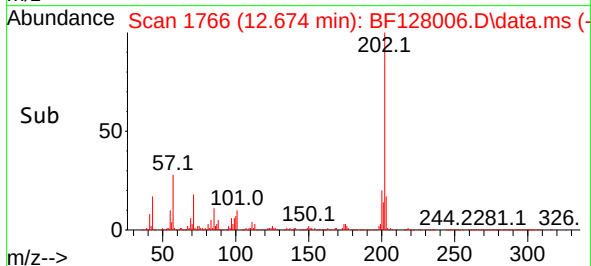
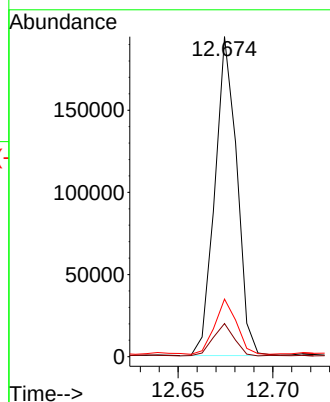
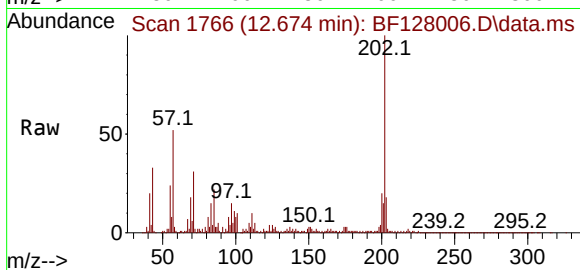
Tgt Ion:202 Resp: 156923

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.6

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

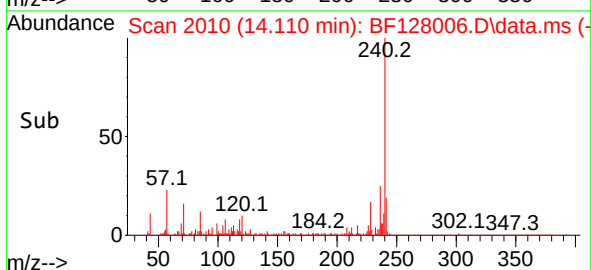
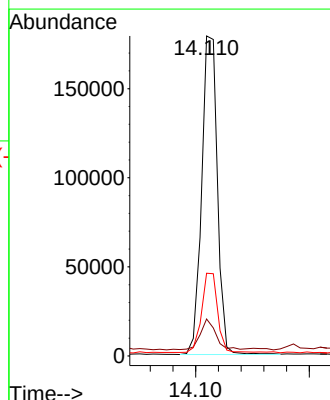
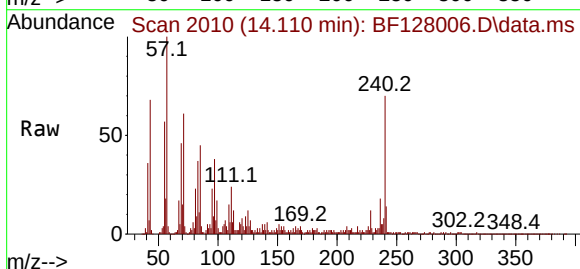
Tgt Ion:240 Resp: 172367

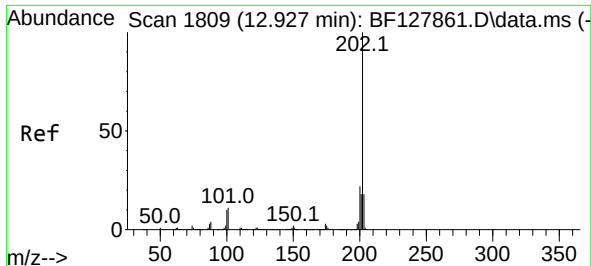
Ion Ratio Lower Upper

240 100

120 11.6 7.0 10.6#

236 25.9 20.3 30.5

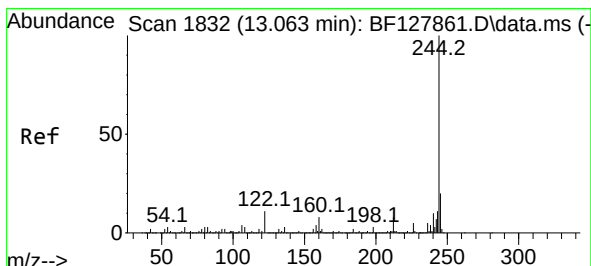
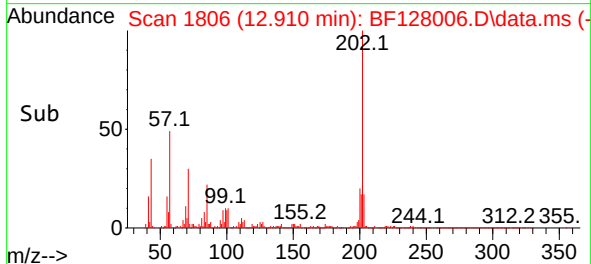
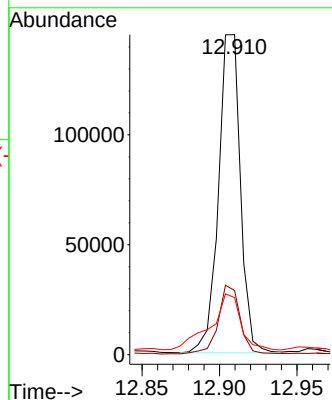
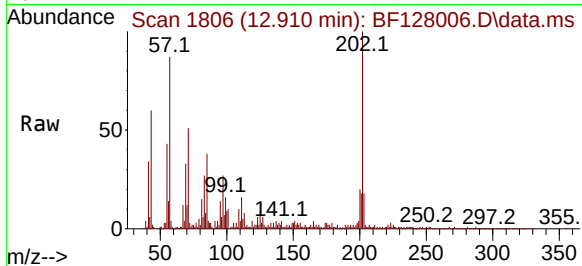




#78
Pyrene
Concen: 10.269 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

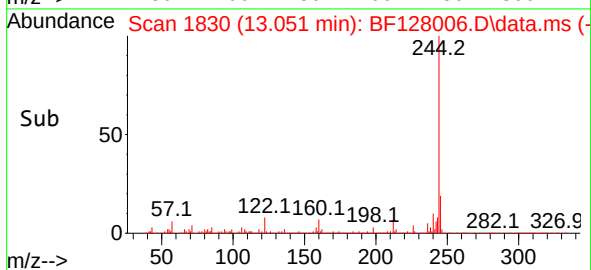
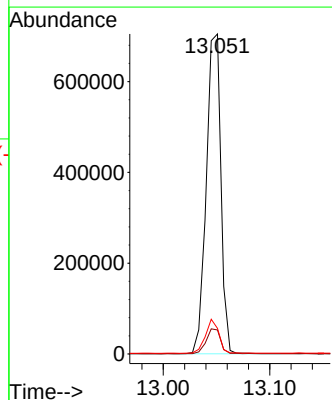
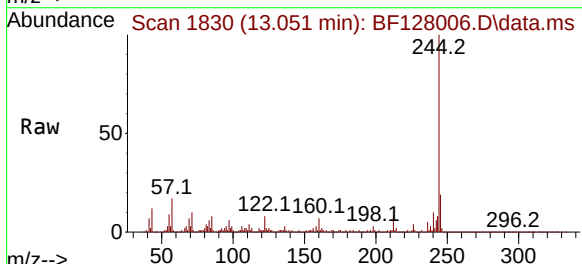
Instrument :
BNA_F
ClientSampleId :
WC-3

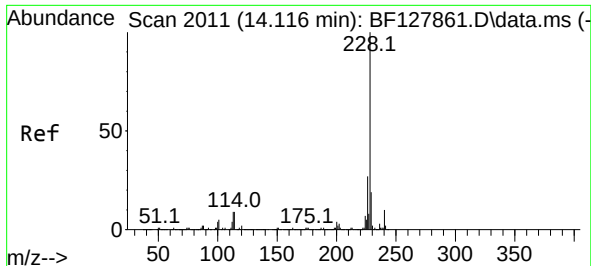
Tgt Ion:202 Resp: 142893
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 17.8 14.0 21.0



#79
Terphenyl-d14
Concen: 71.479 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:244 Resp: 673788
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.0 8.6 12.8#

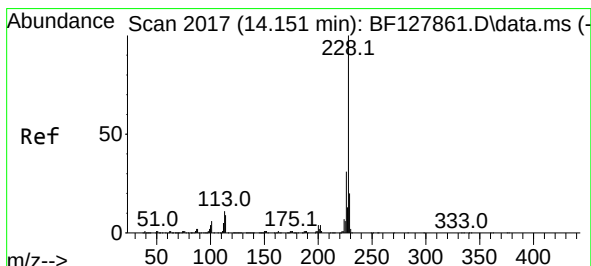
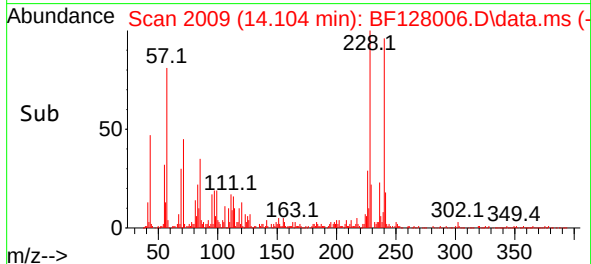
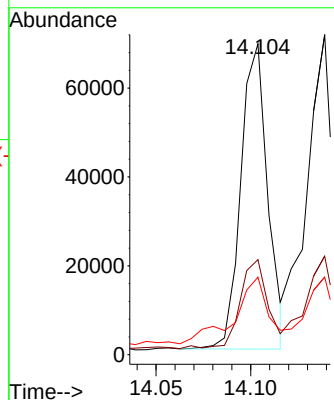
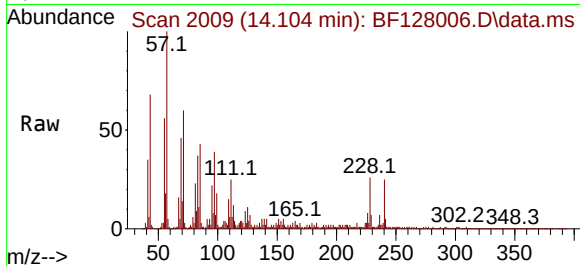




#81
Benzo(a)anthracene
Concen: 5.895 ng
RT: 14.104 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

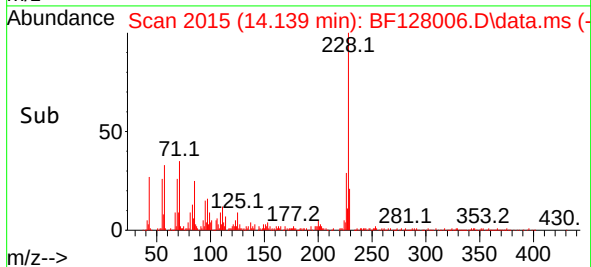
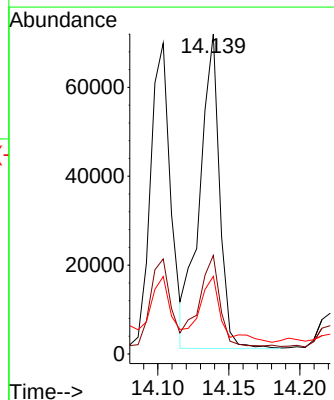
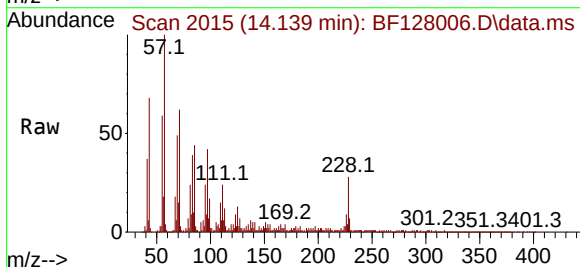
Instrument :
BNA_F
ClientSampleId :
WC-3

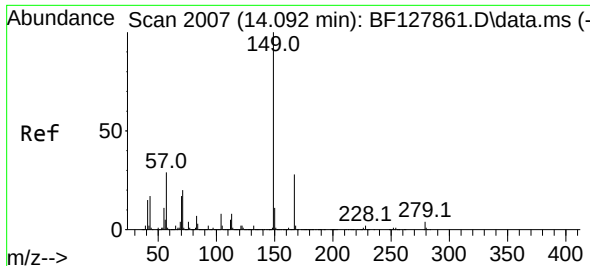
Tgt Ion:228 Resp: 67725
Ion Ratio Lower Upper
228 100
226 30.6 21.7 32.5
229 24.9 15.4 23.2#



#83
Chrysene
Concen: 6.335 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:228 Resp: 69506
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 24.2 15.8 23.8#

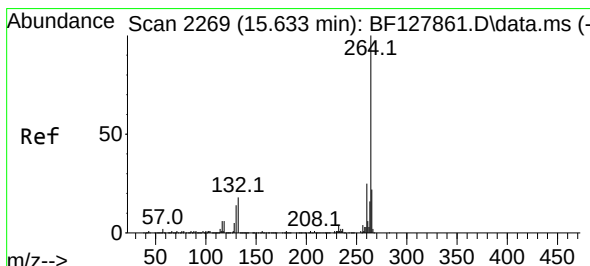
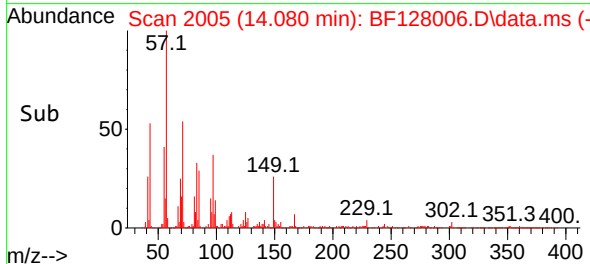
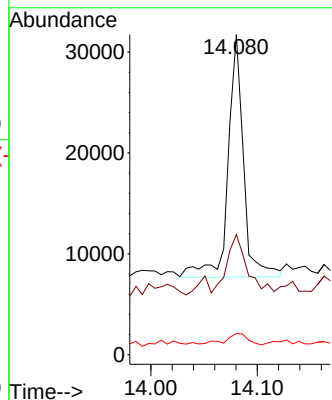
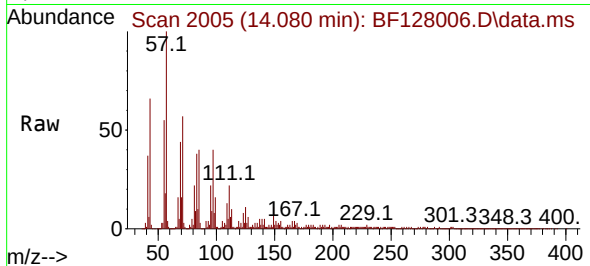




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.350 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

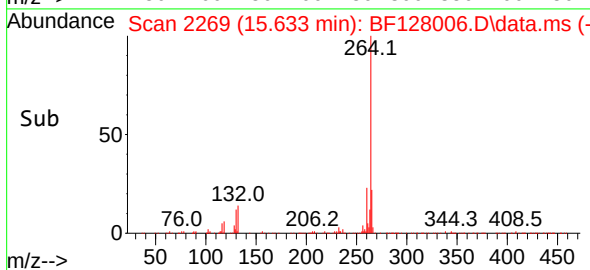
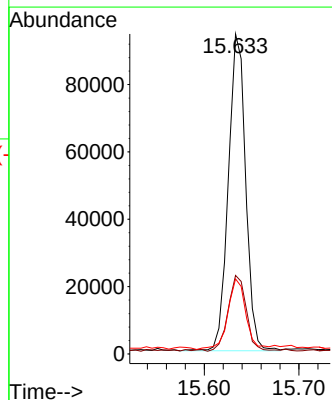
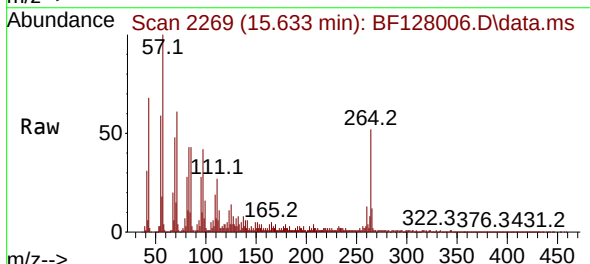
Instrument :
BNA_F
ClientSampleId :
WC-3

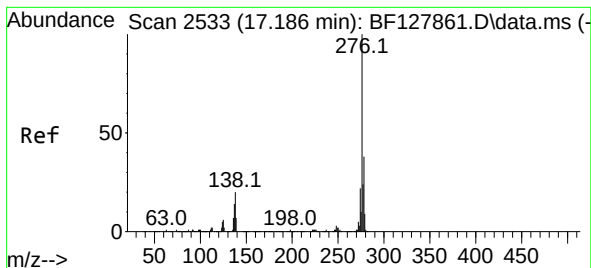
Tgt Ion:149 Resp: 24225
Ion Ratio Lower Upper
149 100
167 37.6 22.0 33.0#
279 6.6 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:264 Resp: 119826
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 23.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.617 ng

RT: 17.180 min Scan# 2192

Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

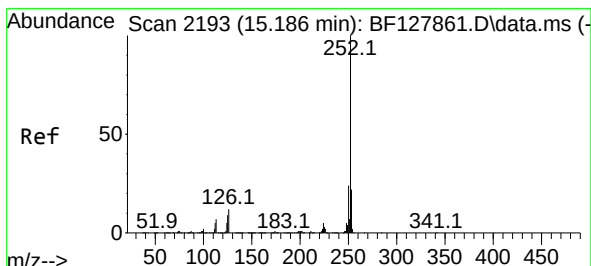
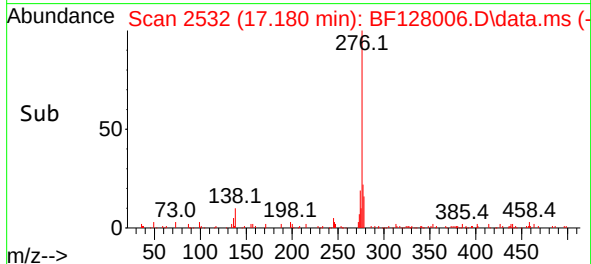
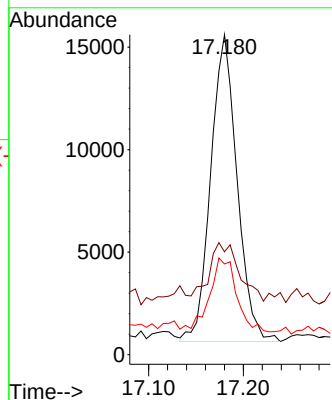
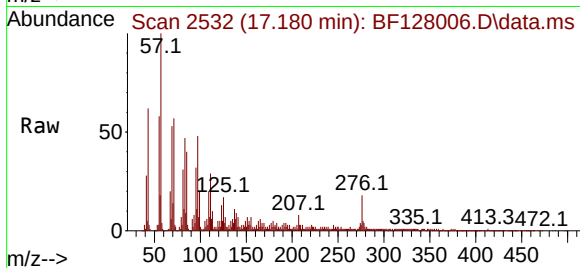
Tgt Ion:276 Resp: 28929

Ion Ratio Lower Upper

276 100

138 21.9 19.0 28.4

277 24.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 12.039 ng

RT: 15.180 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

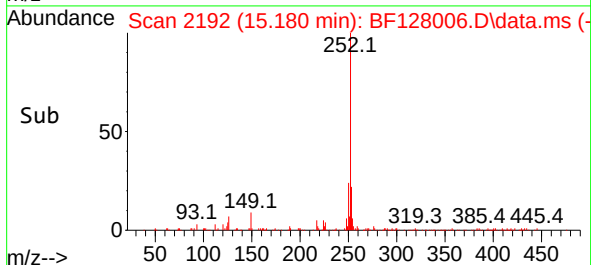
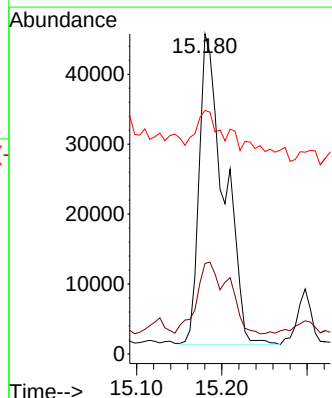
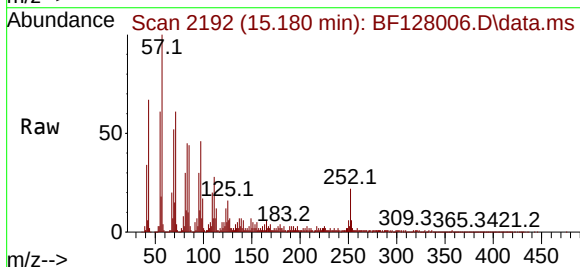
Tgt Ion:252 Resp: 90607

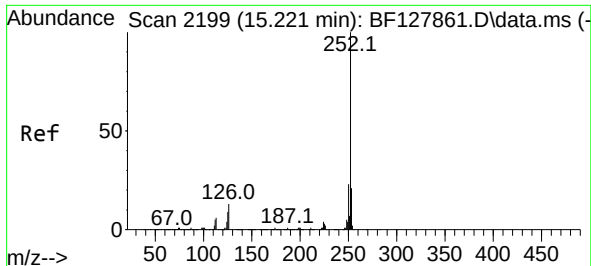
Ion Ratio Lower Upper

252 100

253 28.3 17.4 26.2#

125 76.1 7.4 11.2#

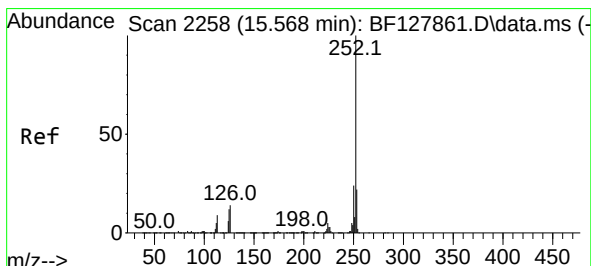
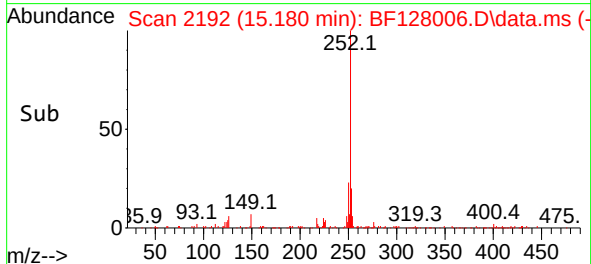
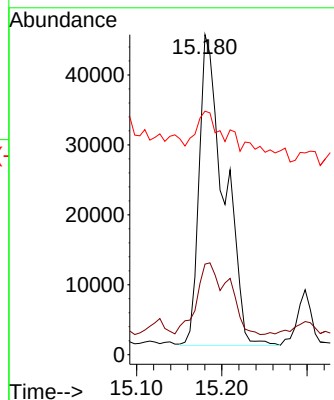
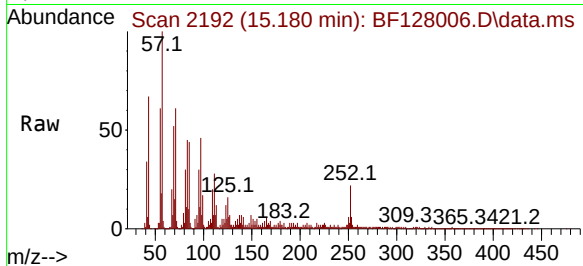




#89
Benzo(k)fluoranthene
Concen: 11.950 ng
RT: 15.180 min Scan# 2199
Delta R.T. -0.029 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

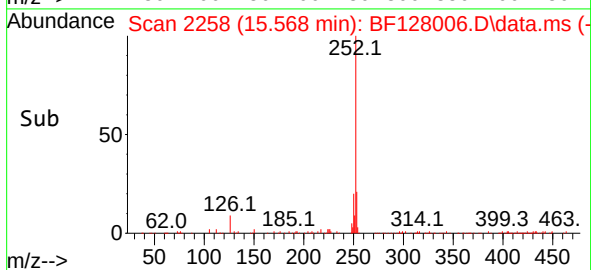
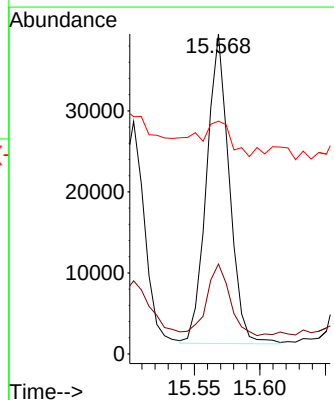
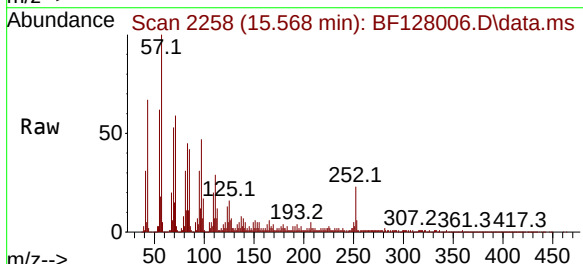
Instrument :
BNA_F
ClientSampleId :
WC-3

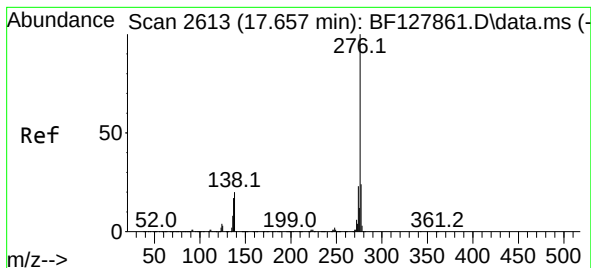
Tgt Ion:252 Resp: 90607
Ion Ratio Lower Upper
252 100
253 28.3 17.0 25.4#
125 76.1 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 7.361 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:252 Resp: 45955
Ion Ratio Lower Upper
252 100
253 28.1 17.8 26.6#
125 72.8 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 4.328 ng

RT: 17.651 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF128006.D

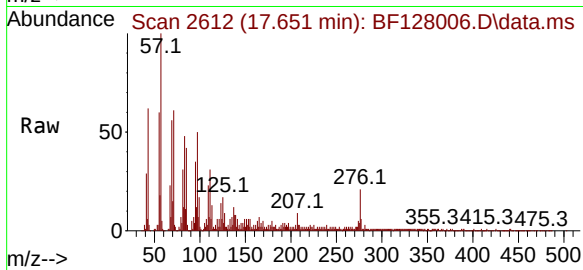
Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3



Tgt Ion:276 Resp: 29259

Ion Ratio Lower Upper

276 100

277 29.0 18.8 28.2#

138 37.1 16.2 24.2#

