

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF121993.D
 Acq On : 15 Oct 2020 16:15
 Operator : JU/CG
 Sample : L4407-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-062-A

Quant Time: Oct 15 17:52:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

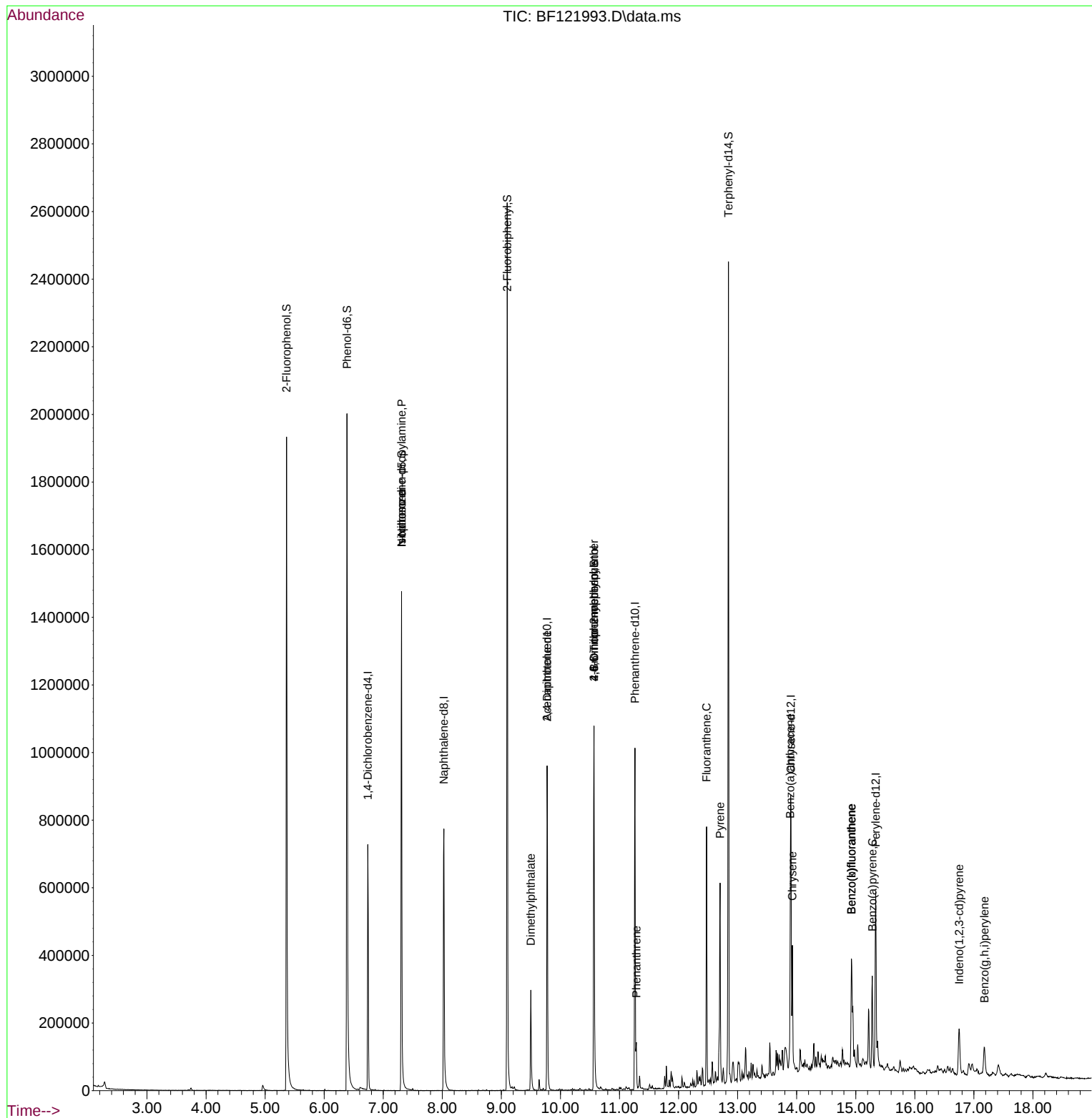
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	101465	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	397505	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	204750	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	368911	20.00	ng	0.00
76) Chrysene-d12	13.904	240	221275	20.00	ng	0.00
86) Perylene-d12	15.339	264	217695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	559927	81.45	ng	0.00
7) Phenol-d6	6.387	99	717702	81.10	ng	0.00
23) Nitrobenzene-d5	7.310	82	480790	62.03	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	149708	59.11	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	837604	60.19	ng	0.00
79) Terphenyl-d14	12.845	244	705326	60.75	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	923	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	65147	12.93	ng	# 79
25) Isophorone	7.310	82	480787	32.80	ng	# 67
50) Dimethylphthalate	9.498	163	139891	9.34	ng	100
57) 2,4-Dinitrotoluene	9.775	165	25142	6.22	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.569	198	122	4.48	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	8791	2.06	ng	# 1
71) Phenanthrene	11.286	178	48228	2.38	ng	99
75) Fluoranthene	12.474	202	275006	12.68	ng	98
78) Pyrene	12.704	202	231898	13.75	ng	98
81) Benzo(a)anthracene	13.892	228	158900	10.96	ng	97
83) Chrysene	13.927	228	127174	8.93	ng	98
87) Indeno(1,2,3-cd)pyrene	16.751	276	81332	5.75	ng	94
88) Benzo(b)fluoranthene	14.927	252	221102	15.03	ng	# 98
89) Benzo(k)fluoranthene	14.927	252	221102	15.82	ng	# 97
90) Benzo(a)pyrene	15.280	252	121453	9.56	ng	100
92) Benzo(g,h,i)perylene	17.180	276	66189	5.68	ng	96

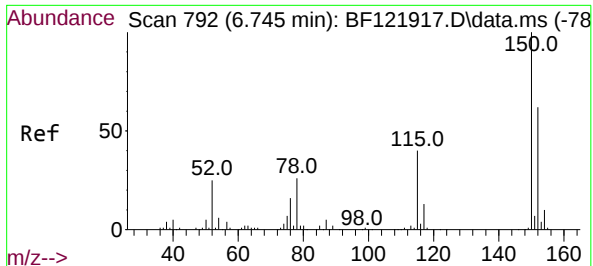
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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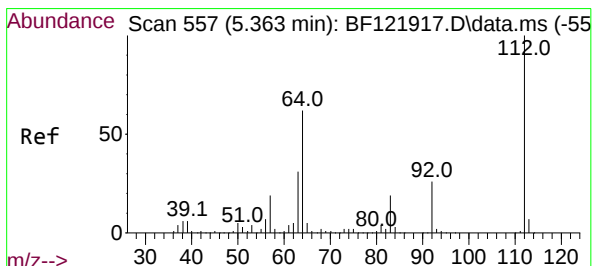
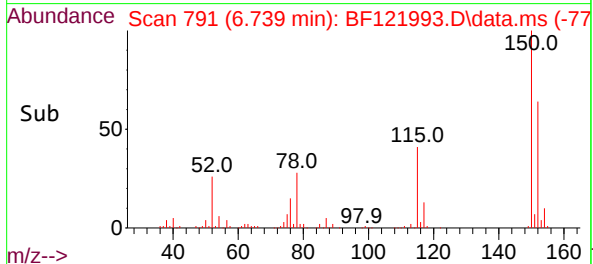
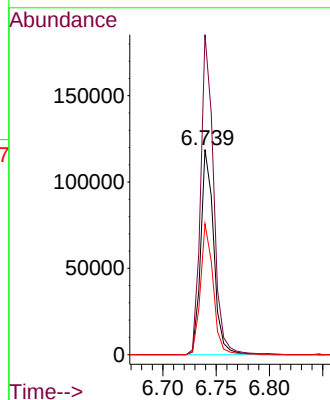
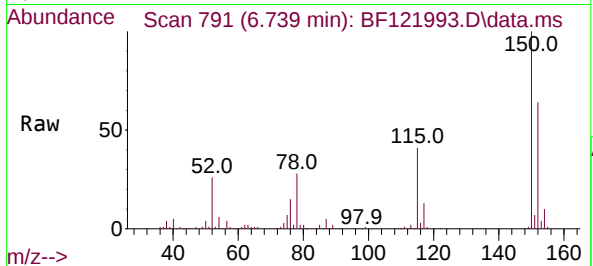




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

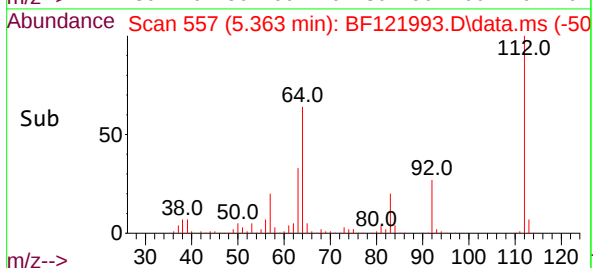
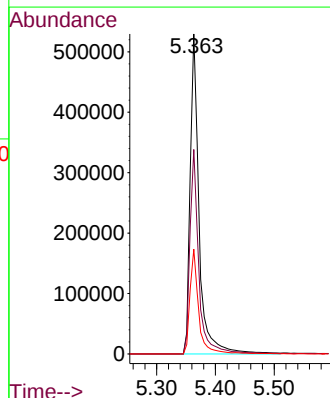
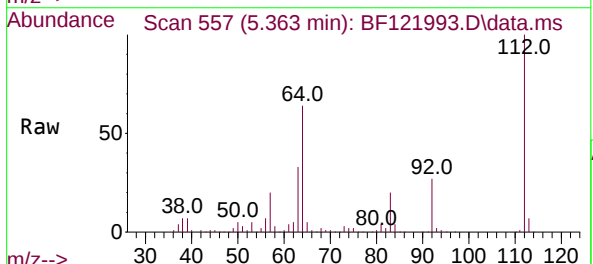
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

Tgt Ion:152 Resp: 101465
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 63.9 51.9 77.9



#5
2-Fluorophenol
Concen: 81.45 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:112 Resp: 559927
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 32.8 25.8 38.6

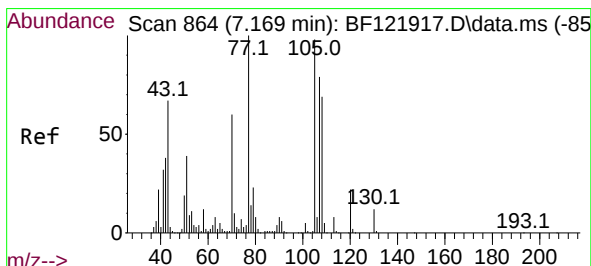
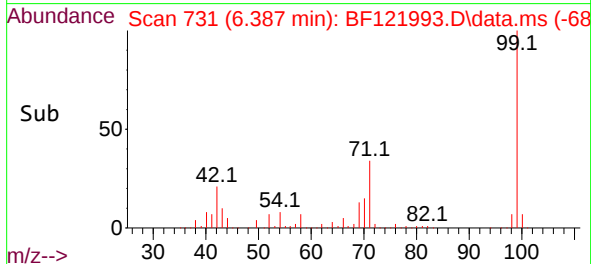
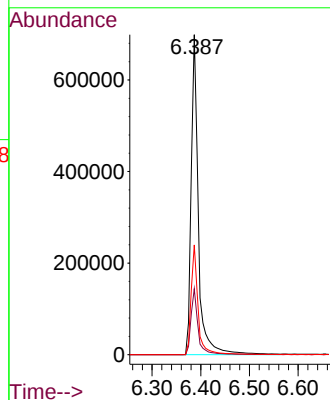
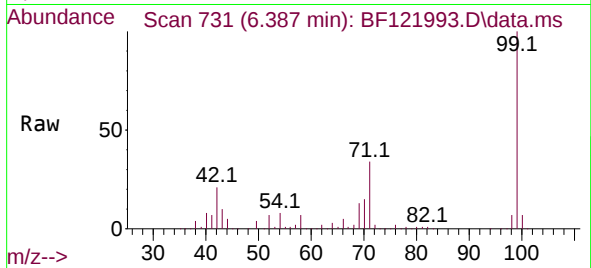




#7
Phenol-d6
Concen: 81.10 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

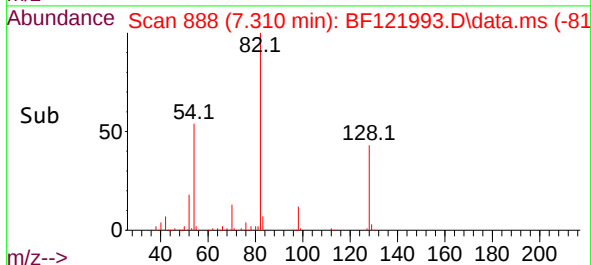
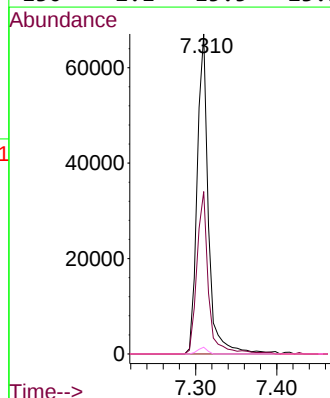
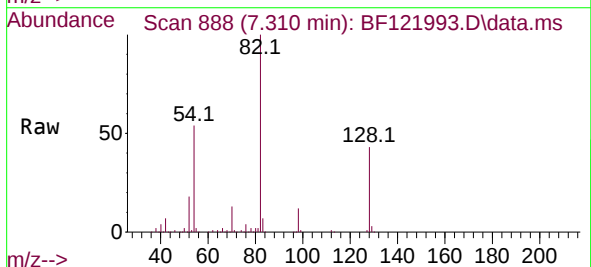
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

Tgt Ion: 99 Resp: 717702
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

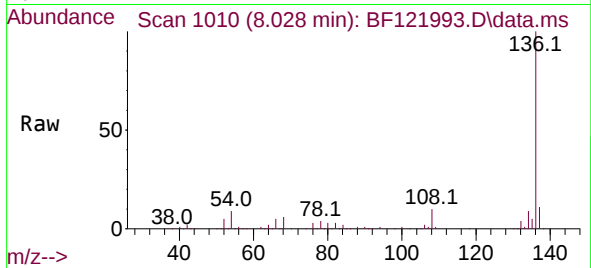
Tgt Ion: 70 Resp: 65147
Ion Ratio Lower Upper
70 100
42 50.8 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#





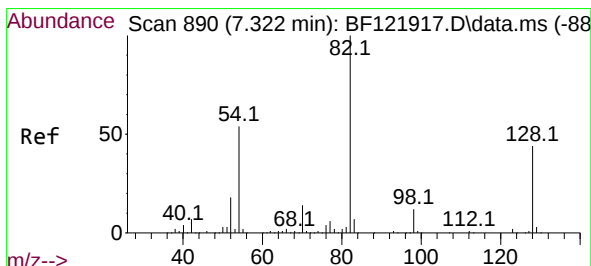
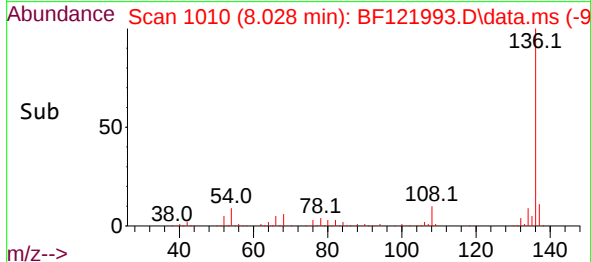
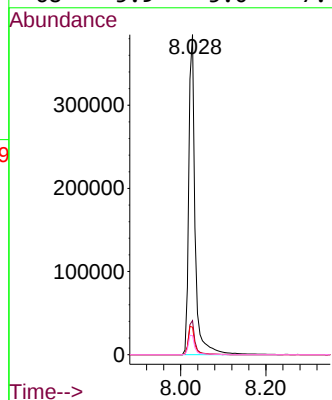
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A



Tgt Ion:136 Resp: 397505

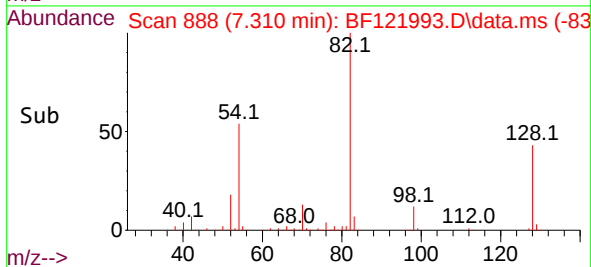
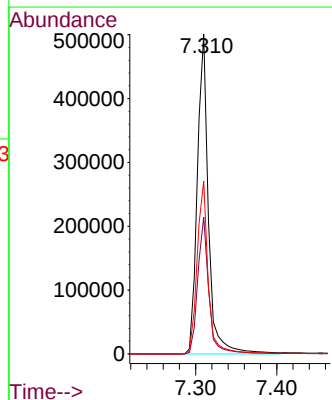
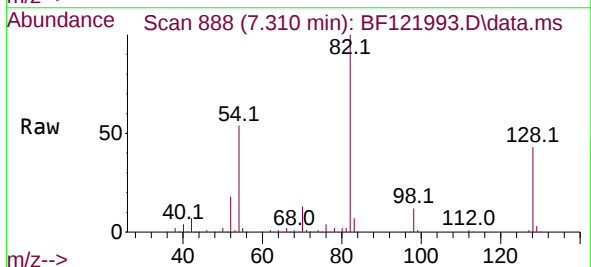
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	7.1	10.7
68	5.9	5.0	7.4

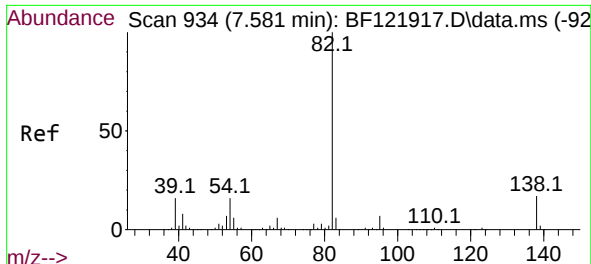


#23
Nitrobenzene-d5
Concen: 62.03 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion: 82 Resp: 480790

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	54.0	43.9	65.9

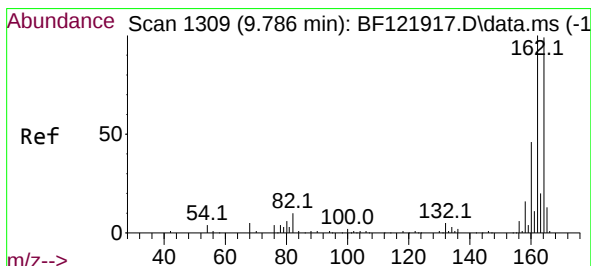
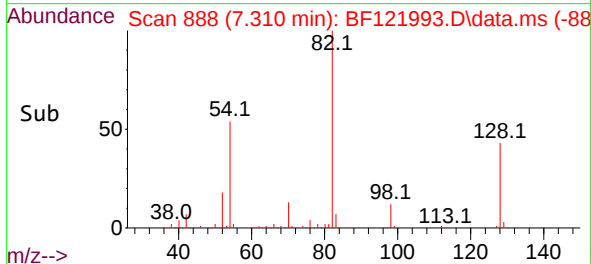
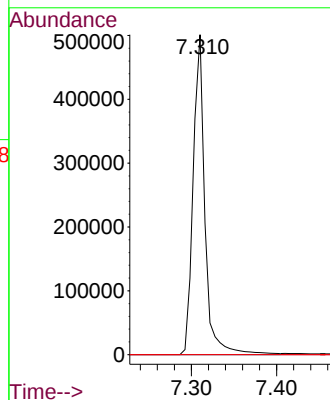
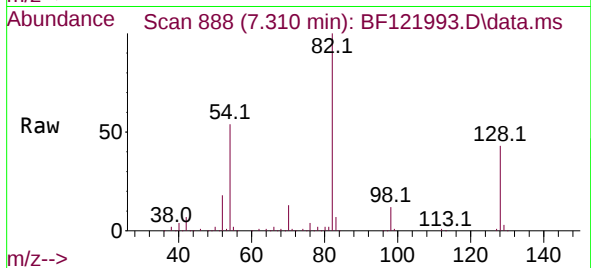




#25
Isophorone
Concen: 32.80 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

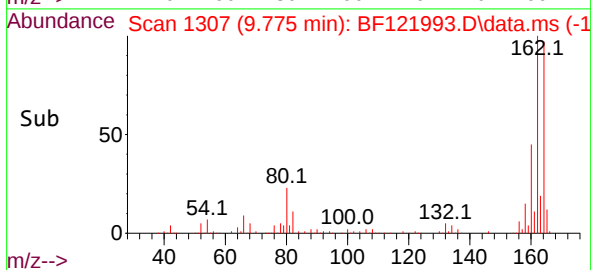
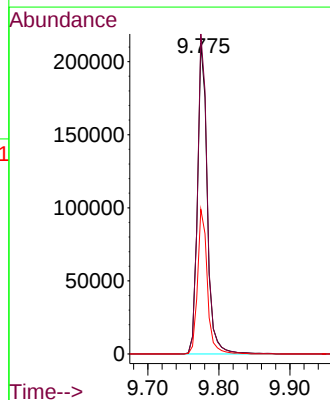
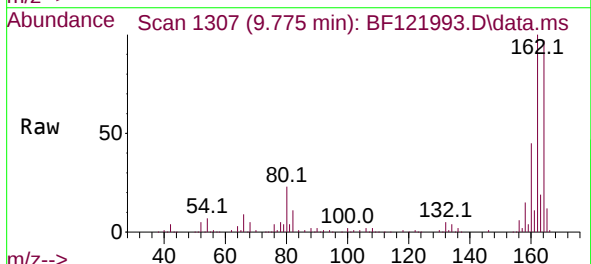
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

Tgt Ion: 82 Resp: 480787
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:164 Resp: 204750
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 46.6 37.5 56.3

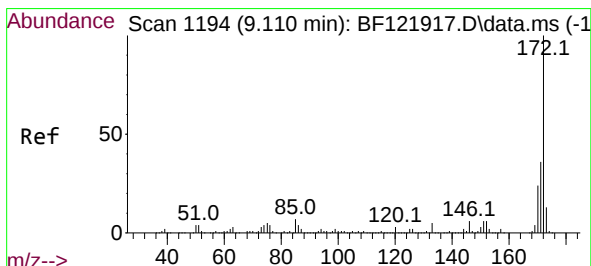
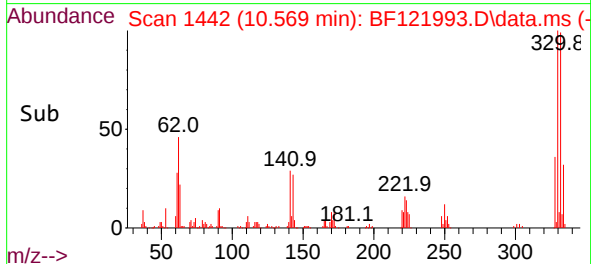
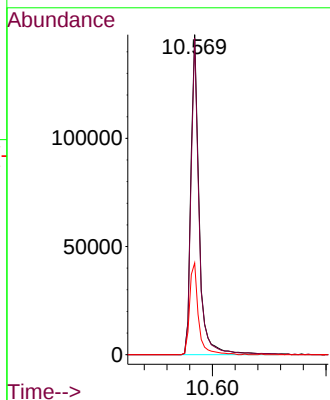
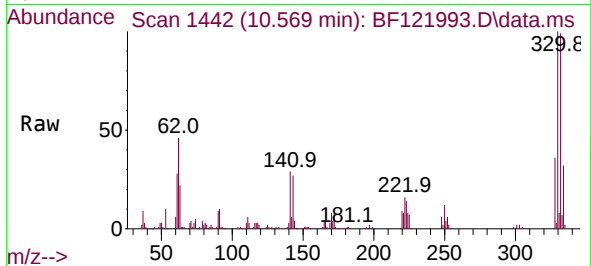




#42
2,4,6-Tribromophenol
Concen: 59.11 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

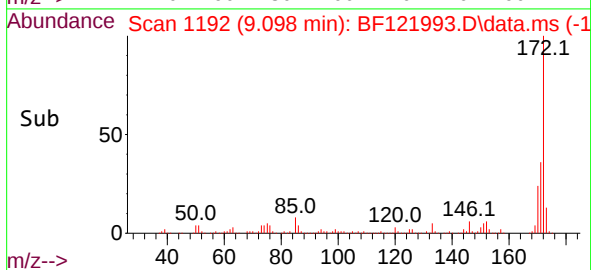
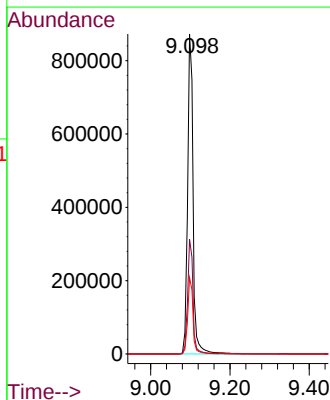
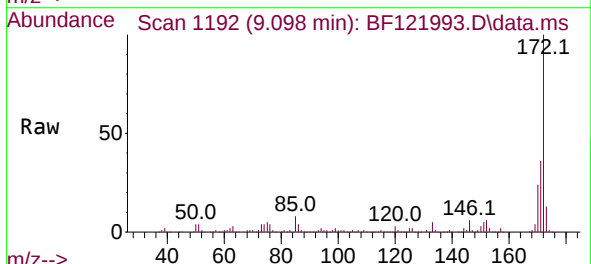
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ClientSampleId :
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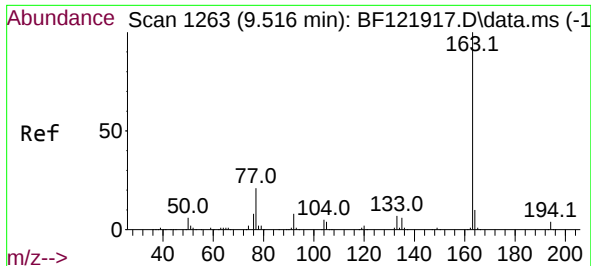
Tgt Ion:330 Resp: 149708
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 60.19 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:172 Resp: 837604
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6

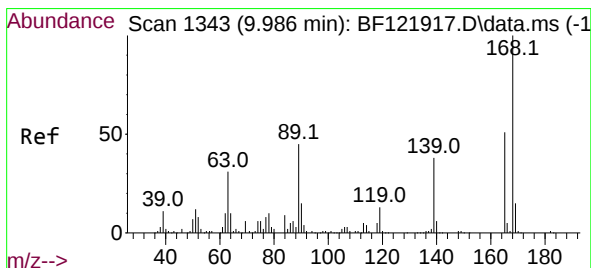
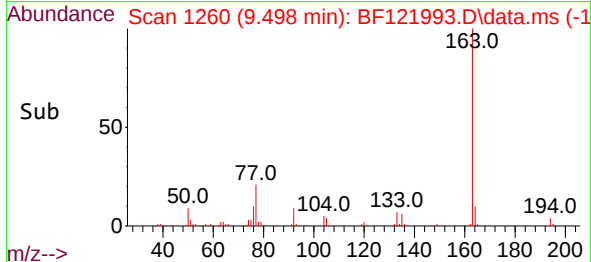
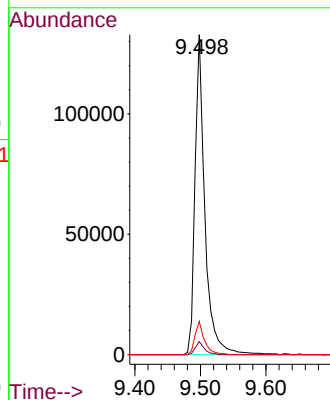
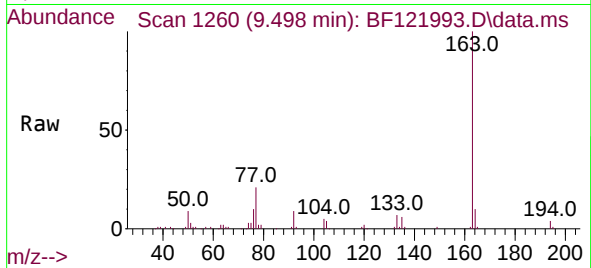




#50
Dimethylphthalate
Concen: 9.34 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

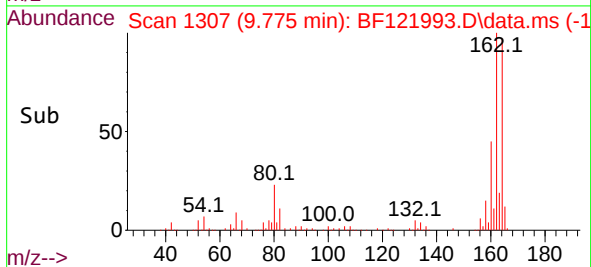
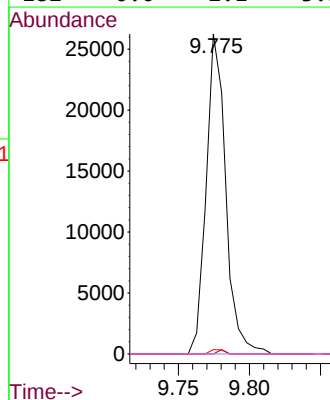
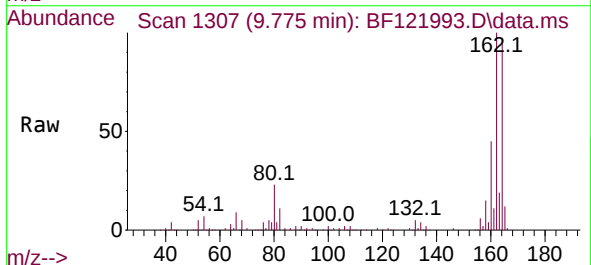
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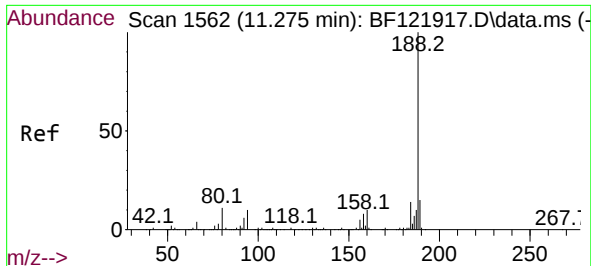
Tgt Ion:163 Resp: 139891
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:165 Resp: 25142
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

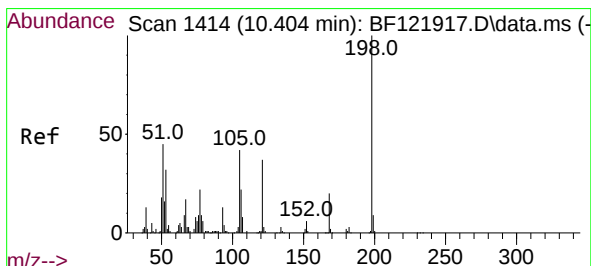
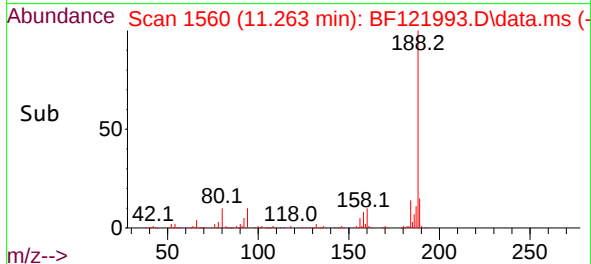
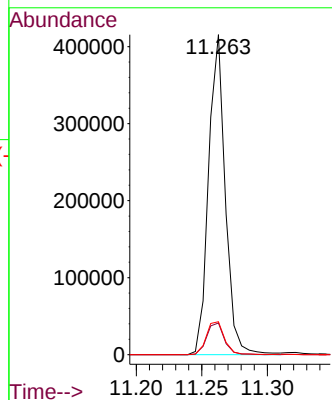
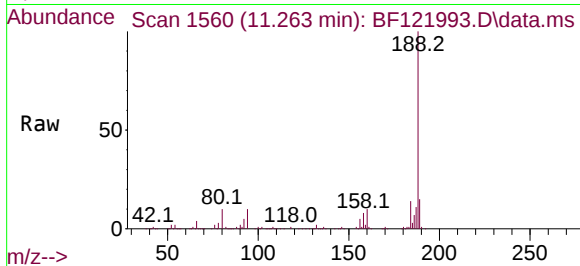




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

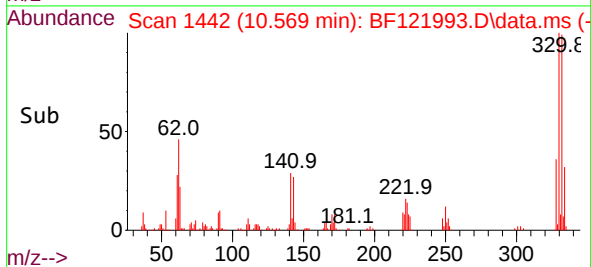
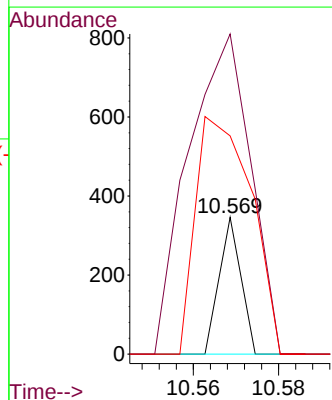
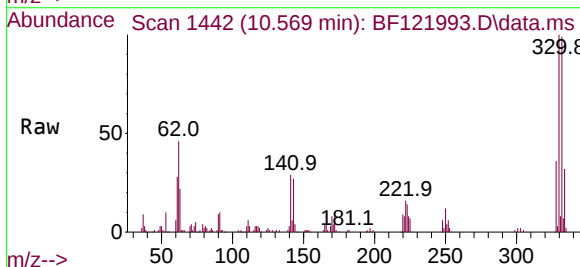
Instrument :
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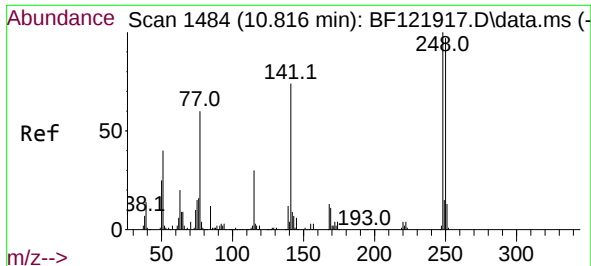
Tgt Ion:188 Resp: 368911
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.48 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 234.1 29.6 69.6#
105 159.5 24.4 64.4#

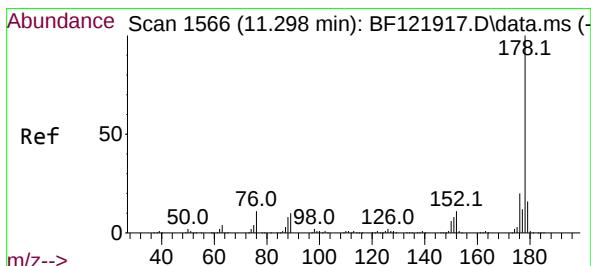
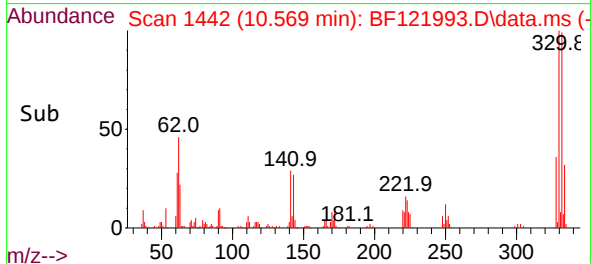
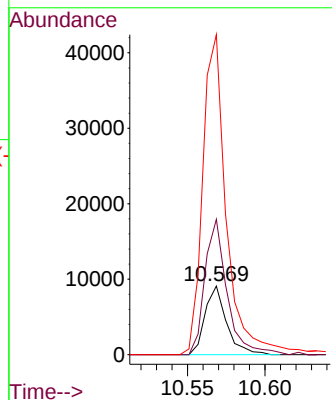
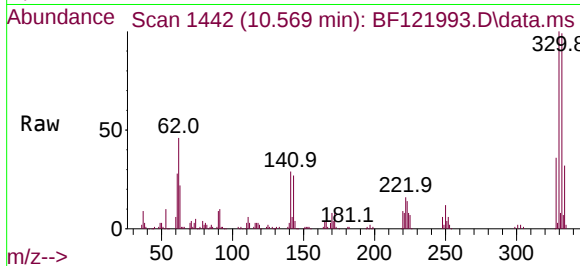




#67
4-Bromophenyl-phenylether
Concen: 2.06 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

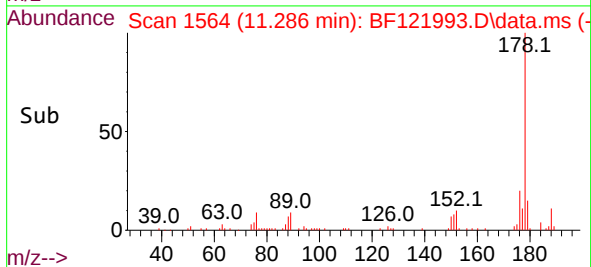
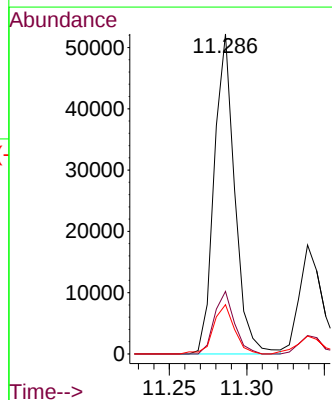
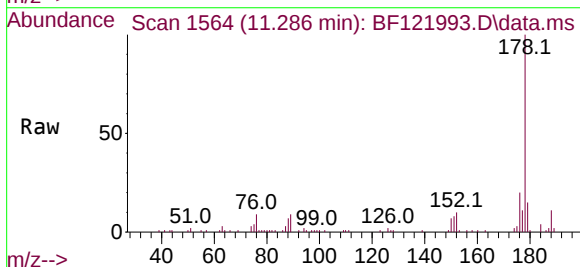
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

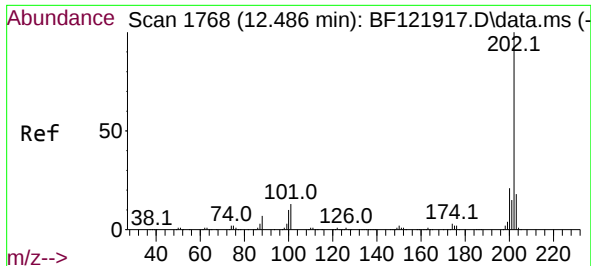
Tgt Ion:248 Resp: 8791
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 466.7 53.7 80.5#



#71
Phenanthrene
Concen: 2.38 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:178 Resp: 48228
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.4 12.2 18.4

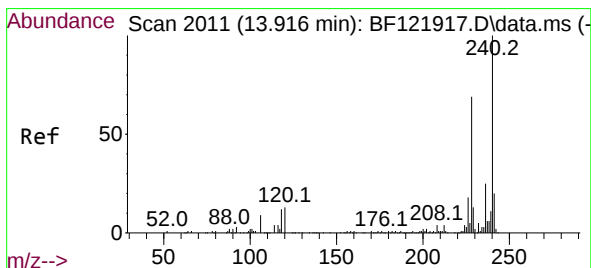
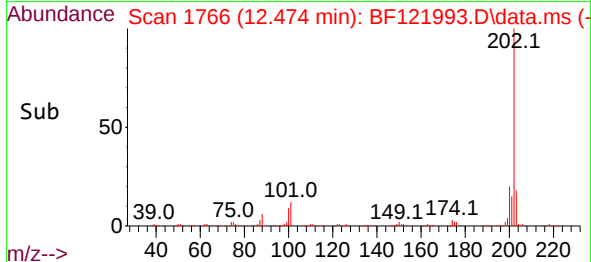
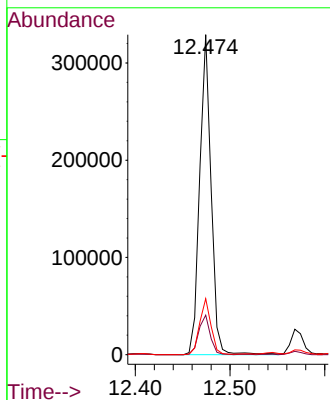
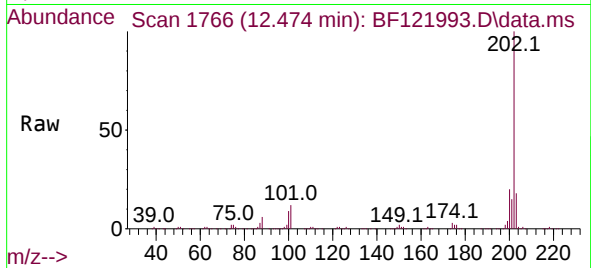




#75
Fluoranthene
Concen: 12.68 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

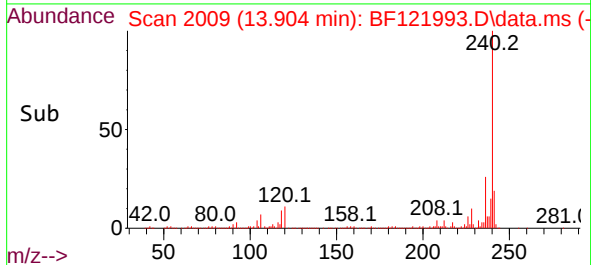
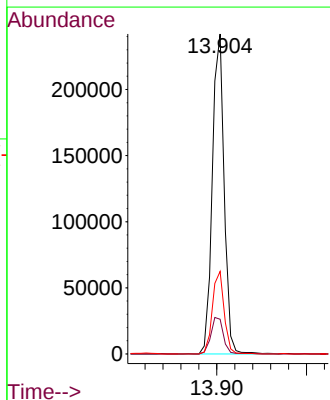
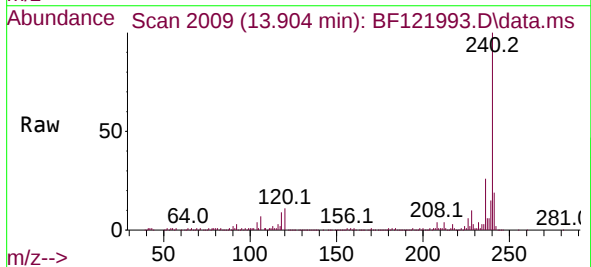
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

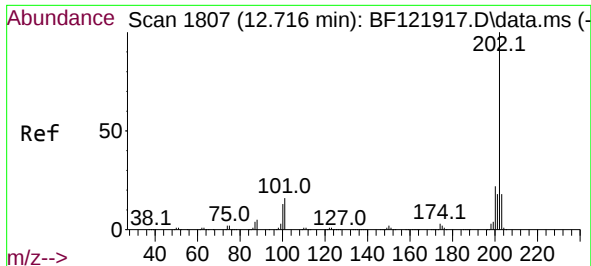
Tgt Ion:202	Resp:	275006
Ion Ratio	Lower	Upper
202	100	
101	12.3	0.0 33.4
203	17.5	0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:240	Resp:	221275
Ion Ratio	Lower	Upper
240	100	
120	10.8	9.2 13.8
236	25.8	20.9 31.3

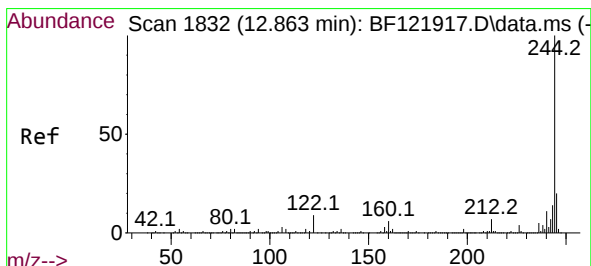
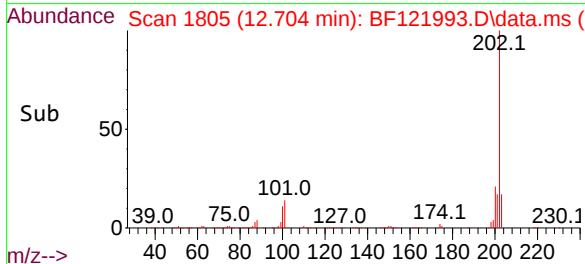
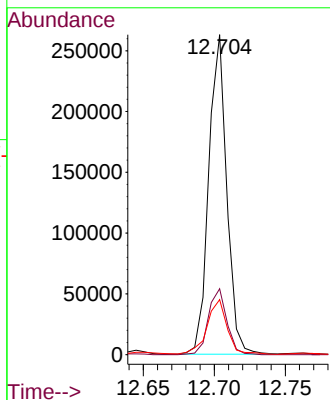
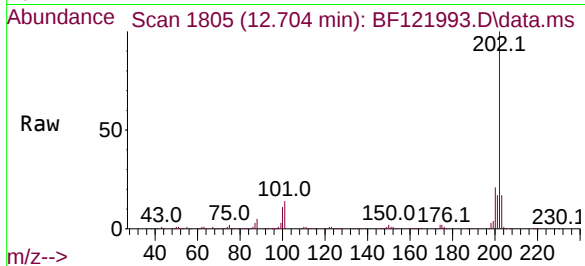




#78
Pyrene
Concen: 13.75 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

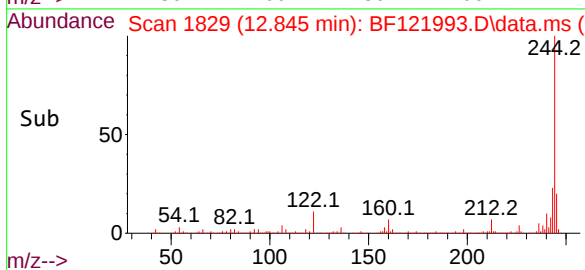
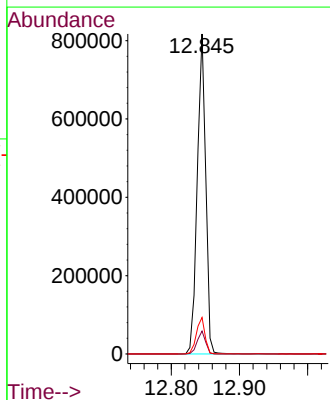
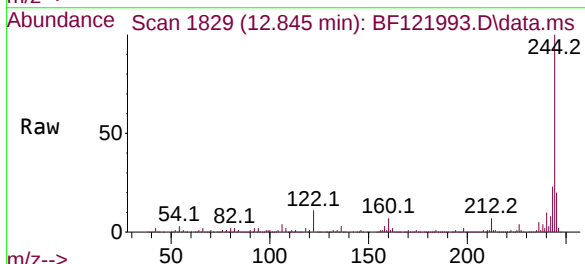
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

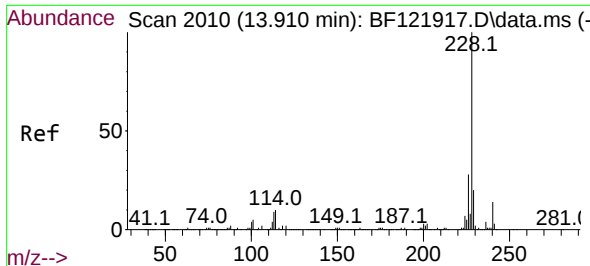
Tgt Ion:202 Resp: 231898
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 60.75 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:244 Resp: 705326
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.4 8.1 12.1

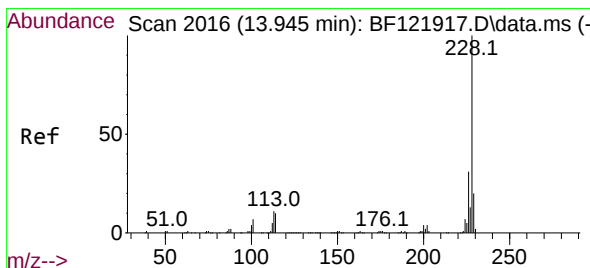
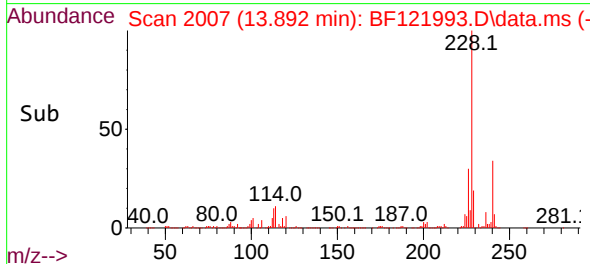
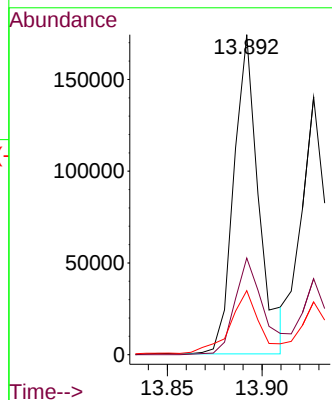
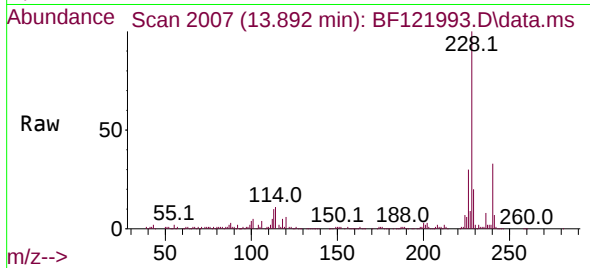




#81
Benzo(a)anthracene
Concen: 10.96 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

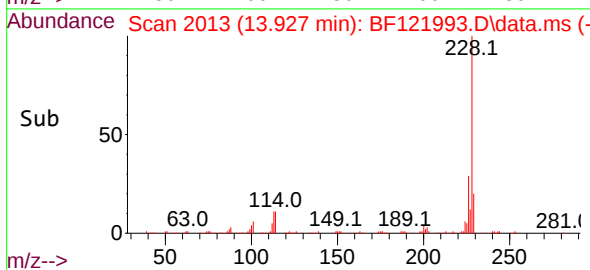
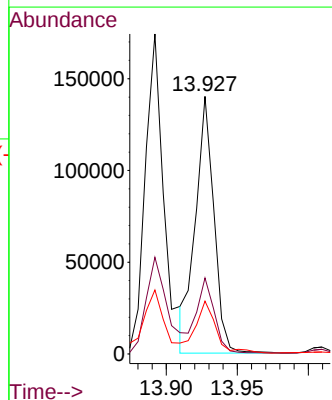
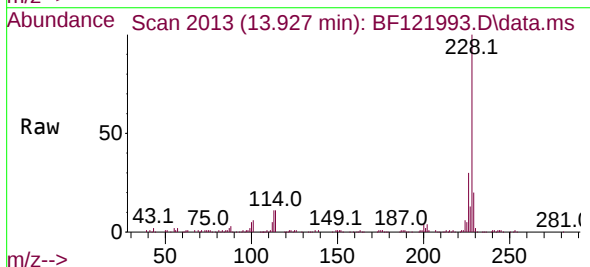
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

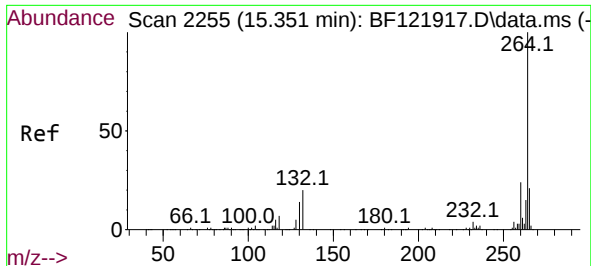
Tgt Ion:228 Resp: 158900
Ion Ratio Lower Upper
228 100
226 30.2 22.3 33.5
229 20.0 16.2 24.4



#83
Chrysene
Concen: 8.93 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

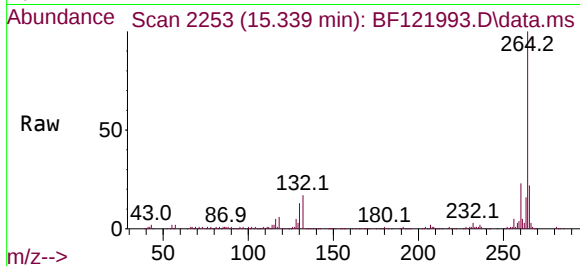
Tgt Ion:228 Resp: 127174
Ion Ratio Lower Upper
228 100
226 29.5 24.6 37.0
229 20.5 15.9 23.9



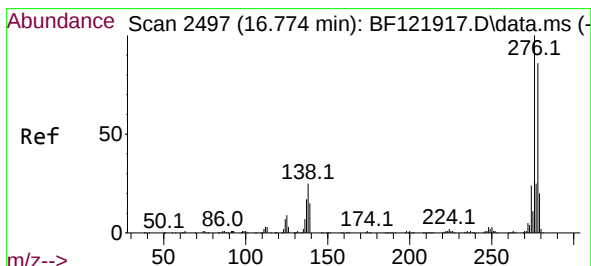
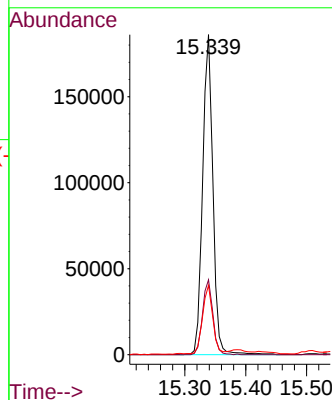
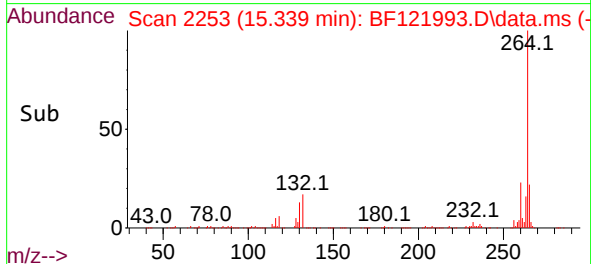


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

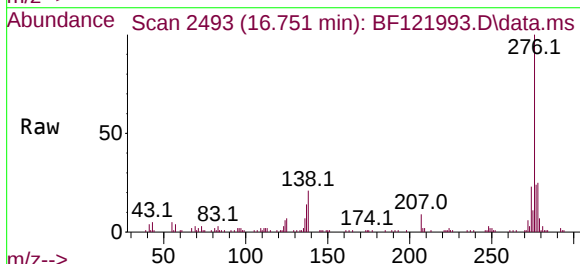
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A



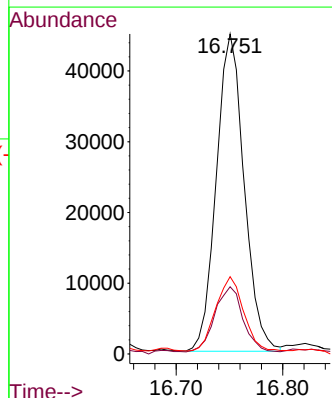
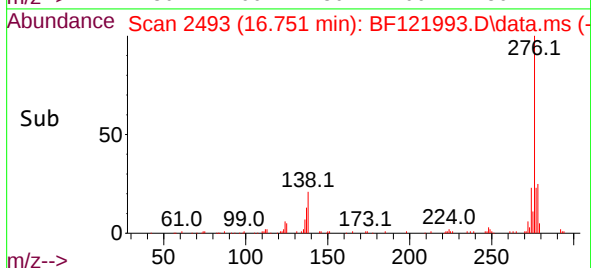
Tgt Ion:264 Resp: 217695
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.6 17.3 25.9

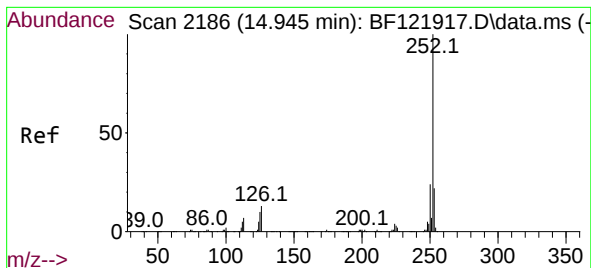


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.75 ng
RT: 16.751 min Scan# 2493
Delta R.T. -0.012 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15



Tgt Ion:276 Resp: 81332
Ion Ratio Lower Upper
276 100
138 21.2 19.9 29.9
277 23.2 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 15.03 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF121993.D

Acq: 15 Oct 2020 16:15

Tgt Ion:252 Resp: 221102

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

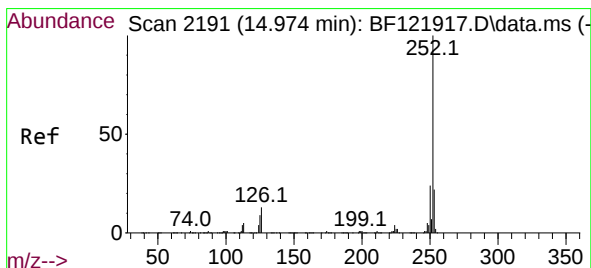
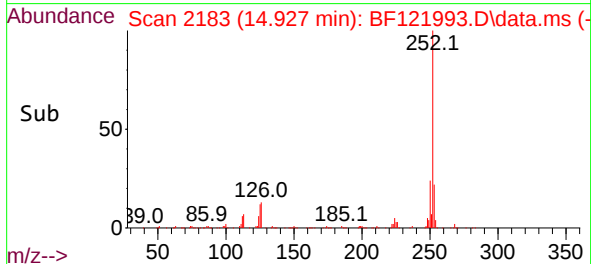
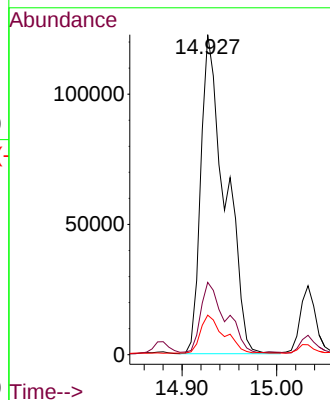
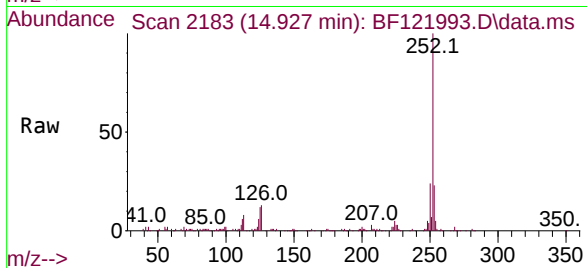
125 12.3 8.0 12.0#

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-062-A



#89

Benzo(k)fluoranthene

Concen: 15.82 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.035 min

Lab File: BF121993.D

Acq: 15 Oct 2020 16:15

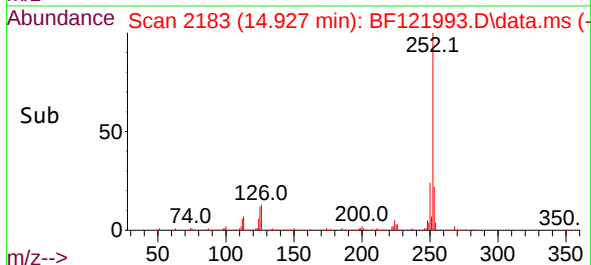
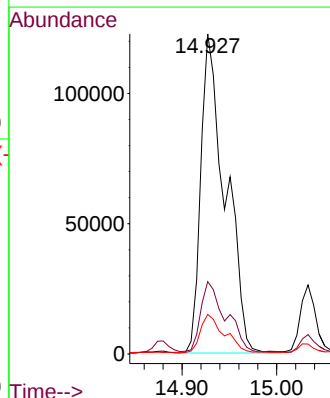
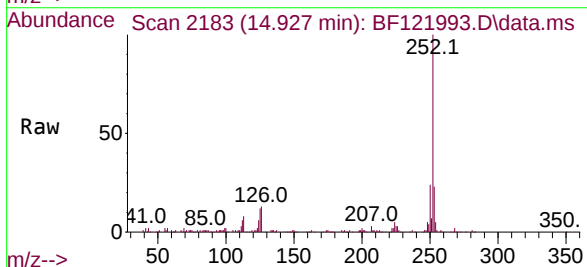
Tgt Ion:252 Resp: 221102

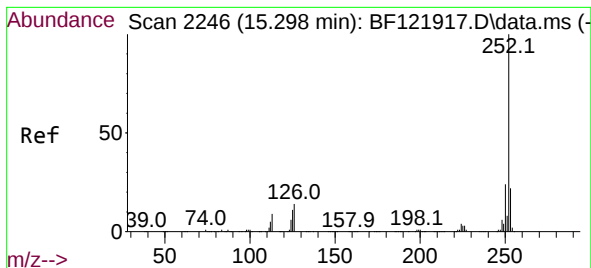
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 12.3 7.7 11.5#

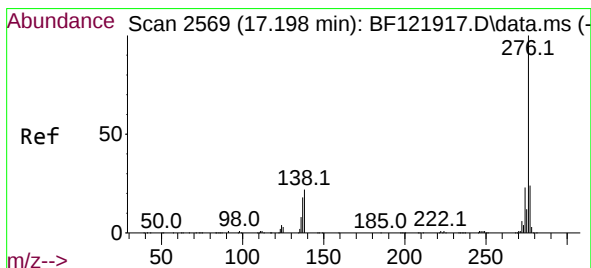
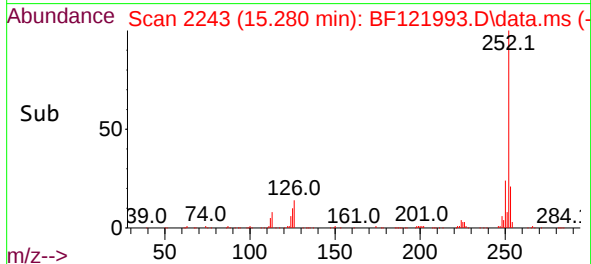
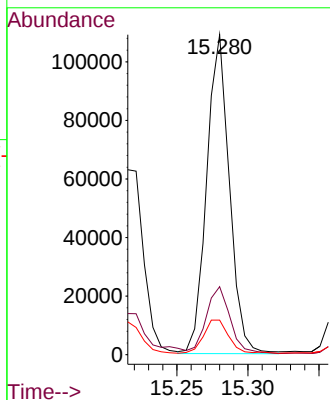
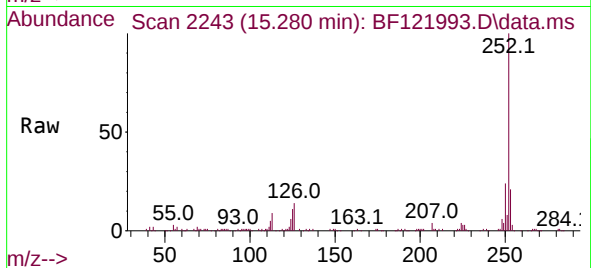




#90
Benzo(a)pyrene
Concen: 9.56 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-062-A

Tgt Ion:252 Resp: 121453
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 10.8 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 5.68 ng
RT: 17.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BF121993.D
Acq: 15 Oct 2020 16:15

Tgt Ion:276 Resp: 66189
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.2
138 19.3 17.8 26.6

