

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF122003.D
 Acq On : 15 Oct 2020 21:22
 Operator : JU/CG
 Sample : L4227-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-101420

Quant Time: Oct 16 01:09:23 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)

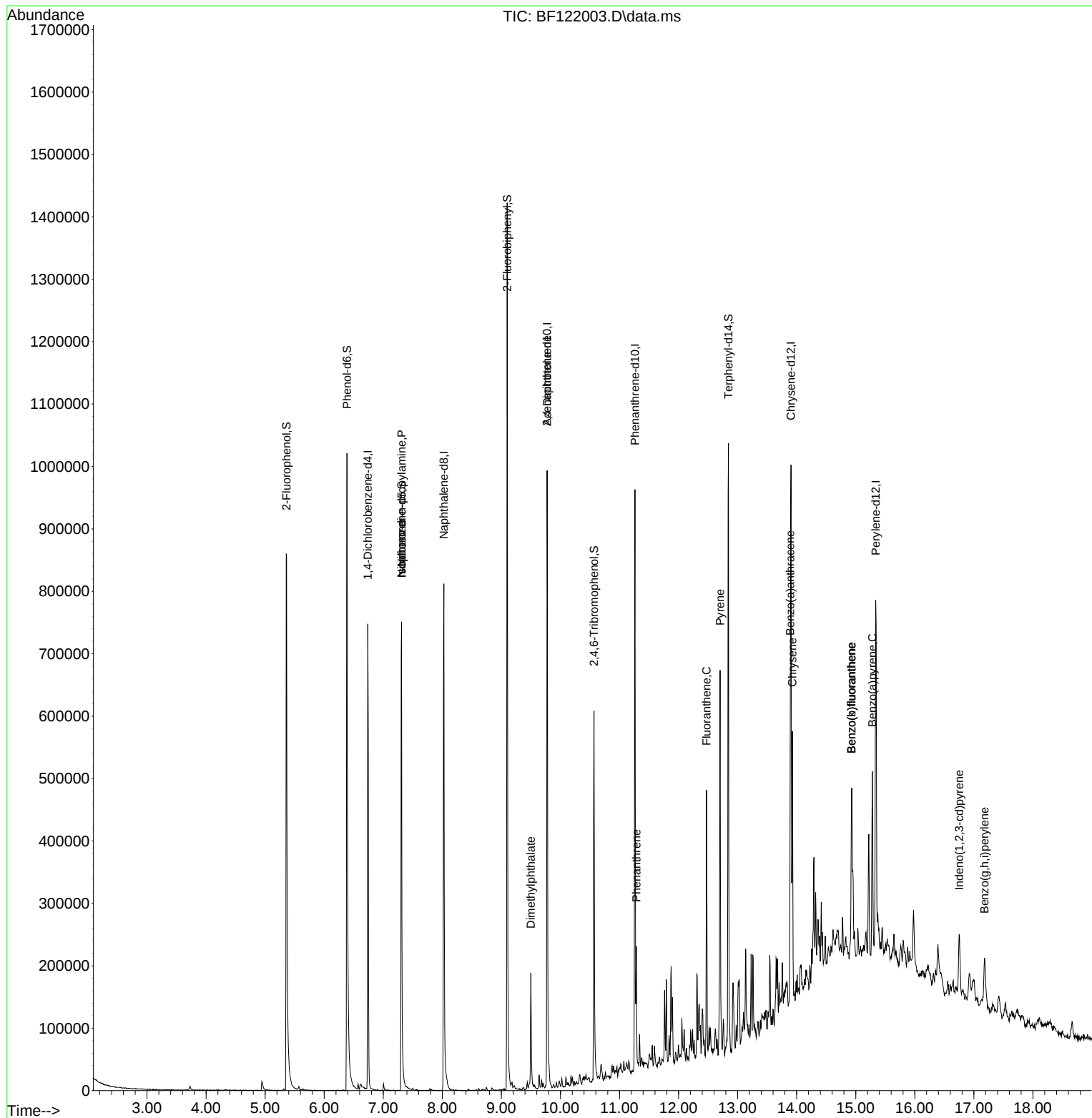
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	108836	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	425568	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	206473	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	324504	20.00	ng	0.00
76) Chrysene-d12	13.904	240	257321	20.00	ng	0.00
86) Perylene-d12	15.339	264	246312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	327821	44.46	ng	0.00
7) Phenol-d6	6.387	99	425191	44.79	ng	0.00
23) Nitrobenzene-d5	7.310	82	279297	33.66	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	80292	31.44	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	446647	31.83	ng	0.00
79) Terphenyl-d14	12.845	244	299774	22.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	487	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	36143	6.69 ng	#	77
25) Isophorone	7.310	82	279294	17.80 ng	#	67
50) Dimethylphthalate	9.498	163	84915	5.62 ng		98
57) 2,4-Dinitrotoluene	9.775	165	27024	6.63 ng	#	20
71) Phenanthrene	11.286	178	67773	3.81 ng		99
75) Fluoranthene	12.474	202	136054	7.13 ng		98
78) Pyrene	12.704	202	232189	11.84 ng		100
81) Benzo(a)anthracene	13.892	228	141934	8.42 ng		100
83) Chrysene	13.927	228	148060	8.94 ng		99
87) Indeno(1,2,3-cd)pyrene	16.751	276	54816	3.43 ng		98
88) Benzo(b)fluoranthene	14.927	252	193556	11.63 ng	#	98
89) Benzo(k)fluoranthene	14.927	252	193556	12.24 ng	#	98
90) Benzo(a)pyrene	15.280	252	127181	8.84 ng		99
92) Benzo(g,h,i)perylene	17.180	276	58519	4.44 ng		98

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

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Misc :
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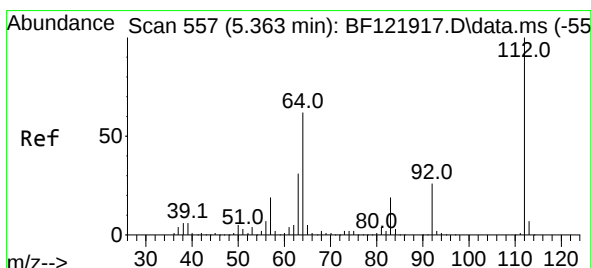
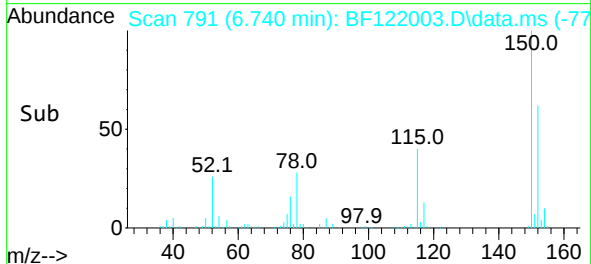
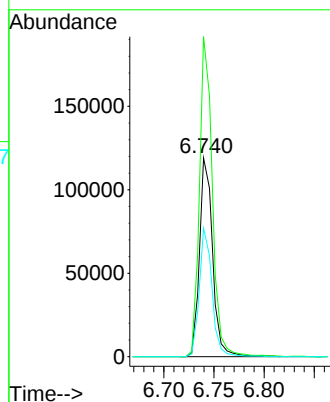
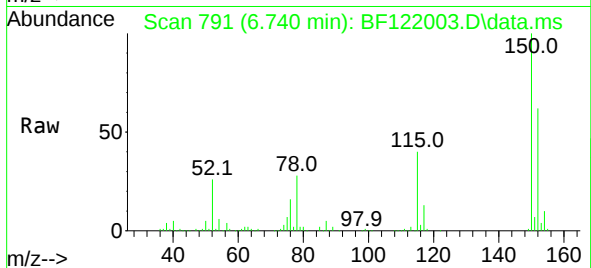




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

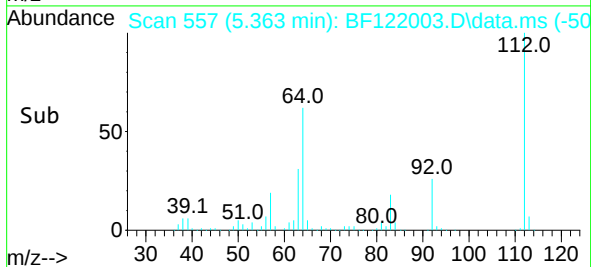
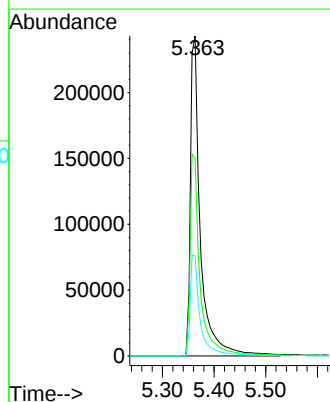
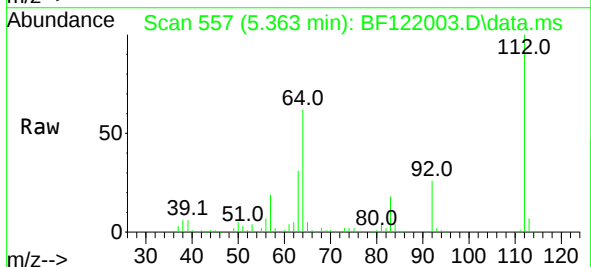
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

Tgt Ion:152 Resp: 108836
Ion Ratio Lower Upper
152 100
150 161.0 125.3 187.9
115 64.7 51.9 77.9



#5
2-Fluorophenol
Concen: 44.46 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:112 Resp: 327821
Ion Ratio Lower Upper
112 100
64 61.7 50.4 75.6
63 31.4 25.8 38.6

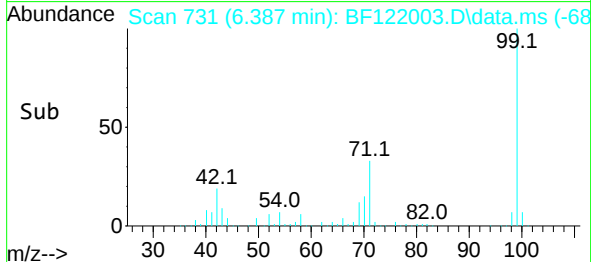
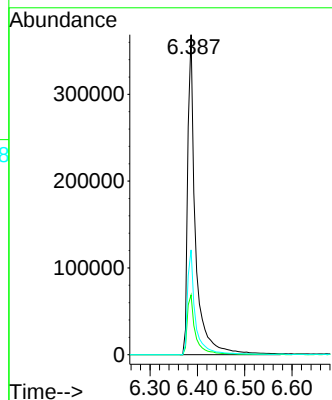
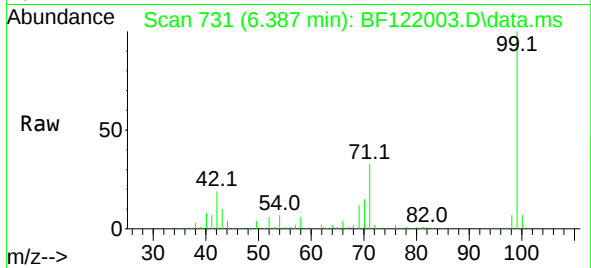




#7
Phenol-d6
Concen: 44.79 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

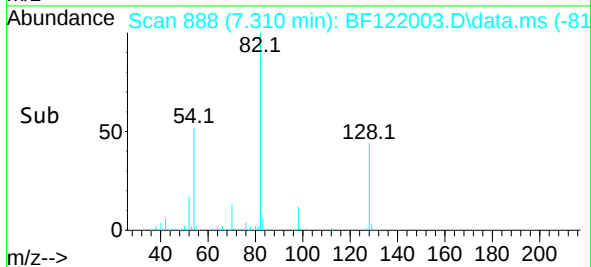
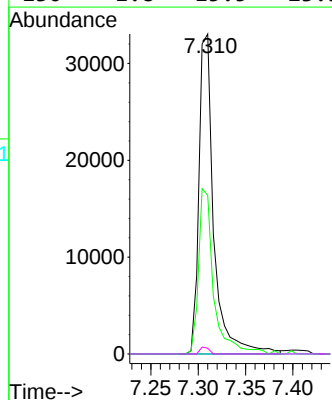
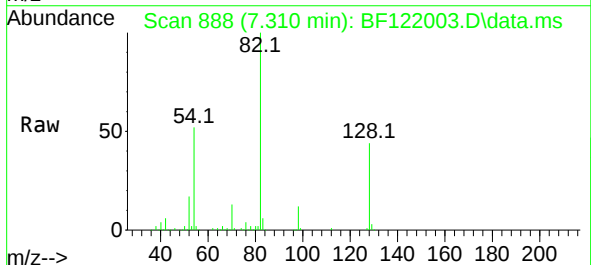
Instrument :
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ClientSampleId :
BU-01-101420

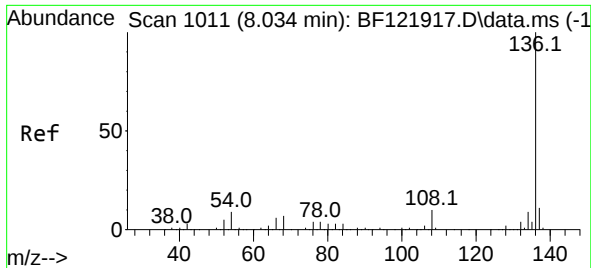
Tgt Ion: 99 Resp: 425191
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 32.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.69 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

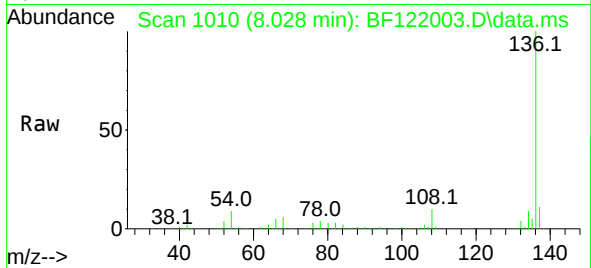
Tgt Ion: 70 Resp: 36143
Ion Ratio Lower Upper
70 100
42 49.6 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



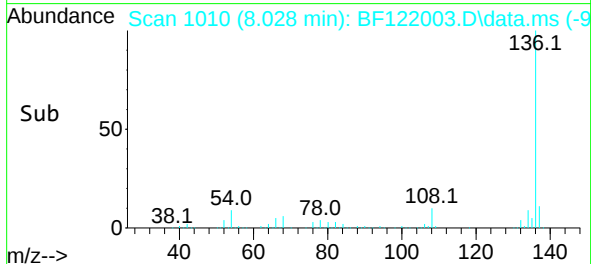
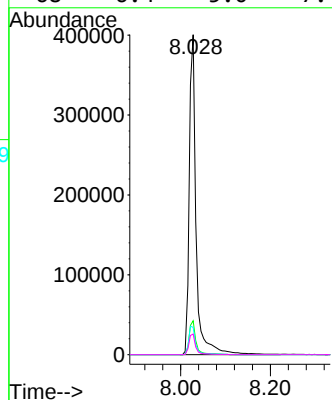


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Instrument :
BNA_F
ClientSampleId :
BU-01-101420

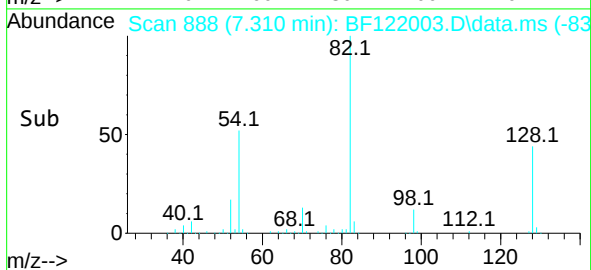
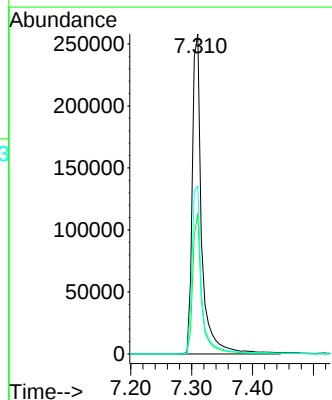
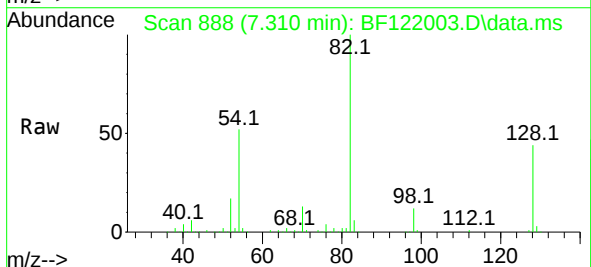


Tgt Ion:136 Resp: 425568
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 33.66 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion: 82 Resp: 279297
Ion Ratio Lower Upper
82 100
128 44.0 35.0 52.4
54 52.4 43.9 65.9

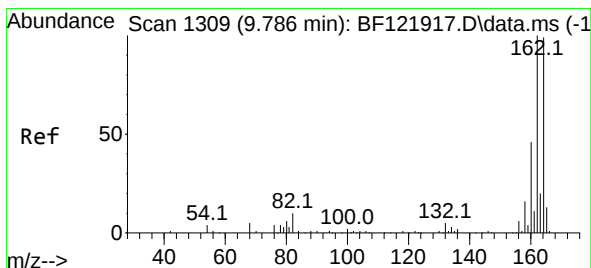
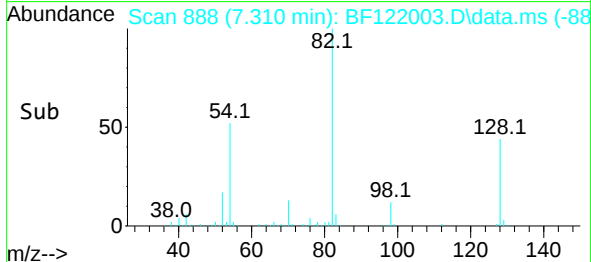
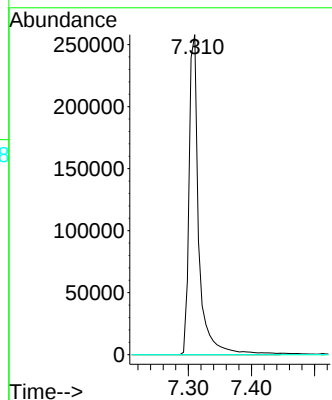
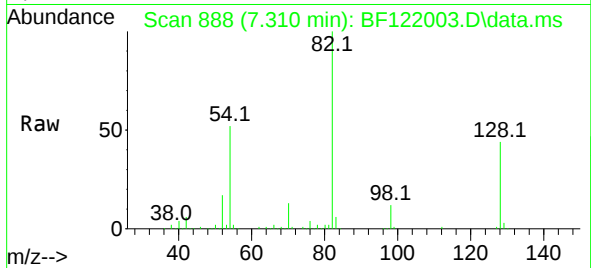




#25
Isophorone
Concen: 17.80 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

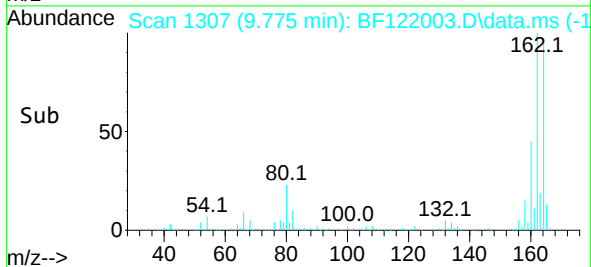
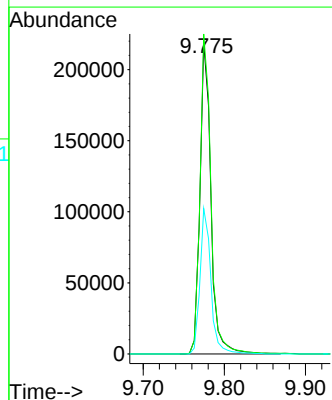
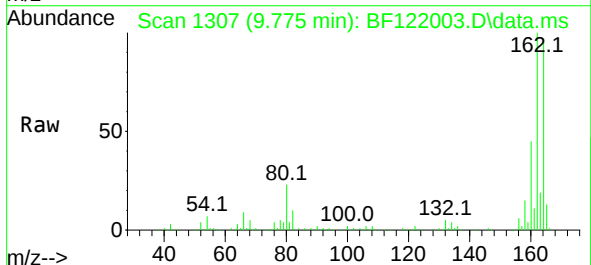
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

Tgt Ion: 82 Resp: 279294
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: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:164 Resp: 206473
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 46.8 37.5 56.3

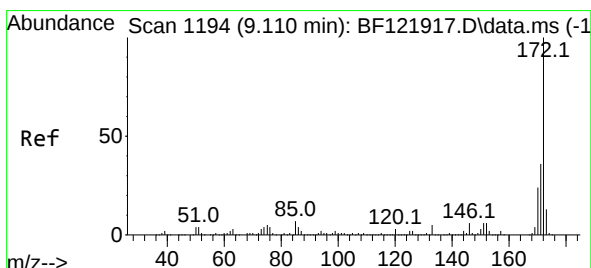
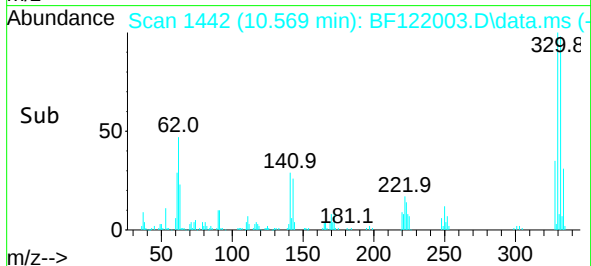
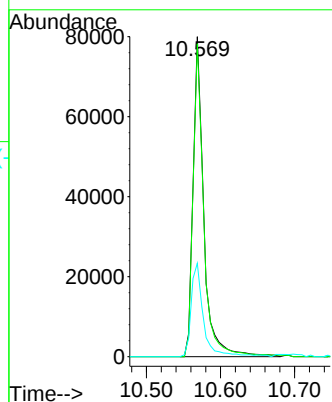
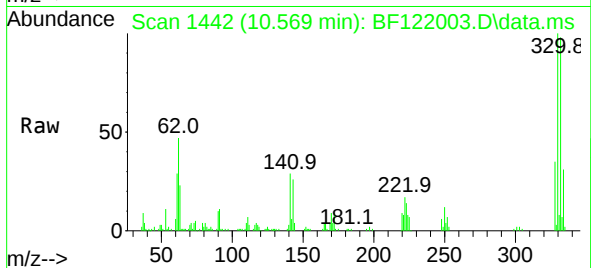




#42
2,4,6-Tribromophenol
Concen: 31.44 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

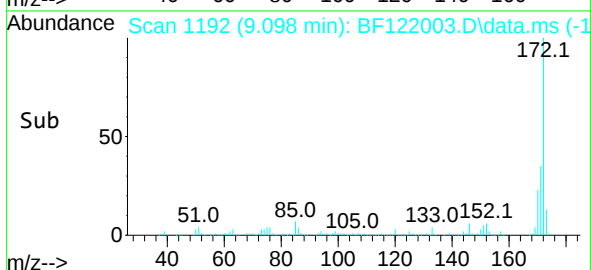
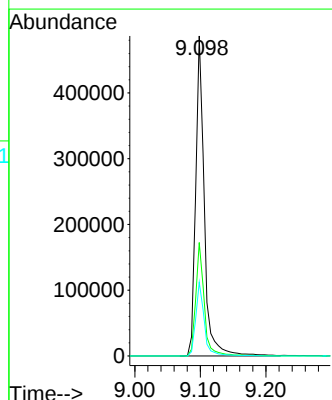
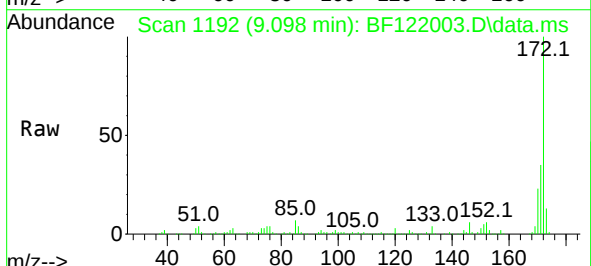
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

Tgt Ion:330 Resp: 80292
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.7 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 31.83 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:172 Resp: 446647
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.1 19.8 29.6

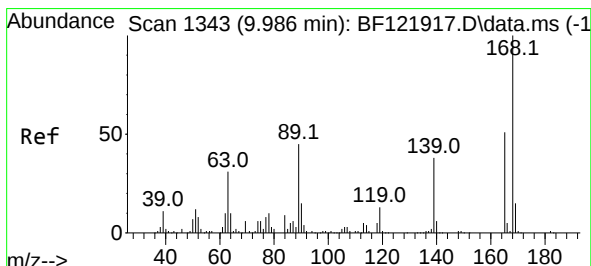
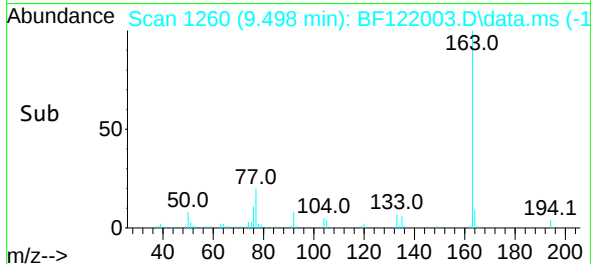
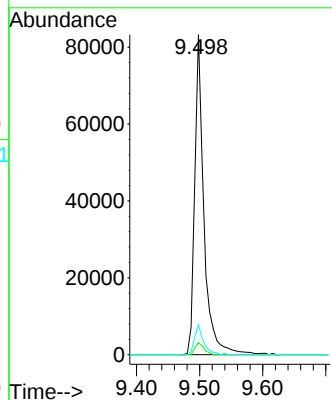
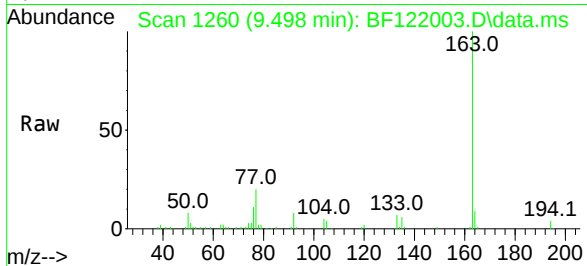




#50
Dimethylphthalate
Concen: 5.62 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

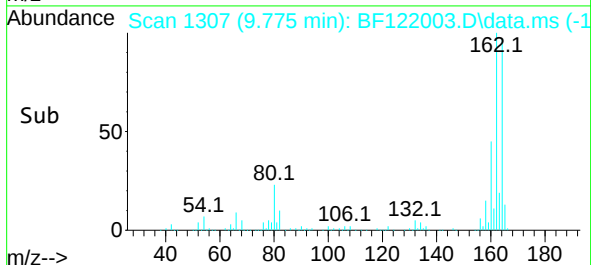
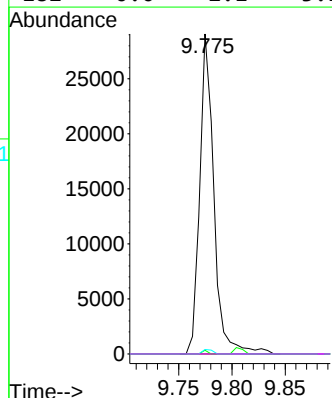
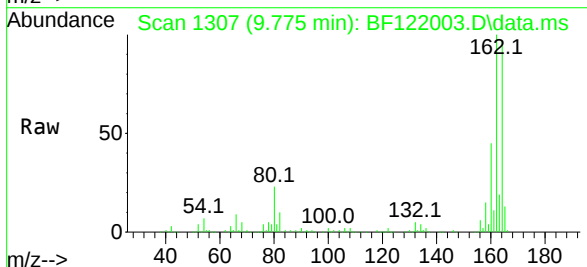
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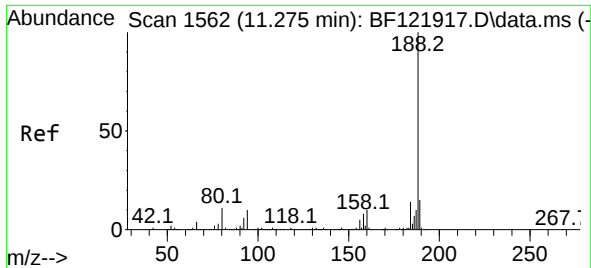
Tgt Ion:163 Resp: 84915
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:165 Resp: 27024
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

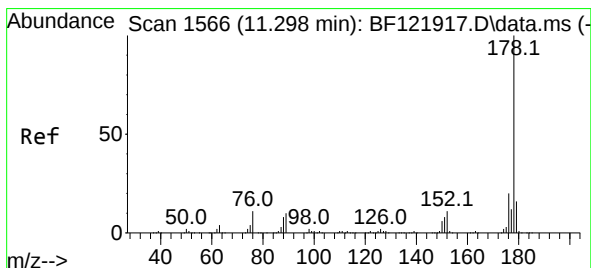
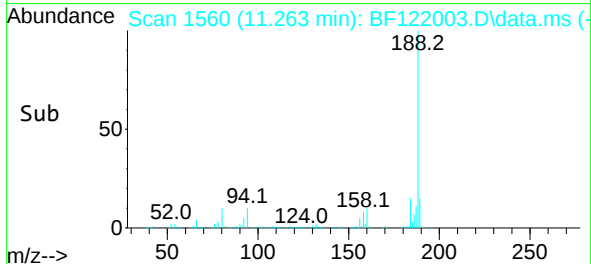
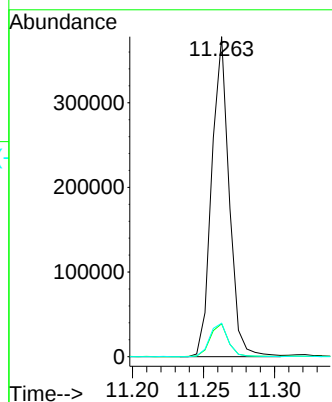
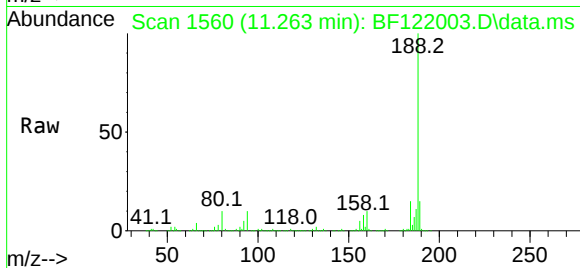




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

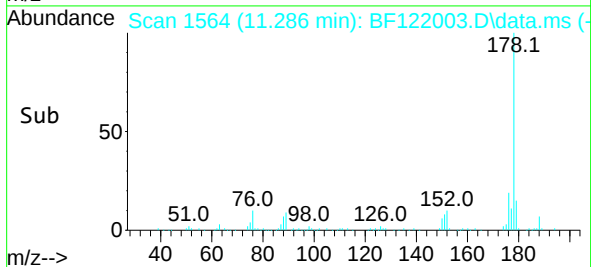
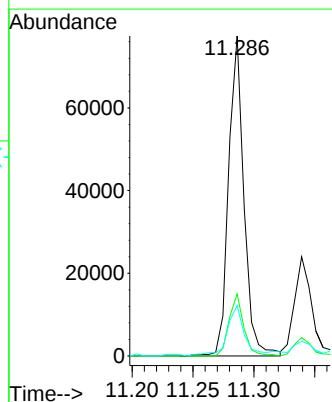
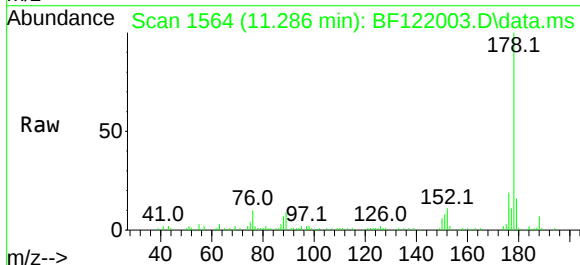
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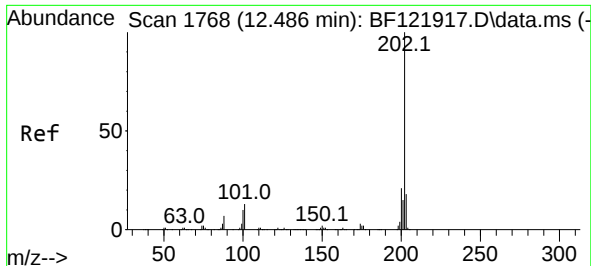
Tgt Ion:188 Resp: 324504
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.4 9.1 13.7



#71
Phenanthrene
Concen: 3.81 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:178 Resp: 67773
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.8 12.2 18.4

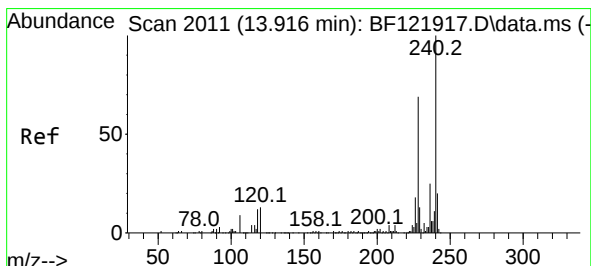
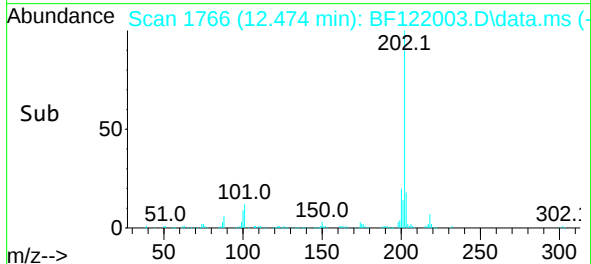
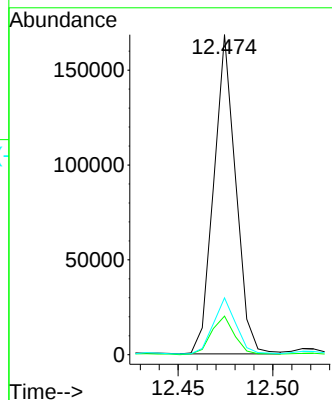
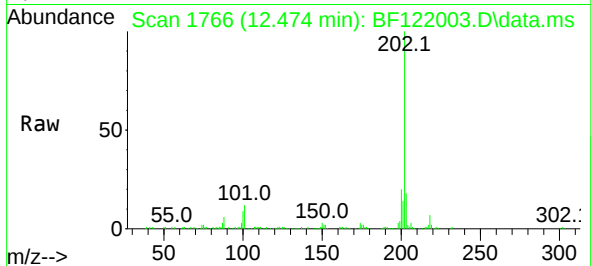




#75
Fluoranthene
Concen: 7.13 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

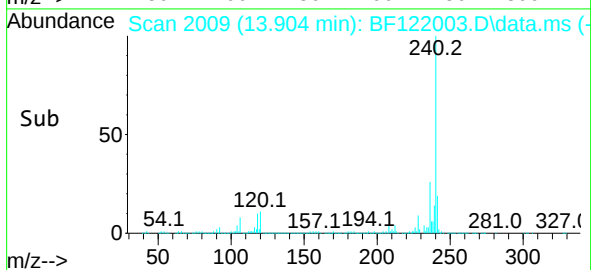
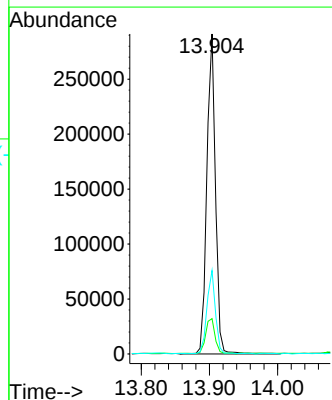
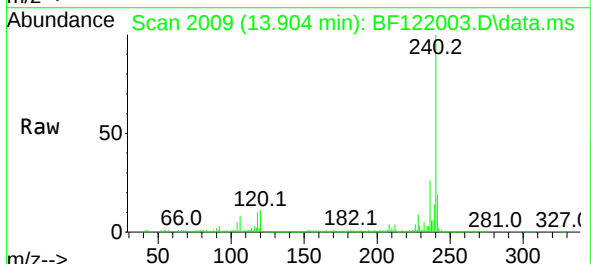
Instrument :
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ClientSampleId :
BU-01-101420

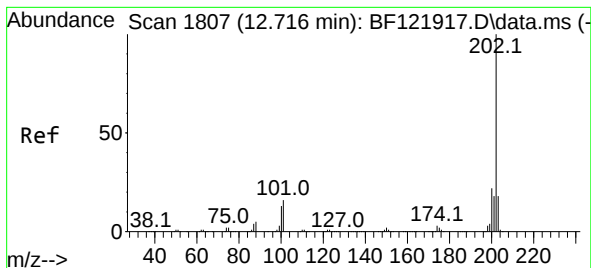
Tgt Ion:202 Resp: 136054
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:240 Resp: 257321
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.1 20.9 31.3





#78

Pyrene

Concen: 11.84 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF122003.D

Acq: 15 Oct 2020 21:22

Tgt Ion:202 Resp: 232189

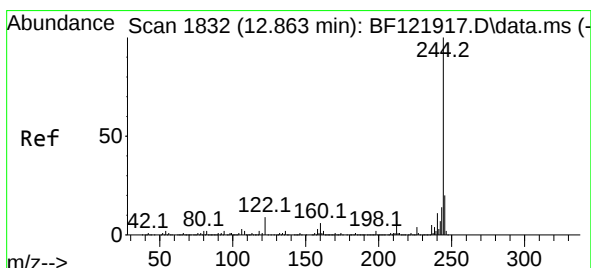
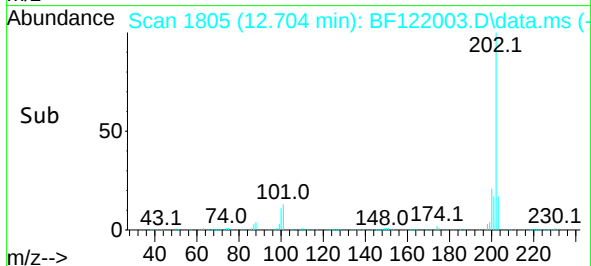
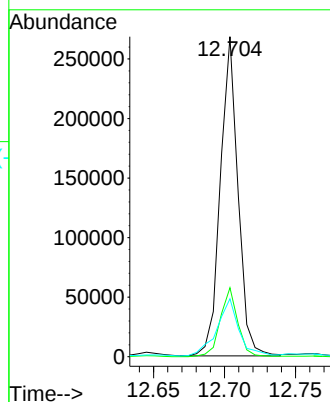
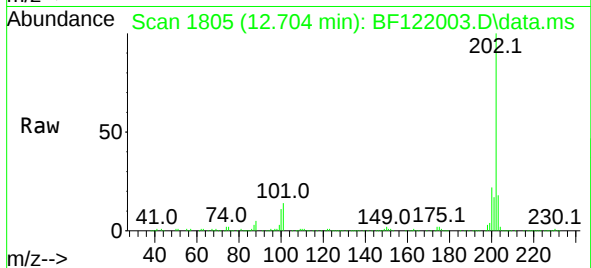
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.6	21.8

Instrument :

BNA_F

ClientSampleId :

BU-01-101420



#79

Terphenyl-d14

Concen: 22.20 ng

RT: 12.845 min Scan# 1829

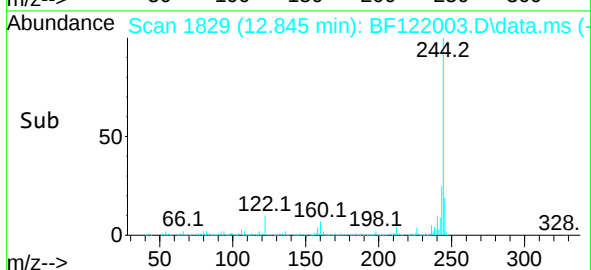
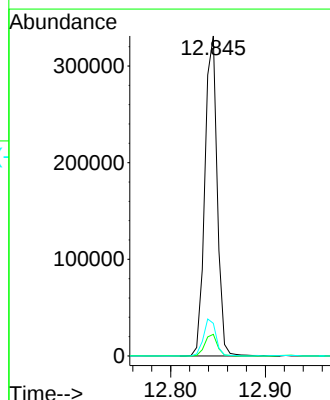
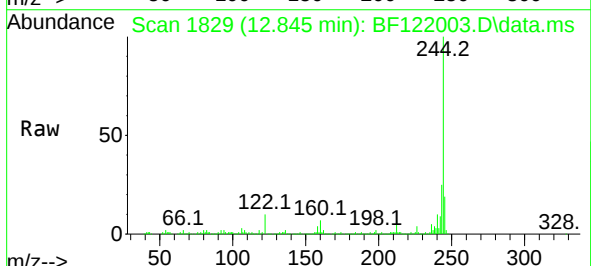
Delta R.T. -0.006 min

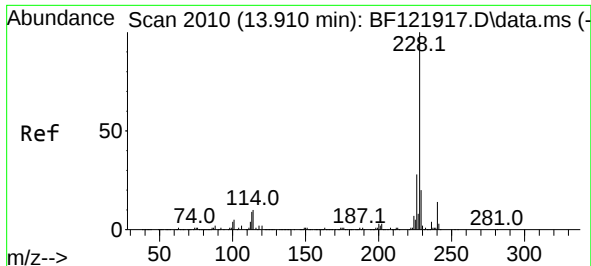
Lab File: BF122003.D

Acq: 15 Oct 2020 21:22

Tgt Ion:244 Resp: 299774

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	8.1	12.1

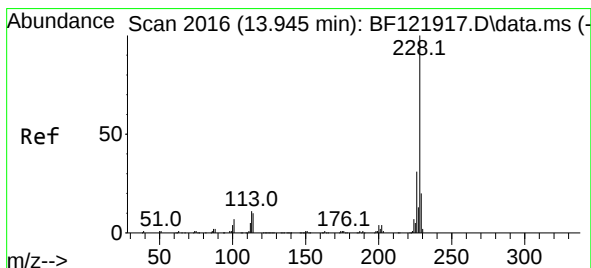
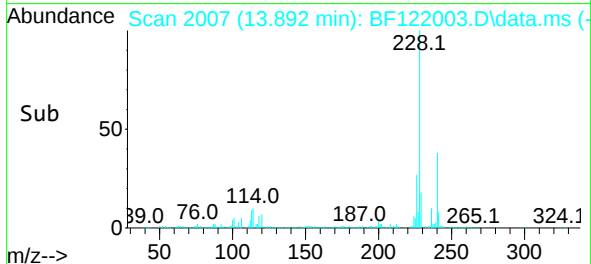
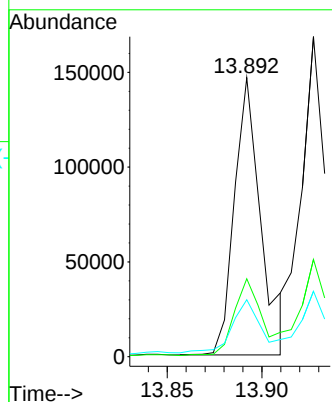
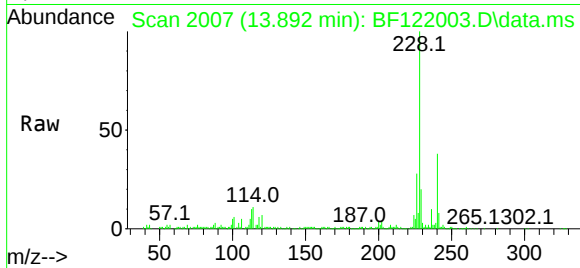




#81
Benzo(a)anthracene
Concen: 8.42 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

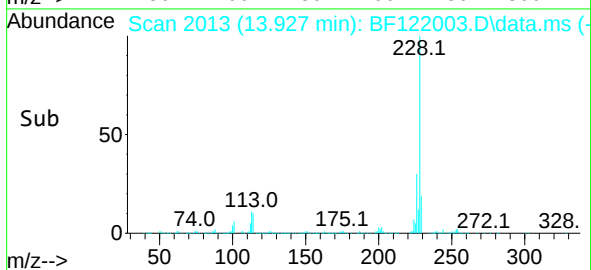
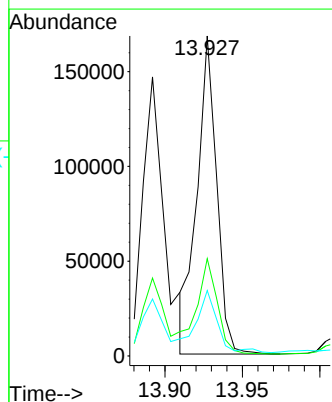
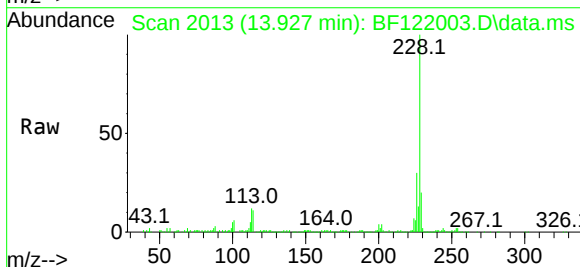
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

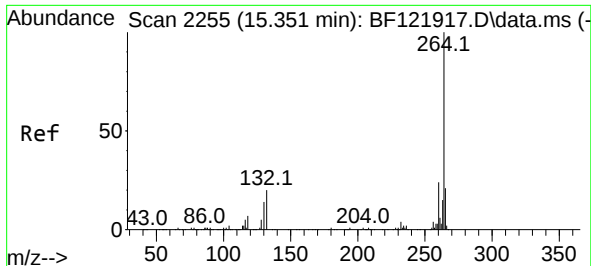
Tgt Ion:228 Resp: 141934
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.4 16.2 24.4



#83
Chrysene
Concen: 8.94 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:228 Resp: 148060
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.5 15.9 23.9

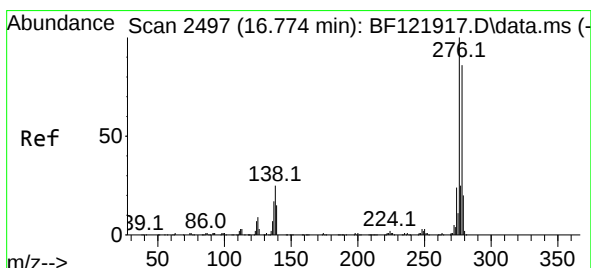
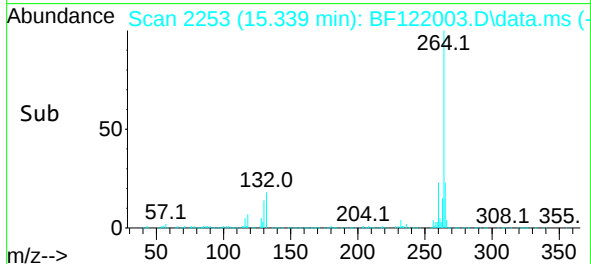
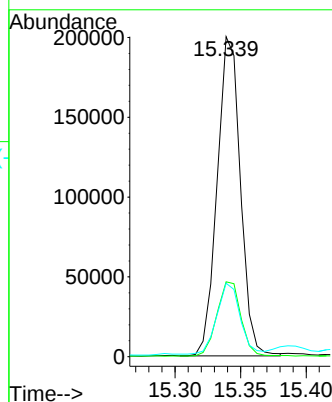
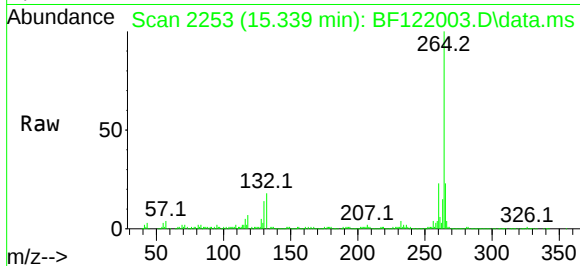




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

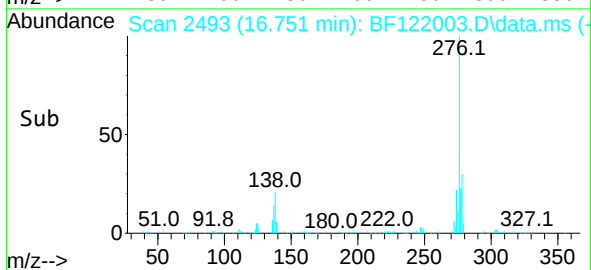
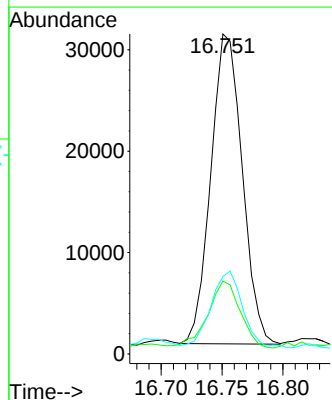
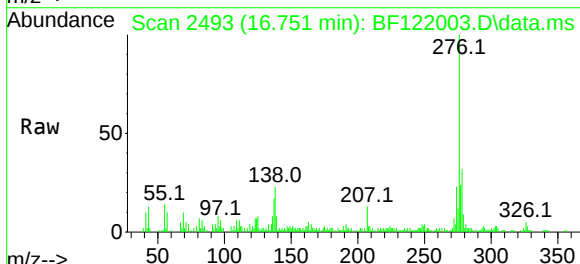
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

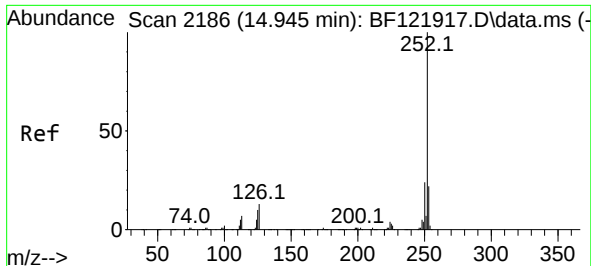
Tgt Ion:264	Resp:	246312
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.7 28.1
265	22.9	17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.43 ng
RT: 16.751 min Scan# 2493
Delta R.T. -0.012 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:276	Resp:	54816
Ion Ratio	Lower	Upper
276	100	
138	23.2	19.9 29.9
277	25.5	20.4 30.6

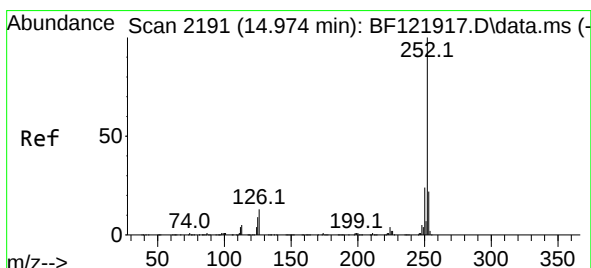
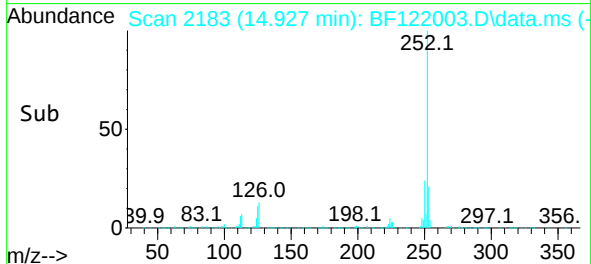
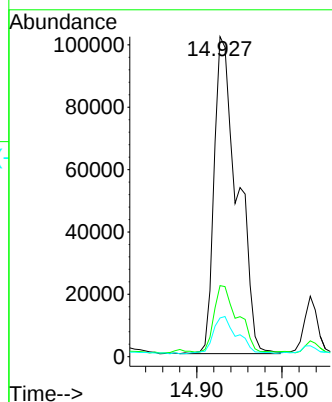
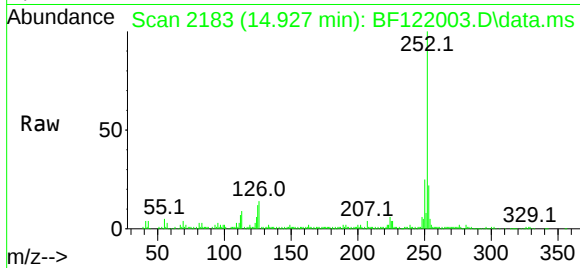




#88
Benzo(b)fluoranthene
Concen: 11.63 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

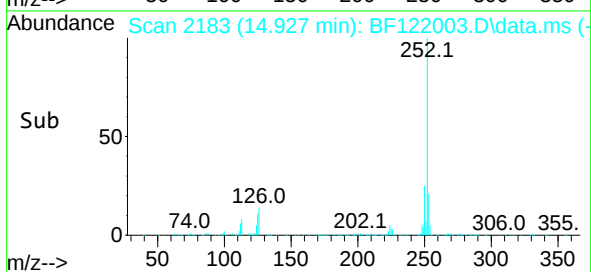
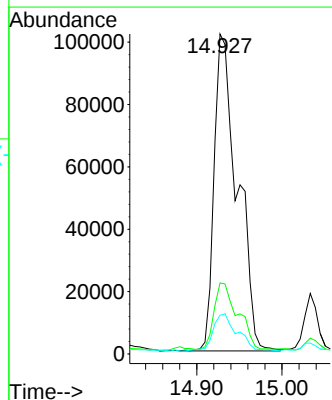
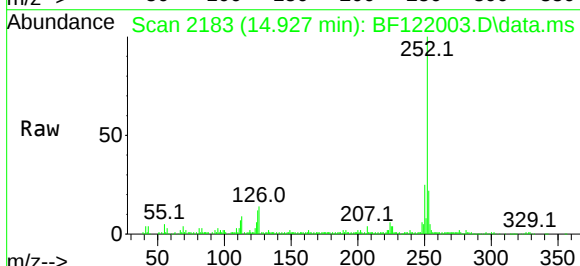
Instrument :
BNA_F
ClientSampleId :
BU-01-101420

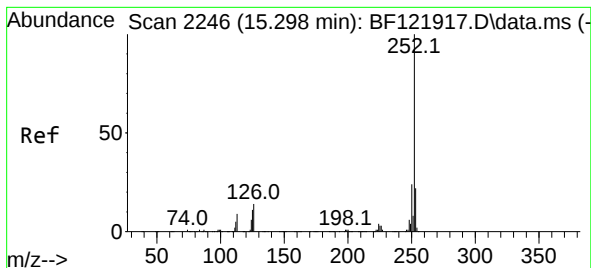
Tgt Ion:252 Resp: 193556
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.1 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 12.24 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.035 min
Lab File: BF122003.D
Acq: 15 Oct 2020 21:22

Tgt Ion:252 Resp: 193556
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.1 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 8.84 ng

RT: 15.280 min Scan# 2243

Delta R.T. -0.006 min

Lab File: BF122003.D

Acq: 15 Oct 2020 21:22

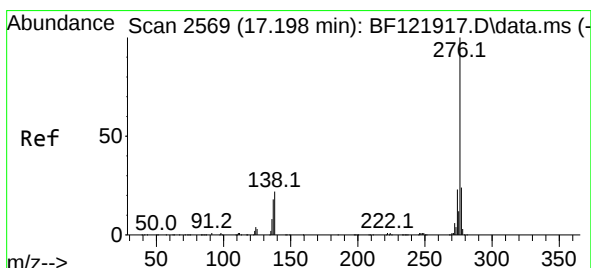
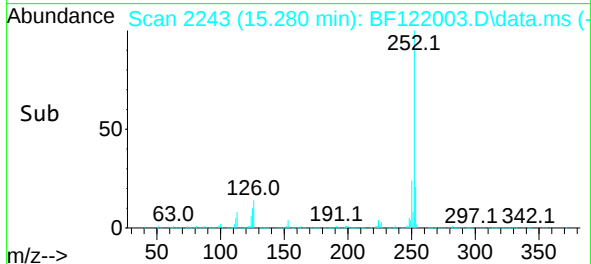
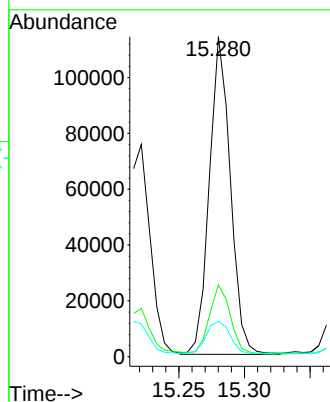
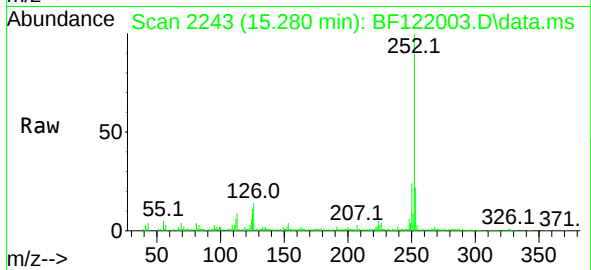
Tgt Ion:	252	Resp:	127181
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	11.0	8.6	13.0

Instrument :

BNA_F

ClientSampleId :

BU-01-101420



#92

Benzo(g,h,i)perylene

Concen: 4.44 ng

RT: 17.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BF122003.D

Acq: 15 Oct 2020 21:22

Tgt Ion:	276	Resp:	58519
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.4	29.2
138	22.3	17.8	26.6

