

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122123.D
 Acq On : 26 Oct 2020 19:10
 Operator : JU/CG
 Sample : L4501-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Oct 27 00:55:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

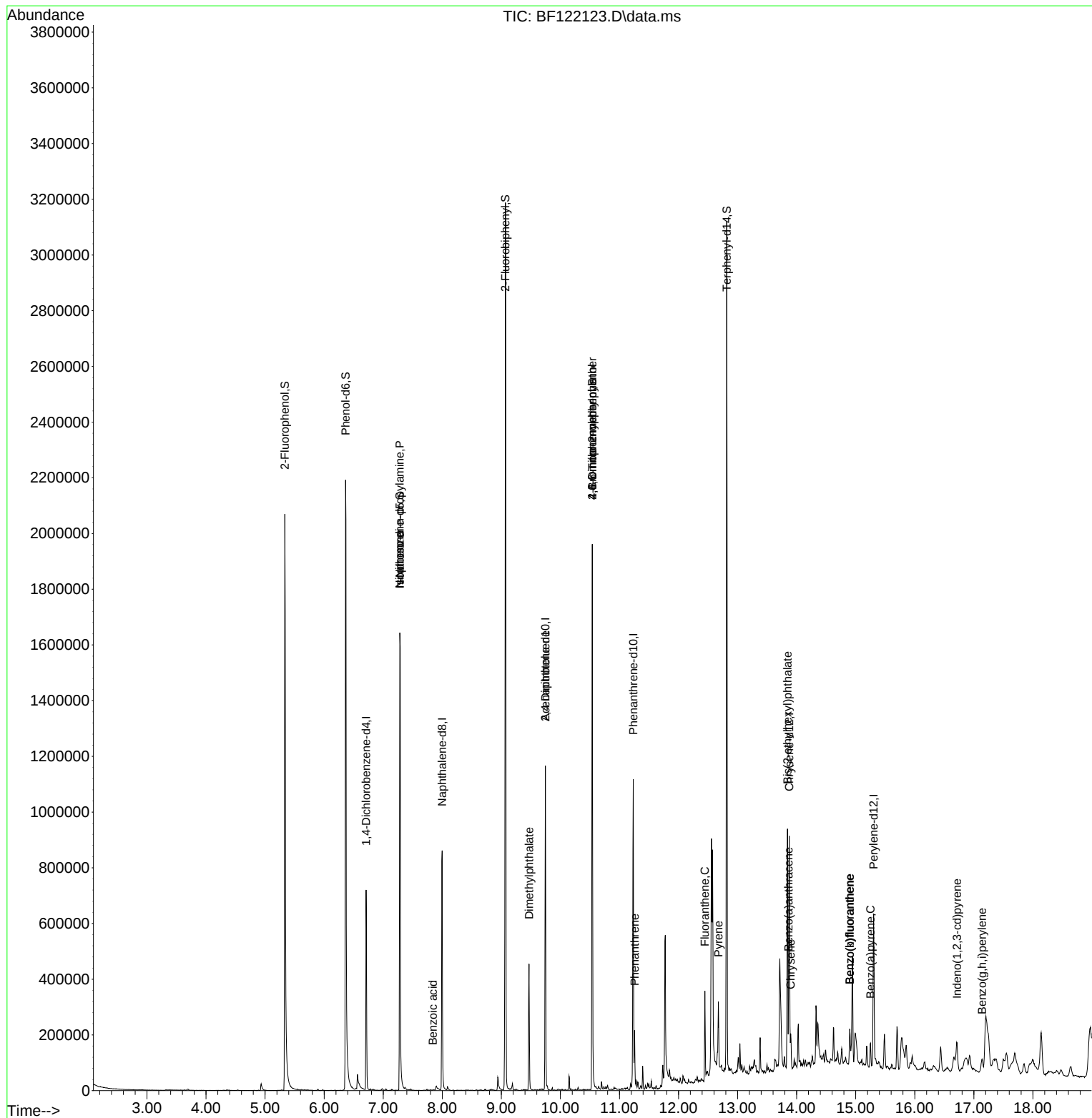
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	103612	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	408557	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	209860	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	375509	20.00	ng	0.00
76) Chrysene-d12	13.874	240	250872	20.00	ng	0.00
86) Perylene-d12	15.304	264	231017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	666705	94.97	ng	0.00
7) Phenol-d6	6.363	99	853472	94.44	ng	0.00
23) Nitrobenzene-d5	7.281	82	589283	73.97	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	227073	87.47	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	977926	68.56	ng	0.00
79) Terphenyl-d14	12.816	244	900411	68.40	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.322	77	603	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.281	70	79740	15.50	ng	# 80
25) Isophorone	7.281	82	589279	39.12	ng	# 67
32) Benzoic acid	7.840	122	923	7.89	ng	# 82
50) Dimethylphthalate	9.469	163	169655	11.06	ng	99
57) 2,4-Dinitrotoluene	9.745	165	26479	6.39	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	434	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	13182	3.04	ng	# 1
71) Phenanthrene	11.257	178	60486	2.94	ng	99
75) Fluoranthene	12.445	202	116486	5.28	ng	98
78) Pyrene	12.675	202	91496	4.79	ng	98
81) Benzo(a)anthracene	13.863	228	47269	2.88	ng	98
83) Chrysene	13.898	228	46344	2.87	ng	97
84) Bis(2-ethylhexyl)phtha...	13.845	149	210855	20.49	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	30251	2.02	ng	98
88) Benzo(b)fluoranthene	14.898	252	81094	5.19	ng	97
89) Benzo(k)fluoranthene	14.898	252	81094	5.47	ng	# 97
90) Benzo(a)pyrene	15.251	252	39400	2.92	ng	95
92) Benzo(g,h,i)perylene	17.139	276	29617	2.40	ng	96

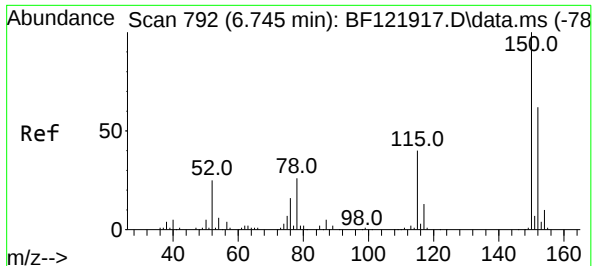
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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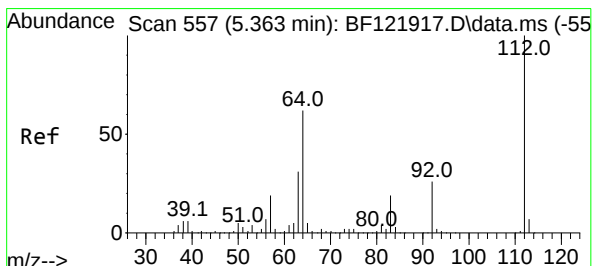
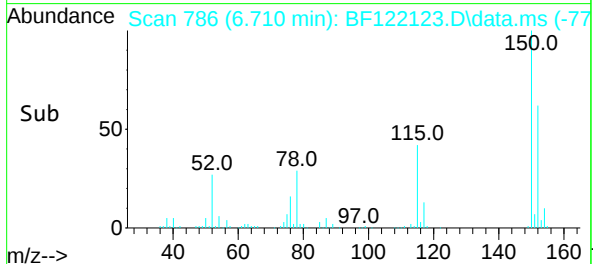
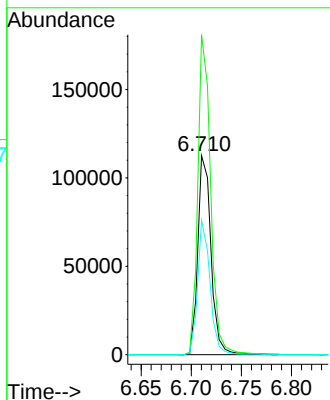
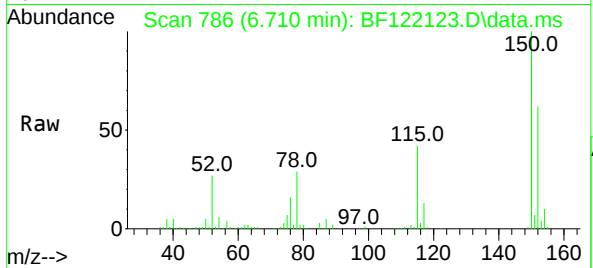




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

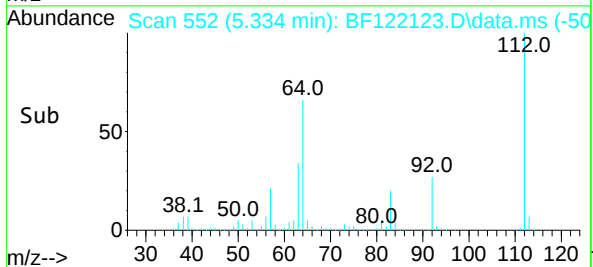
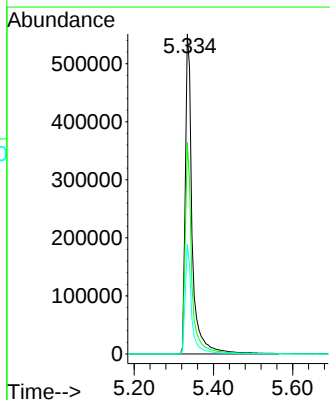
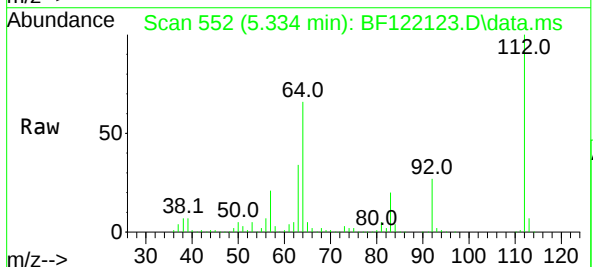
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 103612
Ion Ratio Lower Upper
152 100
150 160.7 125.3 187.9
115 67.5 51.9 77.9



#5
2-Fluorophenol
Concen: 94.97 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:112 Resp: 666705
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 34.3 25.8 38.6

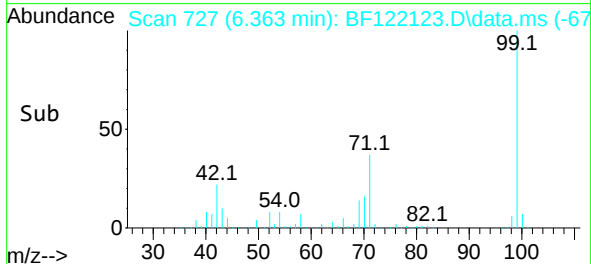
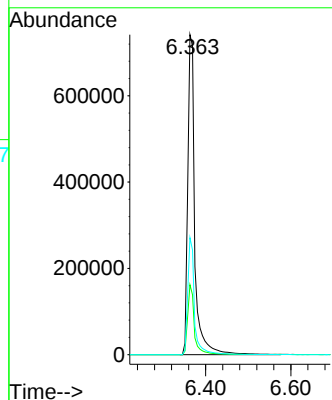
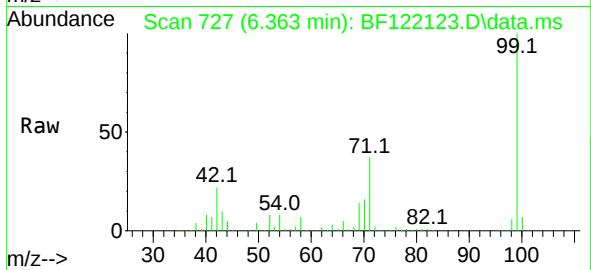




#7
Phenol-d6
Concen: 94.44 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

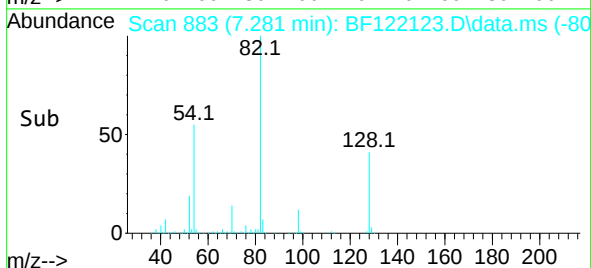
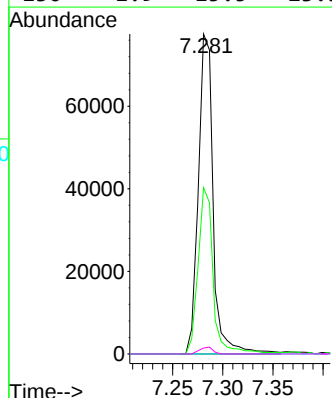
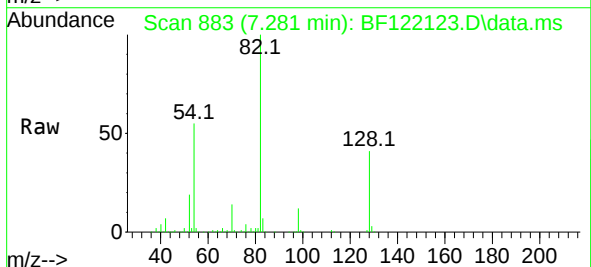
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 853472
Ion Ratio Lower Upper
99 100
42 21.8 15.9 23.9
71 36.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.50 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion: 70 Resp: 79740
Ion Ratio Lower Upper
70 100
42 52.0 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



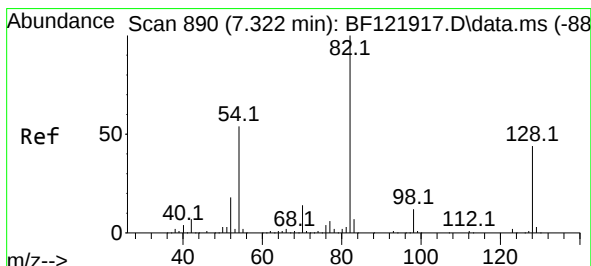
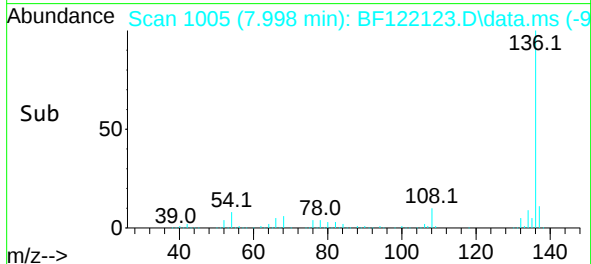
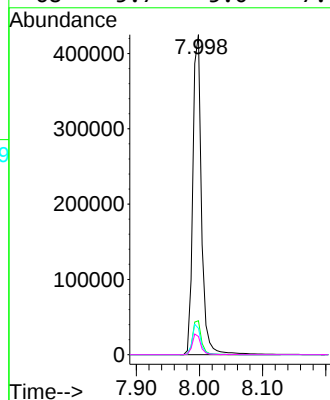
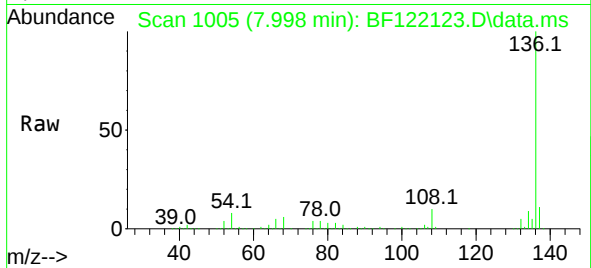


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 408557

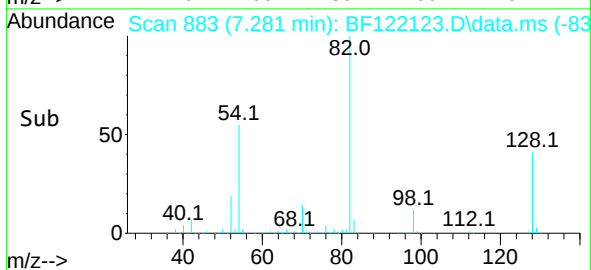
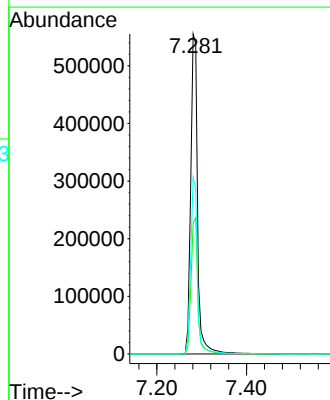
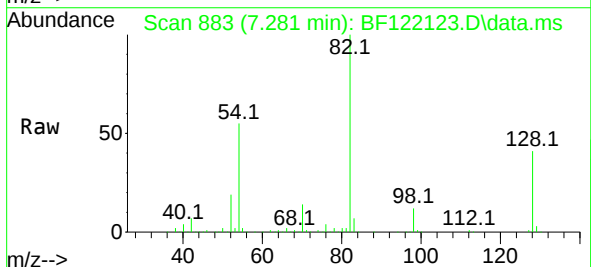
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.3	7.1	10.7
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.97 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion: 82 Resp: 589283

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	55.3	43.9	65.9

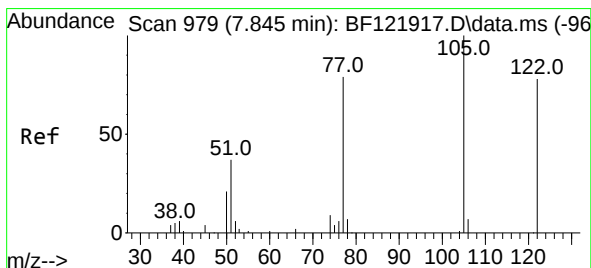
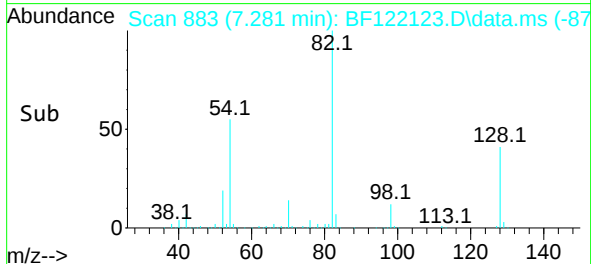
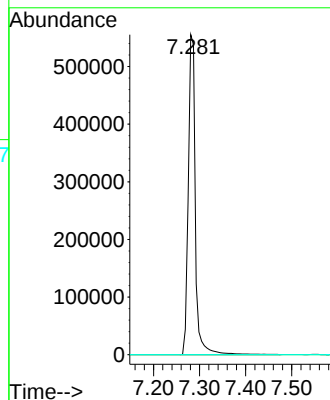
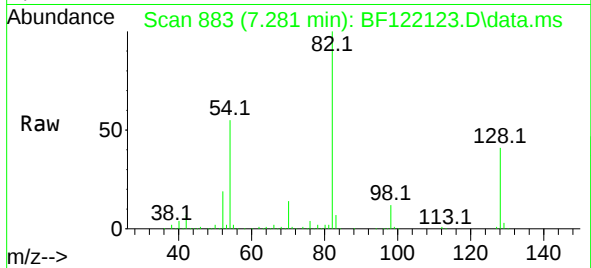




#25
Isophorone
Concen: 39.12 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

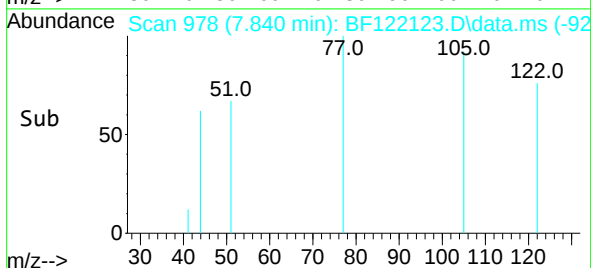
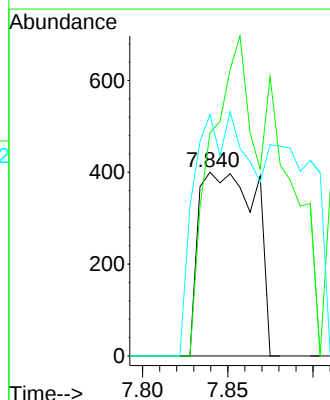
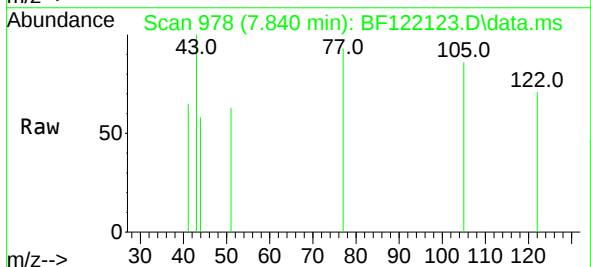
Instrument :
BNA_F
ClientSampleId :
COMP-3

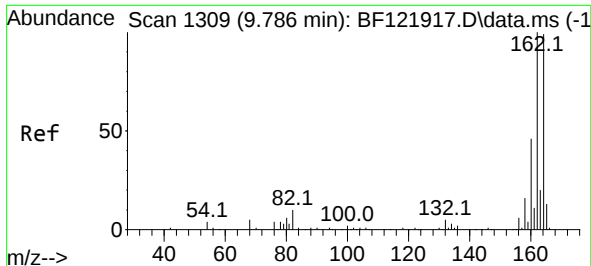
Tgt Ion: 82 Resp: 589279
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.89 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.012 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion: 122 Resp: 923
Ion Ratio Lower Upper
122 100
105 121.5 103.3 143.3
77 131.5 73.9 113.9#

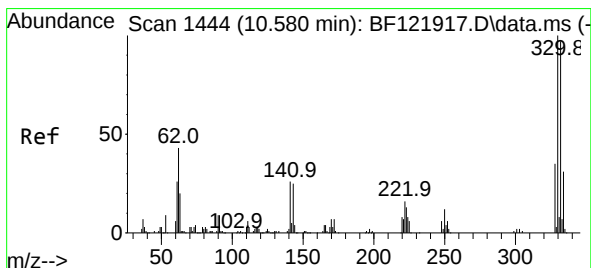
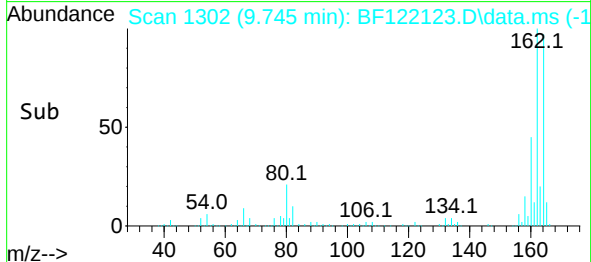
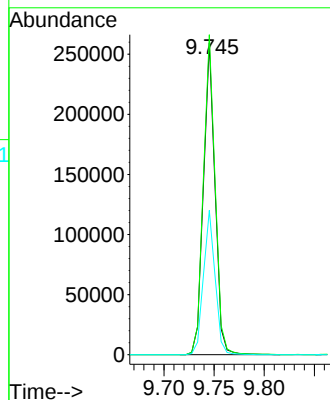
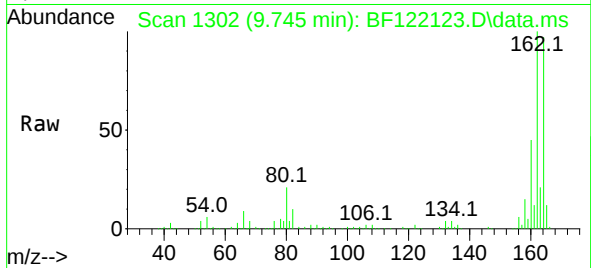




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

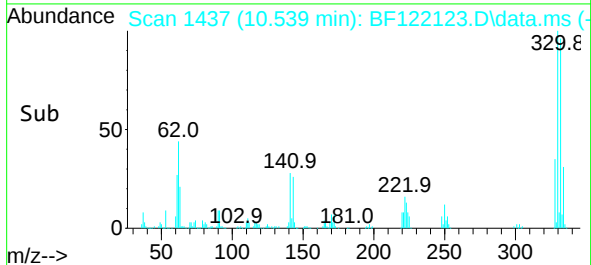
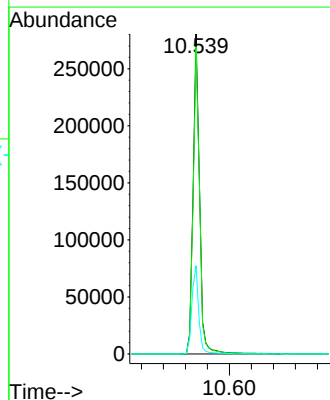
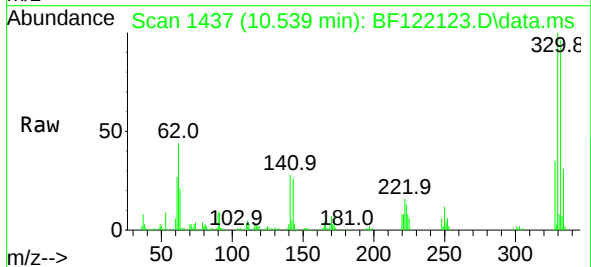
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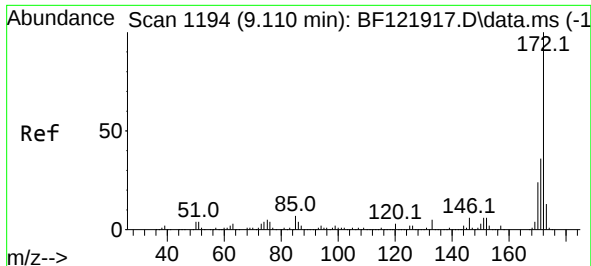
Tgt Ion:164 Resp: 209860
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 46.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 87.47 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:330 Resp: 227073
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 29.5 22.3 33.5

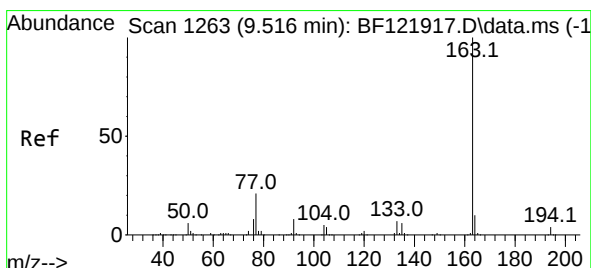
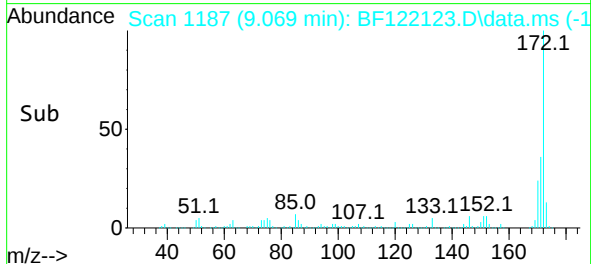
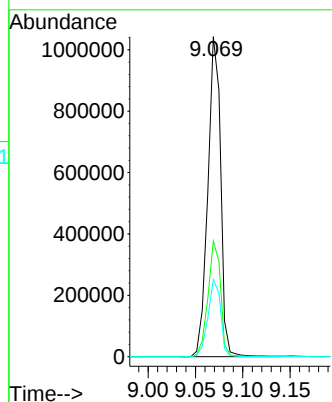
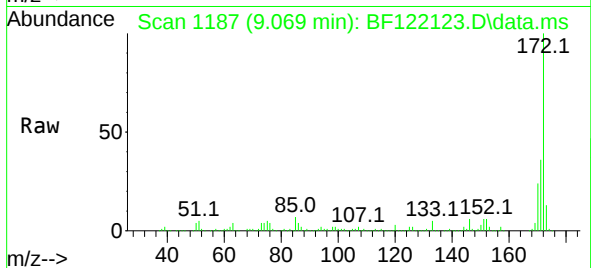




#45
2-Fluorobiphenyl
Concen: 68.56 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

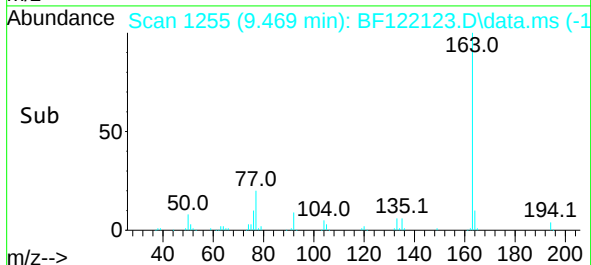
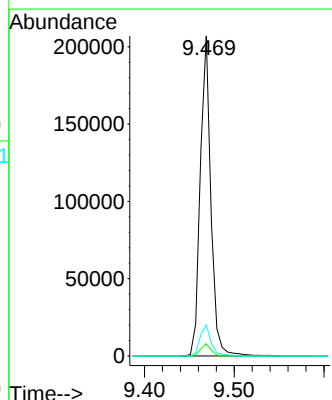
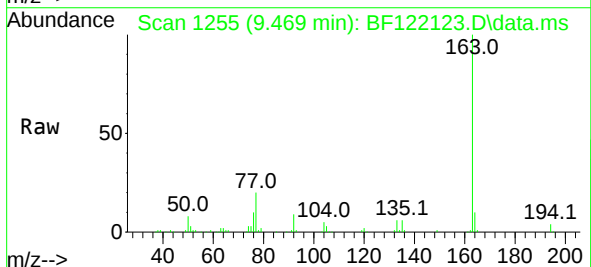
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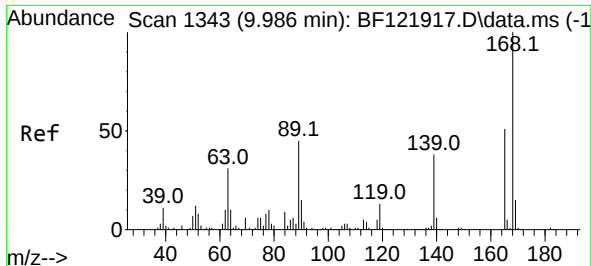
Tgt Ion:172 Resp: 977926
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 11.06 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:163 Resp: 169655
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 8.2 12.4

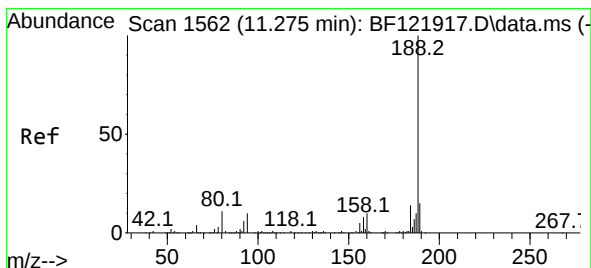
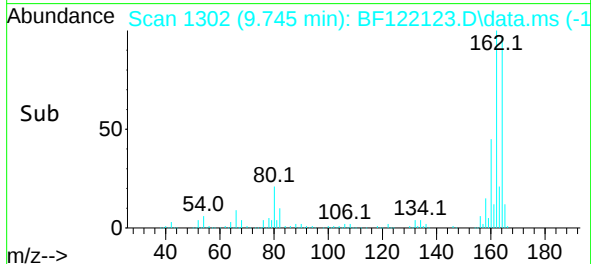
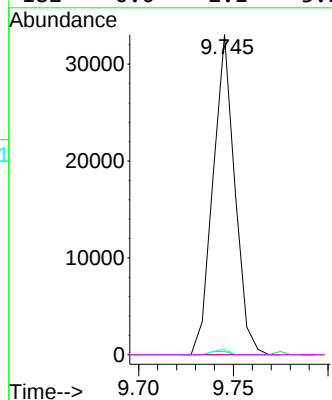
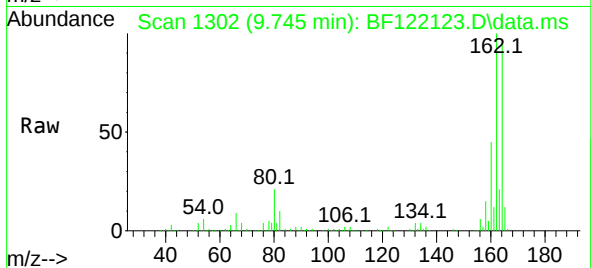




#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

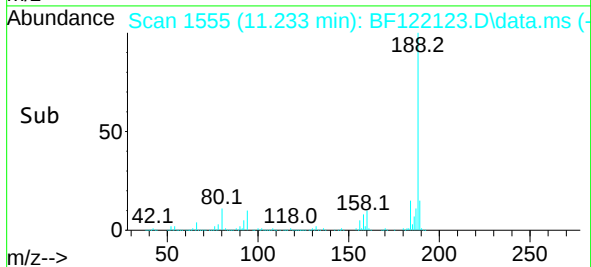
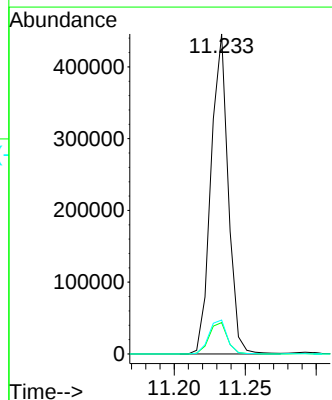
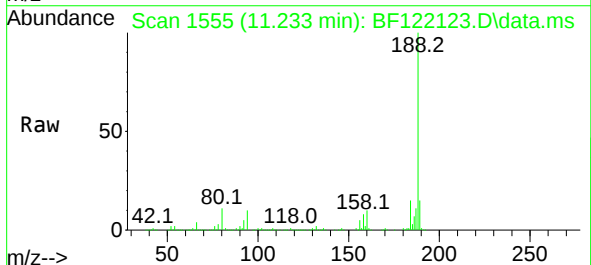
Instrument :
BNA_F
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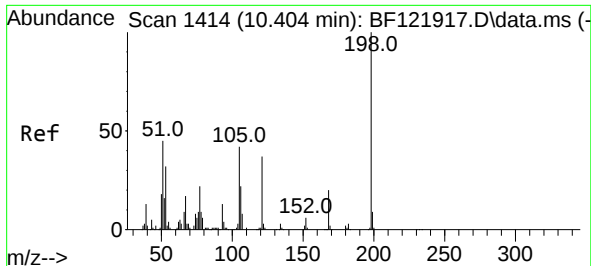
Tgt Ion:165 Resp: 26479
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:188 Resp: 375509
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.6 9.1 13.7

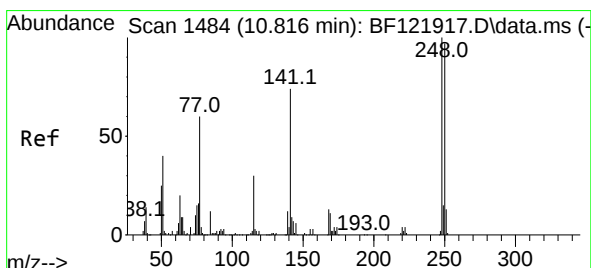
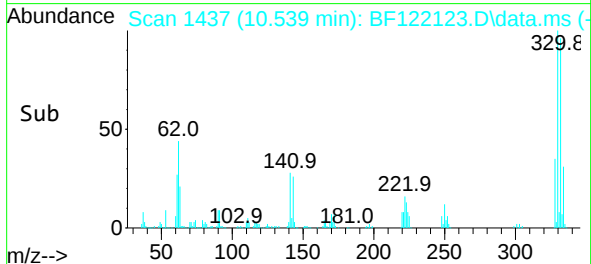
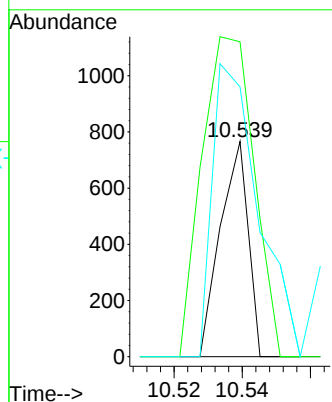
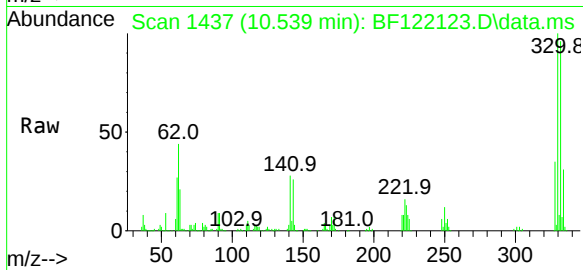




#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

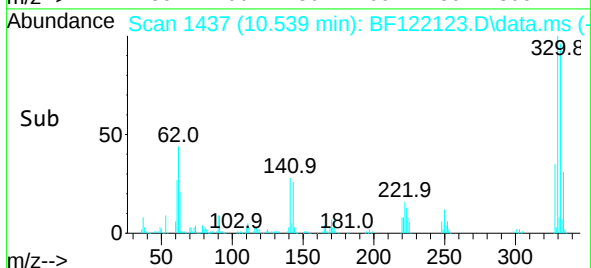
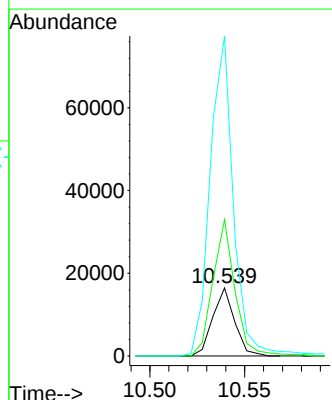
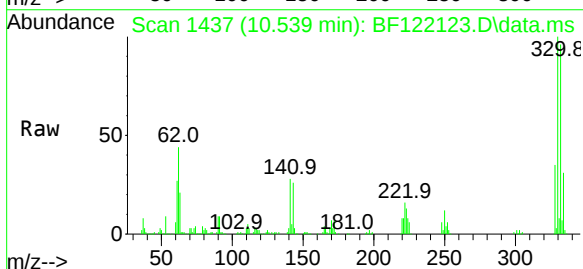
Instrument :
BNA_F
ClientSampled :
COMP-3

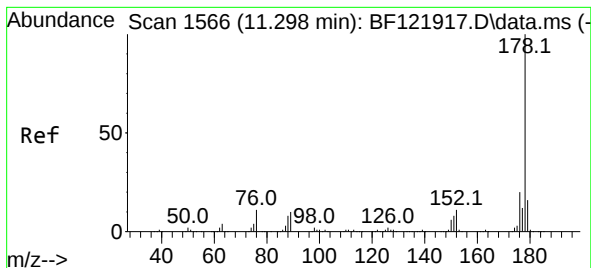
Tgt Ion:198 Resp: 434
Ion Ratio Lower Upper
198 100
51 146.3 29.6 69.6#
105 125.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:248 Resp: 13182
Ion Ratio Lower Upper
248 100
250 200.6 77.0 115.6#
141 471.0 53.7 80.5#

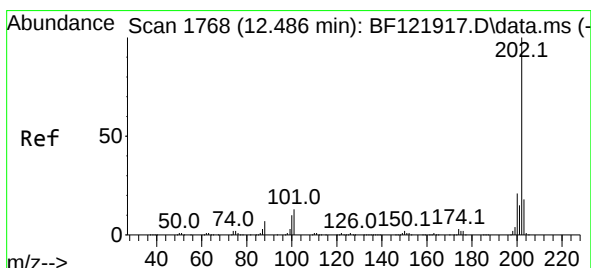
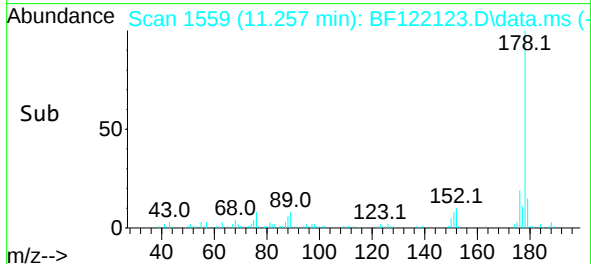
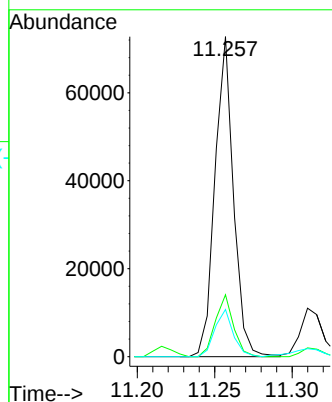
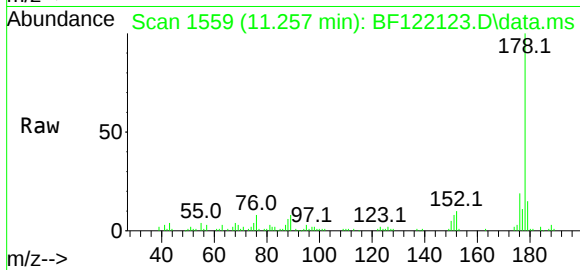




#71
Phenanthrene
Concen: 2.94 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

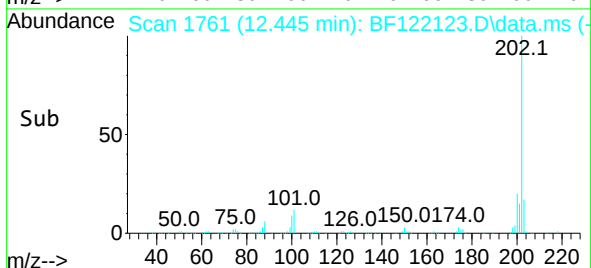
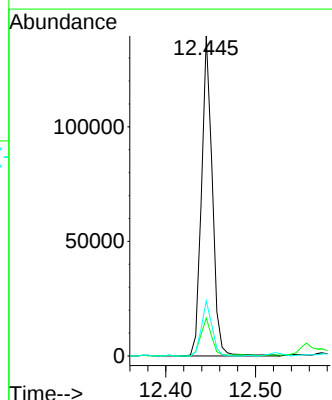
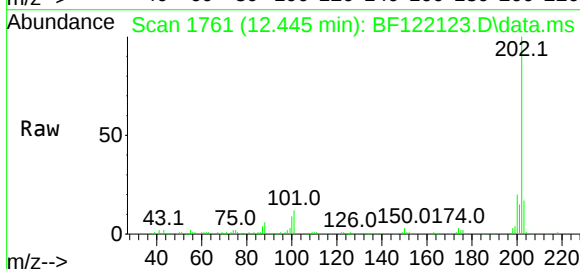
Instrument :
BNA_F
ClientSampleId :
COMP-3

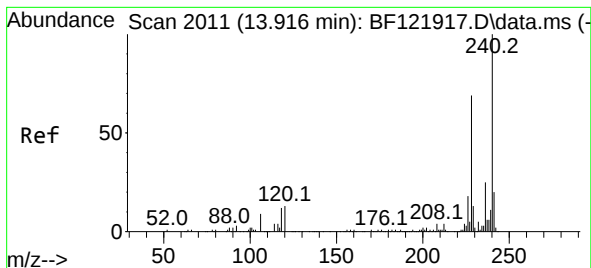
Tgt Ion:178 Resp: 60486
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 14.8 12.2 18.4



#75
Fluoranthene
Concen: 5.28 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:202 Resp: 116486
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.4
203 17.3 0.0 37.9

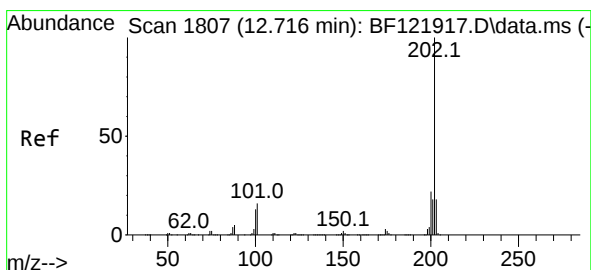
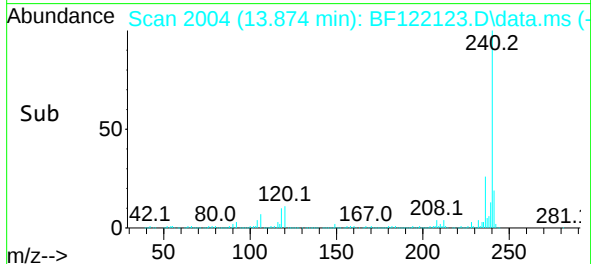
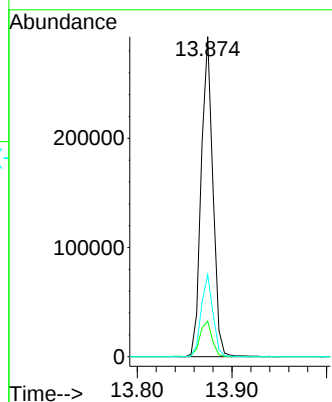
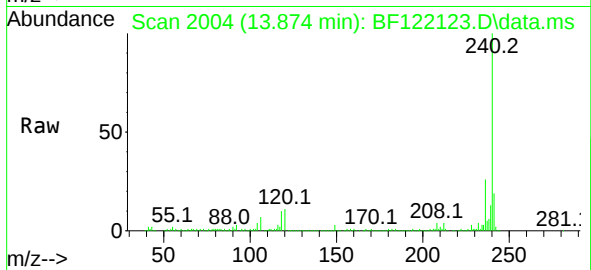




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

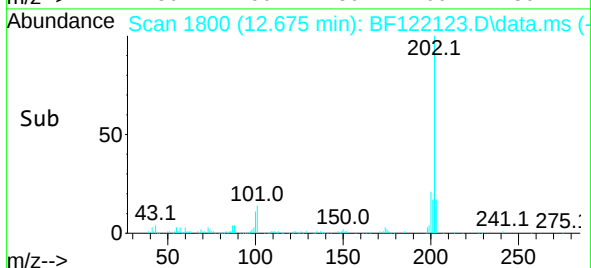
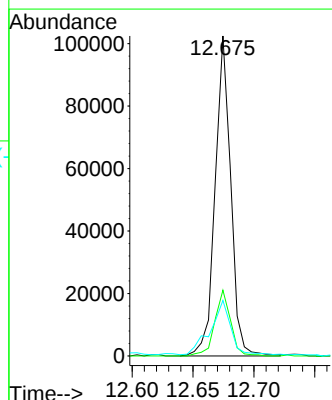
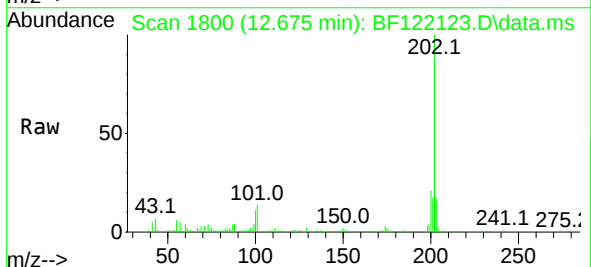
Instrument :
BNA_F
ClientSampleId :
COMP-3

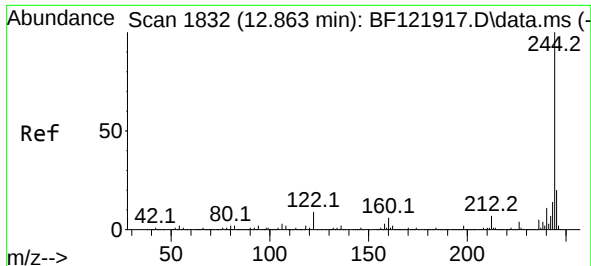
Tgt Ion:240 Resp: 250872
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.7 20.9 31.3



#78
Pyrene
Concen: 4.79 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:202 Resp: 91496
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.4 14.6 21.8

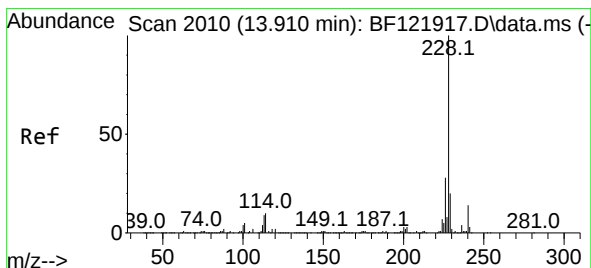
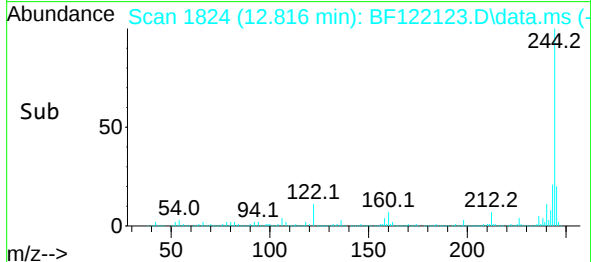
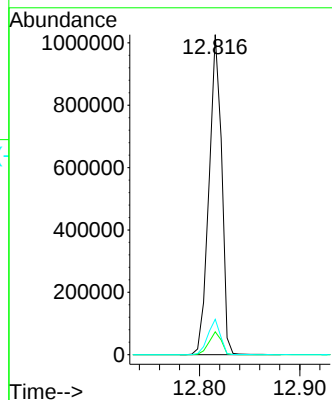
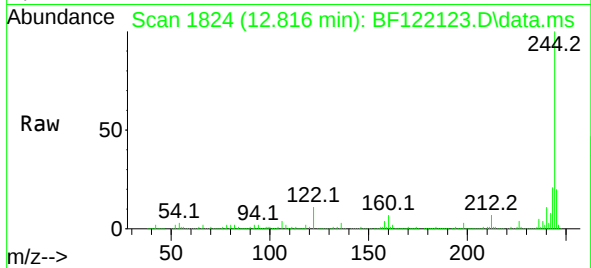




#79
Terphenyl-d14
Concen: 68.40 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

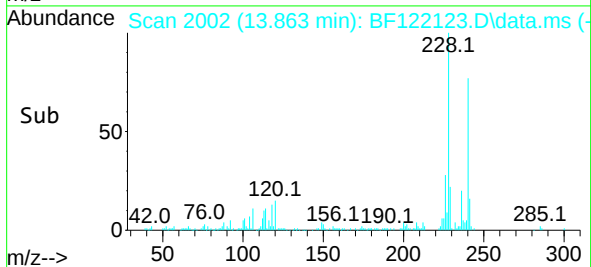
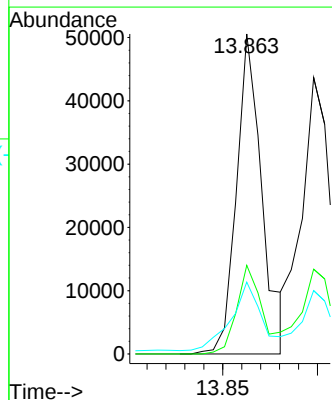
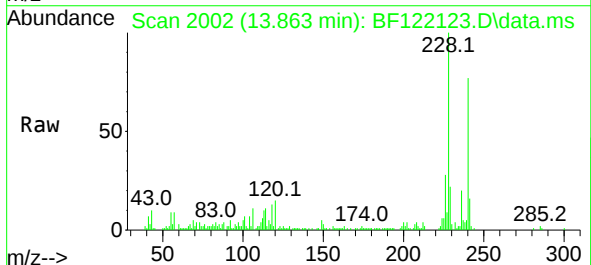
Instrument :
BNA_F
ClientSampleId :
COMP-3

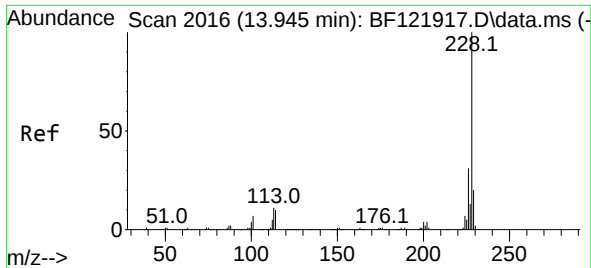
Tgt Ion:244 Resp: 900411
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 8.1 12.1



#81
Benzo(a)anthracene
Concen: 2.88 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:228 Resp: 47269
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 22.4 16.2 24.4

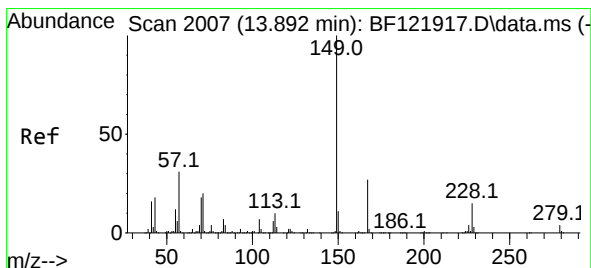
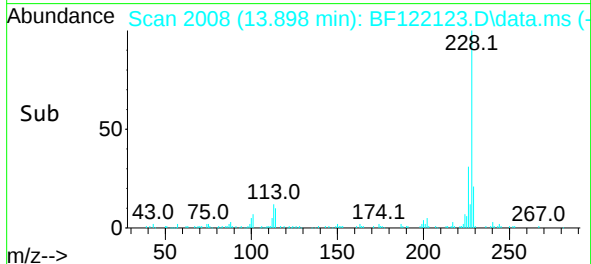
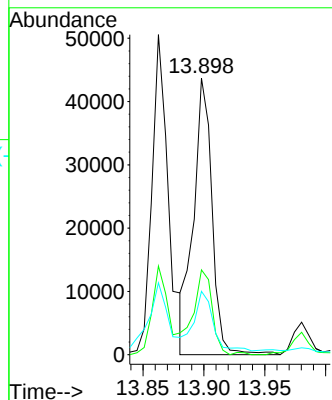
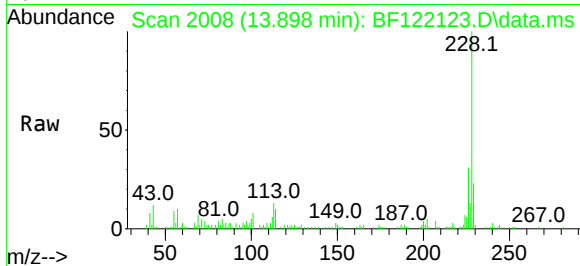




#83
Chrysene
Concen: 2.87 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

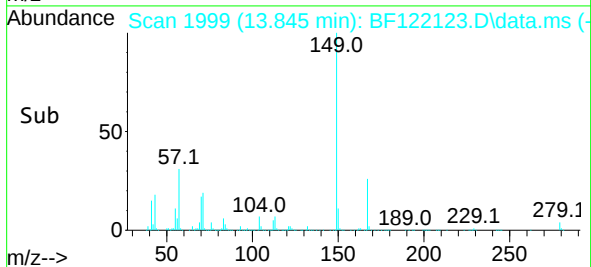
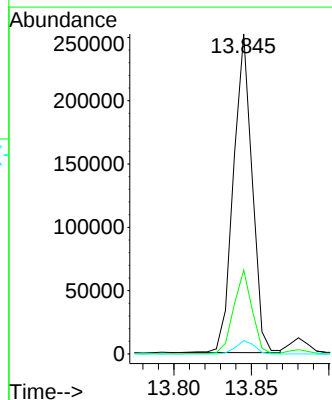
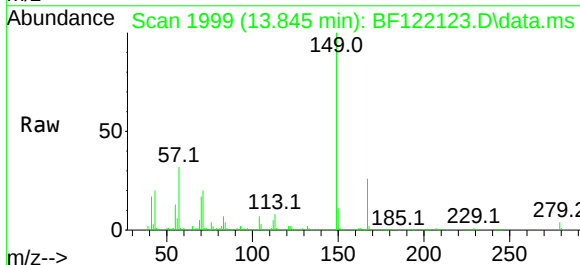
Instrument :
BNA_F
ClientSampleId :
COMP-3

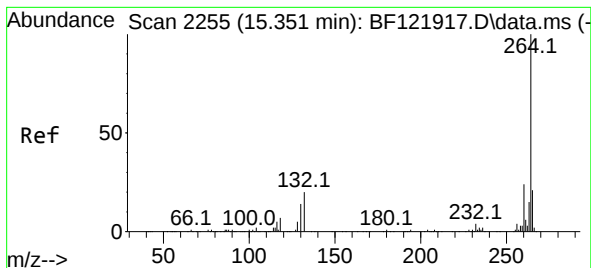
Tgt Ion:228	Resp:	46344
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.6 37.0
229	22.9	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.49 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

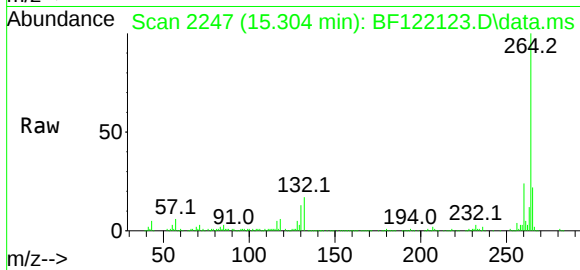
Tgt Ion:149	Resp:	210855
Ion Ratio	Lower	Upper
149	100	
167	26.2	20.9 31.3
279	4.2	3.2 4.8



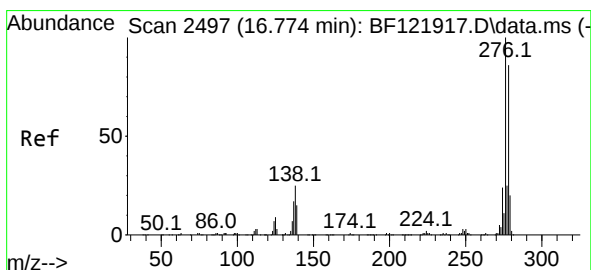
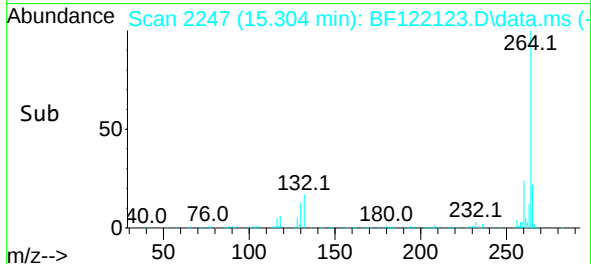
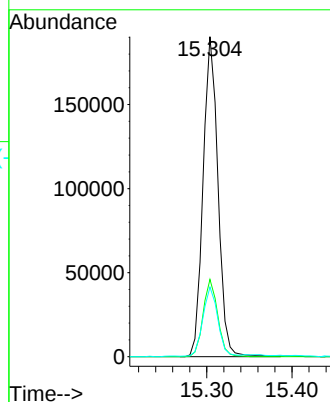


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Instrument :
BNA_F
ClientSampleId :
COMP-3

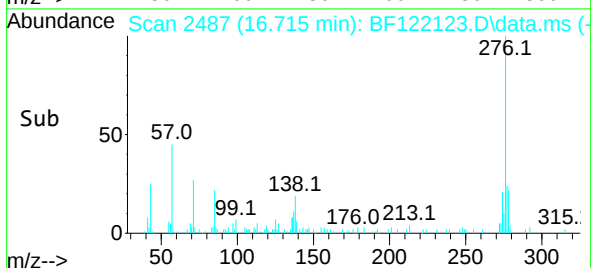
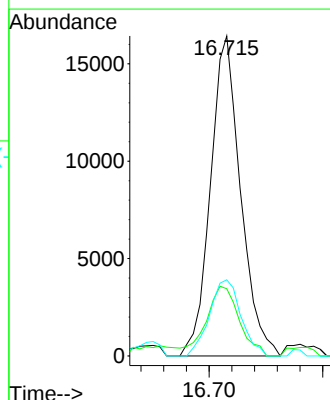
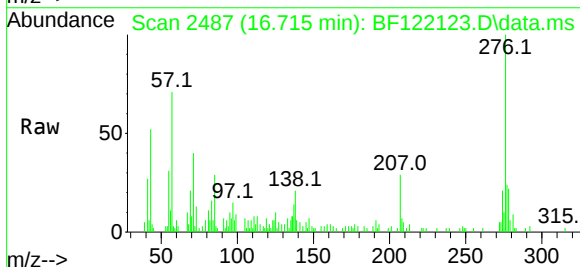


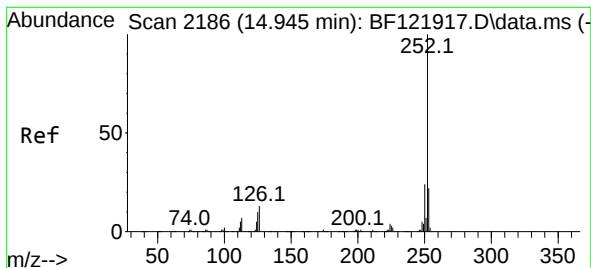
Tgt Ion:264 Resp: 231017
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.8 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng
RT: 16.715 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:276 Resp: 30251
Ion Ratio Lower Upper
276 100
138 23.9 19.9 29.9
277 24.9 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 5.19 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BF122123.D

Acq: 26 Oct 2020 19:10

Tgt Ion:252 Resp: 81094

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

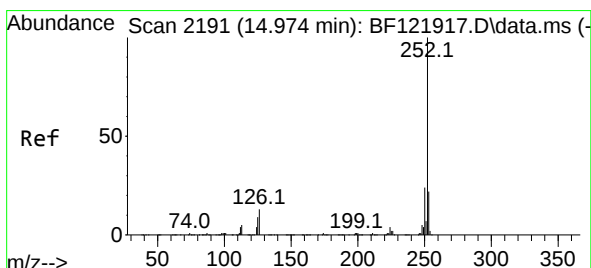
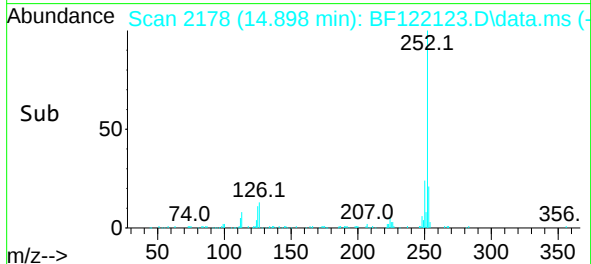
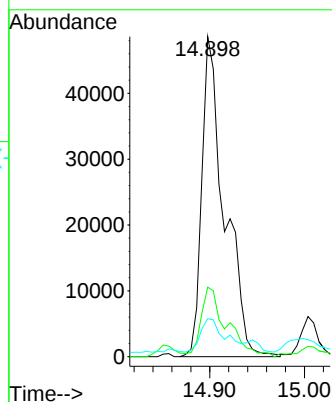
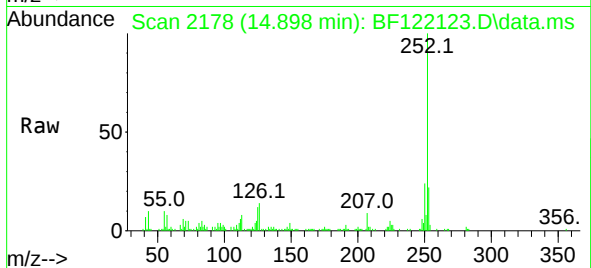
125 11.9 8.0 12.0

Instrument :

BNA_F

ClientSampleId :

COMP-3



#89

Benzo(k)fluoranthene

Concen: 5.47 ng

RT: 14.898 min Scan# 2178

Delta R.T. -0.029 min

Lab File: BF122123.D

Acq: 26 Oct 2020 19:10

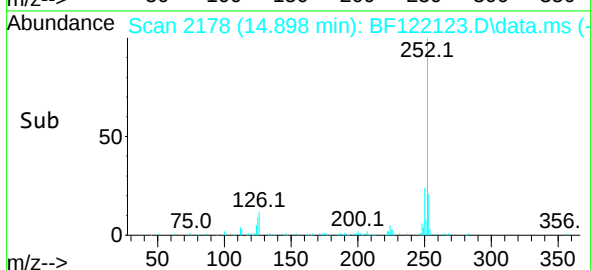
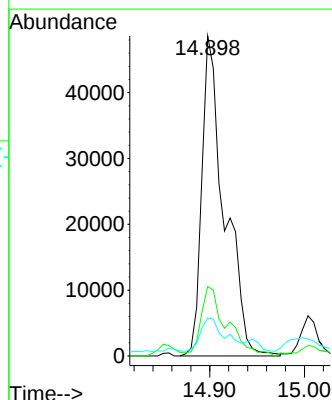
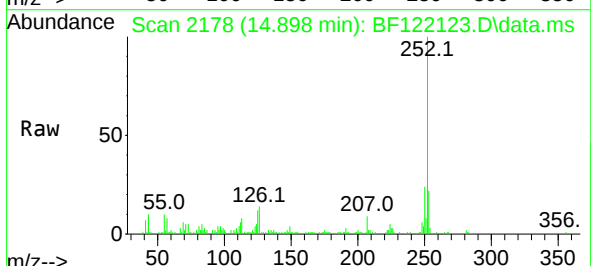
Tgt Ion:252 Resp: 81094

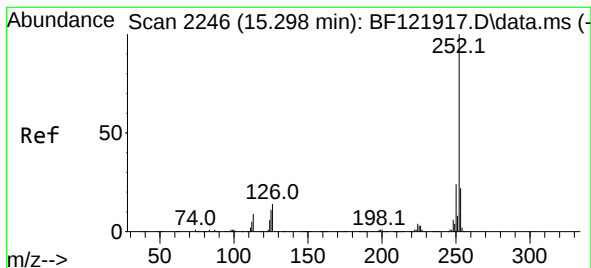
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 11.9 7.7 11.5#

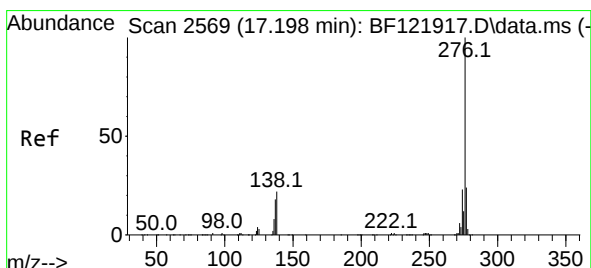
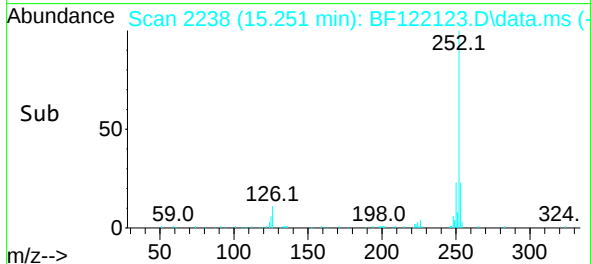
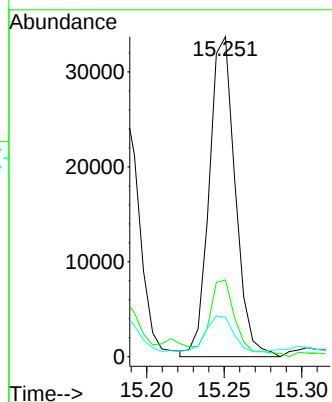
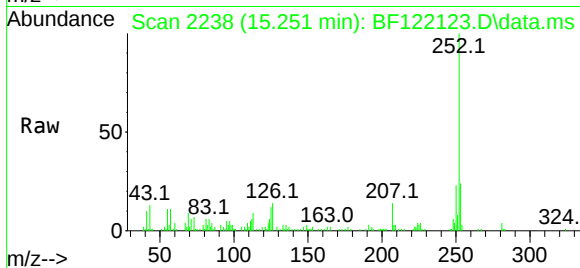




#90
Benzo(a)pyrene
Concen: 2.92 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:252 Resp: 39400
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 12.4 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 2.40 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF122123.D
Acq: 26 Oct 2020 19:10

Tgt Ion:276 Resp: 29617
Ion Ratio Lower Upper
276 100
277 26.5 19.4 29.2
138 20.4 17.8 26.6

