

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122121.D
 Acq On : 26 Oct 2020 18:09
 Operator : JU/CG
 Sample : L4510-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: Oct 27 00:55:07 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)

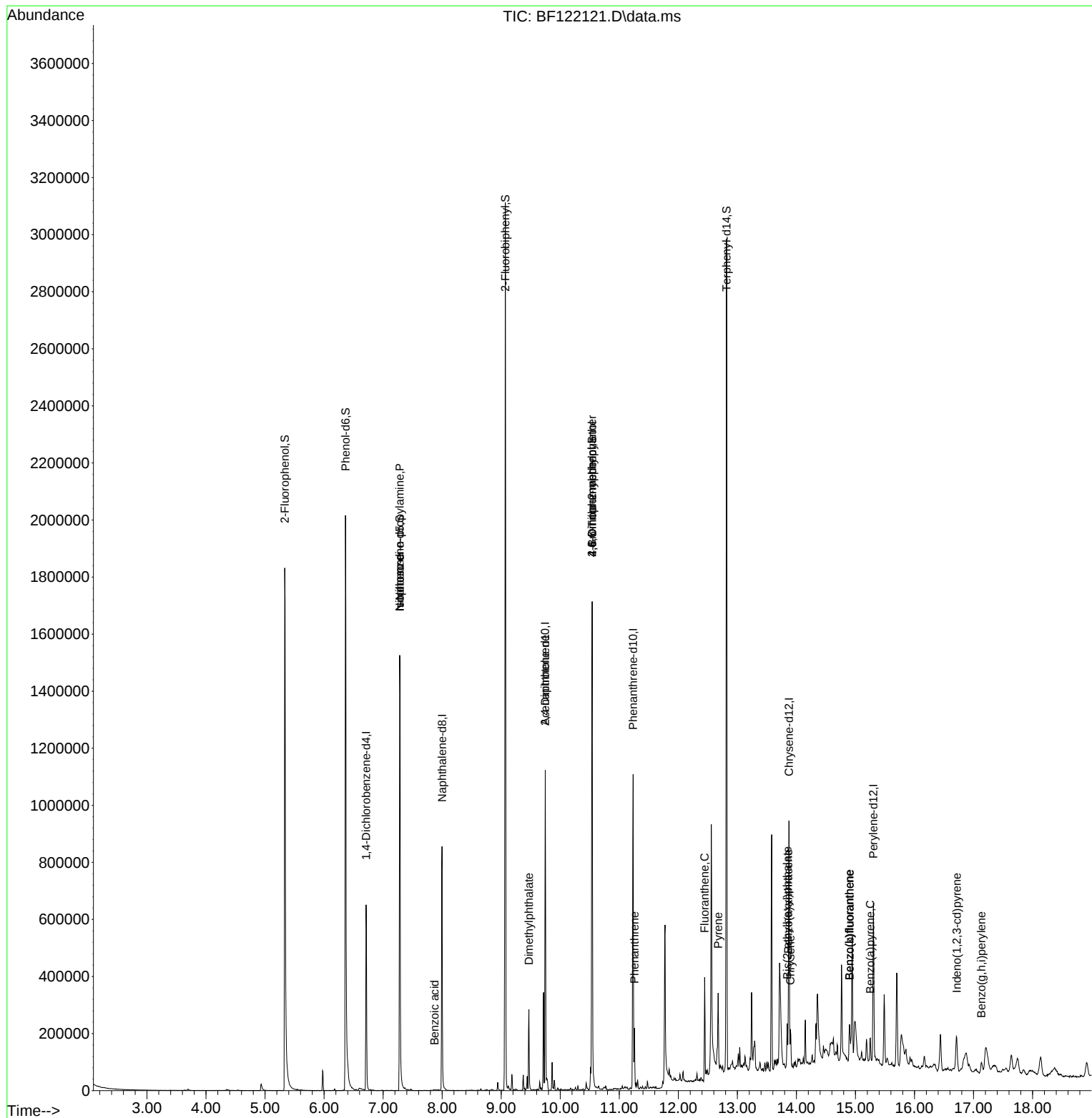
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99103	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	392249	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	204086	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	383180	20.00	ng	0.00
76) Chrysene-d12	13.874	240	262428	20.00	ng	0.00
86) Perylene-d12	15.304	264	227420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	611468	91.06	ng	0.00
7) Phenol-d6	6.363	99	774895	89.65	ng	0.00
23) Nitrobenzene-d5	7.281	82	532749	69.65	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	200965	79.60	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	909450	65.57	ng	0.00
79) Terphenyl-d14	12.815	244	910958	66.15	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.316	77	466	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.281	70	70786	14.38	ng	# 81
25) Isophorone	7.281	82	532744	36.84	ng	# 67
32) Benzoic acid	7.869	122	1100	7.94	ng	91
50) Dimethylphthalate	9.469	163	108655	7.28	ng	100
57) 2,4-Dinitrotoluene	9.745	165	25507	6.33	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	377	4.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	11791	2.66	ng	# 1
71) Phenanthrene	11.257	178	65918	3.14	ng	99
75) Fluoranthene	12.445	202	130021	5.77	ng	97
78) Pyrene	12.674	202	104184	5.21	ng	98
81) Benzo(a)anthracene	13.862	228	54591	3.17	ng	98
83) Chrysene	13.898	228	51064	3.02	ng	98
84) Bis(2-ethylhexyl)phtha...	13.845	149	35570	3.30	ng	99
87) Indeno(1,2,3-cd)pyrene	16.715	276	31412	2.13	ng	97
88) Benzo(b)fluoranthene	14.898	252	82131	5.34	ng	# 98
89) Benzo(k)fluoranthene	14.898	252	82131	5.62	ng	# 97
90) Benzo(a)pyrene	15.251	252	40063	3.02	ng	# 98
92) Benzo(g,h,i)perylene	17.133	276	30181	2.48	ng	96

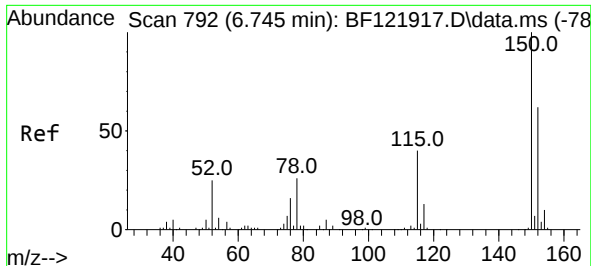
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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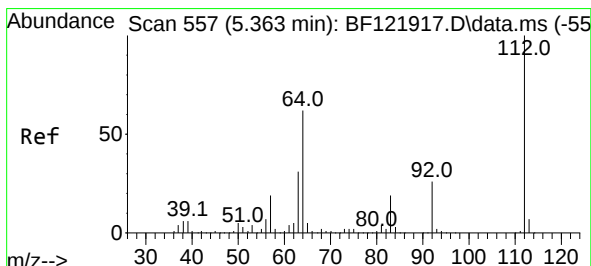
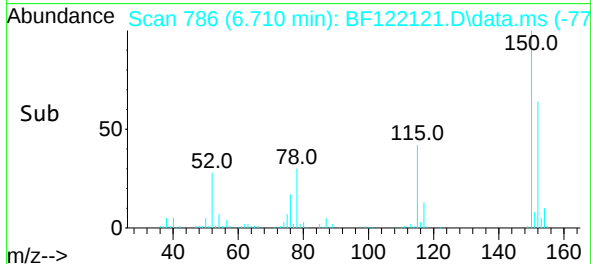
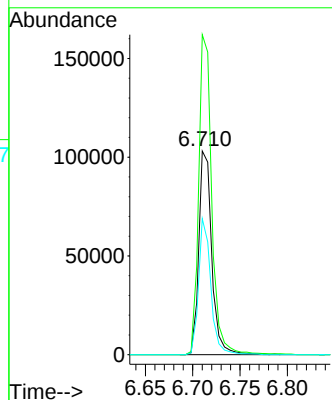
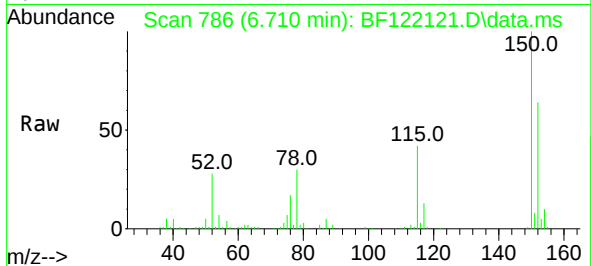




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

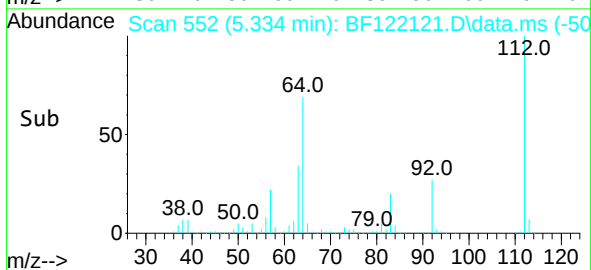
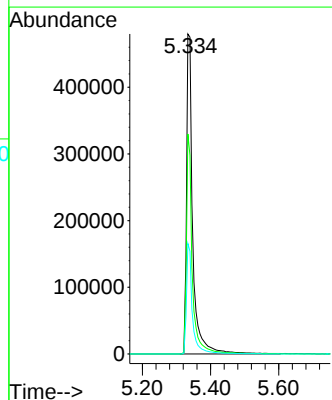
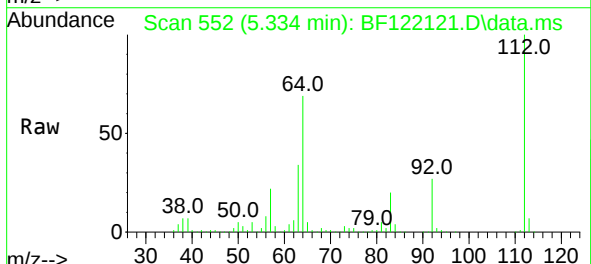
Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion:152 Resp: 99103
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 66.7 51.9 77.9



#5
2-Fluorophenol
Concen: 91.06 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:112 Resp: 611468
Ion Ratio Lower Upper
112 100
64 68.7 50.4 75.6
63 34.5 25.8 38.6

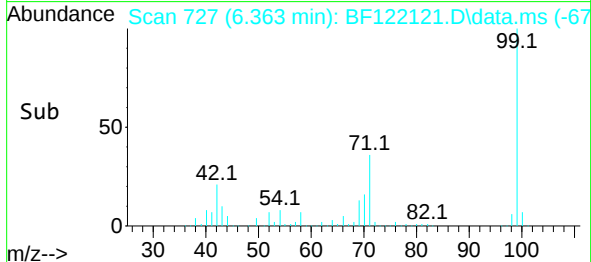
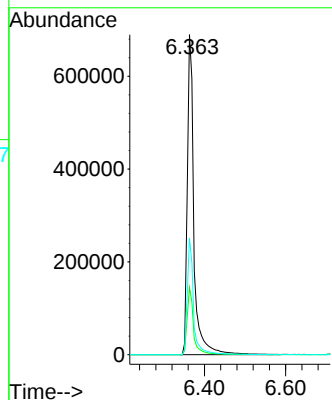
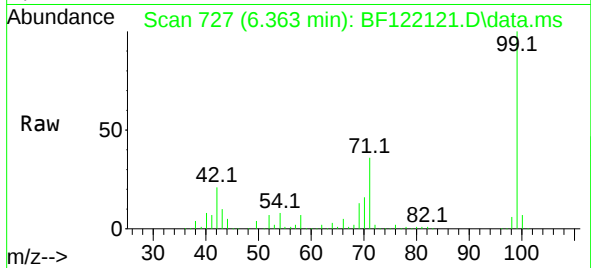




#7
Phenol-d6
Concen: 89.65 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

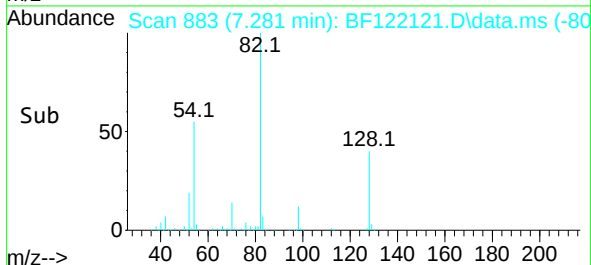
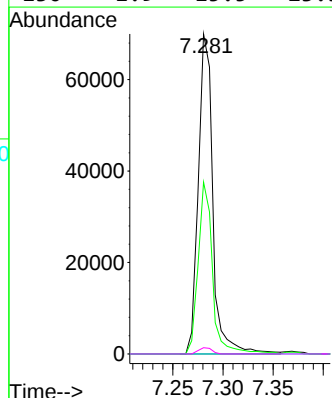
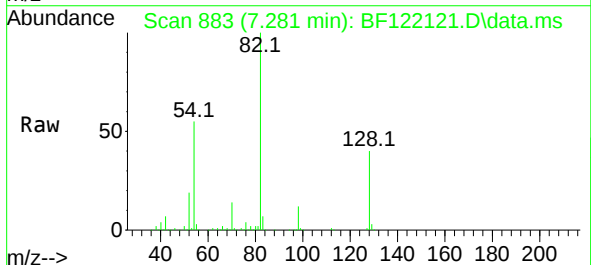
Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion: 99 Resp: 774895
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 36.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.38 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 70 Resp: 70786
Ion Ratio Lower Upper
70 100
42 53.7 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



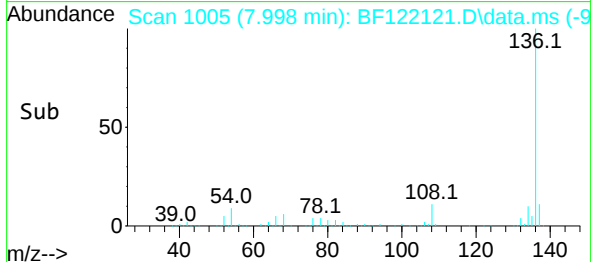
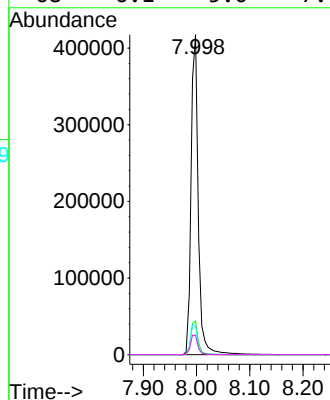
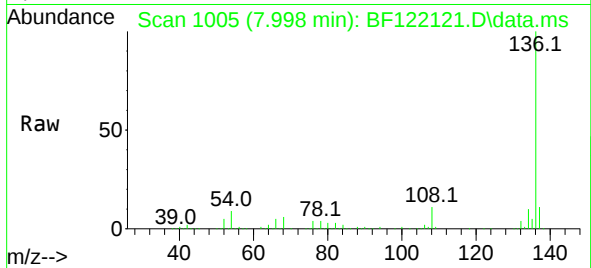


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion:136 Resp: 392249

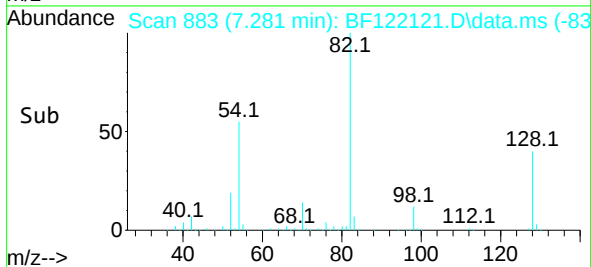
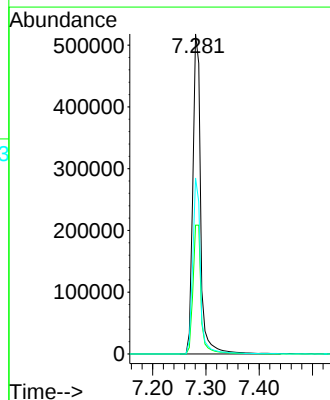
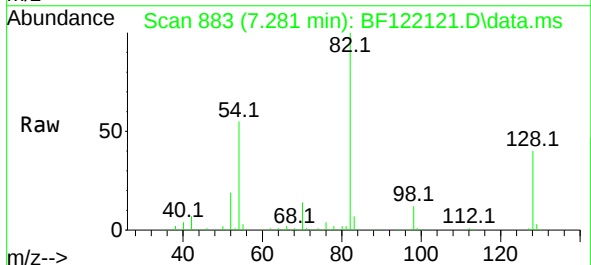
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	7.1	10.7
68	6.1	5.0	7.4

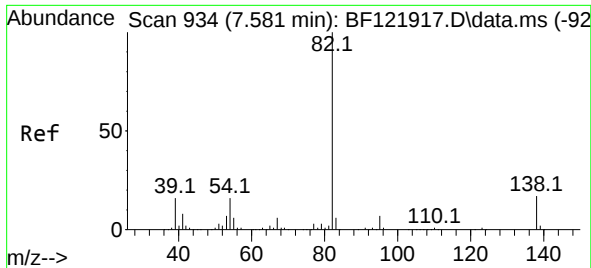


#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 82 Resp: 532749

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.4
54	55.0	43.9	65.9

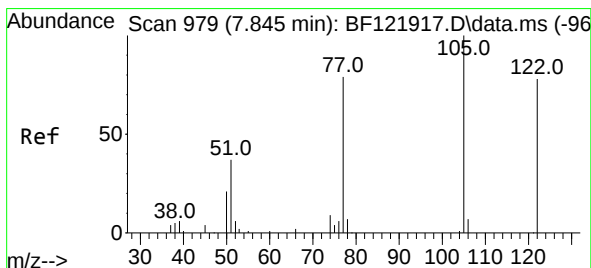
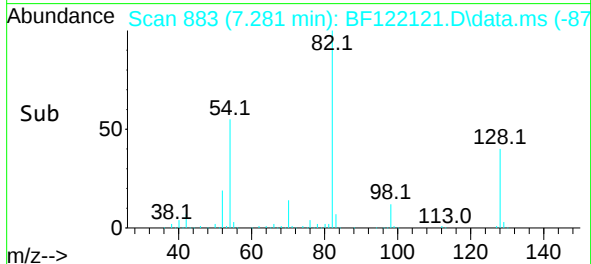
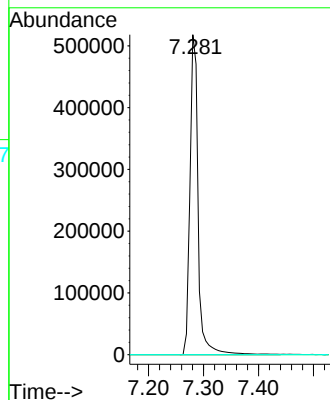
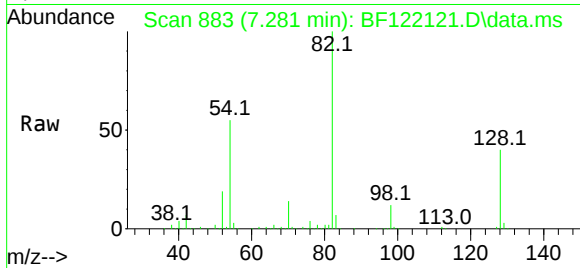




#25
Isophorone
Concen: 36.84 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

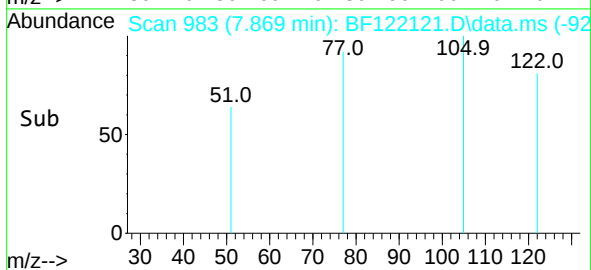
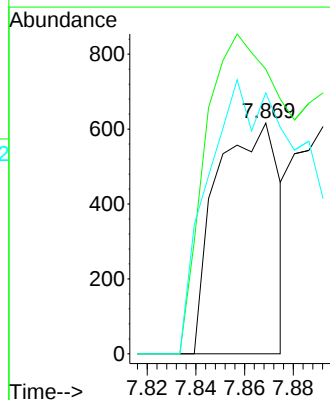
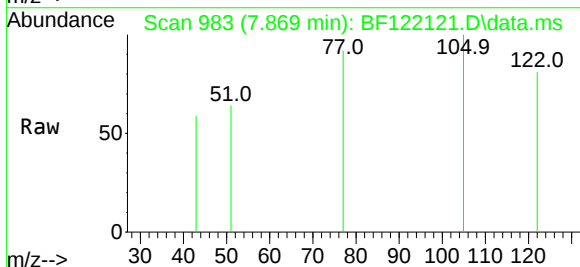
Instrument :
BNA_F
ClientSampleId :
COMP-6

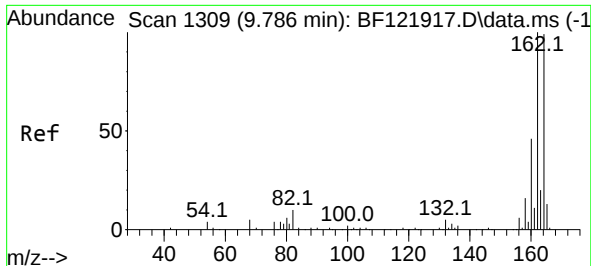
Tgt Ion: 82 Resp: 532744
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.94 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.041 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 122 Resp: 1100
Ion Ratio Lower Upper
122 100
105 123.4 103.3 143.3
77 113.1 73.9 113.9

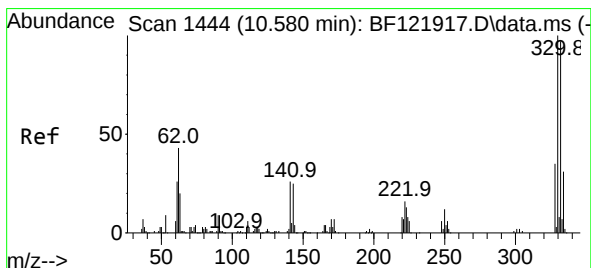
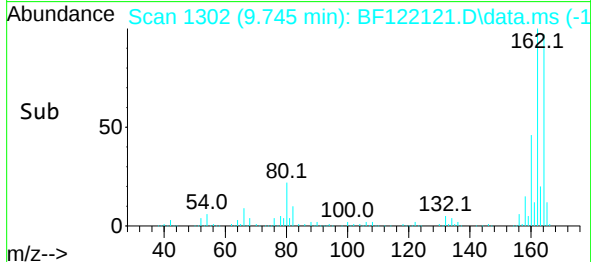
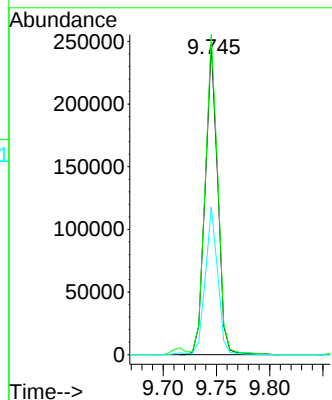
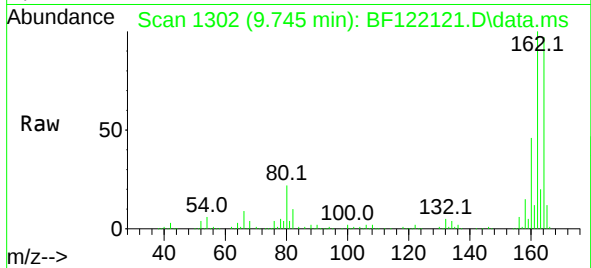




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

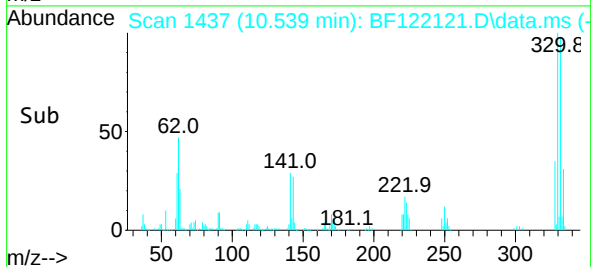
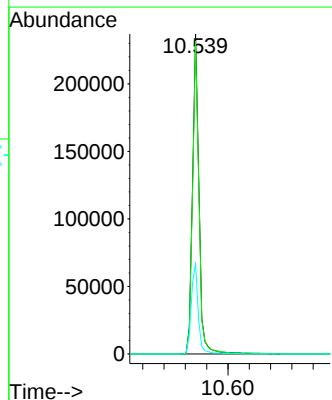
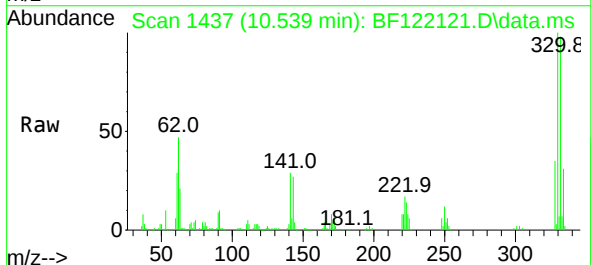
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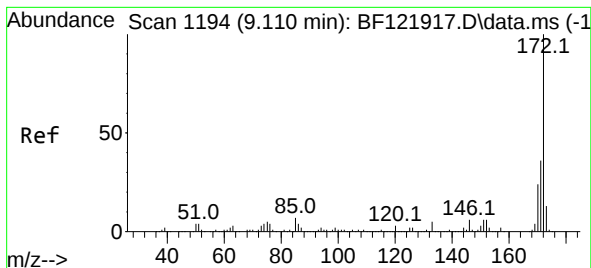
Tgt Ion:164 Resp: 204086
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 47.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 79.60 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:330 Resp: 200965
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.2 22.3 33.5

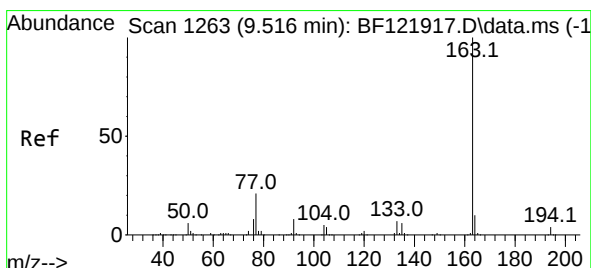
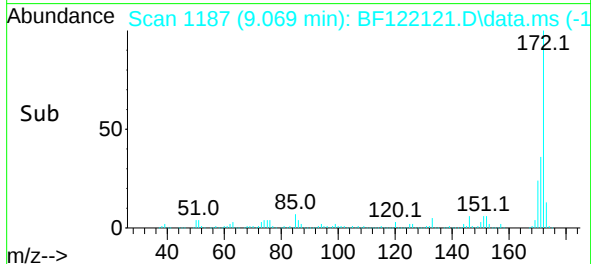
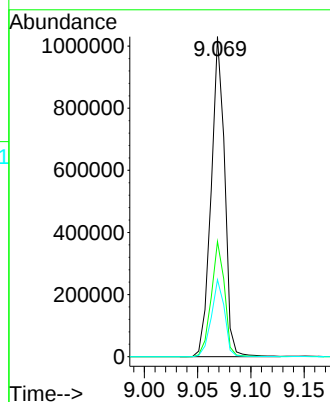
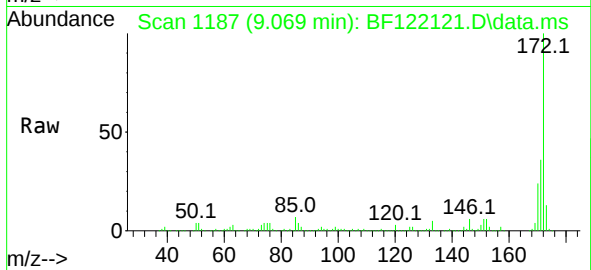




#45
2-Fluorobiphenyl
Concen: 65.57 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

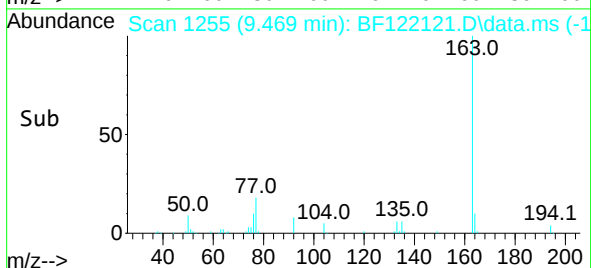
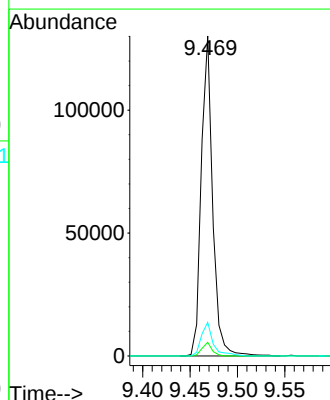
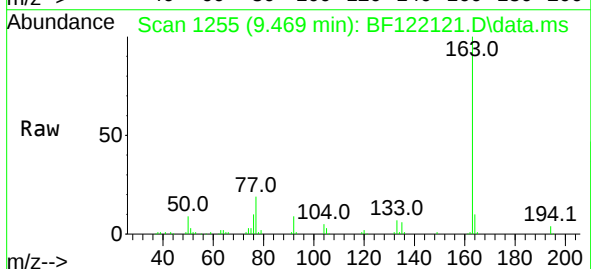
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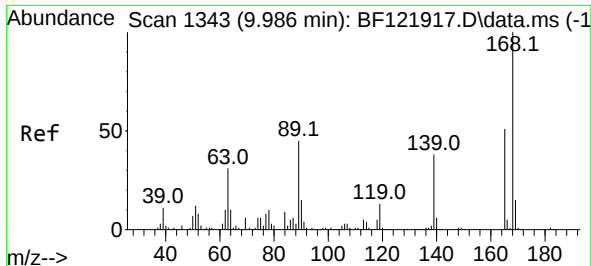
Tgt Ion:172 Resp: 909450
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.0 19.8 29.6



#50
Dimethylphthalate
Concen: 7.28 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

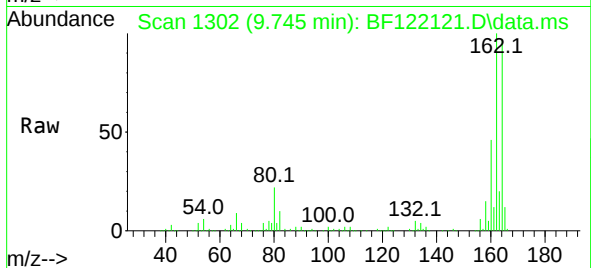
Tgt Ion:163 Resp: 108655
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.2 12.4



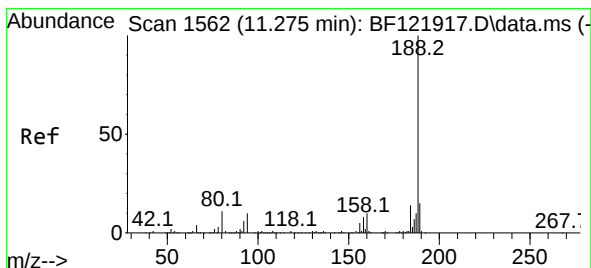
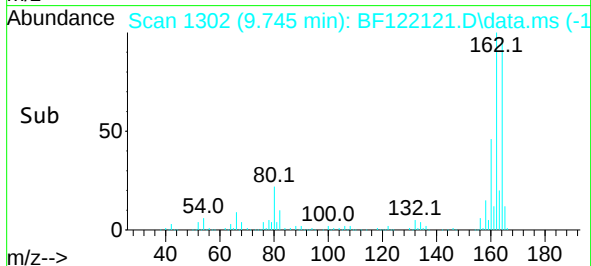
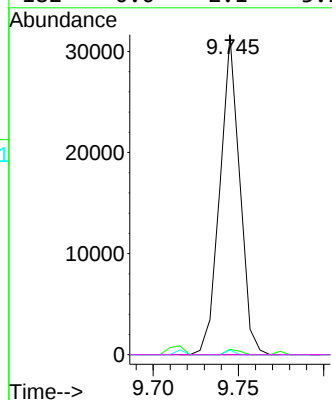


#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Instrument :
BNA_F
ClientSampled :
COMP-6

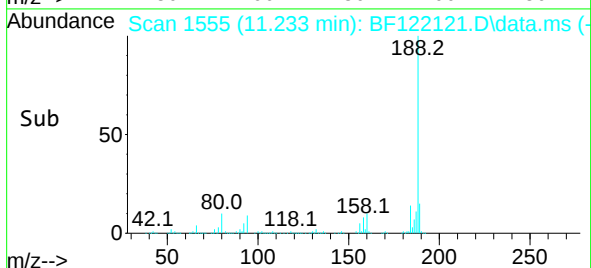
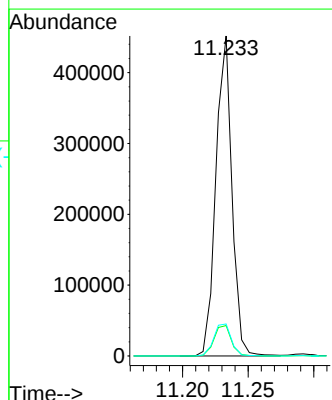
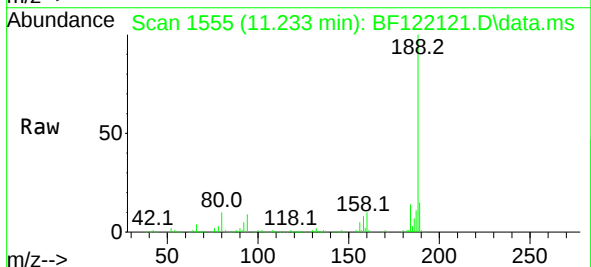


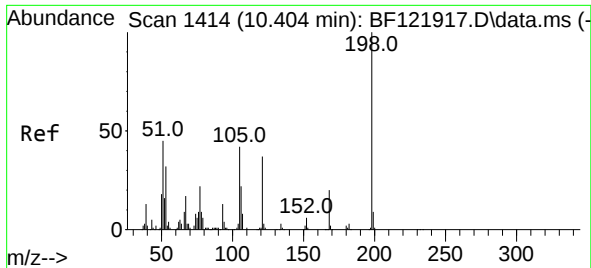
Tgt Ion:165 Resp: 25507
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:188 Resp: 383180
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.0 9.1 13.7

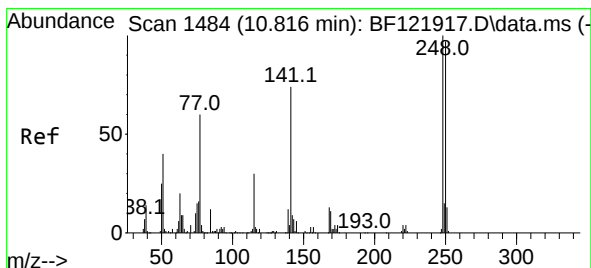
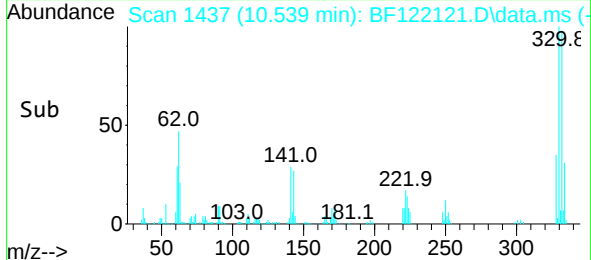
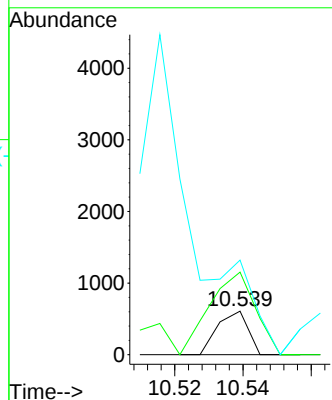
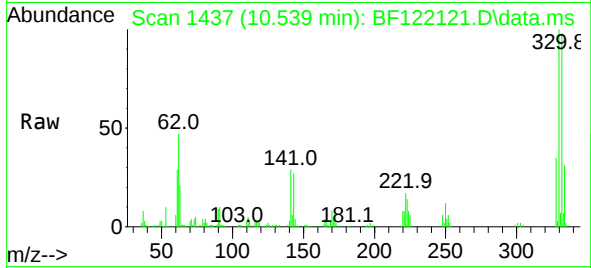




#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

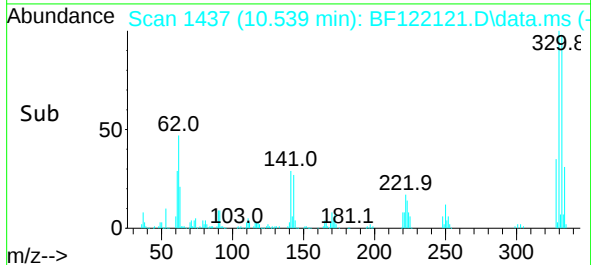
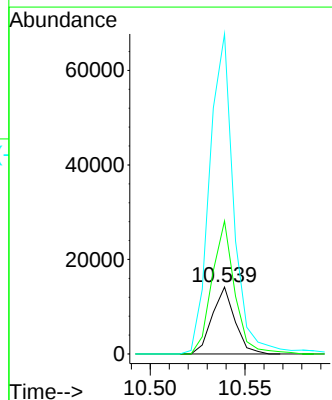
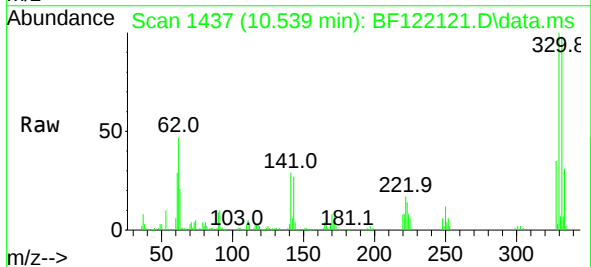
Instrument :
BNA_F
ClientSampled :
COMP-6

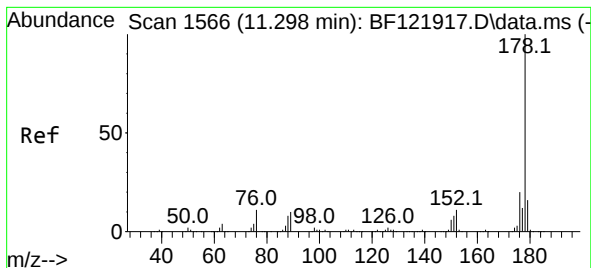
Tgt Ion:198 Resp: 377
Ion Ratio Lower Upper
198 100
51 189.5 29.6 69.6#
105 216.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:248 Resp: 11791
Ion Ratio Lower Upper
248 100
250 198.6 77.0 115.6#
141 478.0 53.7 80.5#

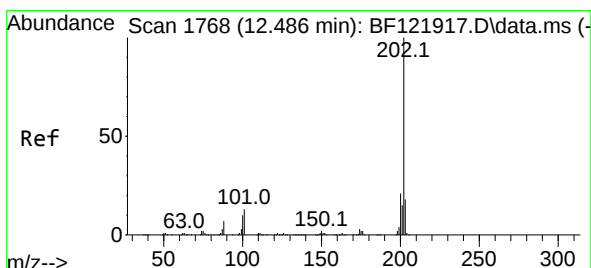
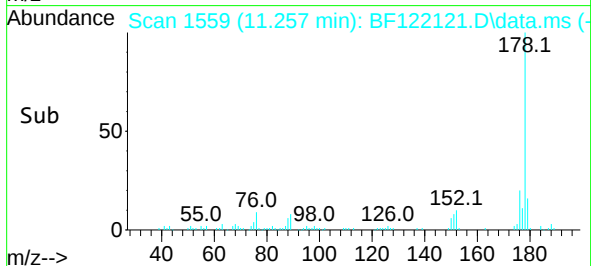
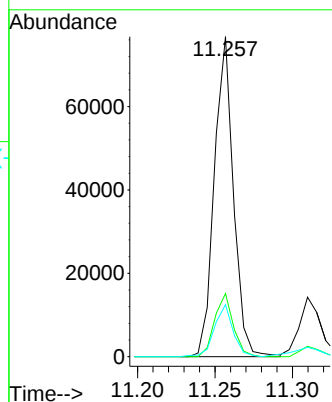
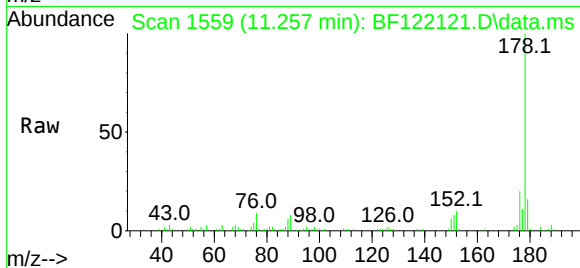




#71
Phenanthrene
Concen: 3.14 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

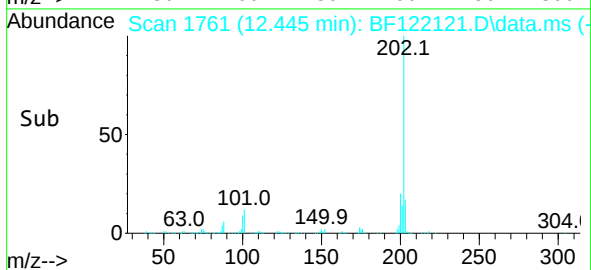
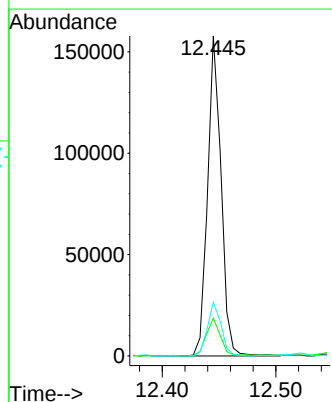
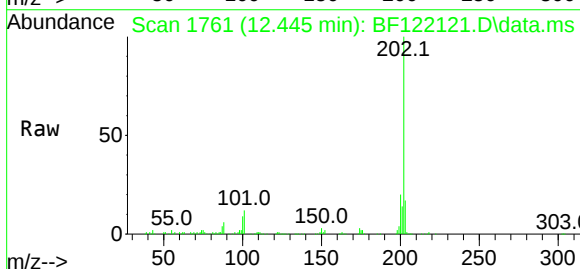
Instrument :
BNA_F
ClientSampleId :
COMP-6

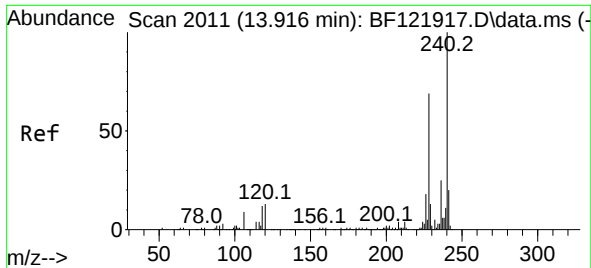
Tgt Ion:178 Resp: 65918
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.3 12.2 18.4



#75
Fluoranthene
Concen: 5.77 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:202 Resp: 130021
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.4
203 16.8 0.0 37.9

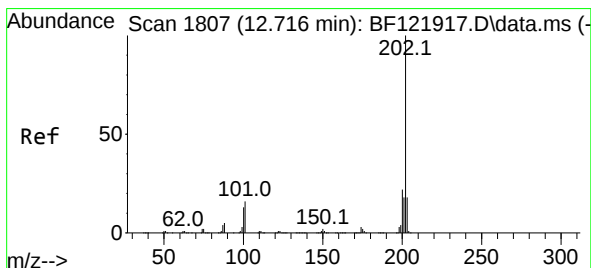
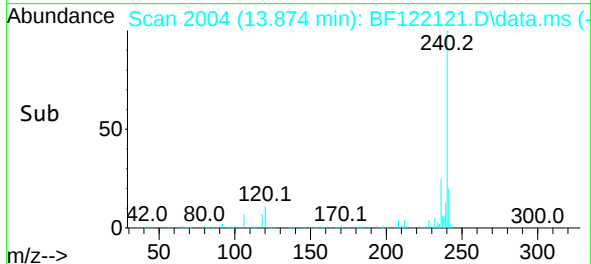
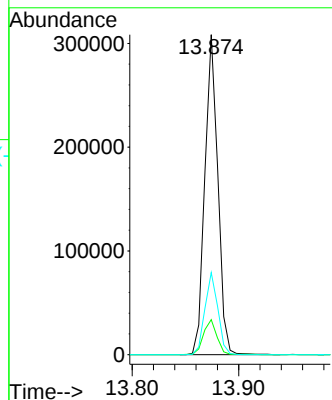
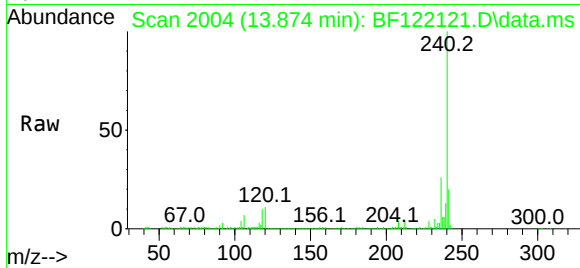




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

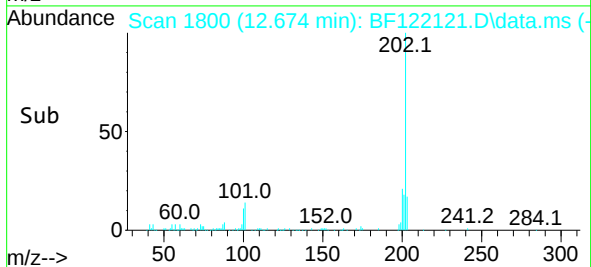
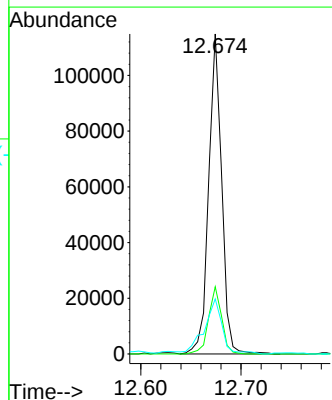
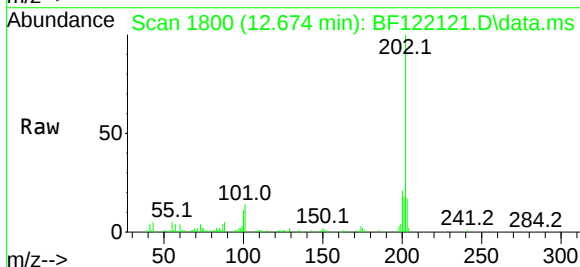
Instrument :
BNA_F
ClientSampleId :
COMP-6

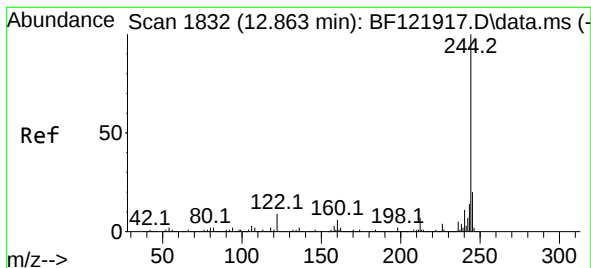
Tgt Ion:240 Resp: 262428
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.7 20.9 31.3



#78
Pyrene
Concen: 5.21 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:202 Resp: 104184
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.2 14.6 21.8





#79

Terphenyl-d14

Concen: 66.15 ng

RT: 12.815 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF122121.D

Acq: 26 Oct 2020 18:09

Tgt Ion:244 Resp: 910958

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

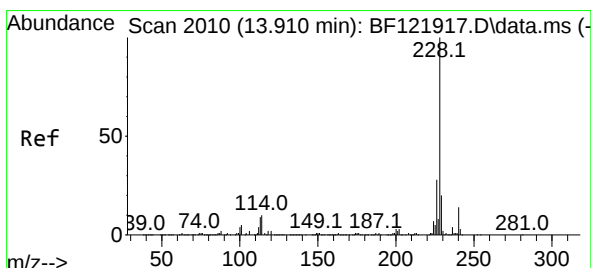
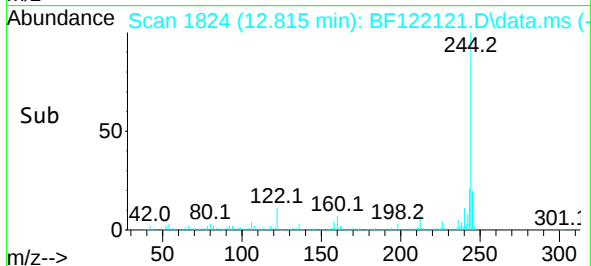
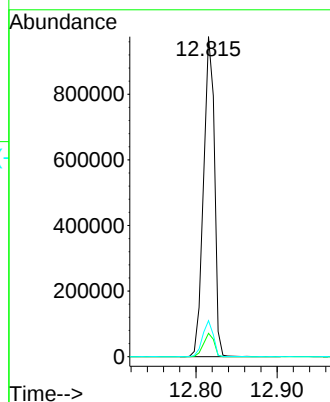
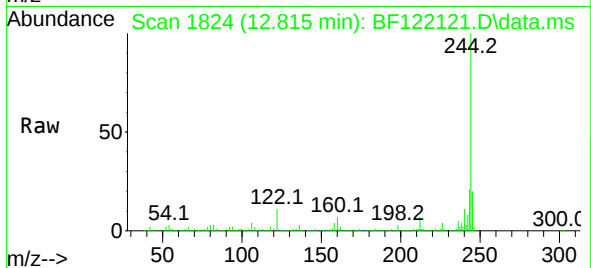
122 11.2 8.1 12.1

Instrument :

BNA_F

ClientSampleId :

COMP-6



#81

Benzo(a)anthracene

Concen: 3.17 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF122121.D

Acq: 26 Oct 2020 18:09

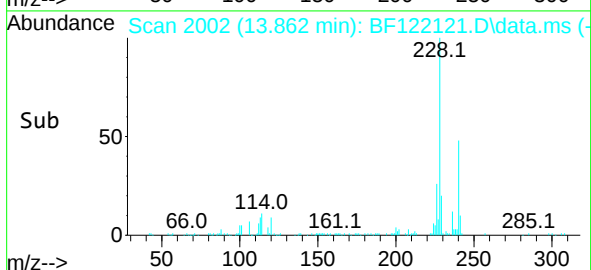
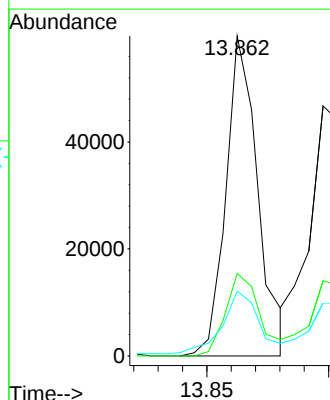
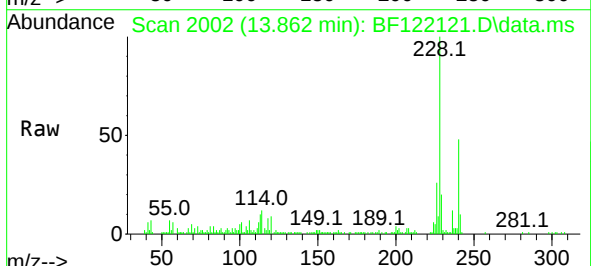
Tgt Ion:228 Resp: 54591

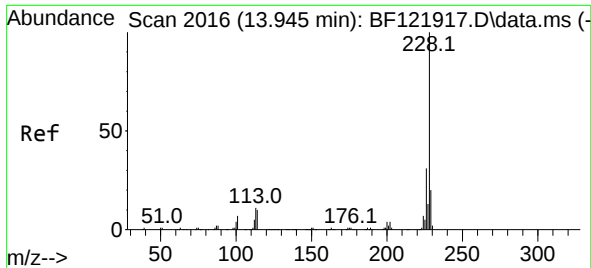
Ion Ratio Lower Upper

228 100

226 25.8 22.3 33.5

229 20.3 16.2 24.4

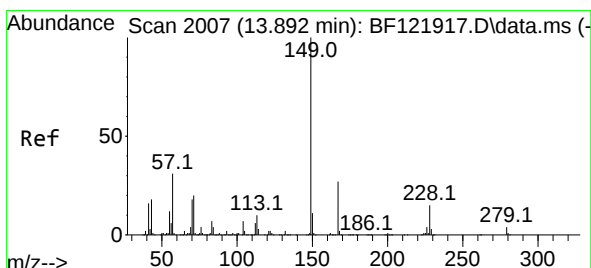
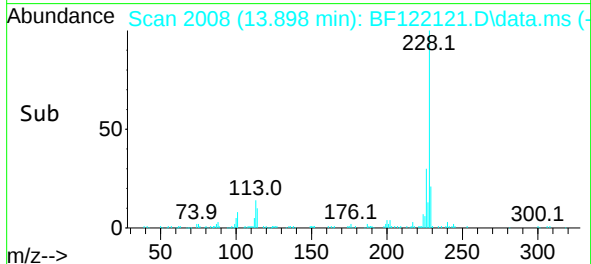
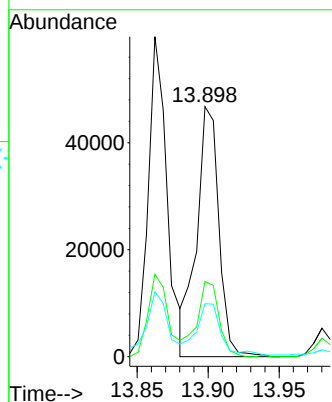
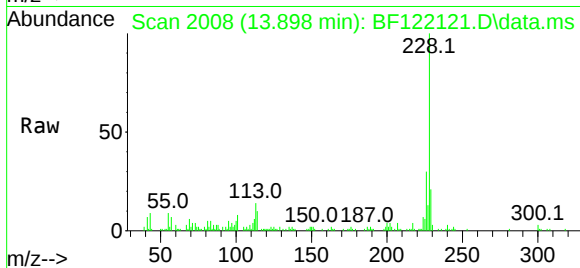




#83
Chrysene
Concen: 3.02 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

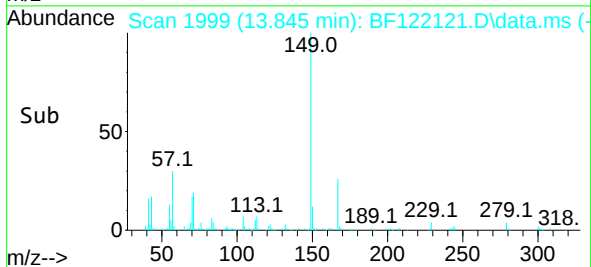
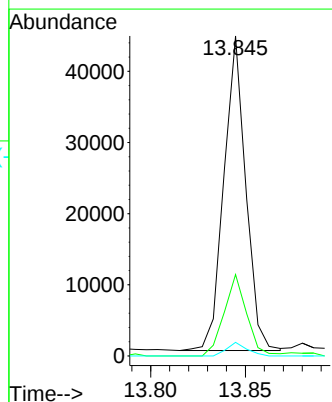
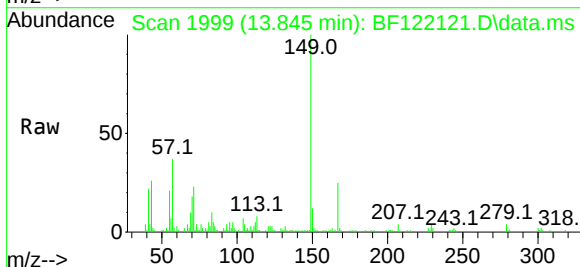
Instrument :
BNA_F
ClientSampleId :
COMP-6

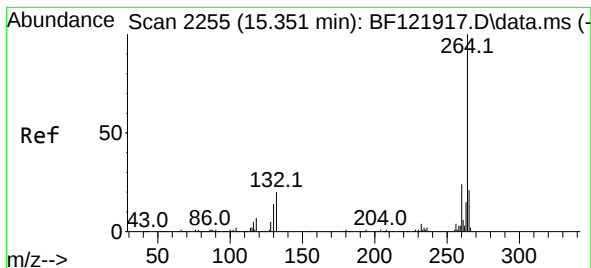
Tgt Ion:228	Resp:	51064
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.6 37.0
229	21.2	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.30 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:149	Resp:	35570
Ion Ratio	Lower	Upper
149	100	
167	25.4	20.9 31.3
279	4.3	3.2 4.8

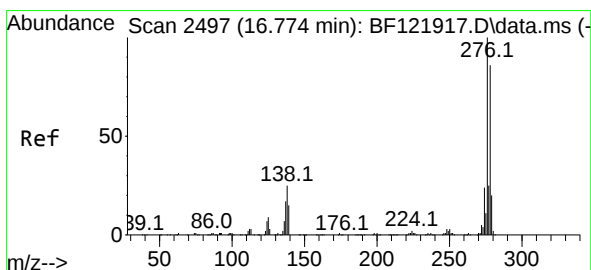
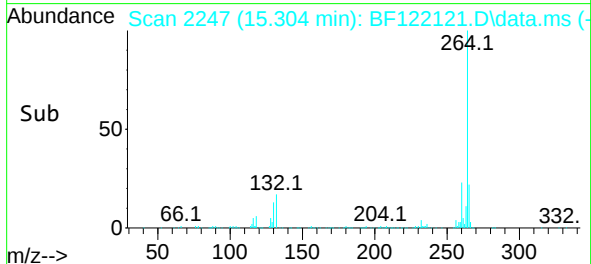
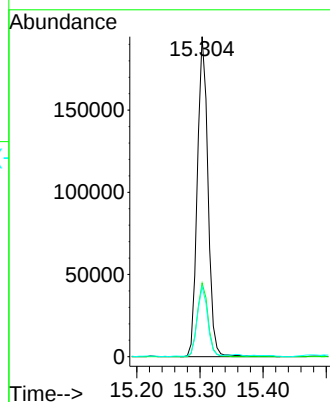
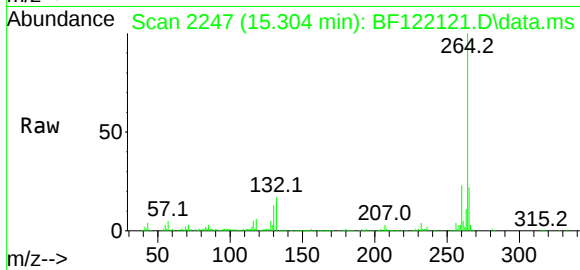




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

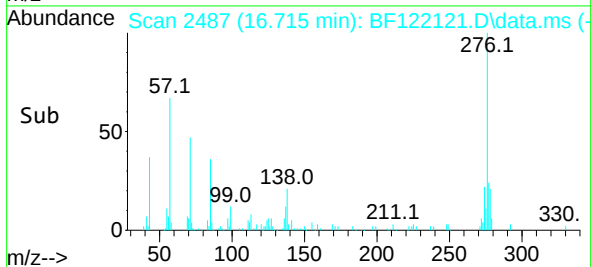
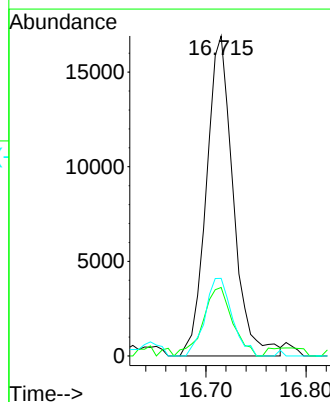
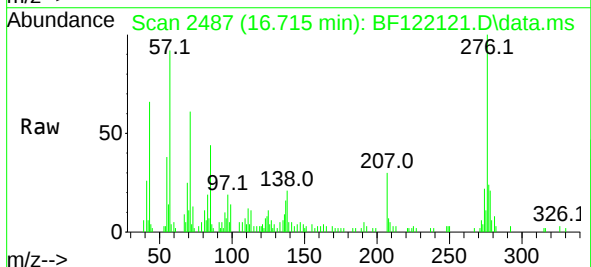
Instrument :
BNA_F
ClientSampleId :
COMP-6

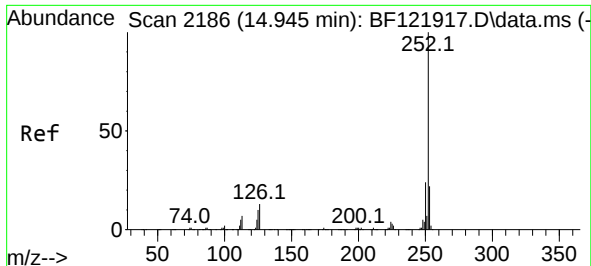
Tgt Ion:264 Resp: 227420
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.9 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 16.715 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:276 Resp: 31412
Ion Ratio Lower Upper
276 100
138 23.4 19.9 29.9
277 24.4 20.4 30.6

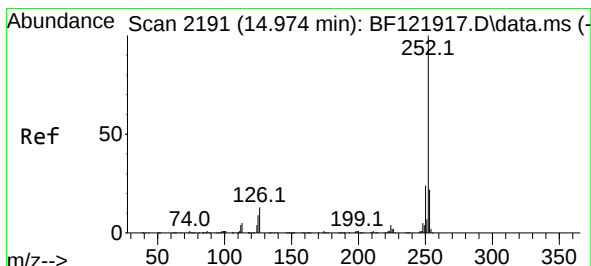
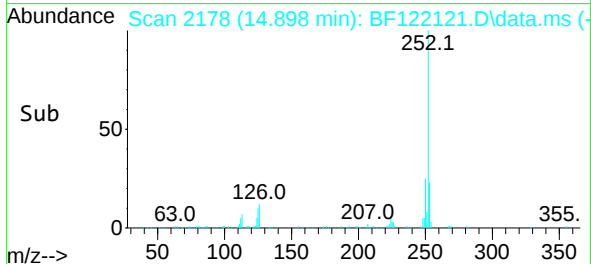
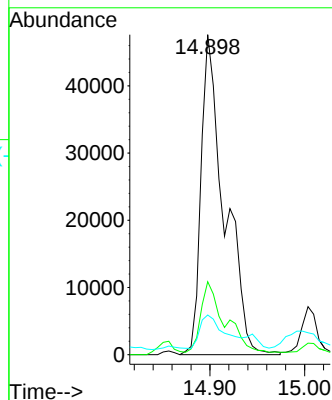
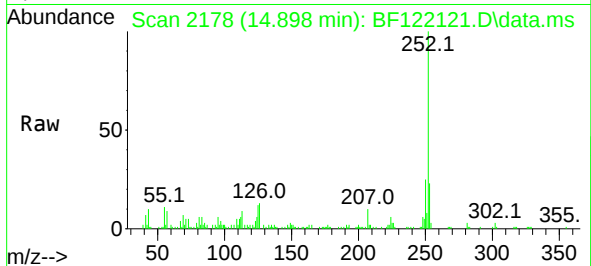




#88
Benzo(b)fluoranthene
Concen: 5.34 ng
RT: 14.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

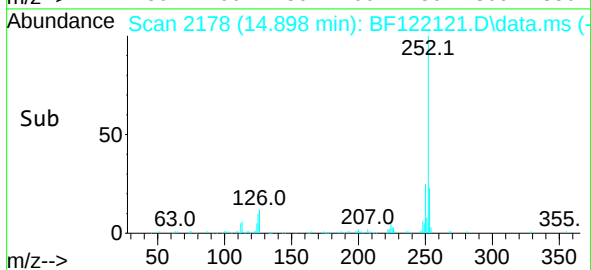
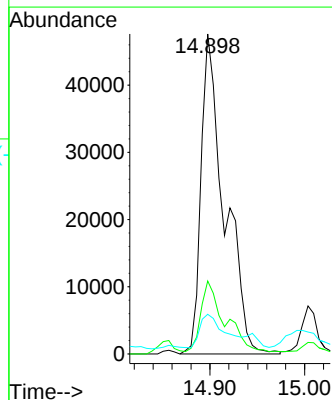
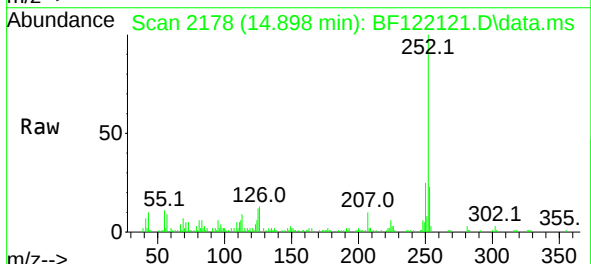
Instrument :
BNA_F
ClientSampleId :
COMP-6

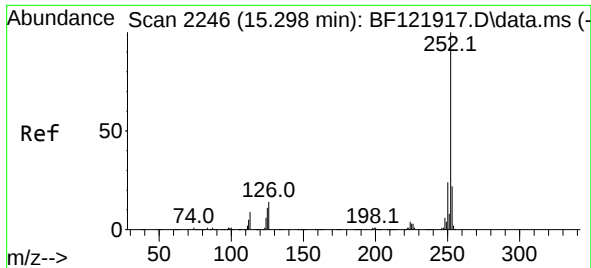
Tgt Ion:252 Resp: 82131
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 5.62 ng
RT: 14.898 min Scan# 2178
Delta R.T. -0.030 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:252 Resp: 82131
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.4 7.7 11.5#

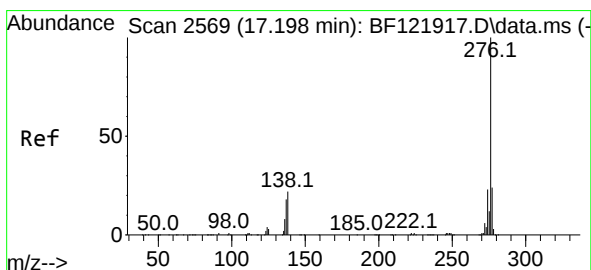
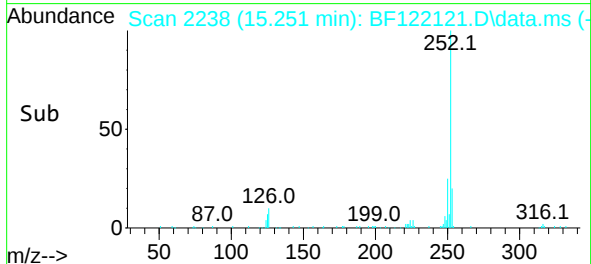
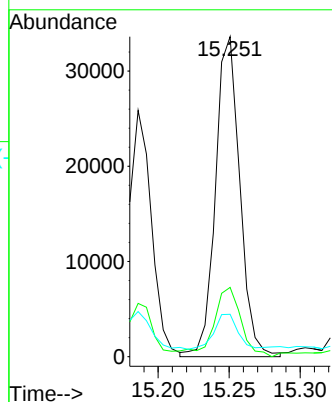
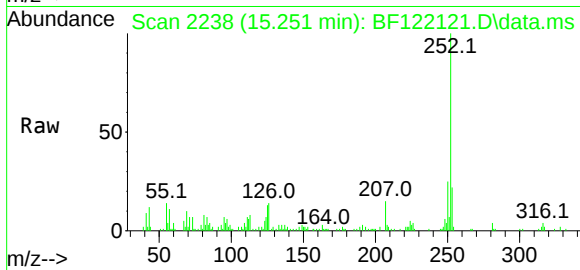




#90
Benzo(a)pyrene
Concen: 3.02 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion:252 Resp: 40063
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 13.2 8.6 13.0#



#92
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:276 Resp: 30181
Ion Ratio Lower Upper
276 100
277 25.9 19.4 29.2
138 25.0 17.8 26.6

