

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123071.D
 Acq On : 28 Jan 2021 21:18
 Operator : JU/CG
 Sample : M1253-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124055

Quant Time: Jan 28 23:43:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

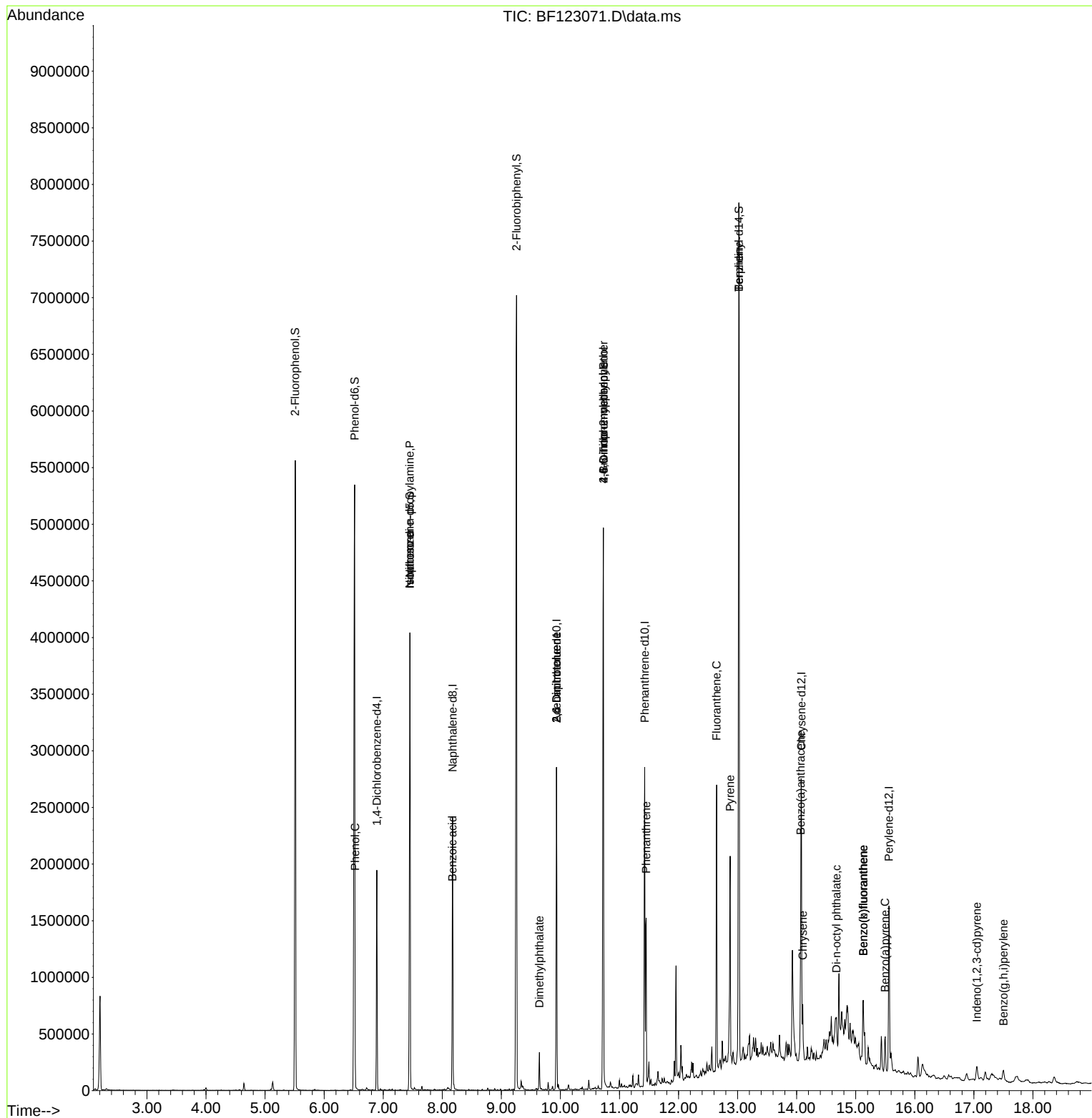
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	267432	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1035943	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	562998	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	1012861	20.00	ng	0.00
76) Chrysene-d12	14.080	240	803882	20.00	ng	0.00
86) Perylene-d12	15.563	264	643960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1746839	100.76	ng	0.00
7) Phenol-d6	6.516	99	2198754	93.57	ng	0.00
23) Nitrobenzene-d5	7.451	82	1402737	68.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	657654	107.61	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2469911	65.22	ng	0.00
79) Terphenyl-d14	13.022	244	2735835	66.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	68564	2.94	ng	89
19) n-Nitroso-di-n-propyla...	7.451	70	187046	13.24	ng	# 81
25) Isophorone	7.451	82	1398532	37.09	ng	# 65
32) Benzoic acid	8.169	122	116	4.92	ng	# 1
50) Dimethylphthalate	9.645	163	124522	2.82	ng	99
51) 2,6-Dinitrotoluene	9.933	165	72241	7.68	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	72241	5.90	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1311	5.19	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	42690	3.31	ng	# 1
71) Phenanthrene	11.451	178	565203	8.99	ng	98
75) Fluoranthene	12.645	202	953156	15.16	ng	99
77) Benzidine	13.022	184	36592	2.01	ng	# 92
78) Pyrene	12.874	202	735553	12.12	ng	99
81) Benzo(a)anthracene	14.069	228	267638	4.92	ng	99
83) Chrysene	14.104	228	235265	4.32	ng	95
85) Di-n-octyl phthalate	14.674	149	161223	2.77	ng	# 49
87) Indeno(1,2,3-cd)pyrene	17.051	276	85812	2.00	ng	99
88) Benzo(b)fluoranthene	15.127	252	421826	9.08	ng	97
89) Benzo(k)fluoranthene	15.127	252	421826	9.77	ng	99
90) Benzo(a)pyrene	15.498	252	156542	3.83	ng	97
92) Benzo(g,h,i)perylene	17.504	276	78853	2.31	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123071.D
Acq On : 28 Jan 2021 21:18
Operator : JU/CG
Sample : M1253-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124055

Quant Time: Jan 28 23:43:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

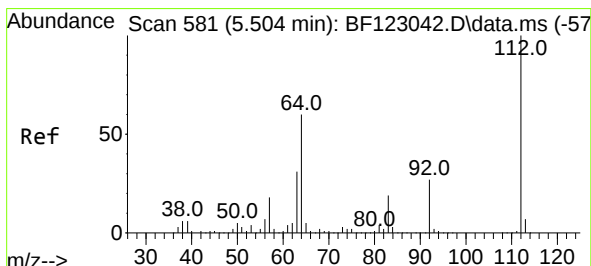
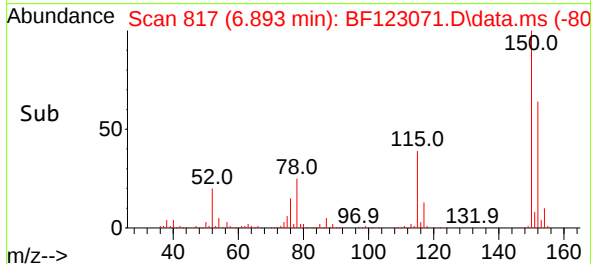
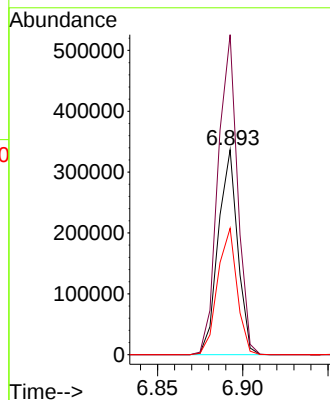
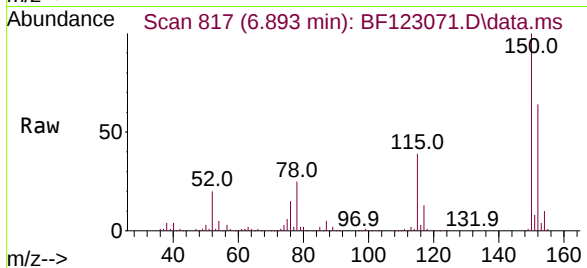




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

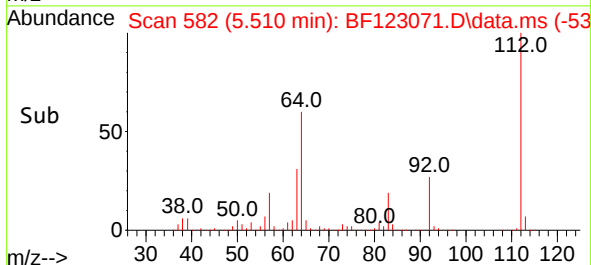
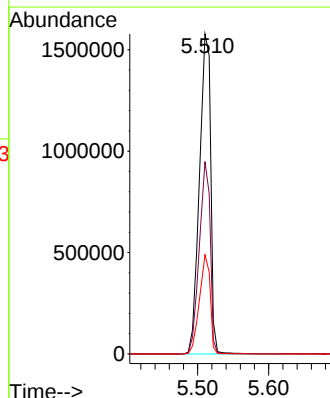
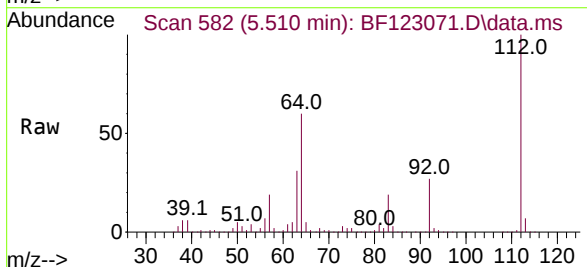
Instrument :
BNA_F
ClientSampleId :
124055

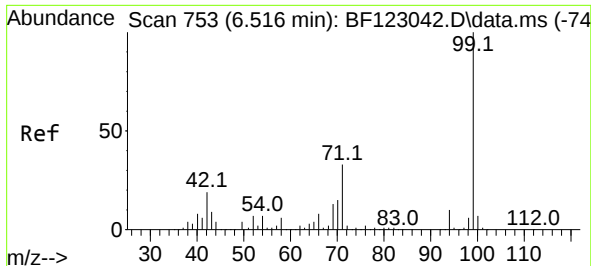
Tgt Ion:152 Resp: 267432
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 100.76 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:112 Resp: 1746839
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.0 24.5 36.7



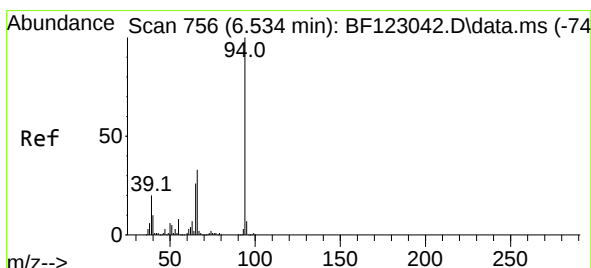
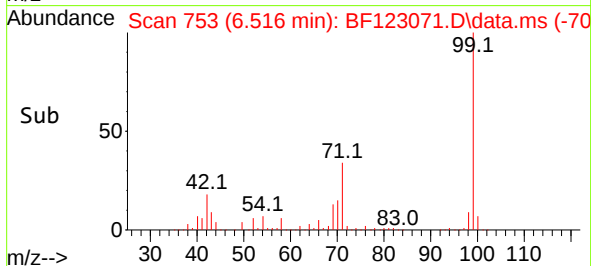
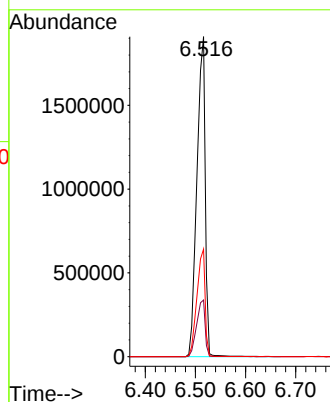
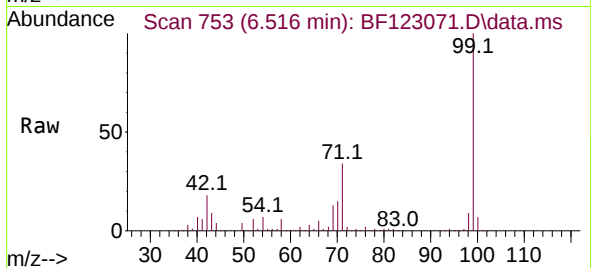


#7
Phenol-d6
Concen: 93.57 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Instrument :
BNA_F
ClientSampleId :
124055

Tgt Ion: 99 Resp: 2198754

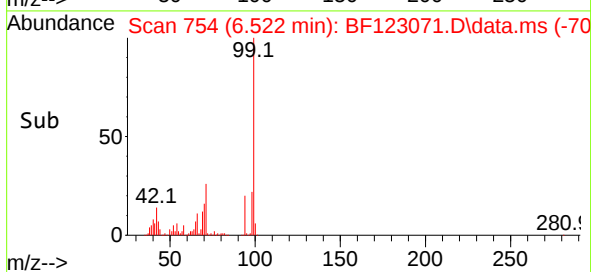
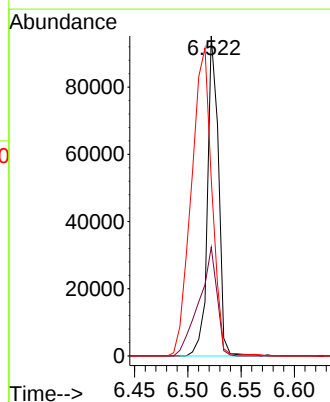
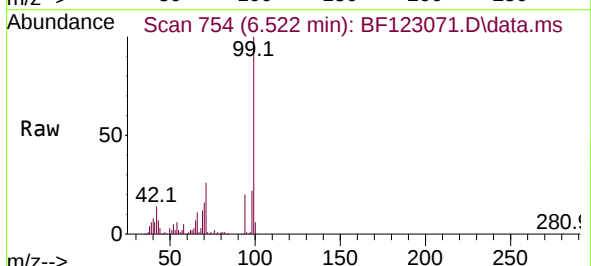
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	33.6	26.9	40.3

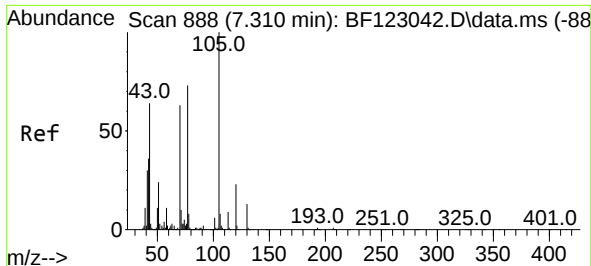


#10
Phenol
Concen: 2.94 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion: 94 Resp: 68564

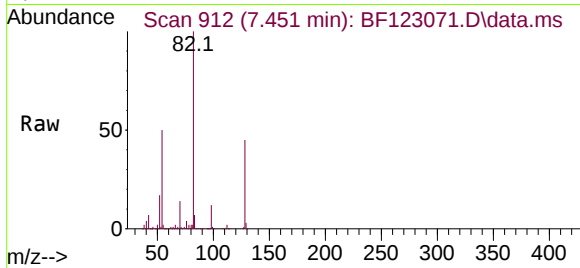
Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.2	51.2
66	55.3	25.8	65.8



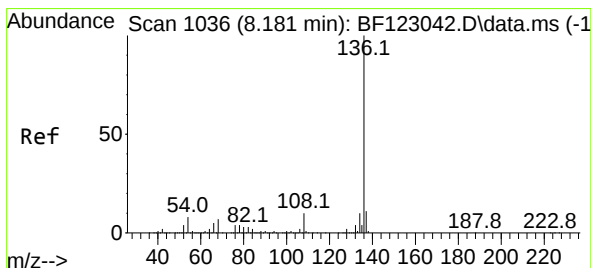
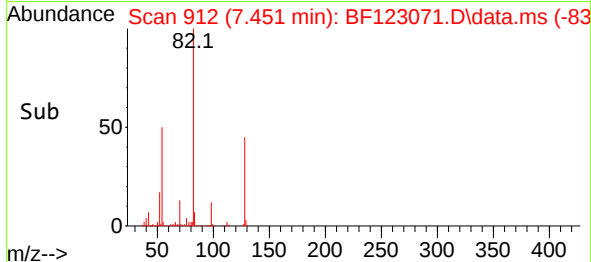
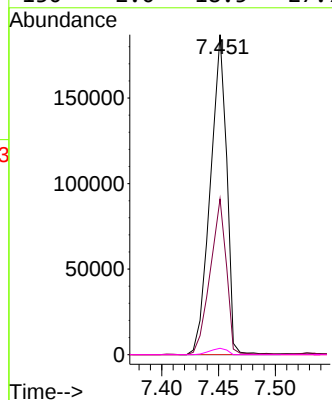


#19
n-Nitroso-di-n-propylamine
Concen: 13.24 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Instrument :
BNA_F
ClientSampleId :
124055

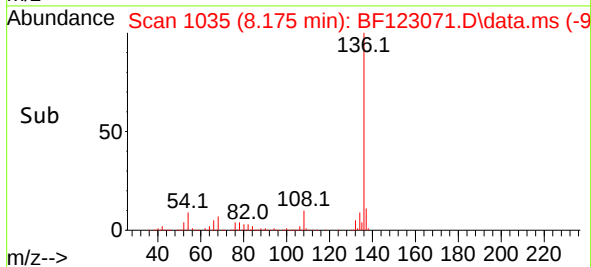
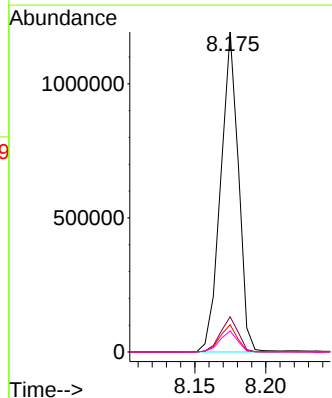
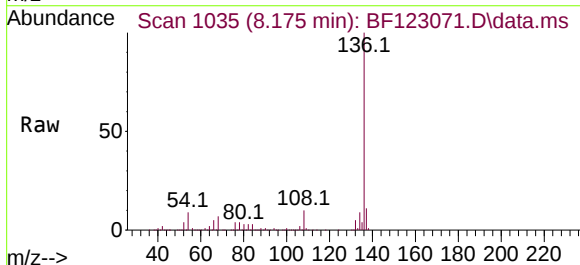


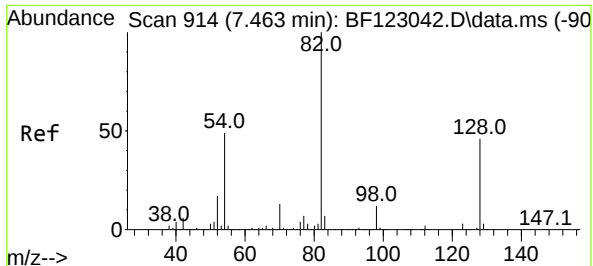
Tgt Ion: 70 Resp: 187046
Ion Ratio Lower Upper
70 100
42 48.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion: 136 Resp: 1035943
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 5.5 8.3#
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 68.15 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123071.D

Acq: 28 Jan 2021 21:18

Tgt Ion: 82 Resp: 1402737

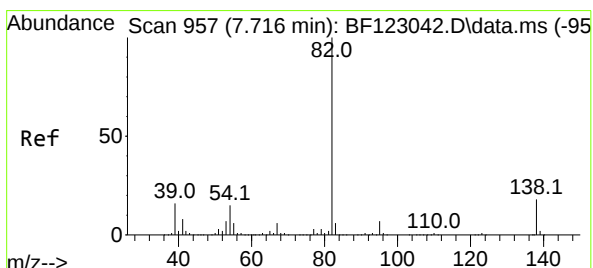
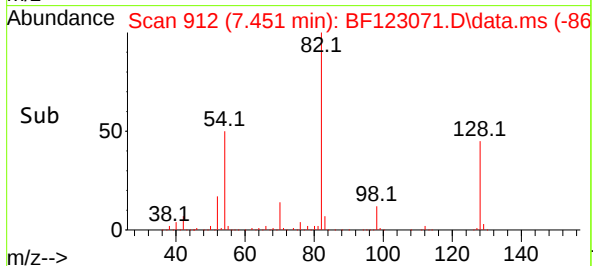
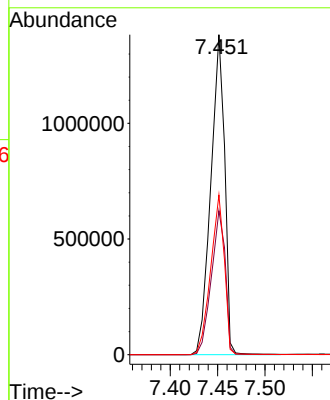
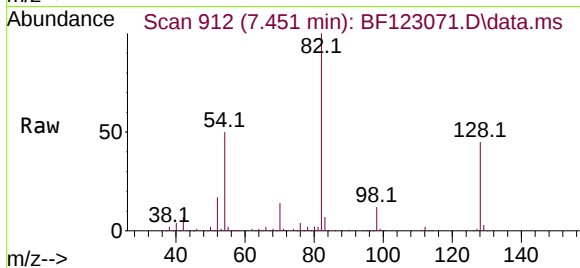
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	49.9	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

124055



#25

Isophorone

Concen: 37.09 ng

RT: 7.451 min Scan# 912

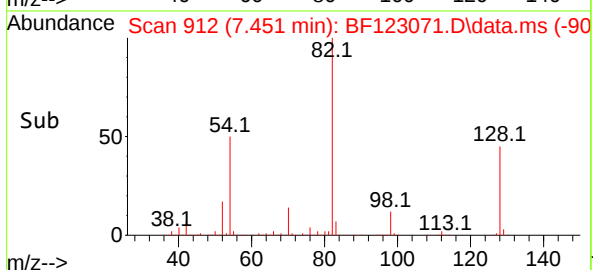
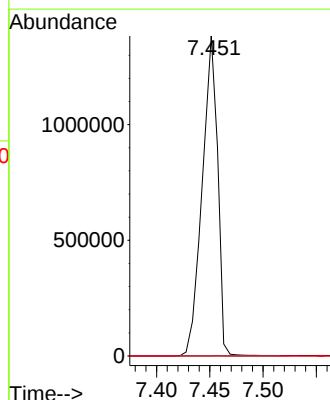
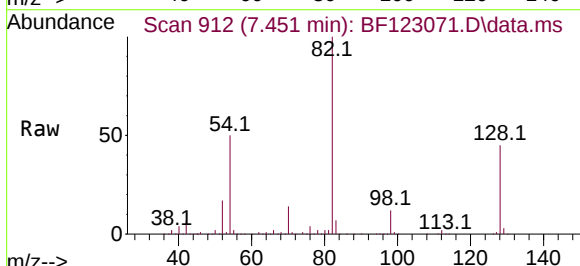
Delta R.T. -0.265 min

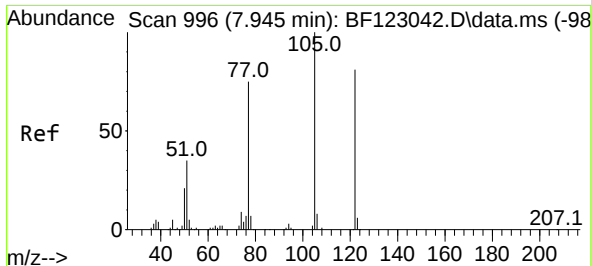
Lab File: BF123071.D

Acq: 28 Jan 2021 21:18

Tgt Ion: 82 Resp: 1398532

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

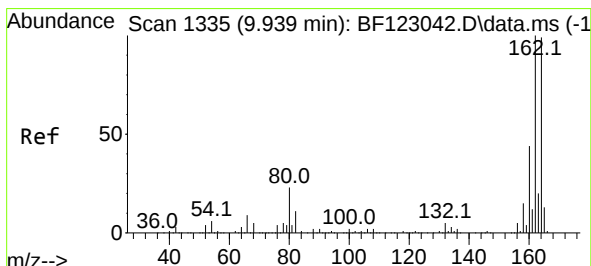
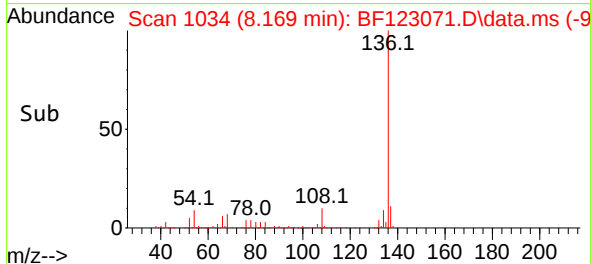
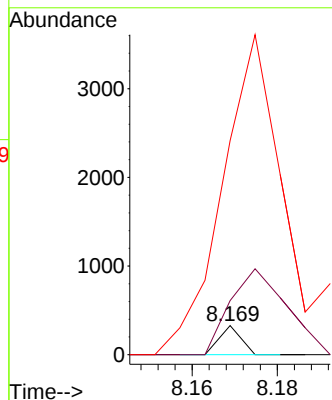
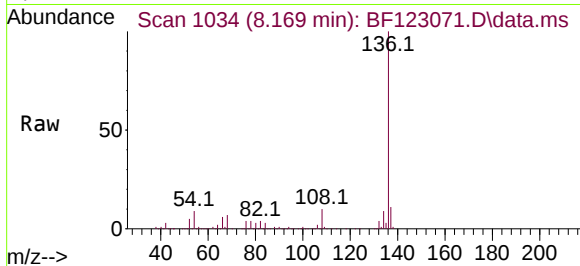




#32
Benzoic acid
Concen: 4.92 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.224 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

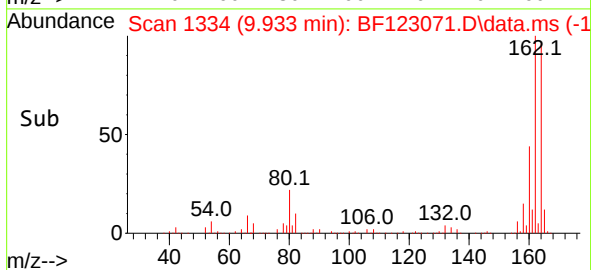
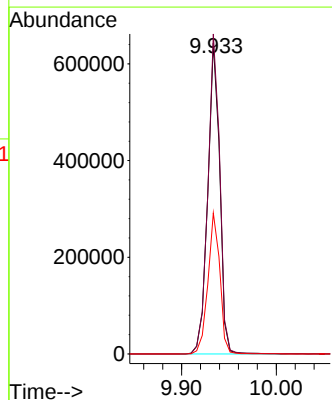
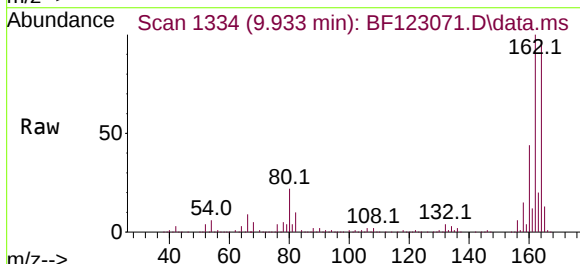
Instrument :
BNA_F
ClientSampleId :
124055

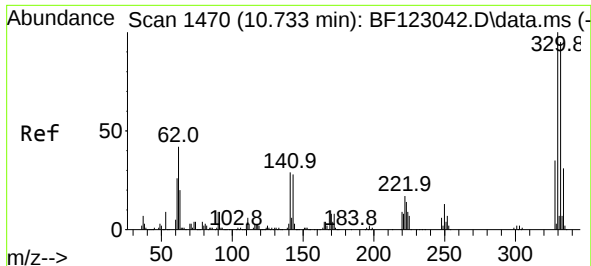
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 185.7 104.8 144.8#
77 734.3 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:164 Resp: 562998
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.4 35.4 53.0

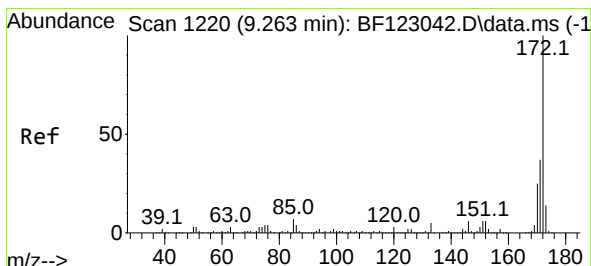
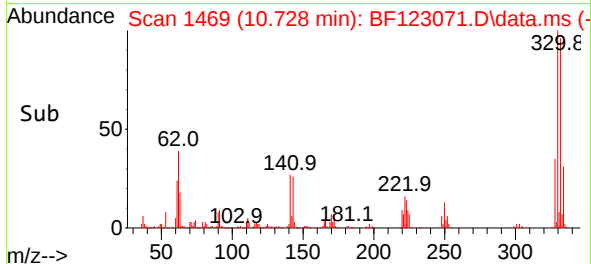
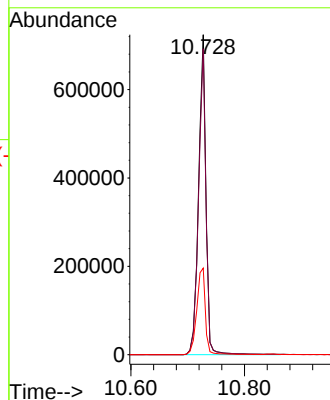
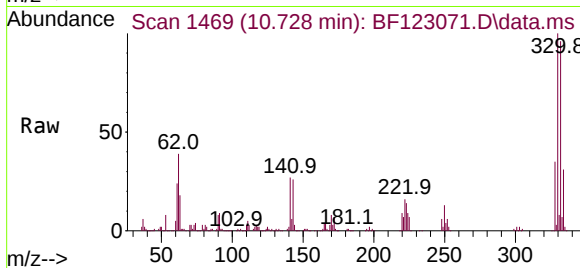




#42
2,4,6-Tribromophenol
Concen: 107.61 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

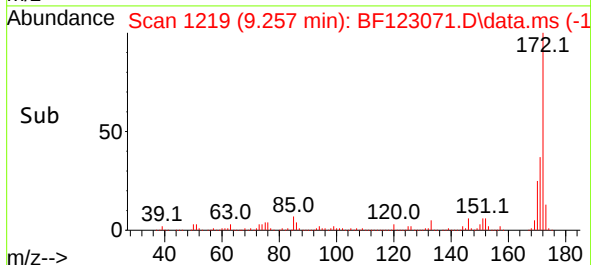
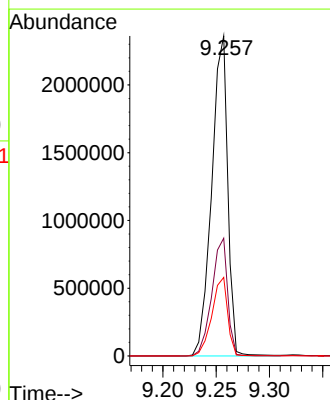
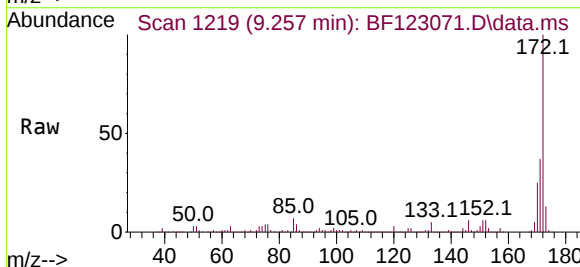
Instrument :
BNA_F
ClientSampleId :
124055

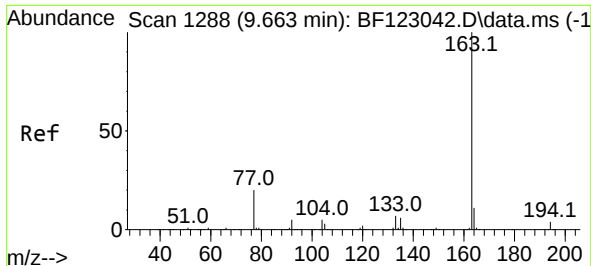
Tgt Ion: 330 Resp: 657654
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 31.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.22 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion: 172 Resp: 2469911
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

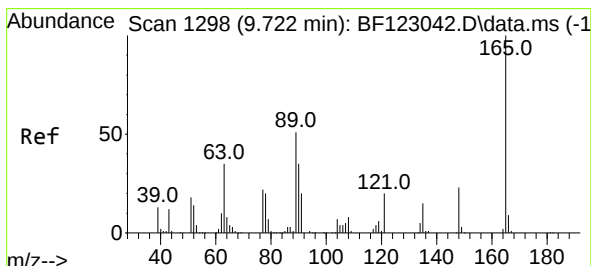
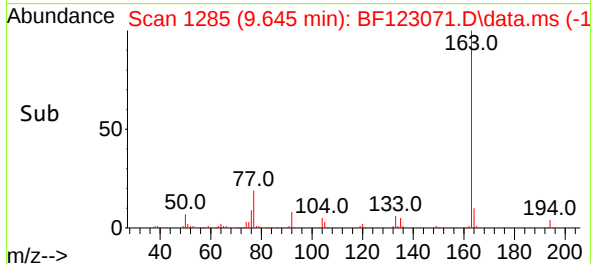
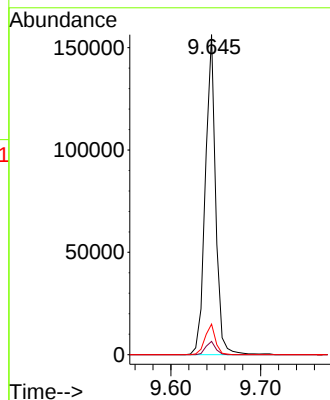
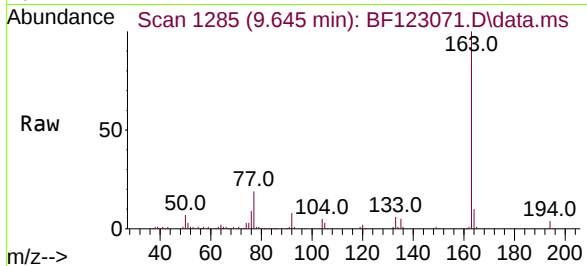




#50
Dimethylphthalate
Concen: 2.82 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

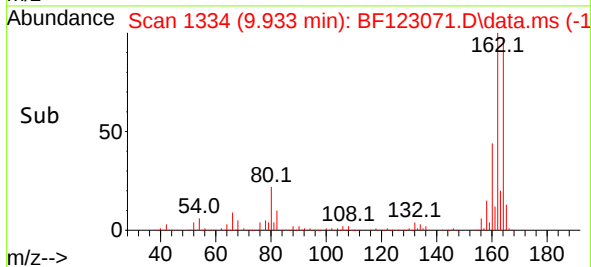
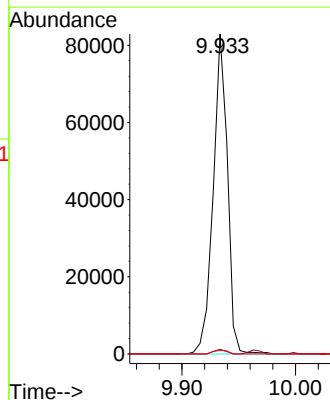
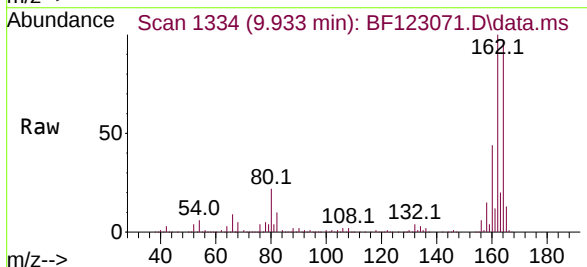
Instrument :
BNA_F
ClientSampleId :
124055

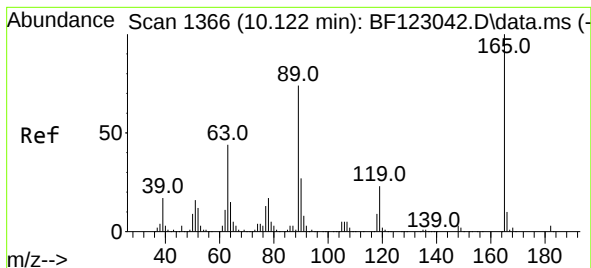
Tgt Ion:163 Resp: 124522
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

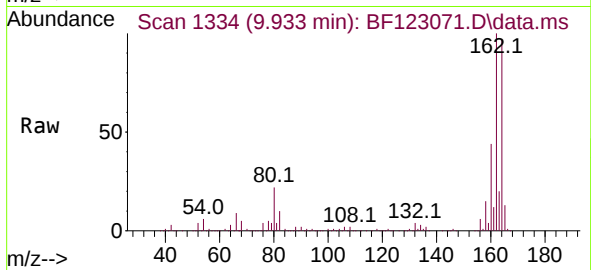
Tgt Ion:165 Resp: 72241
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.2 39.4 59.0#



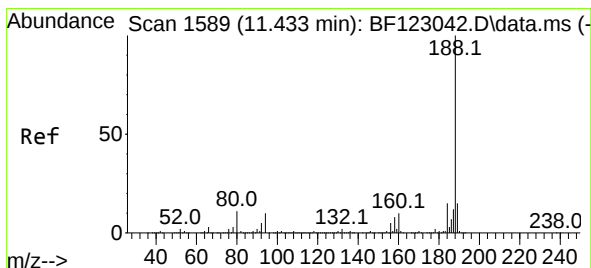
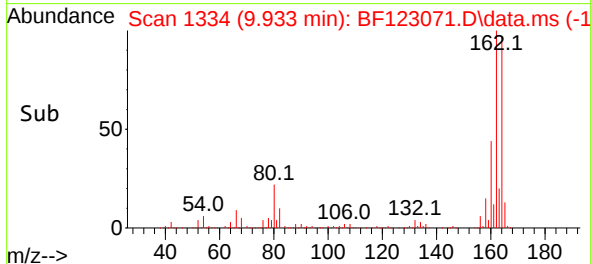
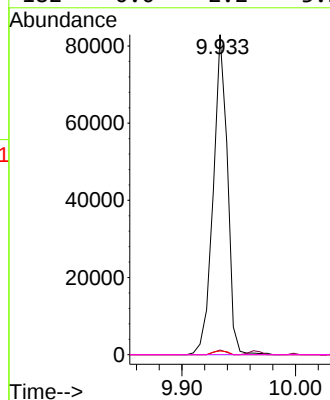


#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Instrument :
BNA_F
ClientSampleId :
124055

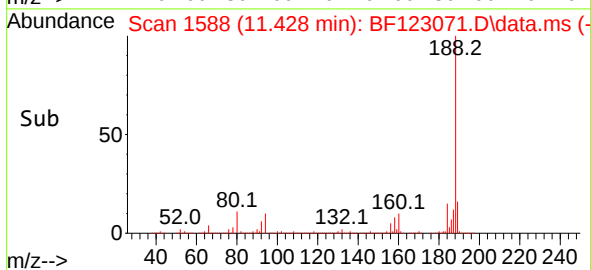
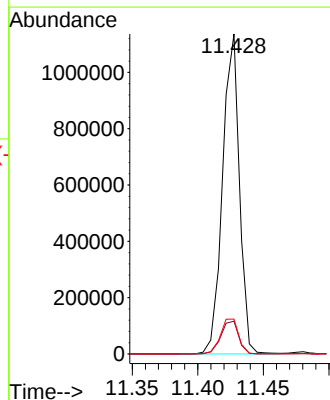
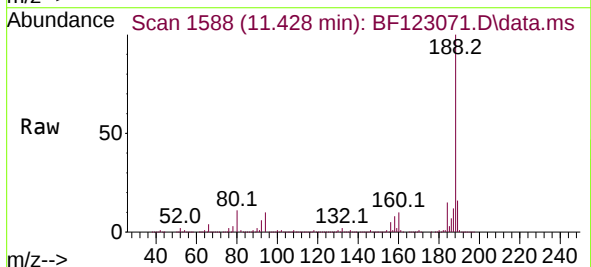


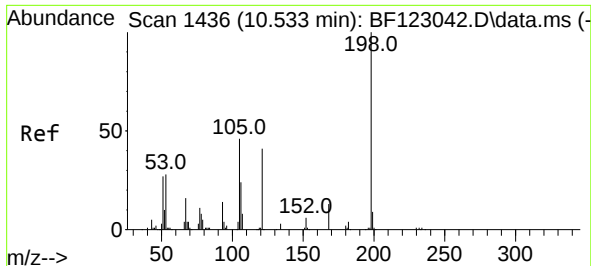
Tgt Ion:165 Resp: 72241
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:188 Resp: 1012861
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 8.2 12.4

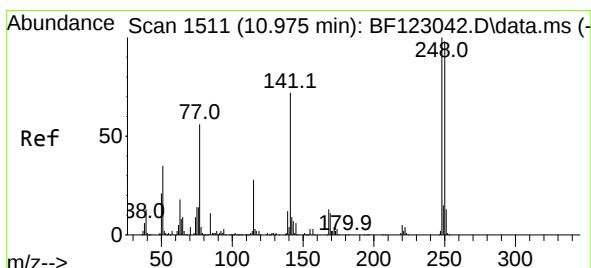
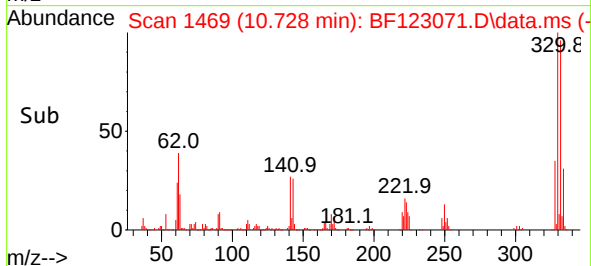
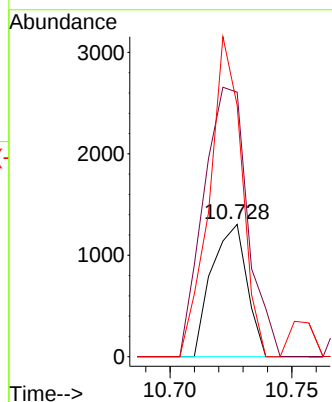
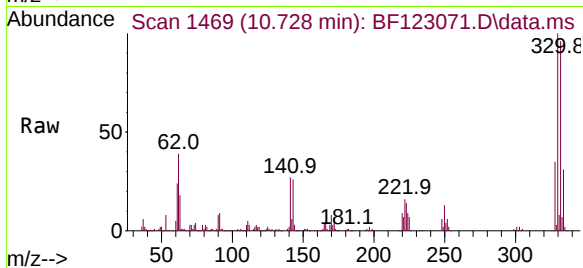




#65
4,6-Dinitro-2-methylphenol
Concen: 5.19 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

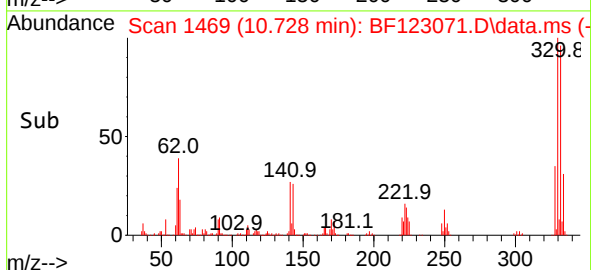
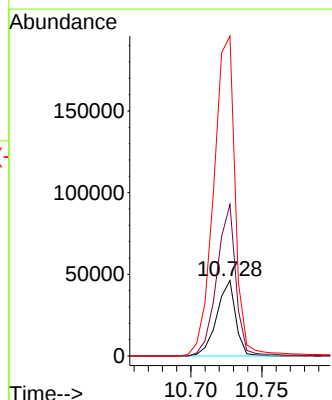
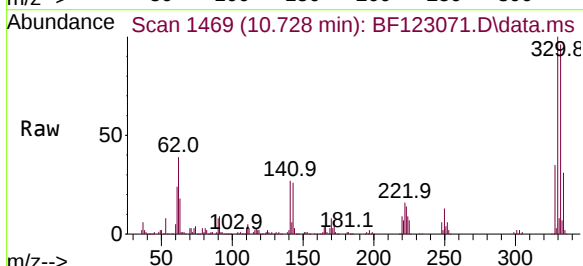
Instrument :
BNA_F
ClientSampleId :
124055

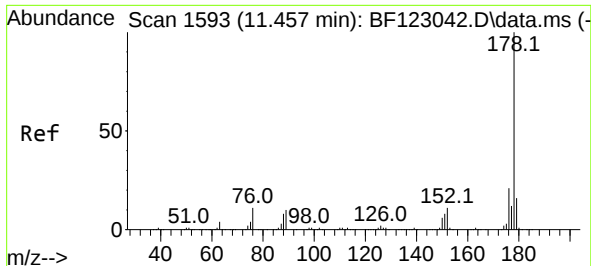
Tgt Ion:198 Resp: 1311
Ion Ratio Lower Upper
198 100
51 199.8 20.3 60.3#
105 190.0 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:248 Resp: 42690
Ion Ratio Lower Upper
248 100
250 201.1 76.8 115.2#
141 424.8 59.8 89.8#

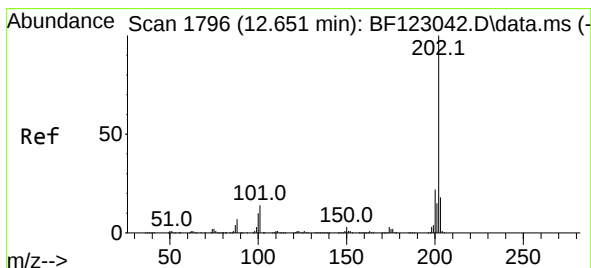
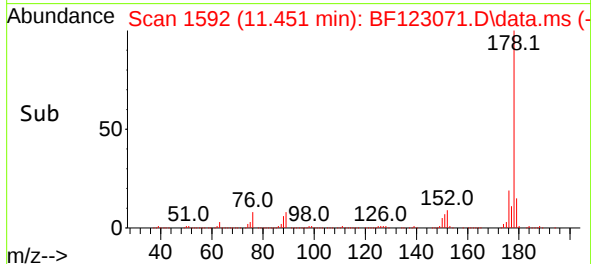
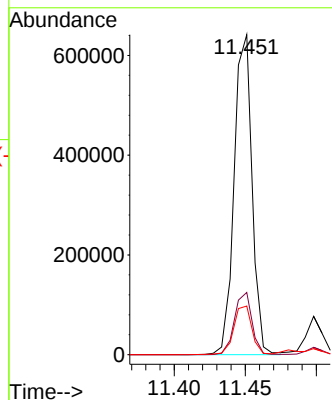
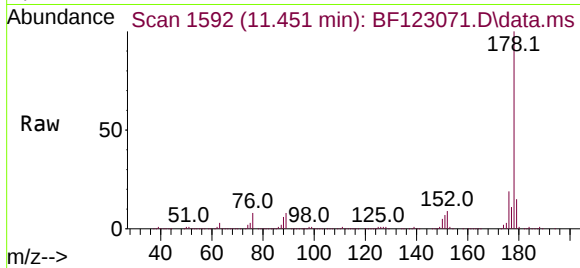




#71
Phenanthrene
Concen: 8.99 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

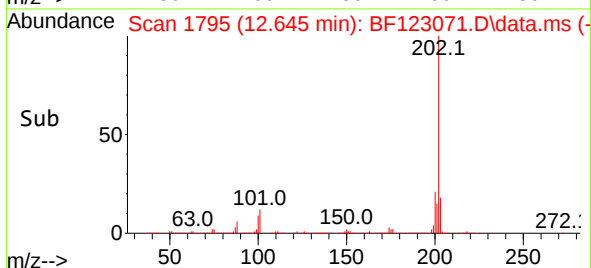
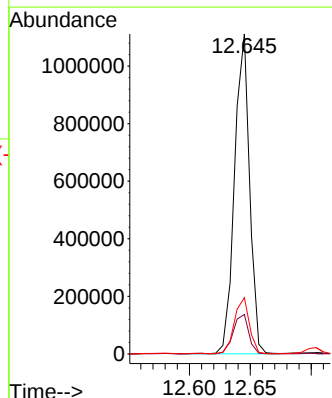
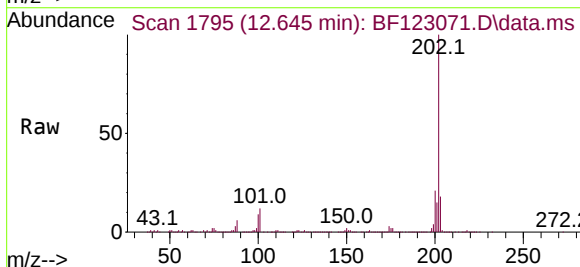
Instrument :
BNA_F
ClientSampleId :
124055

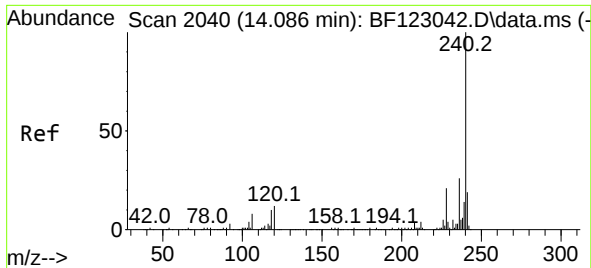
Tgt Ion:178 Resp: 565203
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.2 12.7 19.1



#75
Fluoranthene
Concen: 15.16 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:202 Resp: 953156
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.2
203 17.6 0.0 38.1

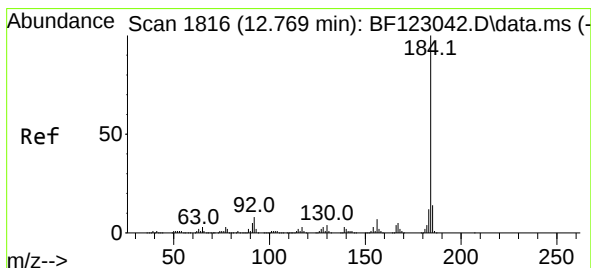
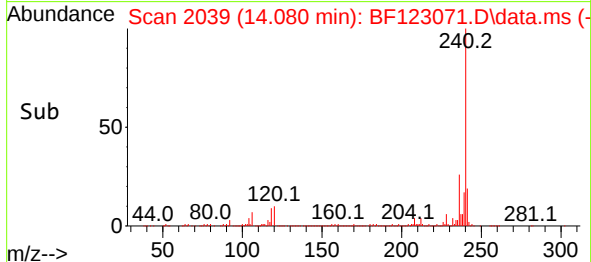
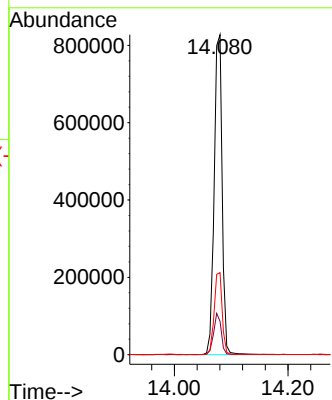
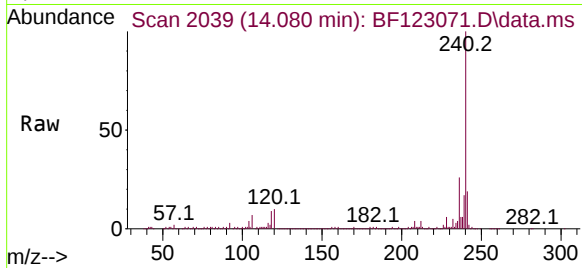




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

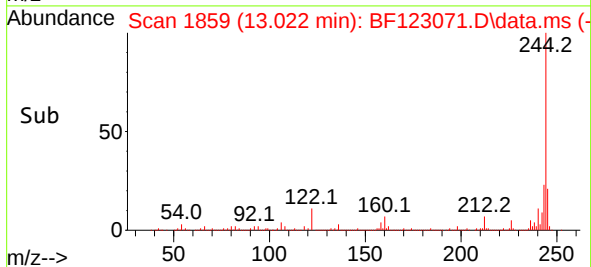
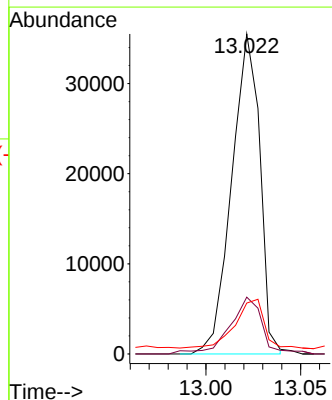
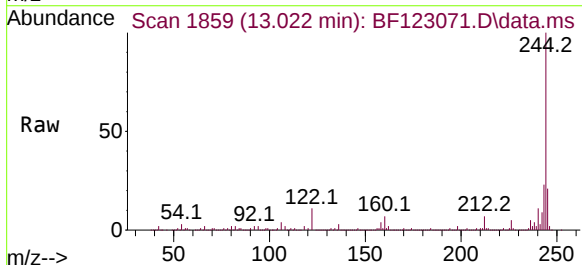
Instrument :
BNA_F
ClientSampleId :
124055

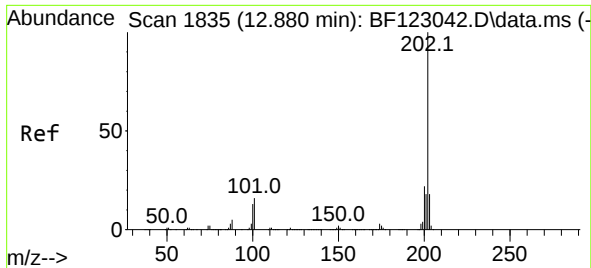
Tgt Ion:240 Resp: 803882
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.01 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:184 Resp: 36592
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 15.9 9.7 14.5#

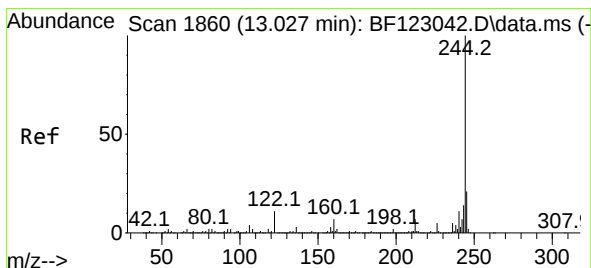
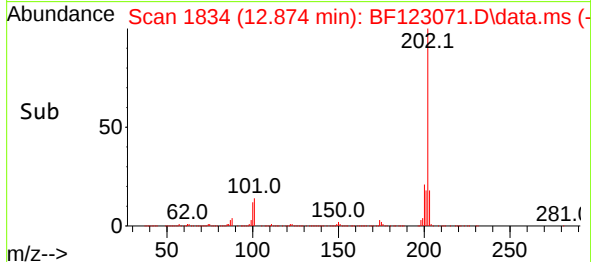
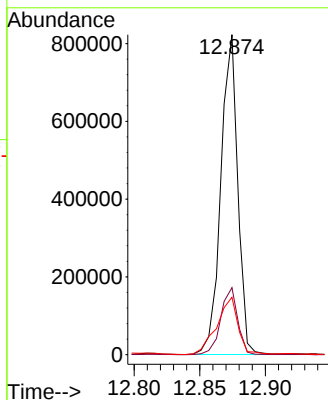
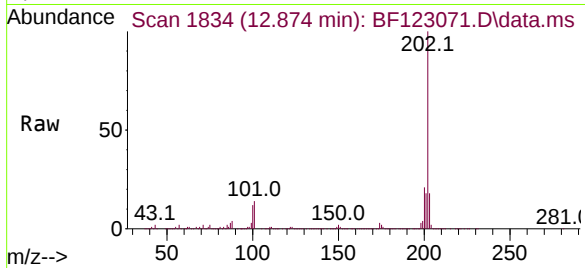




#78
Pyrene
Concen: 12.12 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

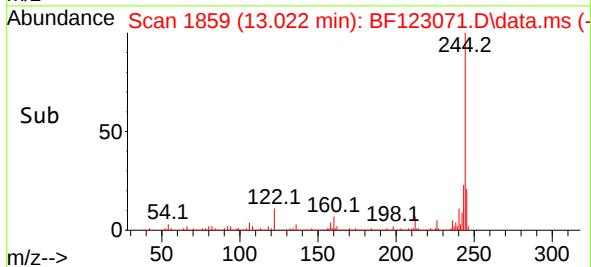
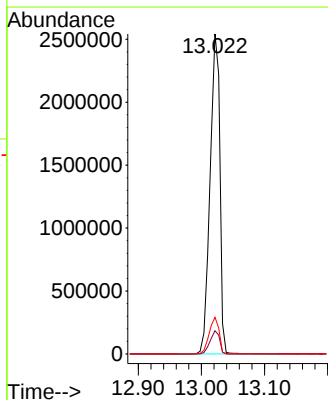
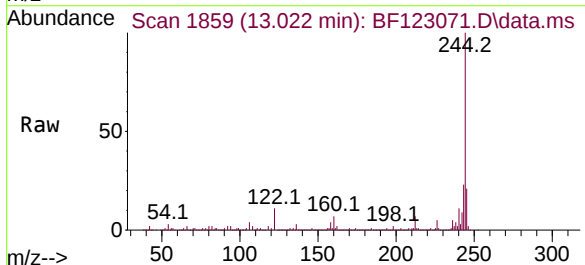
Instrument :
BNA_F
ClientSampleId :
124055

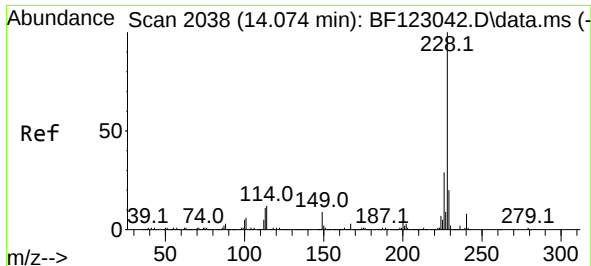
Tgt Ion:202 Resp: 735553
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 66.86 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:244 Resp: 2735835
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.5 8.3 12.5

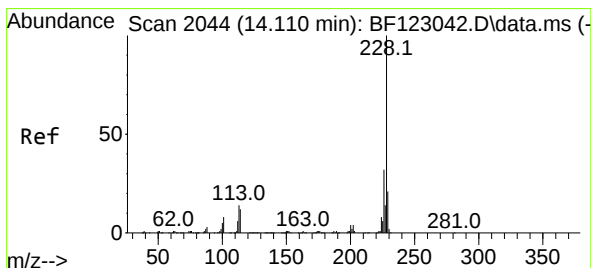
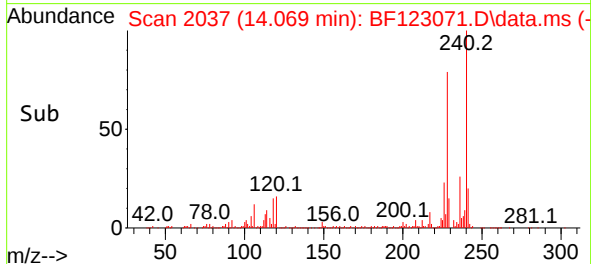
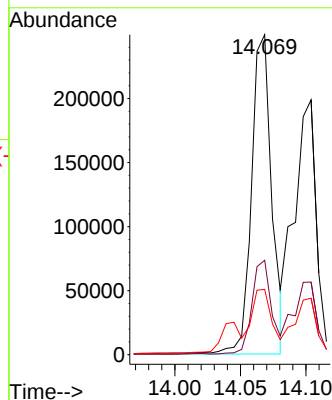
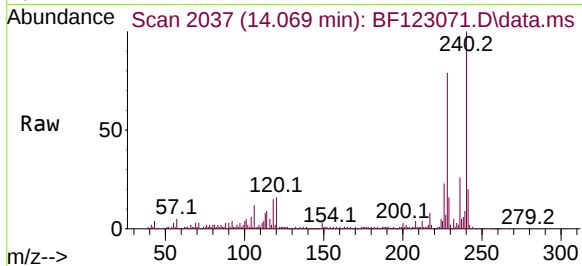




#81
Benzo(a)anthracene
Concen: 4.92 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

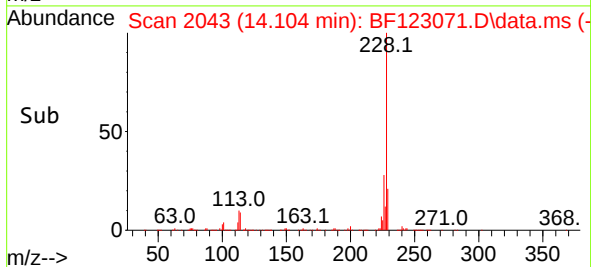
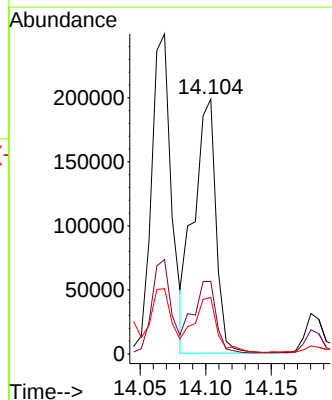
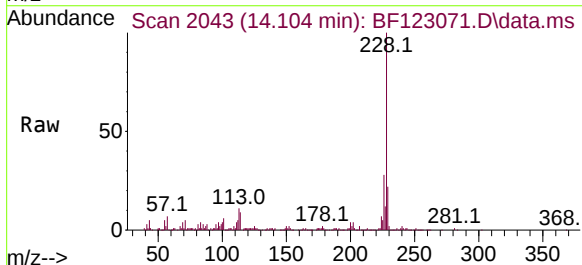
Instrument :
BNA_F
ClientSampleId :
124055

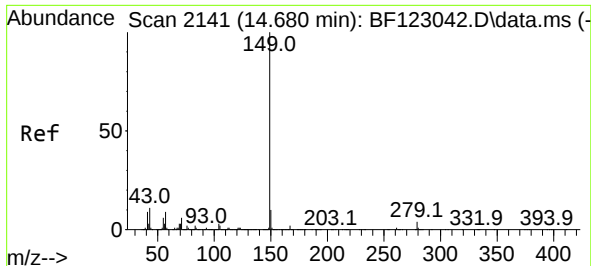
Tgt Ion:228 Resp: 267638
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.4
229 20.4 16.6 24.8



#83
Chrysene
Concen: 4.32 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:228 Resp: 235265
Ion Ratio Lower Upper
228 100
226 28.5 24.6 36.8
229 22.2 15.8 23.6

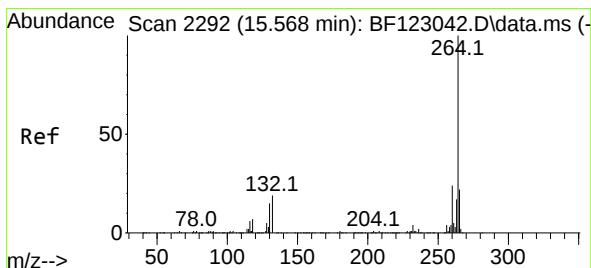
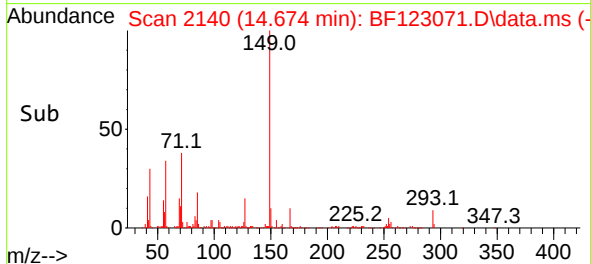
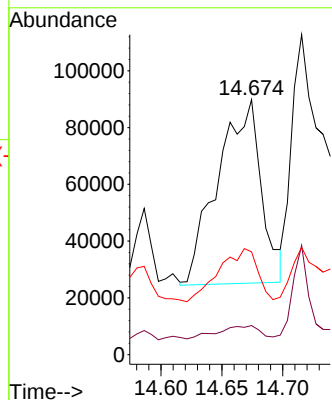
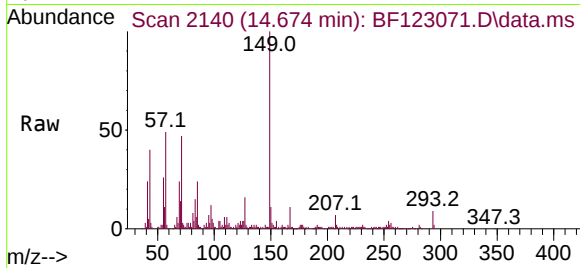




#85
Di-n-octyl phthalate
Concen: 2.77 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

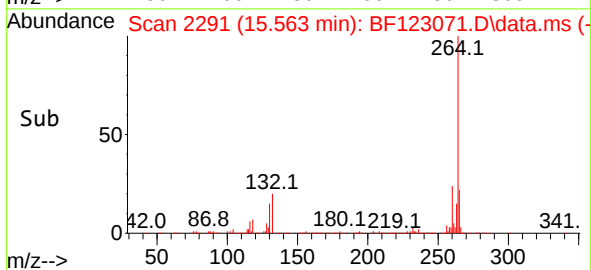
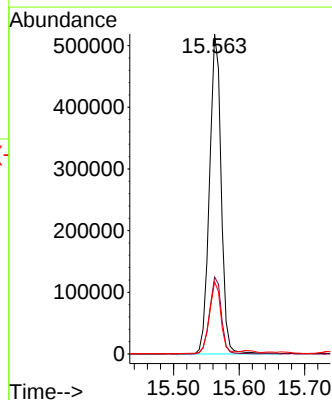
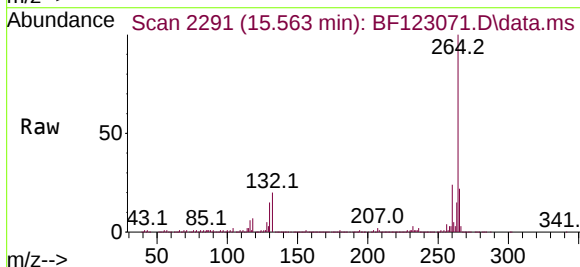
Instrument :
BNA_F
ClientSampleId :
124055

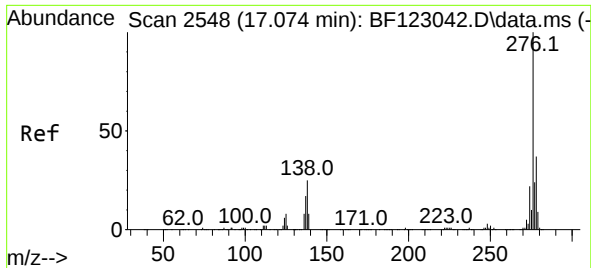
Tgt Ion:149 Resp: 161223
Ion Ratio Lower Upper
149 100
167 6.8 1.3 1.9#
43 30.6 7.6 11.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:264 Resp: 643960
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.0 25.6

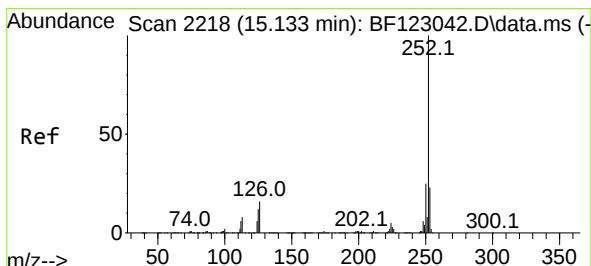
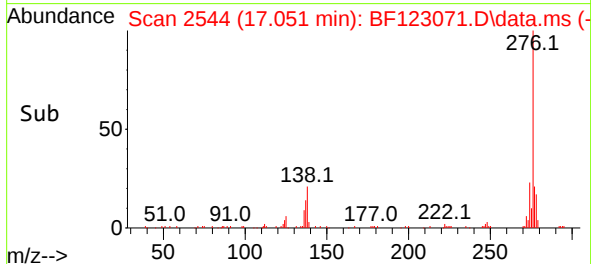
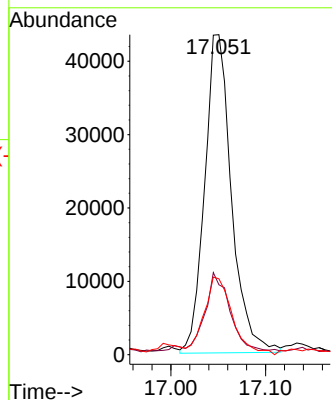
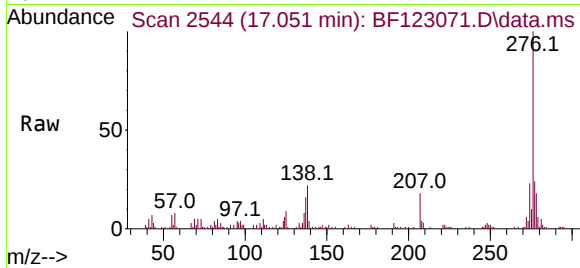




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.023 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

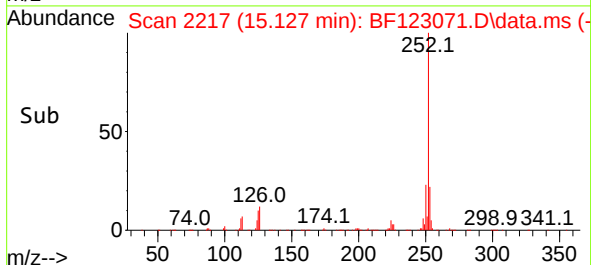
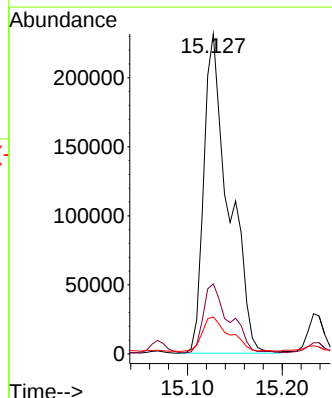
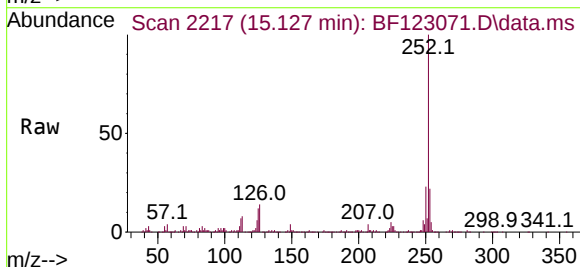
Instrument :
BNA_F
ClientSampleId :
124055

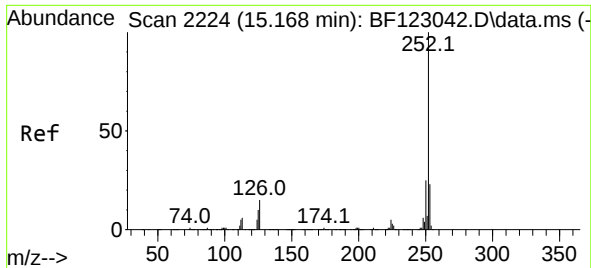
Tgt Ion:276 Resp: 85812
Ion Ratio Lower Upper
276 100
138 23.0 18.7 28.1
277 25.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 9.08 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:252 Resp: 421826
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 11.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 9.77 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.041 min

Lab File: BF123071.D

Acq: 28 Jan 2021 21:18

Tgt Ion:252 Resp: 421826

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

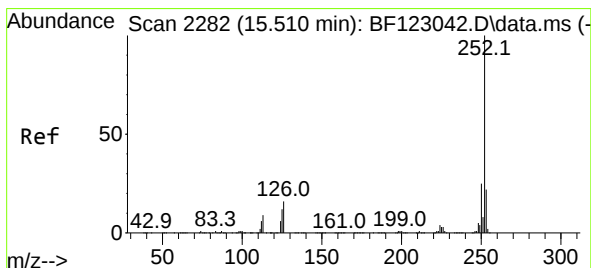
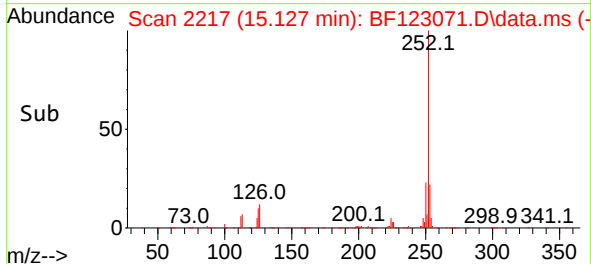
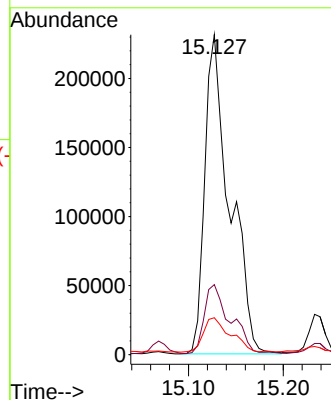
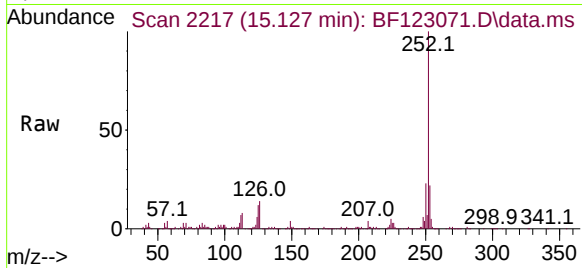
125 11.6 8.4 12.6

Instrument :

BNA_F

ClientSampleId :

124055



#90

Benzo(a)pyrene

Concen: 3.83 ng

RT: 15.498 min Scan# 2280

Delta R.T. -0.012 min

Lab File: BF123071.D

Acq: 28 Jan 2021 21:18

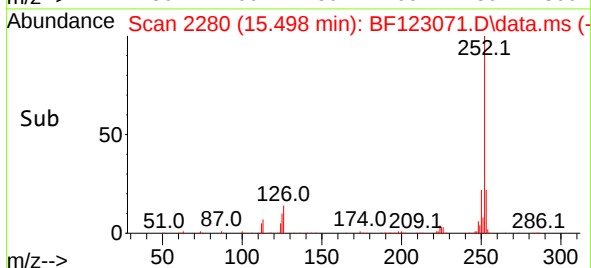
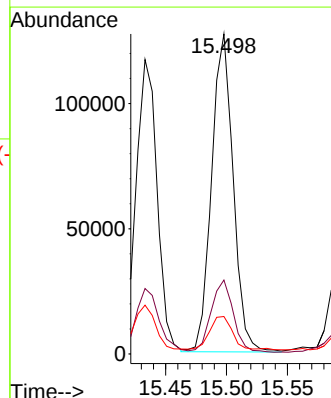
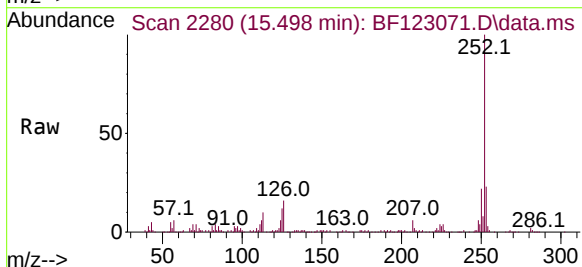
Tgt Ion:252 Resp: 156542

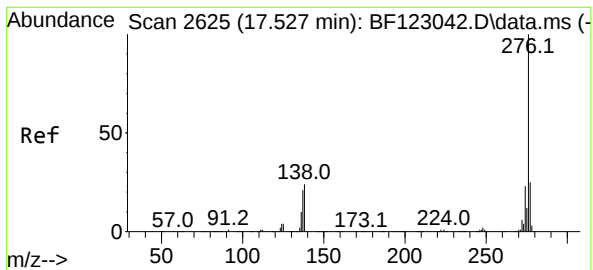
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

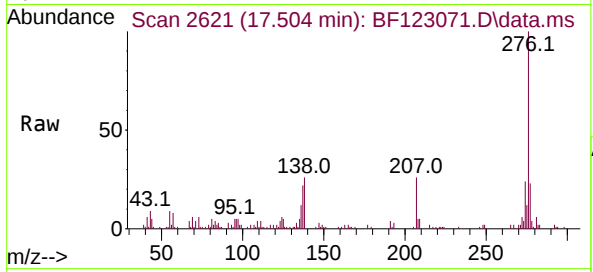
125 11.7 8.6 12.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.31 ng
 RT: 17.504 min Scan# 2621
 Delta R.T. -0.023 min
 Lab File: BF123071.D
 Acq: 28 Jan 2021 21:18

Instrument :
 BNA_F
 ClientSampleId :
 124055



Tgt Ion:	276	Resp:	78853
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.3	28.9
138	25.9	16.6	24.8#

