

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124043.D
 Acq On : 24 May 2021 18:14
 Operator : JU/CG
 Sample : M2485-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-052121

Quant Time: May 24 18:37:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

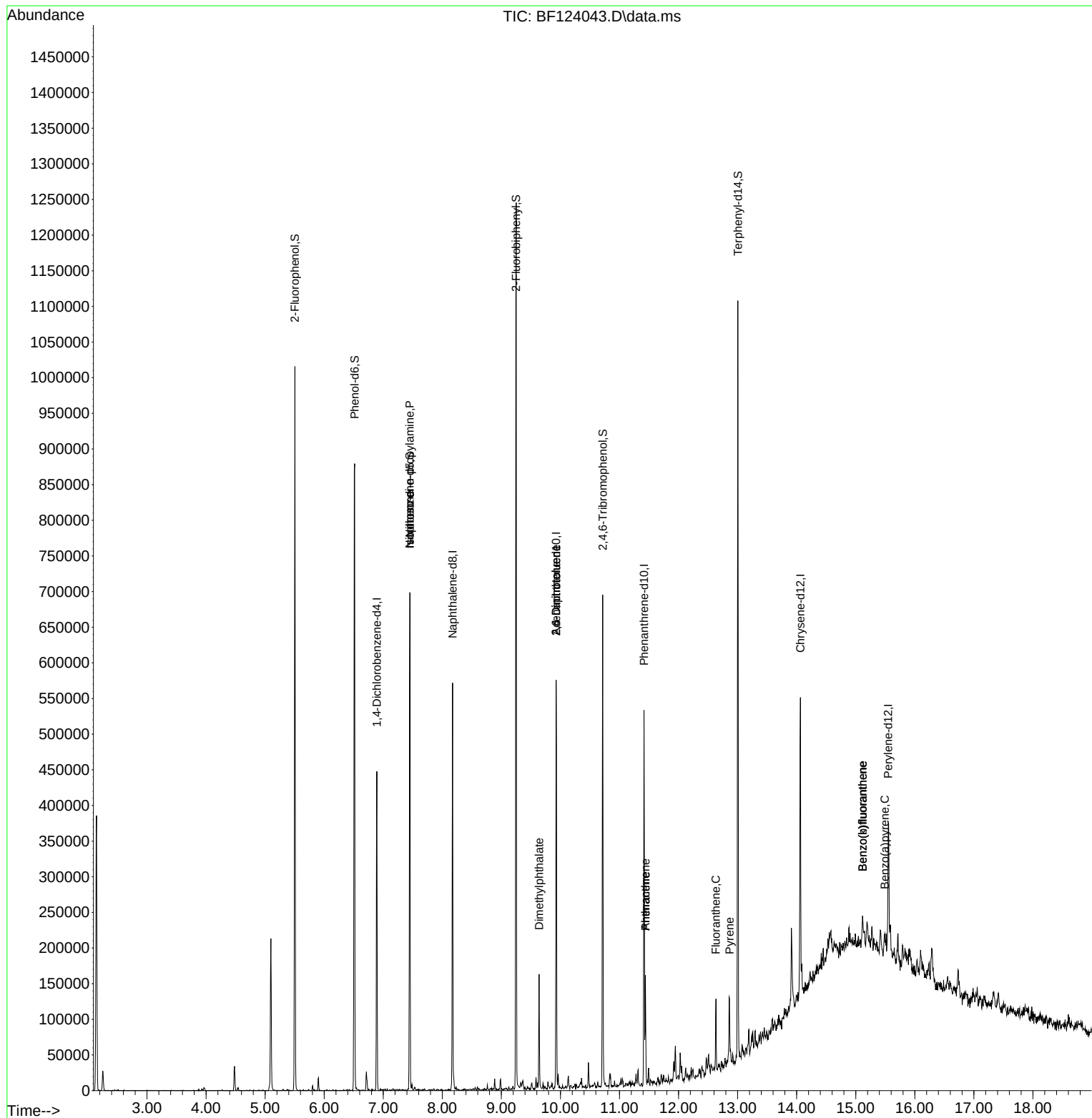
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	52037	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	194102	20.00	ng	#-0.01
39) Acenaphthene-d10	9.928	164	107607	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	158062	20.00	ng	#-0.01
76) Chrysene-d12	14.063	240	122266	20.00	ng	0.00
86) Perylene-d12	15.551	264	79819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	192183	51.85	ng	0.00
7) Phenol-d6	6.516	99	253683	52.76	ng	0.00
23) Nitrobenzene-d5	7.451	82	190685	42.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	64045	49.55	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	335363	38.35	ng	-0.01
79) Terphenyl-d14	13.004	244	286236	35.46	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	26910	8.28	ng	# 72
25) Isophorone	7.451	82	190680	22.00	ng	# 69
50) Dimethylphthalate	9.639	163	48014	5.59	ng	# 98
51) 2,6-Dinitrotoluene	9.928	165	13238	7.62	ng	# 13
57) 2,4-Dinitrotoluene	9.928	165	13238	6.21	ng	# 19
71) Phenanthrene	11.439	178	43657	4.36	ng	99
72) Anthracene	11.439	178	43657	4.30	ng	99
75) Fluoranthene	12.633	202	30303	2.92	ng	99
78) Pyrene	12.863	202	36612	3.37	ng	97
88) Benzo(b)fluoranthene	15.115	252	18659	3.02	ng	# 67
89) Benzo(k)fluoranthene	15.115	252	18659	3.32	ng	# 67
90) Benzo(a)pyrene	15.492	252	11428	2.14	ng	# 77

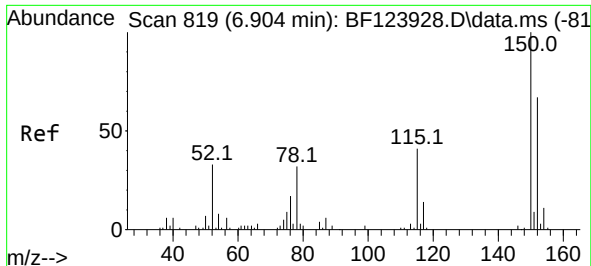
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
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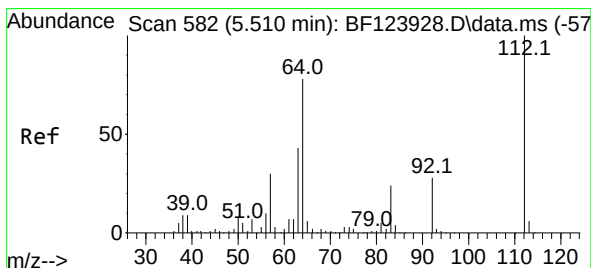
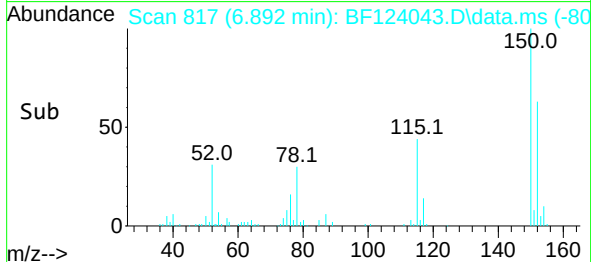
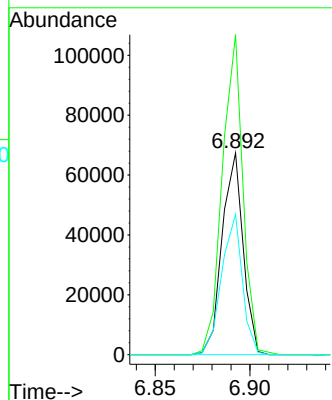
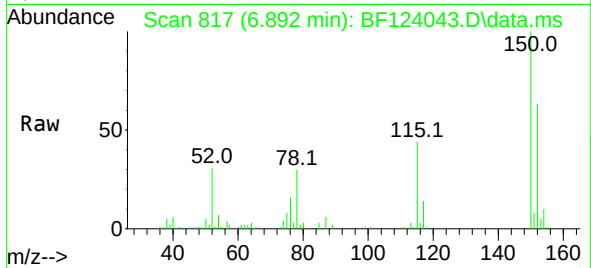




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

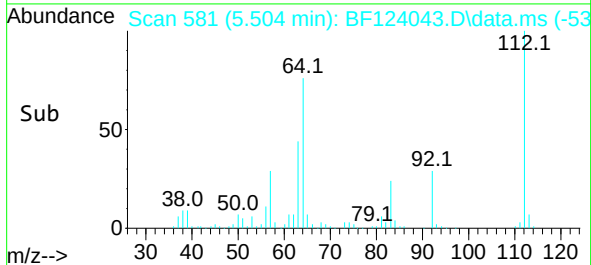
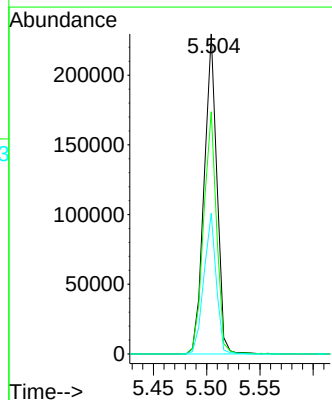
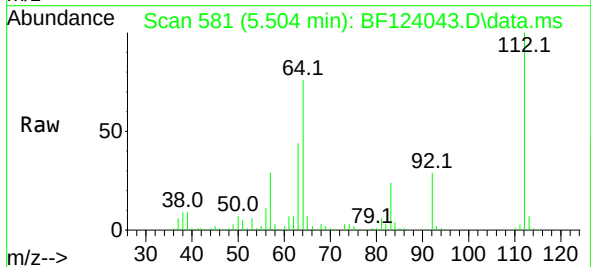
Instrument :
BNA_F
ClientSampled :
CL-01-052121

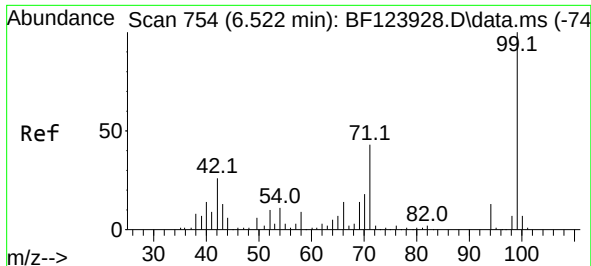
Tgt Ion:152 Resp: 52037
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 51.85 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:112 Resp: 192183
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 44.0 33.0 49.4

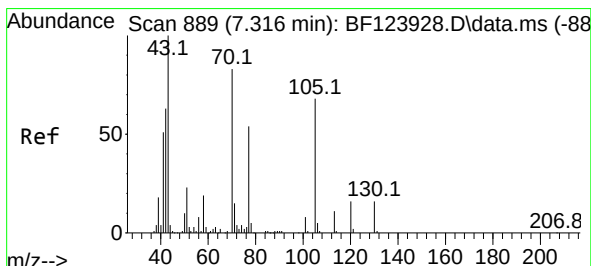
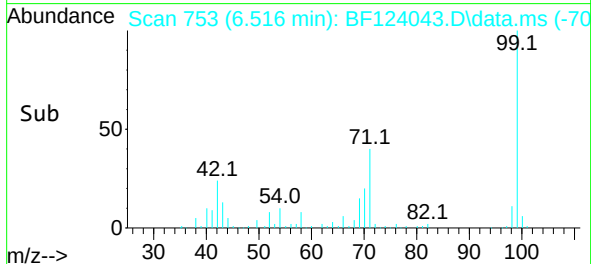
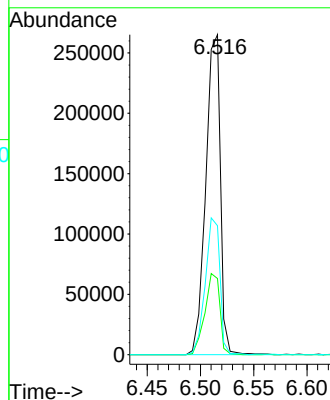
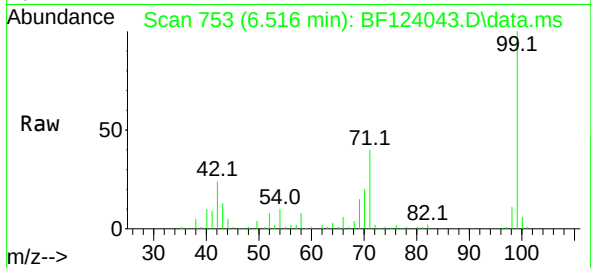




#7
Phenol-d6
Concen: 52.76 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

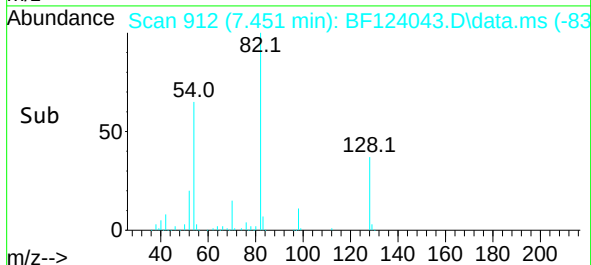
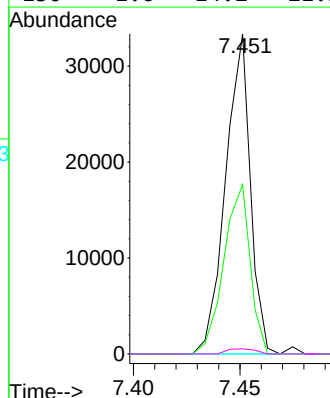
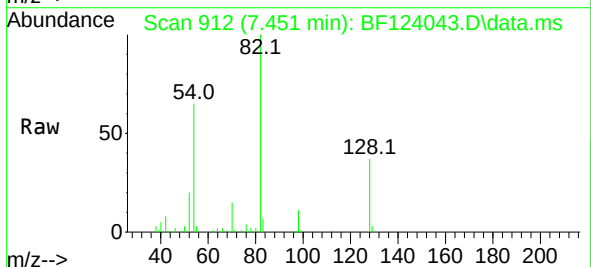
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

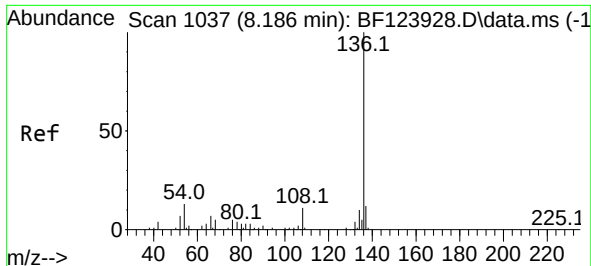
Tgt Ion: 99 Resp: 253683
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.8
71 40.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.28 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion: 70 Resp: 26910
Ion Ratio Lower Upper
70 100
42 53.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

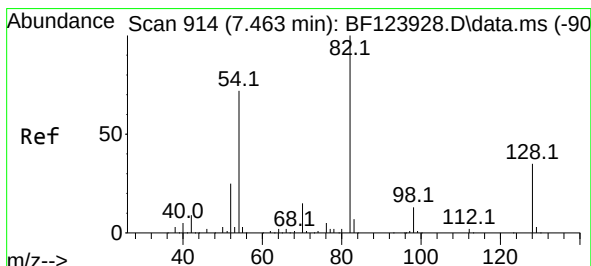
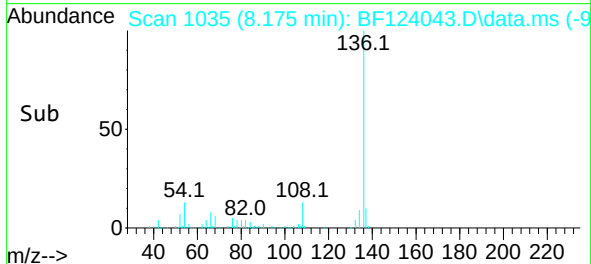
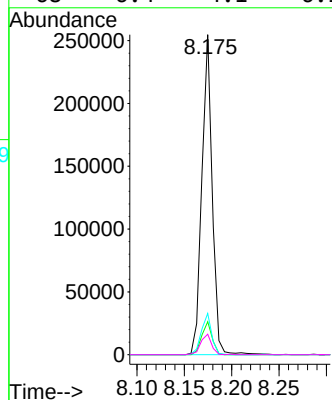
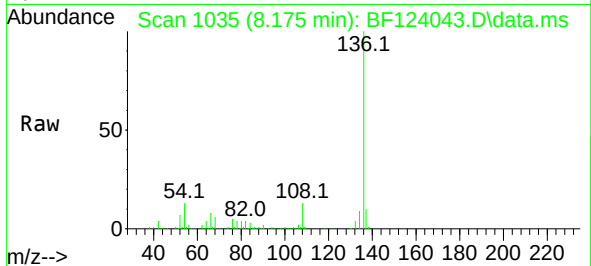




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

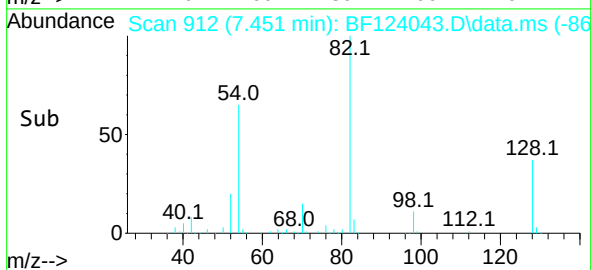
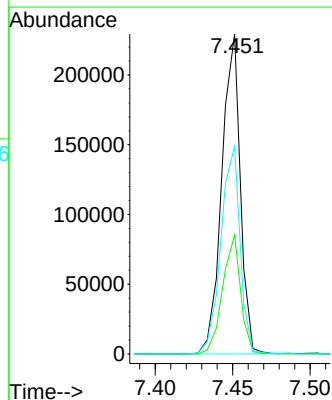
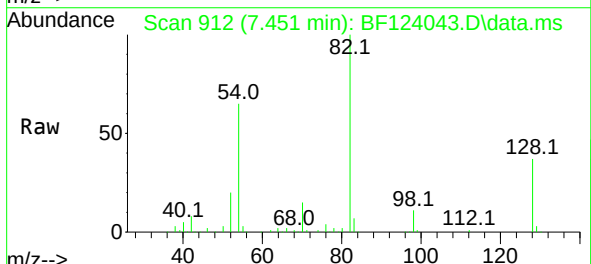
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

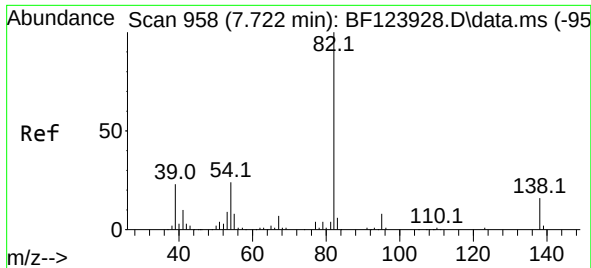
Tgt Ion:136	Resp: 194102
Ion Ratio	Lower Upper
136 100	
137 10.3	8.7 13.1
54 12.9	9.8 14.6
68 6.4	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 42.33 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion: 82	Resp: 190685
Ion Ratio	Lower Upper
82 100	
128 37.2	29.4 44.2
54 64.8	54.1 81.1

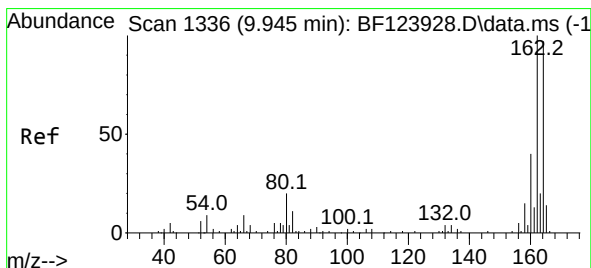
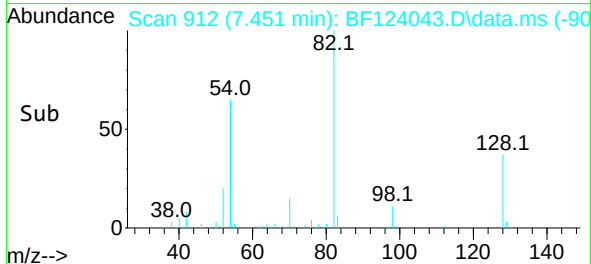
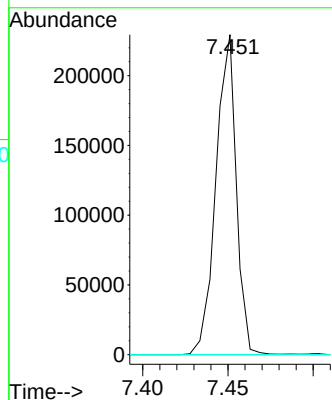
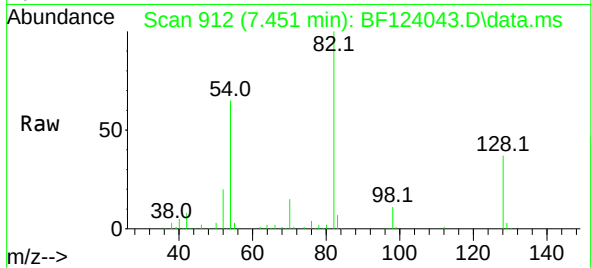




#25
Isophorone
Concen: 22.00 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

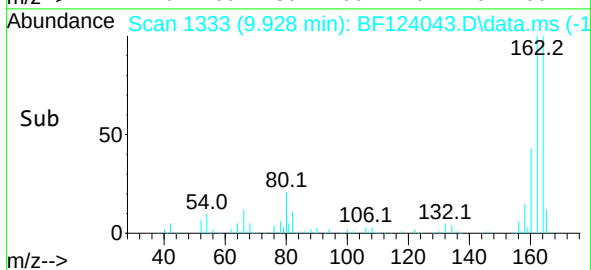
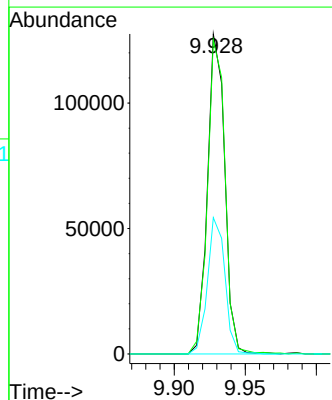
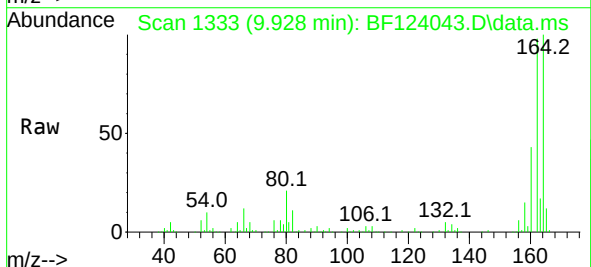
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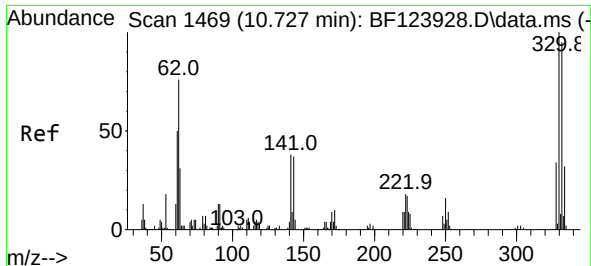
Tgt Ion: 82 Resp: 190680
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

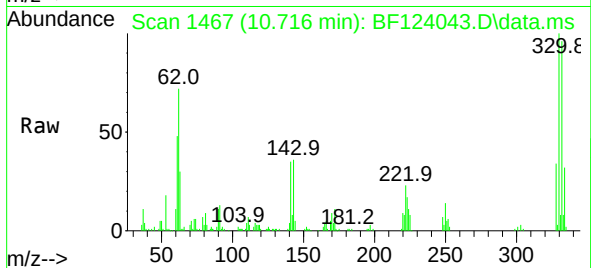
Tgt Ion:164 Resp: 107607
Ion Ratio Lower Upper
164 100
162 98.1 80.7 121.1
160 42.6 37.3 55.9



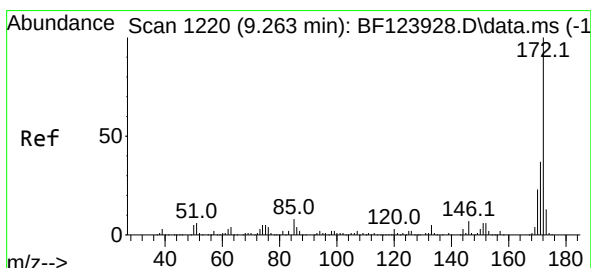
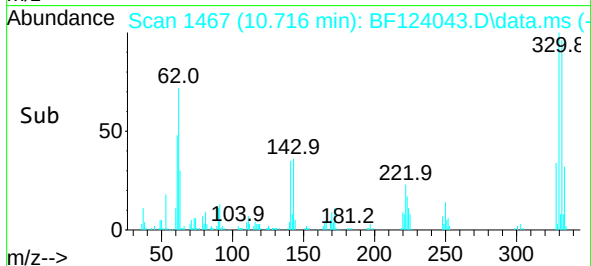
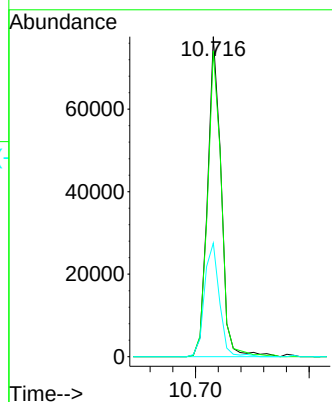


#42
2,4,6-Tribromophenol
Concen: 49.55 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Instrument :
BNA_F
ClientSampled :
CL-01-052121

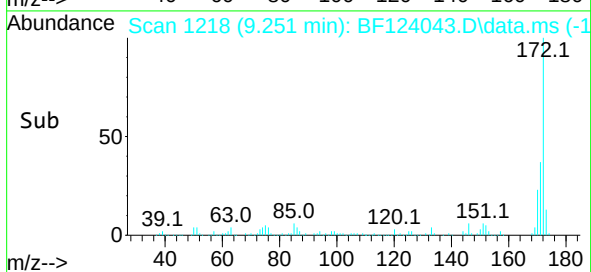
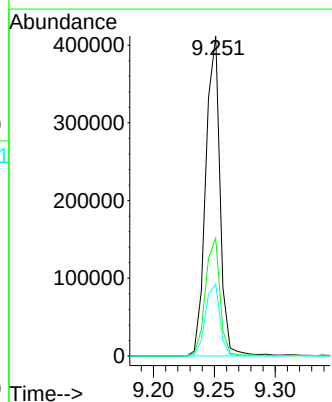
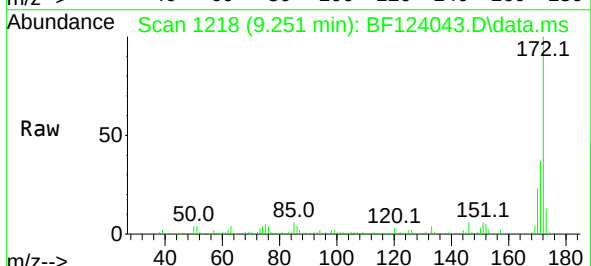


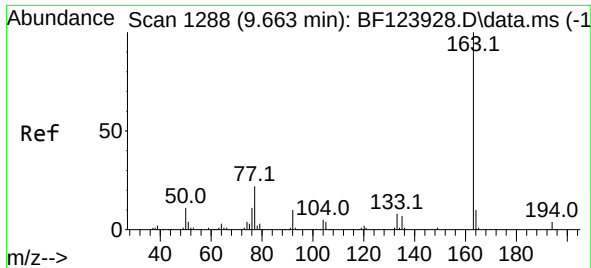
Tgt Ion: 330 Resp: 64045
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 38.35 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion: 172 Resp: 335363
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 22.5 19.2 28.8

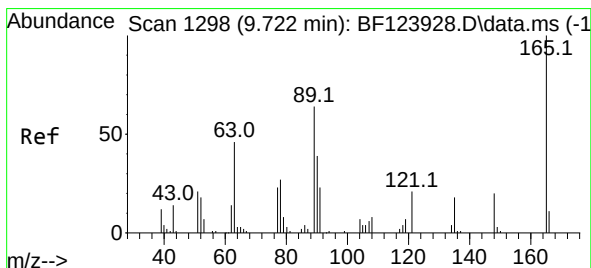
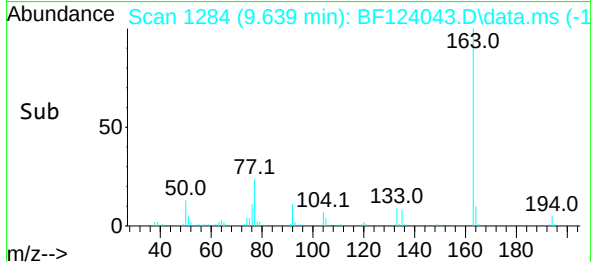
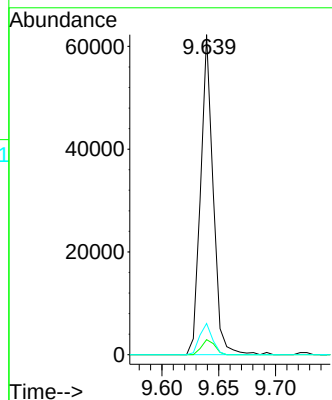
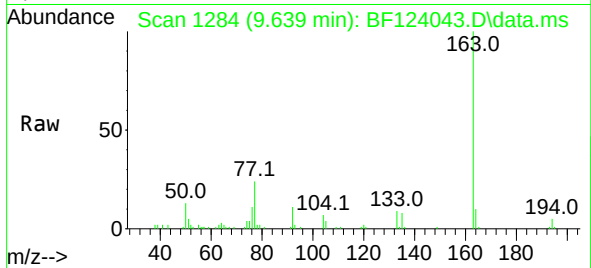




#50
Dimethylphthalate
Concen: 5.59 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

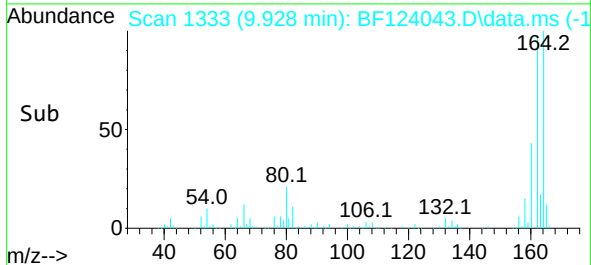
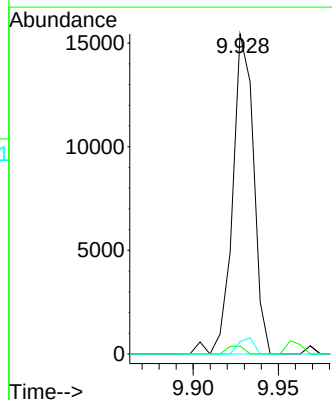
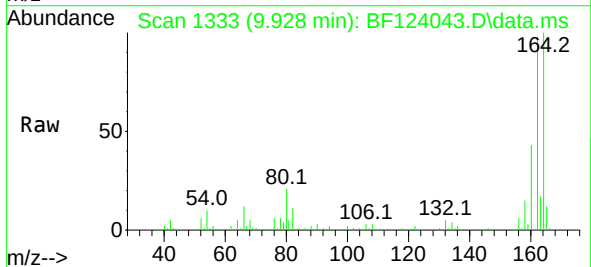
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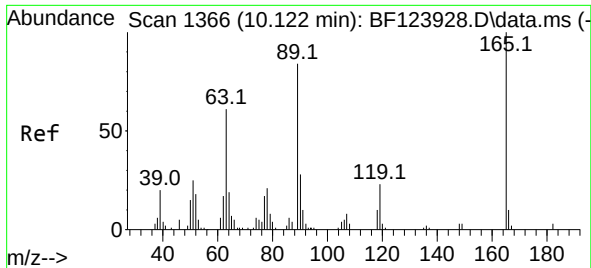
Tgt Ion:163 Resp: 48014
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:165 Resp: 13238
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 3.8 58.8 88.2#

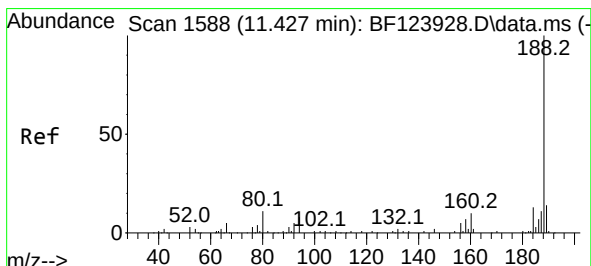
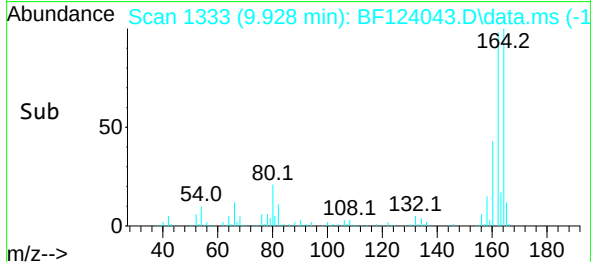
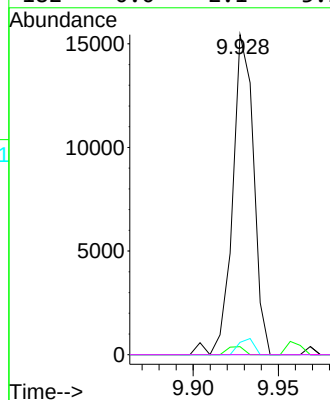
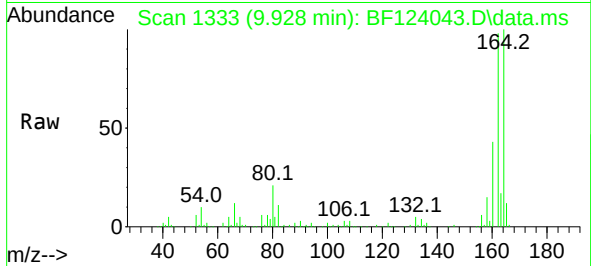




#57
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

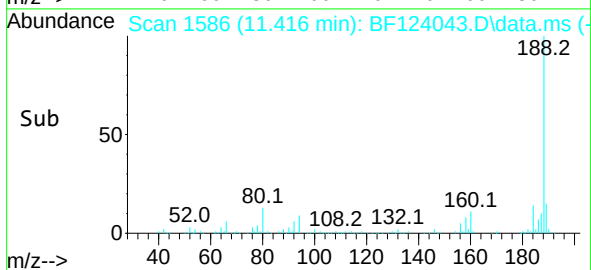
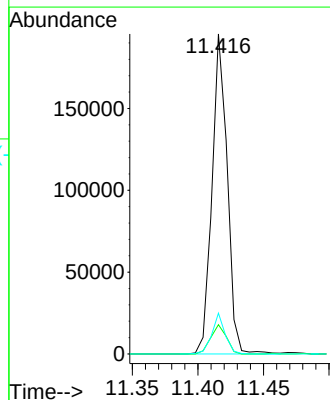
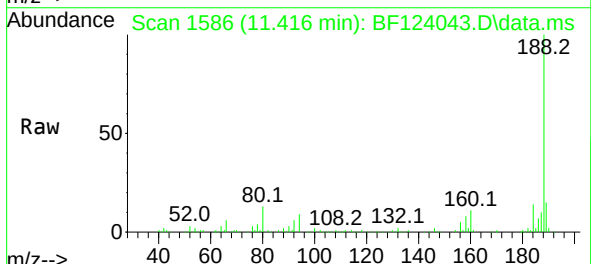
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

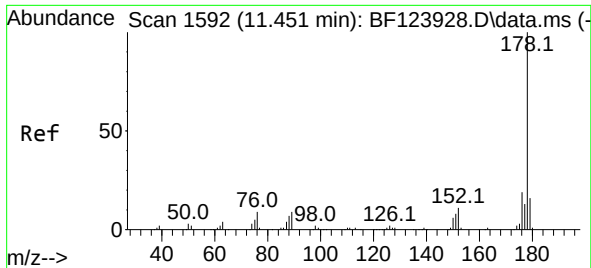
Tgt Ion:165	Resp:	13238
Ion Ratio	Lower	Upper
165	100	
63	2.5	43.5 65.3#
89	3.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:188	Resp:	158062
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.9 10.3
80	12.7	8.2 12.2#

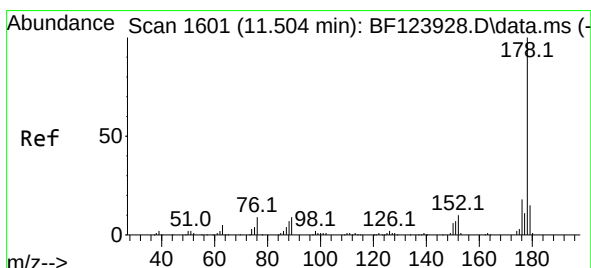
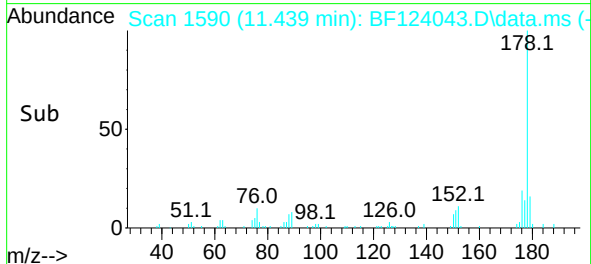
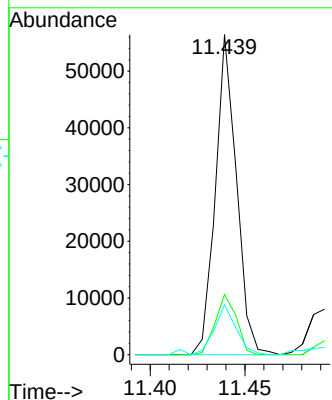
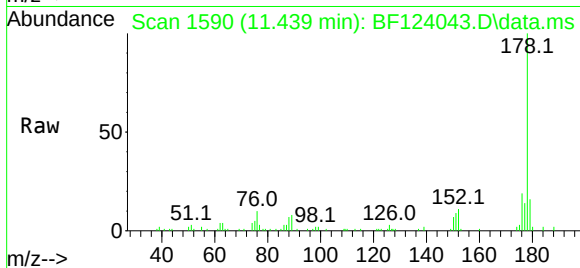




#71
Phenanthrene
Concen: 4.36 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

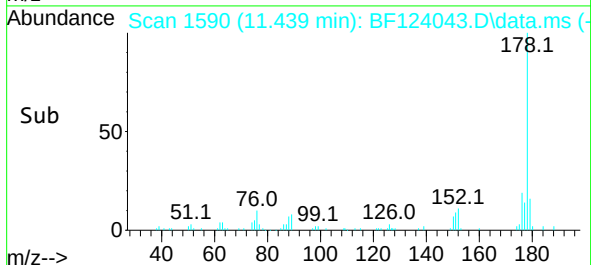
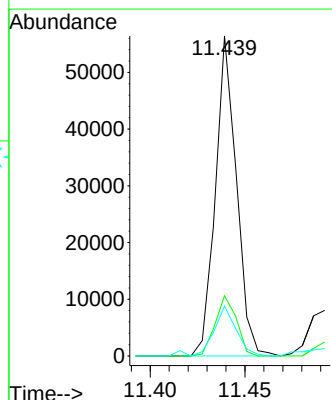
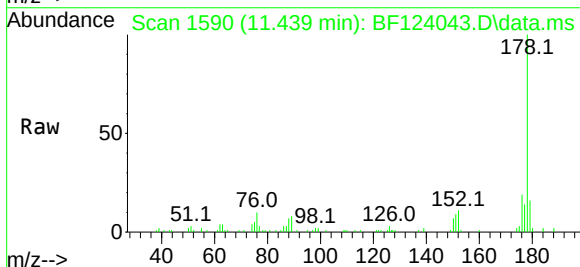
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

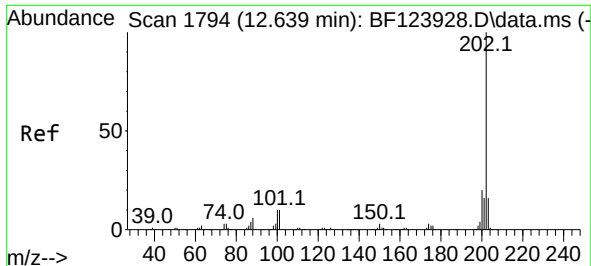
Tgt Ion:178 Resp: 43657
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 4.30 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.065 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:178 Resp: 43657
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.6 18.8

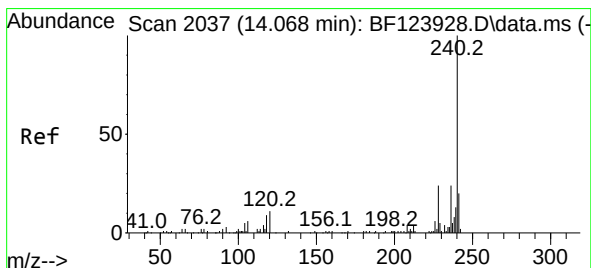
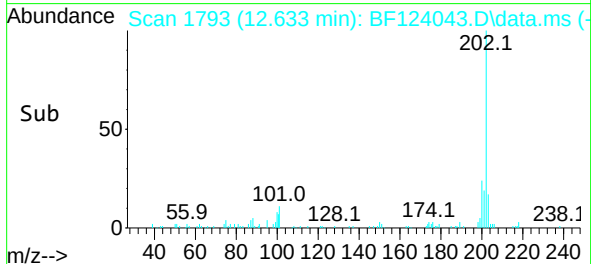
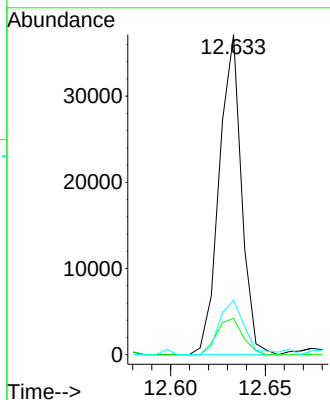
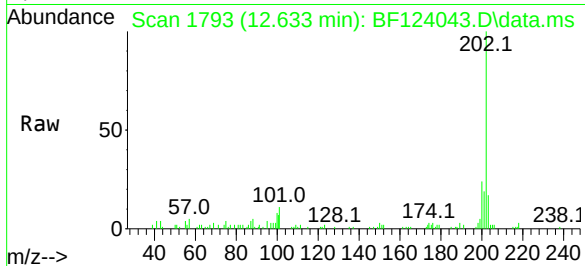




#75
Fluoranthene
Concen: 2.92 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

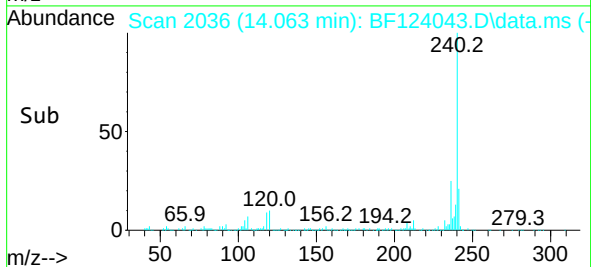
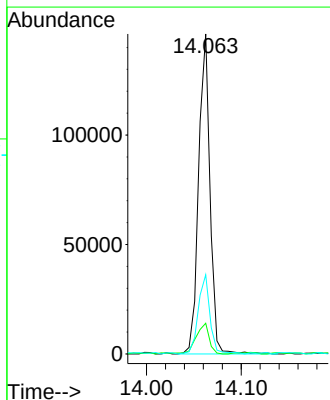
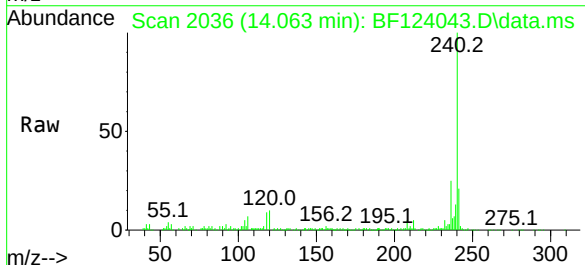
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

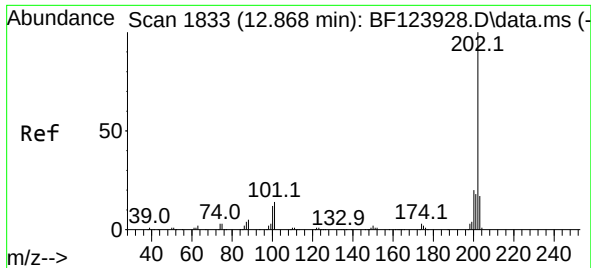
Tgt Ion:202	Resp:	30303
Ion Ratio	Lower	Upper
202	100	
101	11.3	0.0 30.9
203	17.0	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:240	Resp:	122266
Ion Ratio	Lower	Upper
240	100	
120	9.6	7.2 10.8
236	24.7	19.0 28.4

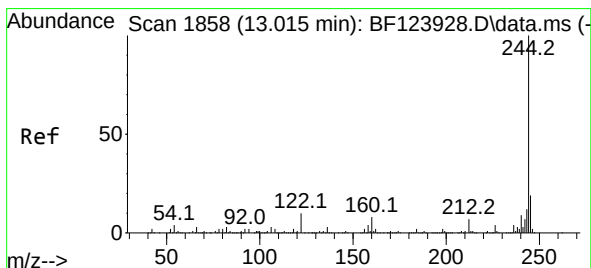
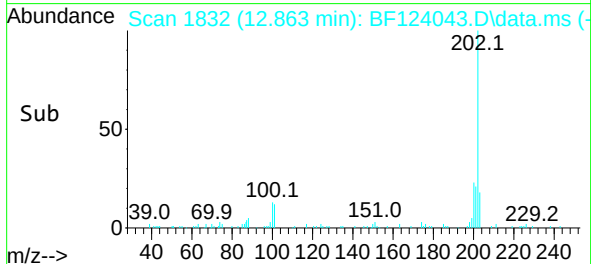
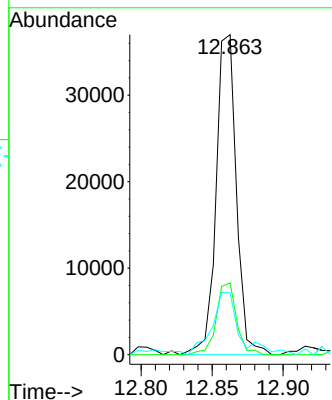
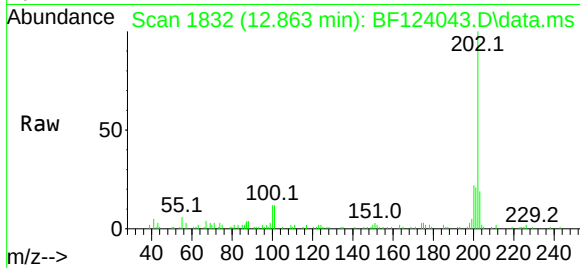




#78
Pyrene
Concen: 3.37 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

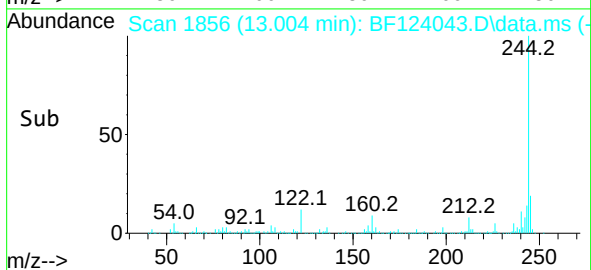
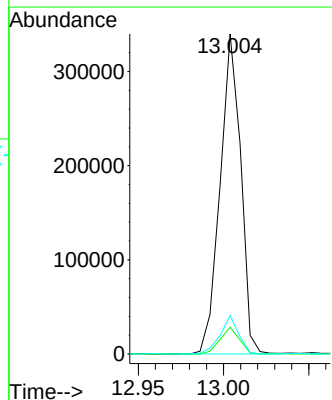
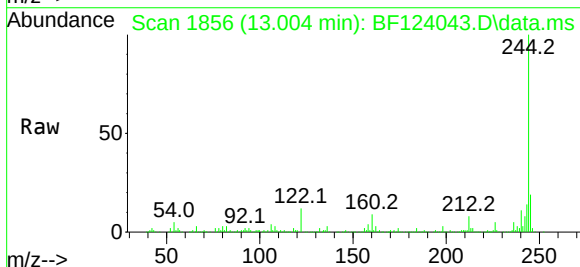
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

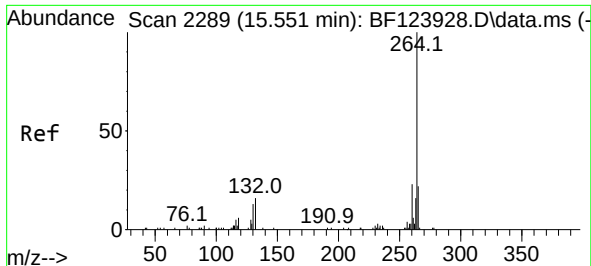
Tgt Ion:202 Resp: 36612
Ion Ratio Lower Upper
202 100
200 22.4 16.1 24.1
203 19.3 14.8 22.2



#79
Terphenyl-d14
Concen: 35.46 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:244 Resp: 286236
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 12.0 9.7 14.5

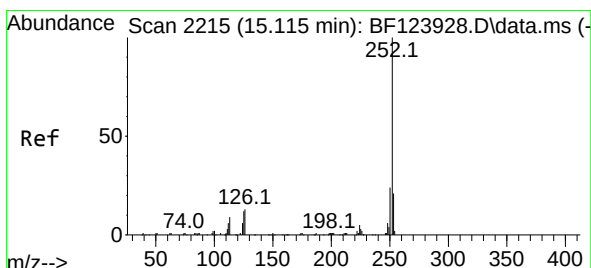
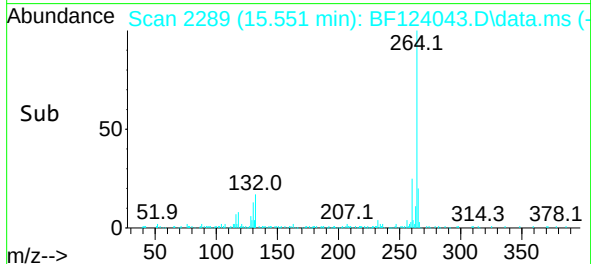
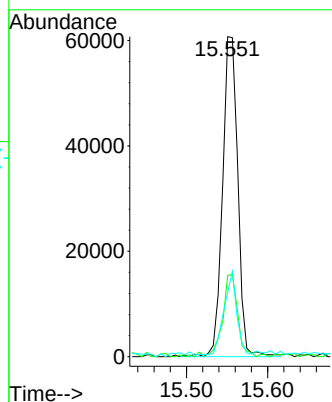
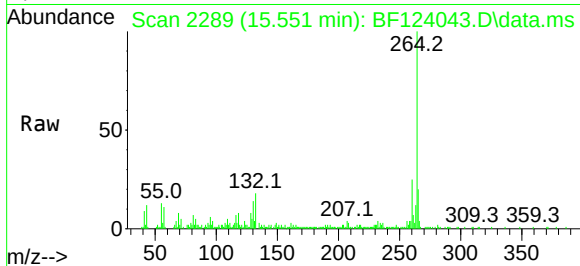




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

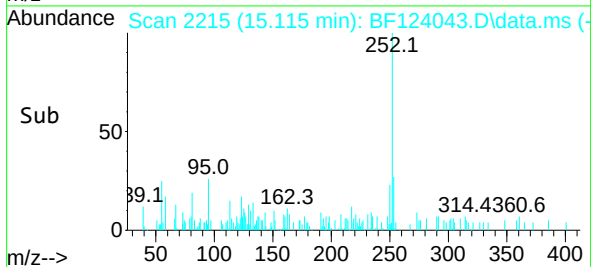
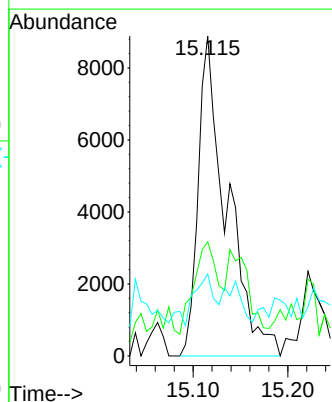
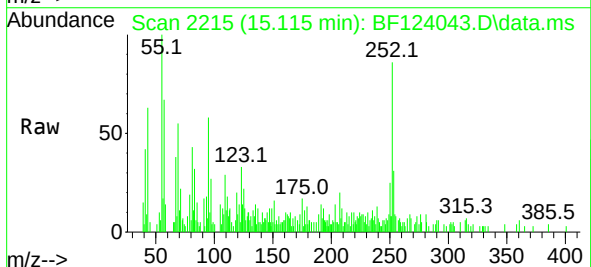
Instrument :
BNA_F
ClientSampleId :
CL-01-052121

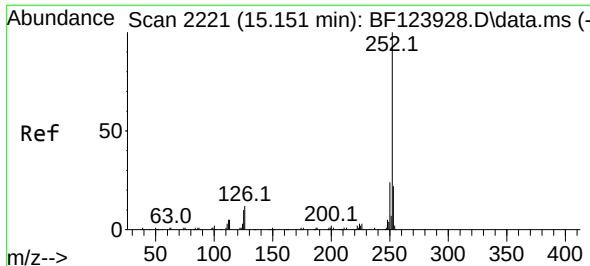
Tgt Ion:	264	Resp:	79819
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.7	28.1
265	20.1	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 3.02 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:	252	Resp:	18659
Ion Ratio	Lower	Upper	
252	100		
253	35.6	18.1	27.1#
125	25.7	6.2	9.4#

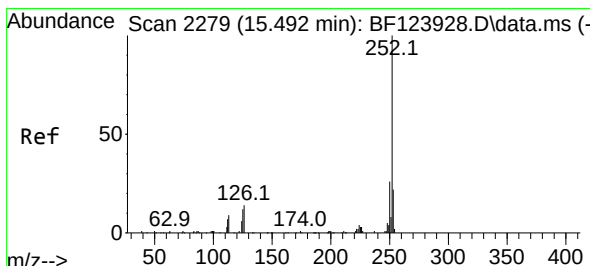
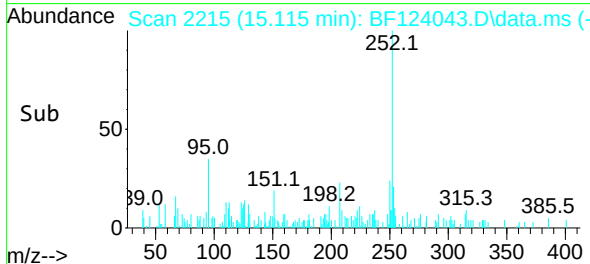
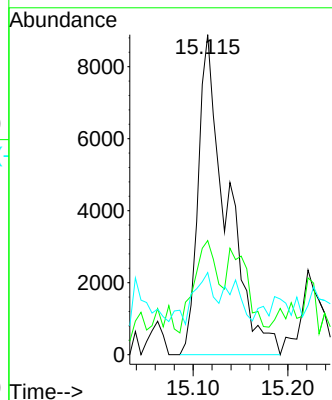
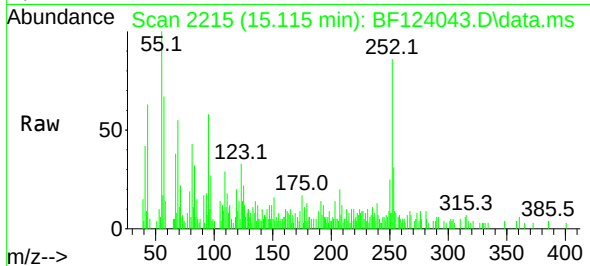




#89
Benzo(k)fluoranthene
Concen: 3.32 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.035 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Instrument :
BNA_F
ClientSampleId :
CL-01-052121

Tgt Ion:252 Resp: 18659
Ion Ratio Lower Upper
252 100
253 35.6 17.9 26.9#
125 25.7 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 2.14 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124043.D
Acq: 24 May 2021 18:14

Tgt Ion:252 Resp: 11428
Ion Ratio Lower Upper
252 100
253 28.6 18.4 27.6#
125 28.4 8.0 12.0#

