

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123630.D
 Acq On : 19 Apr 2021 19:21
 Operator : JU/CG
 Sample : M2063-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0-2

Quant Time: Apr 20 03:04:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

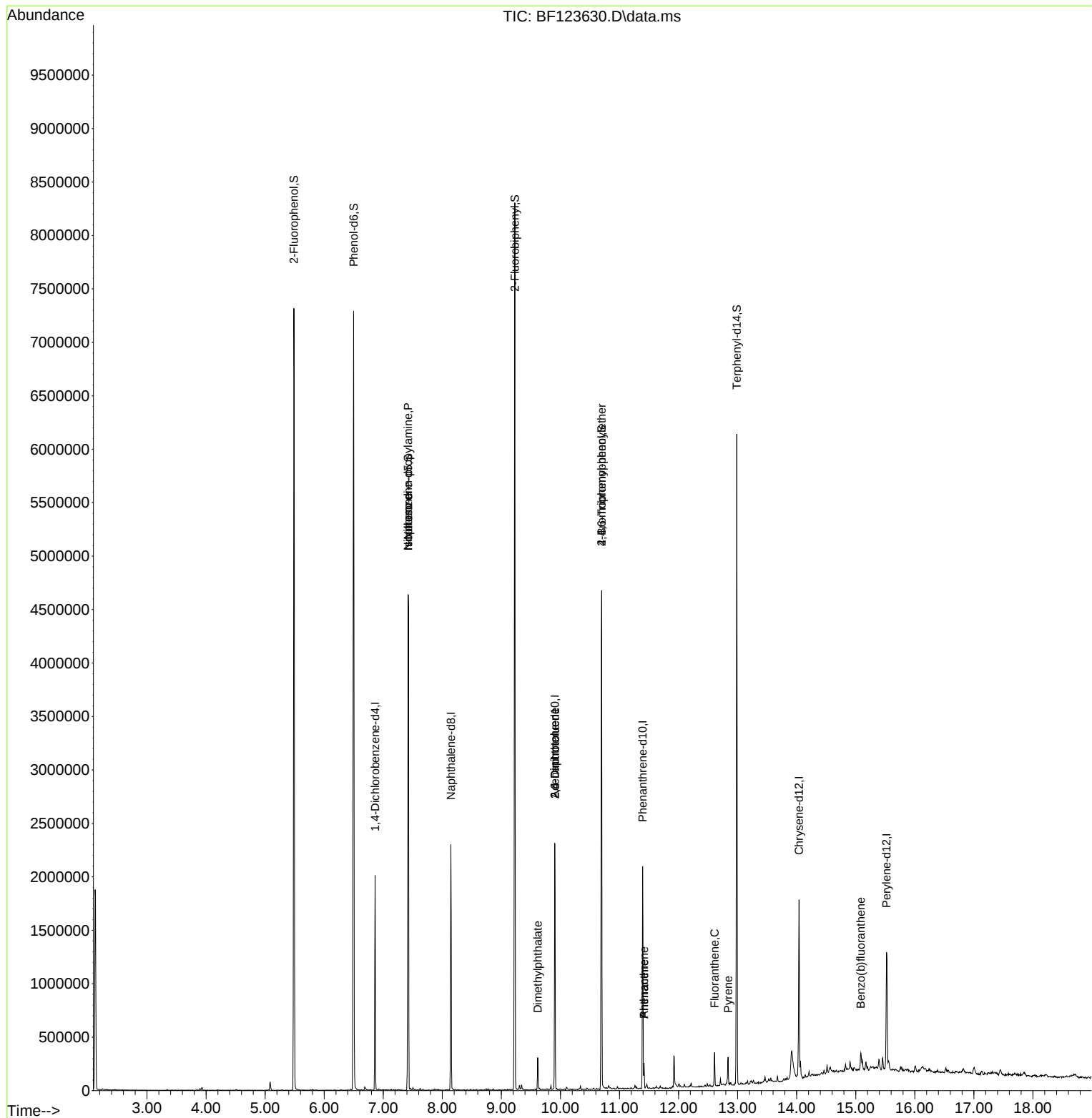
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	243128	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	880163	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	410201	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	694912	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	528024	20.00	ng	-0.02
86) Perylene-d12	15.521	264	519956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1676892	111.48	ng	0.00
7) Phenol-d6	6.498	99	2200585	105.57	ng	0.00
23) Nitrobenzene-d5	7.422	82	1575199	82.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	531771	114.48	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2238063	81.33	ng	-0.01
79) Terphenyl-d14	12.986	244	1810324	66.63	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	211863	15.34	ng	# 78
25) Isophorone	7.422	82	1575169	42.41	ng	# 69
50) Dimethylphthalate	9.616	163	89506	3.16	ng	98
51) 2,6-Dinitrotoluene	9.904	165	54209	8.71	ng	# 11
57) 2,4-Dinitrotoluene	9.904	165	54209	6.52	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	31275	4.30	ng	# 1
71) Phenanthrene	11.416	178	72909	2.01	ng	99
72) Anthracene	11.416	178	72909	2.01	ng	99
75) Fluoranthene	12.610	202	120240	3.02	ng	99
78) Pyrene	12.839	202	98788	2.56	ng	96
88) Benzo(b)fluoranthene	15.086	252	109841	2.99	ng	# 94

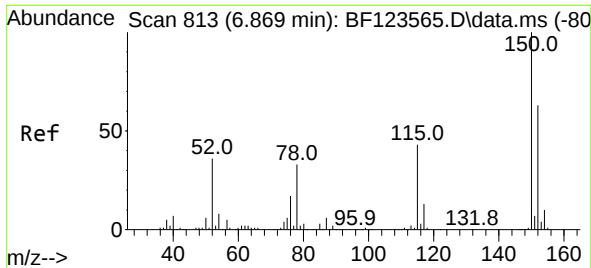
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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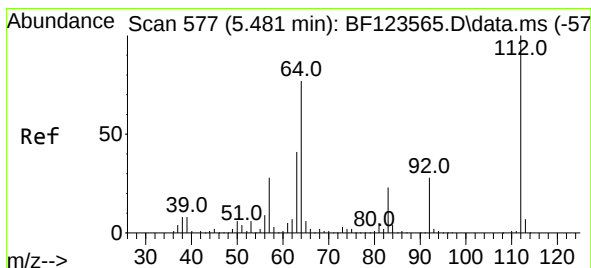
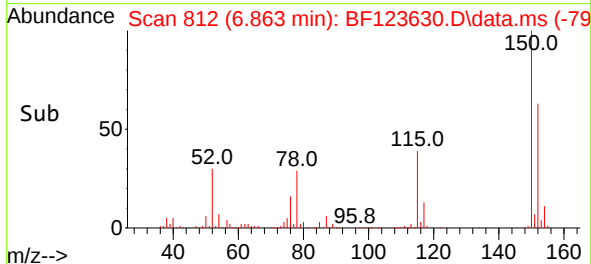
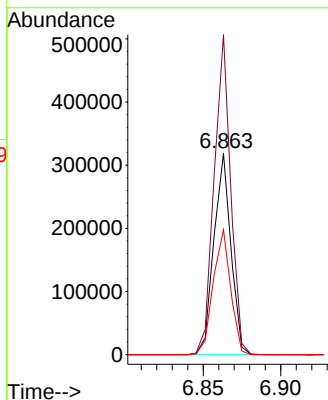
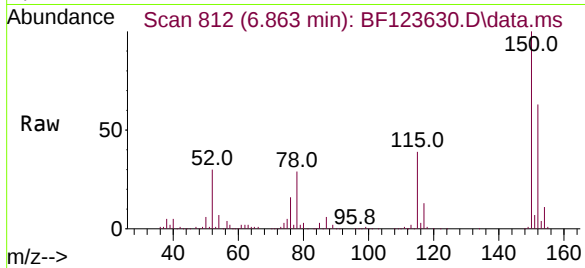




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

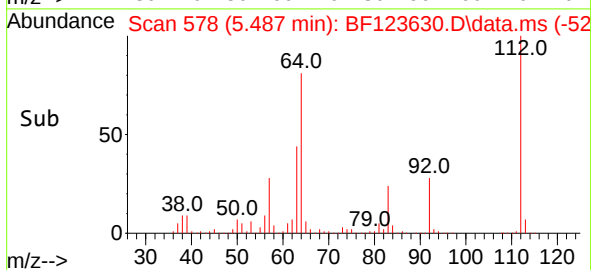
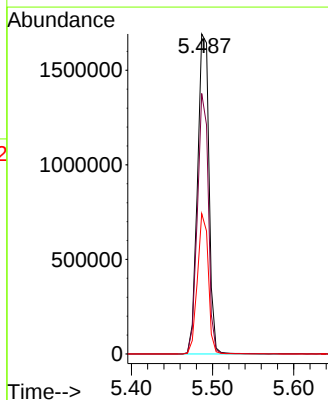
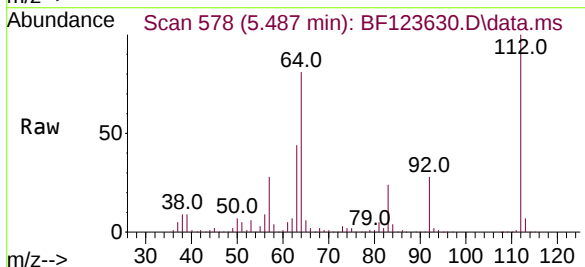
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

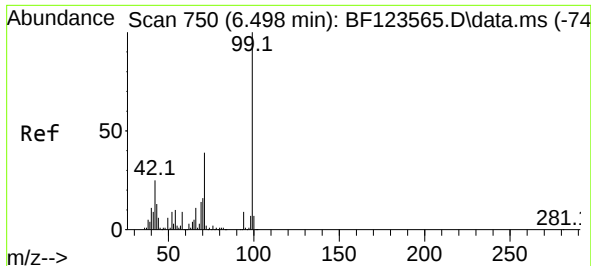
Tgt Ion:152 Resp: 243128
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 62.0 54.3 81.5



#5
2-Fluorophenol
Concen: 111.48 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:112 Resp: 1676892
Ion Ratio Lower Upper
112 100
64 81.4 61.4 92.0
63 43.9 33.0 49.4



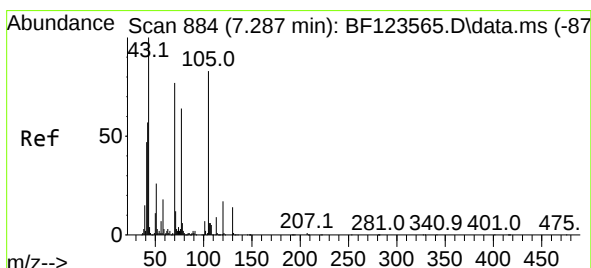
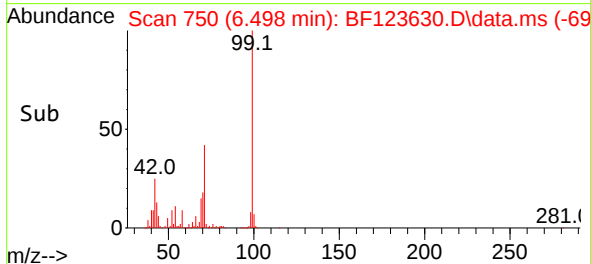
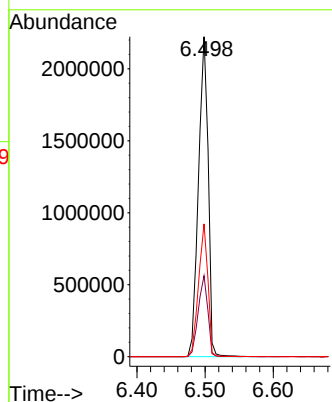
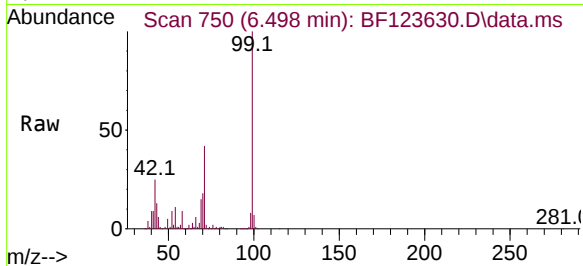


#7
Phenol-d6
Concen: 105.57 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Instrument :
BNA_F
ClientSampleId :
TP1-0-2

Tgt Ion: 99 Resp: 2200585

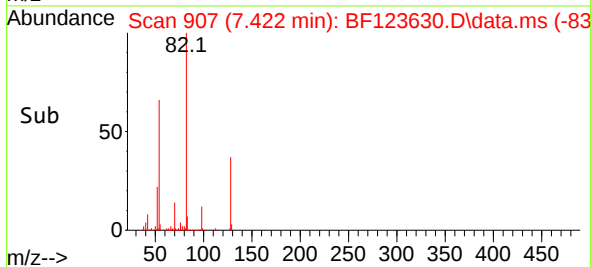
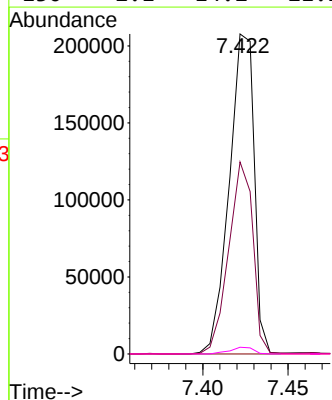
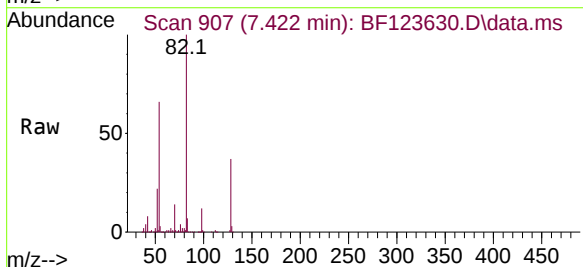
Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	41.5	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion: 70 Resp: 211863

Ion	Ratio	Lower	Upper
70	100		
42	60.0	60.1	90.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.2#

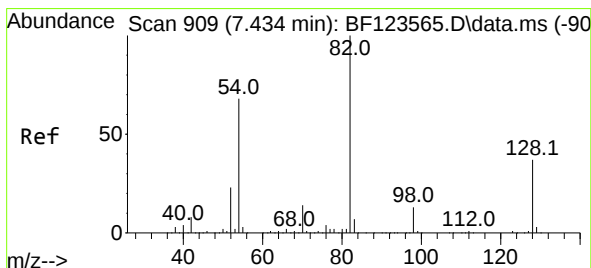
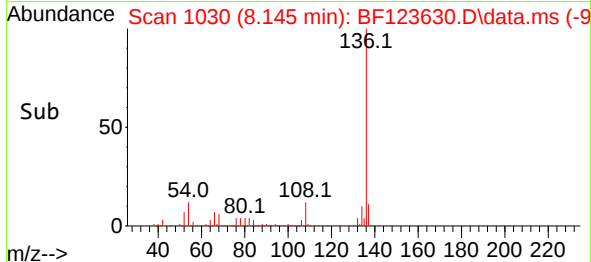
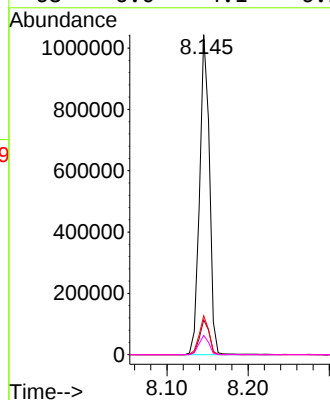
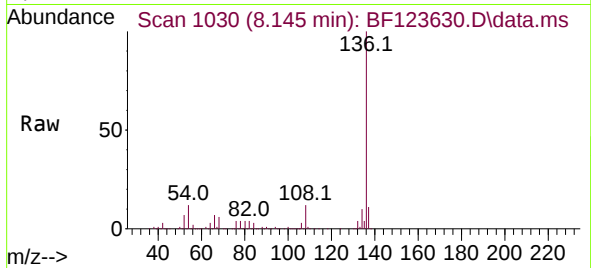




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

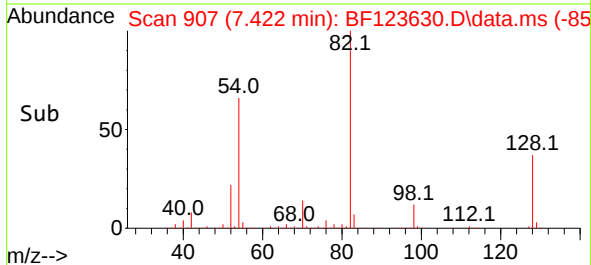
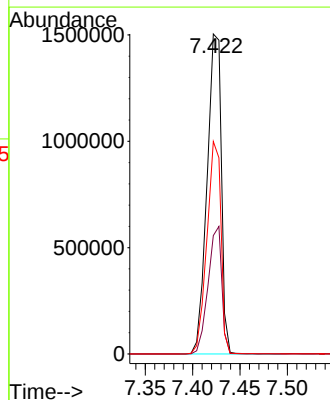
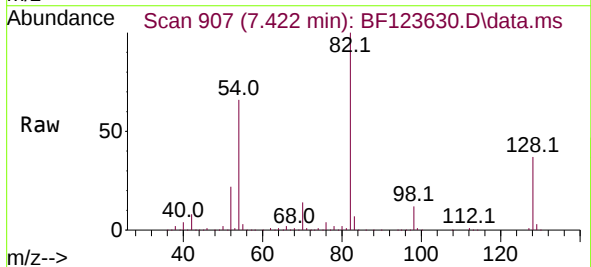
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

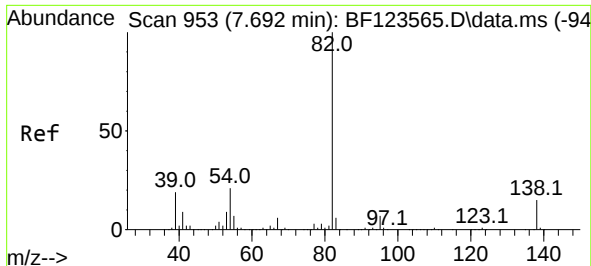
Tgt Ion:136	Resp: 880163
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 12.2	9.8 14.6
68 6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.27 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion: 82		Resp: 1575199	
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	66.4	54.1	81.1

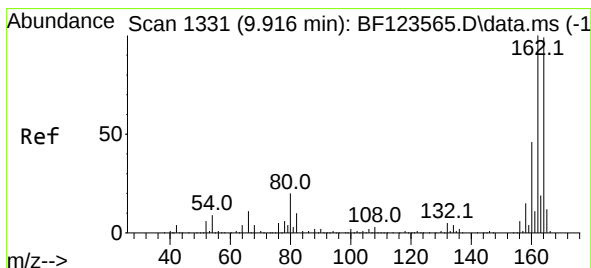
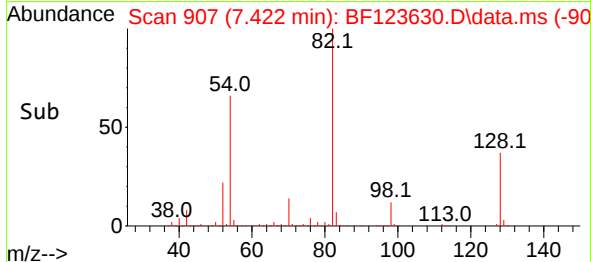
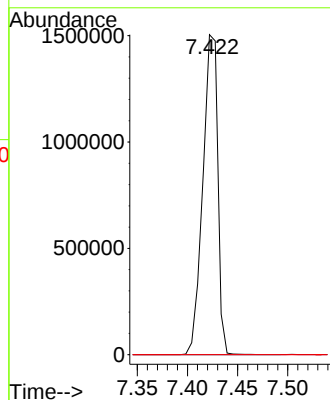
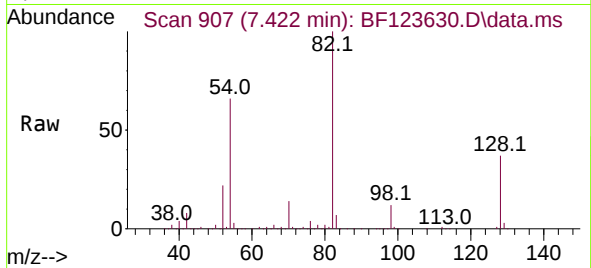




#25
Isophorone
Concen: 42.41 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

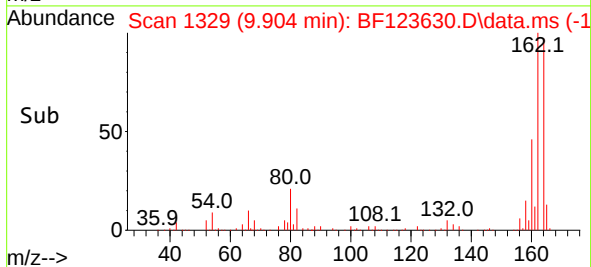
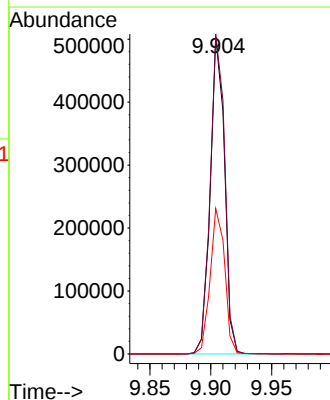
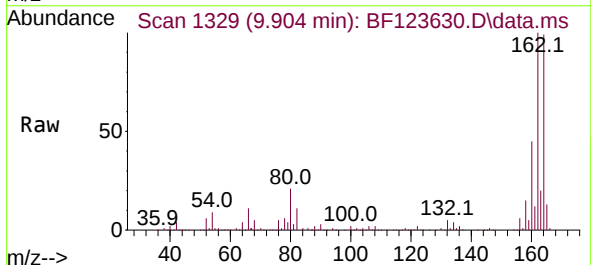
Instrument :
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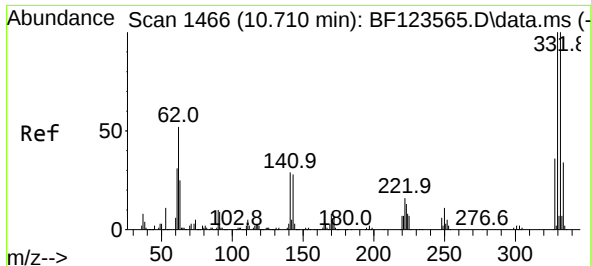
Tgt Ion: 82 Resp: 1575169
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion: 164 Resp: 410201
Ion Ratio Lower Upper
164 100
162 101.0 80.7 121.1
160 45.9 37.3 55.9

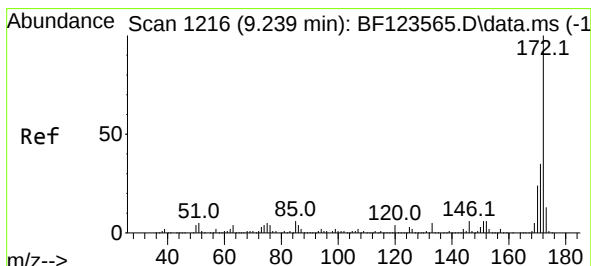
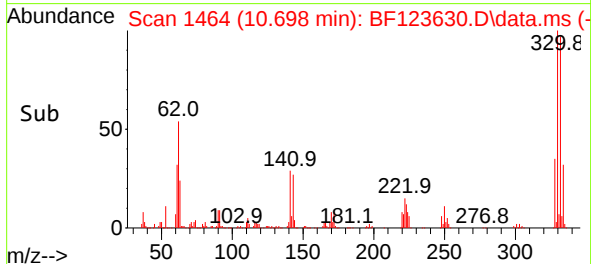
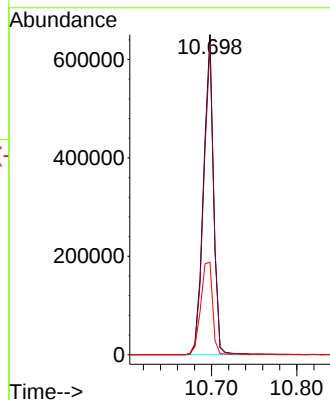
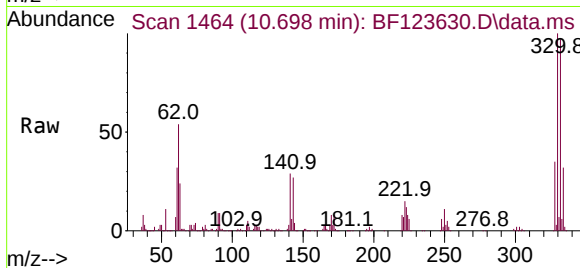




#42
2,4,6-Tribromophenol
Concen: 114.48 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

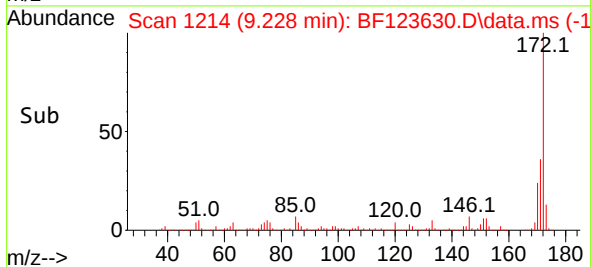
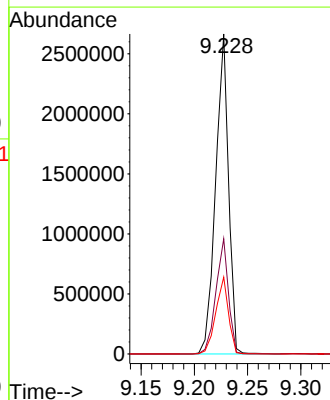
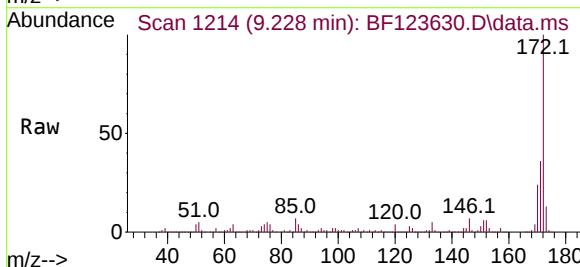
Instrument :
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ClientSampleId :
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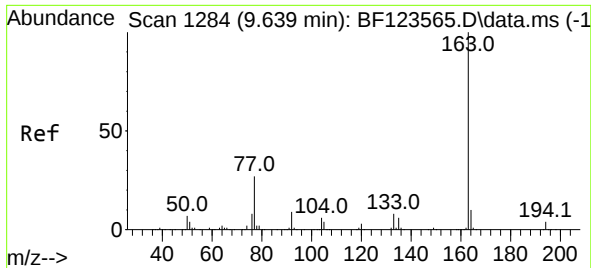
Tgt Ion: 330 Resp: 531771
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 34.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.33 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion: 172 Resp: 2238063
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.0 19.2 28.8

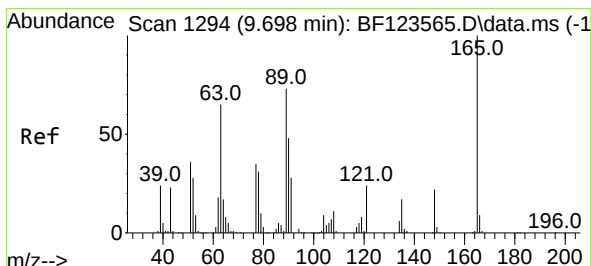
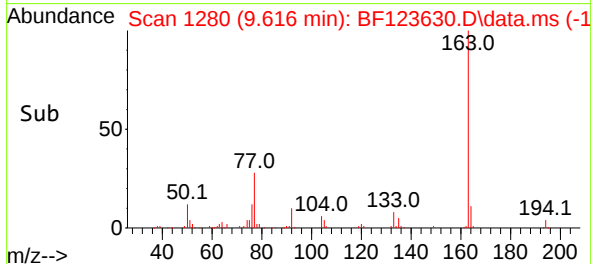
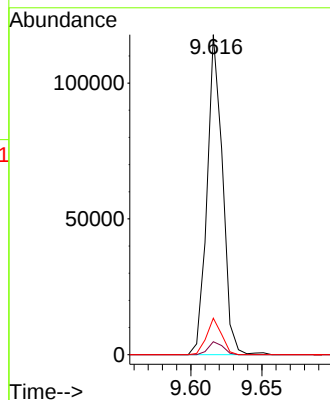
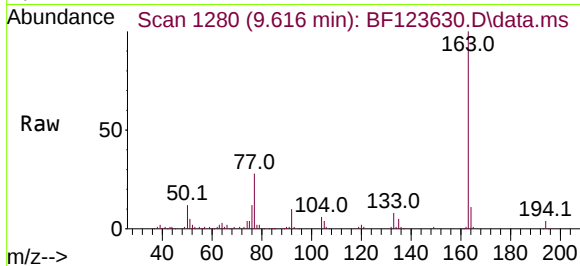




#50
Dimethylphthalate
Concen: 3.16 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

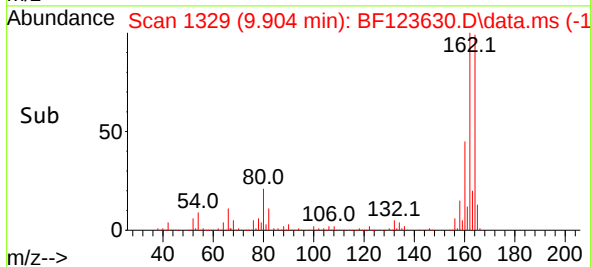
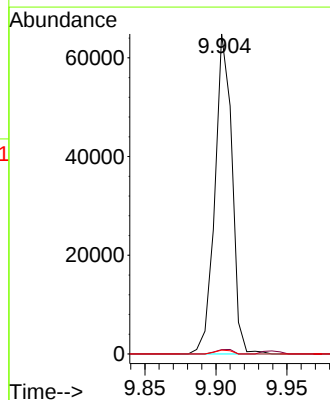
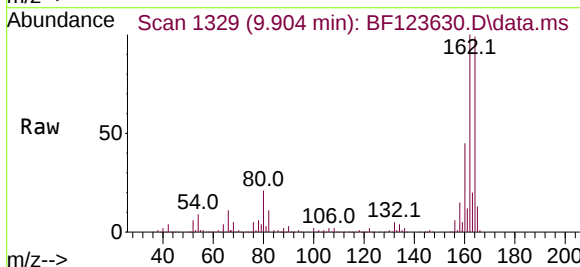
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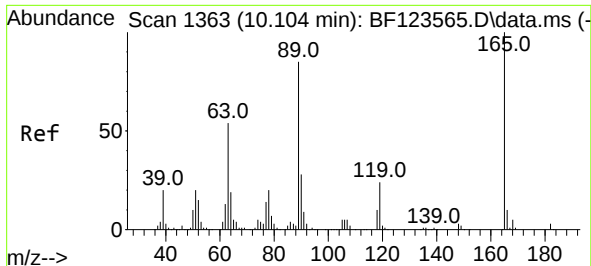
Tgt Ion:163 Resp: 89506
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 11.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:165 Resp: 54209
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.2 58.8 88.2#

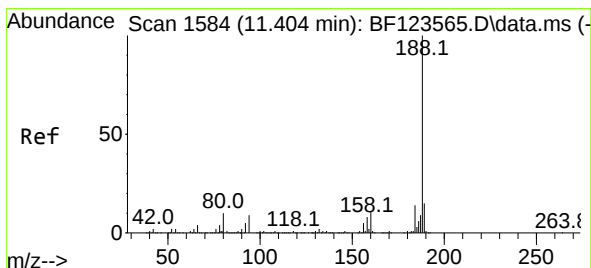
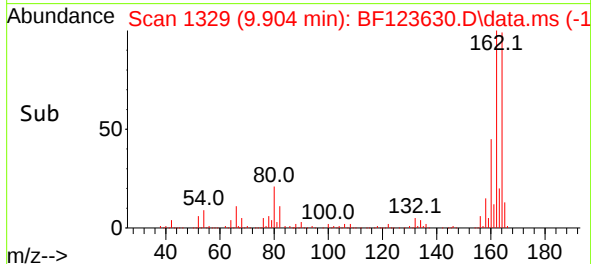
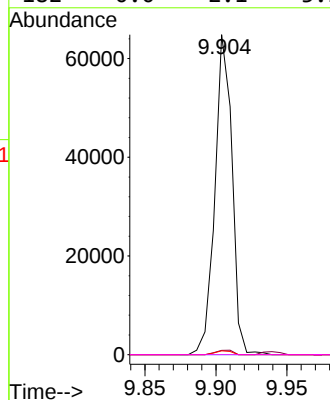
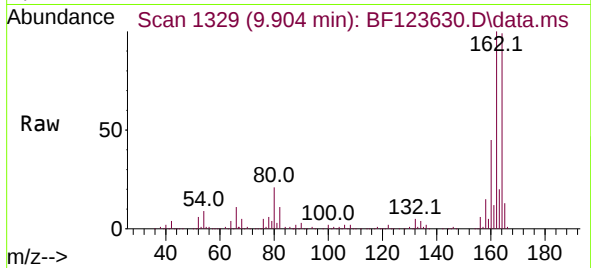




#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

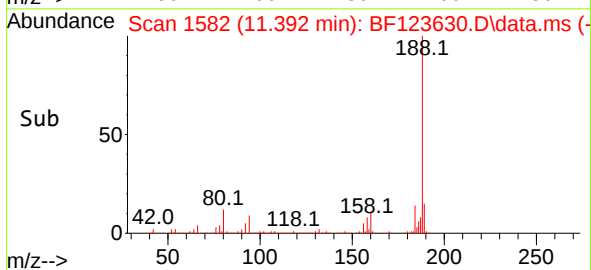
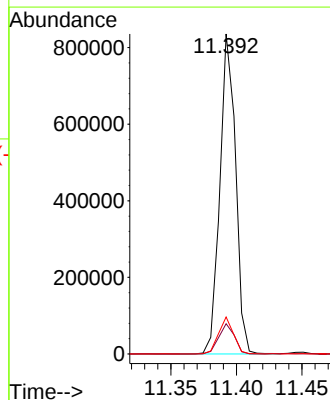
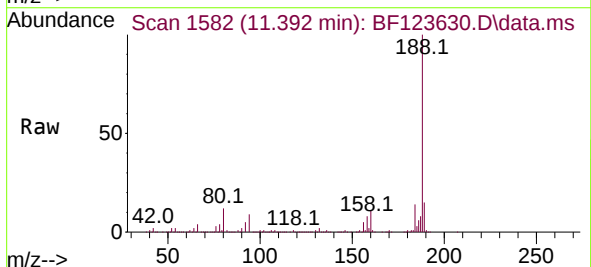
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

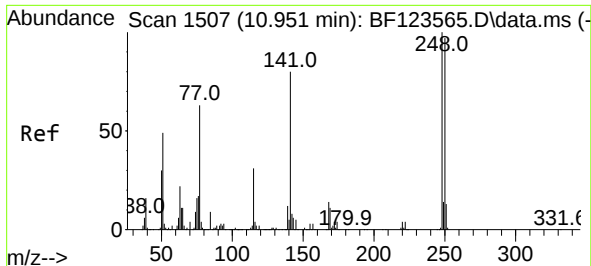
Tgt Ion:165	Resp:	54209
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.5 65.3#
89	1.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:188	Resp:	694912
Ion Ratio	Lower	Upper
188	100	
94	9.4	6.9 10.3
80	11.6	8.2 12.2

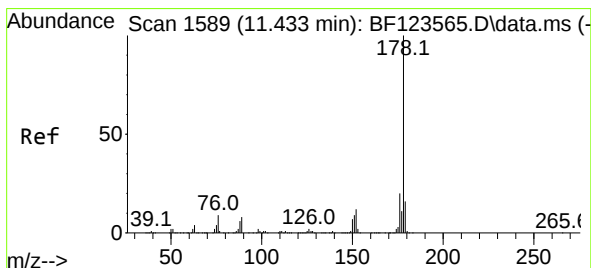
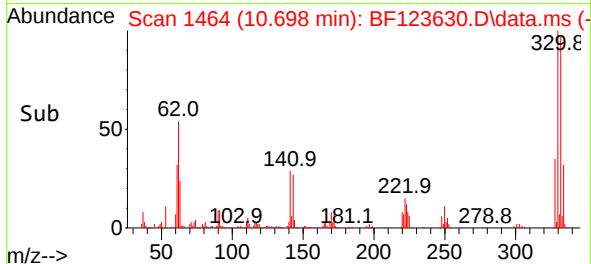
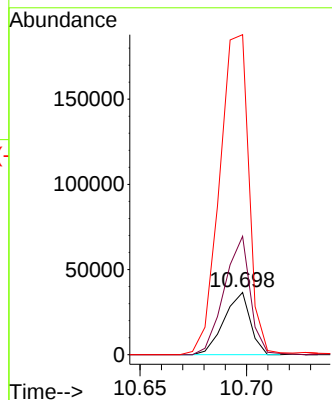
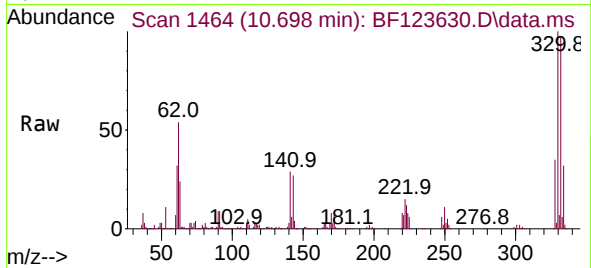




#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

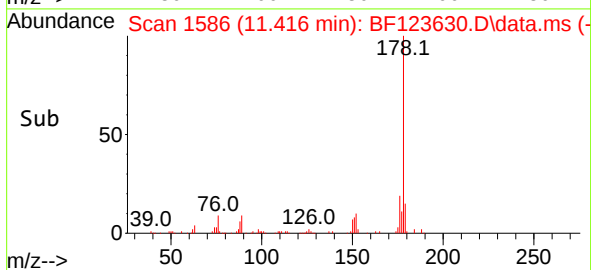
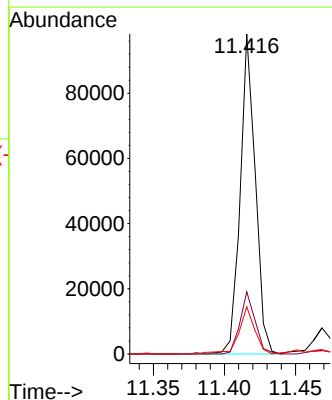
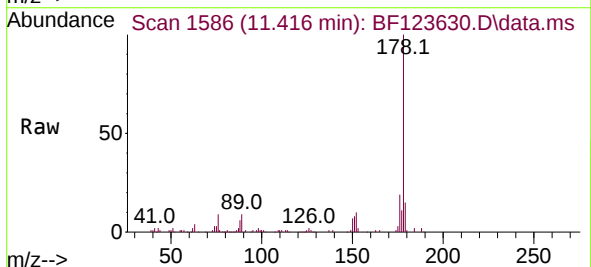
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

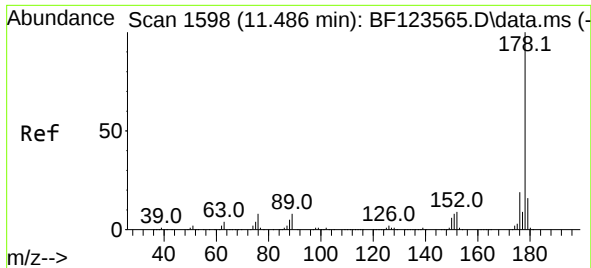
Tgt Ion:248 Resp: 31275
Ion Ratio Lower Upper
248 100
250 190.0 77.4 116.2#
141 513.5 63.7 95.5#



#71
Phenanthrene
Concen: 2.01 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:178 Resp: 72909
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 14.8 12.5 18.7

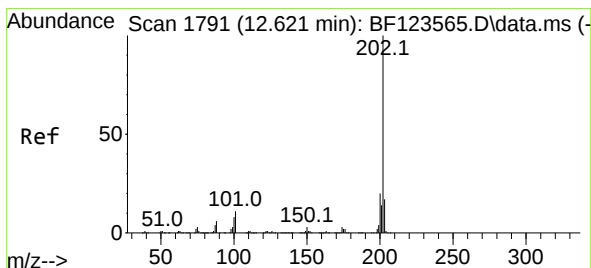
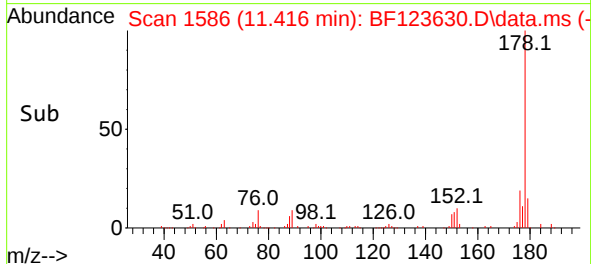
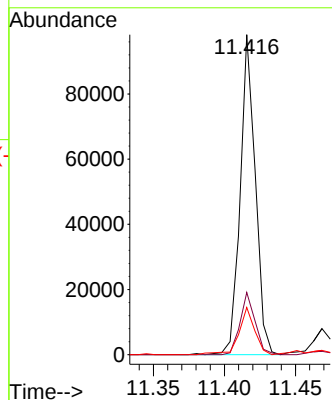
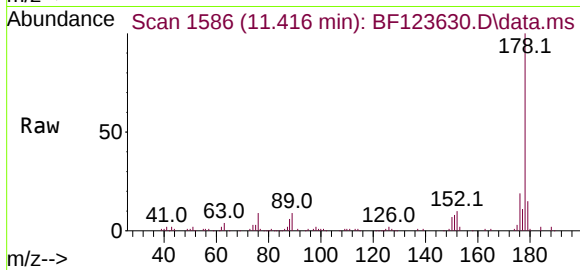




#72
 Anthracene
 Concen: 2.01 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. -0.071 min
 Lab File: BF123630.D
 Acq: 19 Apr 2021 19:21

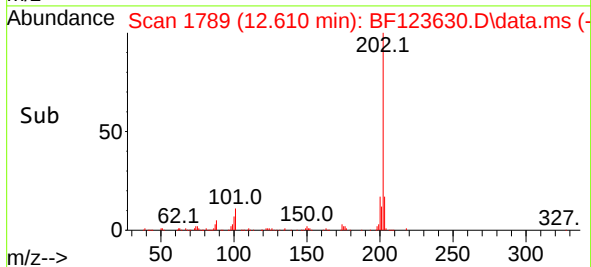
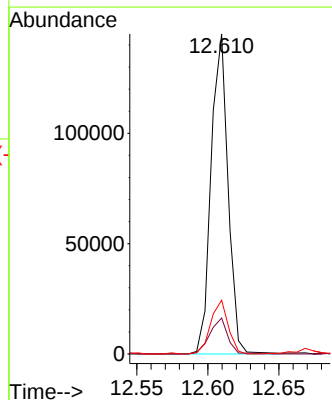
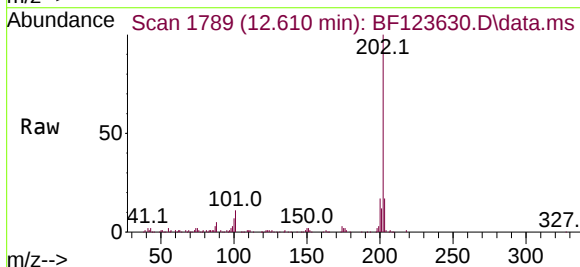
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0-2

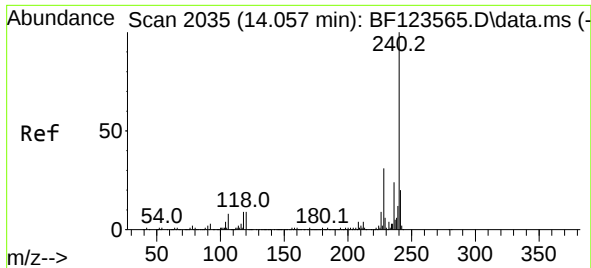
Tgt Ion:178 Resp: 72909
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 14.8 12.6 18.8



#75
 Fluoranthene
 Concen: 3.02 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. -0.018 min
 Lab File: BF123630.D
 Acq: 19 Apr 2021 19:21

Tgt Ion:202 Resp: 120240
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.9
 203 16.8 0.0 37.5

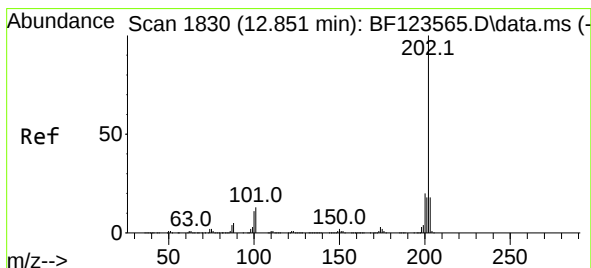
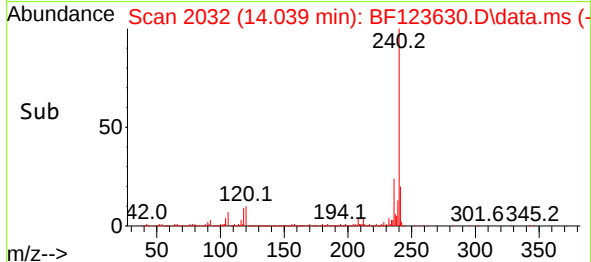
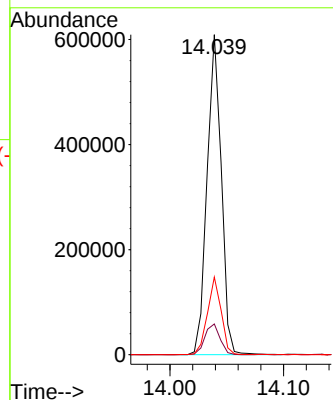
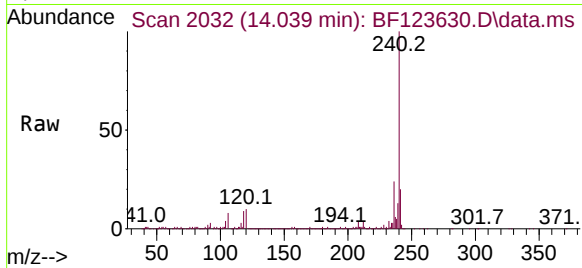




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

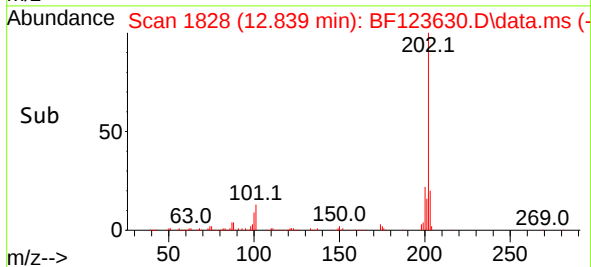
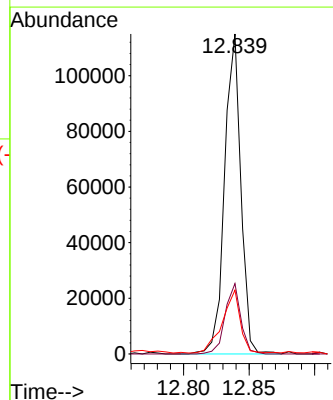
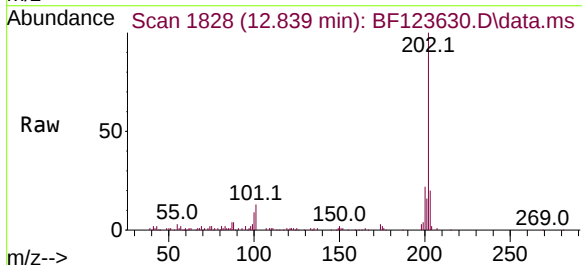
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

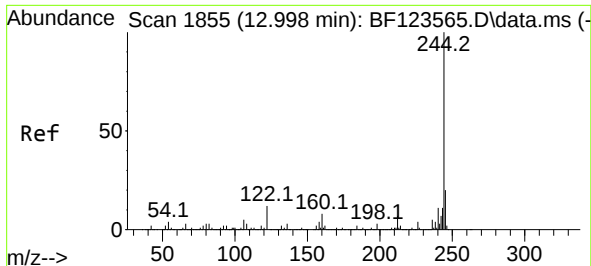
Tgt Ion:240 Resp: 528024
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 24.2 19.0 28.4



#78
Pyrene
Concen: 2.56 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:202 Resp: 98788
Ion Ratio Lower Upper
202 100
200 22.0 16.1 24.1
203 19.9 14.8 22.2

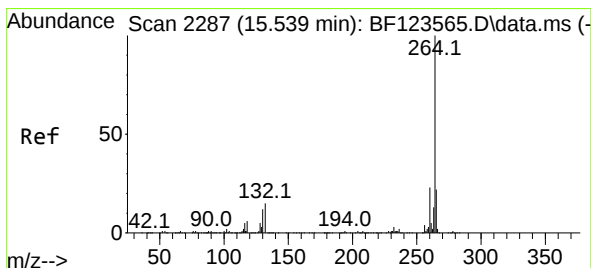
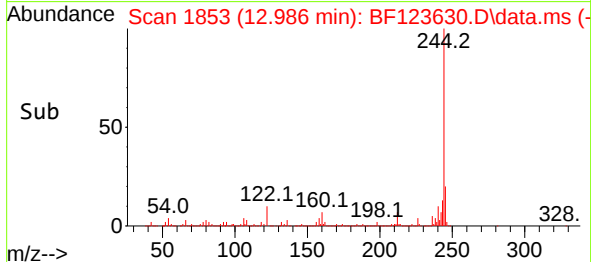
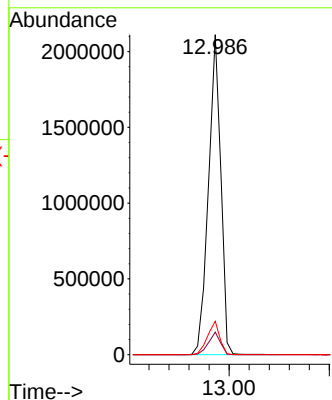
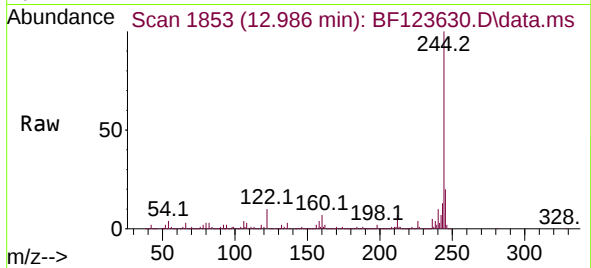




#79
Terphenyl-d14
Concen: 66.63 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

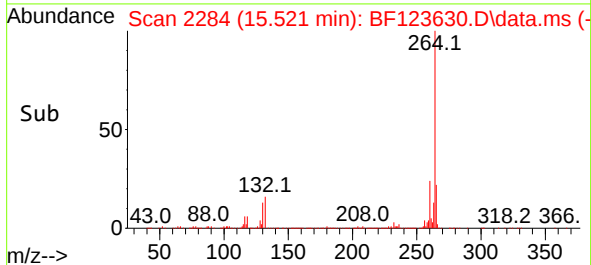
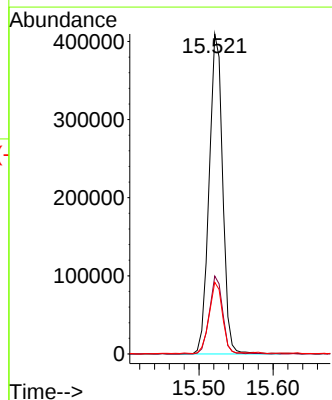
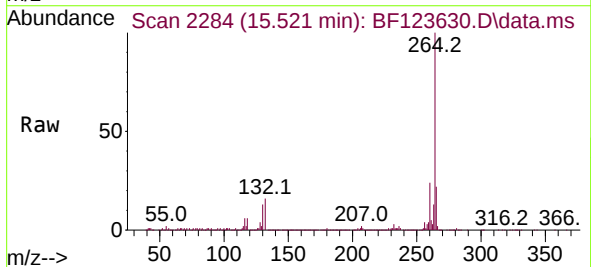
Instrument :
BNA_F
ClientSampleId :
TP1-0-2

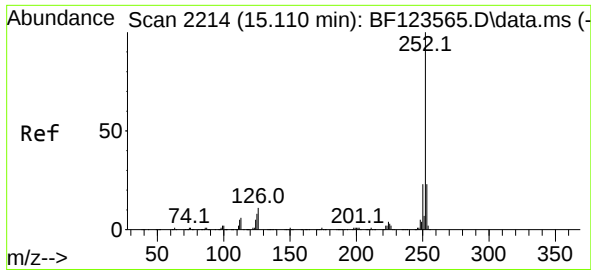
Tgt Ion:244 Resp: 1810324
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:264 Resp: 519956
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.4 17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 2.99 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.023 min

Lab File: BF123630.D

Acq: 19 Apr 2021 19:21

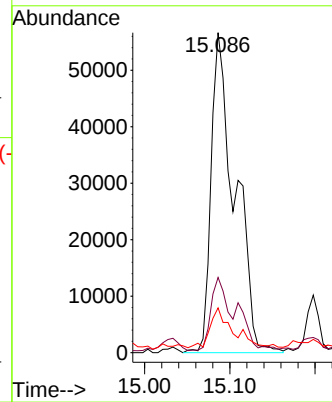
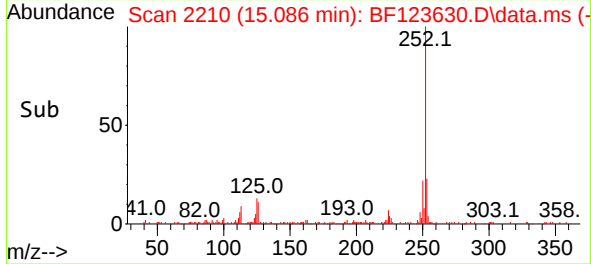
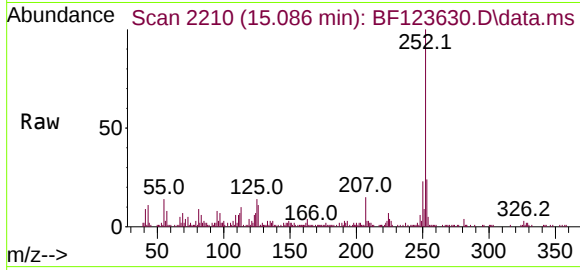
Tgt Ion:252 Resp: 109841

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

125 14.0 6.2 9.4#



Instrument :

BNA_F

ClientSampleId :

TP1-0-2