

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123952.D
 Acq On : 15 May 2021 18:55
 Operator : JU/CG
 Sample : M2392-23 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: May 16 05:20:58 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)

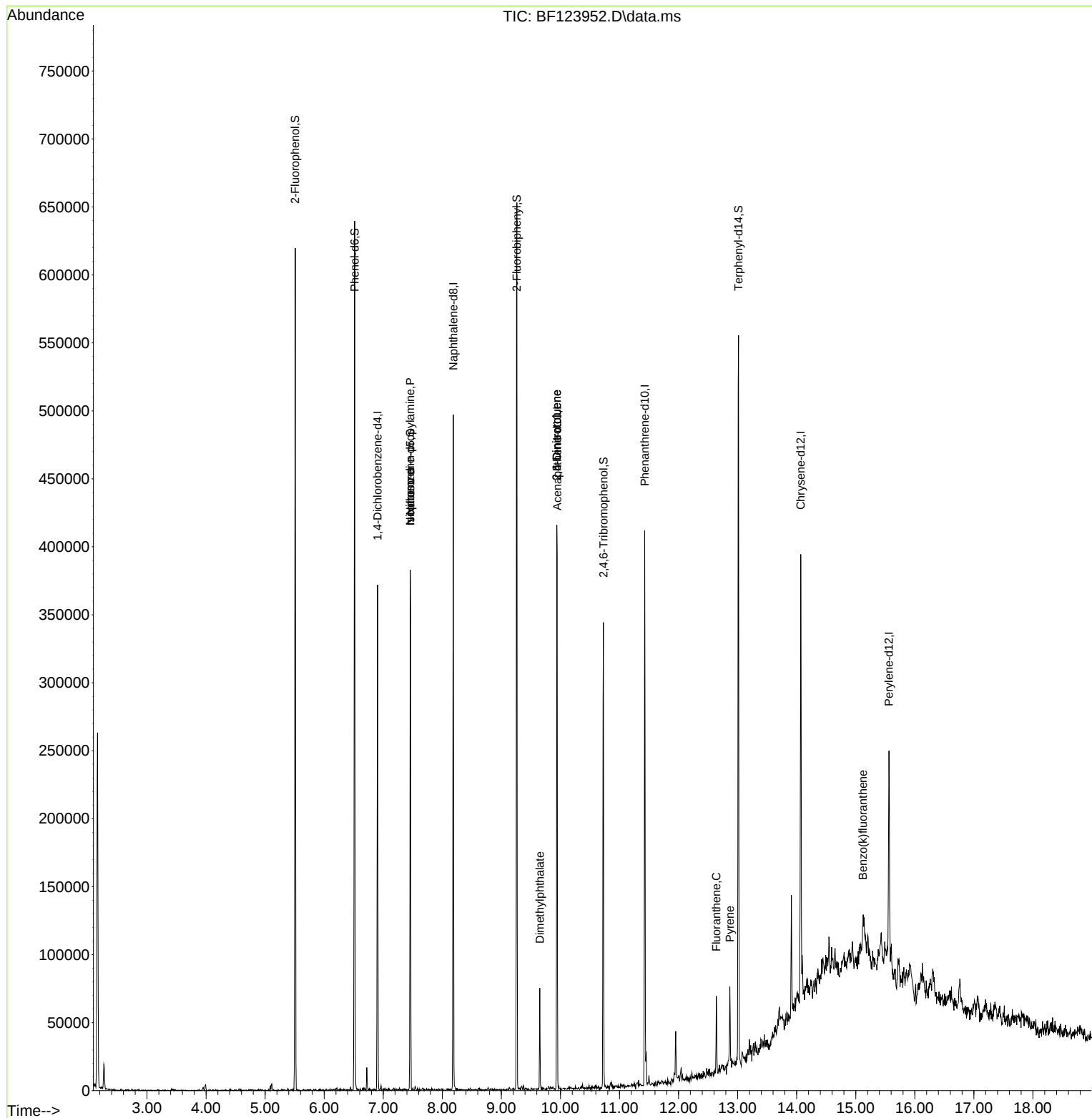
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	41146	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	159345	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	77032	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	119491	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	94059	20.00	ng	0.00
86) Perylene-d12	15.562	264	59975	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	123531	42.15	ng	0.00
7) Phenol-d6	6.516	99	147801	38.88	ng	0.00
23) Nitrobenzene-d5	7.457	82	105278	28.47	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	29948	32.37	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	172827	27.61	ng	0.00
79) Terphenyl-d14	13.016	244	157381	25.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	15211	5.92	ng	# 79
25) Isophorone	7.457	82	105275	14.80	ng	# 69
50) Dimethylphthalate	9.651	163	21244	3.45	ng	99
51) 2,6-Dinitrotoluene	9.939	165	9213	7.41	ng	# 14
57) 2,4-Dinitrotoluene	9.939	165	9213	6.04	ng	# 19
75) Fluoranthene	12.639	202	18280	2.33	ng	95
78) Pyrene	12.868	202	20415	2.44	ng	96
89) Benzo(k)fluoranthene	15.121	252	8799	2.08	ng	# 82

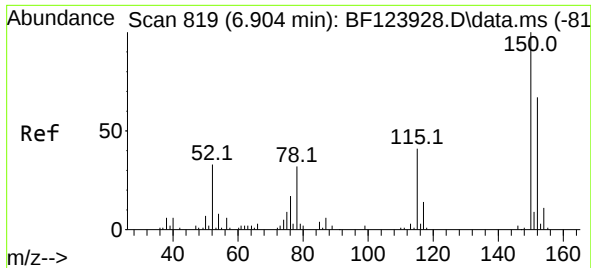
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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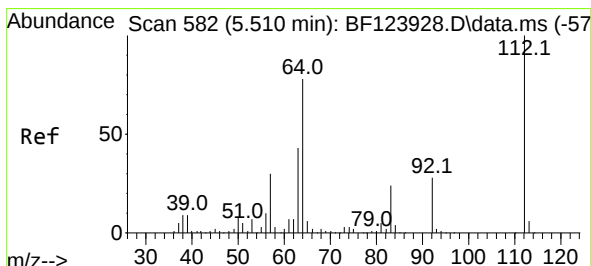
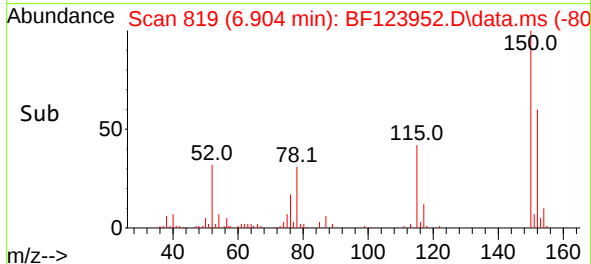
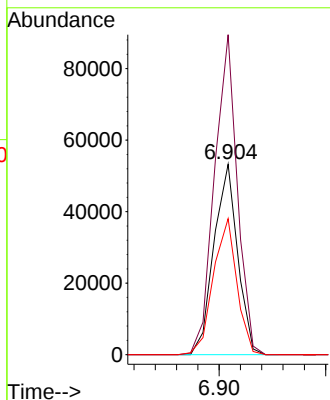
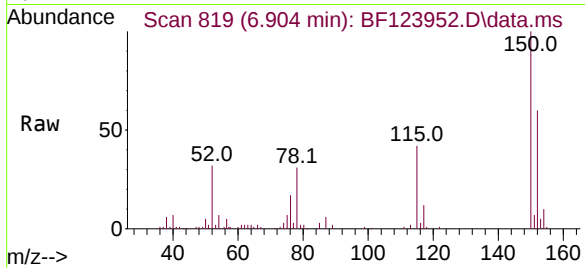




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

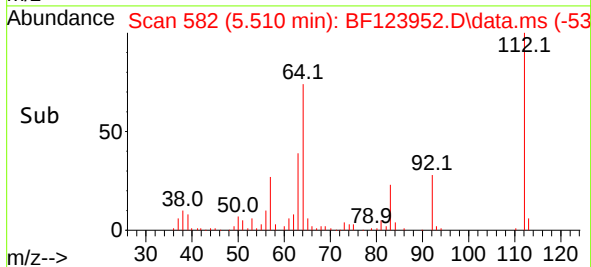
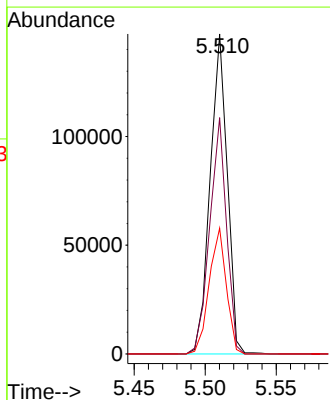
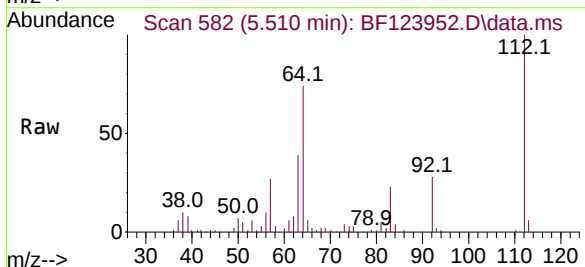
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

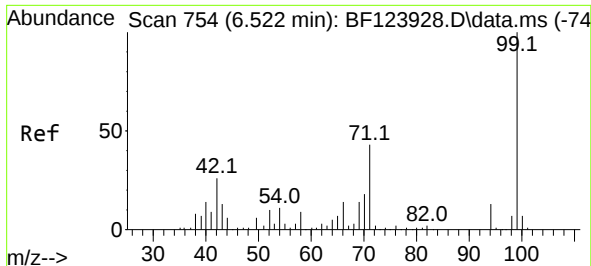
Tgt Ion:152 Resp: 41146
Ion Ratio Lower Upper
152 100
150 168.0 127.0 190.6
115 71.4 54.3 81.5



#5
2-Fluorophenol
Concen: 42.15 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion:112 Resp: 123531
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 39.3 33.0 49.4

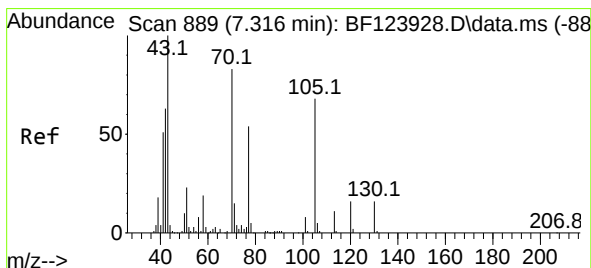
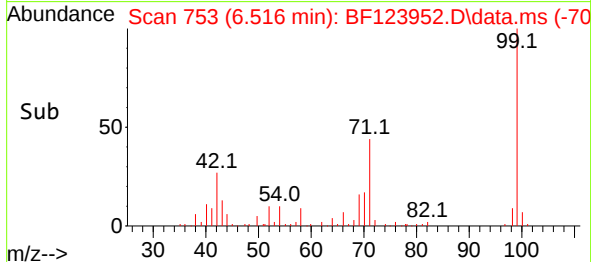
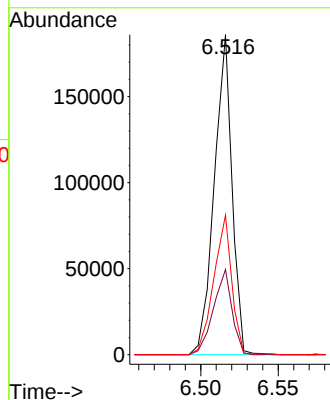
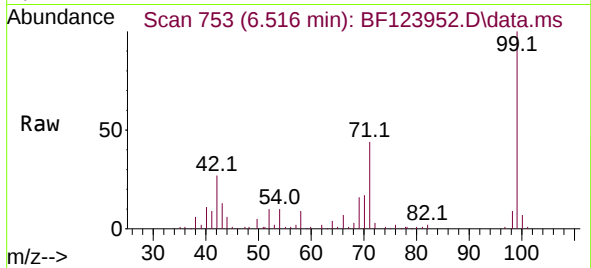




#7
Phenol-d6
Concen: 38.88 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

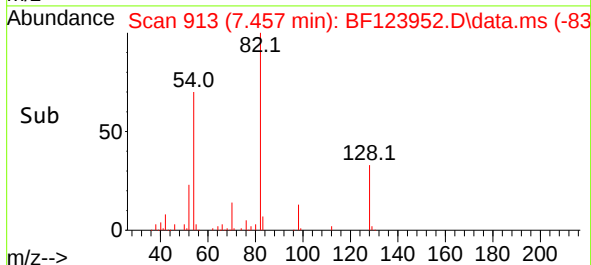
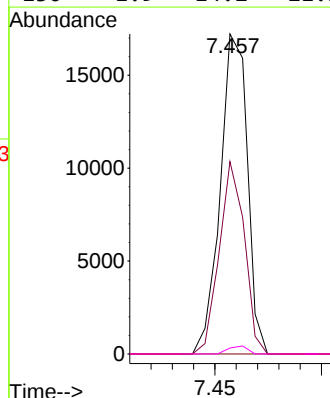
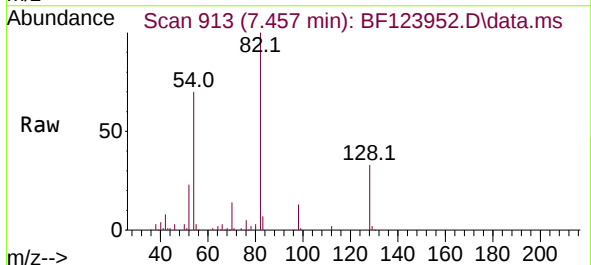
Instrument :
BNA_F
ClientSampleId :
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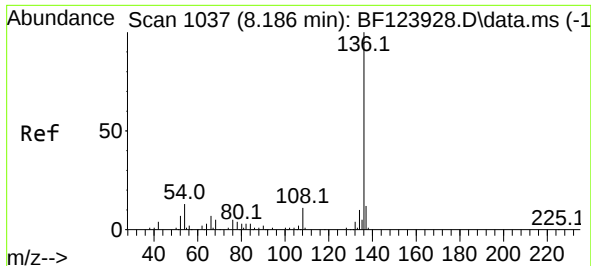
Tgt Ion: 99 Resp: 147801
Ion Ratio Lower Upper
99 100
42 26.6 19.8 29.8
71 43.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.92 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion: 70 Resp: 15211
Ion Ratio Lower Upper
70 100
42 60.1 60.1 90.1
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

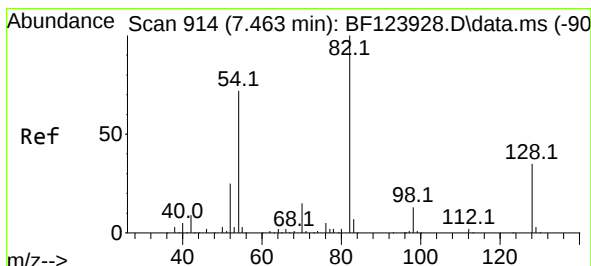
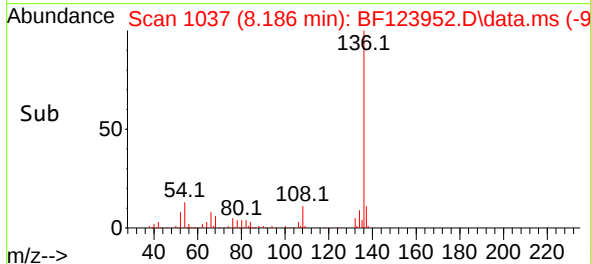
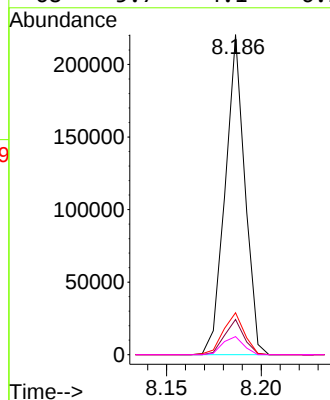
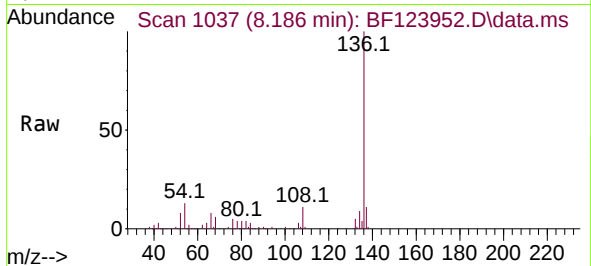




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

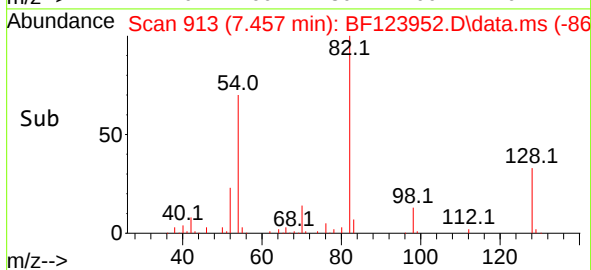
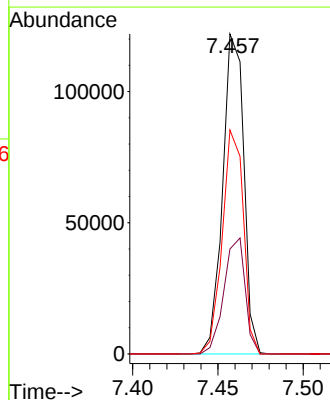
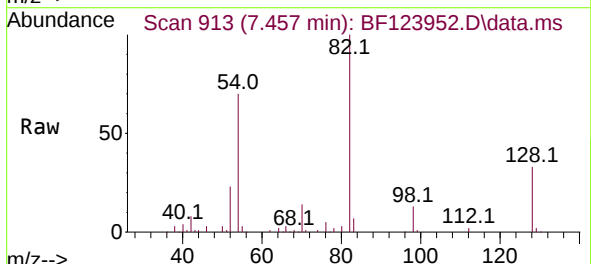
Instrument :
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ClientSampleId :
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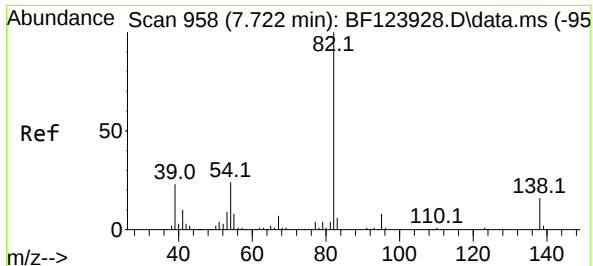
Tgt	Ion:136	Resp:	159345
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	13.1	9.8	14.6
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 28.47 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion: 82	Resp: 105278
Ion Ratio	Lower Upper
82 100	
128 32.8	29.4 44.2
54 70.0	54.1 81.1

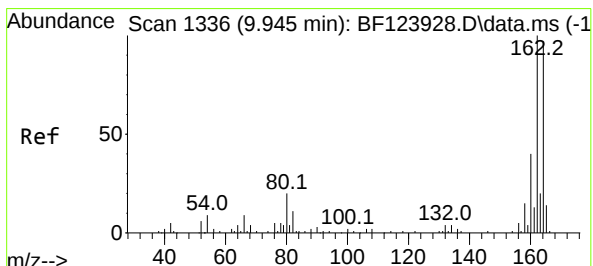
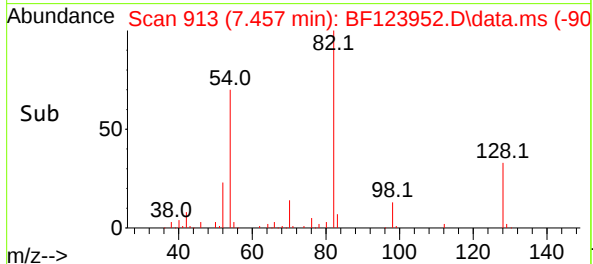
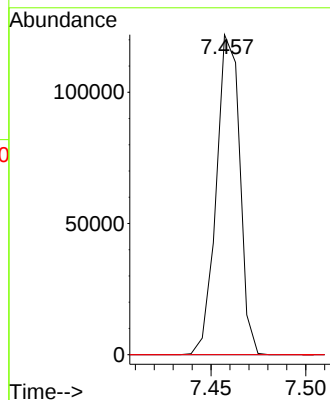
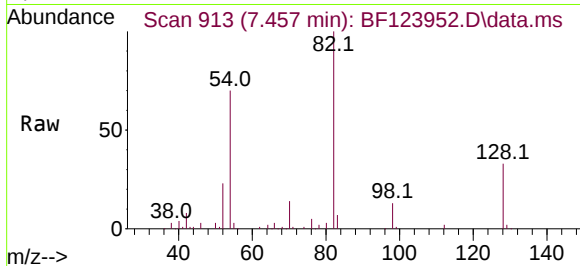




#25
Isophorone
Concen: 14.80 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

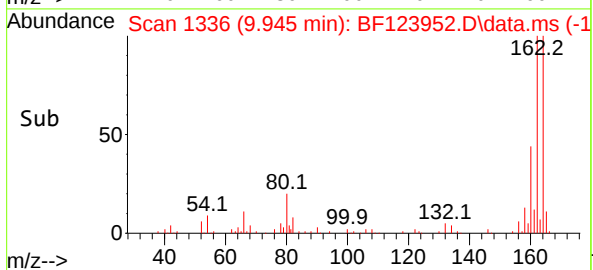
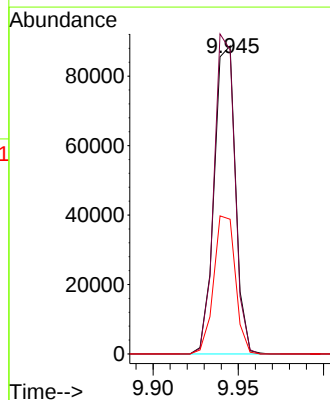
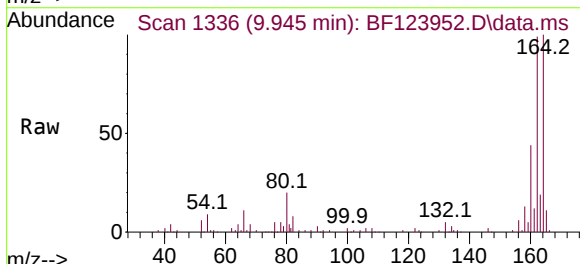
Instrument :
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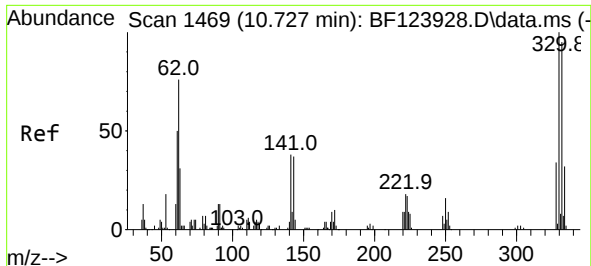
Tgt Ion: 82 Resp: 105275
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion:164 Resp: 77032
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 43.8 37.3 55.9

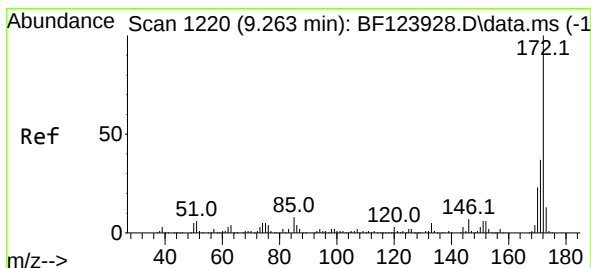
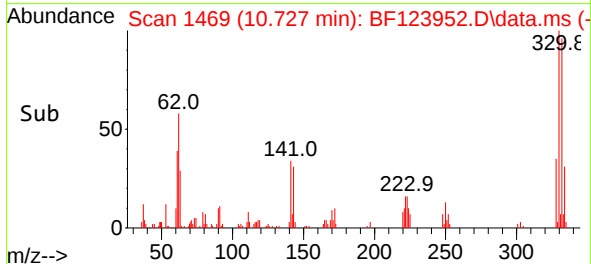
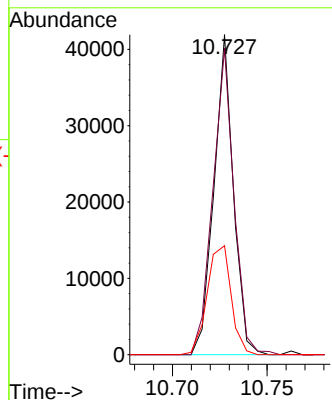
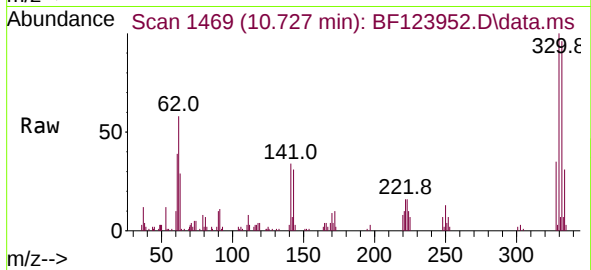




#42
2,4,6-Tribromophenol
Concen: 32.37 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

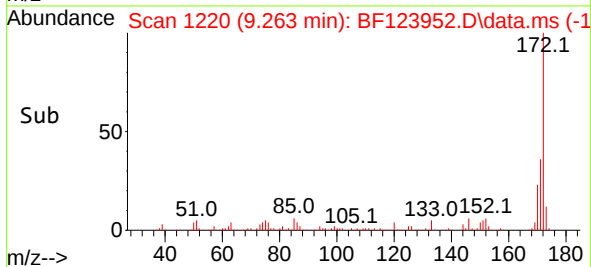
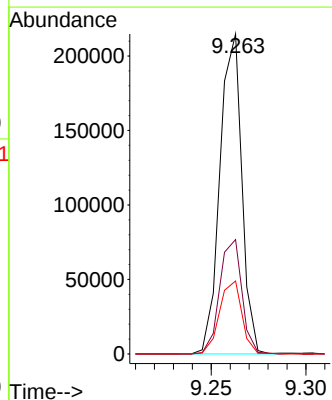
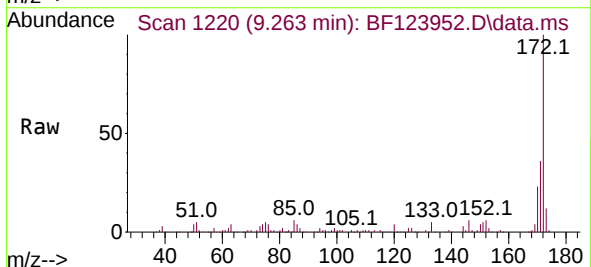
Instrument :
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ClientSampleId :
SB-08-COMP

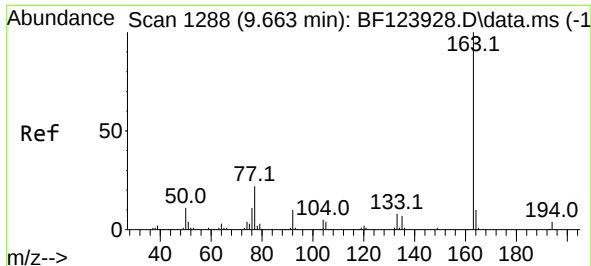
Tgt Ion: 330 Resp: 29948
Ion Ratio Lower Upper
330 100
332 103.7 77.1 115.7
141 42.1 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 27.61 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion: 172 Resp: 172827
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 22.8 19.2 28.8

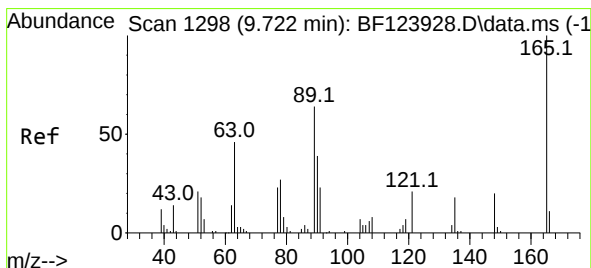
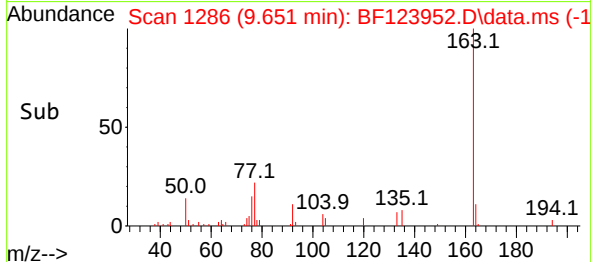
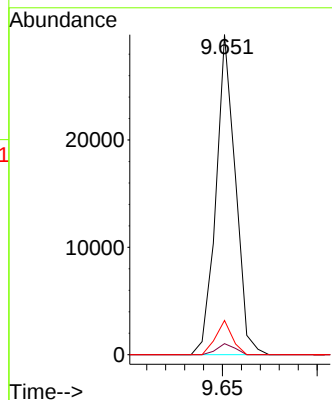
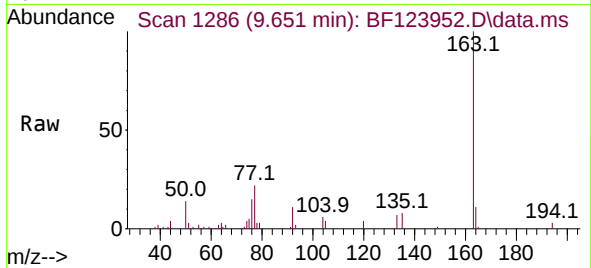




#50
Dimethylphthalate
Concen: 3.45 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

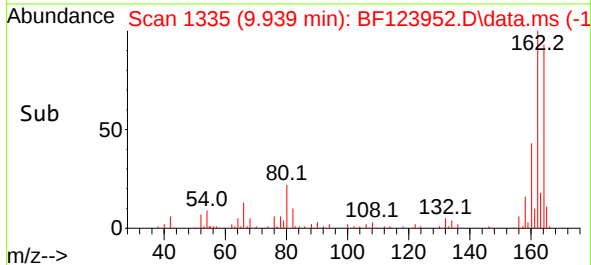
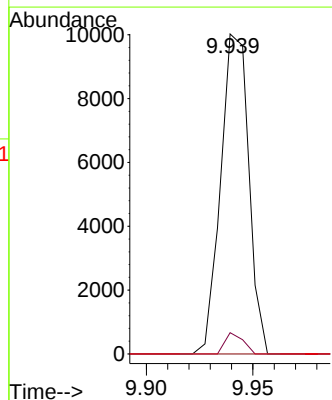
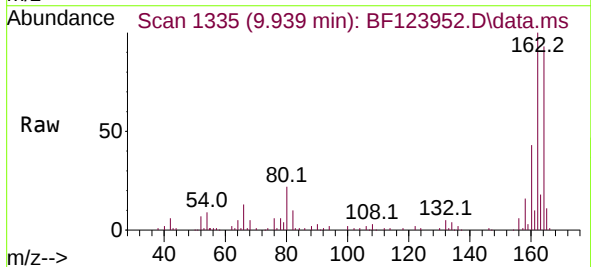
Instrument :
BNA_F
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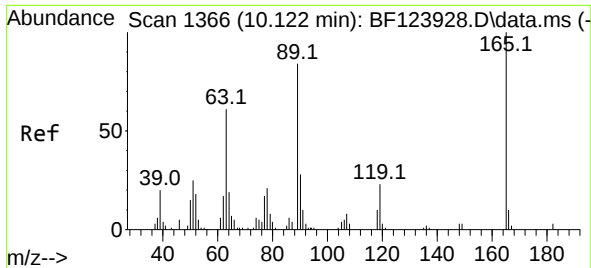
Tgt Ion:163 Resp: 21244
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

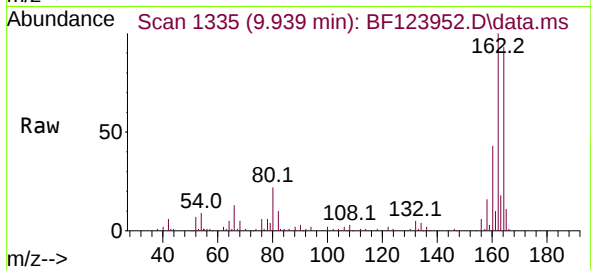
Tgt Ion:165 Resp: 9213
Ion Ratio Lower Upper
165 100
63 6.6 67.7 101.5#
89 0.0 58.8 88.2#



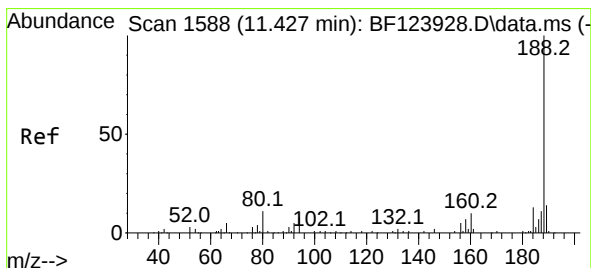
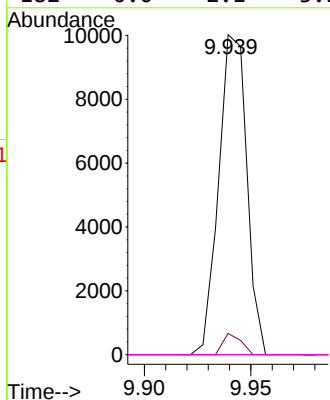
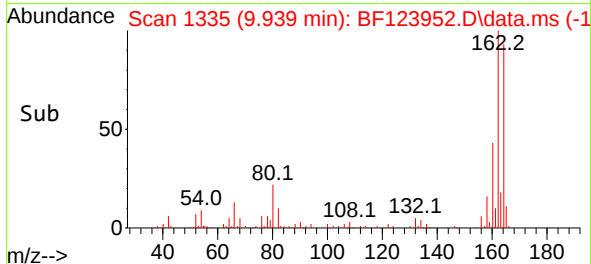


#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

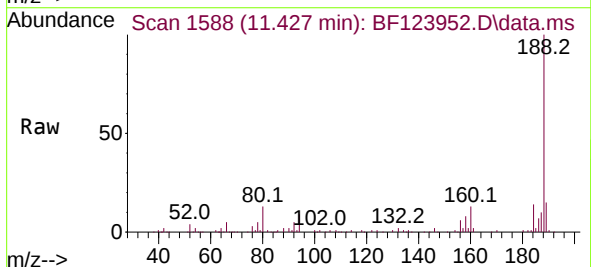
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP



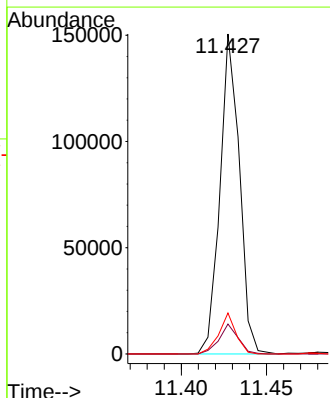
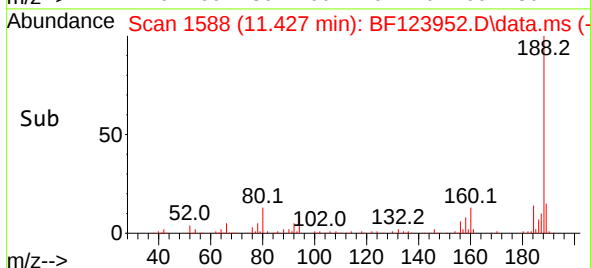
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Ion Ratio Lower Upper
165 100
63 6.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

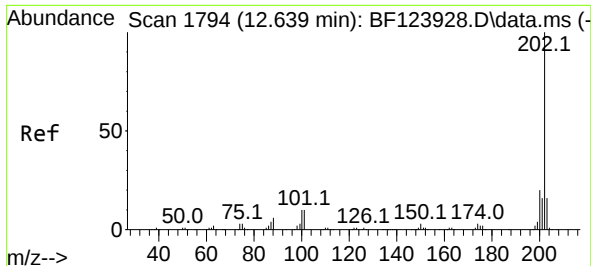


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55



Tgt Ion:188 Resp: 119491
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 12.8 8.2 12.2#

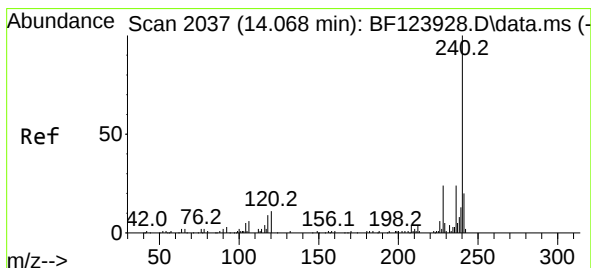
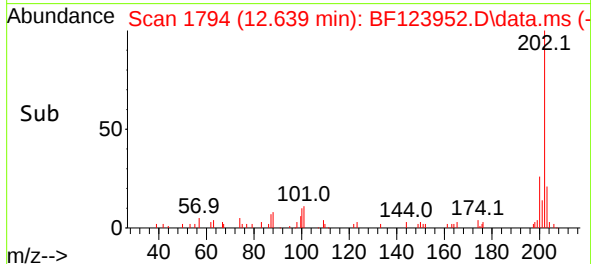
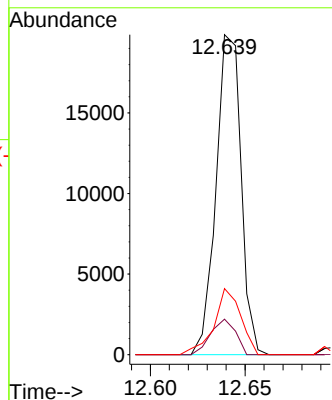
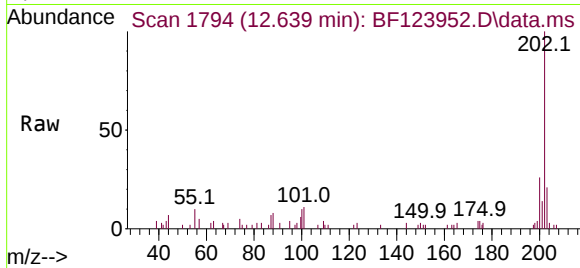




#75
Fluoranthene
Concen: 2.33 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

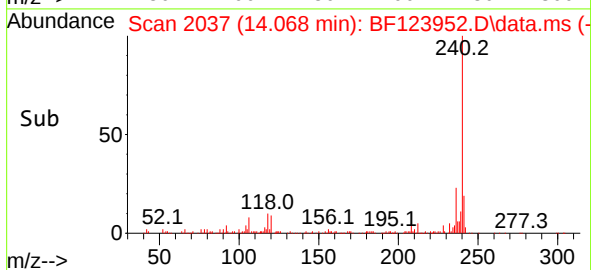
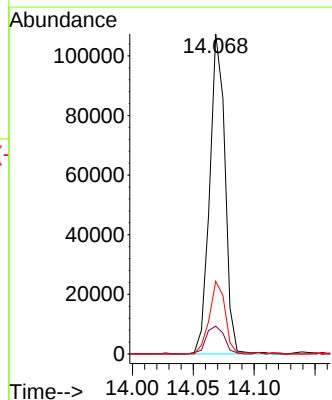
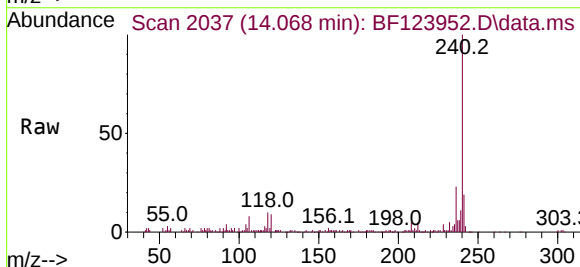
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

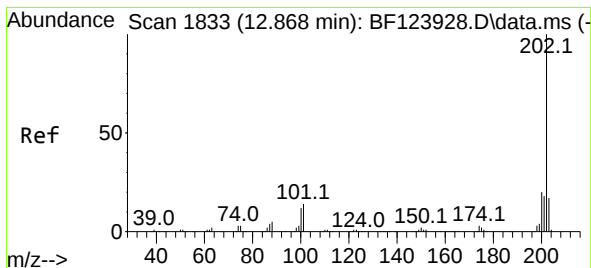
Tgt Ion:	202	Resp:	18280
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.9
203	20.6	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123952.D
Acq: 15 May 2021 18:55

Tgt Ion:	240	Resp:	94059
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.2	10.8
236	22.7	19.0	28.4





#78

Pyrene

Concen: 2.44 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF123952.D

Acq: 15 May 2021 18:55

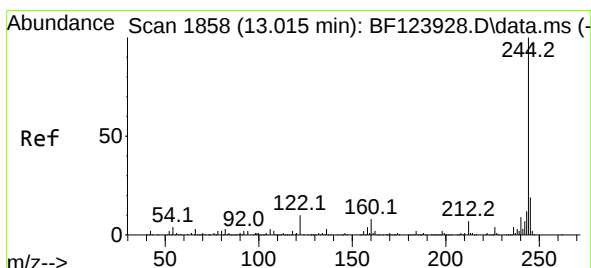
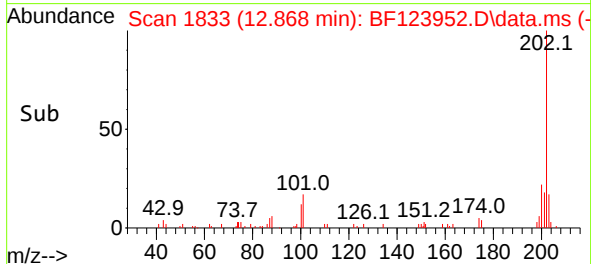
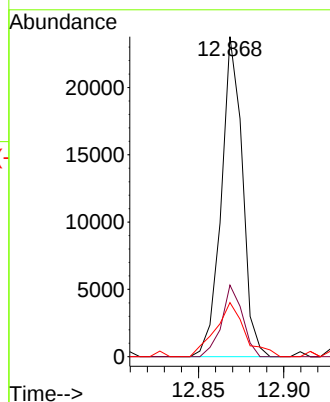
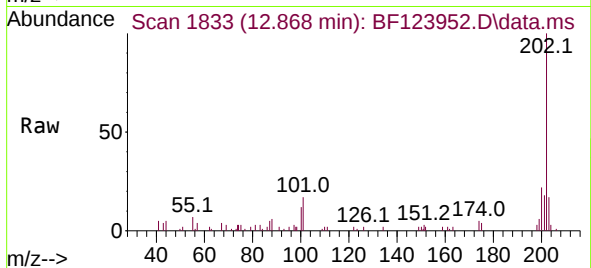
Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tgt Ion:	202	Resp:	20415
Ion Ratio	Lower	Upper	
202	100		
200	22.4	16.1	24.1
203	16.9	14.8	22.2



#79

Terphenyl-d14

Concen: 25.34 ng

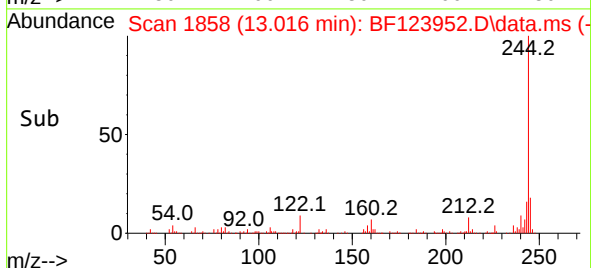
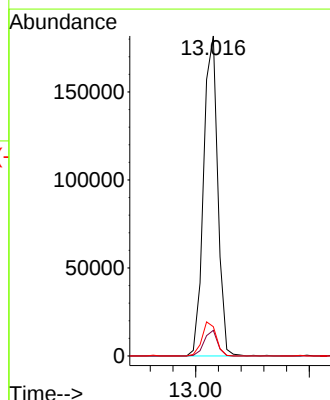
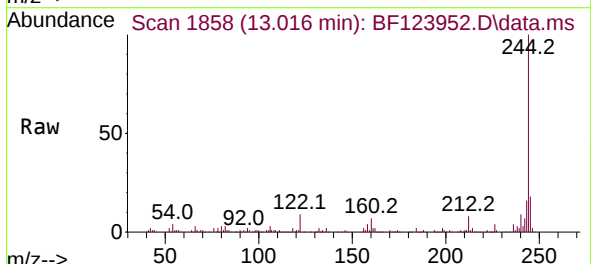
RT: 13.016 min Scan# 1858

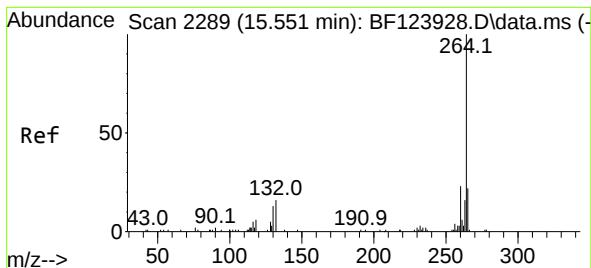
Delta R.T. 0.000 min

Lab File: BF123952.D

Acq: 15 May 2021 18:55

Tgt Ion:	244	Resp:	157381
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.7	8.5
122	9.2	9.7	14.5#

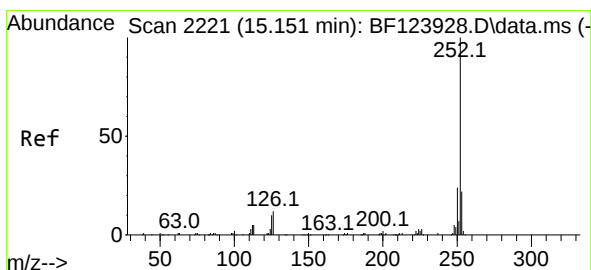
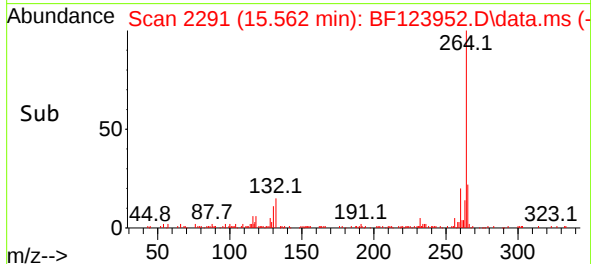
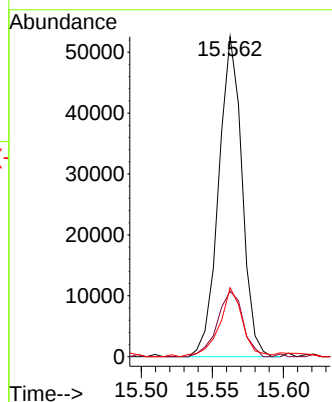
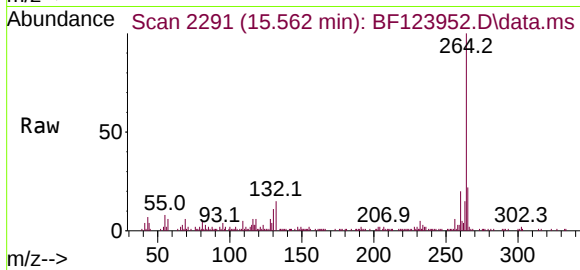




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123952.D
 Acq: 15 May 2021 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:264	Resp:	59975
Ion Ratio	Lower	Upper
264	100	
260	20.5	18.7 28.1
265	21.5	17.8 26.8



#89
 Benzo(k)fluoranthene
 Concen: 2.08 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. -0.029 min
 Lab File: BF123952.D
 Acq: 15 May 2021 18:55

Tgt Ion:252	Resp:	8799
Ion Ratio	Lower	Upper
252	100	
253	27.9	17.9 26.9#
125	21.7	7.0 10.6#

