

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123650.D
 Acq On : 20 Apr 2021 19:08
 Operator : JU/CG
 Sample : M2070-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-B

Quant Time: Apr 21 01:21:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

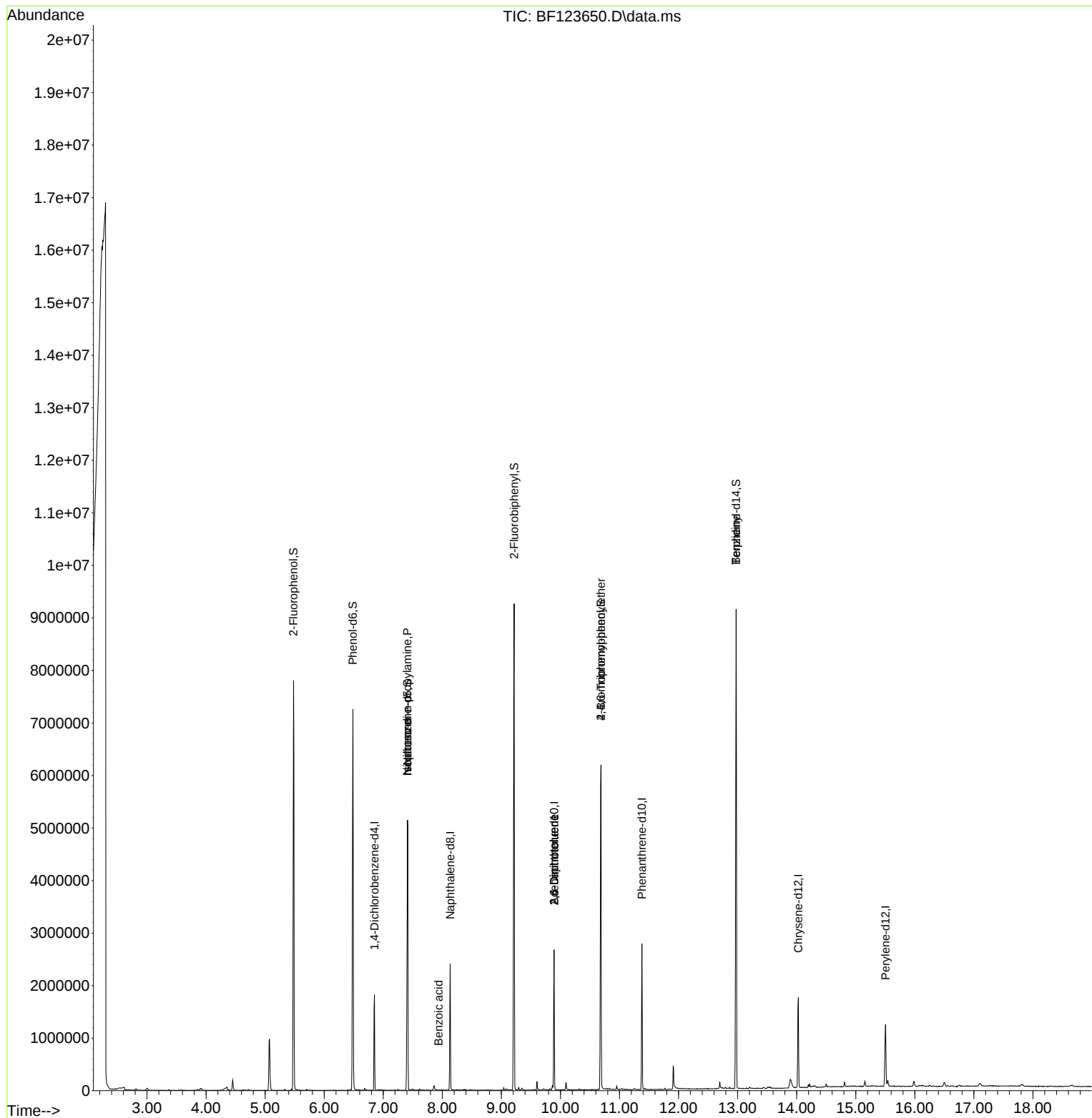
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	237476	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	904292	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	458479	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	879972	20.00	ng	0.00
76) Chrysene-d12	14.027	240	586151	20.00	ng	0.00
86) Perylene-d12	15.504	264	520685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1812886	123.38	ng	0.01
7) Phenol-d6	6.486	99	2176148	106.88	ng	0.00
23) Nitrobenzene-d5	7.410	82	1816491	92.35	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	763046	146.97	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2763220	89.84	ng	0.00
79) Terphenyl-d14	12.974	244	3018010	100.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	250520	18.57	ng	# 75
25) Isophorone	7.410	82	1814601	47.55	ng	# 69
32) Benzoic acid	7.939	122	130	4.56	ng	92
51) 2,6-Dinitrotoluene	9.892	165	58713	8.44	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	58713	6.32	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	43696	4.75	ng	# 1
77) Benzidine	12.974	184	42725	2.68	ng	96
89) Benzo(k)fluoranthene	15.092	252	682	Below Cal		# 19
92) Benzo(g,h,i)perylene	17.427	276	323	Below Cal		# 56

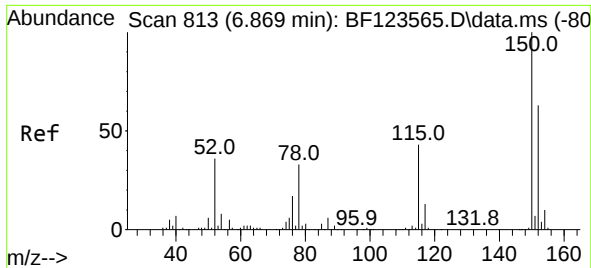
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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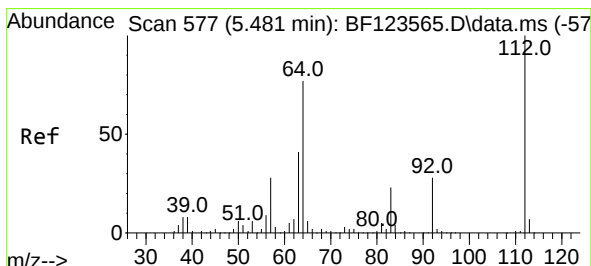
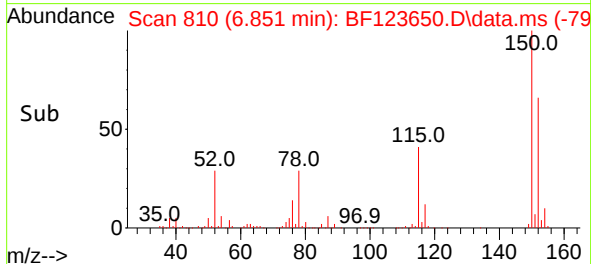
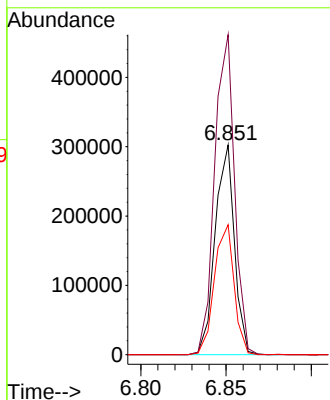
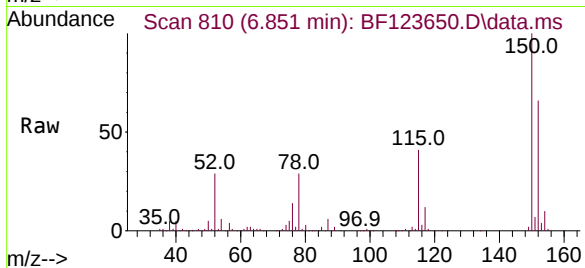




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

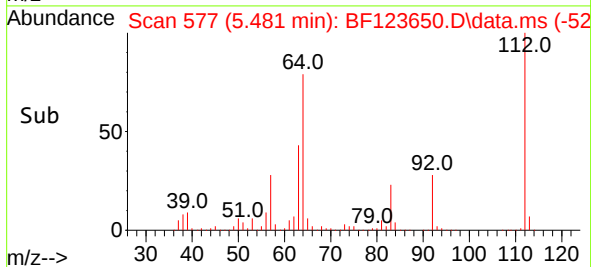
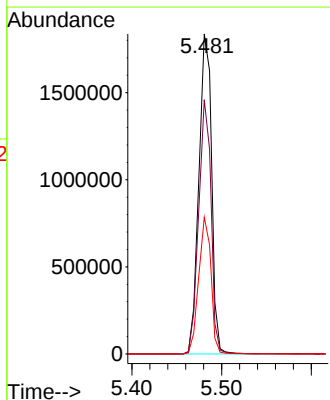
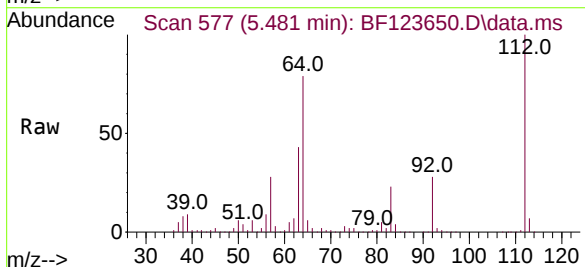
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-B

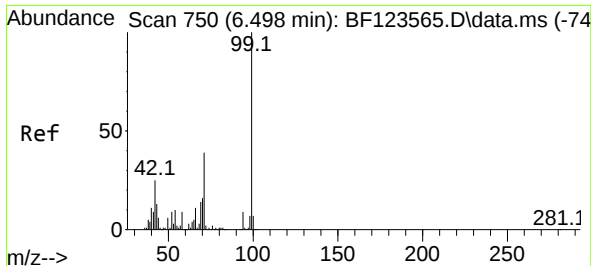
Tgt Ion:152 Resp: 237476
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 62.0 54.3 81.5



#5
2-Fluorophenol
Concen: 123.38 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion:112 Resp: 1812886
Ion Ratio Lower Upper
112 100
64 79.5 61.4 92.0
63 42.7 33.0 49.4

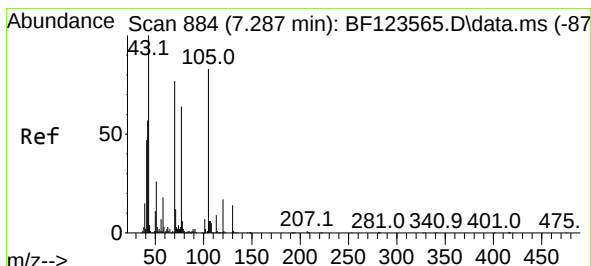
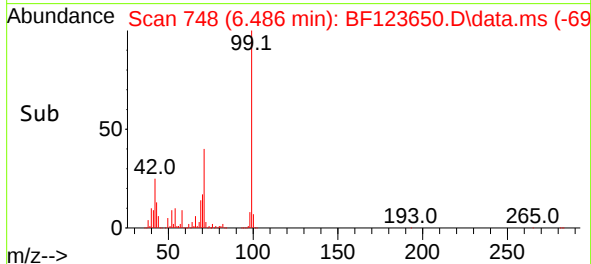
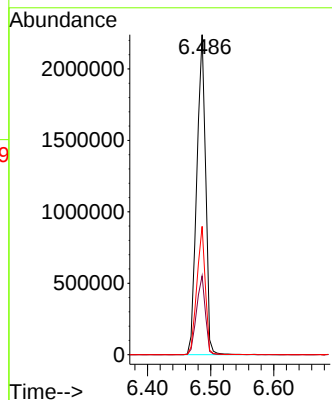
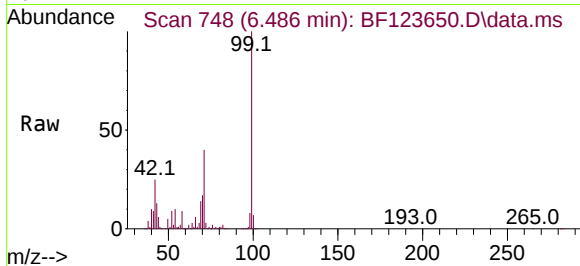




#7
Phenol-d6
Concen: 106.88 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

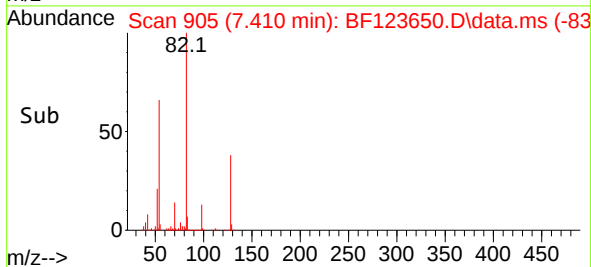
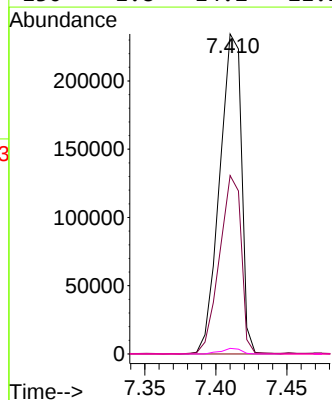
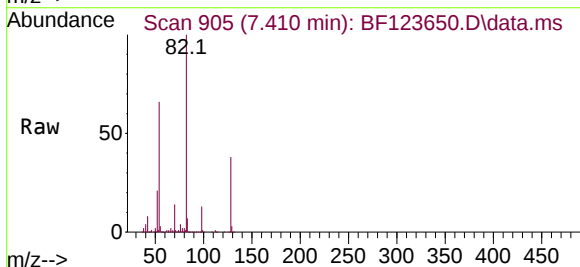
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-B

Tgt Ion: 99 Resp: 2176148
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 40.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.57 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion: 70 Resp: 250520
Ion Ratio Lower Upper
70 100
42 55.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



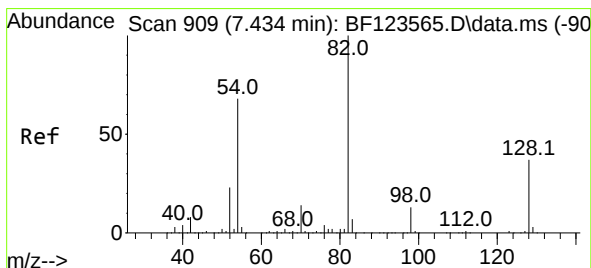
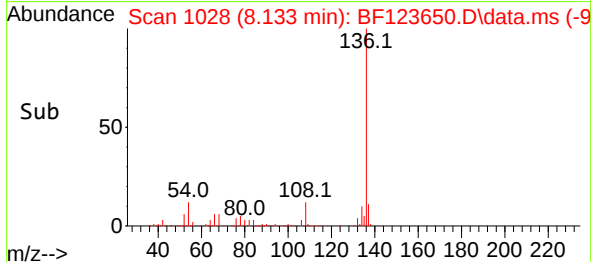
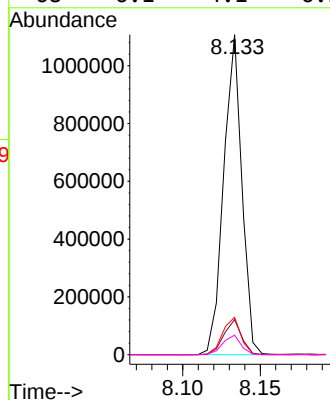
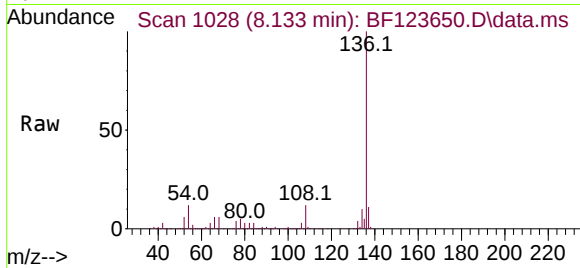


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-B

Tgt Ion:136 Resp: 904292

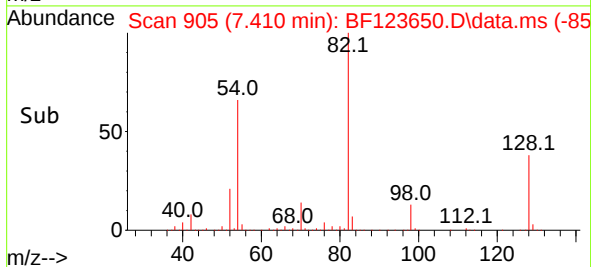
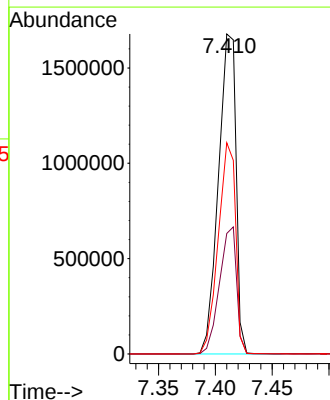
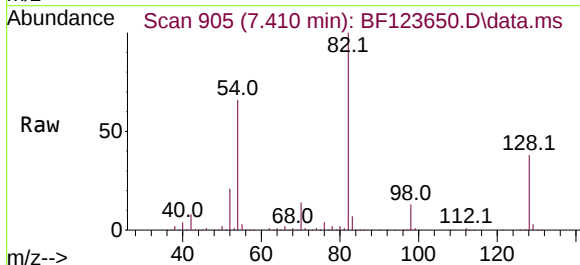
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.7	9.8	14.6
68	6.1	4.1	6.1

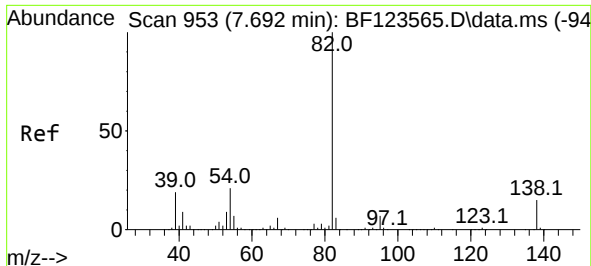


#23
Nitrobenzene-d5
Concen: 92.35 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion: 82 Resp: 1816491

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	66.0	54.1	81.1

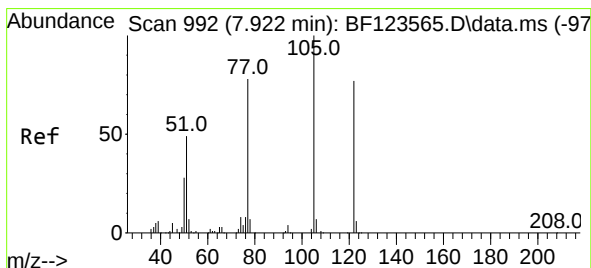
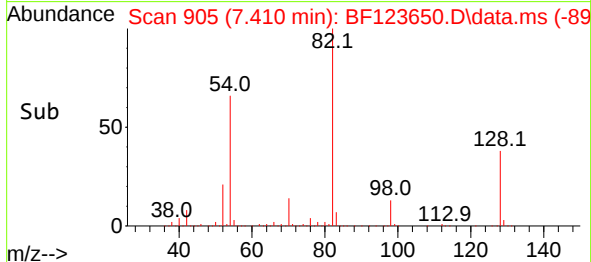
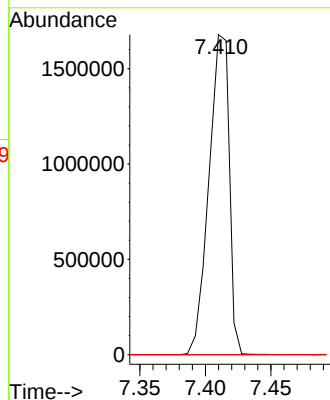
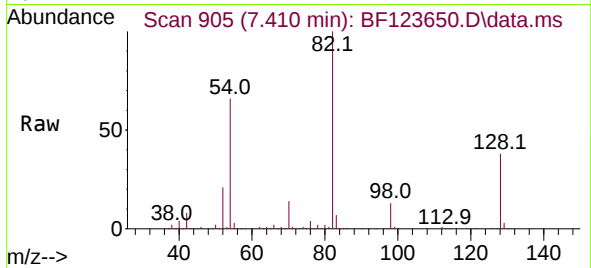




#25
Isophorone
Concen: 47.55 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

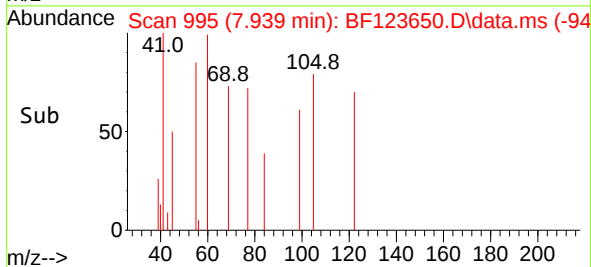
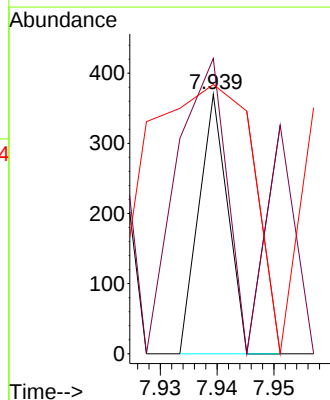
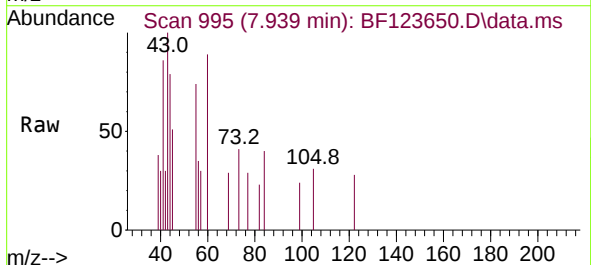
Instrument :
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ClientSampleId :
JGD-3150-D3550-B

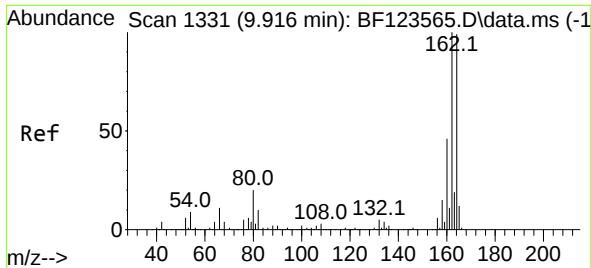
Tgt Ion: 82 Resp: 1814601
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.023 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion: 122 Resp: 130
Ion Ratio Lower Upper
122 100
105 113.8 107.8 147.8
77 103.8 81.6 121.6

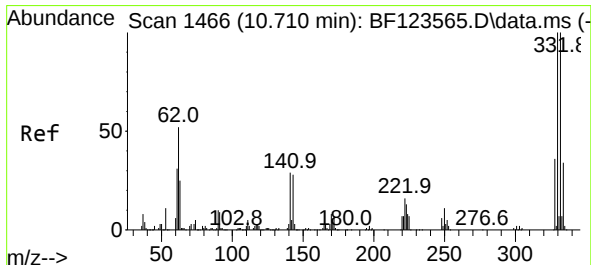
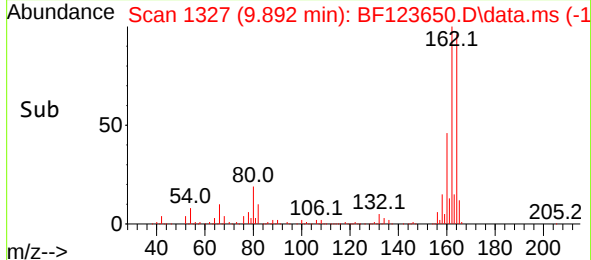
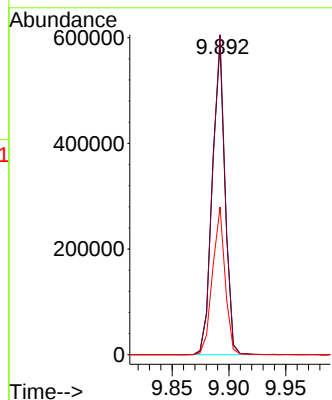
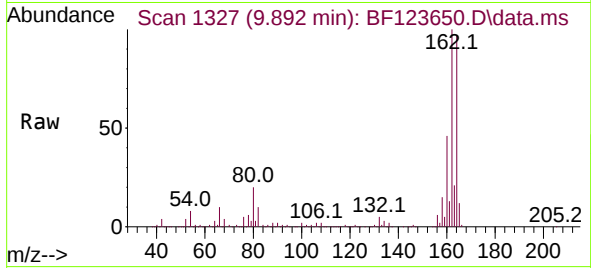




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

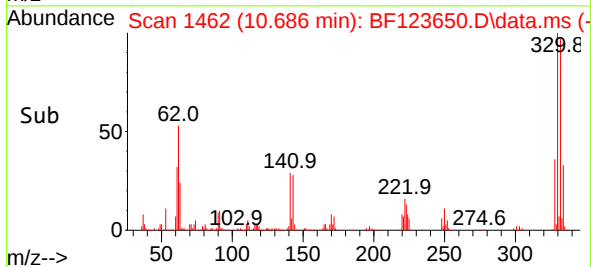
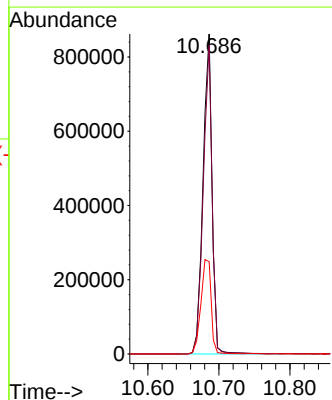
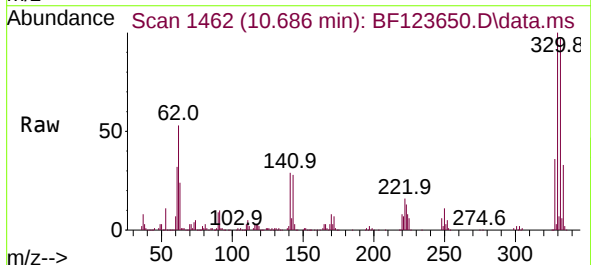
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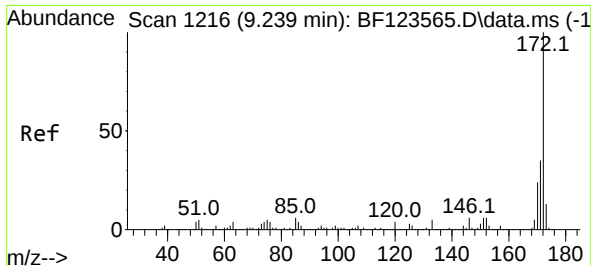
Tgt Ion:164 Resp: 458479
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 47.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 146.97 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion:330 Resp: 763046
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 33.5 27.9 41.9

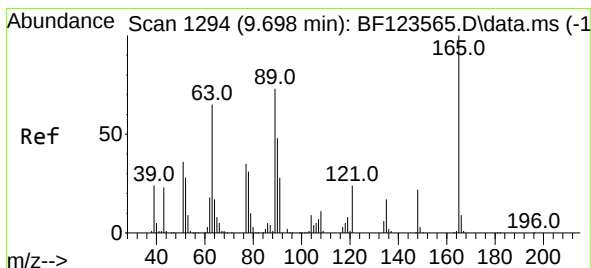
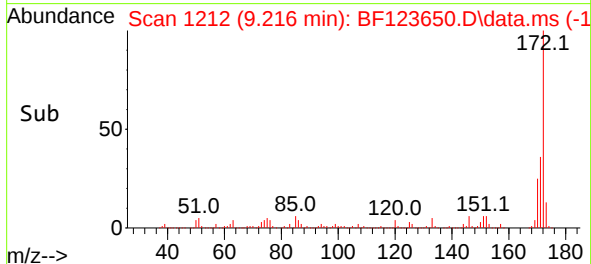
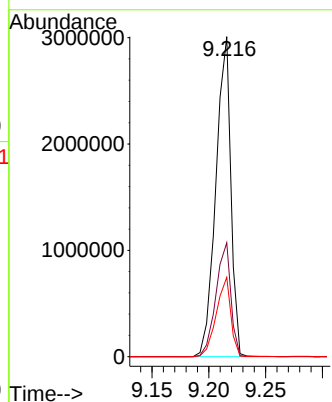
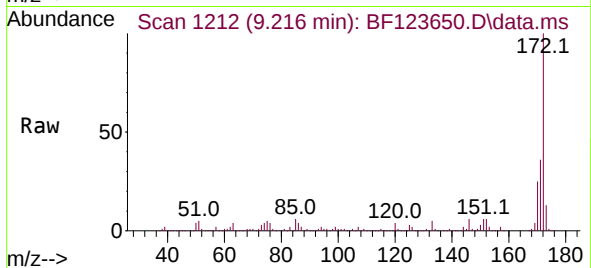




#45
2-Fluorobiphenyl
Concen: 89.84 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

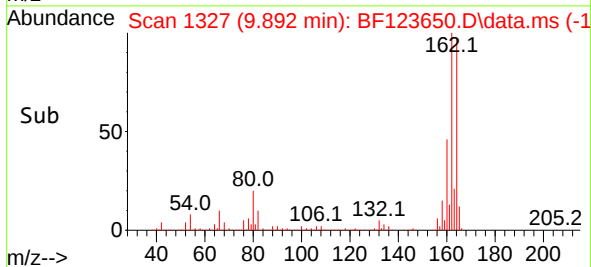
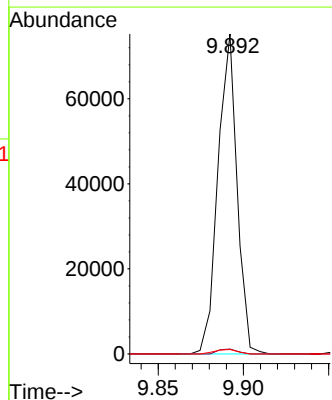
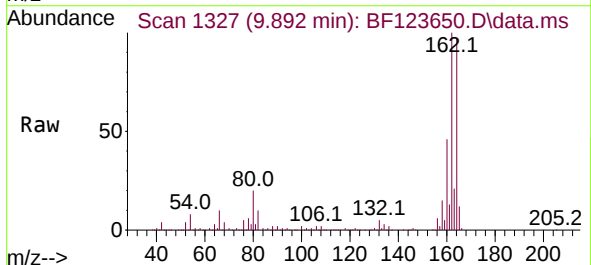
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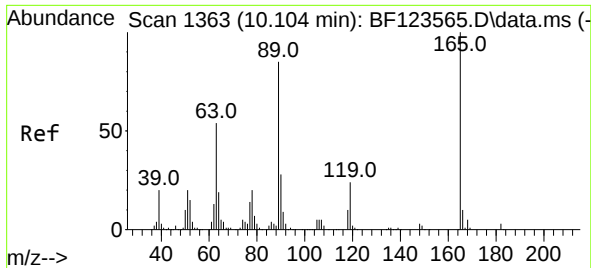
Tgt Ion:172 Resp: 2763220
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

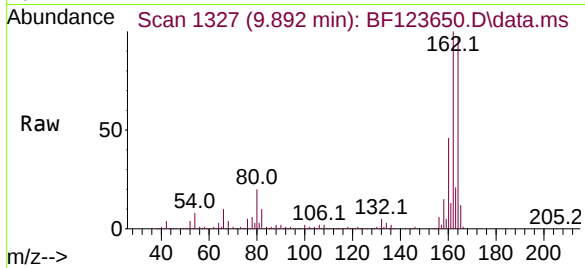
Tgt Ion:165 Resp: 58713
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.4 58.8 88.2#



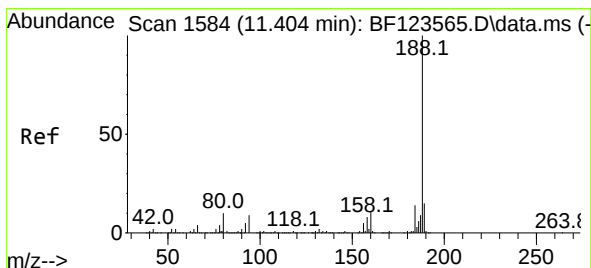
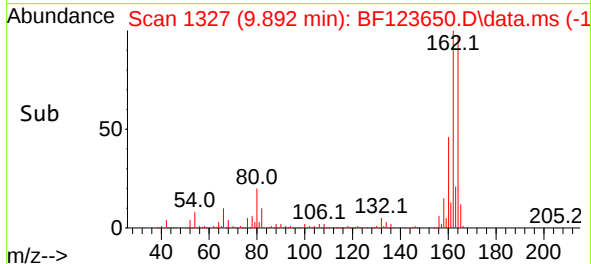
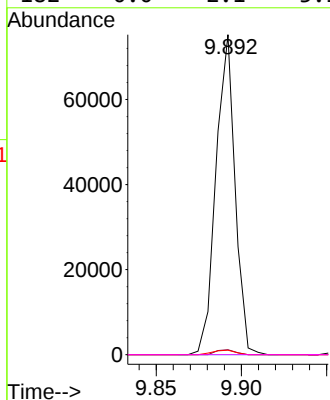


#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-B

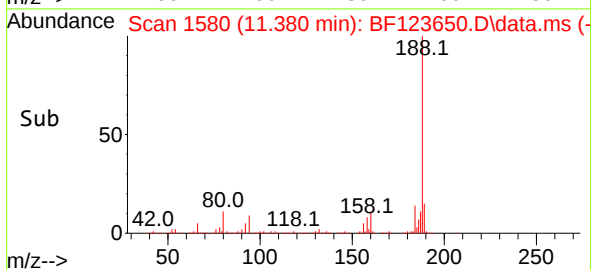
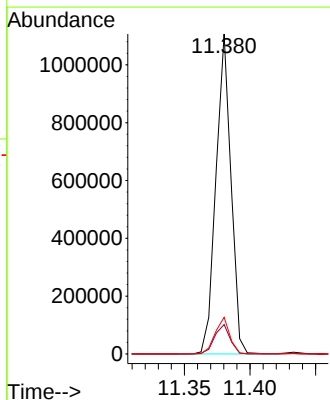
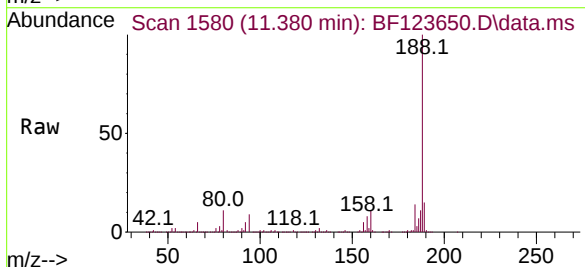


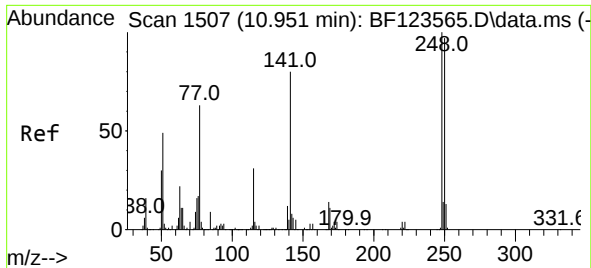
Tgt Ion:165 Resp: 58713
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion:188 Resp: 879972
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 11.4 8.2 12.2

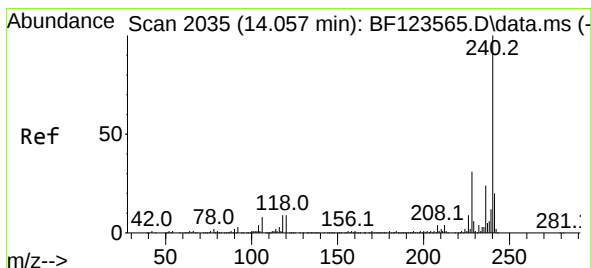
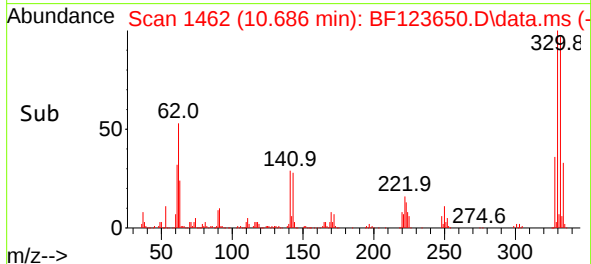
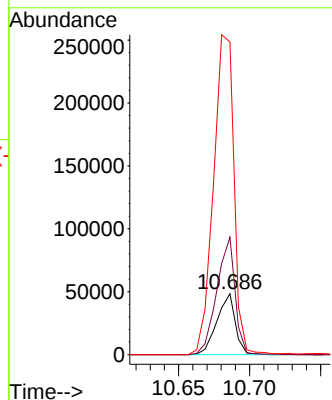
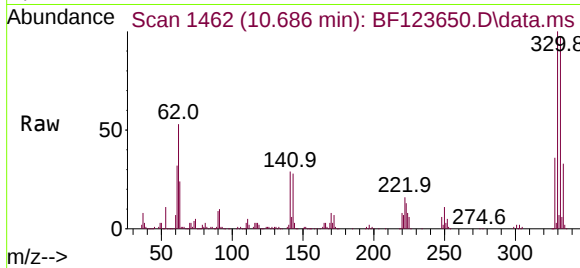




#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

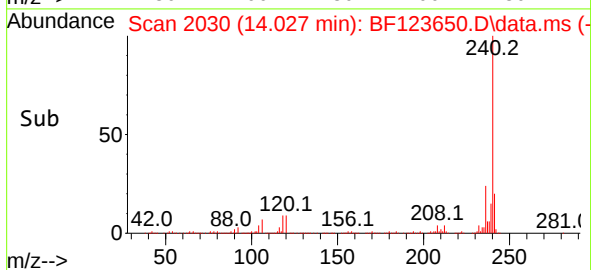
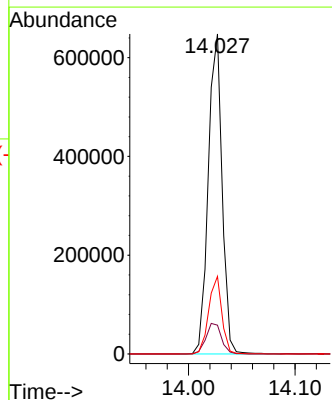
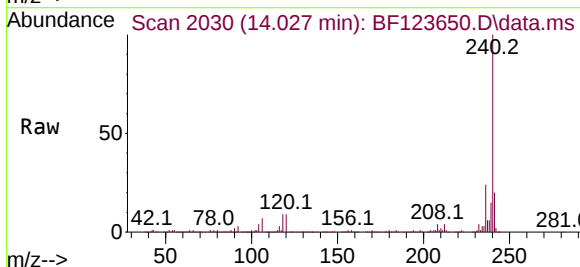
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-B

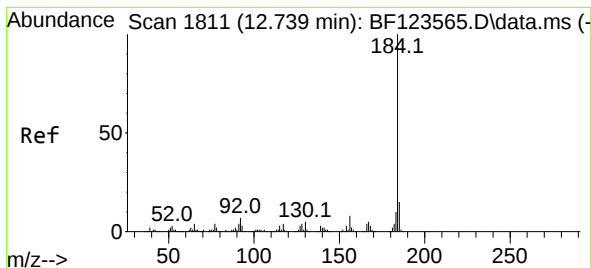
Tgt Ion:248 Resp: 43696
Ion Ratio Lower Upper
248 100
250 192.4 77.4 116.2#
141 512.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123650.D
Acq: 20 Apr 2021 19:08

Tgt Ion:240 Resp: 586151
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 24.2 19.0 28.4





#77

Benzidine

Concen: 2.68 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF123650.D

Acq: 20 Apr 2021 19:08

Tgt Ion:184 Resp: 42725

Ion Ratio Lower Upper

184 100

185 17.9 12.1 18.1

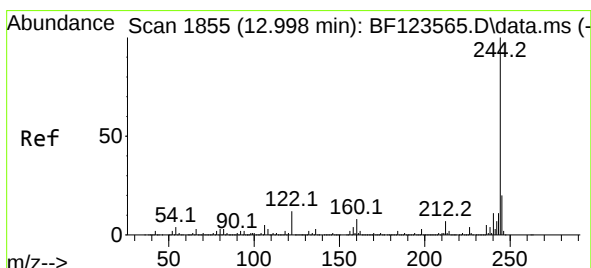
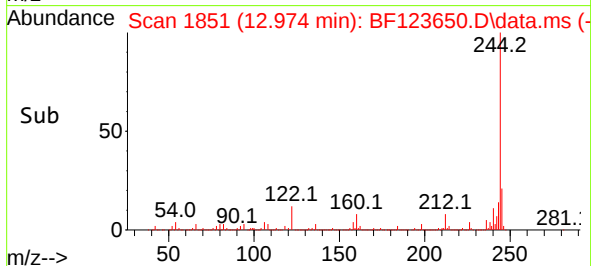
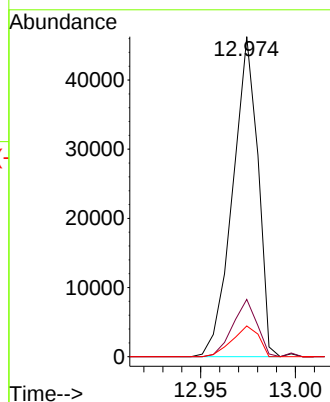
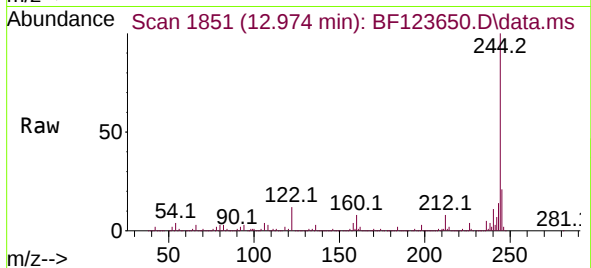
183 9.6 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

JGD-3150-D3550-B



#79

Terphenyl-d14

Concen: 100.07 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF123650.D

Acq: 20 Apr 2021 19:08

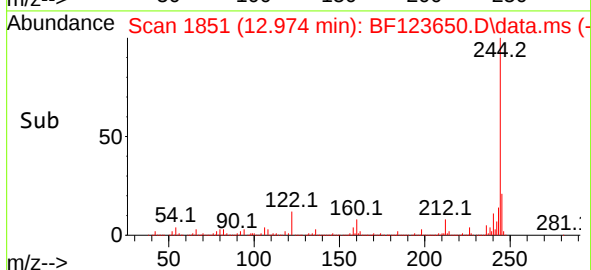
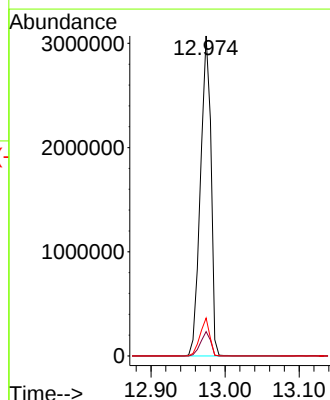
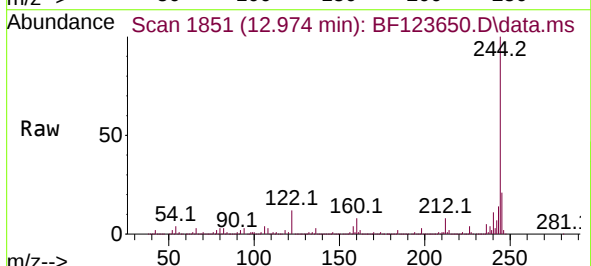
Tgt Ion:244 Resp: 3018010

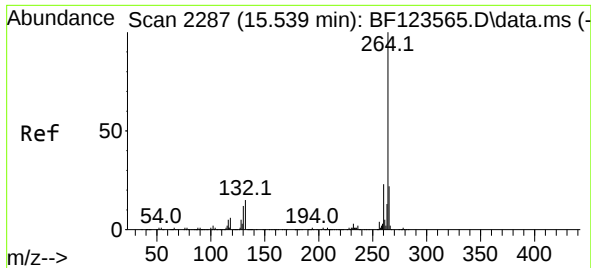
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 11.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF123650.D
 Acq: 20 Apr 2021 19:08

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-B

Tgt Ion:264	Resp:	520685
Ion Ratio	Lower	Upper
264	100	
260	23.2	18.7 28.1
265	19.7	17.8 26.8

