

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123715.D
 Acq On : 24 Apr 2021 14:10
 Operator : JU/CG
 Sample : M2125-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2021-WW-000-07

Quant Time: Apr 26 02:59:13 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 23 10:48:36 2021
 Response via : Initial Calibration

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

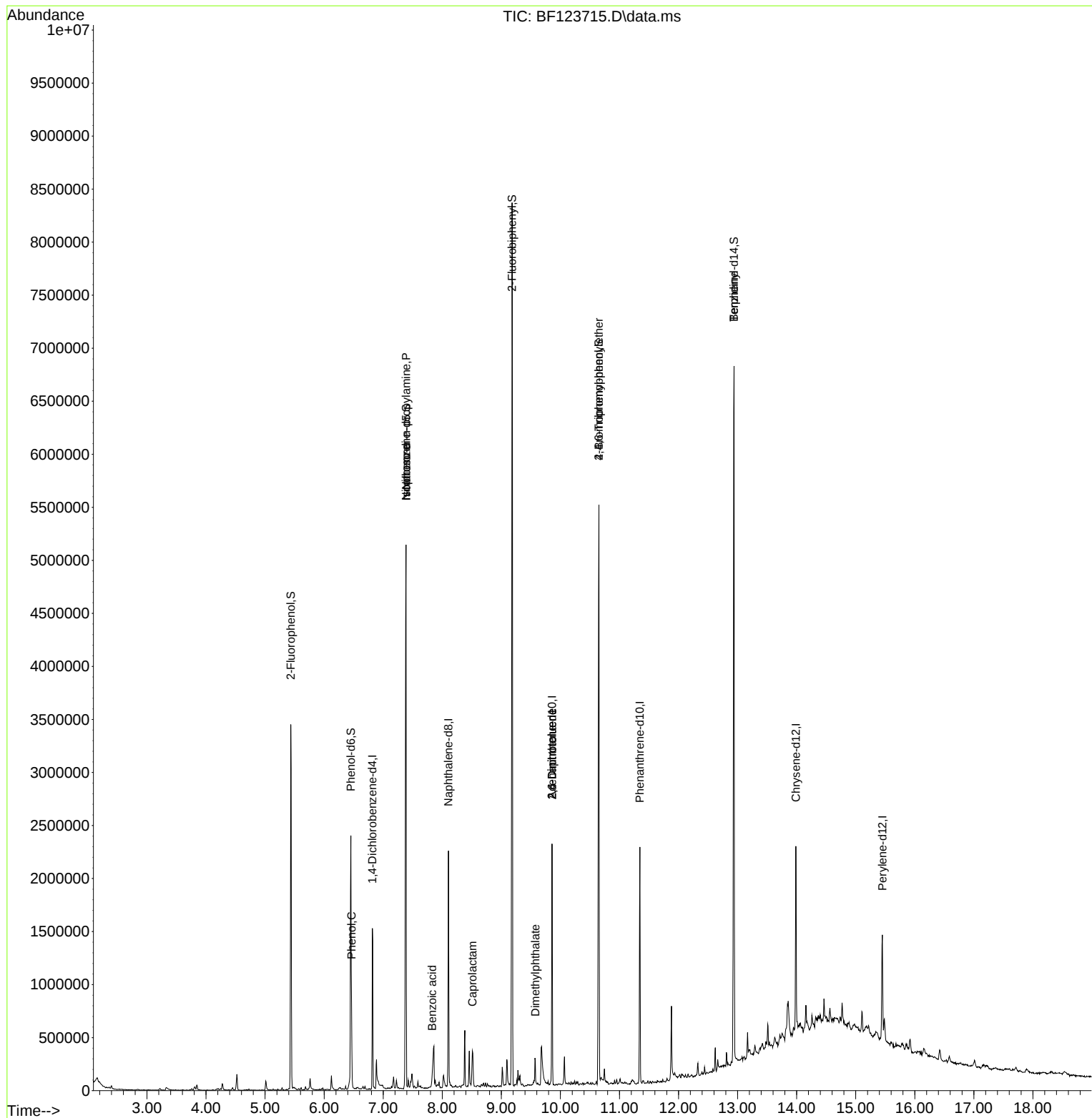
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	206331	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	775627	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	386322	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	740946	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	579505	20.00	ng	-0.04
86) Perylene-d12	15.451	264	453538	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	799888	62.66	ng	-0.02
7) Phenol-d6	6.451	99	618172	34.94	ng	-0.02
23) Nitrobenzene-d5	7.387	82	1626741	96.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	642108	146.78	ng	-0.02
45) 2-Fluorobiphenyl	9.181	172	2444154	94.31	ng	-0.02
79) Terphenyl-d14	12.939	244	2257251	75.70	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.463	94	170181	9.06	ng	94
19) n-Nitroso-di-n-propyla...	7.387	70	224236	19.14	ng	# 73
25) Isophorone	7.387	82	1623564	49.60	ng	# 69
32) Benzoic acid	7.828	122	18848	6.84	ng	# 80
35) Caprolactam	8.510	113	33435	8.78	ng	95
50) Dimethylphthalate	9.575	163	85657	3.21	ng	98
51) 2,6-Dinitrotoluene	9.857	165	49907	8.52	ng	# 13
57) 2,4-Dinitrotoluene	9.857	165	49907	6.38	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	34398	4.44	ng	# 1
77) Benzidine	12.939	184	31894	2.02	ng	# 96
89) Benzo(k)fluoranthene	15.039	252	1099	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.333	276	1519	Below Cal		# 75

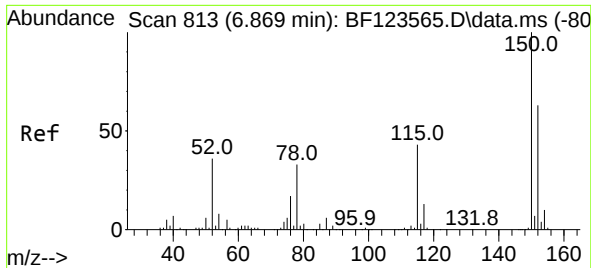
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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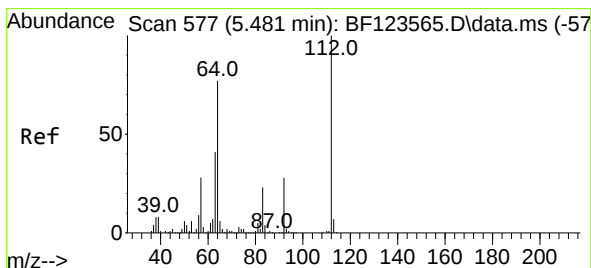
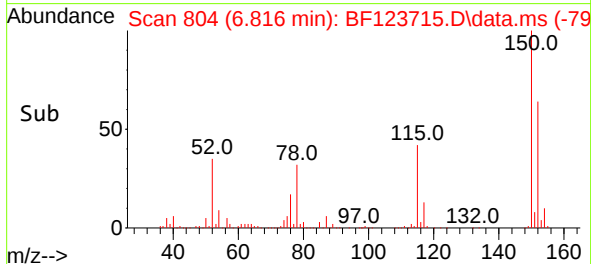
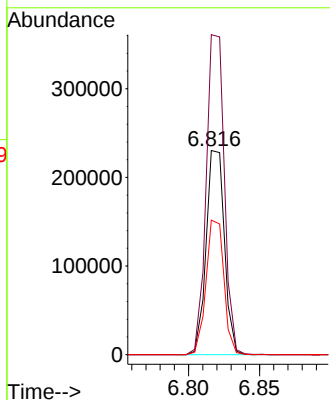
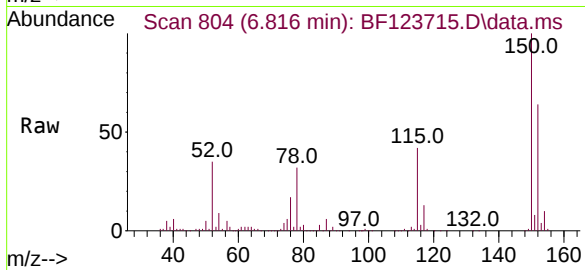




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

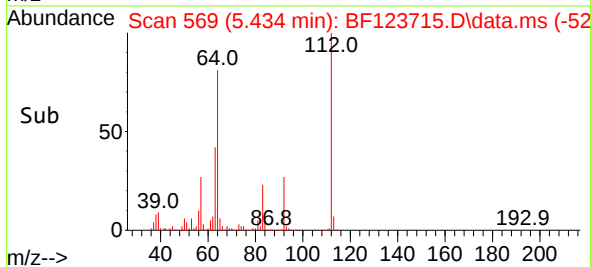
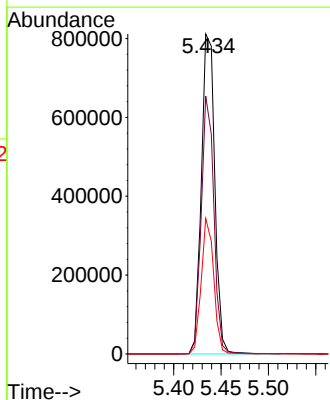
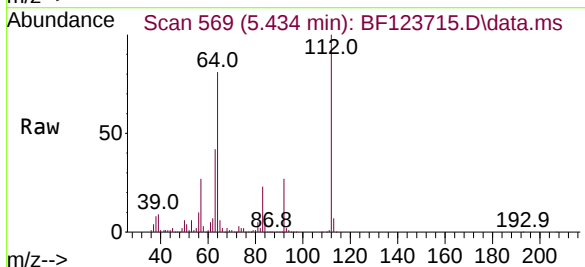
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BNA_F
ClientSampleId :
PB-2021-WW-000-07

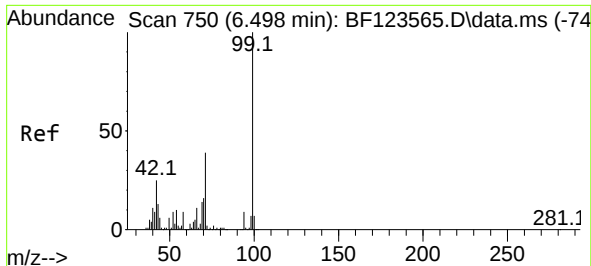
Tgt Ion:152 Resp: 206331
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 65.9 54.3 81.5



#5
2-Fluorophenol
Concen: 62.66 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:112 Resp: 799888
Ion Ratio Lower Upper
112 100
64 80.6 61.4 92.0
63 42.4 33.0 49.4

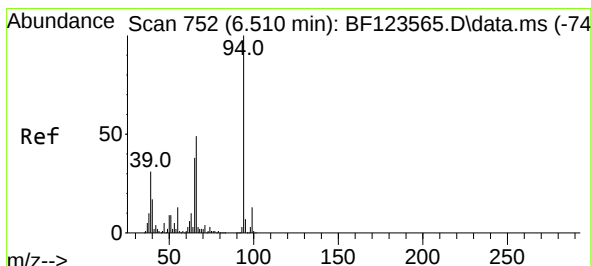
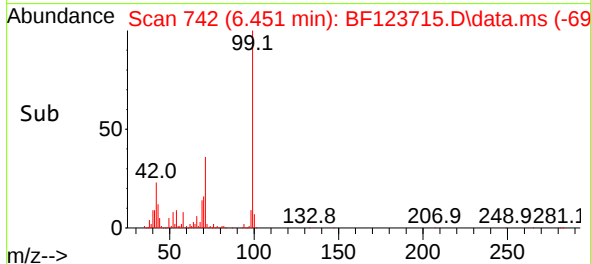
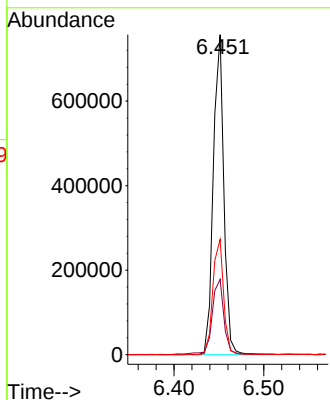
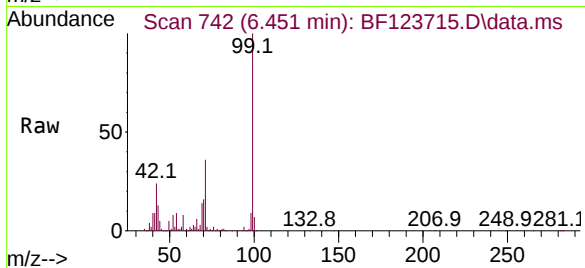




#7
Phenol-d6
Concen: 34.94 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

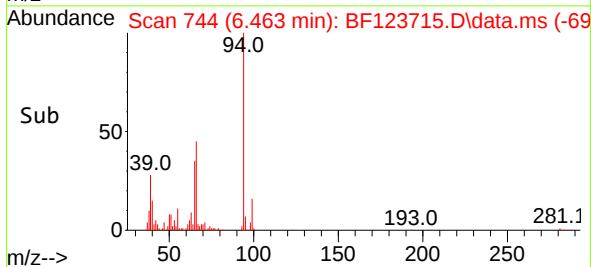
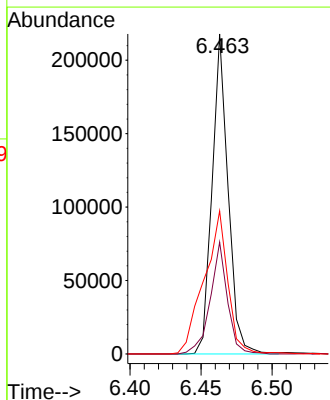
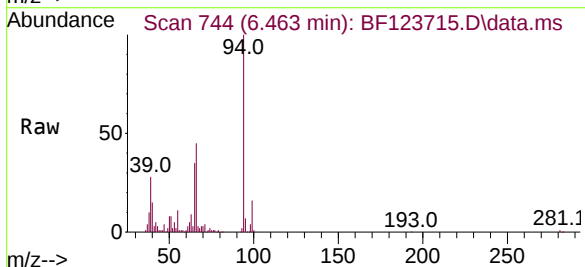
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-07

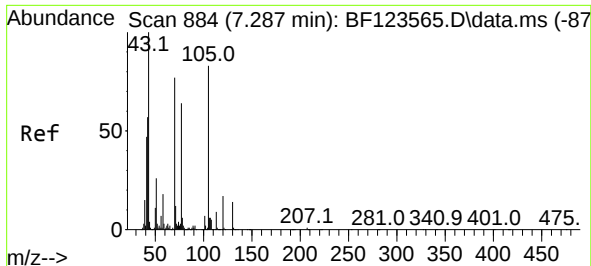
Tgt Ion: 99 Resp: 618172
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.8
71 36.0 31.1 46.7



#10
Phenol
Concen: 9.06 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.029 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

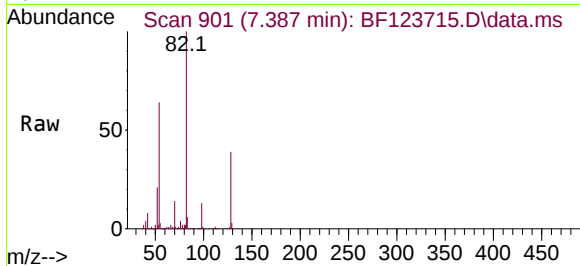
Tgt Ion: 94 Resp: 170181
Ion Ratio Lower Upper
94 100
65 34.9 18.1 58.1
66 44.7 29.0 69.0



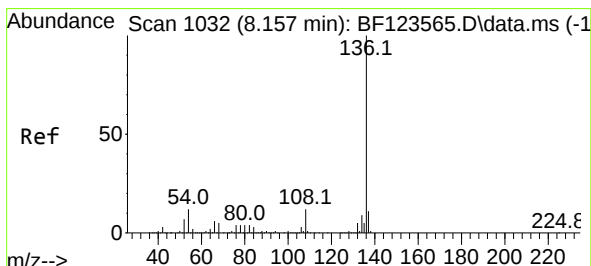
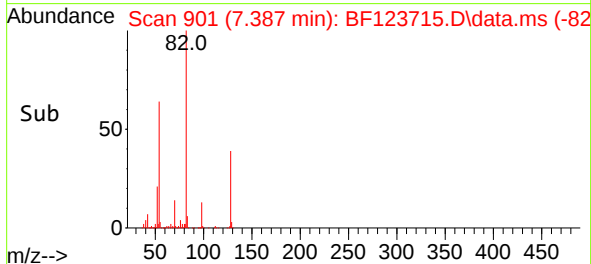
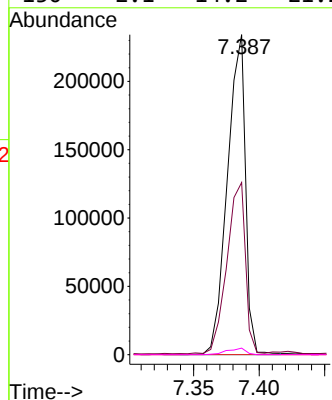


#19
n-Nitroso-di-n-propylamine
Concen: 19.14 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.130 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-07

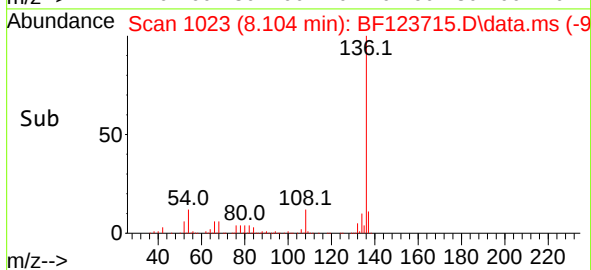
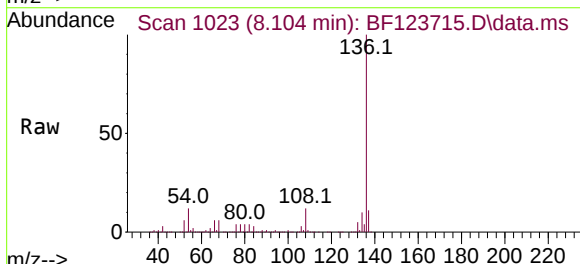
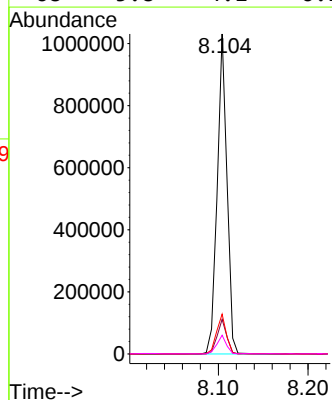


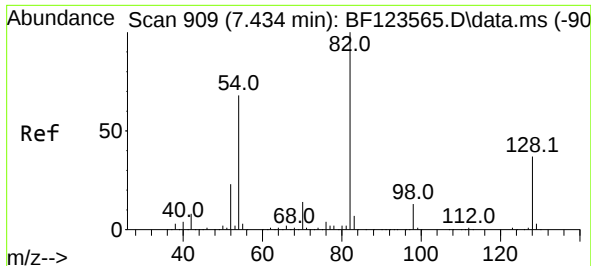
Tgt Ion: 70 Resp: 224236
Ion Ratio Lower Upper
70 100
42 53.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion: 136 Resp: 775627
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.5 9.8 14.6
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.42 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.018 min

Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

Tgt Ion: 82 Resp: 1626741

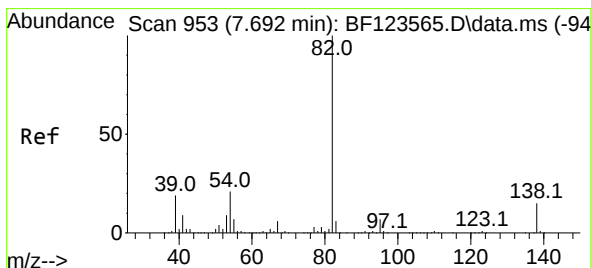
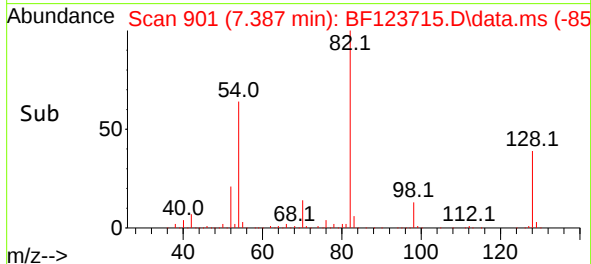
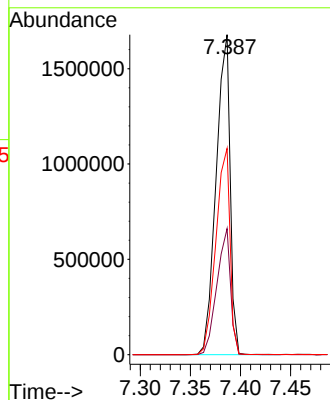
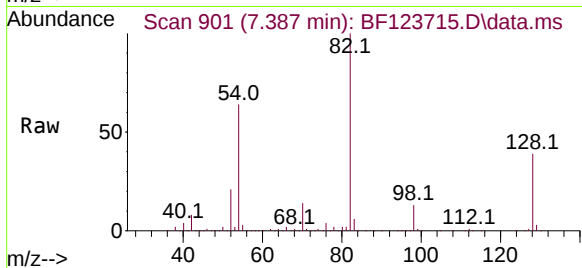
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.4	44.2
54	64.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

PB-2021-WW-000-07



#25

Isophorone

Concen: 49.60 ng

RT: 7.387 min Scan# 901

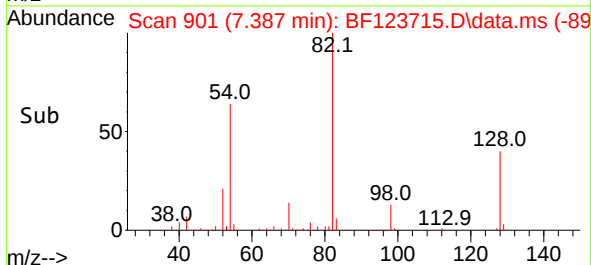
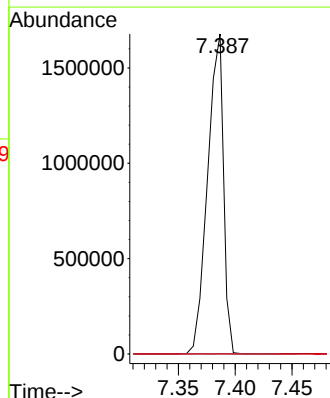
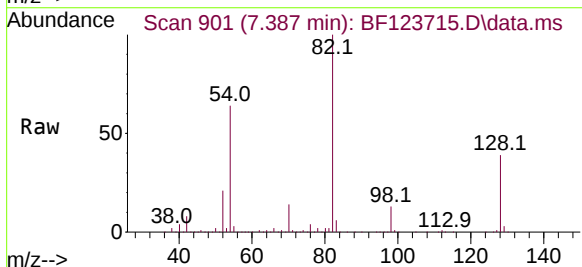
Delta R.T. -0.276 min

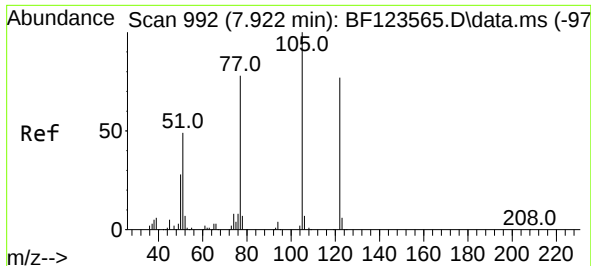
Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

Tgt Ion: 82 Resp: 1623564

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

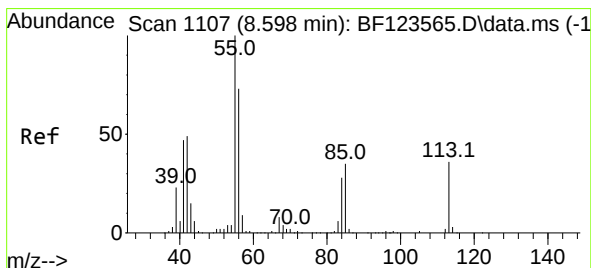
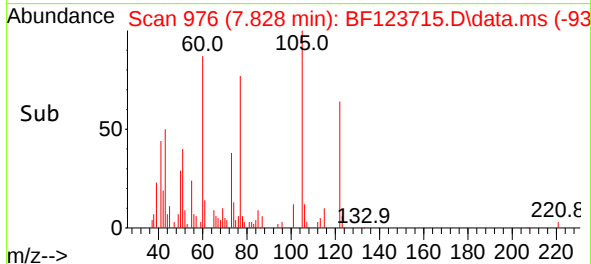
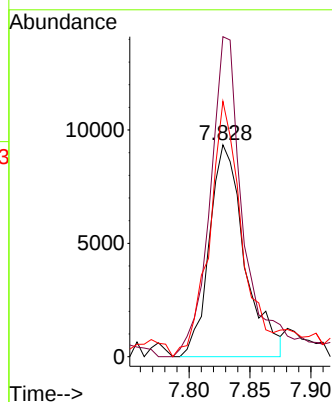
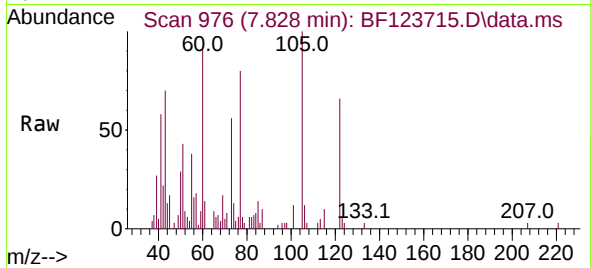




#32
Benzoic acid
Concen: 6.84 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.070 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

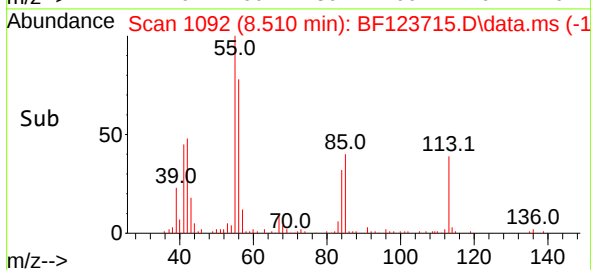
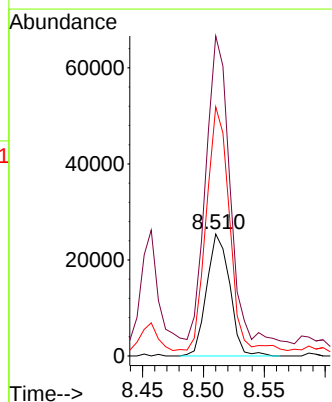
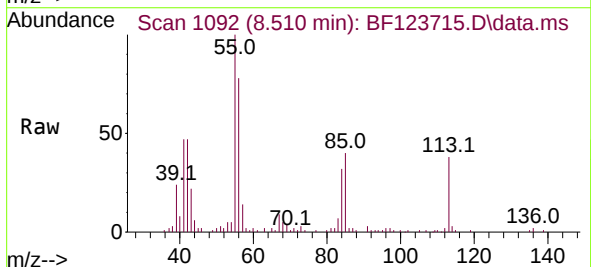
Instrument :
BNA_F
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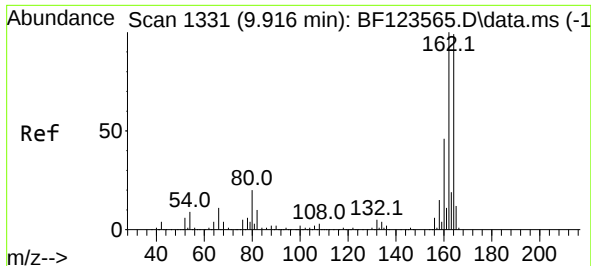
Tgt Ion:122 Resp: 18848
Ion Ratio Lower Upper
122 100
105 151.0 107.8 147.8#
77 120.5 81.6 121.6



#35
Caprolactam
Concen: 8.78 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.059 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:113 Resp: 33435
Ion Ratio Lower Upper
113 100
55 262.4 254.9 294.9
56 204.2 179.4 219.4

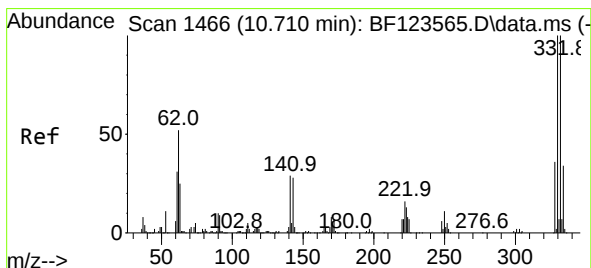
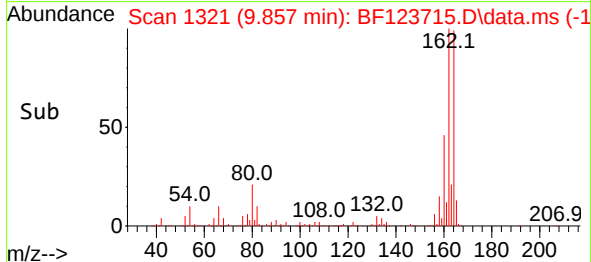
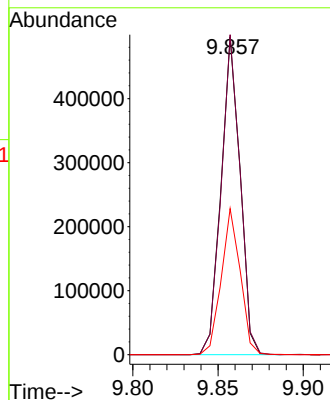
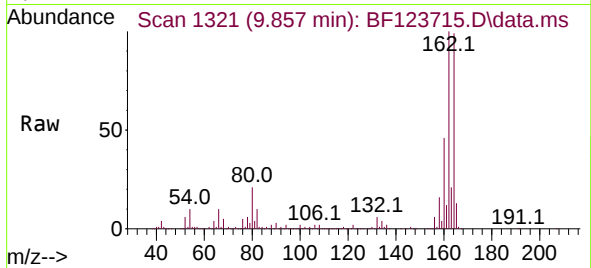




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

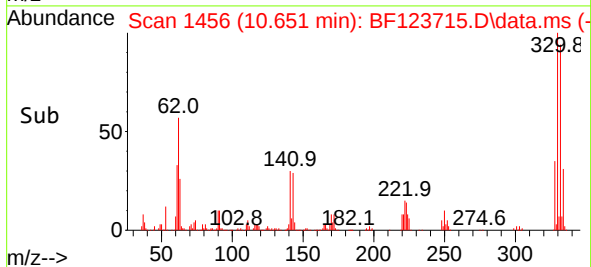
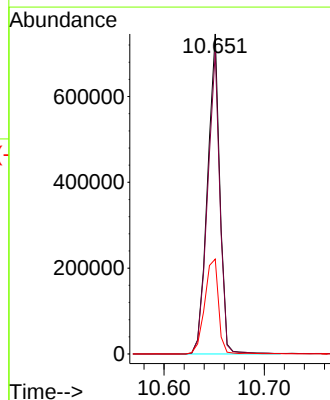
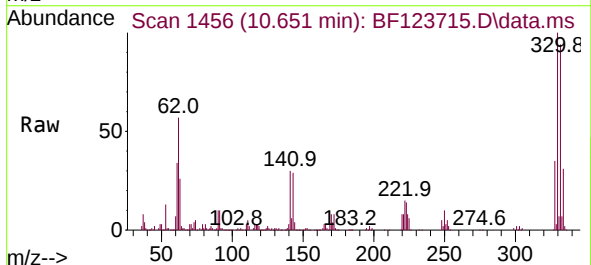
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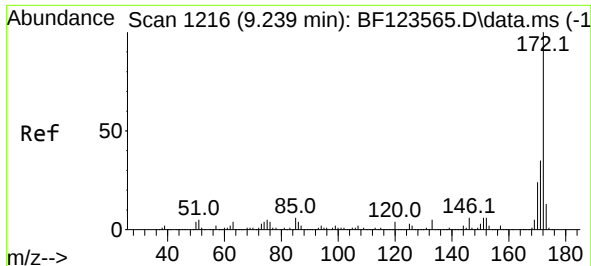
Tgt Ion:164 Resp: 386322
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 45.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 146.78 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:330 Resp: 642108
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 33.5 27.9 41.9

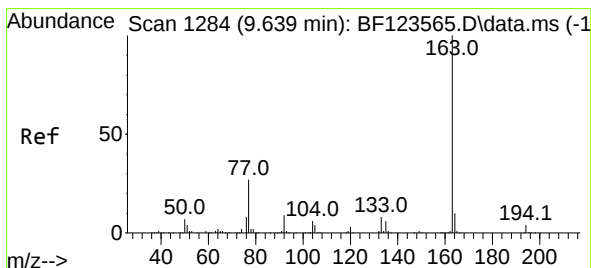
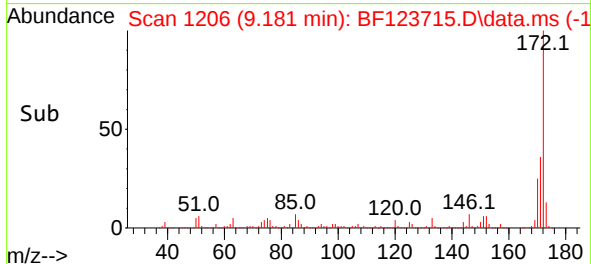
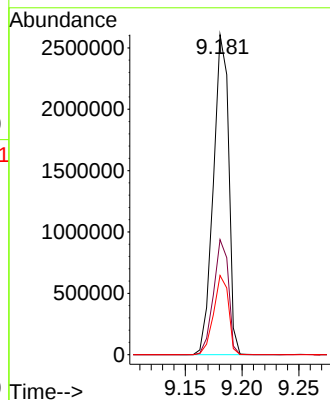
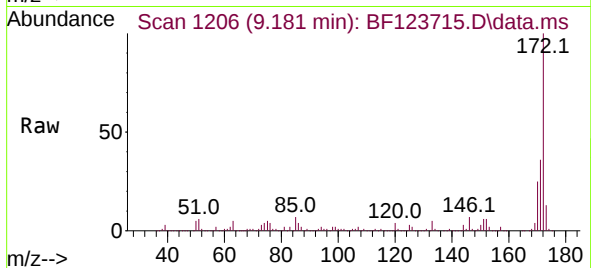




#45
2-Fluorobiphenyl
Concen: 94.31 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.023 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

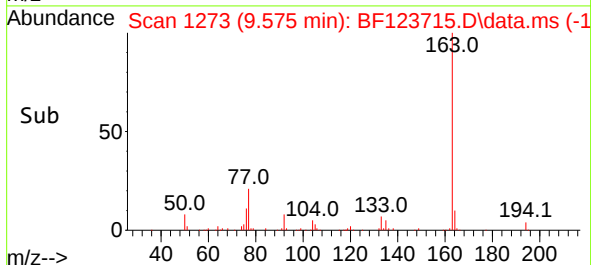
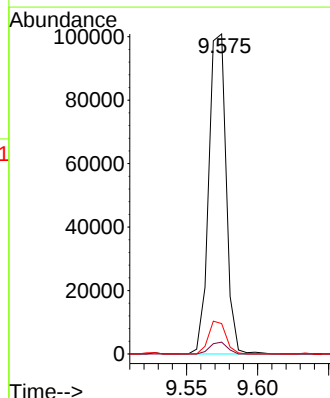
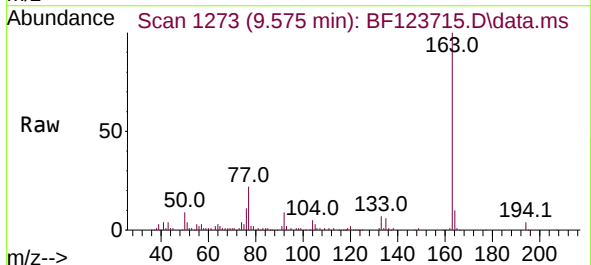
Instrument :
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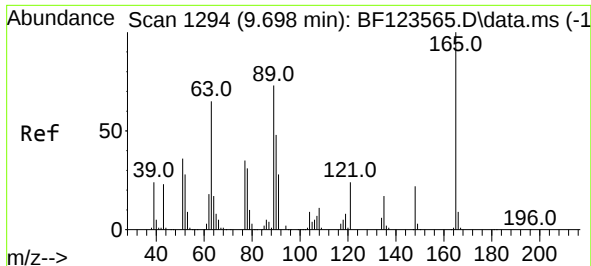
Tgt Ion:172 Resp: 2444154
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.8 19.2 28.8



#50
Dimethylphthalate
Concen: 3.21 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:163 Resp: 85657
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.5 8.2 12.2

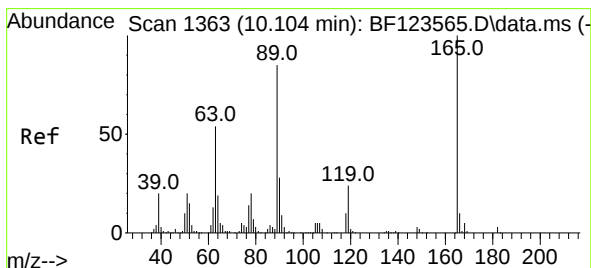
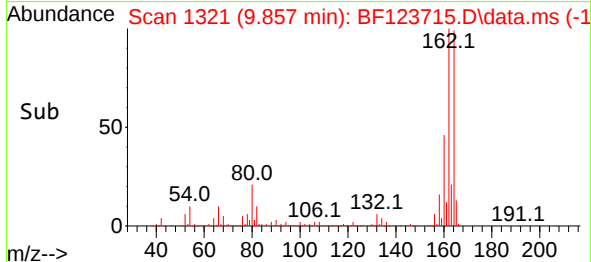
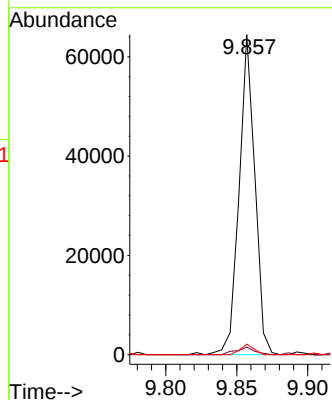
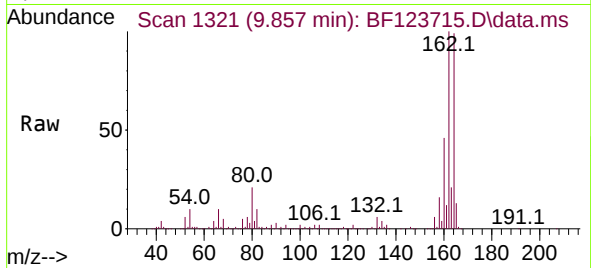




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

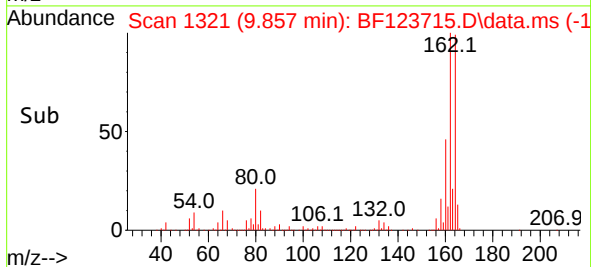
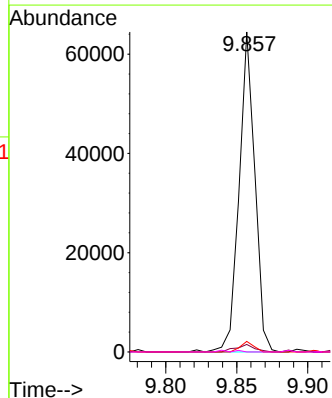
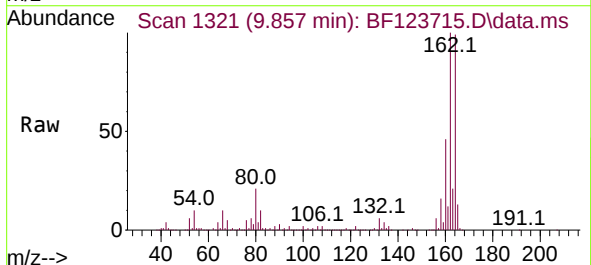
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-07

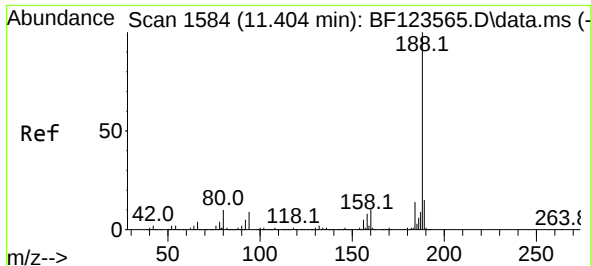
Tgt Ion:165 Resp: 49907
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 3.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.217 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:165 Resp: 49907
Ion Ratio Lower Upper
165 100
63 2.3 43.5 65.3#
89 3.3 67.7 101.5#
182 0.0 2.1 3.1#

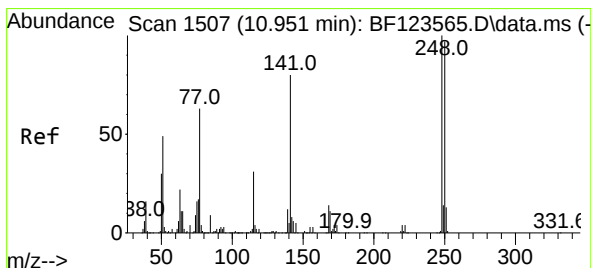
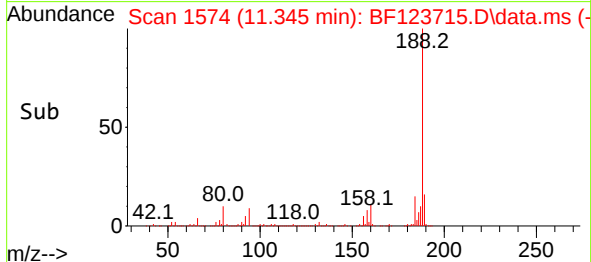
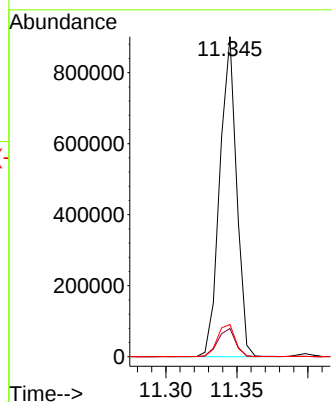
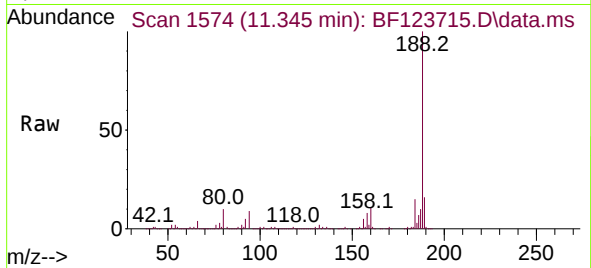




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

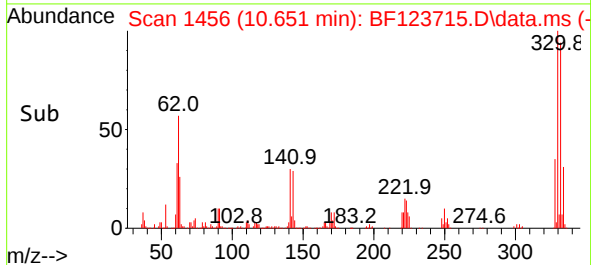
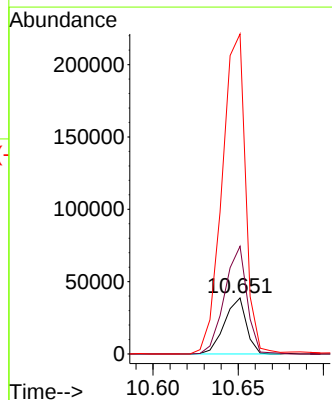
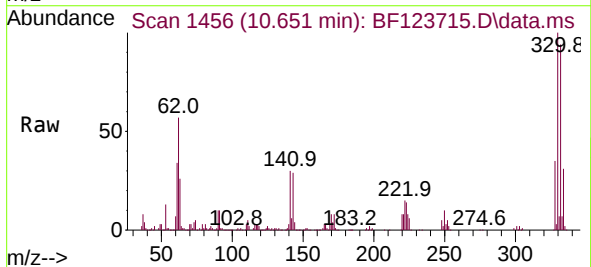
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-07

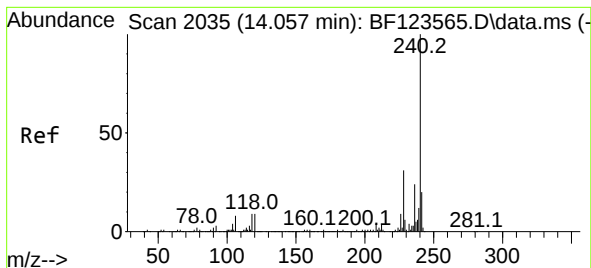
Tgt Ion:188	Resp:	740946
Ion Ratio	Lower	Upper
188	100	
94	8.8	6.9 10.3
80	10.0	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123715.D
Acq: 24 Apr 2021 14:10

Tgt Ion:248	Resp:	34398
Ion Ratio	Lower	Upper
248	100	
250	192.2	77.4 116.2#
141	571.5	63.7 95.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.035 min

Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

Tgt Ion:240 Resp: 579505

Ion Ratio Lower Upper

240 100

120 10.1 7.2 10.8

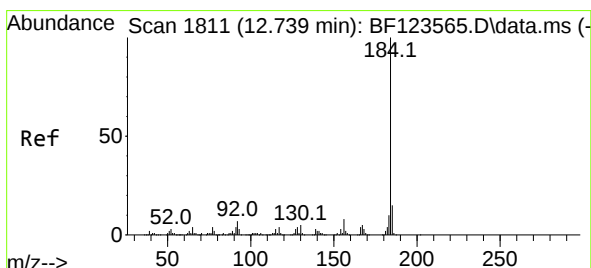
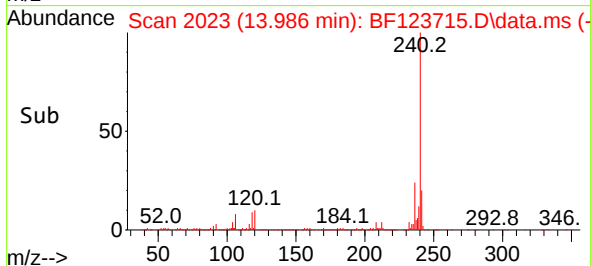
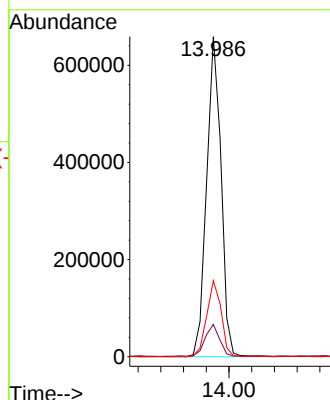
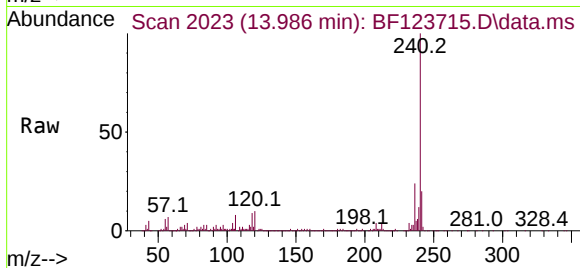
236 23.7 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

PB-2021-WW-000-07



#77

Benzidine

Concen: 2.02 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.230 min

Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

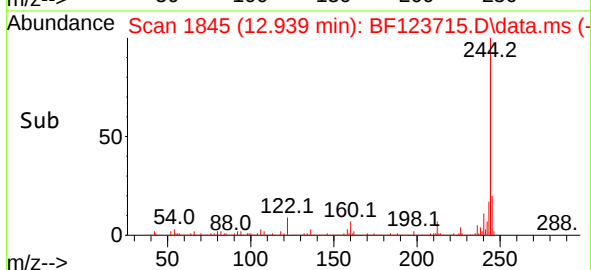
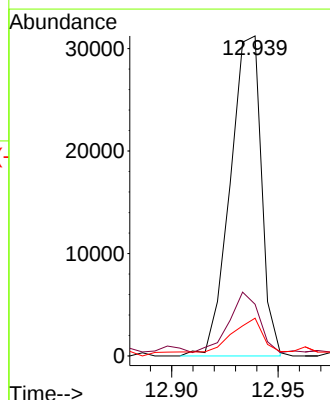
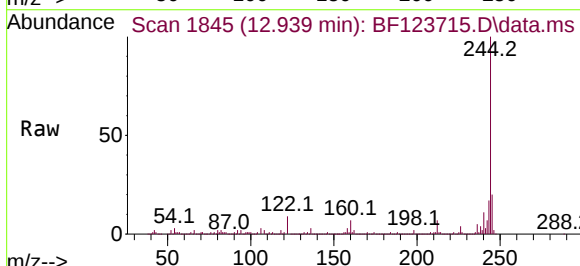
Tgt Ion:184 Resp: 31894

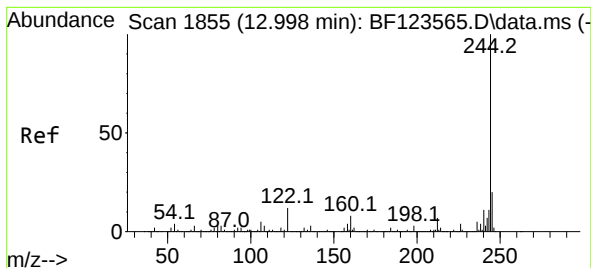
Ion Ratio Lower Upper

184 100

185 16.2 12.1 18.1

183 11.8 7.8 11.8#





#79

Terphenyl-d14

Concen: 75.70 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.023 min

Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

Tgt Ion:244 Resp: 2257251

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

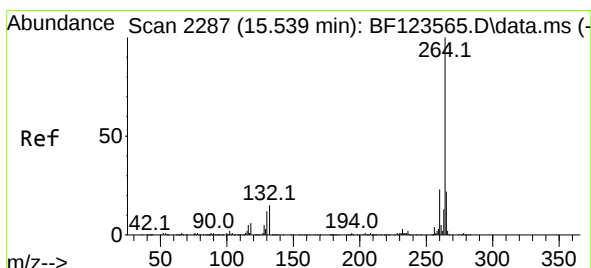
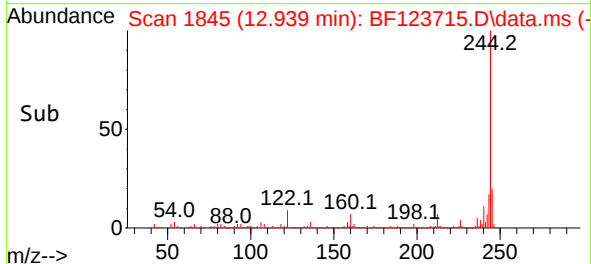
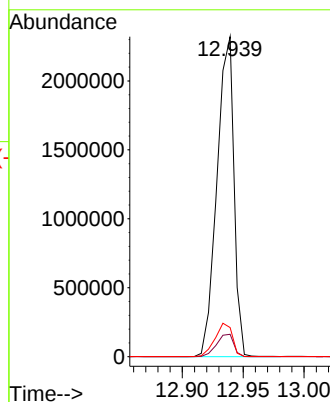
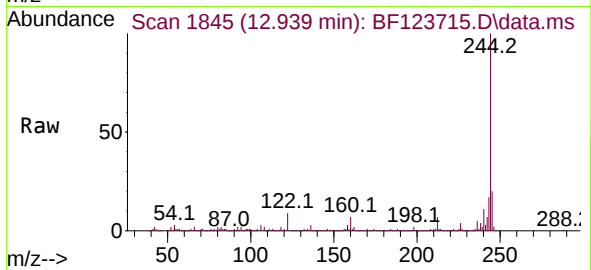
122 9.1 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

PB-2021-WW-000-07



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.041 min

Lab File: BF123715.D

Acq: 24 Apr 2021 14:10

Tgt Ion:264 Resp: 453538

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 20.2 17.8 26.8

