

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123689.D
 Acq On : 22 Apr 2021 13:24
 Operator : JU/CG
 Sample : M2045-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124-GW-2DL

Quant Time: Apr 22 14:09:11 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)

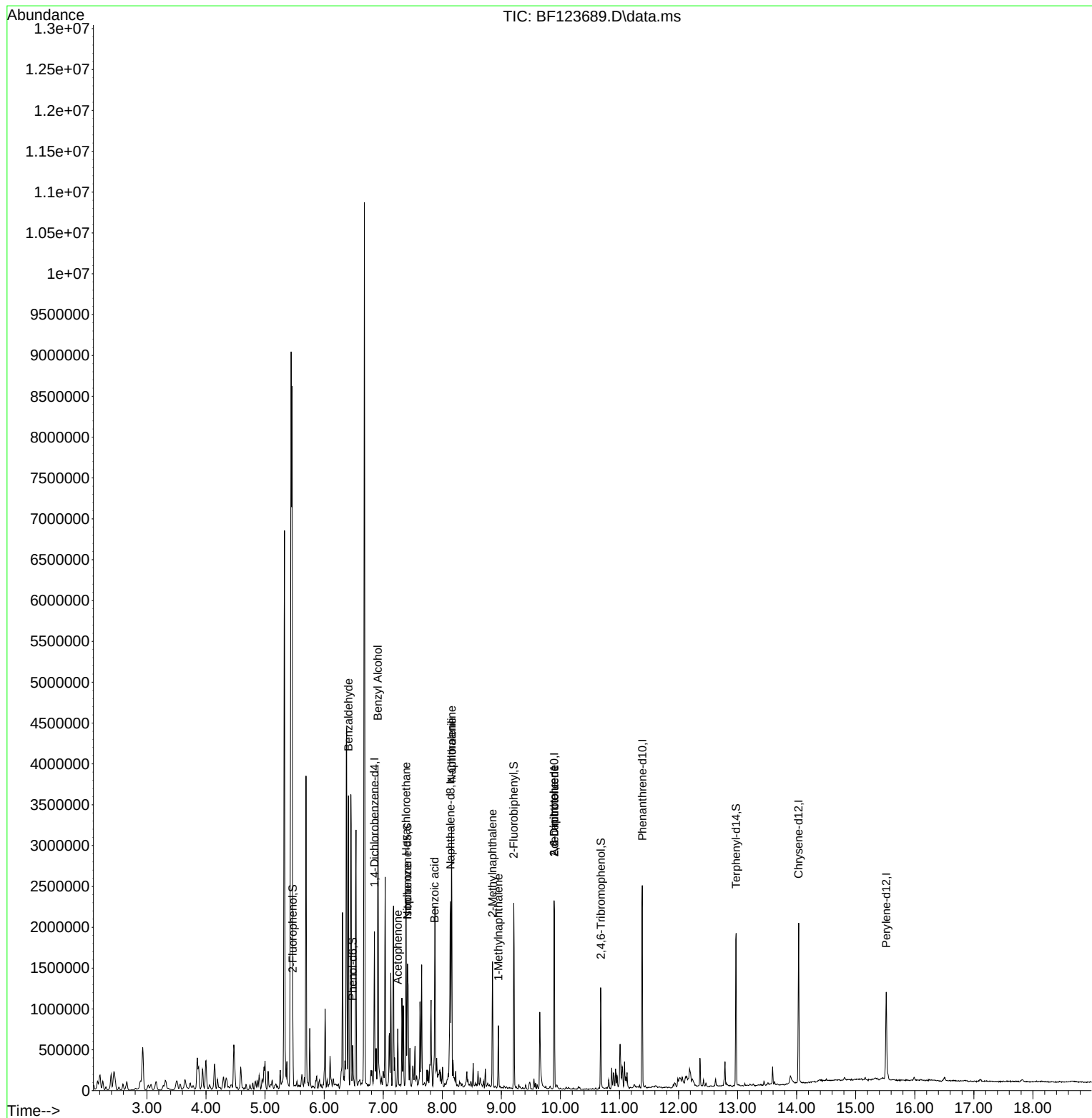
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	227224	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	880403	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	448748	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	891887	20.00	ng	0.00
76) Chrysene-d12	14.033	240	633173	20.00	ng	0.00
86) Perylene-d12	15.515	264	500883	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	165072	11.74	ng	0.00
7) Phenol-d6	6.481	99	140166	7.19	ng	-0.01
23) Nitrobenzene-d5	7.410	82	369330	19.29	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	143352	28.21	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	624102	20.73	ng	0.00
79) Terphenyl-d14	12.974	244	625992	19.22	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	133246	10.48	ng	# 1
15) Benzyl Alcohol	6.910	79	108749	7.08	ng	# 7
18) Hexachloroethane	7.387	117	122326	19.48	ng	# 1
22) Acetophenone	7.245	105	187282	7.67	ng	# 51
25) Isophorone	7.410	82	365522	9.84	ng	# 69
31) Naphthalene	8.157	128	1030192	22.72	ng	# 99
32) Benzoic acid	7.869	122	6395	5.23	ng	# 1
33) 4-Chloroaniline	8.157	127	137906	7.40	ng	# 27
37) 2-Methylnaphthalene	8.851	142	350589	11.79	ng	# 99
38) 1-Methylnaphthalene	8.951	142	177868	6.32	ng	# 99
51) 2,6-Dinitrotoluene	9.892	165	57984	8.52	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	57984	6.38	ng	# 17
89) Benzo(k)fluoranthene	15.145	252	128	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.427	276	238	Below Cal		# 56

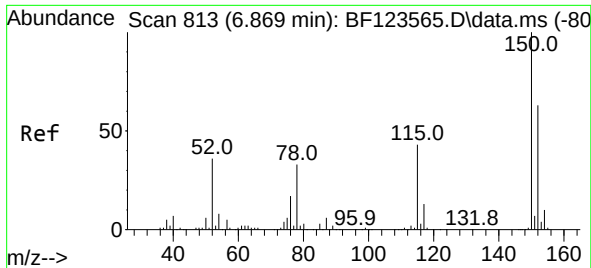
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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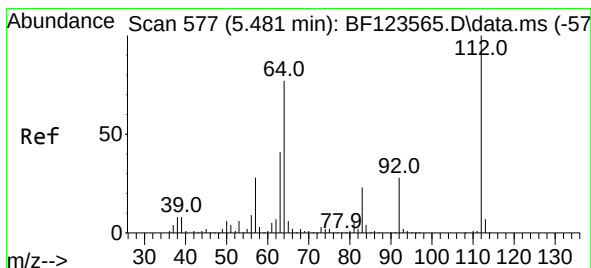
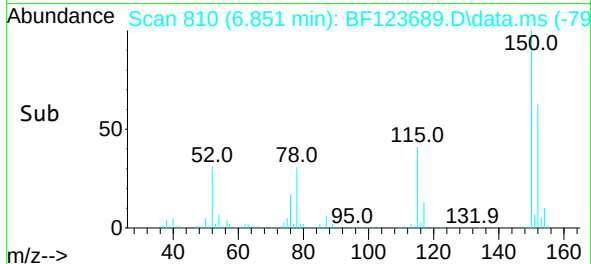
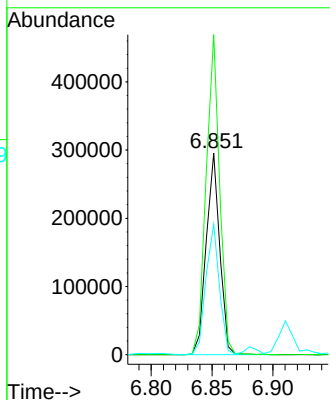
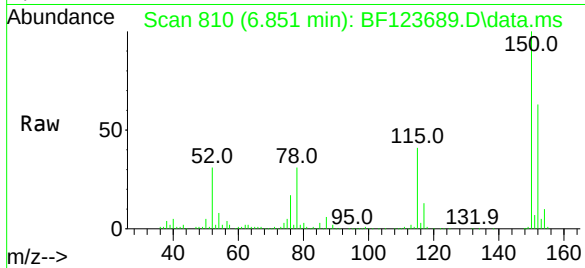




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

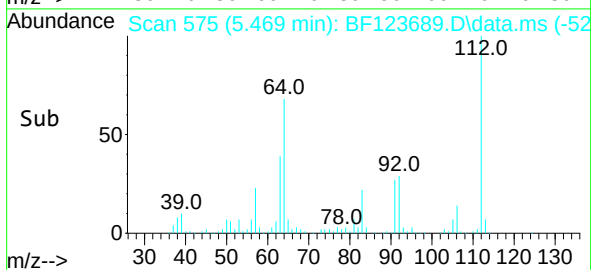
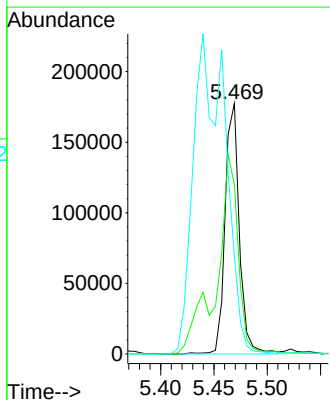
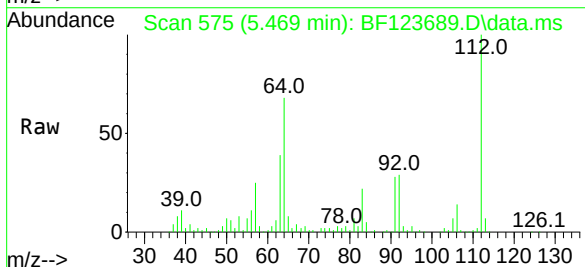
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

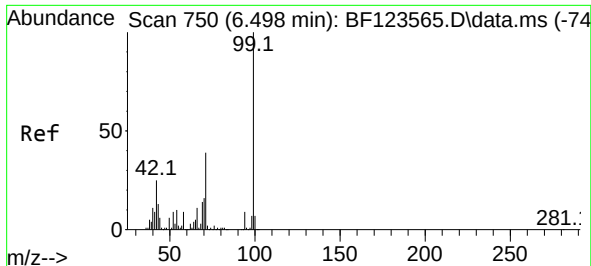
Tgt Ion:152 Resp: 227224
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 11.74 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:112 Resp: 165072
Ion Ratio Lower Upper
112 100
64 67.8 61.4 92.0
63 39.1 33.0 49.4

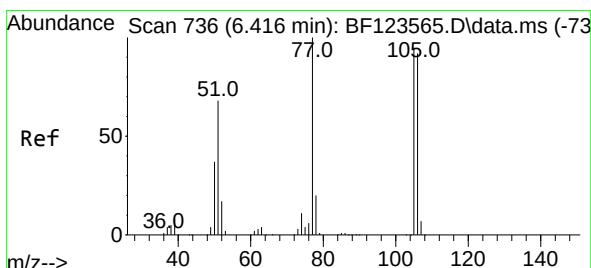
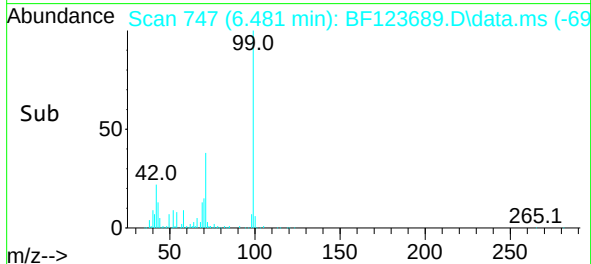
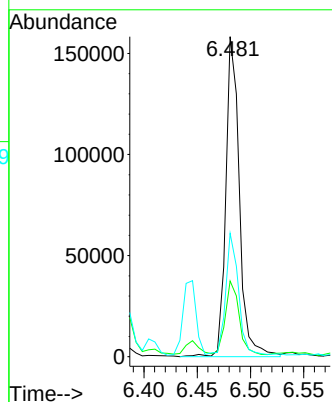
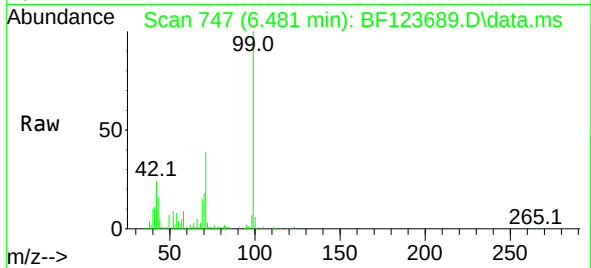




#7
Phenol-d6
Concen: 7.19 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

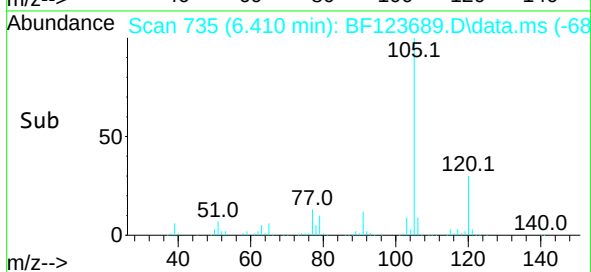
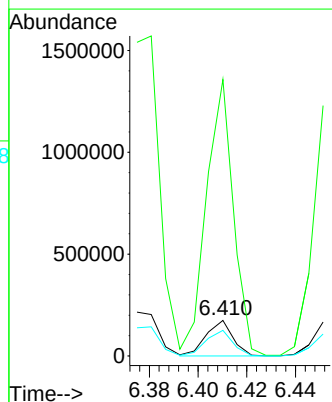
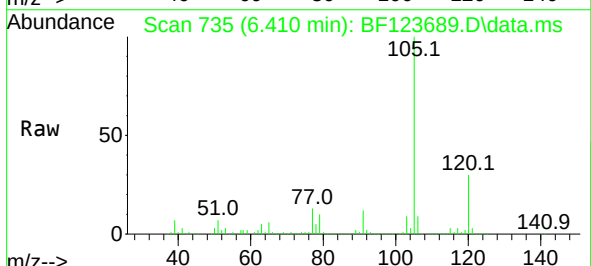
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

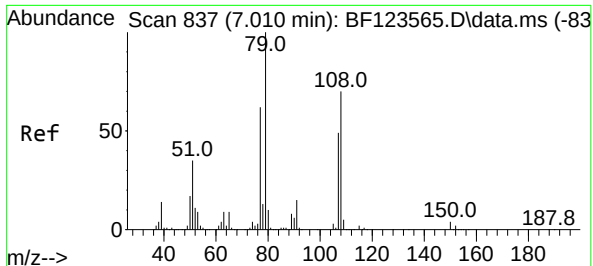
Tgt Ion: 99 Resp: 140166
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 38.6 31.1 46.7



#9
Benzaldehyde
Concen: 10.48 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion: 77 Resp: 133246
Ion Ratio Lower Upper
77 100
105 778.0 75.2 115.2#
106 71.9 71.6 111.6

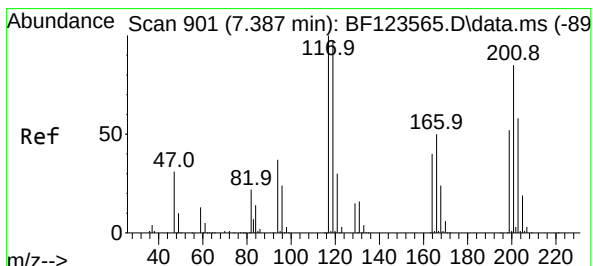
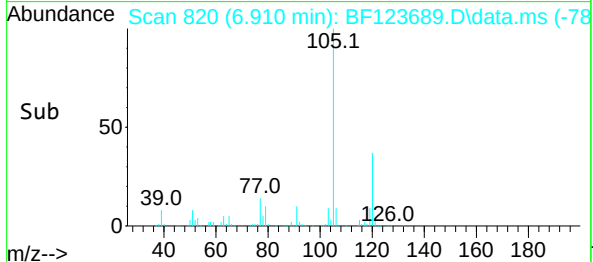
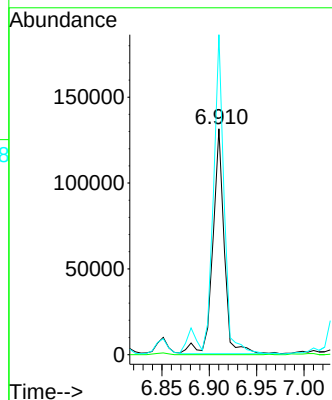
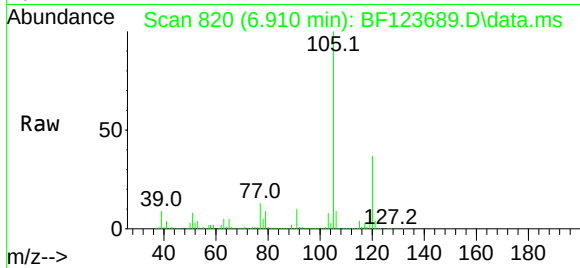




#15
Benzyl Alcohol
Concen: 7.08 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.082 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

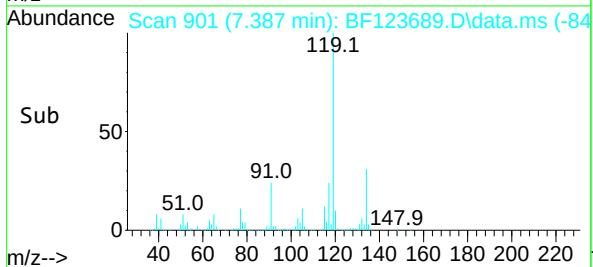
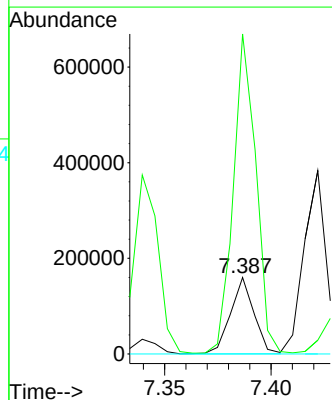
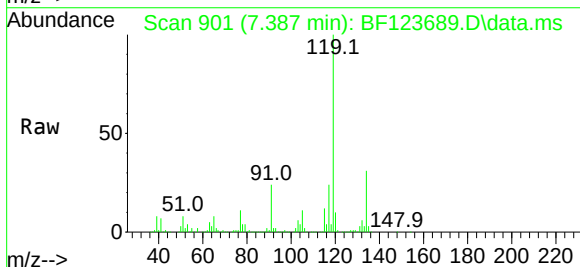
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

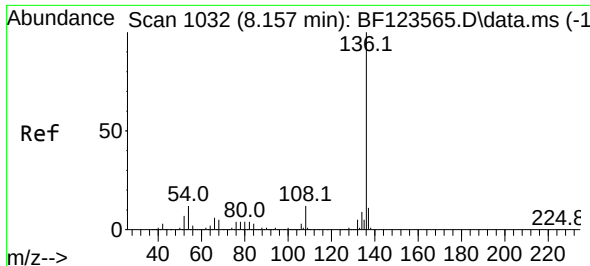
Tgt Ion: 79 Resp: 108749
Ion Ratio Lower Upper
79 100
108 0.0 55.8 83.8#
77 141.7 49.9 74.9#



#18
Hexachloroethane
Concen: 19.48 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.018 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion: 117 Resp: 122326
Ion Ratio Lower Upper
117 100
119 418.7 77.8 116.8#
201 0.0 67.8 101.8#

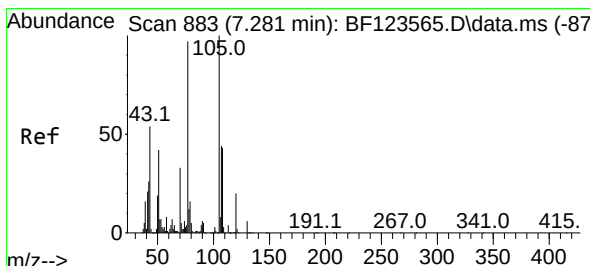
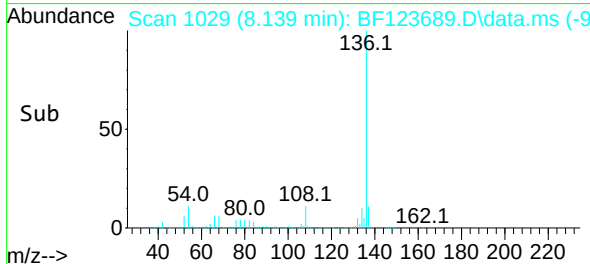
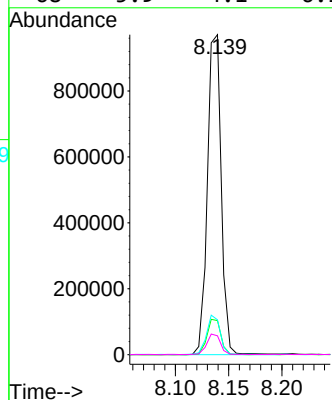
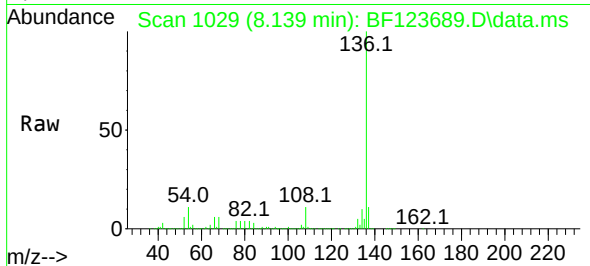




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

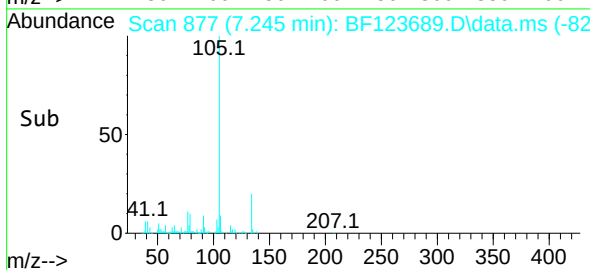
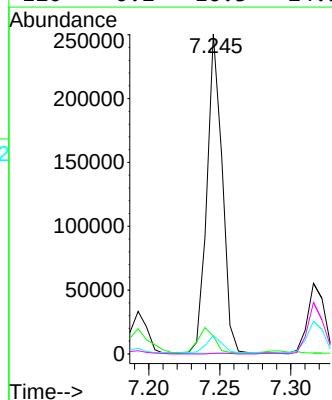
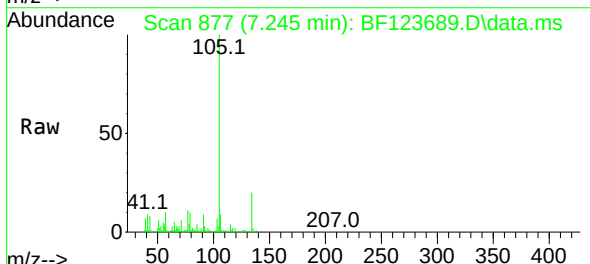
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

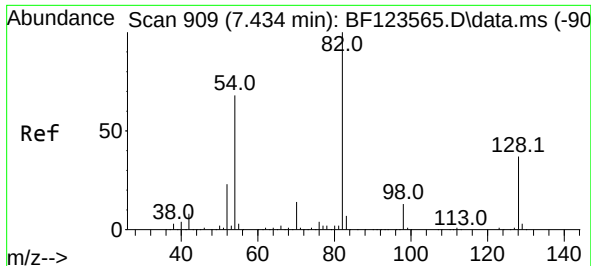
Tgt Ion:136	Resp: 880403
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 10.9	9.8 14.6
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 7.67 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.018 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:105	Resp: 187282
Ion Ratio	Lower Upper
105 100	
71 5.6	4.2 6.4
51 5.8	33.6 50.4#
120 0.2	16.3 24.5#





#23

Nitrobenzene-d5

Concen: 19.29 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123689.D

Acq: 22 Apr 2021 13:24

Tgt Ion: 82 Resp: 369330

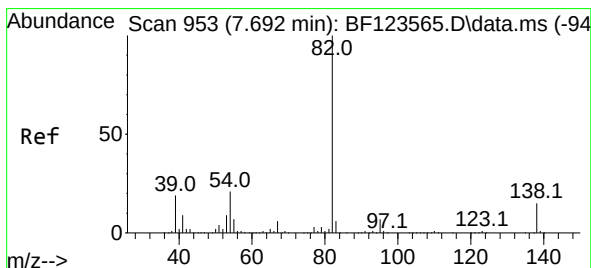
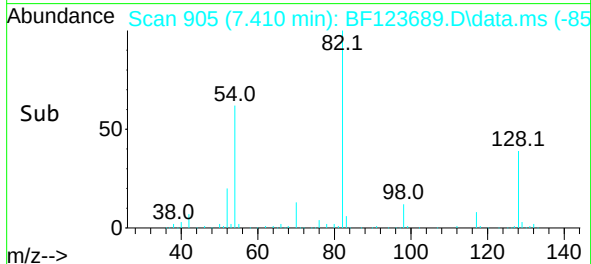
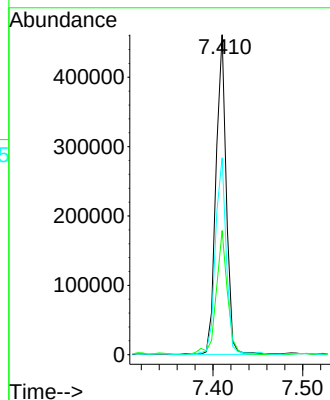
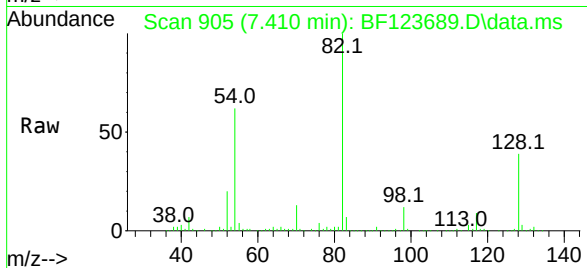
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	61.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

124-GW-2DL



#25

Isophorone

Concen: 9.84 ng

RT: 7.410 min Scan# 905

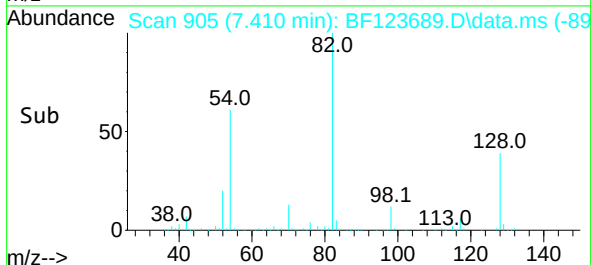
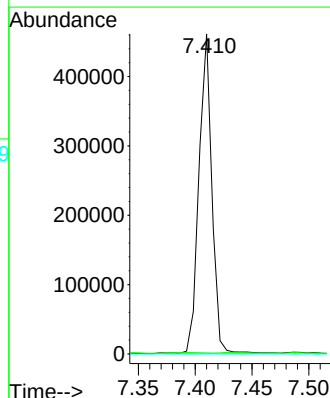
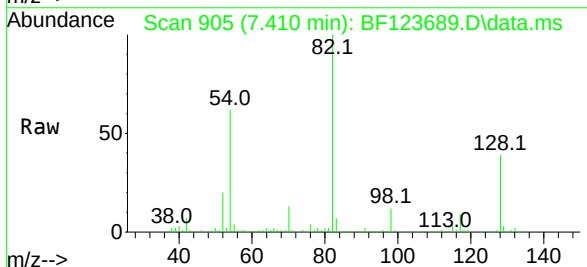
Delta R.T. -0.265 min

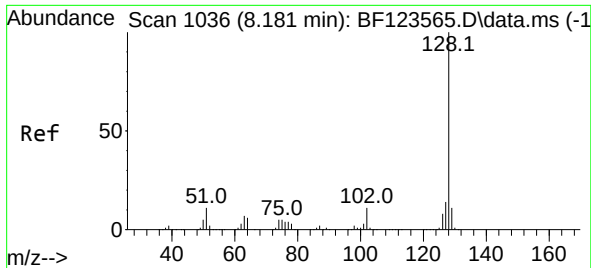
Lab File: BF123689.D

Acq: 22 Apr 2021 13:24

Tgt Ion: 82 Resp: 365522

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.8	8.6#
138	0.0	11.8	17.8#

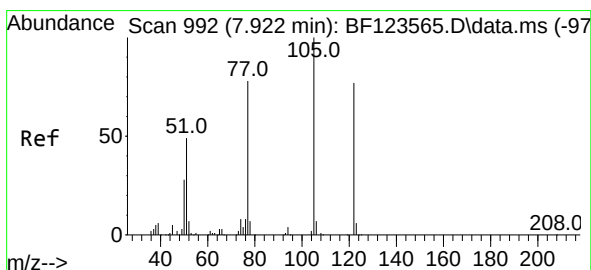
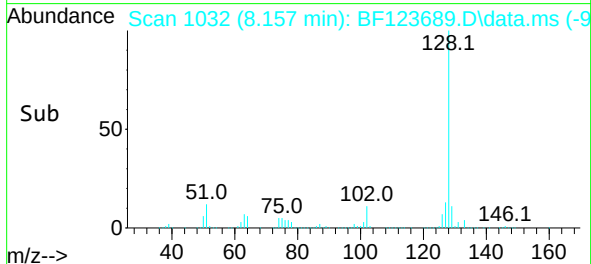
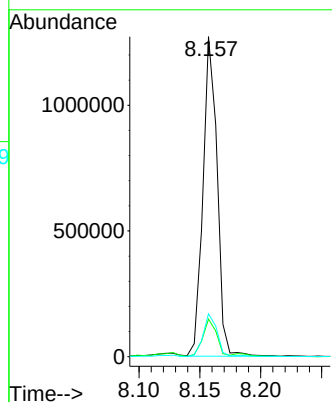
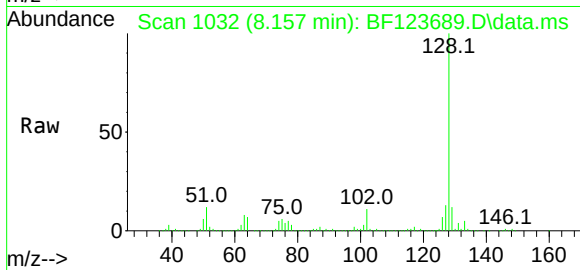




#31
Naphthalene
Concen: 22.72 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

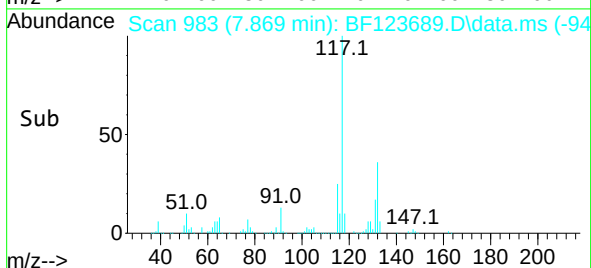
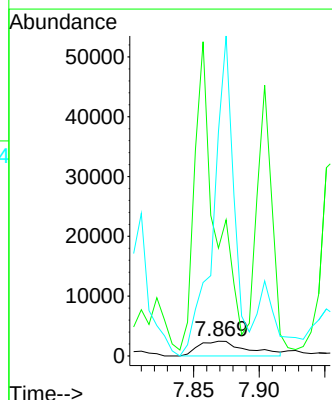
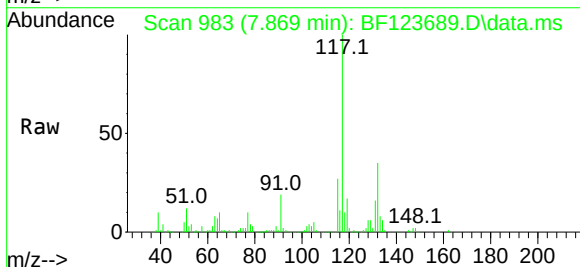
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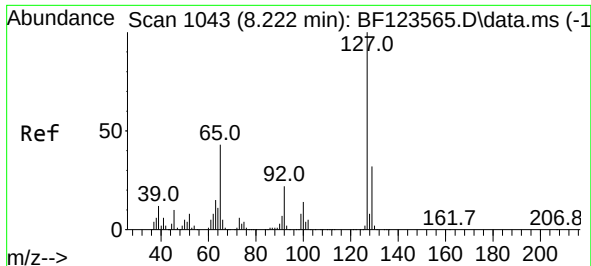
Tgt Ion:128 Resp: 1030192
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 5.23 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.047 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

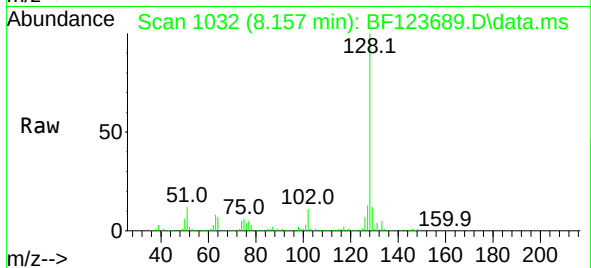
Tgt Ion:122 Resp: 6395
Ion Ratio Lower Upper
122 100
105 733.9 107.8 147.8#
77 1525.4 81.6 121.6#



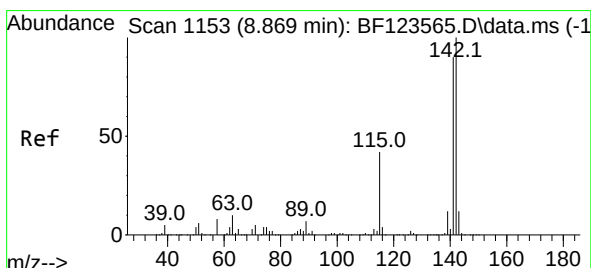
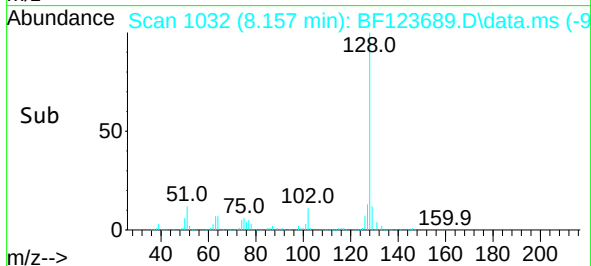
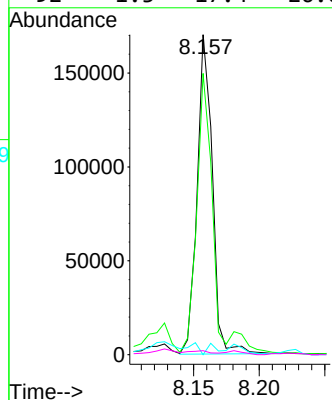


#33
4-Chloroaniline
Concen: 7.40 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.053 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

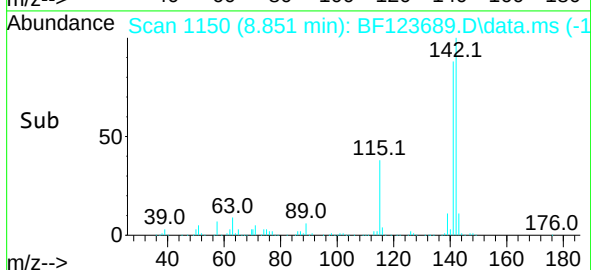
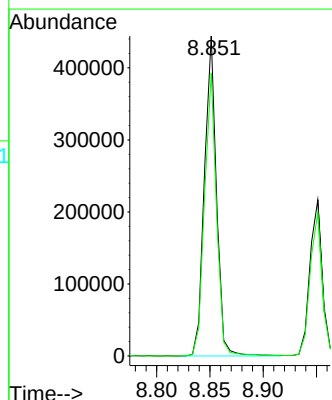
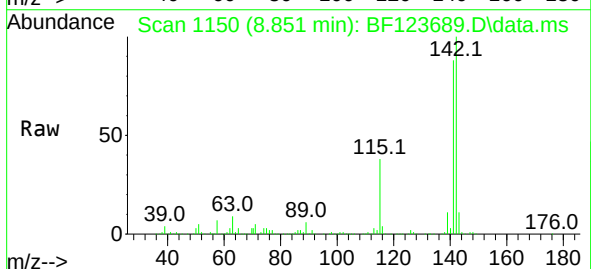


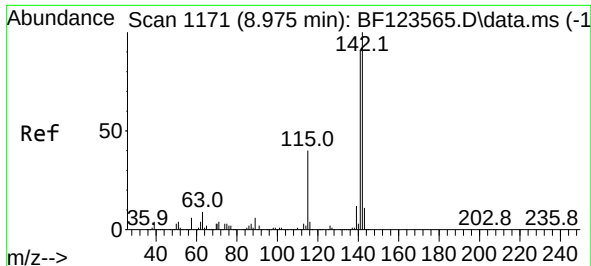
Tgt Ion	Ratio	Lower	Upper
127	100		
129	87.9	25.7	38.5#
65	0.0	34.5	51.7#
92	1.3	17.4	26.0#



#37
2-Methylnaphthalene
Concen: 11.79 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.8	107.6

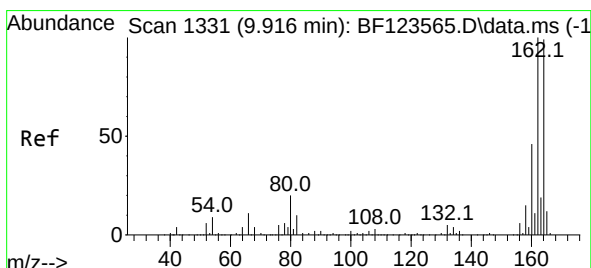
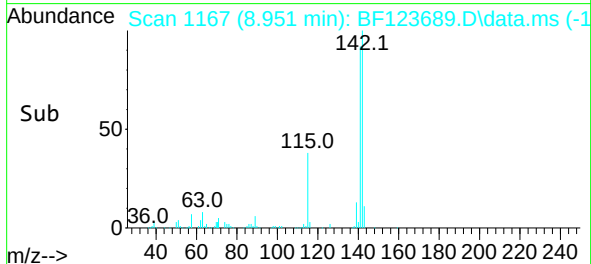
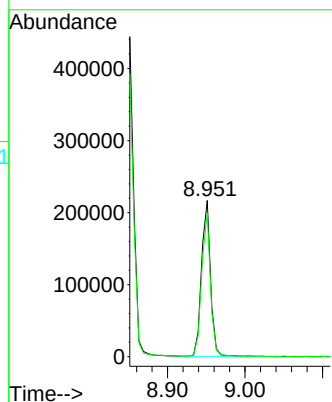
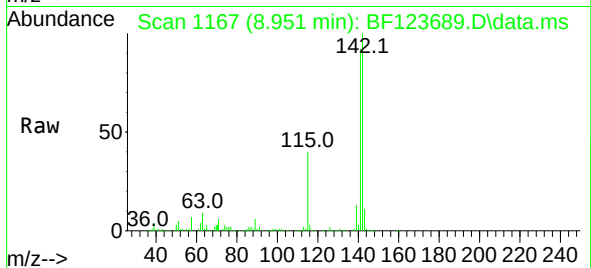




#38
1-Methylnaphthalene
Concen: 6.32 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

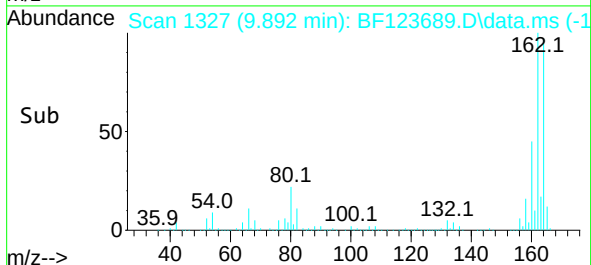
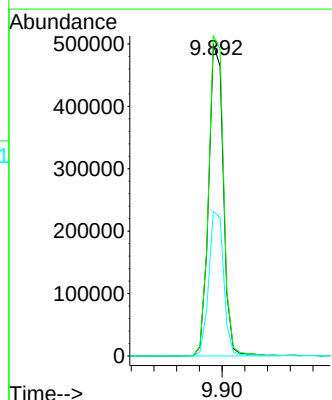
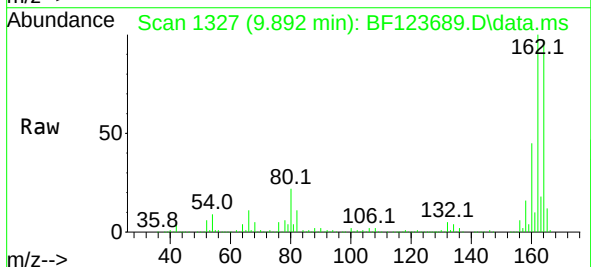
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

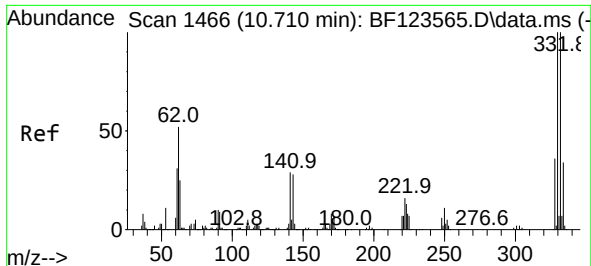
Tgt Ion:142 Resp: 177868
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:164 Resp: 448748
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.4 37.3 55.9

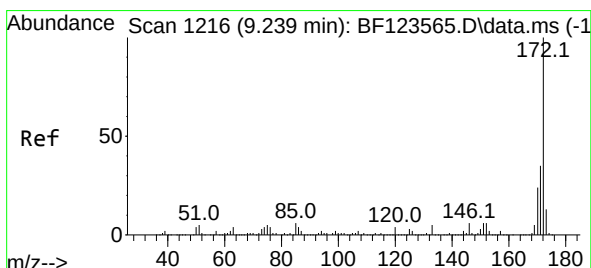
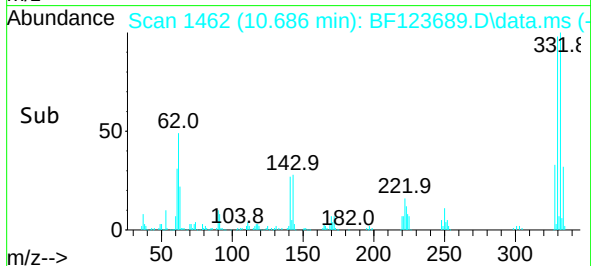
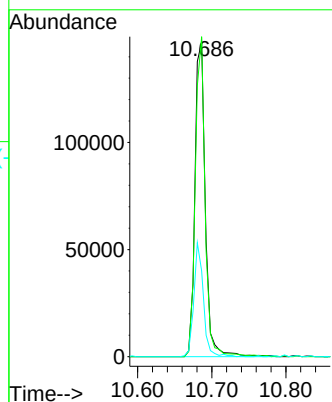
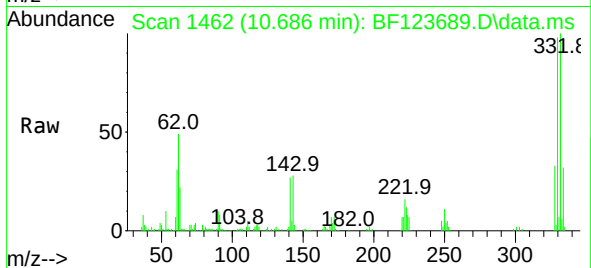




#42
2,4,6-Tribromophenol
Concen: 28.21 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

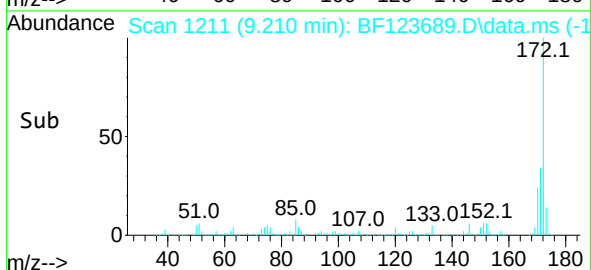
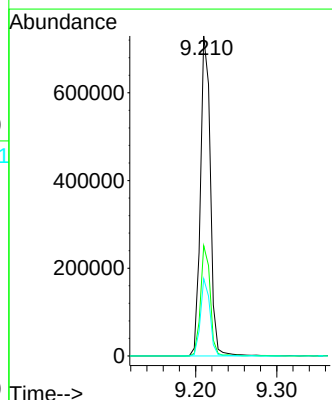
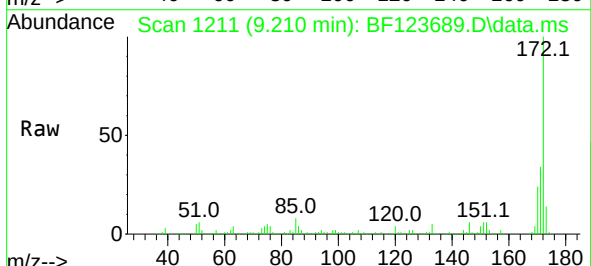
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

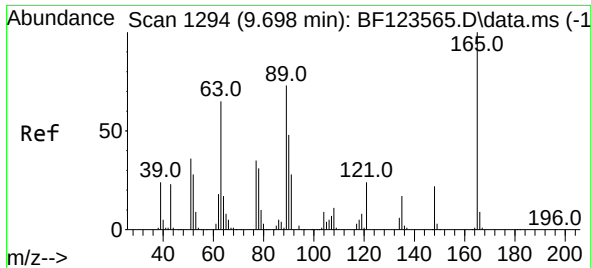
Tgt Ion: 330 Resp: 143352
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 20.73 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion: 172 Resp: 624102
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.1 19.2 28.8

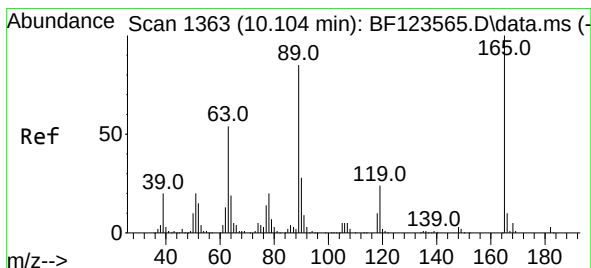
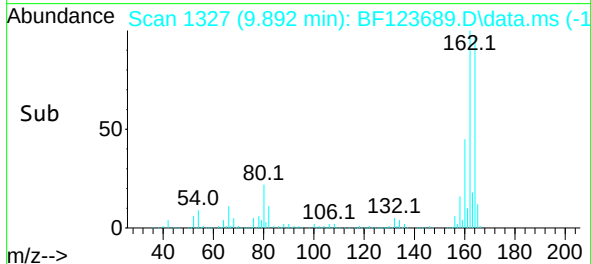
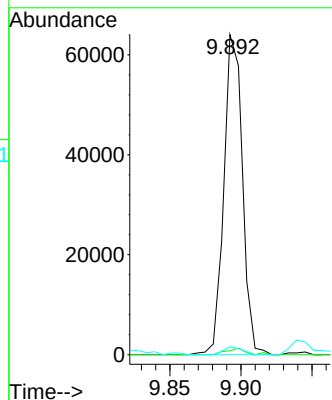
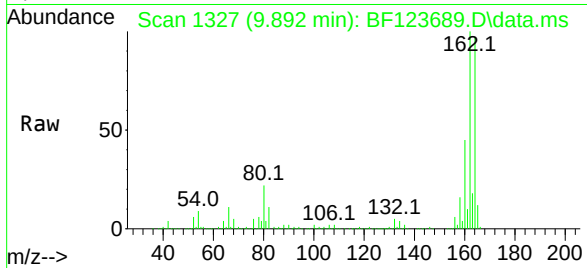




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

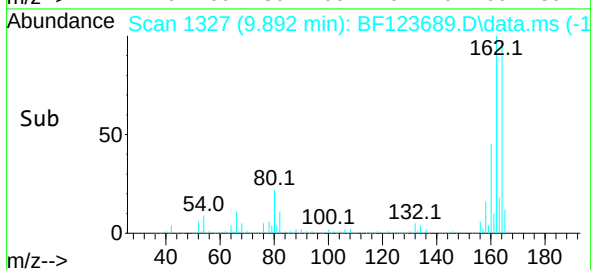
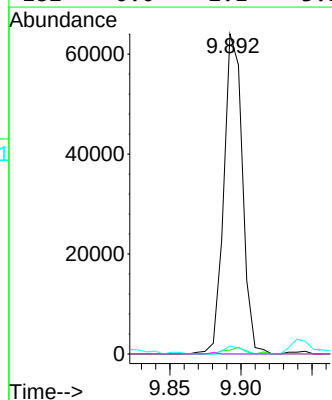
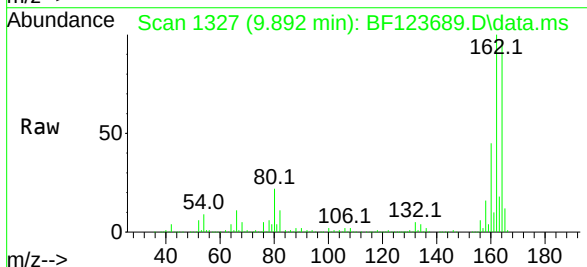
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

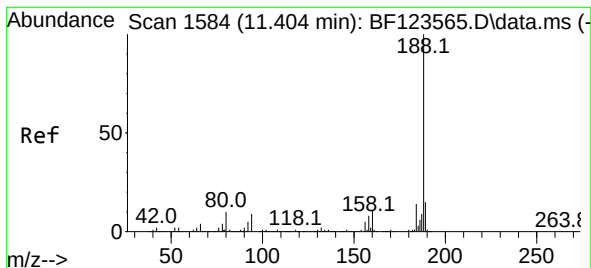
Tgt Ion:165 Resp: 57984
Ion Ratio Lower Upper
165 100
63 1.2 67.7 101.5#
89 2.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:165 Resp: 57984
Ion Ratio Lower Upper
165 100
63 1.2 43.5 65.3#
89 2.4 67.7 101.5#
182 0.0 2.1 3.1#

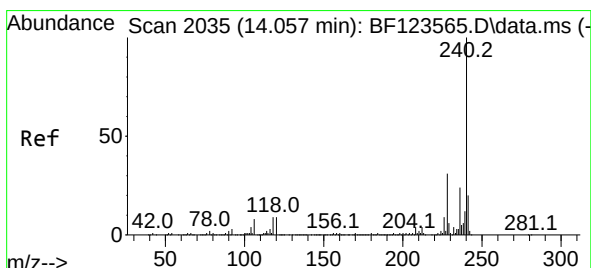
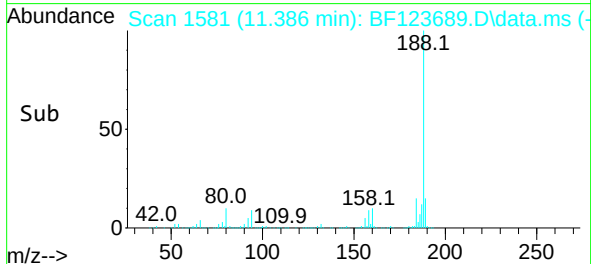
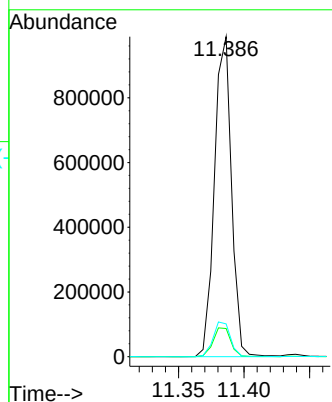
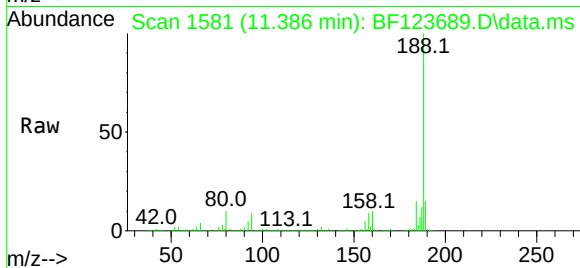




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

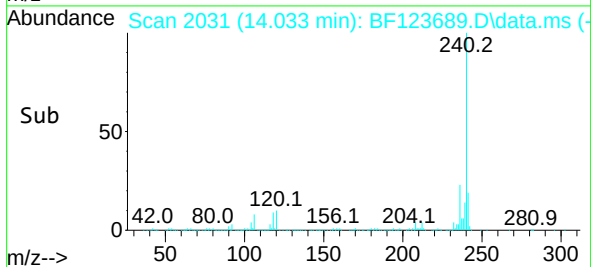
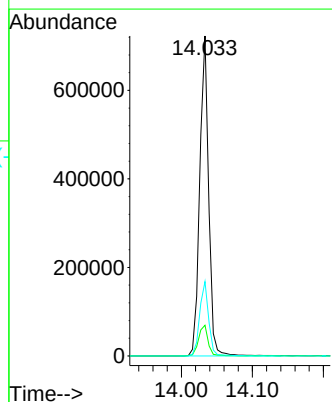
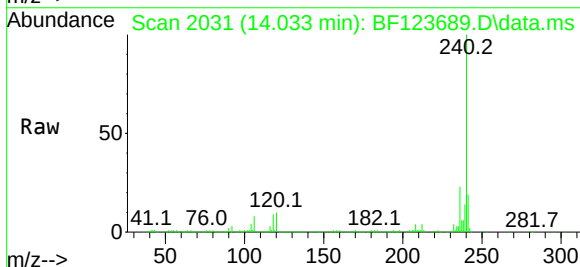
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

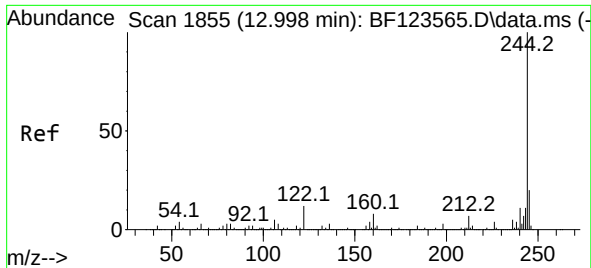
Tgt Ion:188 Resp: 891887
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:240 Resp: 633173
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 23.3 19.0 28.4

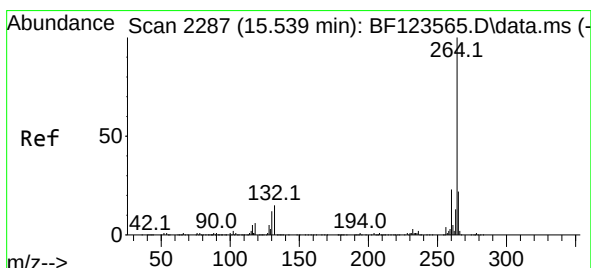
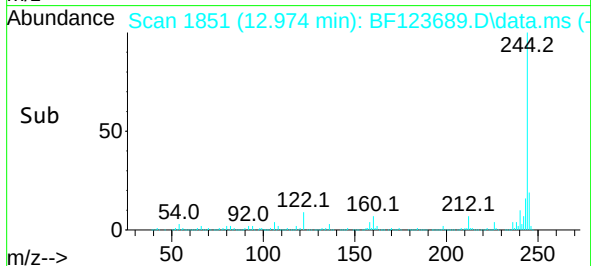
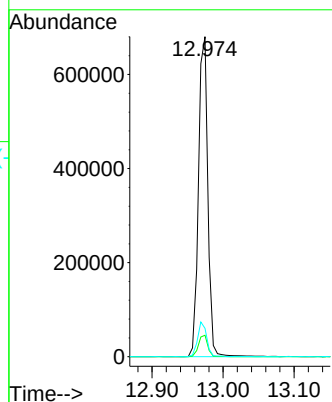
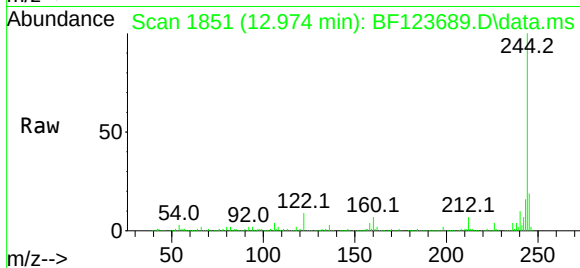




#79
Terphenyl-d14
Concen: 19.22 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

Tgt Ion:244 Resp: 625992
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.9 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:264 Resp: 500883
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 20.8 17.8 26.8

