

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123685.D
 Acq On : 22 Apr 2021 11:14
 Operator : JU/CG
 Sample : M2114-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-X

Quant Time: Apr 22 12:34:39 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)

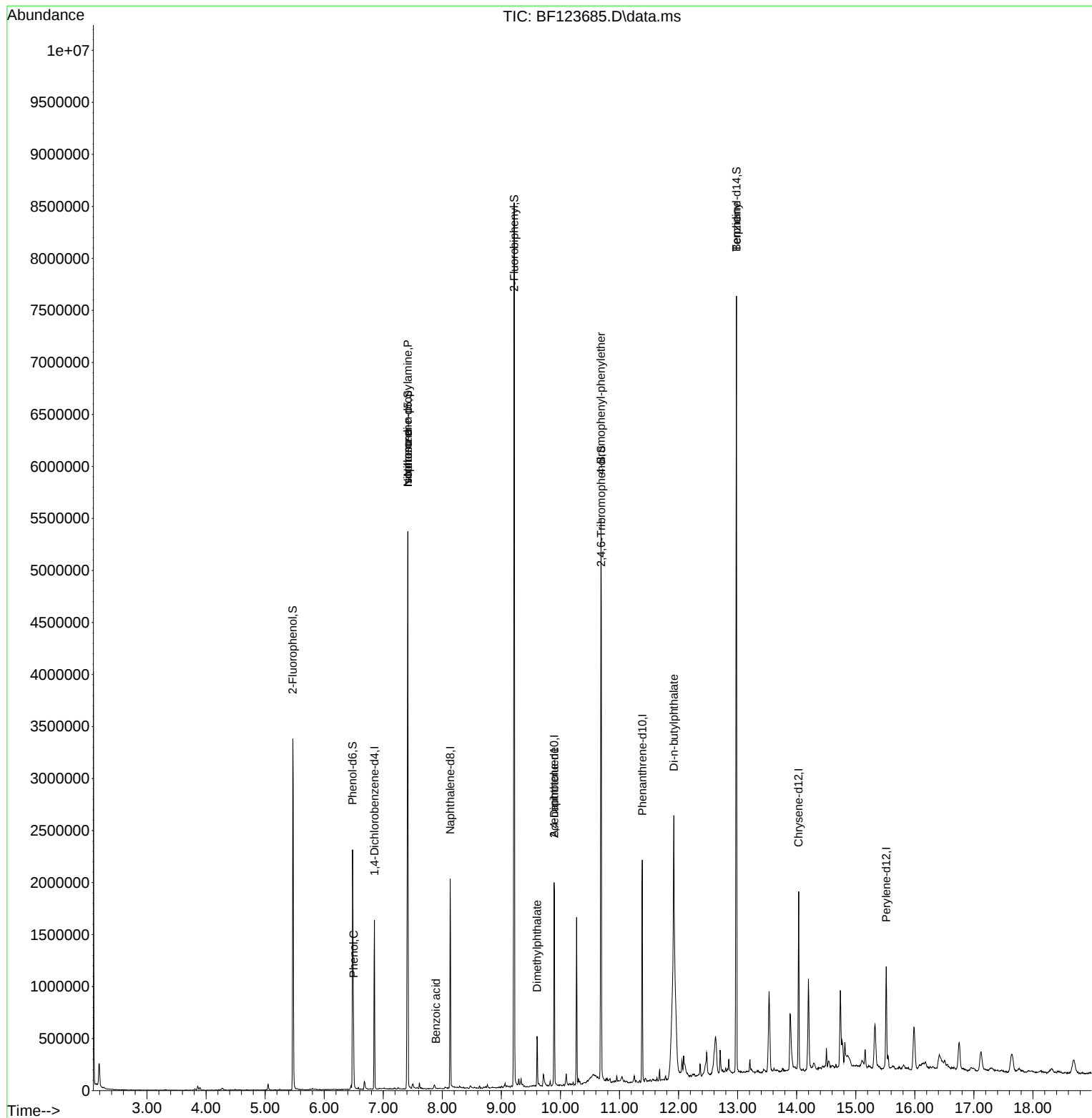
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	203199	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	771278	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	384909	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	742266	20.00	ng	0.00
76) Chrysene-d12	14.033	240	563919	20.00	ng	0.00
86) Perylene-d12	15.515	264	457643	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	783899	62.35	ng	0.00
7) Phenol-d6	6.481	99	615803	35.35	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1616374	96.34	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	650890	149.33	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2473099	95.78	ng	0.00
79) Terphenyl-d14	12.980	244	2381023	82.06	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.498	94	168207	9.09	ng	92
19) n-Nitroso-di-n-propyla...	7.416	70	224528	19.46	ng	# 74
25) Isophorone	7.416	82	1616357	49.66	ng	# 69
32) Benzoic acid	7.892	122	245	4.58	ng	# 1
50) Dimethylphthalate	9.604	163	171757	6.46	ng	98
57) 2,4-Dinitrotoluene	9.892	165	49645	6.37	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	36251	4.67	ng	# 1
74) Di-n-butylphthalate	11.922	149	494257	10.57	ng	# 68
77) Benzidine	12.980	184	32856	2.14	ng	# 91
89) Benzo(k)fluoranthene	15.110	252	1674	Below	Cal	# 1
92) Benzo(g,h,i)perylene	17.439	276	535	Below	Cal	# 56

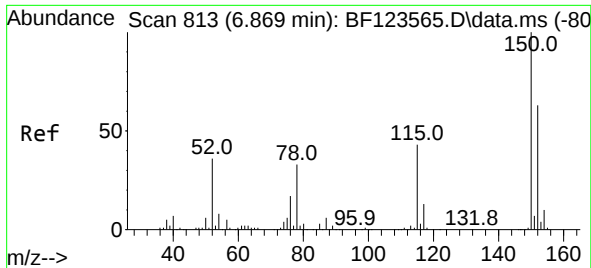
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
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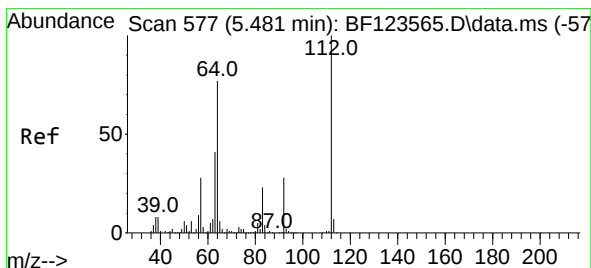
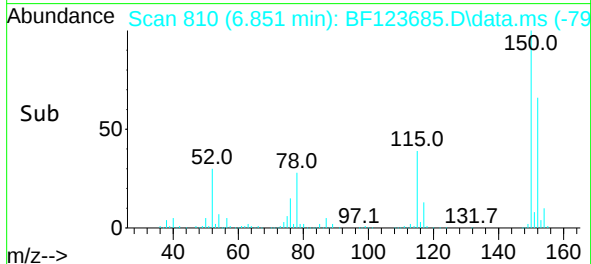
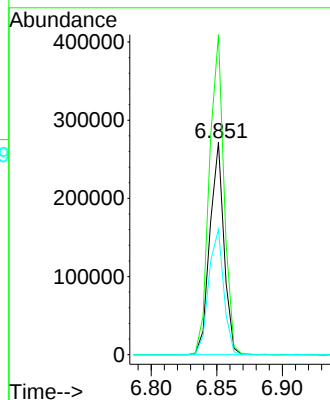
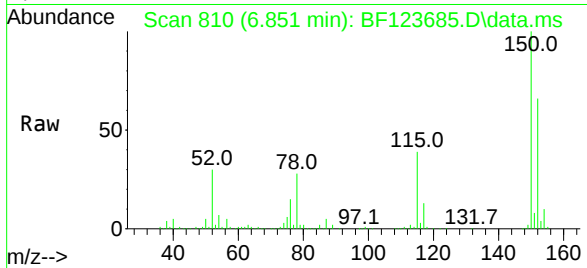




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

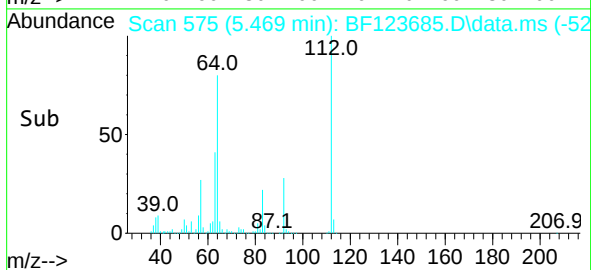
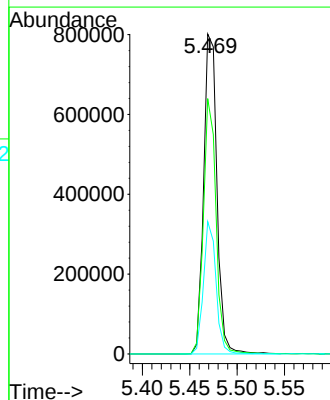
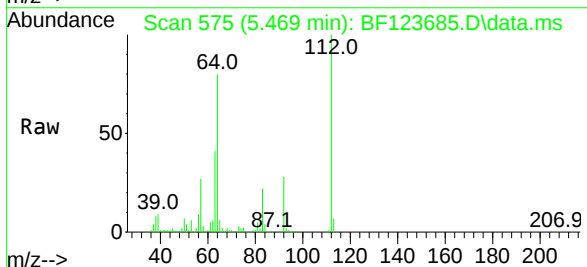
Instrument :
BNA_F
ClientSampleId :
GMW-X

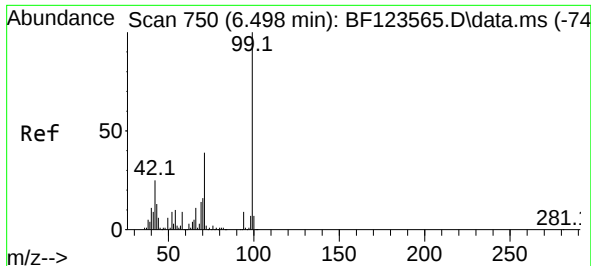
Tgt Ion:152 Resp: 203199
Ion Ratio Lower Upper
152 100
150 150.7 127.0 190.6
115 59.1 54.3 81.5



#5
2-Fluorophenol
Concen: 62.35 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion:112 Resp: 783899
Ion Ratio Lower Upper
112 100
64 79.8 61.4 92.0
63 41.3 33.0 49.4

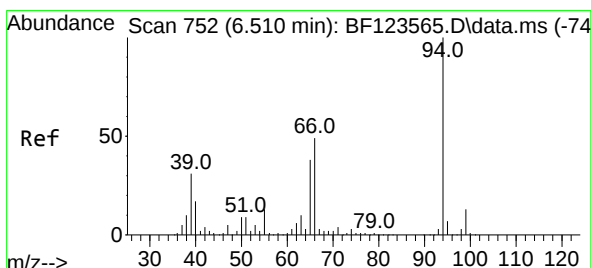
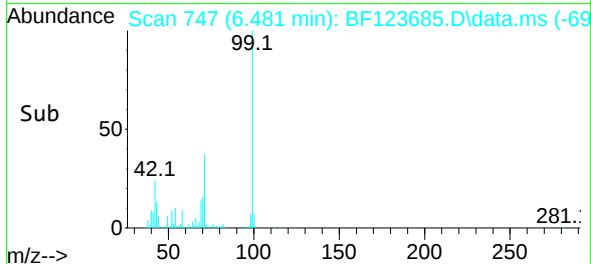
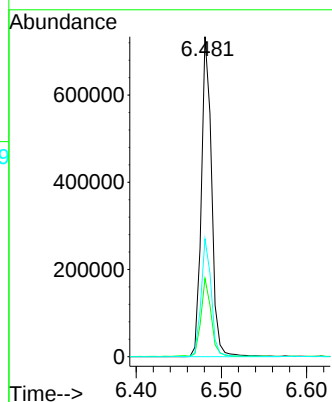
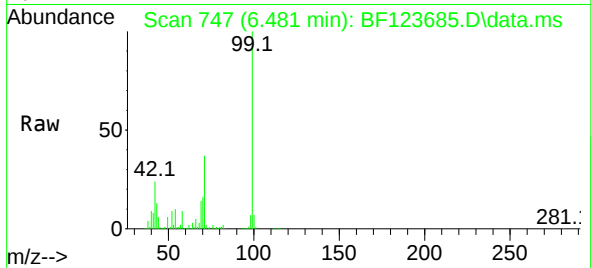




#7
Phenol-d6
Concen: 35.35 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

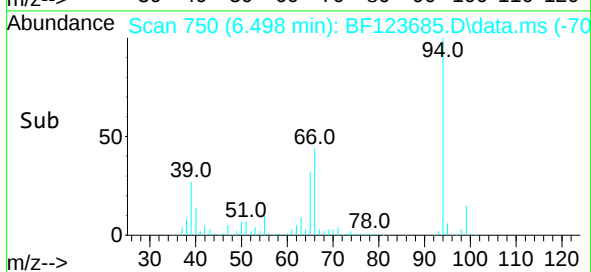
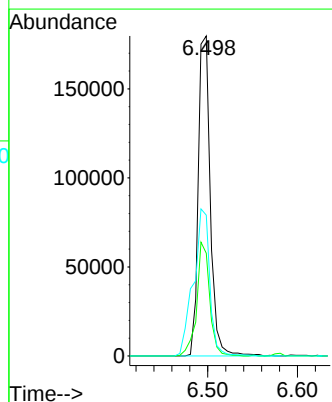
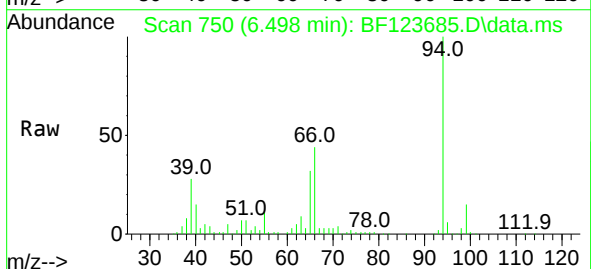
Instrument :
BNA_F
ClientSampleId :
GMW-X

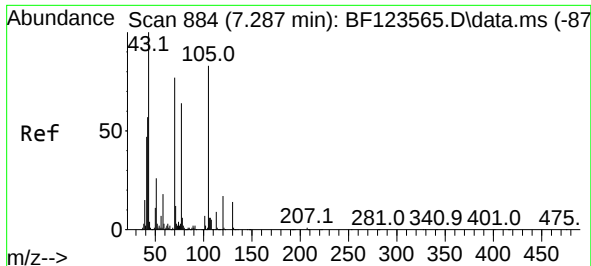
Tgt Ion: 99 Resp: 615803
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 36.8 31.1 46.7



#10
Phenol
Concen: 9.09 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

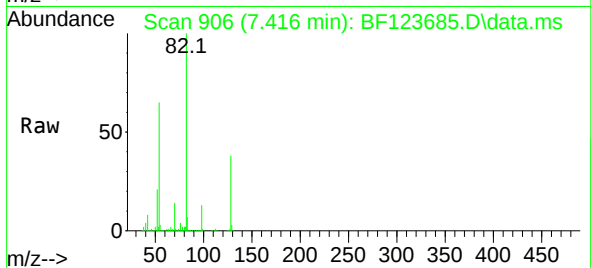
Tgt Ion: 94 Resp: 168207
Ion Ratio Lower Upper
94 100
65 32.1 18.1 58.1
66 44.0 29.0 69.0



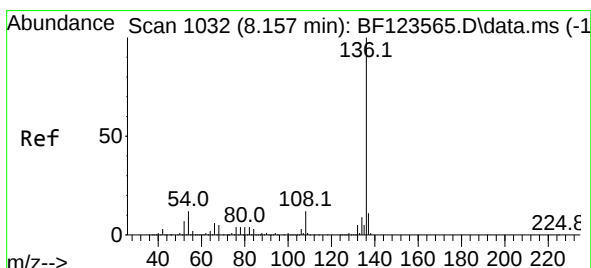
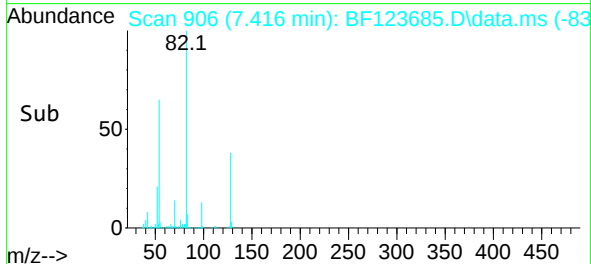
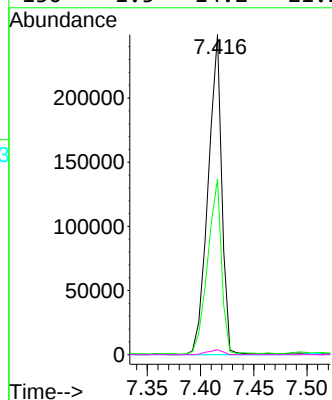


#19
n-Nitroso-di-n-propylamine
Concen: 19.46 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Instrument :
BNA_F
ClientSampleId :
GMW-X

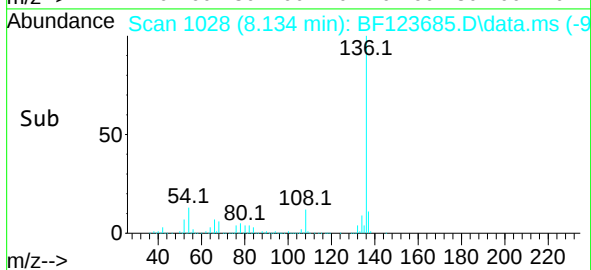
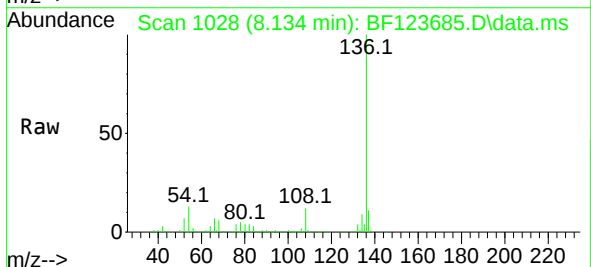
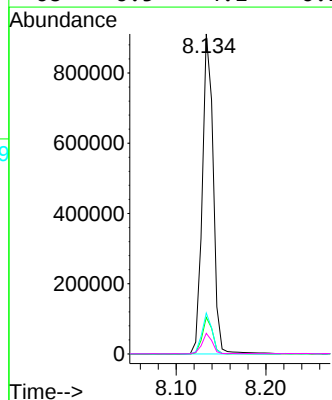


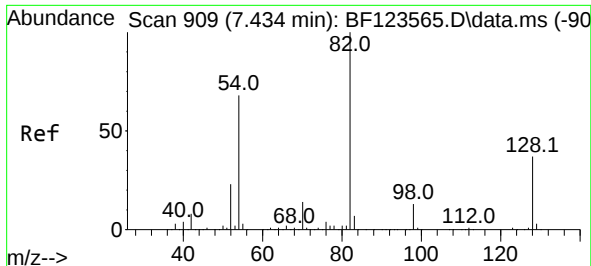
Tgt Ion: 70 Resp: 224528
Ion Ratio Lower Upper
70 100
42 54.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion: 136 Resp: 771278
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.8 9.8 14.6
68 6.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 96.34 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF123685.D

Acq: 22 Apr 2021 11:14

Tgt Ion: 82 Resp: 1616374

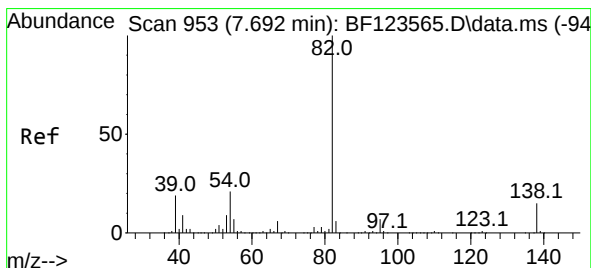
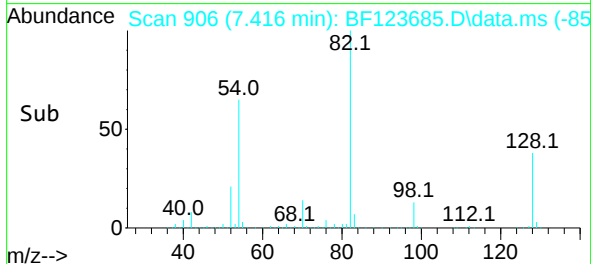
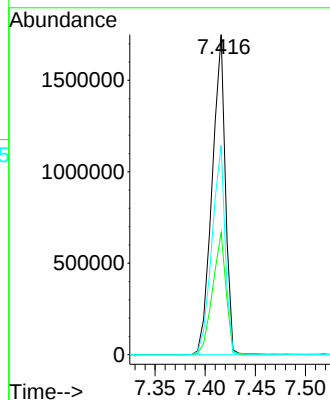
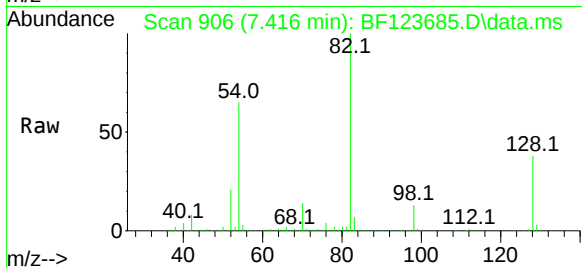
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	65.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

GMW-X



#25

Isophorone

Concen: 49.66 ng

RT: 7.416 min Scan# 906

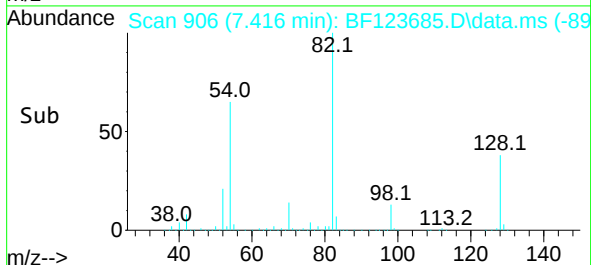
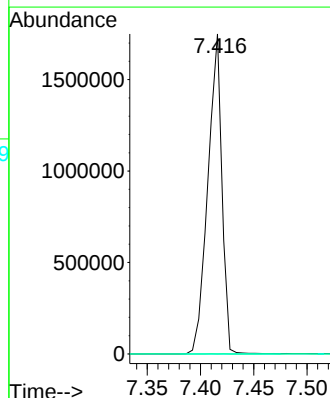
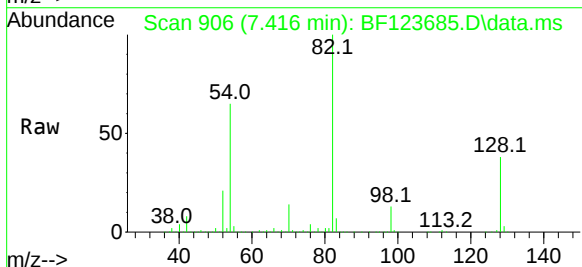
Delta R.T. -0.259 min

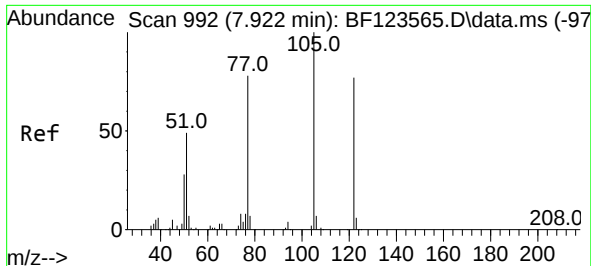
Lab File: BF123685.D

Acq: 22 Apr 2021 11:14

Tgt Ion: 82 Resp: 1616357

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

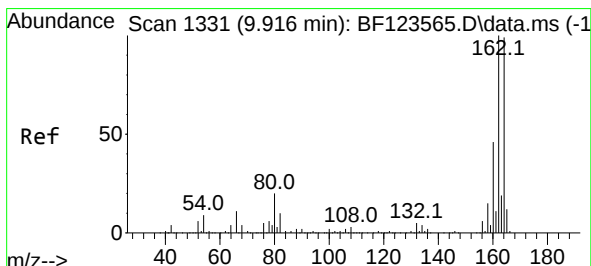
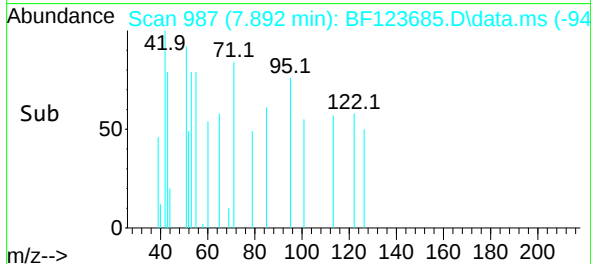
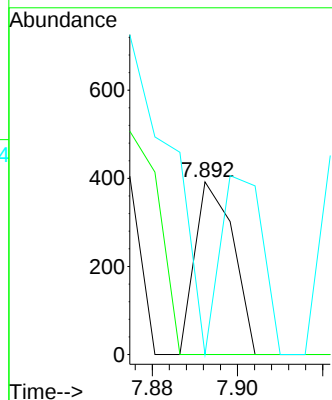
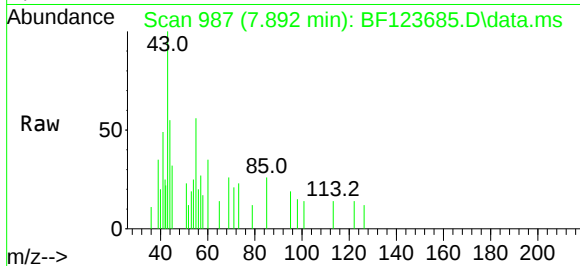




#32
Benzoic acid
Concen: 4.58 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.024 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

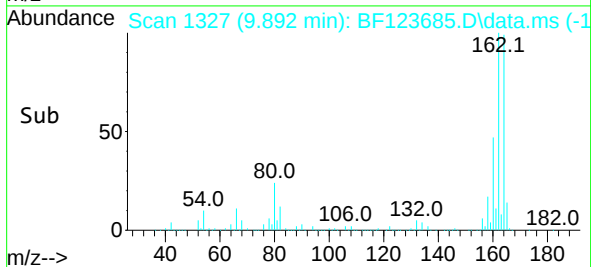
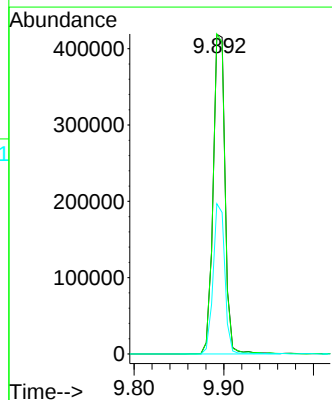
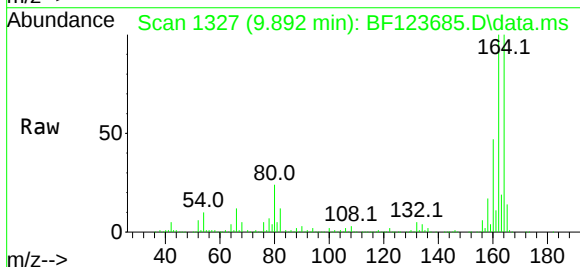
Instrument :
BNA_F
ClientSampleId :
GMW-X

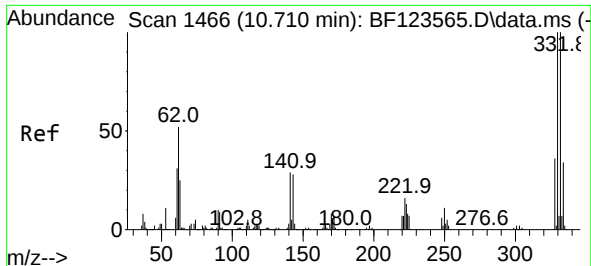
Tgt Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion:164 Resp: 384909
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 47.0 37.3 55.9

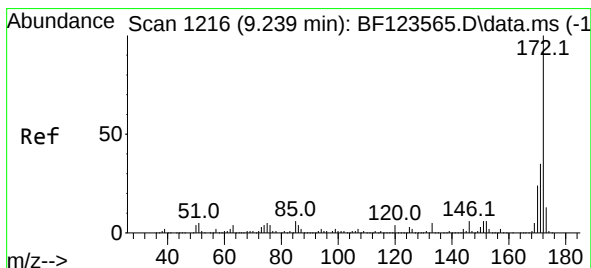
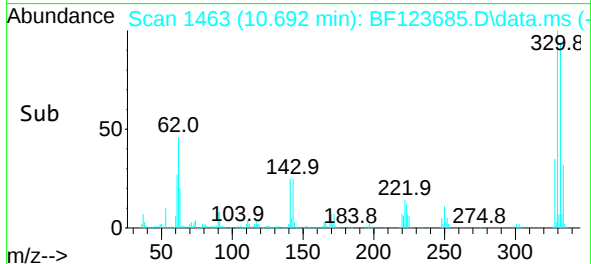
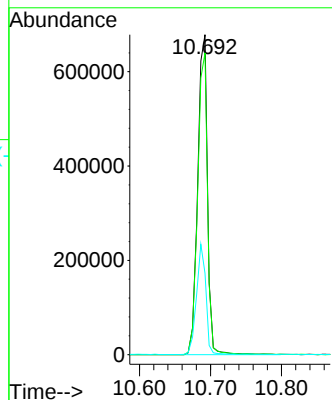
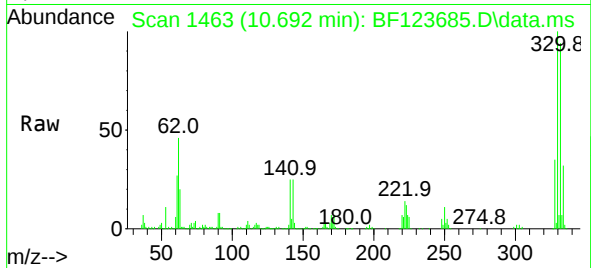




#42
2,4,6-Tribromophenol
Concen: 149.33 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

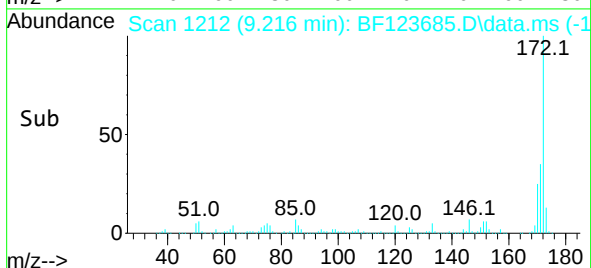
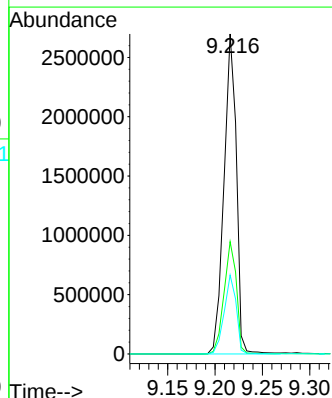
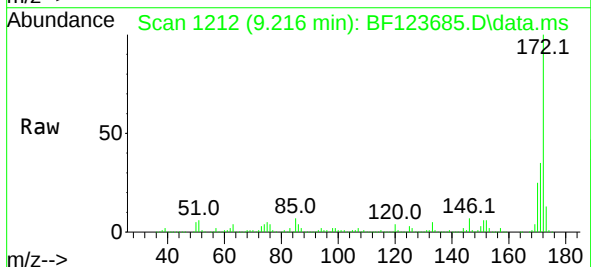
Instrument :
BNA_F
ClientSampled :
GMW-X

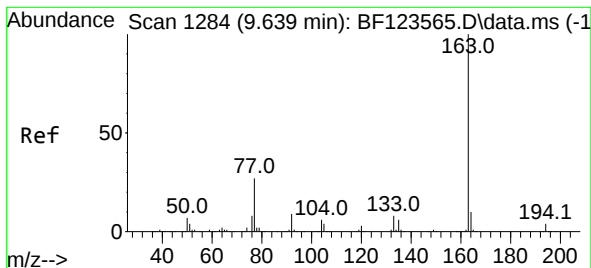
Tgt Ion: 330 Resp: 650890
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 32.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion: 172 Resp: 2473099
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 24.7 19.2 28.8





#50

Dimethylphthalate

Concen: 6.46 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.018 min

Lab File: BF123685.D

Acq: 22 Apr 2021 11:14

Tgt Ion:163 Resp: 171757

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

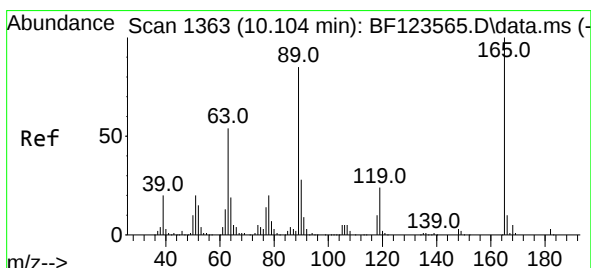
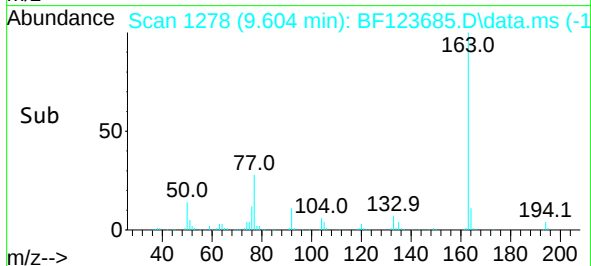
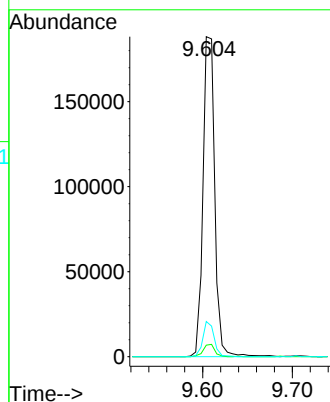
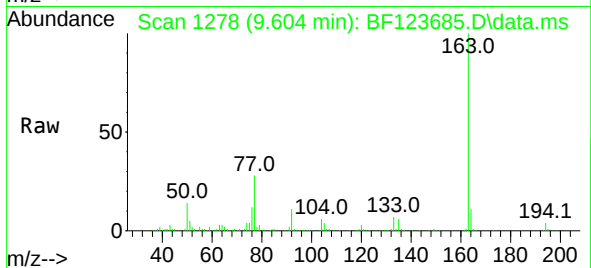
164 11.0 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

GMW-X



#57

2,4-Dinitrotoluene

Concen: 6.37 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.188 min

Lab File: BF123685.D

Acq: 22 Apr 2021 11:14

Tgt Ion:165 Resp: 49645

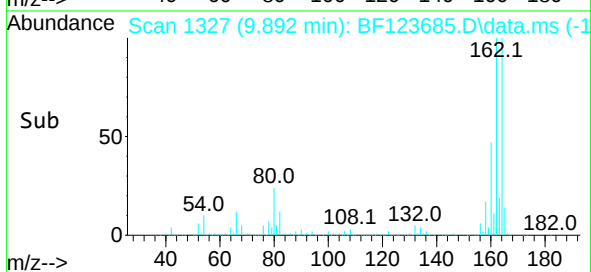
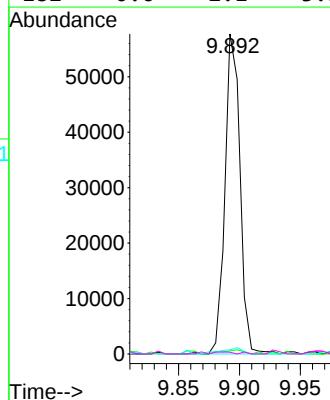
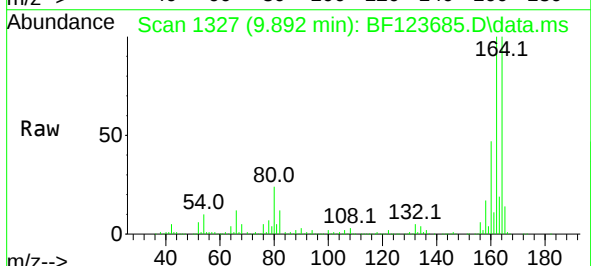
Ion Ratio Lower Upper

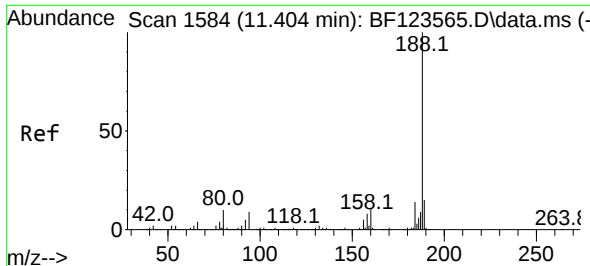
165 100

63 1.0 43.5 65.3#

89 1.3 67.7 101.5#

182 0.6 2.1 3.1#

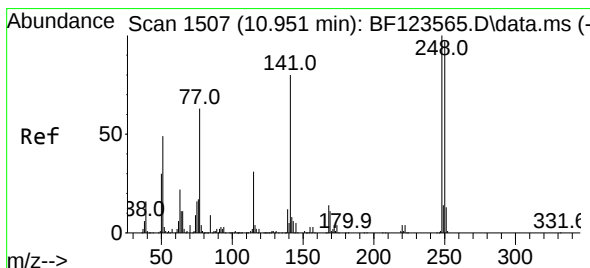
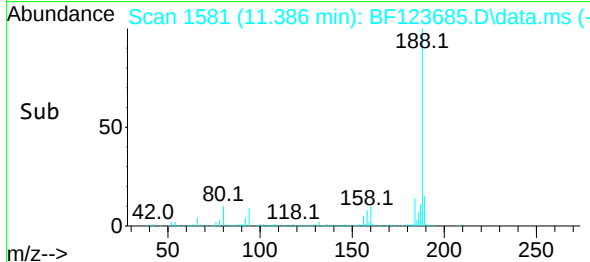
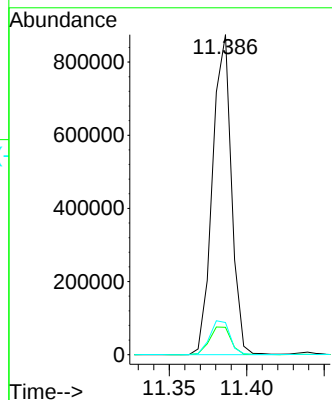
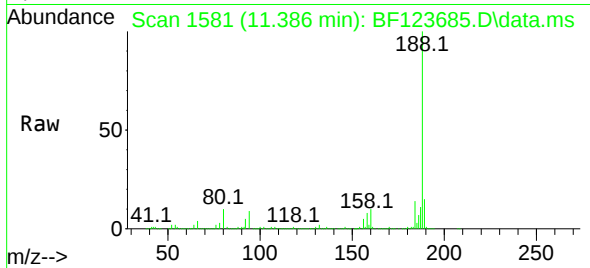




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

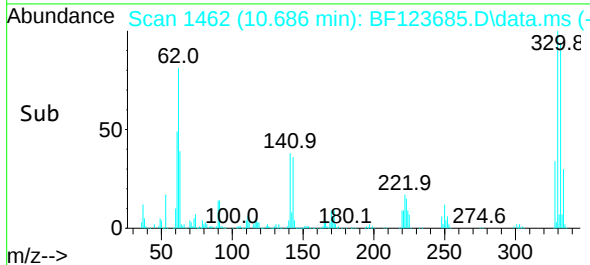
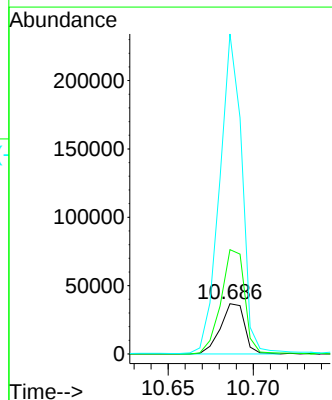
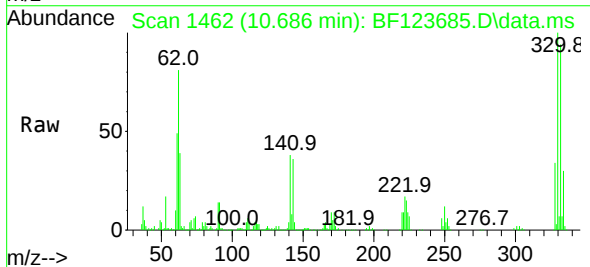
Instrument :
BNA_F
ClientSampled :
GMW-X

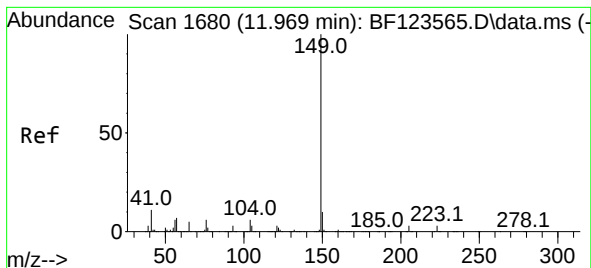
Tgt Ion:188	Resp:	742266
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.9 10.3
80	10.0	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion:248	Resp:	36251
Ion Ratio	Lower	Upper
248	100	
250	207.6	77.4 116.2#
141	636.3	63.7 95.5#

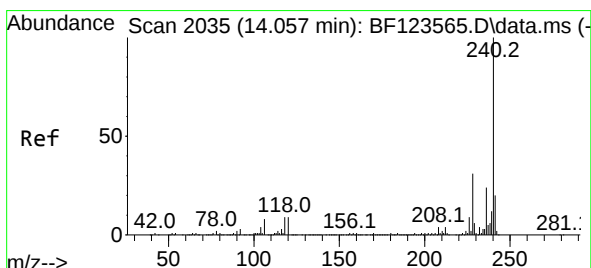
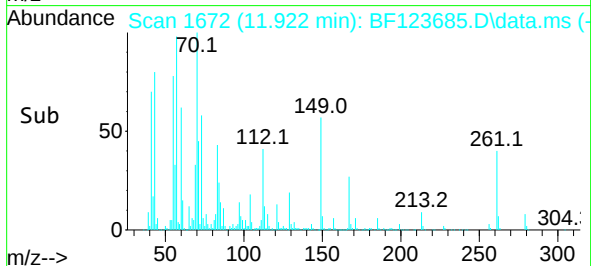
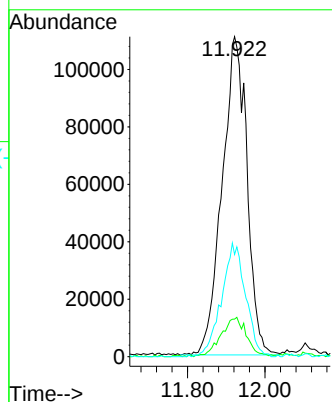
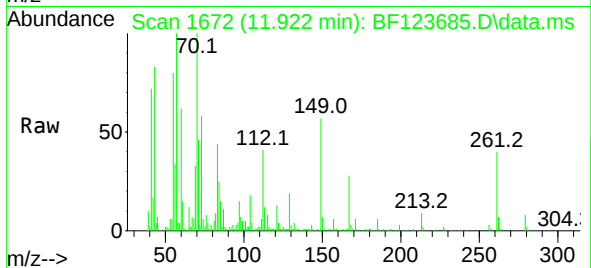




#74
Di-n-butylphthalate
Concen: 10.57 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.024 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

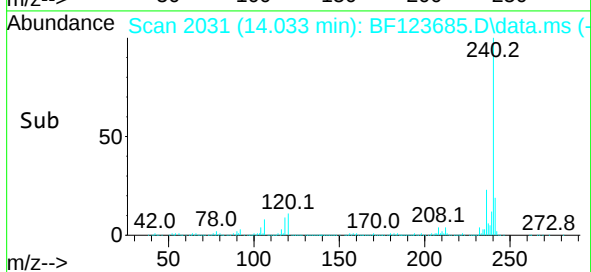
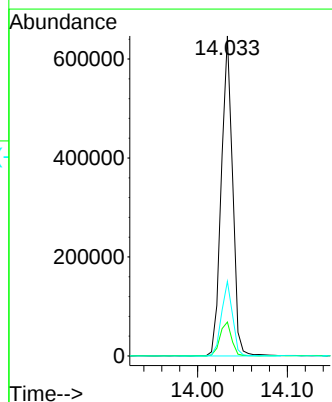
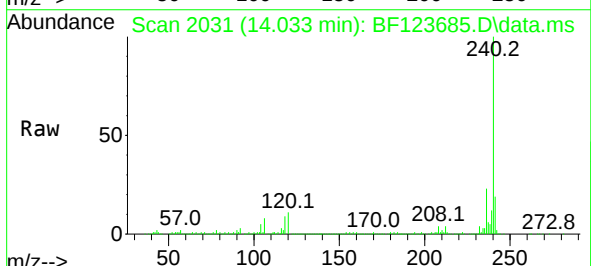
Instrument :
BNA_F
ClientSampleId :
GMW-X

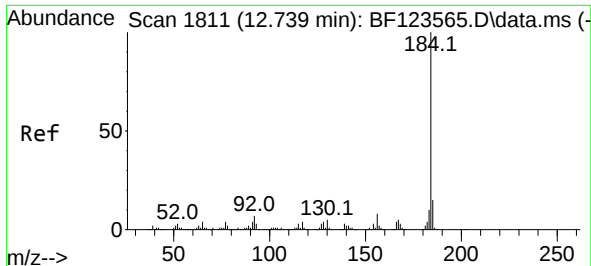
Tgt Ion:149 Resp: 494257
Ion Ratio Lower Upper
149 100
150 11.8 7.8 11.8#
104 31.9 4.6 6.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

Tgt Ion:240 Resp: 563919
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.3 19.0 28.4

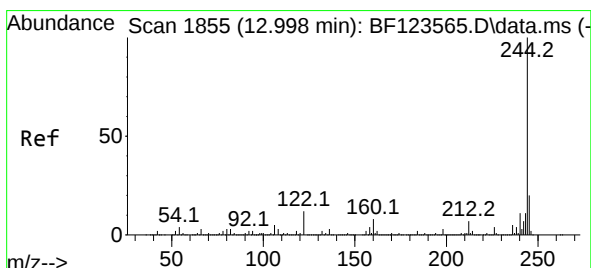
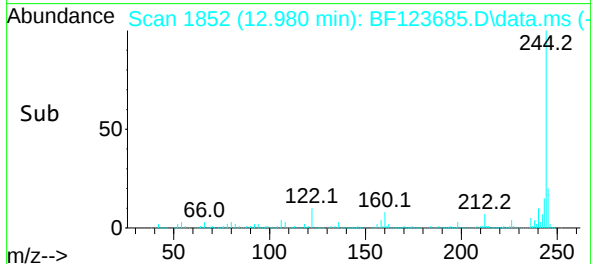
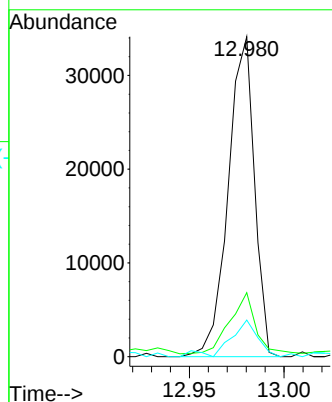
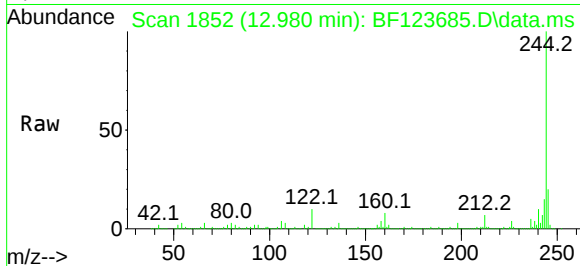




#77
Benzidine
Concen: 2.14 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

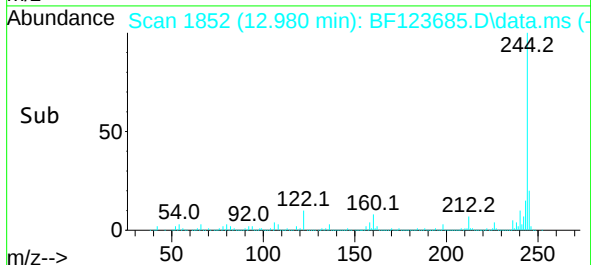
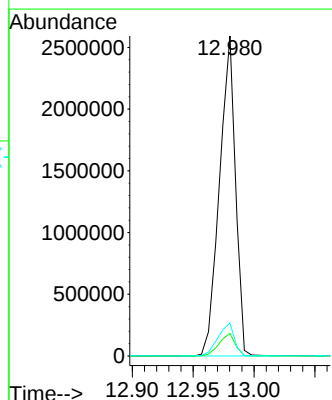
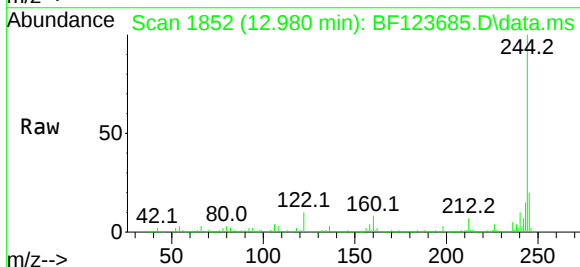
Instrument :
BNA_F
ClientSampled :
GMW-X

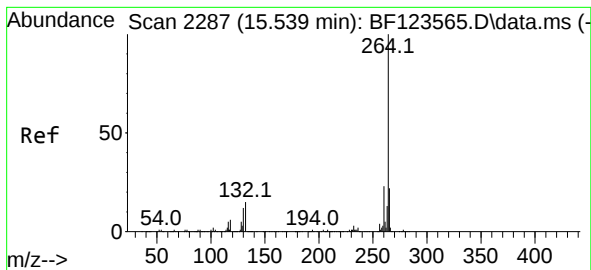
Tgt Ion:184 Resp: 32856
Ion Ratio Lower Upper
184 100
185 20.0 12.1 18.1#
183 11.5 7.8 11.8



#79
Terphenyl-d14
Concen: 82.06 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123685.D
Acq: 22 Apr 2021 11:14

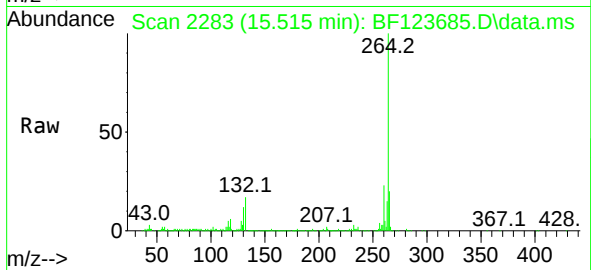
Tgt Ion:244 Resp: 2381023
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.3 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.012 min
 Lab File: BF123685.D
 Acq: 22 Apr 2021 11:14

Instrument :
 BNA_F
 ClientSampleId :
 GMW-X



Tgt Ion:264 Resp: 457643
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.0 17.8 26.8

