

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123688.D
 Acq On : 22 Apr 2021 12:51
 Operator : JU/CG
 Sample : M1998-03DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3CDL

Quant Time: Apr 22 13:26:10 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)

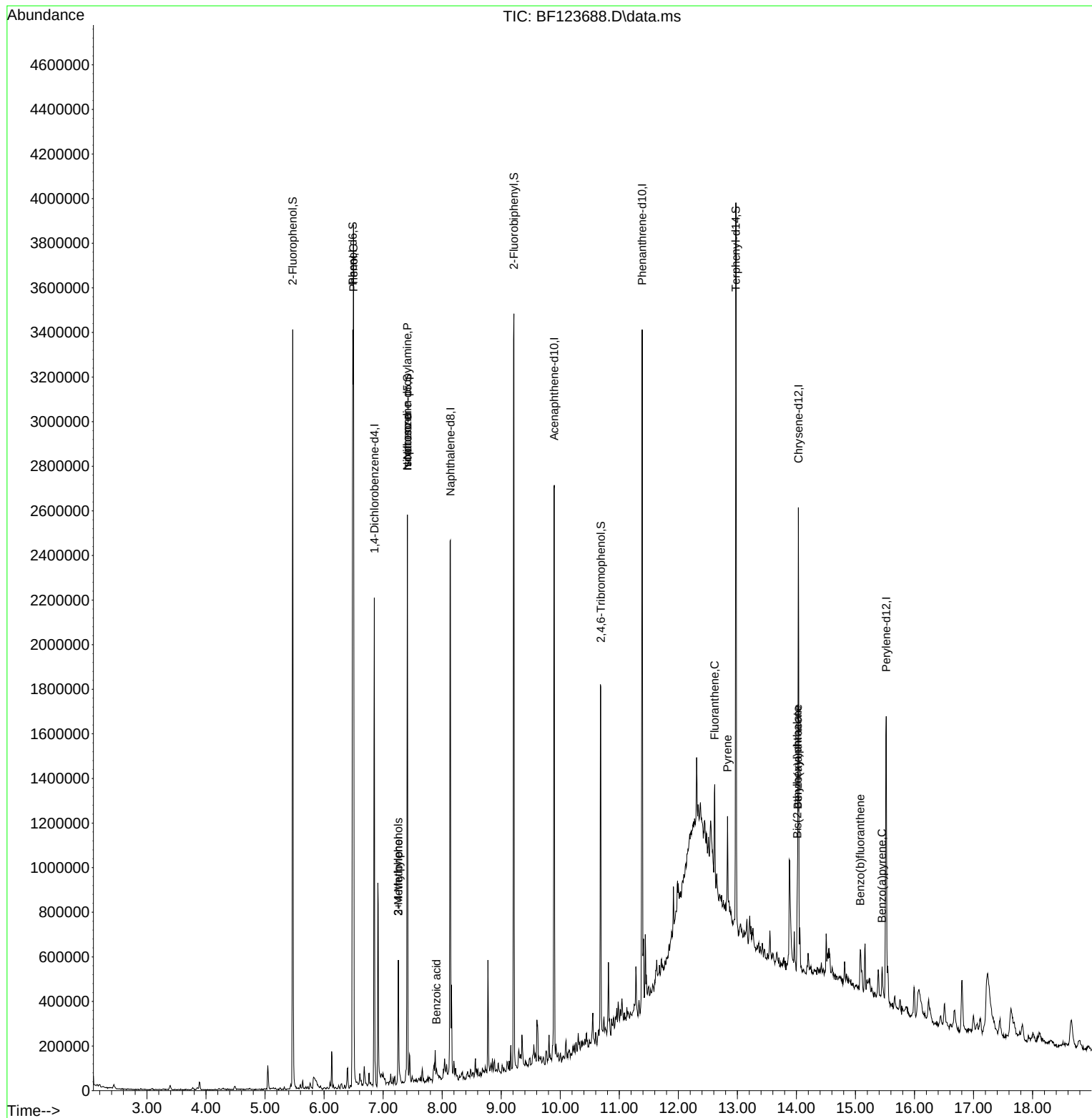
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	263229	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	1025264	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	522039	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1013594	20.00	ng	0.00
76) Chrysene-d12	14.033	240	667494	20.00	ng	0.00
86) Perylene-d12	15.521	264	614677	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	732009	44.95	ng	0.00
7) Phenol-d6	6.486	99	985090	43.65	ng	0.00
23) Nitrobenzene-d5	7.410	82	689037	30.90	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	186599	31.57	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1006171	28.73	ng	0.00
79) Terphenyl-d14	12.974	244	1033274	30.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	899138	37.51	ng	97
17) 2-Methylphenol	7.257	107	126913	8.44	ng	# 72
19) n-Nitroso-di-n-propyla...	7.410	70	92350	6.18	ng	# 75
20) 3+4-Methylphenols	7.257	107	126913	6.62	ng	# 65
25) Isophorone	7.410	82	681954	15.76	ng	# 69
32) Benzoic acid	7.904	122	8866	5.36	ng	# 37
75) Fluoranthene	12.615	202	178767	3.07	ng	97
78) Pyrene	12.833	202	168909	3.47	ng	97
81) Benzo(a)anthracene	14.021	228	81874	2.00	ng	95
84) Bis(2-ethylhexyl)phtha...	14.015	149	79812	2.62	ng	100
88) Benzo(b)fluoranthene	15.080	252	129418	2.98	ng	# 90
90) Benzo(a)pyrene	15.451	252	70010	2.03	ng	# 94

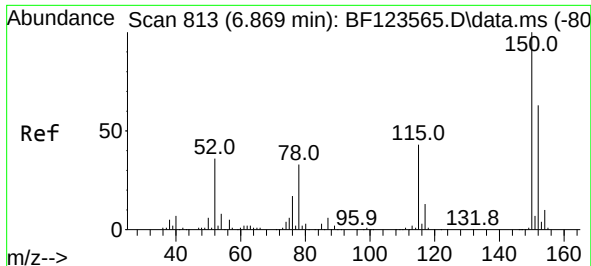
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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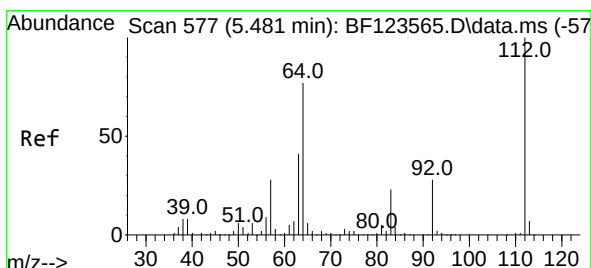
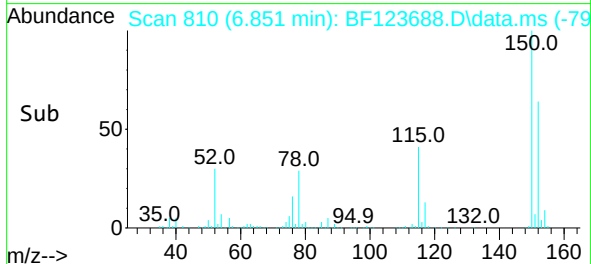
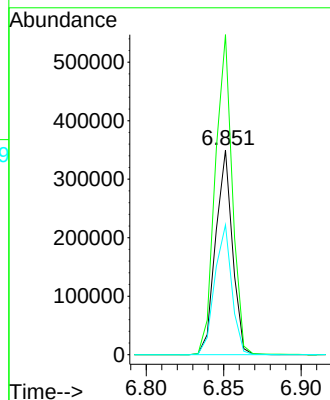
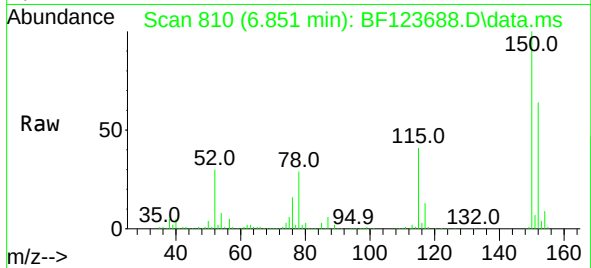




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

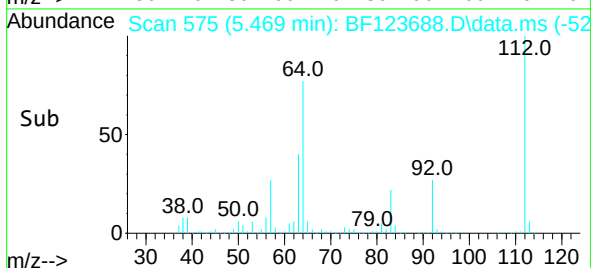
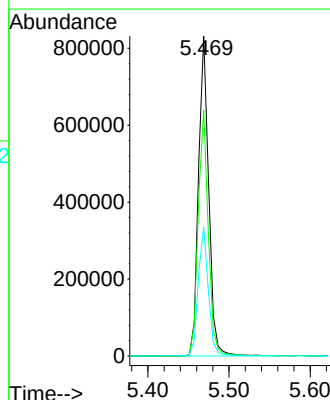
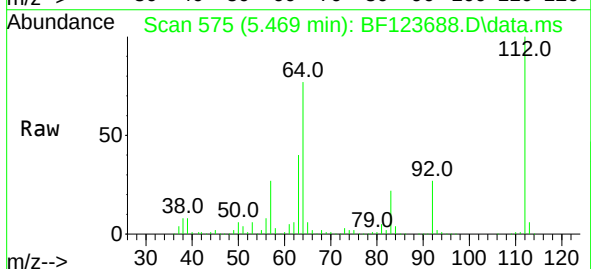
Instrument :
BNA_F
ClientSampled :
SB-3CDL

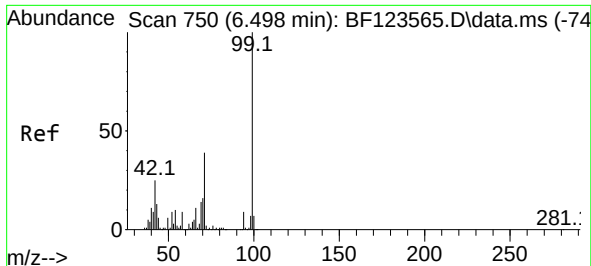
Tgt Ion:152 Resp: 263229
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 63.4 54.3 81.5



#5
2-Fluorophenol
Concen: 44.95 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:112 Resp: 732009
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 40.3 33.0 49.4

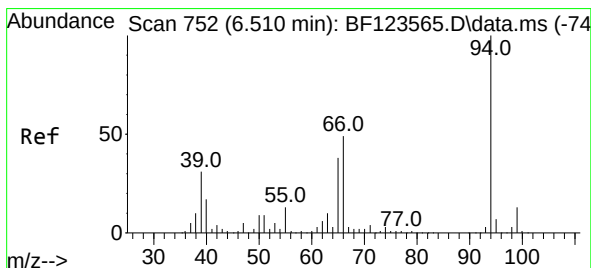
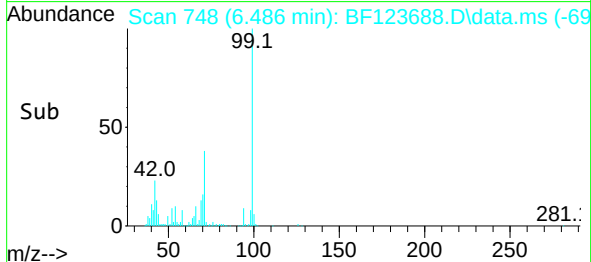
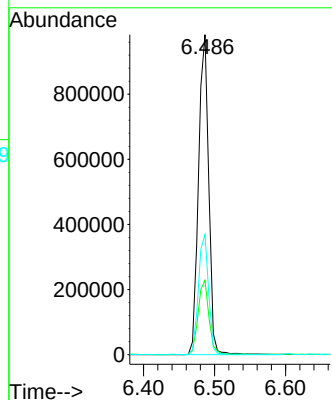
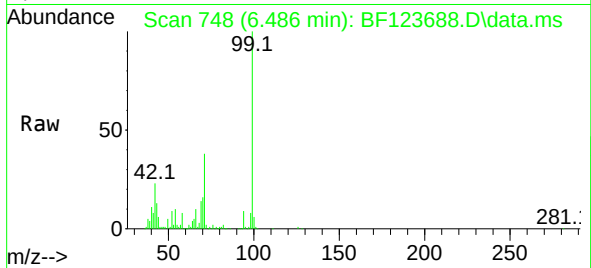




#7
Phenol-d6
Concen: 43.65 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

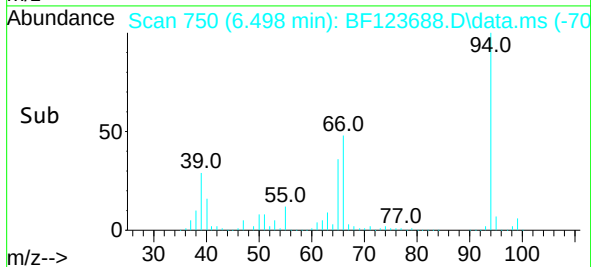
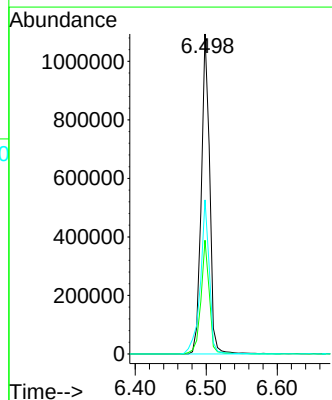
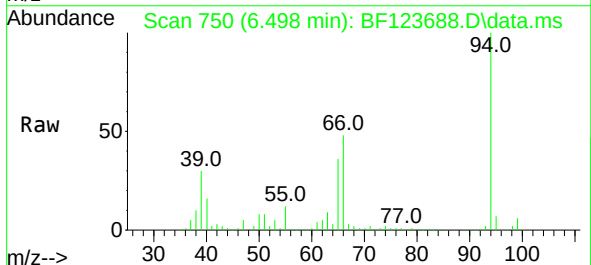
Instrument :
BNA_F
ClientSampleId :
SB-3CDL

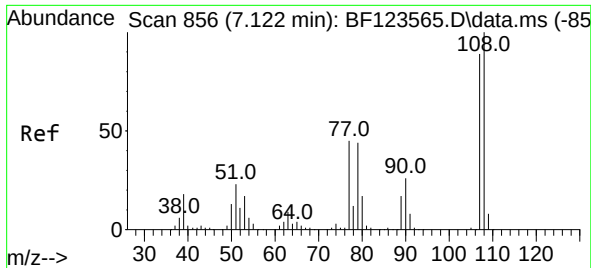
Tgt Ion: 99 Resp: 985090
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 37.6 31.1 46.7



#10
Phenol
Concen: 37.51 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion: 94 Resp: 899138
Ion Ratio Lower Upper
94 100
65 35.5 18.1 58.1
66 48.1 29.0 69.0



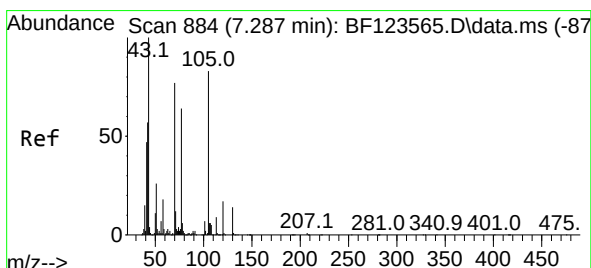
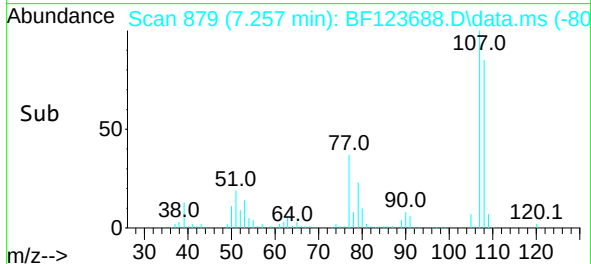
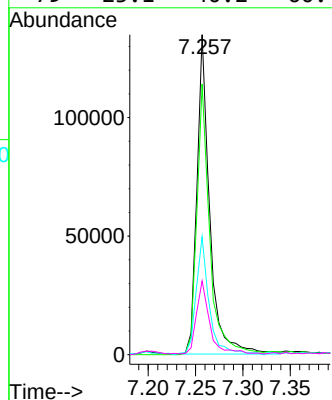
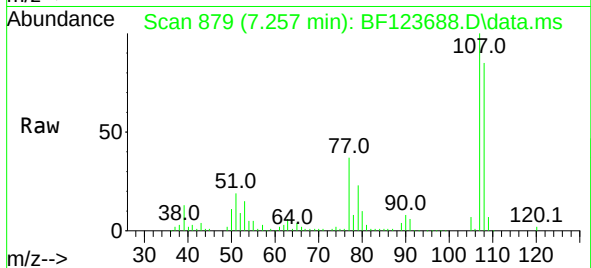


#17
2-Methylphenol
Concen: 8.44 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Instrument :
BNA_F
ClientSampleId :
SB-3CDL

Tgt Ion: 107 Resp: 126913

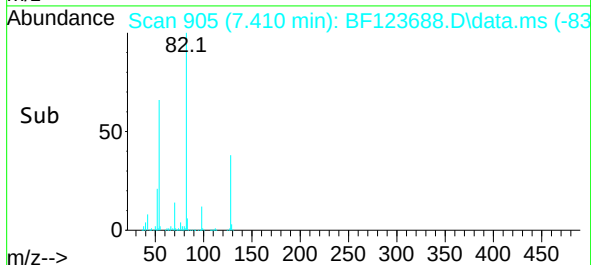
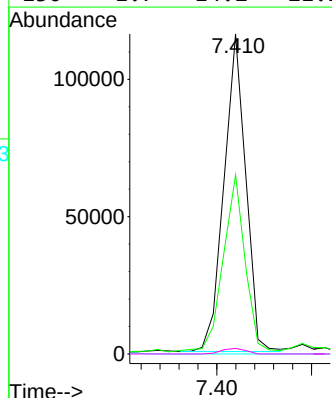
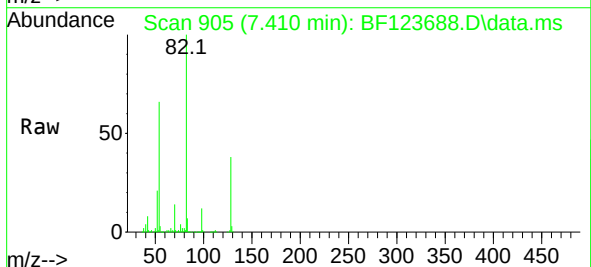
Ion	Ratio	Lower	Upper
107	100		
108	84.6	89.8	134.8#
77	36.8	40.9	61.3#
79	23.1	40.2	60.4#

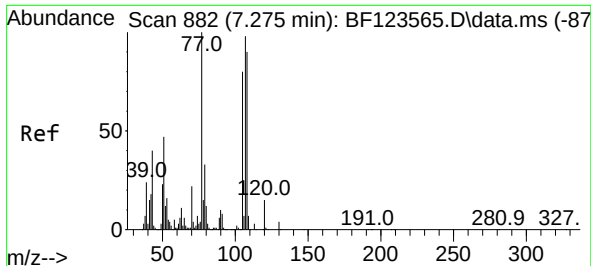


#19
n-Nitroso-di-n-propylamine
Concen: 6.18 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion: 70 Resp: 92350

Ion	Ratio	Lower	Upper
70	100		
42	55.9	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#





#20

3+4-Methylphenols

Concen: 6.62 ng

RT: 7.257 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF123688.D

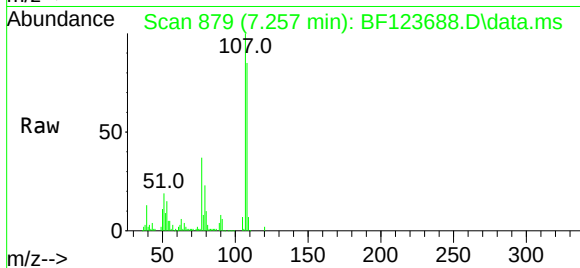
Acq: 22 Apr 2021 12:51

Instrument :

BNA_F

ClientSampleId :

SB-3CDL



Tgt Ion:107 Resp: 126913

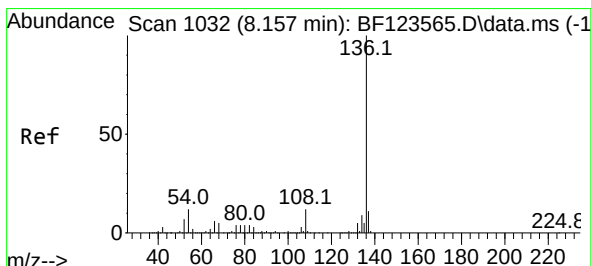
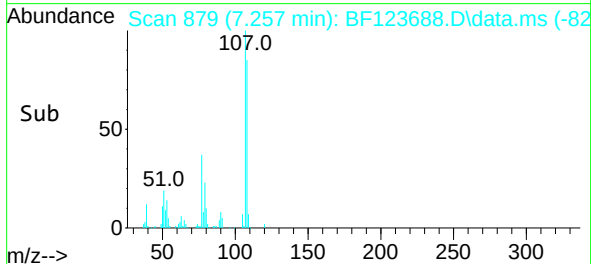
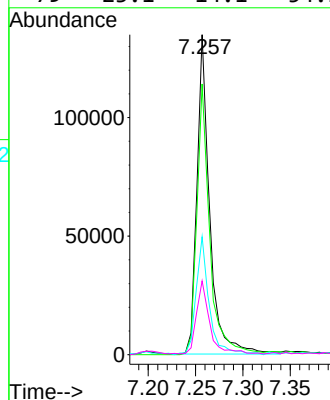
Ion Ratio Lower Upper

107 100

108 84.6 71.5 111.5

77 36.8 82.0 122.0#

79 23.1 14.1 54.1



#21

Napthalene-d8

Concen: 20.00 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BF123688.D

Acq: 22 Apr 2021 12:51

Tgt Ion:136 Resp: 1025264

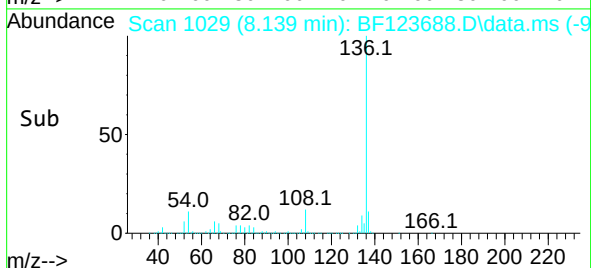
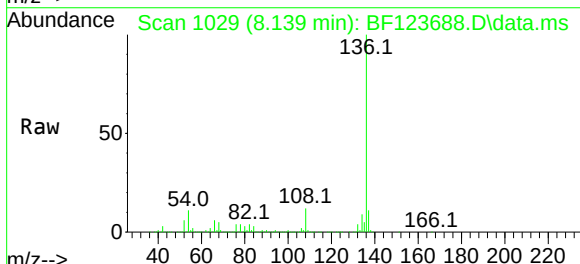
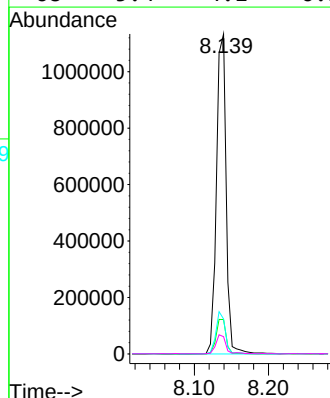
Ion Ratio Lower Upper

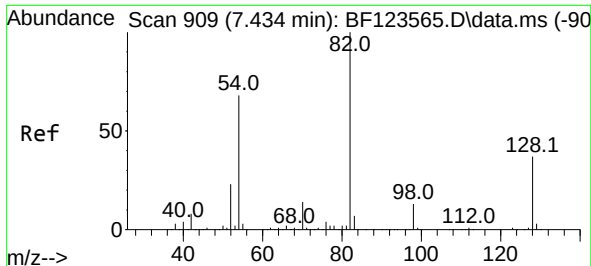
136 100

137 10.8 8.7 13.1

54 11.0 9.8 14.6

68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 30.90 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123688.D

Acq: 22 Apr 2021 12:51

Tgt Ion: 82 Resp: 689037

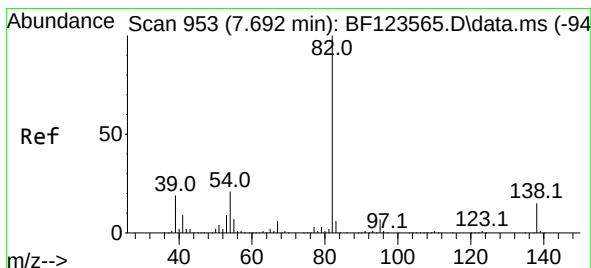
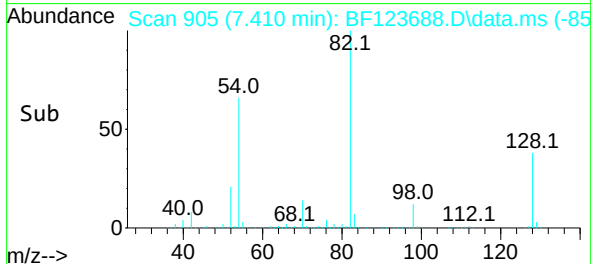
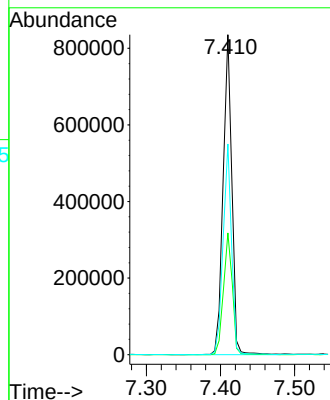
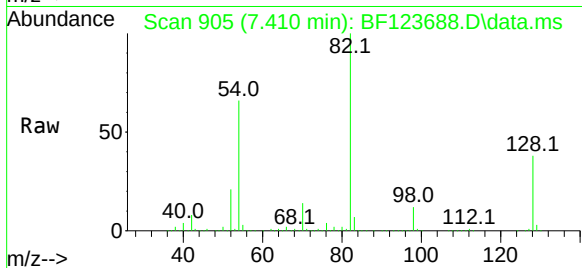
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	65.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-3CDL



#25

Isophorone

Concen: 15.76 ng

RT: 7.410 min Scan# 905

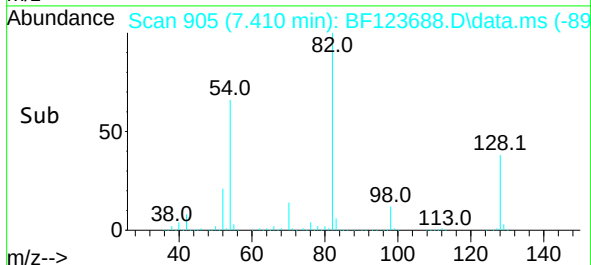
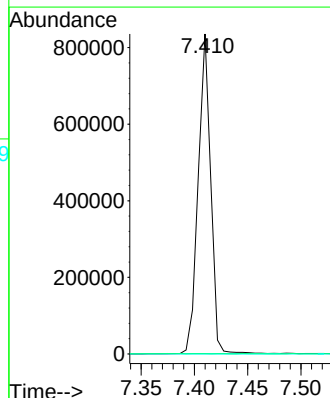
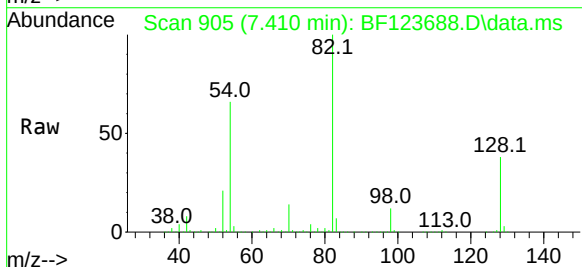
Delta R.T. -0.265 min

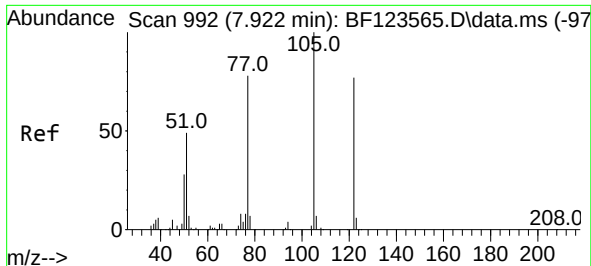
Lab File: BF123688.D

Acq: 22 Apr 2021 12:51

Tgt Ion: 82 Resp: 681954

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

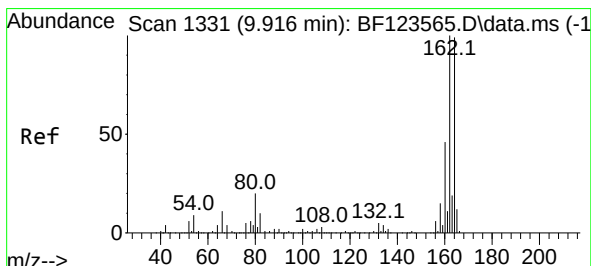
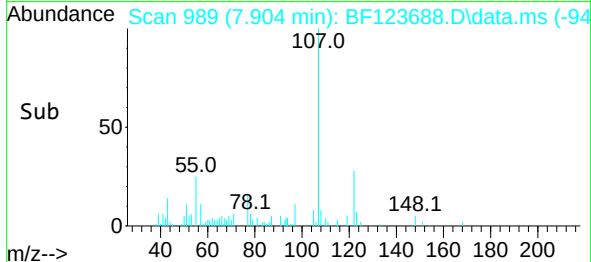
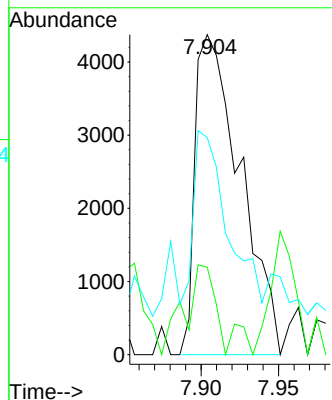
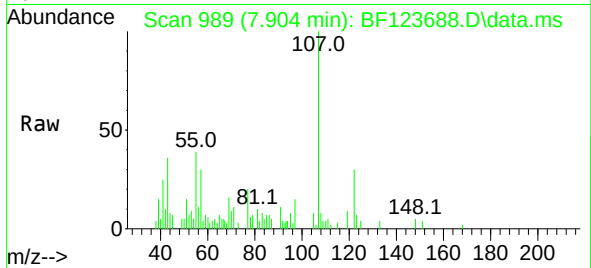




#32
Benzoic acid
Concen: 5.36 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

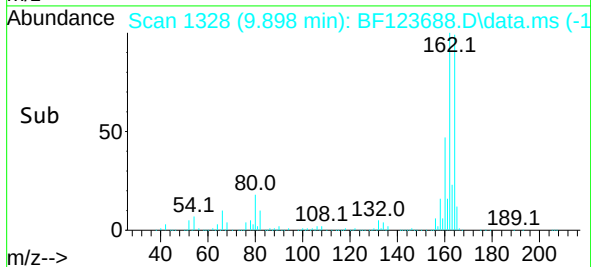
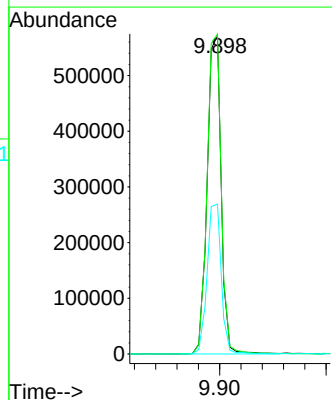
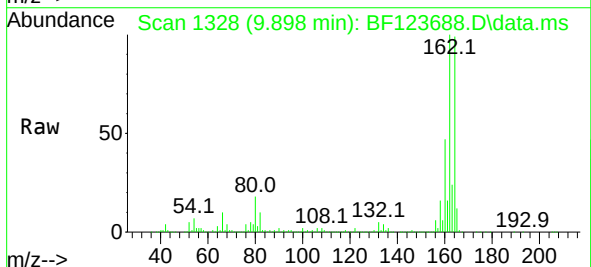
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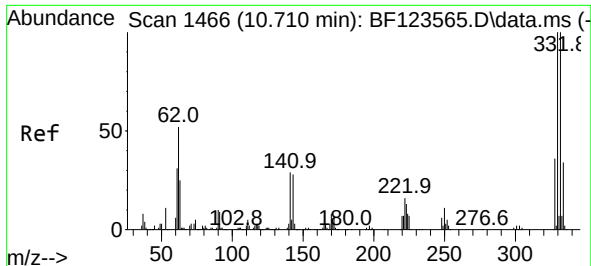
Tgt Ion:122 Resp: 8866
Ion Ratio Lower Upper
122 100
105 27.4 107.8 147.8#
77 67.9 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:164 Resp: 522039
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 47.1 37.3 55.9

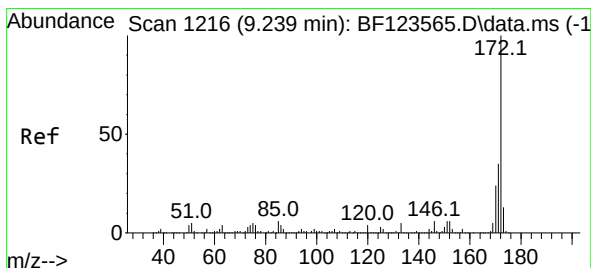
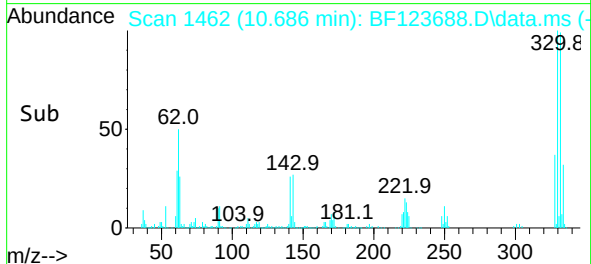
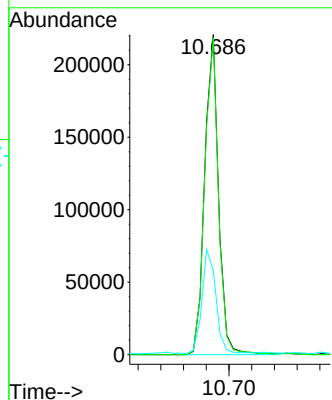
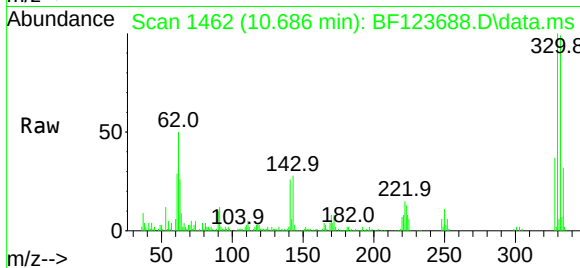




#42
2,4,6-Tribromophenol
Concen: 31.57 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

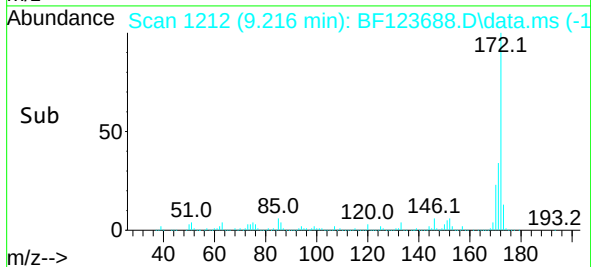
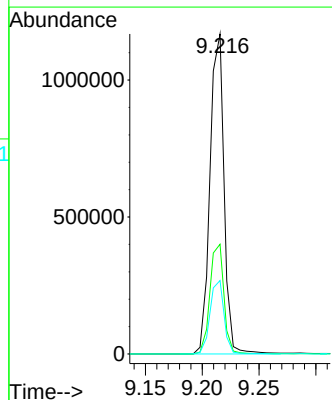
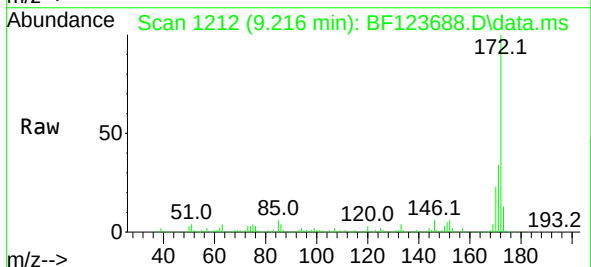
Instrument :
BNA_F
ClientSampleId :
SB-3CDL

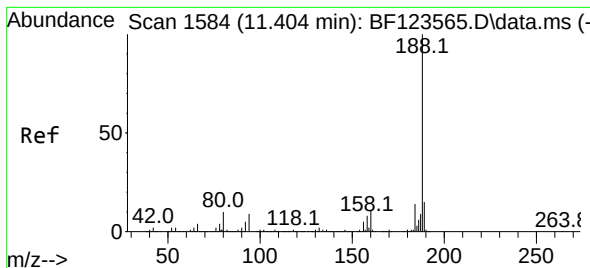
Tgt Ion: 330 Resp: 186599
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 32.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 28.73 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion: 172 Resp: 1006171
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.9 19.2 28.8

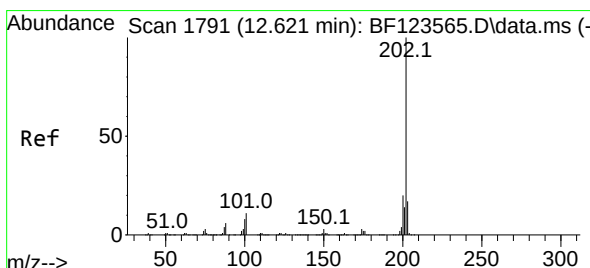
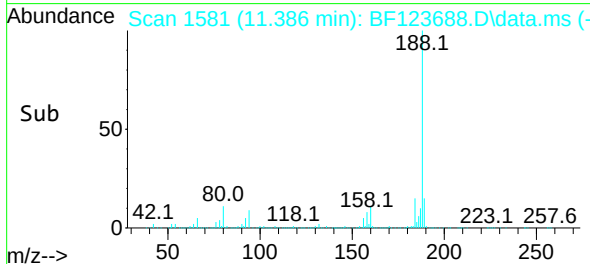
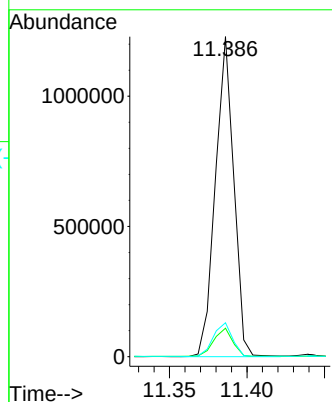
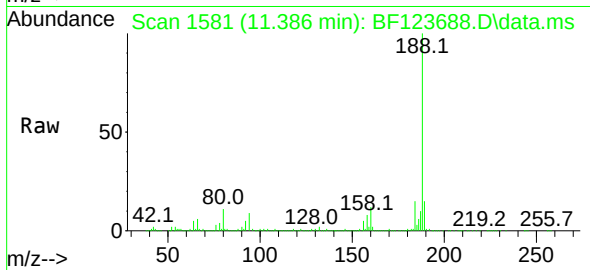




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

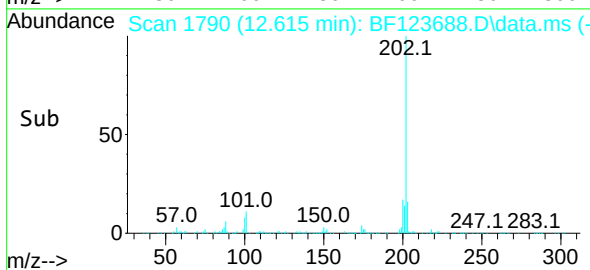
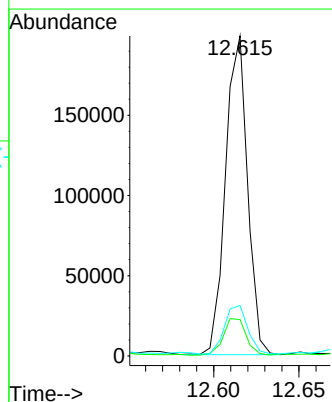
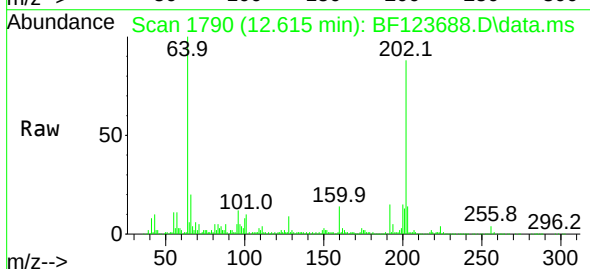
Instrument :
BNA_F
ClientSampleId :
SB-3CDL

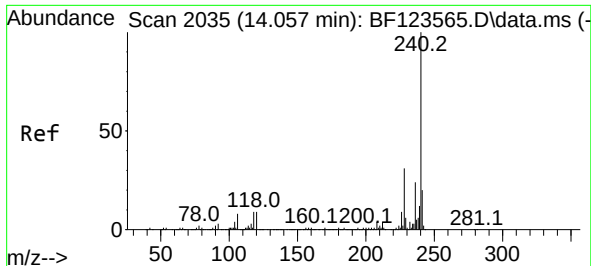
Tgt Ion:188 Resp: 1013594
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.6 8.2 12.2



#75
Fluoranthene
Concen: 3.07 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:202 Resp: 178767
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.9
203 15.8 0.0 37.5

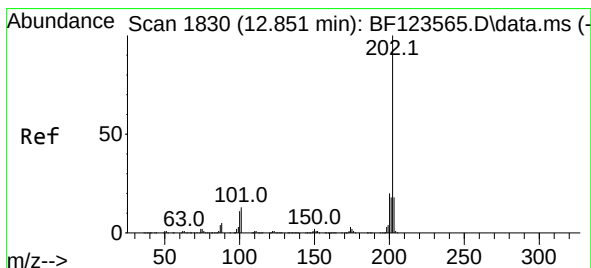
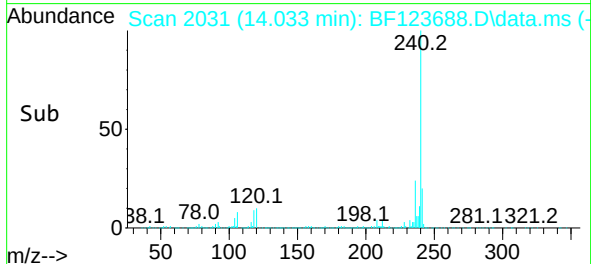
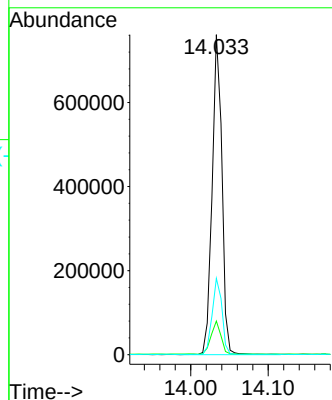
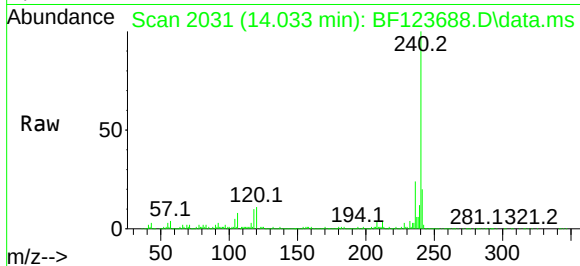




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

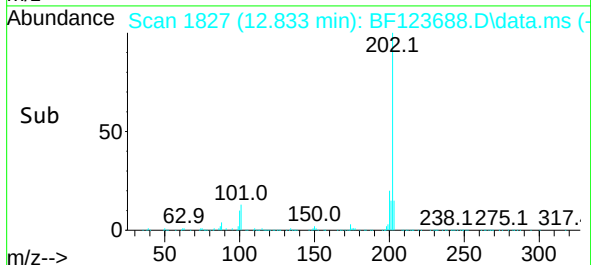
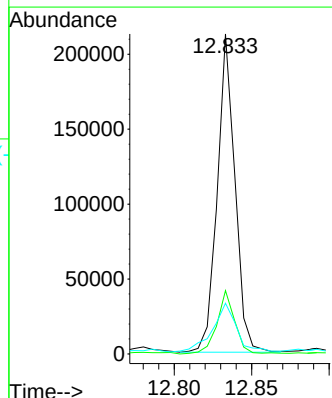
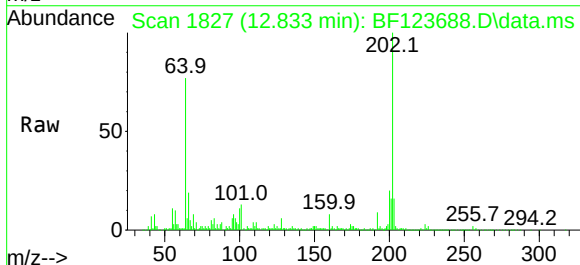
Instrument :
BNA_F
ClientSampleId :
SB-3CDL

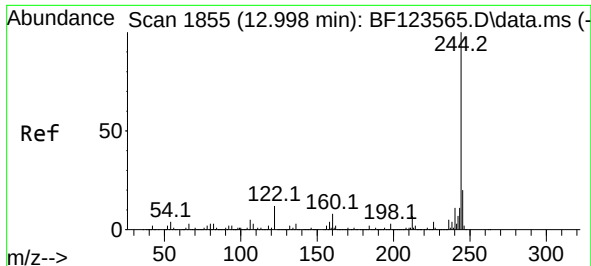
Tgt Ion:240 Resp: 667494
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 23.8 19.0 28.4



#78
Pyrene
Concen: 3.47 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:202 Resp: 168909
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 15.9 14.8 22.2

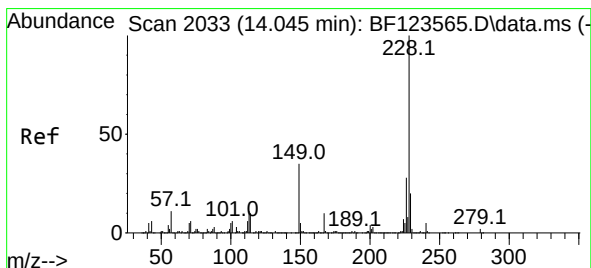
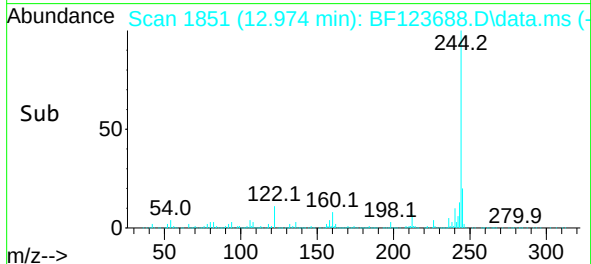
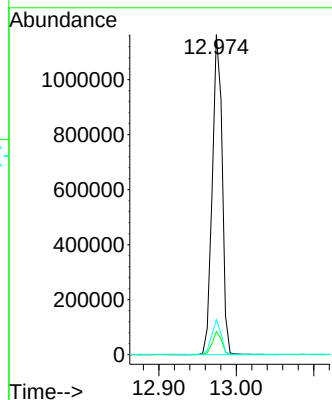
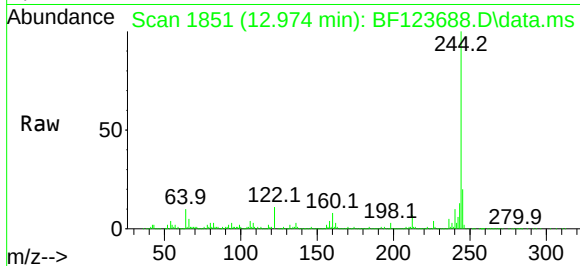




#79
 Terphenyl-d14
 Concen: 30.09 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF123688.D
 Acq: 22 Apr 2021 12:51

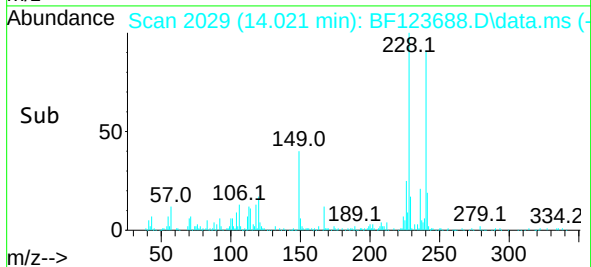
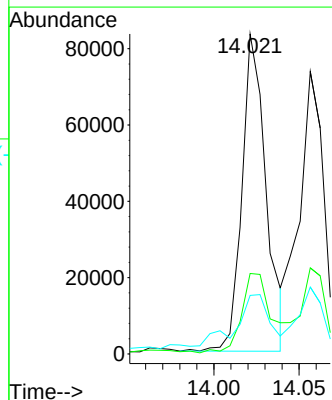
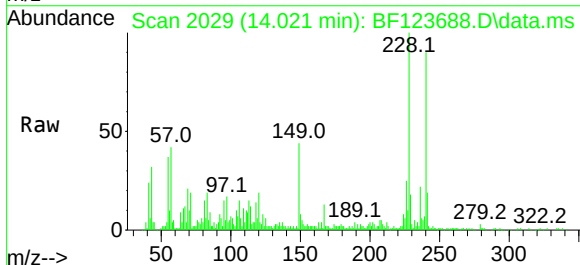
Instrument :
 BNA_F
 ClientSampled :
 SB-3CDL

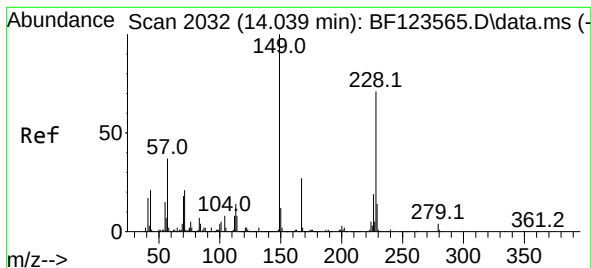
Tgt Ion:244 Resp: 1033274
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.0 9.7 14.5



#81
 Benzo(a)anthracene
 Concen: 2.00 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF123688.D
 Acq: 22 Apr 2021 12:51

Tgt Ion:228 Resp: 81874
 Ion Ratio Lower Upper
 228 100
 226 25.1 22.4 33.6
 229 18.3 16.0 24.0

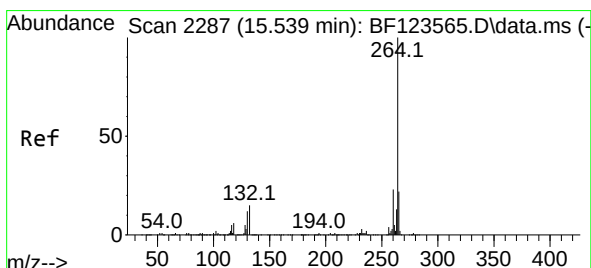
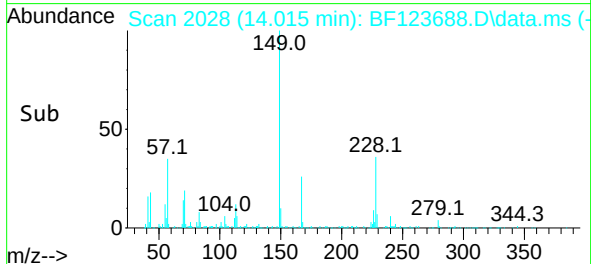
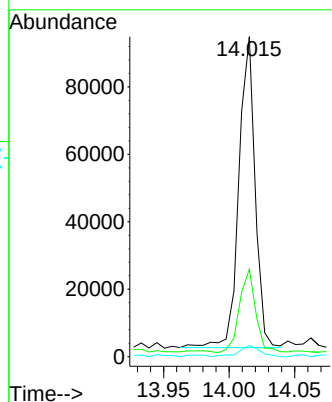
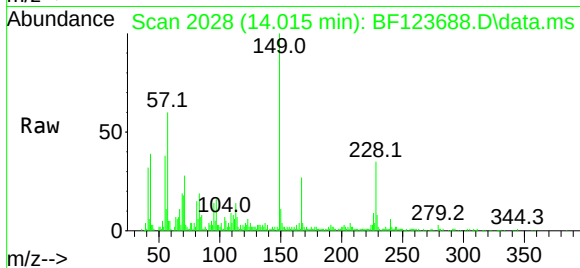




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.62 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

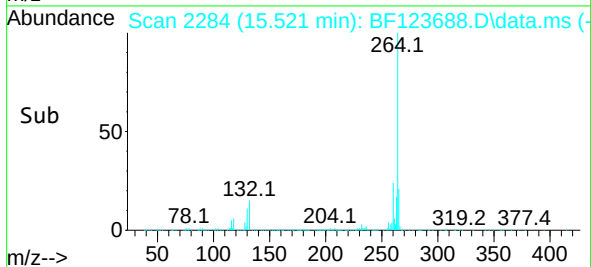
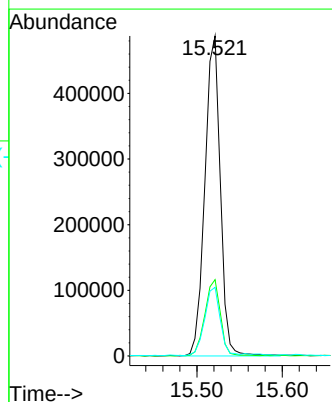
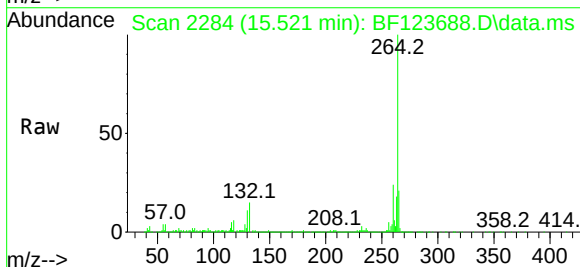
Instrument :
BNA_F
ClientSampleId :
SB-3CDL

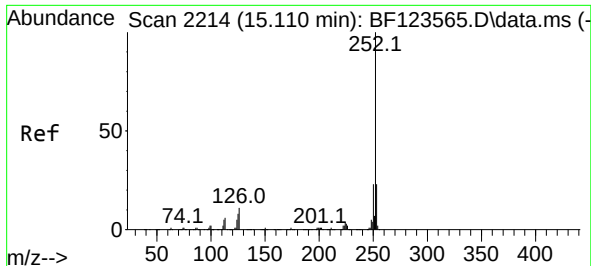
Tgt Ion:149 Resp: 79812
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 3.5 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.017 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:264 Resp: 614677
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.5 17.8 26.8

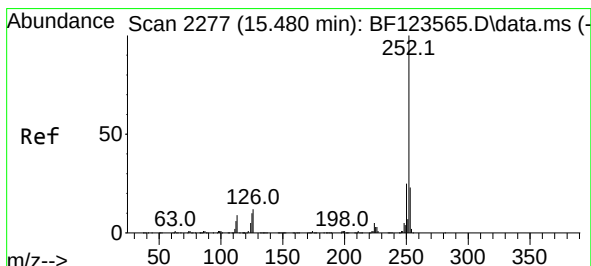
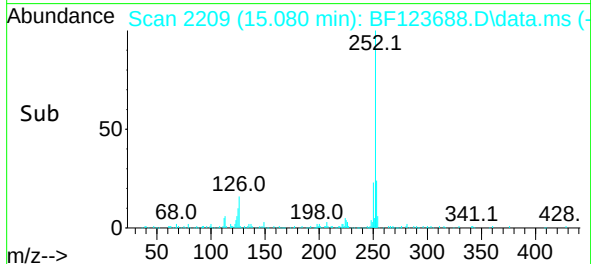
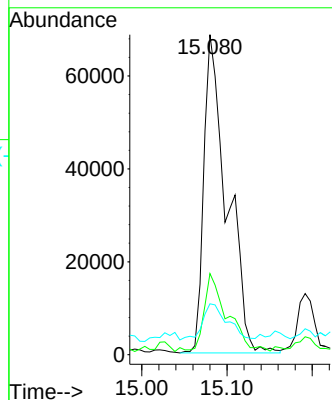
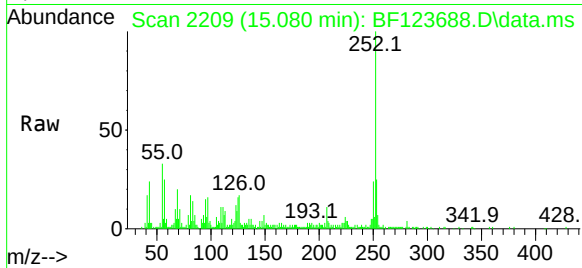




#88
Benzo(b)fluoranthene
Concen: 2.98 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Instrument :
BNA_F
ClientSampleId :
SB-3CDL

Tgt Ion:252 Resp: 129418
Ion Ratio Lower Upper
252 100
253 25.3 18.1 27.1
125 15.9 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 2.03 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF123688.D
Acq: 22 Apr 2021 12:51

Tgt Ion:252 Resp: 70010
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 16.4 8.0 12.0#

