

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123673.D
 Acq On : 21 Apr 2021 18:28
 Operator : JU/CG
 Sample : M1998-02DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3BDL

Quant Time: Apr 22 00:55:45 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)

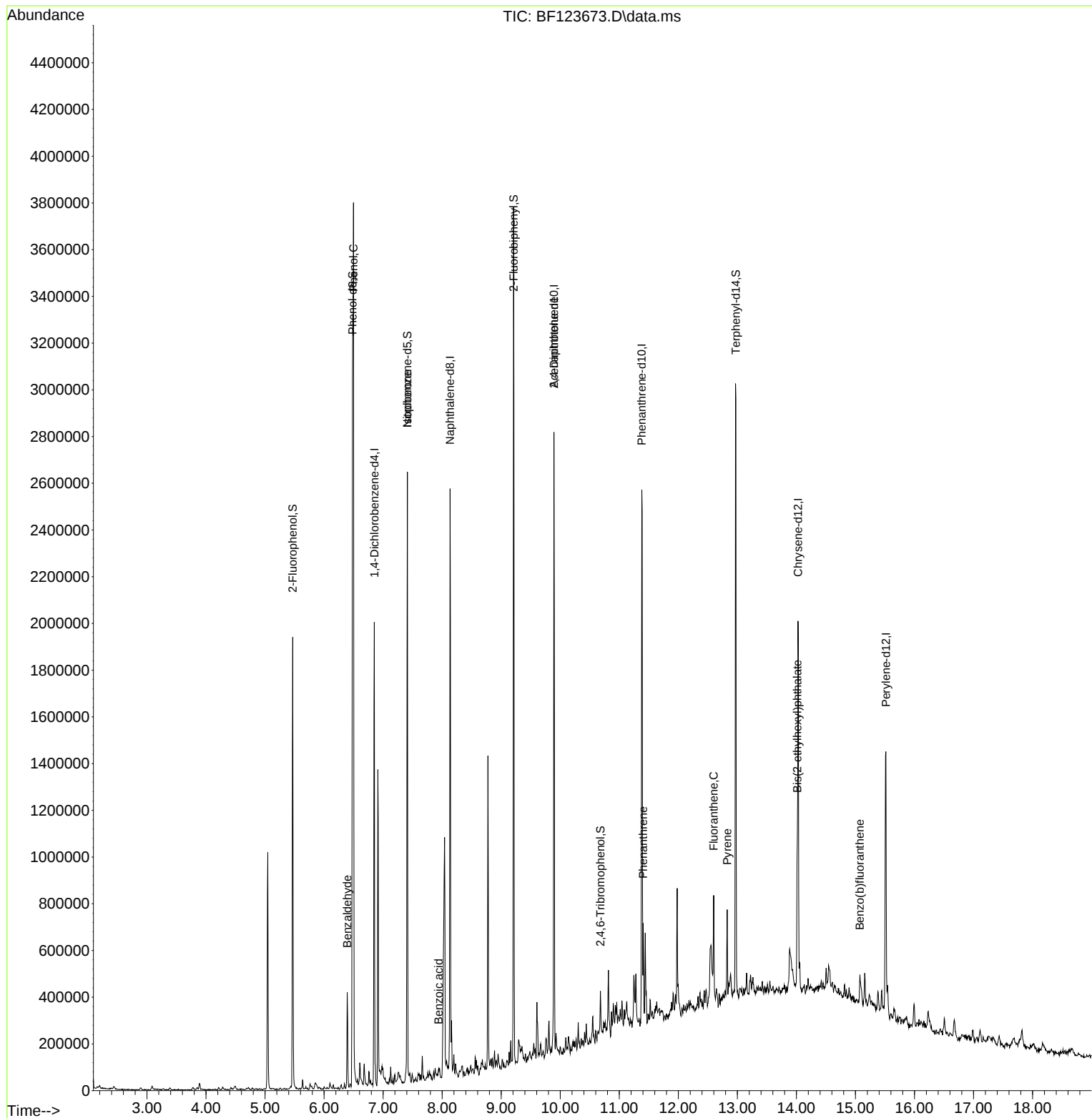
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	248112	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	965704	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	473265	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	863401	20.00	ng	# 0.00
76) Chrysene-d12	14.027	240	544324	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	545221	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	428312	27.90	ng	0.00
7) Phenol-d6	6.481	99	967031	45.46	ng	-0.01
23) Nitrobenzene-d5	7.410	82	701969	33.42	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	18850	3.52	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1004099	31.63	ng	0.00
79) Terphenyl-d14	12.974	244	894950	31.95	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	68127	4.91	ng	98
10) Phenol	6.498	94	890136	39.40	ng	95
25) Isophorone	7.410	82	698328	17.13	ng	# 69
32) Benzoic acid	7.939	122	11458	5.66	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	63355	6.61	ng	# 17
71) Phenanthrene	11.404	178	130704	2.90	ng	97
75) Fluoranthene	12.598	202	143590	2.90	ng	99
78) Pyrene	12.827	202	143145	3.60	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	127361	5.13	ng	98
88) Benzo(b)fluoranthene	15.074	252	81955	2.13	ng	# 92

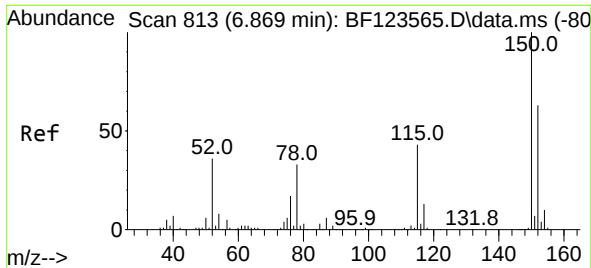
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123673.D
Acq On : 21 Apr 2021 18:28
Operator : JU/CG
Sample : M1998-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3BDL

Quant Time: Apr 22 00:55:45 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

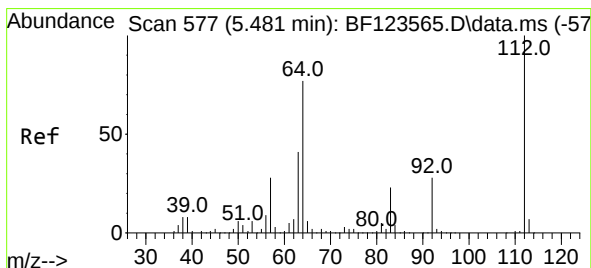
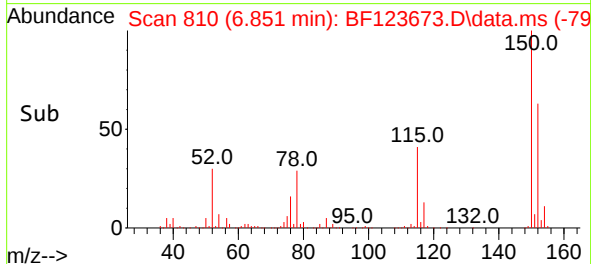
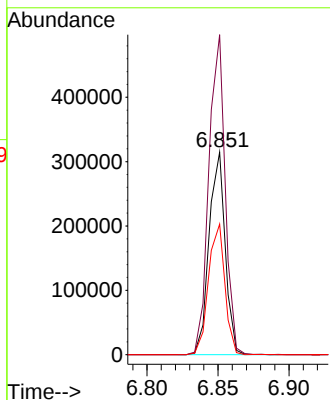
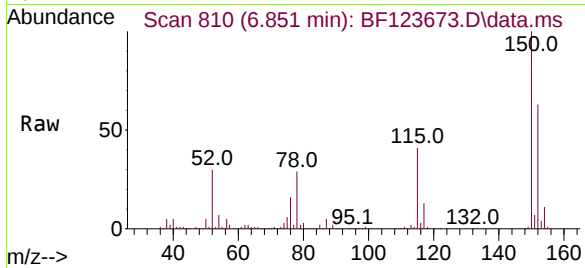




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

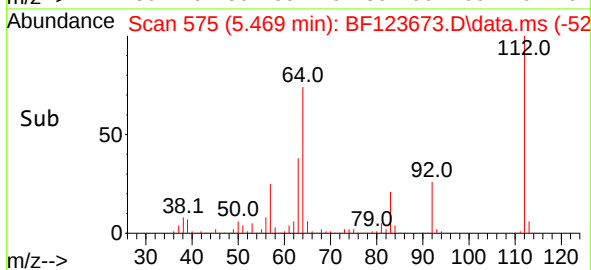
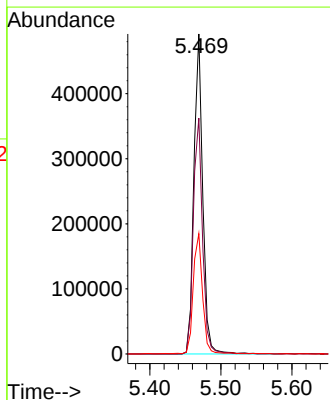
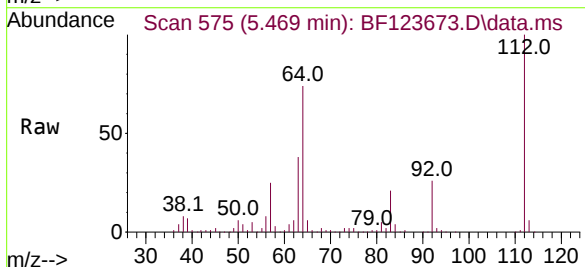
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

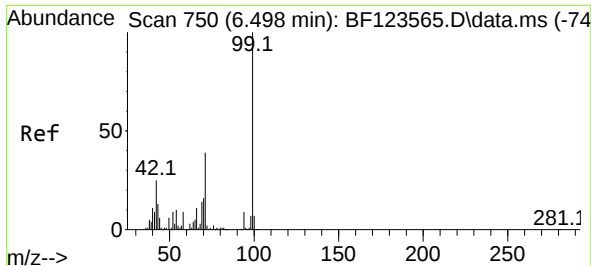
Tgt Ion:152 Resp: 248112
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.5 54.3 81.5



#5
2-Fluorophenol
Concen: 27.90 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion:112 Resp: 428312
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 37.6 33.0 49.4

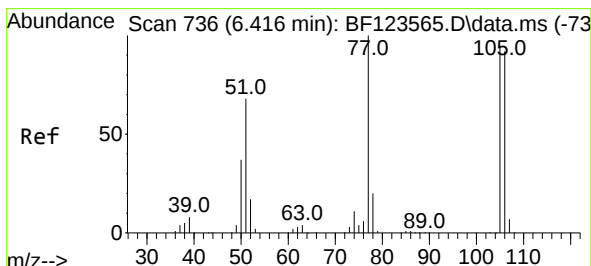
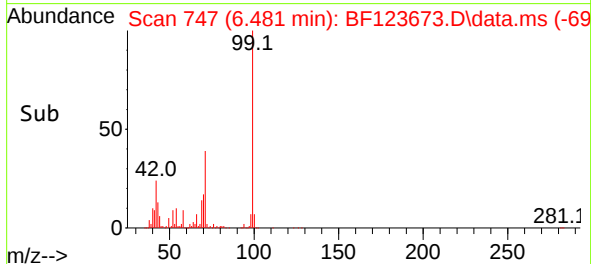
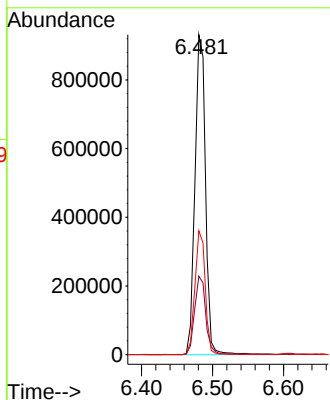
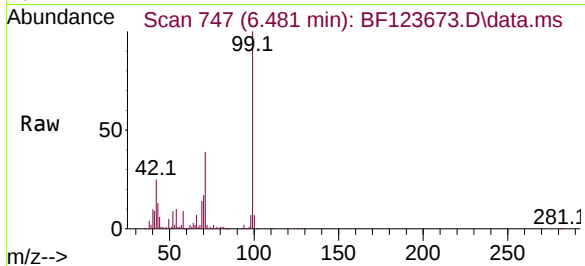




#7
Phenol-d6
Concen: 45.46 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

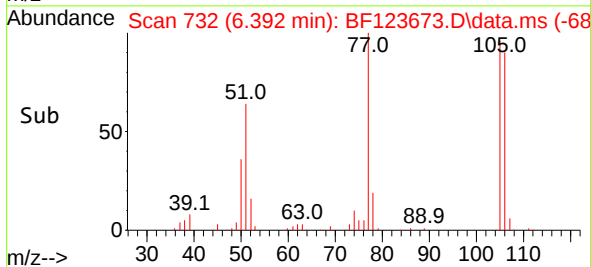
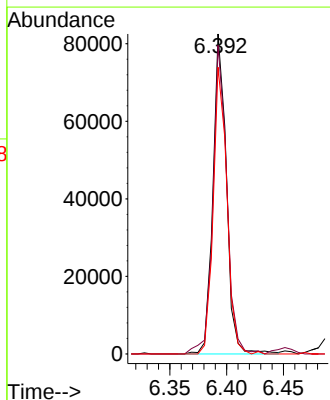
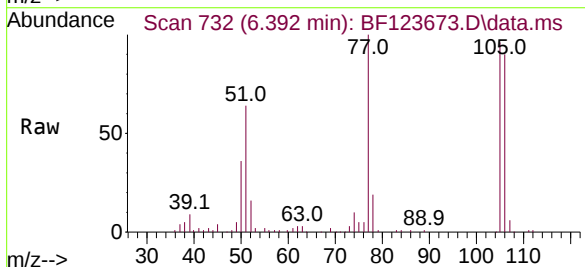
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

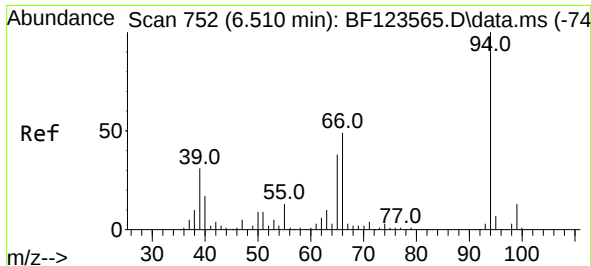
Tgt Ion: 99 Resp: 967031
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 38.7 31.1 46.7



#9
Benzaldehyde
Concen: 4.91 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion: 77 Resp: 68127
Ion Ratio Lower Upper
77 100
105 96.5 75.2 115.2
106 89.6 71.6 111.6

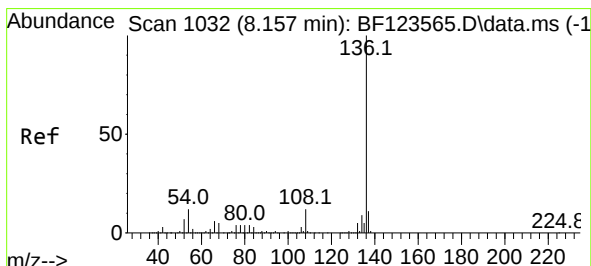
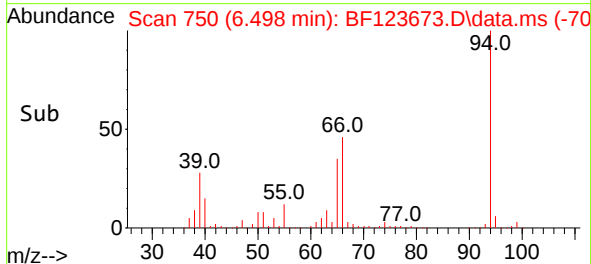
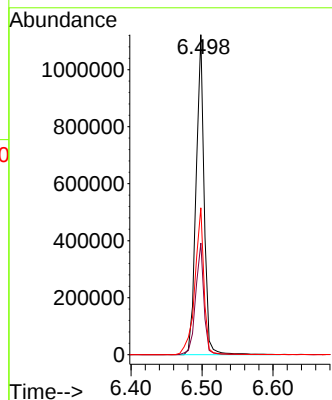
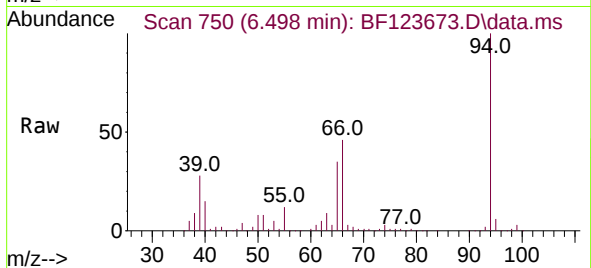




#10
Phenol
Concen: 39.40 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

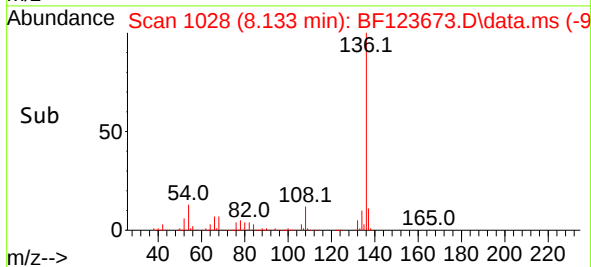
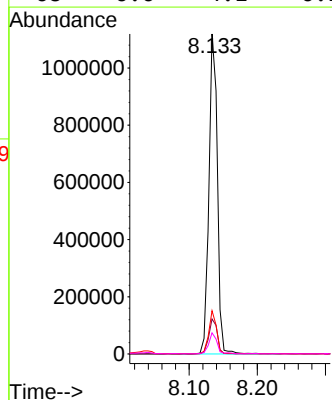
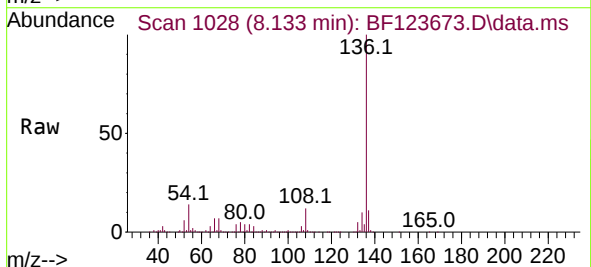
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

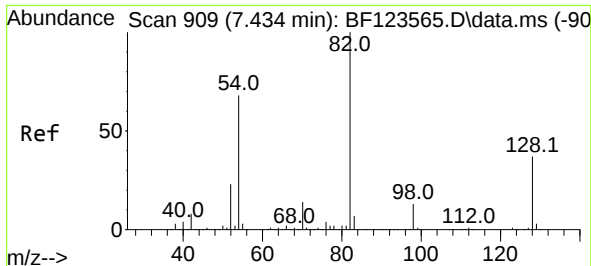
Tgt Ion: 94 Resp: 890136
Ion Ratio Lower Upper
94 100
65 34.9 18.1 58.1
66 45.9 29.0 69.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion: 136 Resp: 965704
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 13.5 9.8 14.6
68 6.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 33.42 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123673.D

Acq: 21 Apr 2021 18:28

Tgt Ion: 82 Resp: 701969

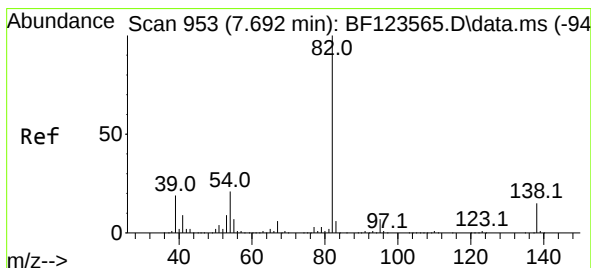
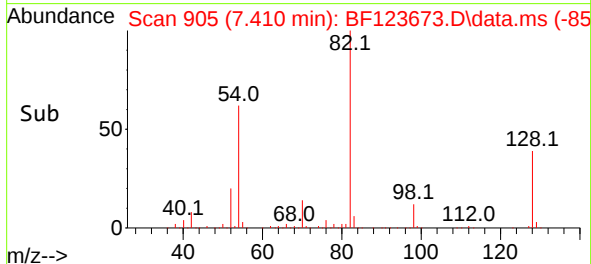
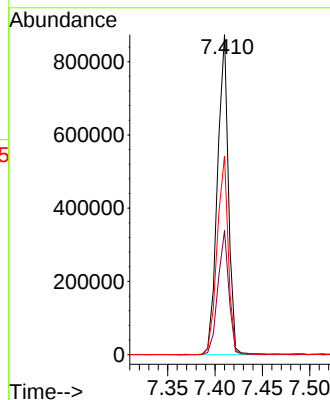
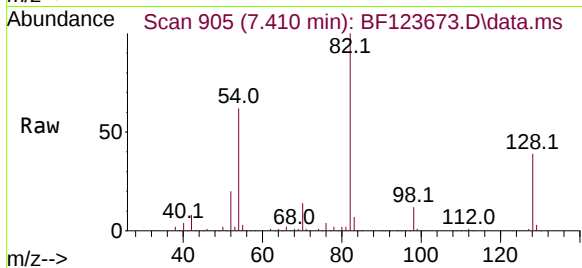
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	62.1	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-3BDL



#25

Isophorone

Concen: 17.13 ng

RT: 7.410 min Scan# 905

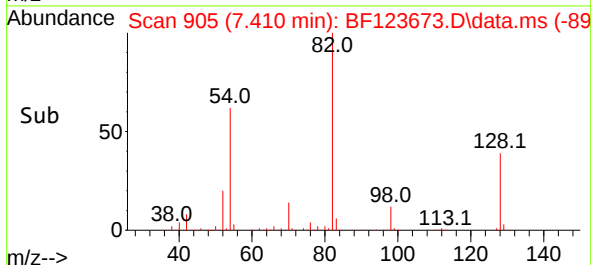
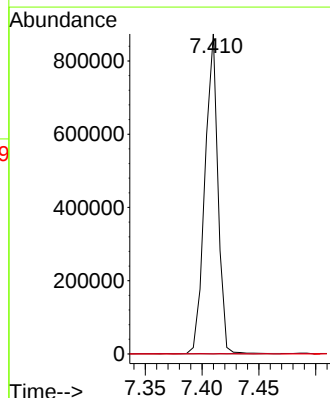
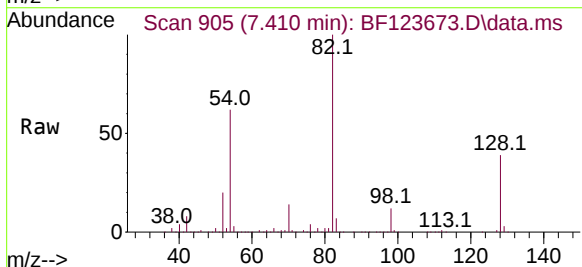
Delta R.T. -0.265 min

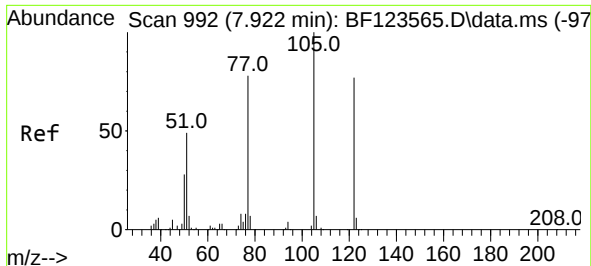
Lab File: BF123673.D

Acq: 21 Apr 2021 18:28

Tgt Ion: 82 Resp: 698328

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

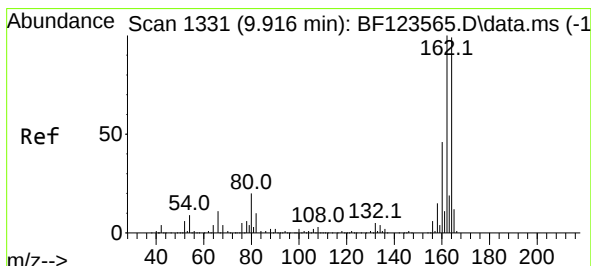
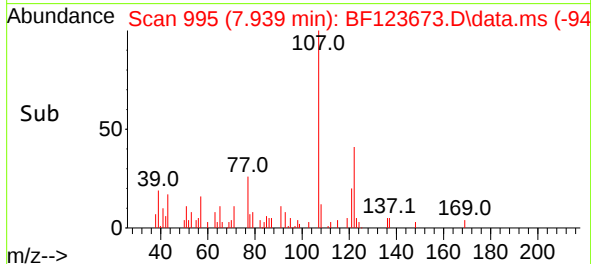
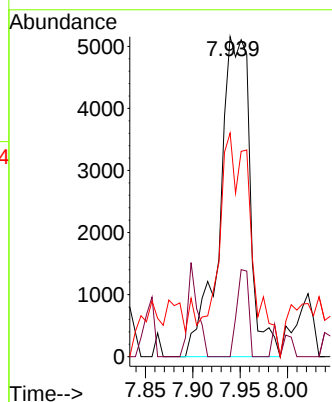
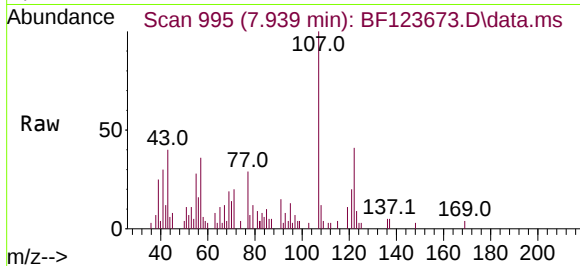




#32
Benzoic acid
Concen: 5.66 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.023 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

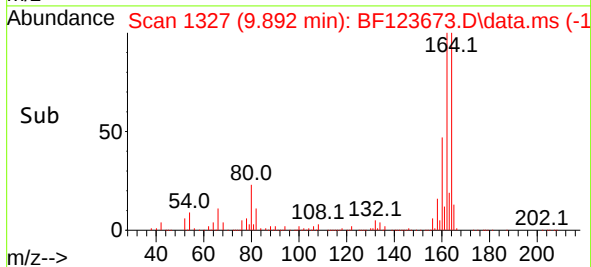
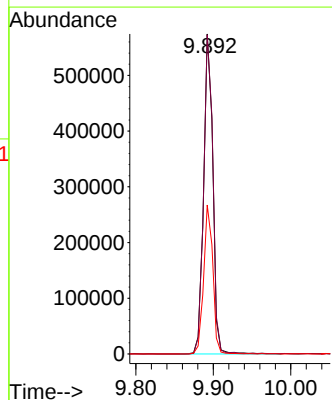
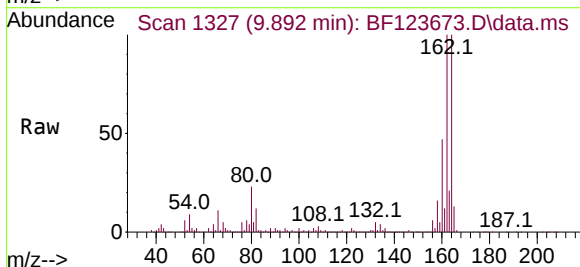
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

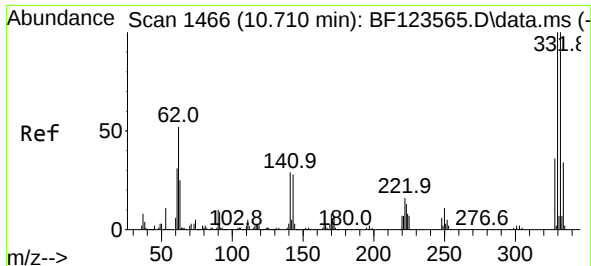
Tgt Ion:122 Resp: 11458
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 69.9 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion:164 Resp: 473265
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 46.6 37.3 55.9

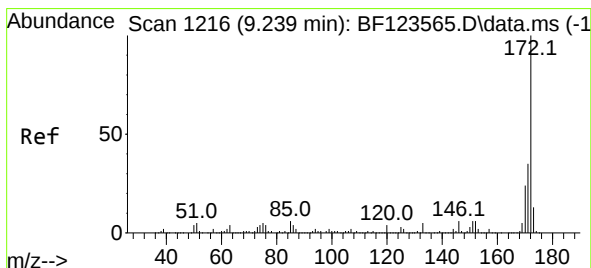
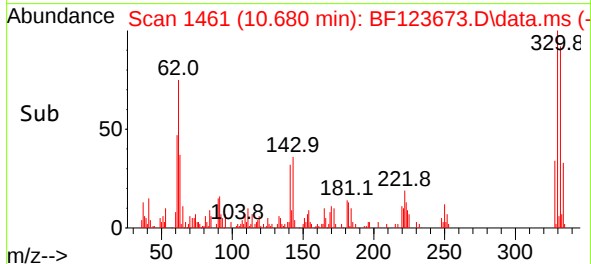
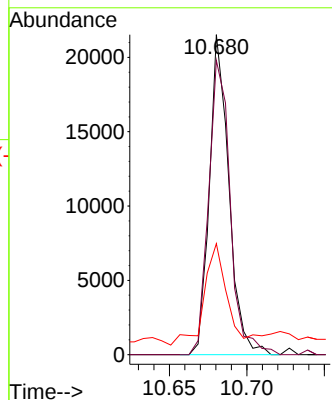
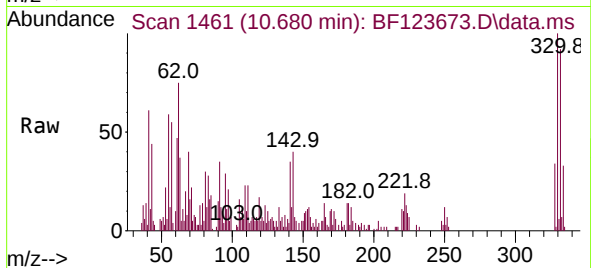




#42
2,4,6-Tribromophenol
Concen: 3.52 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

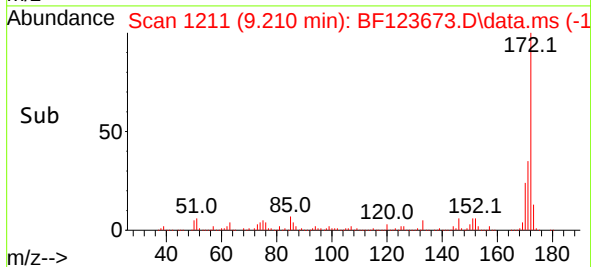
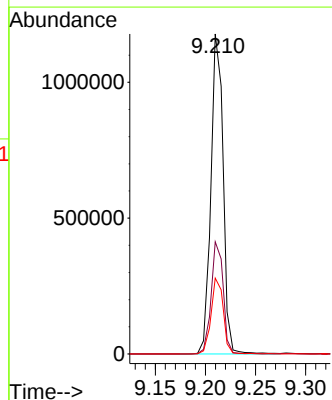
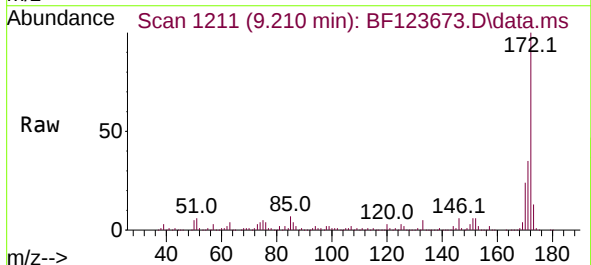
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

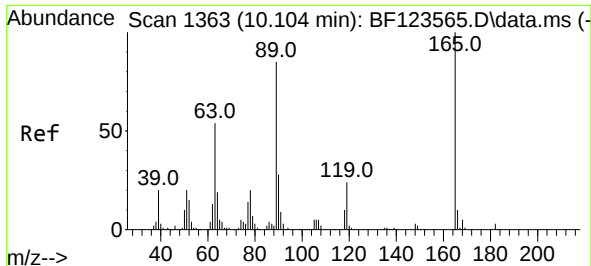
Tgt Ion: 330 Resp: 18850
Ion Ratio Lower Upper
330 100
332 101.8 77.1 115.7
141 38.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 31.63 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion: 172 Resp: 1004099
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 19.2 28.8

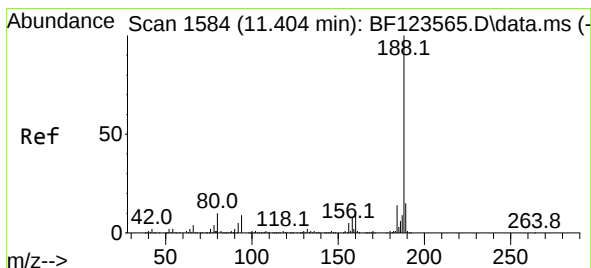
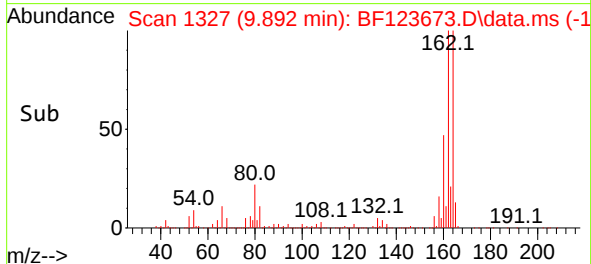
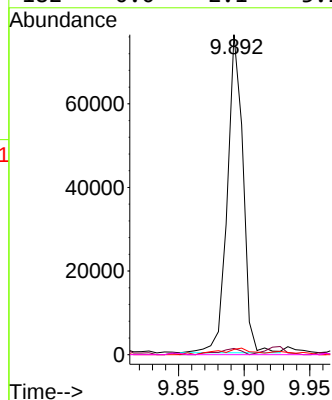
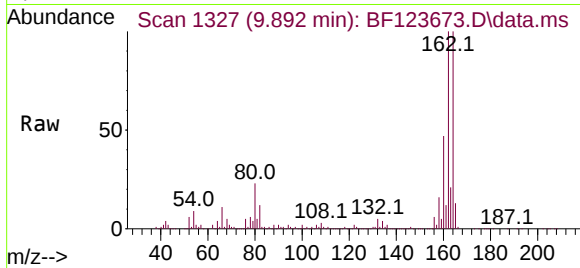




#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

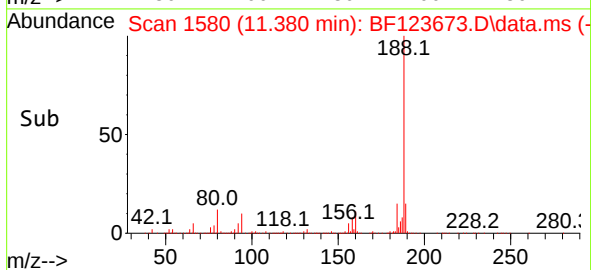
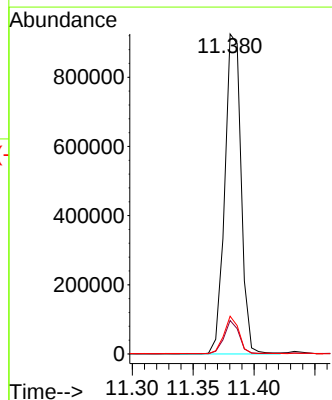
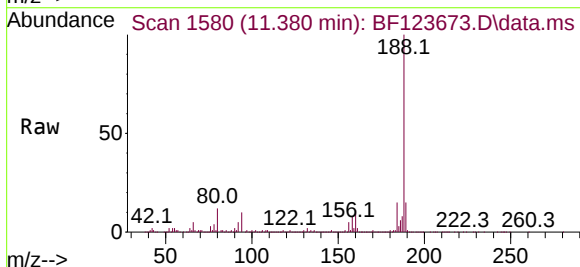
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

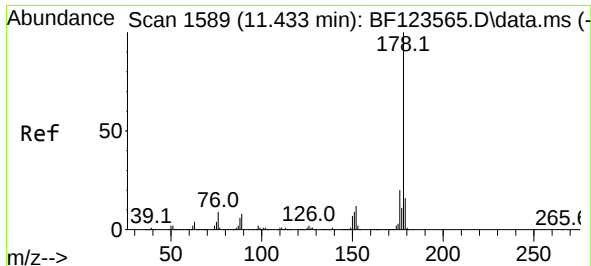
Tgt Ion:165 Resp: 63355
Ion Ratio Lower Upper
165 100
63 2.0 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion:188 Resp: 863401
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 11.8 8.2 12.2

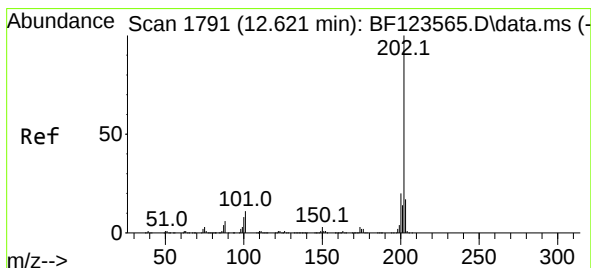
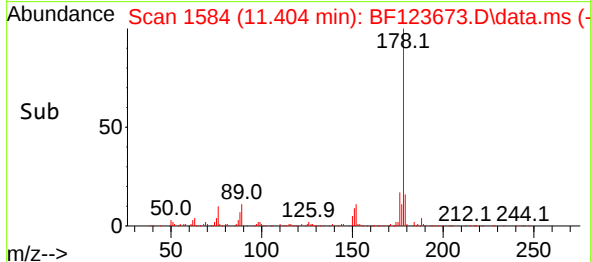
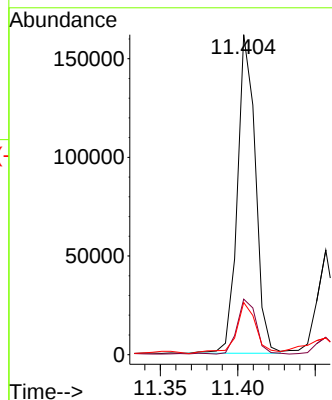
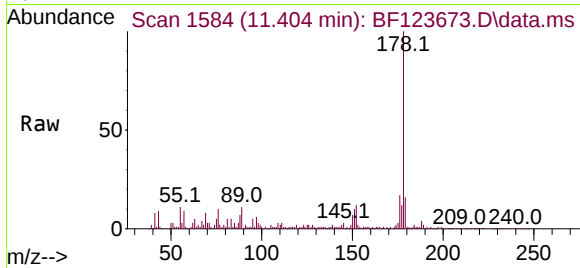




#71
Phenanthrene
Concen: 2.90 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

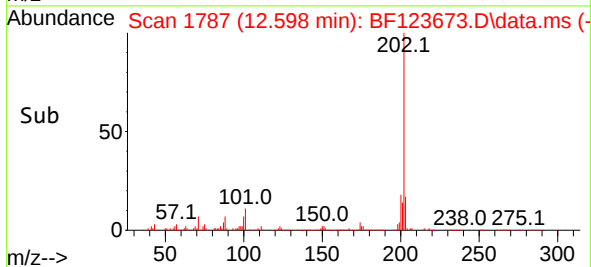
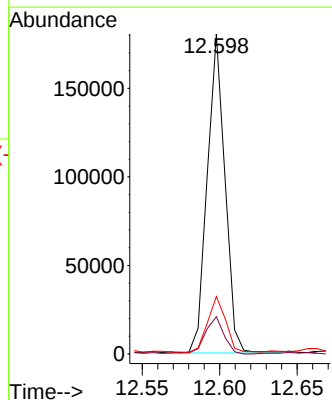
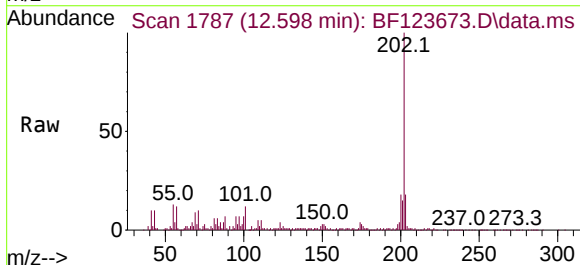
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

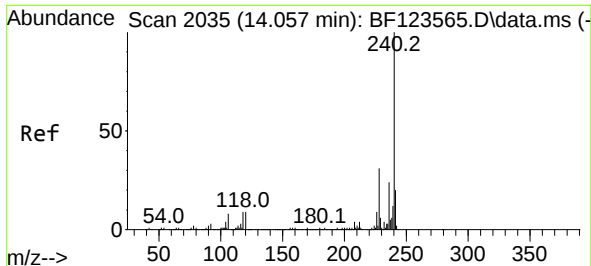
Tgt Ion:178 Resp: 130704
Ion Ratio Lower Upper
178 100
176 17.4 15.6 23.4
179 16.3 12.5 18.7



#75
Fluoranthene
Concen: 2.90 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion:202 Resp: 143590
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.9
203 17.9 0.0 37.5

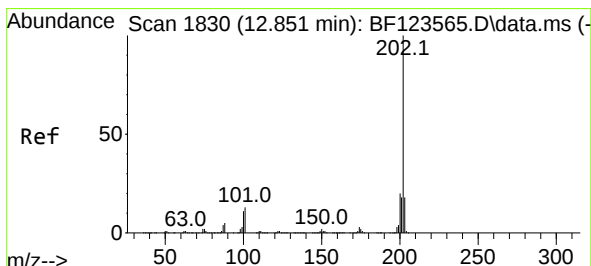
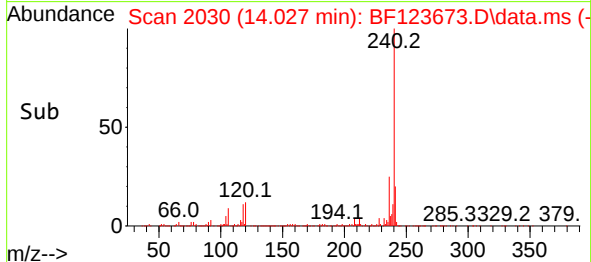
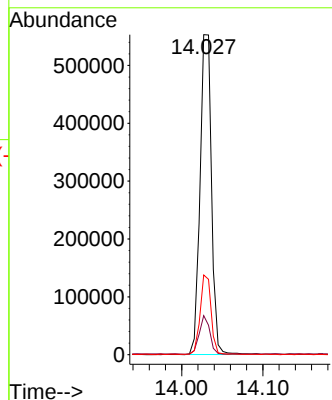
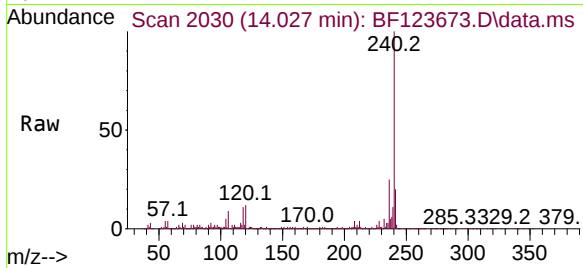




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

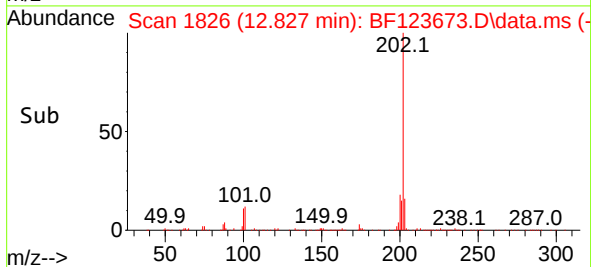
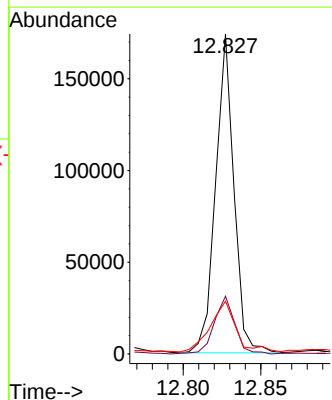
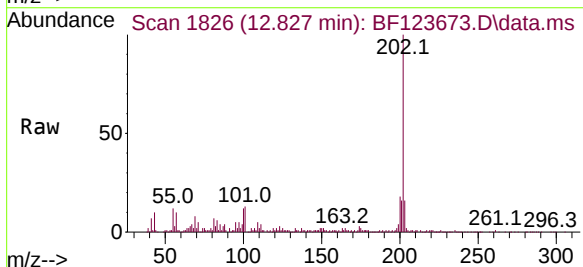
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

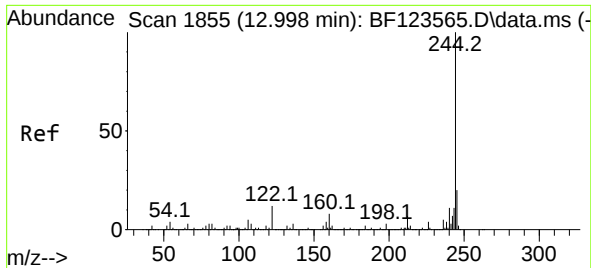
Tgt Ion:240 Resp: 544324
Ion Ratio Lower Upper
240 100
120 12.2 7.2 10.8#
236 24.9 19.0 28.4



#78
Pyrene
Concen: 3.60 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Tgt Ion:202 Resp: 143145
Ion Ratio Lower Upper
202 100
200 18.0 16.1 24.1
203 16.5 14.8 22.2

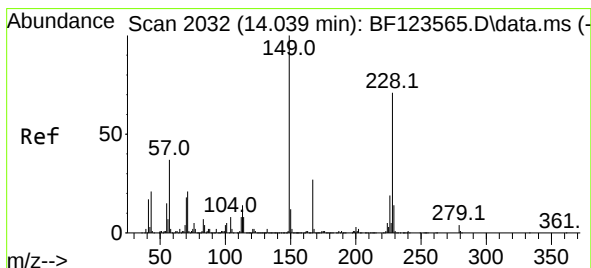
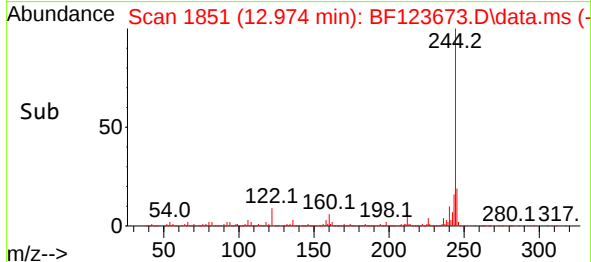
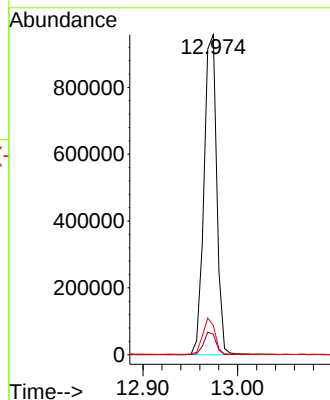
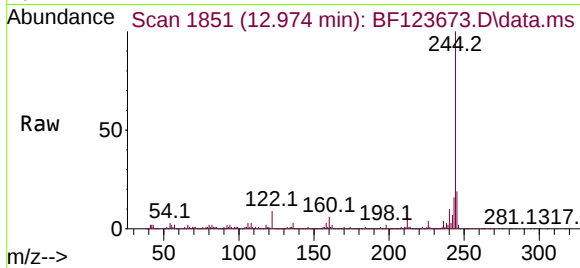




#79
 Terphenyl-d14
 Concen: 31.95 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF123673.D
 Acq: 21 Apr 2021 18:28

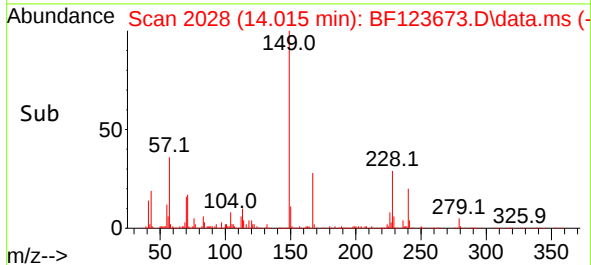
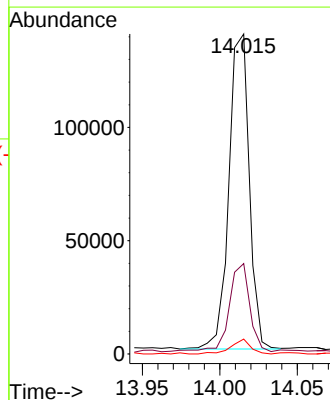
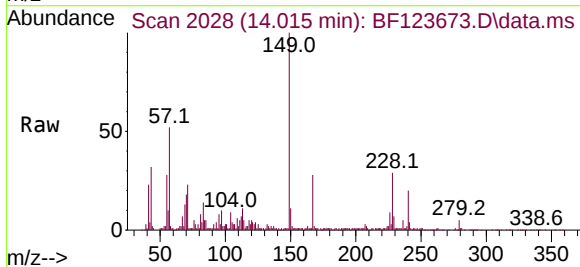
Instrument :
 BNA_F
 ClientSampleId :
 SB-3BDL

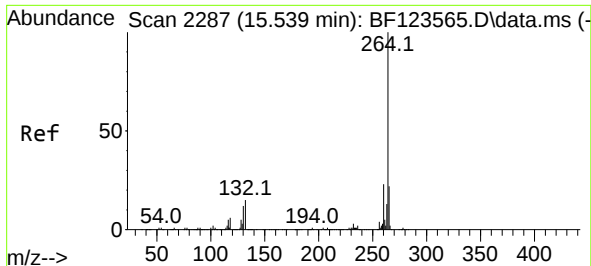
Tgt Ion:244 Resp: 894950
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 9.2 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.13 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: BF123673.D
 Acq: 21 Apr 2021 18:28

Tgt Ion:149 Resp: 127361
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.6
 279 4.7 3.3 4.9

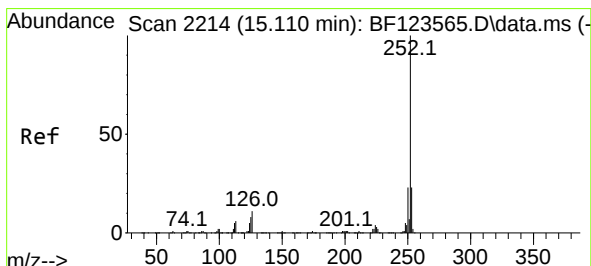
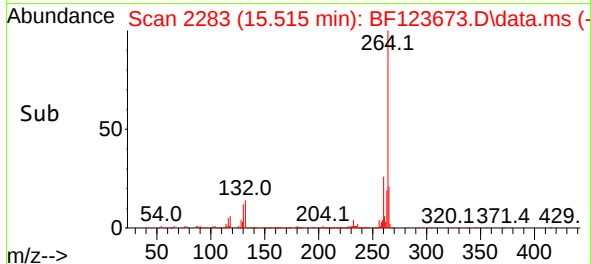
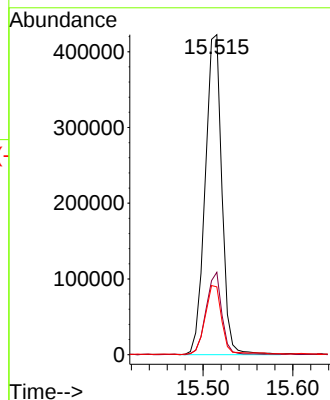
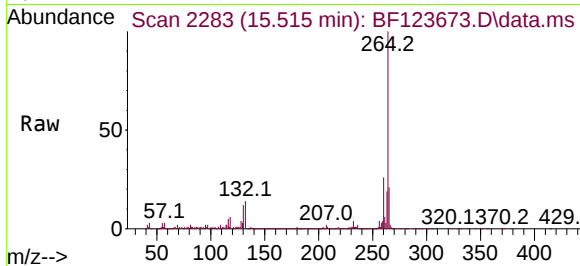




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.012 min
 Lab File: BF123673.D
 Acq: 21 Apr 2021 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3BDL

Tgt Ion:264 Resp: 545221
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.7 28.1
 265 21.2 17.8 26.8



#88
 Benzo(b)fluoranthene
 Concen: 2.13 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF123673.D
 Acq: 21 Apr 2021 18:28

Tgt Ion:252 Resp: 81955
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.1 27.1
 125 17.6 6.2 9.4#

