

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)

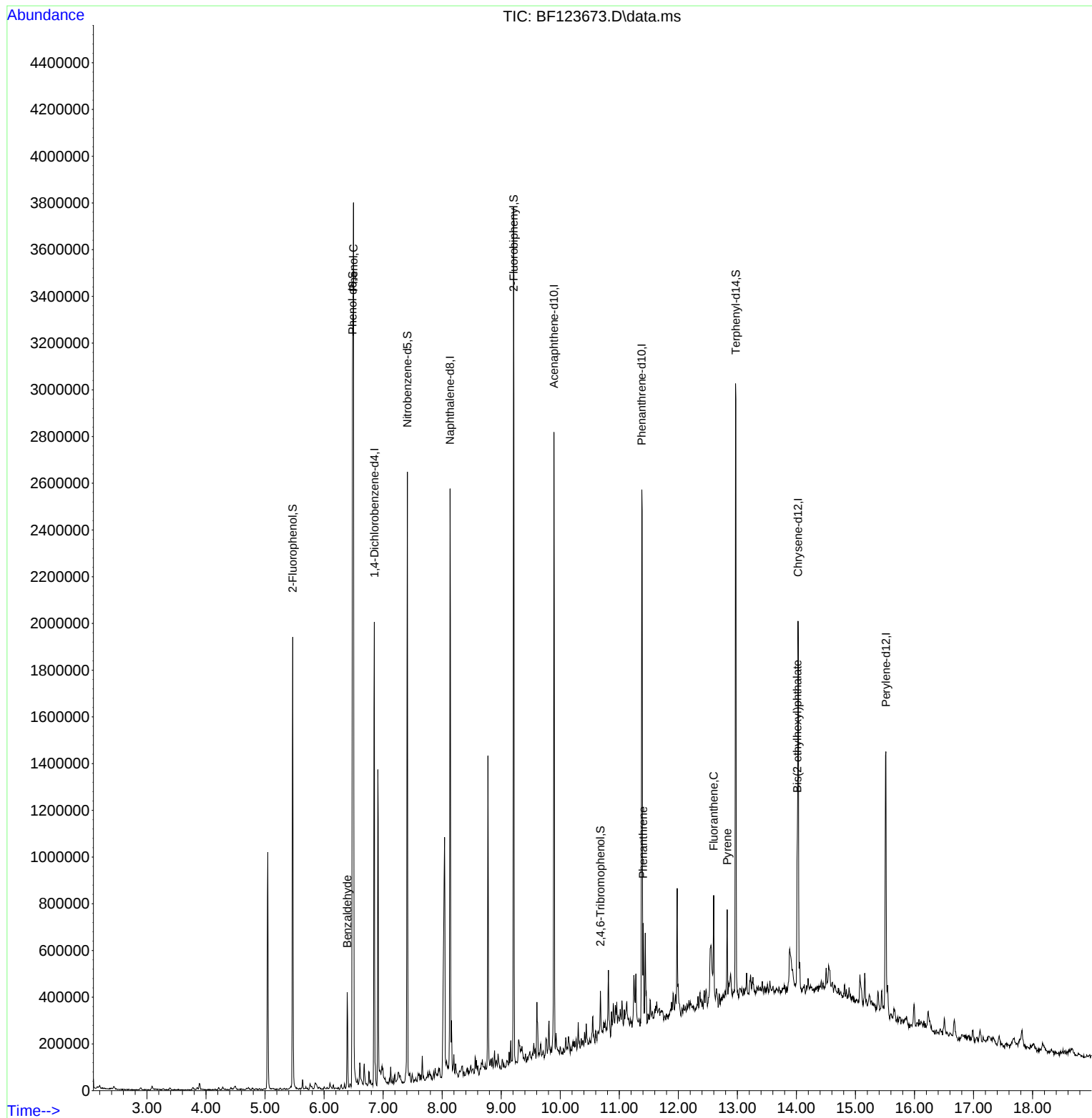
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	248112	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	965704	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	473265	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	863401	20.00	ng	# 0.00
76) Chrysene-d12	14.027	240	544324	20.00	ng	# 0.00
86) Perylene-d12	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
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

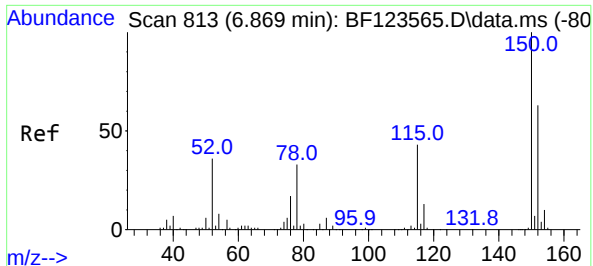
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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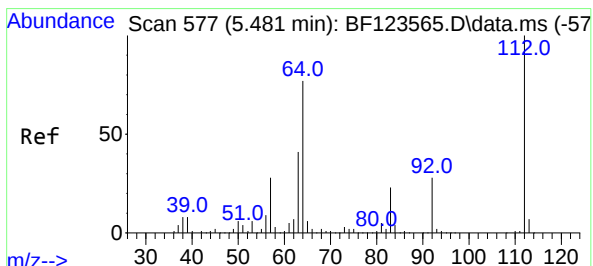
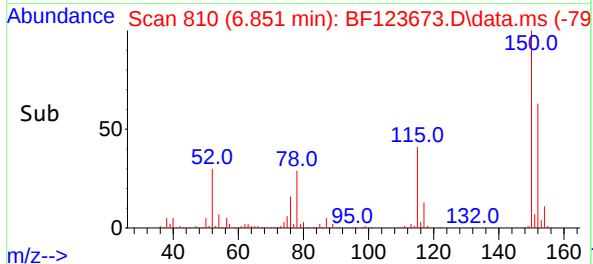
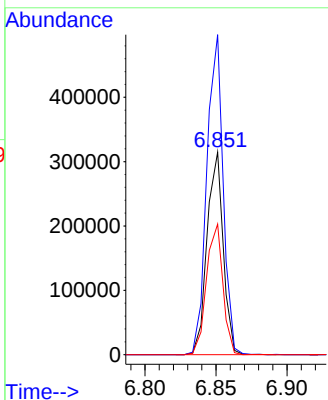
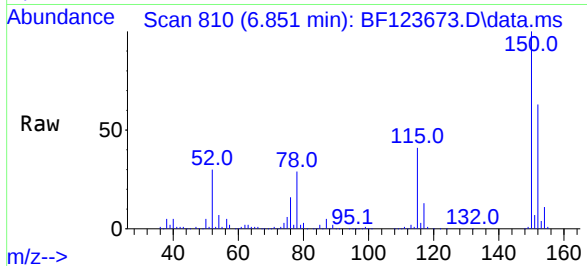




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

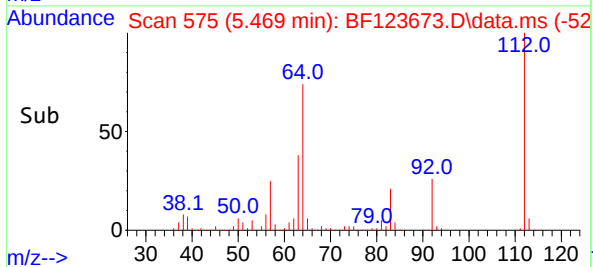
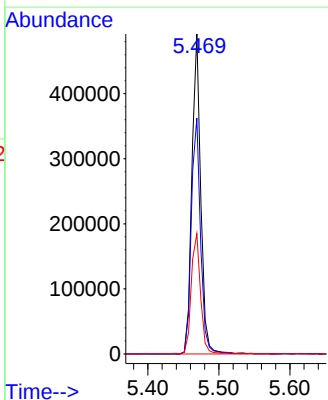
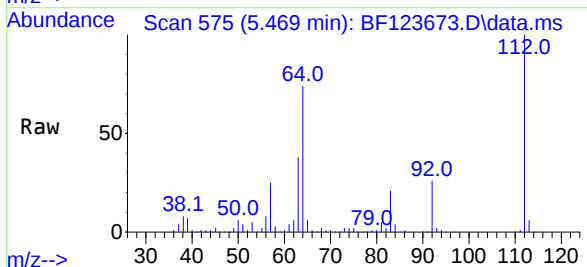
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

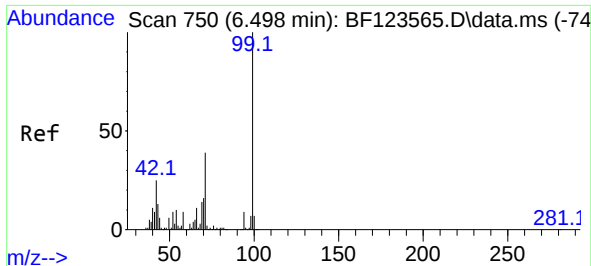
Tgt Ion:152 Resp: 248112
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.5 54.3 81.5



#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

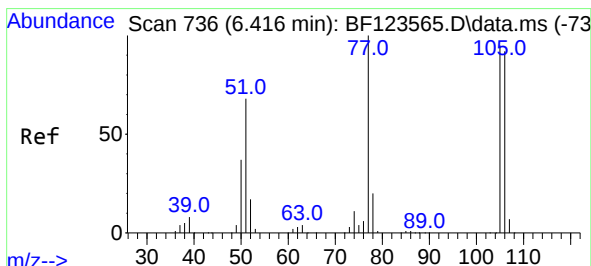
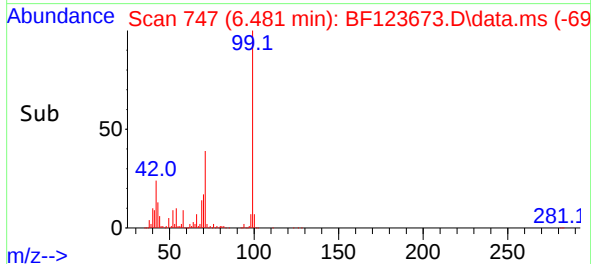
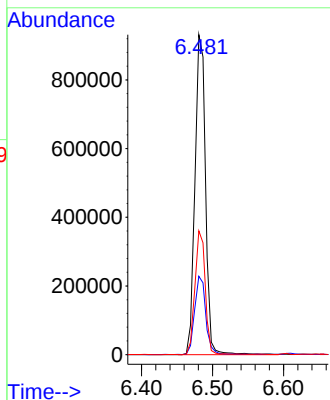
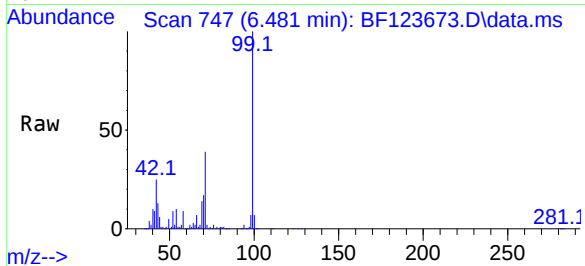




#7
Phenol-d6
Concen: 45.46 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

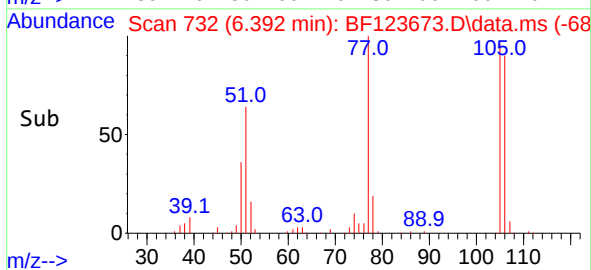
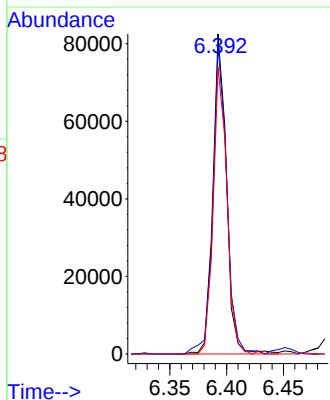
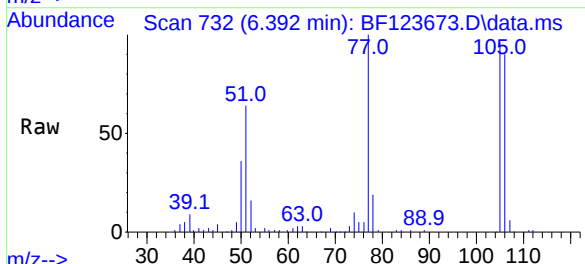
Instrument :
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ClientSampleId :
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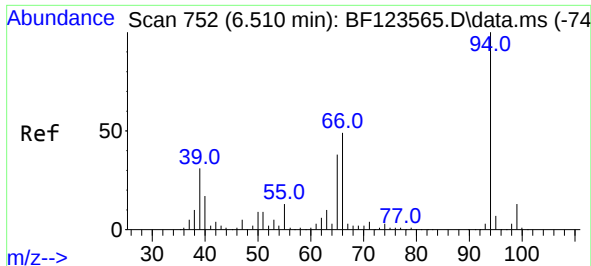
Tgt Ion: 99 Resp: 967031
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 38.7 31.1 46.7



#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

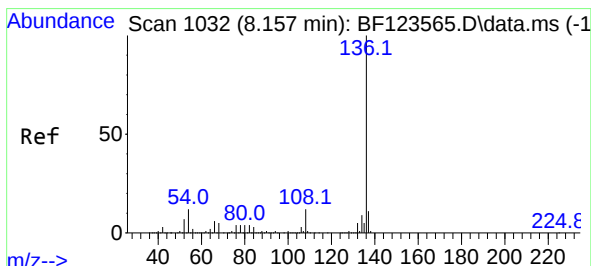
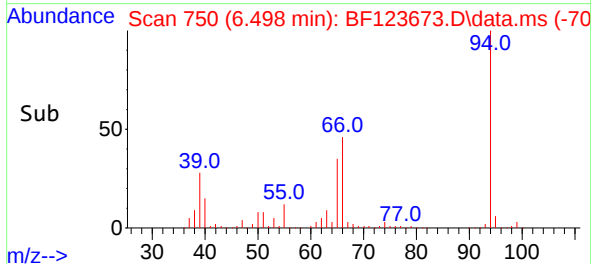
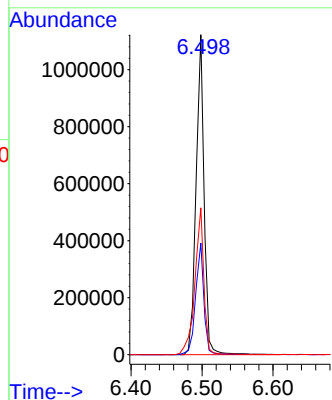
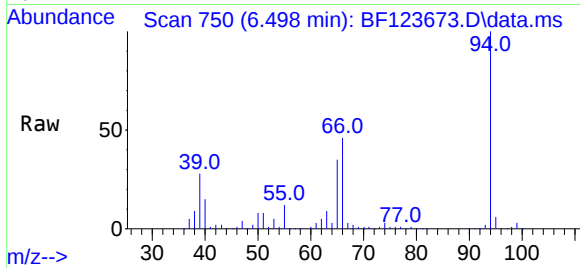




#10
Phenol
Concen: 39.40 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

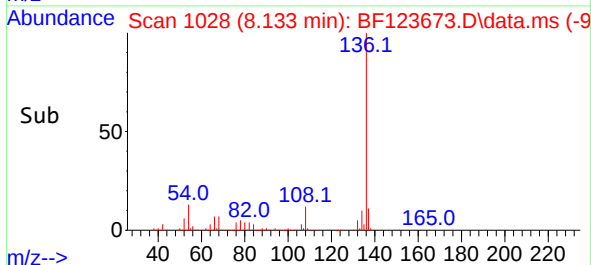
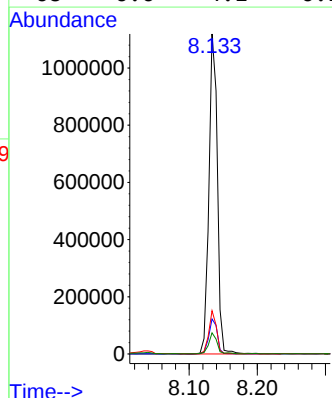
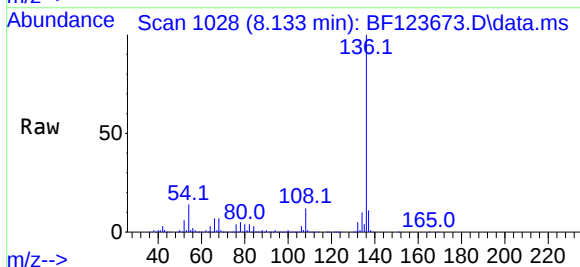
Instrument :
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ClientSampleId :
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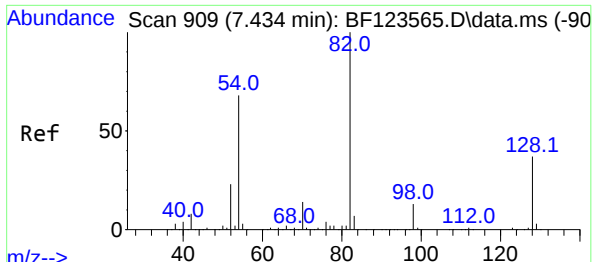
Tgt Ion: 94 Resp: 890136
Ion Ratio Lower Upper
94 100
65 34.9 18.1 58.1
66 45.9 29.0 69.0



#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#

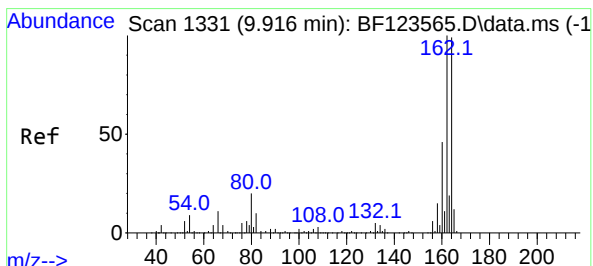
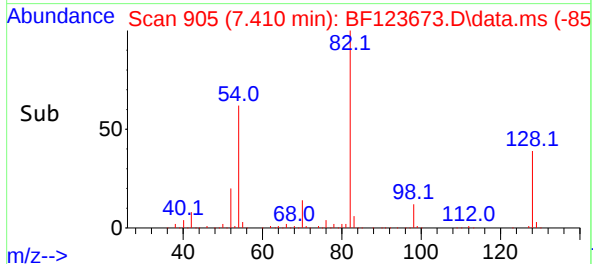
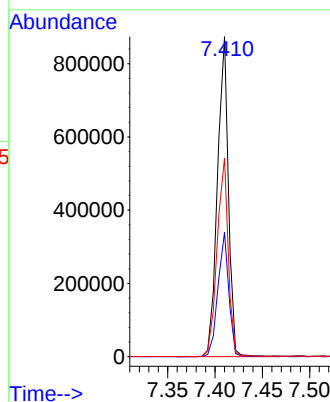
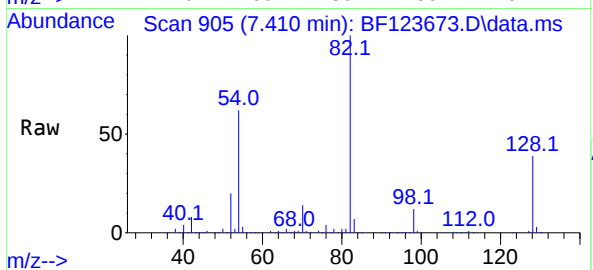




#23
Nitrobenzene-d5
Concen: 33.42 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

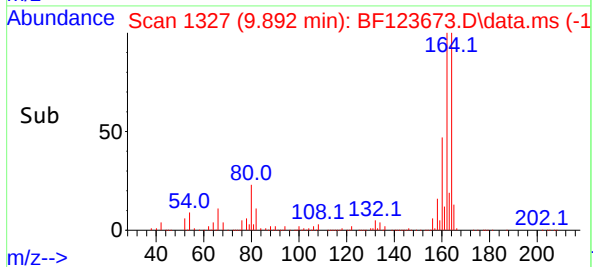
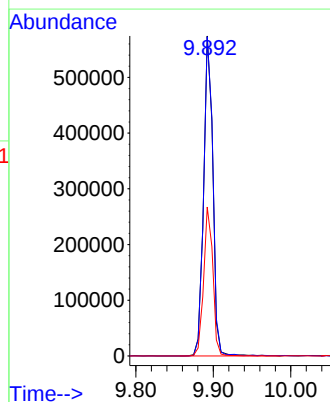
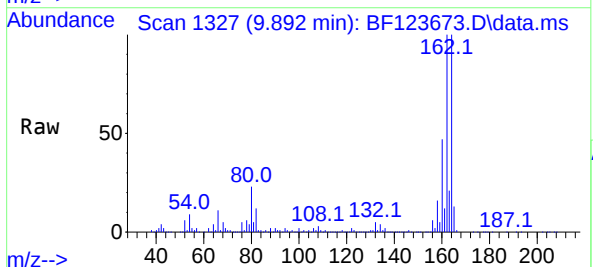
Instrument :
BNA_F
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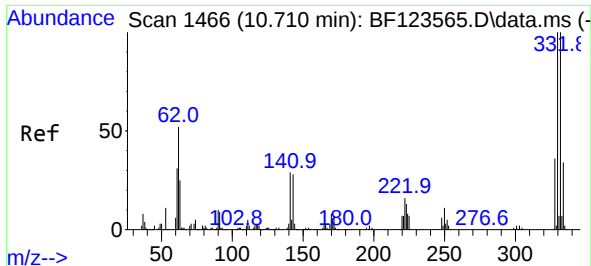
Tgt Ion: 82 Resp: 701969
Ion Ratio Lower Upper
82 100
128 38.8 29.4 44.2
54 62.1 54.1 81.1



#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

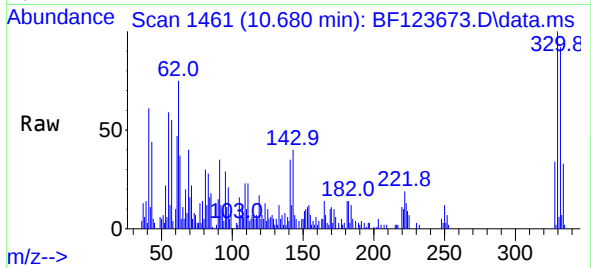
Tgt Ion:164 Resp: 473265
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 46.6 37.3 55.9



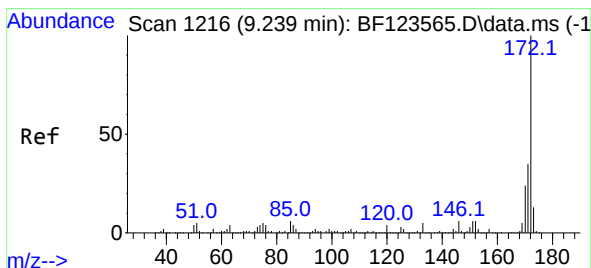
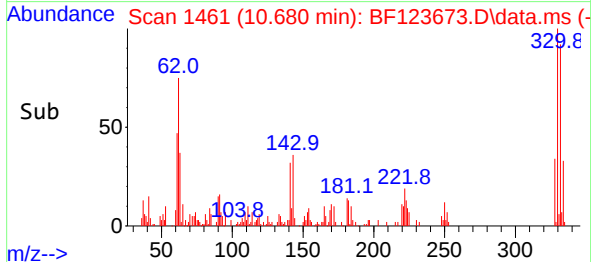
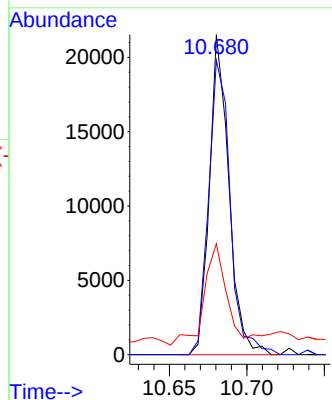


#42
2,4,6-Tribromophenol
Concen: 3.52 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Instrument :
BNA_F
ClientSampleId :
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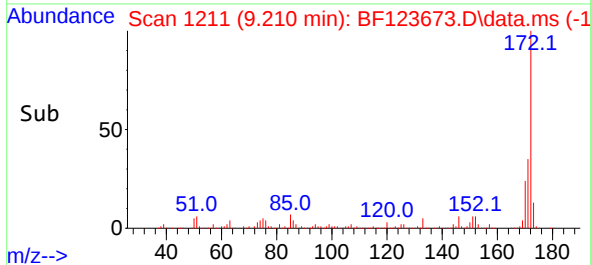
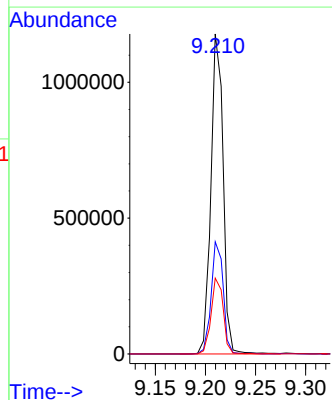
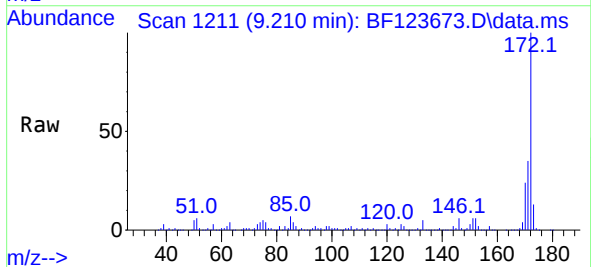


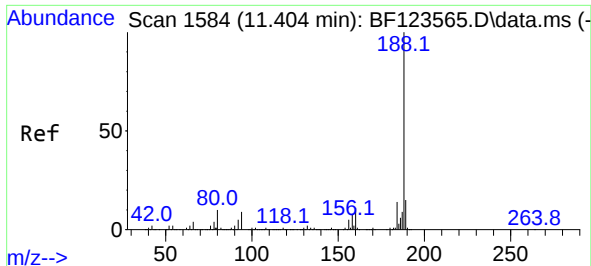
Tgt Ion: 330 Resp: 18850
Ion Ratio Lower Upper
330 100
332 101.8 77.1 115.7
141 38.2 27.9 41.9



#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

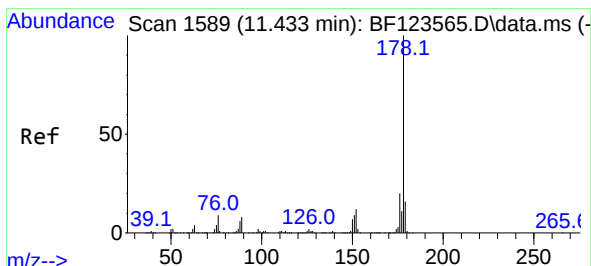
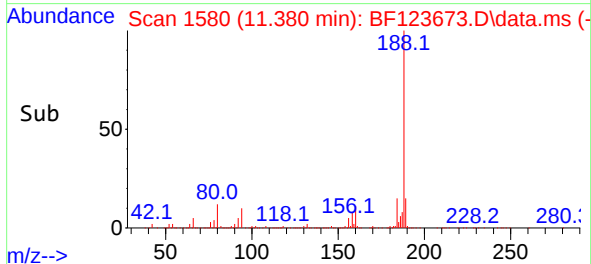
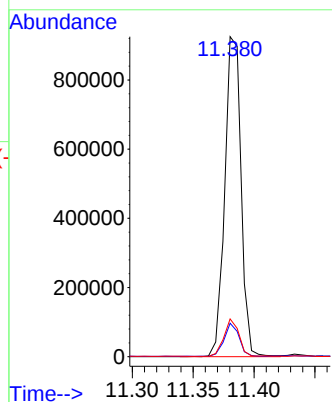
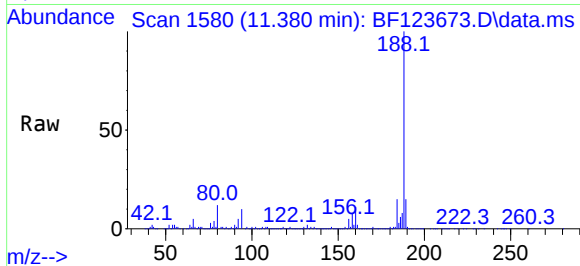




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

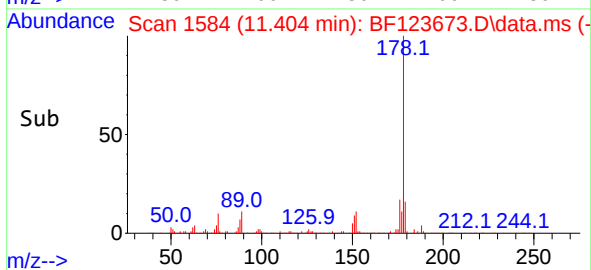
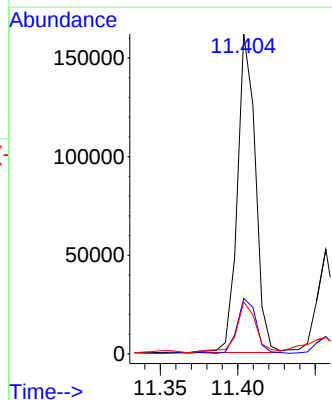
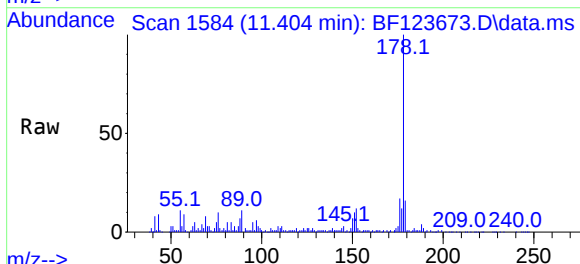
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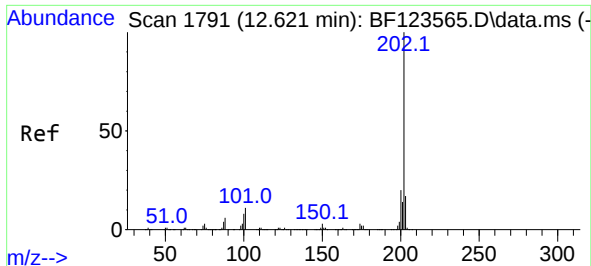
Tgt Ion:188 Resp: 863401
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 11.8 8.2 12.2



#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

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

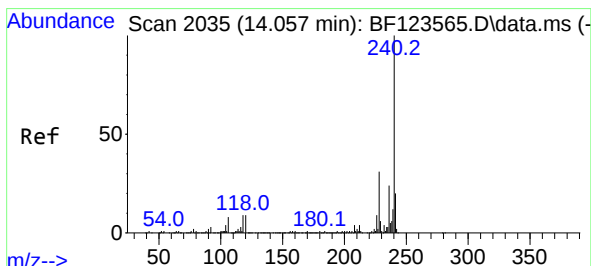
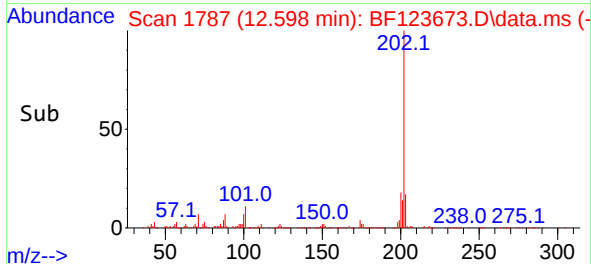
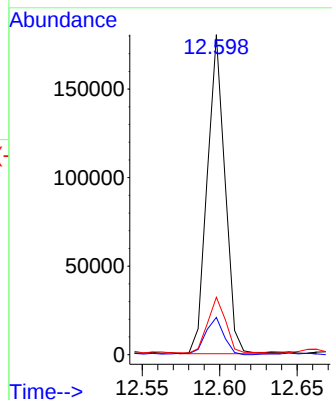
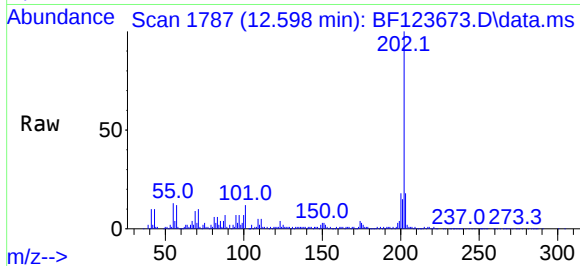




#75
Fluoranthene
Concen: 2.90 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

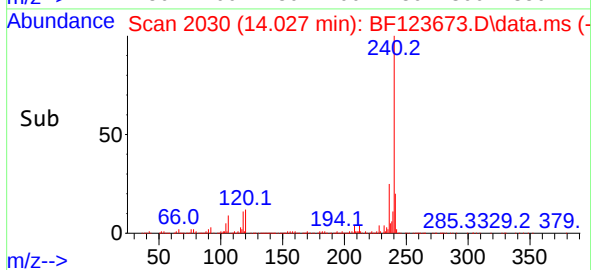
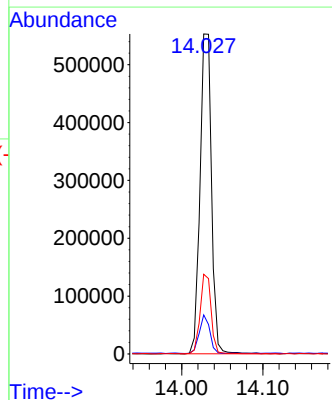
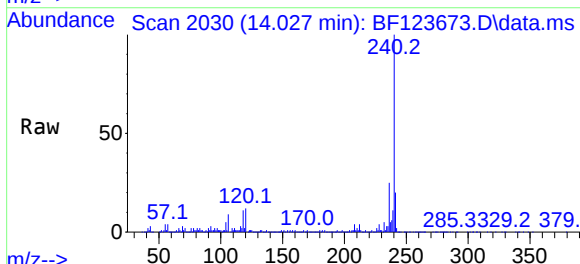
Instrument :
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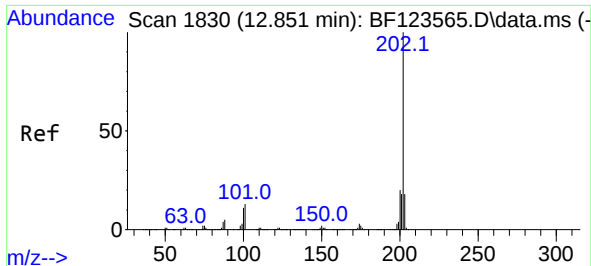
Tgt Ion:202	Resp:	143590
Ion Ratio	Lower	Upper
202	100	
101	11.6	0.0 30.9
203	17.9	0.0 37.5



#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

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

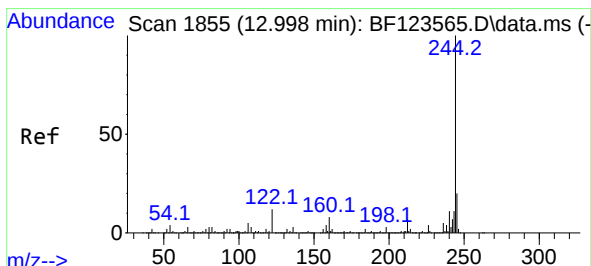
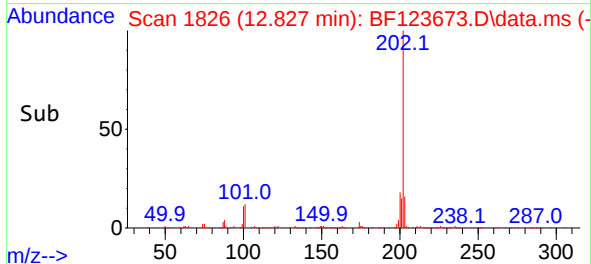
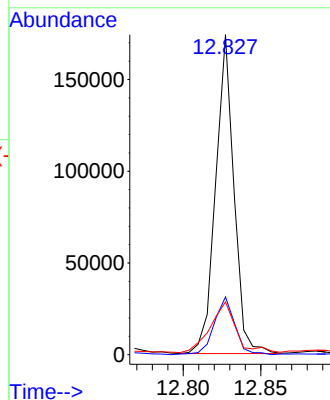
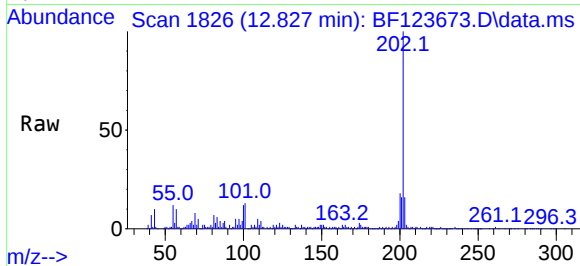




#78
Pyrene
Concen: 3.60 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

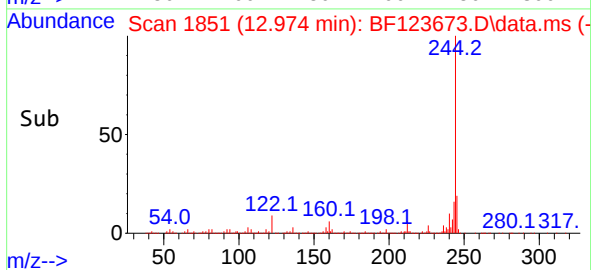
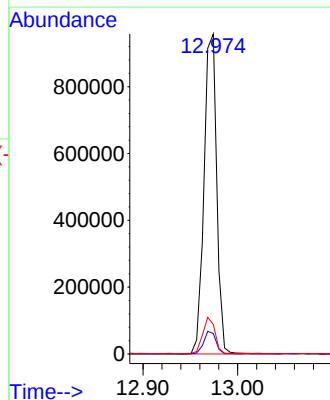
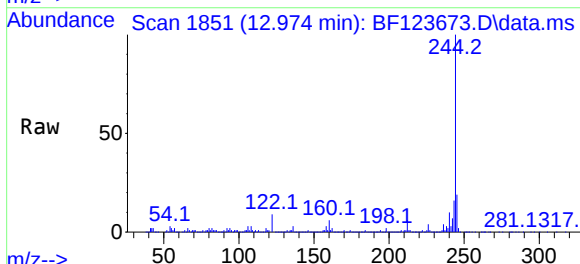
Instrument :
BNA_F
ClientSampleId :
SB-3BDL

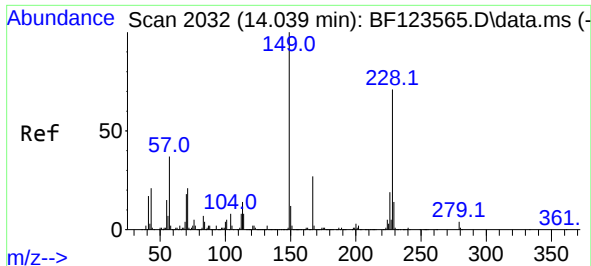
Tgt Ion:	202	Resp:	143145
Ion Ratio	Lower	Upper	
202	100		
200	18.0	16.1	24.1
203	16.5	14.8	22.2



#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

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#

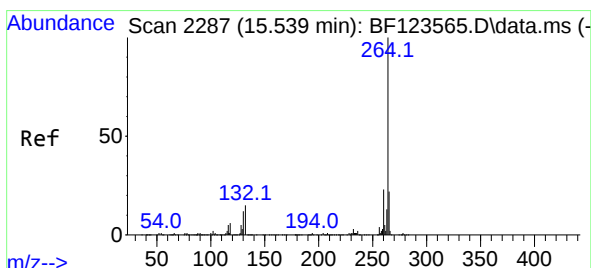
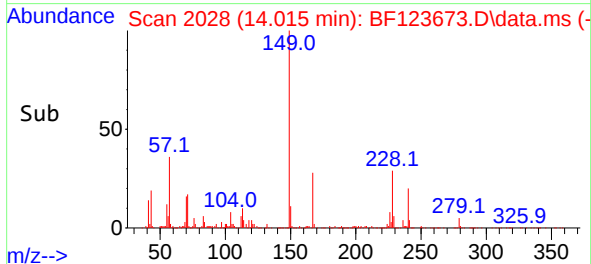
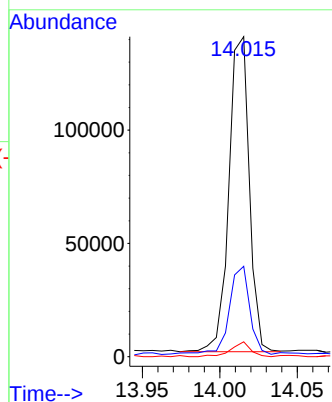
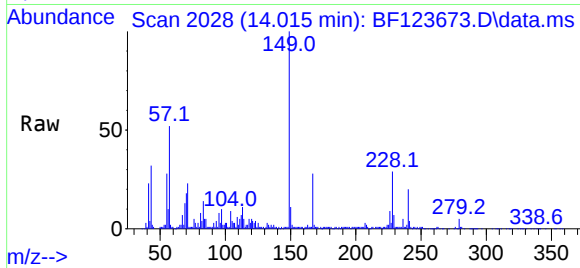




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.13 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF123673.D
Acq: 21 Apr 2021 18:28

Instrument :
BNA_F
ClientSampleId :
SB-3BDL

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

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

