

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123342.D
 Acq On : 2 Mar 2021 18:21
 Operator : JU/CG
 Sample : M1521-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722-X

Quant Time: Mar 02 23:51:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

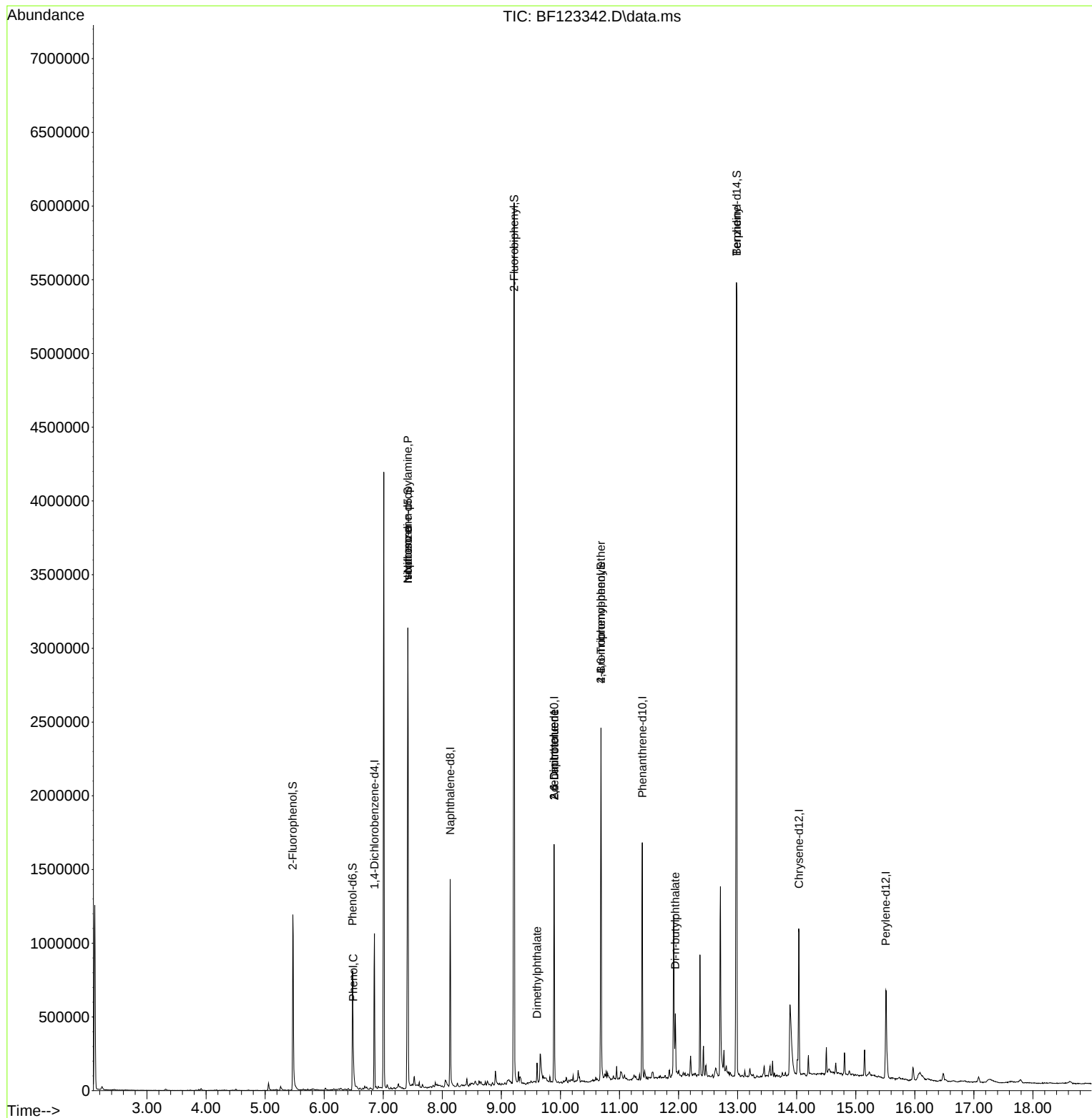
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	137463	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	555837	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	285024	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	532786	20.00	ng	0.00
76) Chrysene-d12	14.039	240	341655	20.00	ng	0.00
86) Perylene-d12	15.509	264	271028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	342492	35.86	ng	0.00
7) Phenol-d6	6.481	99	274105	21.13	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1136905	93.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	237612	81.87	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1807679	91.10	ng	0.00
79) Terphenyl-d14	12.986	244	2090671	117.67	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	1238	Below Cal		89
10) Phenol	6.492	94	41411	2.93 ng		95
19) n-Nitroso-di-n-propyla...	7.416	70	160819	20.83 ng	#	81
25) Isophorone	7.416	82	1133888	49.94 ng	#	65
50) Dimethylphthalate	9.604	163	45301	2.13 ng		99
51) 2,6-Dinitrotoluene	9.892	165	37199	7.57 ng	#	32
57) 2,4-Dinitrotoluene	9.892	165	37199	5.63 ng	#	26
67) 4-Bromophenyl-phenylether	10.686	248	18004	3.10 ng	#	1
74) Di-n-butylphthalate	11.945	149	151602	4.58 ng	#	98
77) Benzidine	12.986	184	30464	2.76 ng	#	94

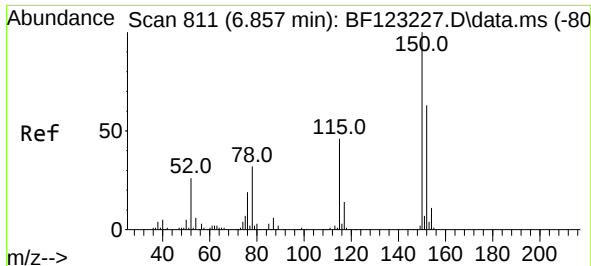
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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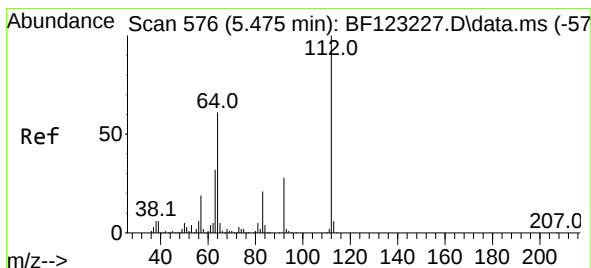
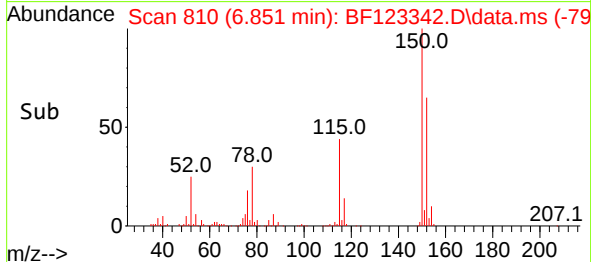
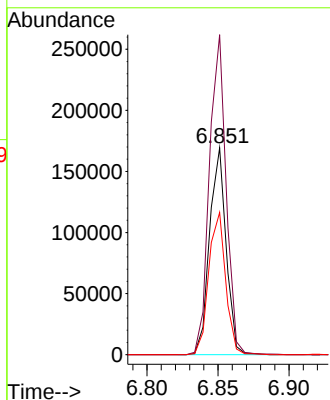
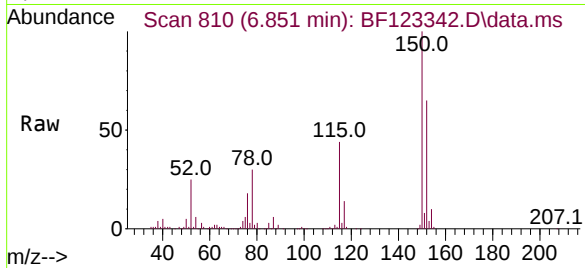




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

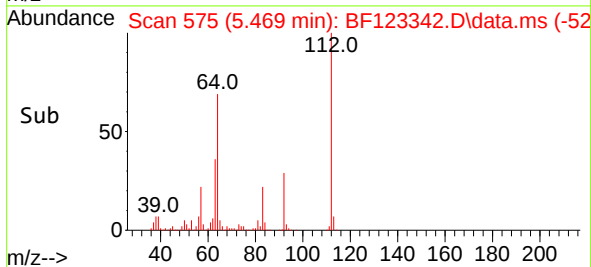
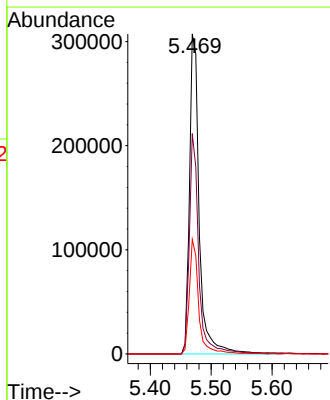
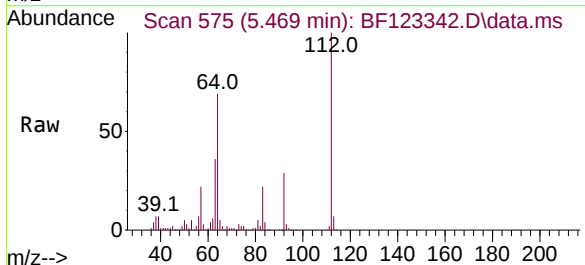
Instrument :
BNA_F
ClientSampleId :
OB-722-X

Tgt Ion:152 Resp: 137463
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 68.7 49.3 73.9



#5
2-Fluorophenol
Concen: 35.86 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:112 Resp: 342492
Ion Ratio Lower Upper
112 100
64 68.9 46.9 70.3
63 35.8 24.5 36.7

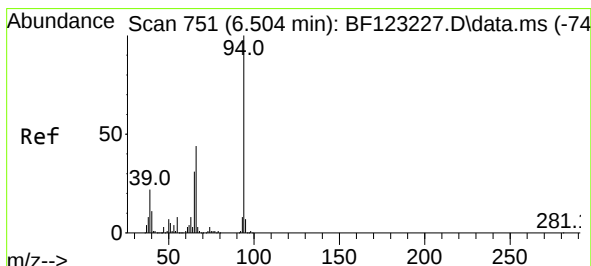
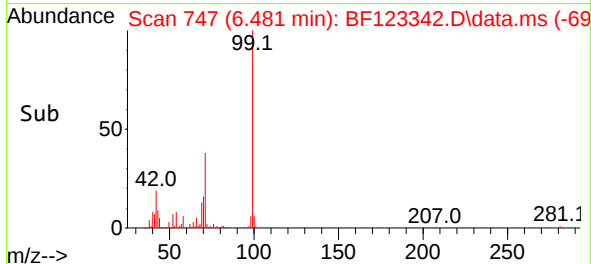
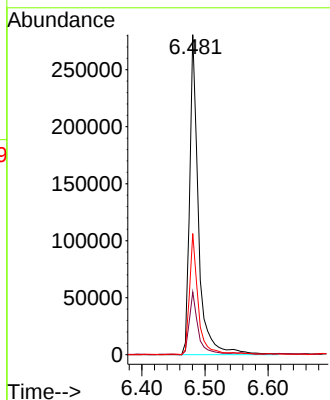
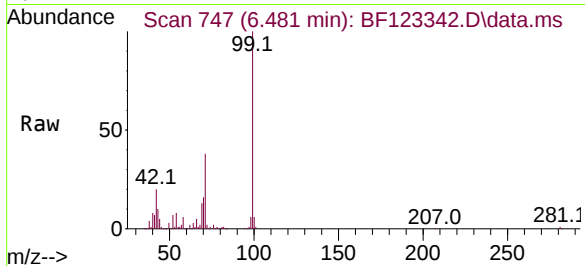




#7
Phenol-d6
Concen: 21.13 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

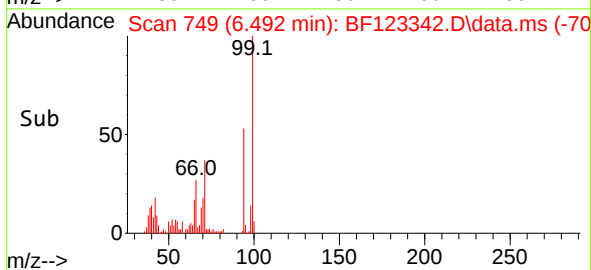
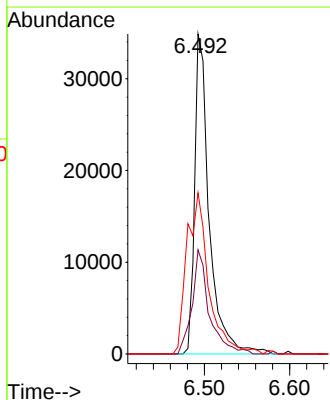
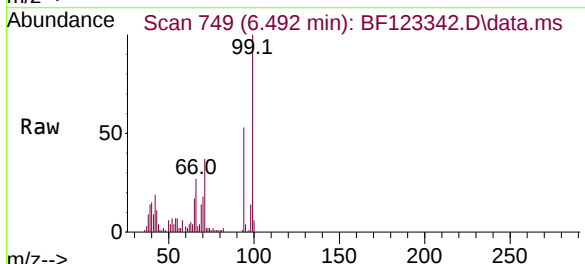
Instrument :
BNA_F
ClientSampleId :
OB-722-X

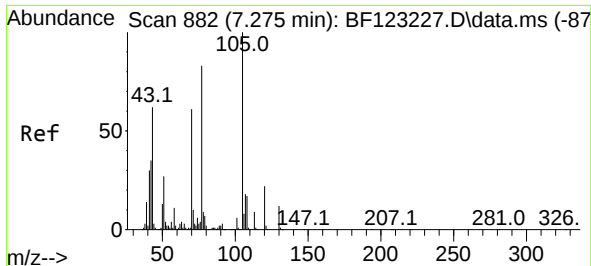
Tgt Ion: 99 Resp: 274105
Ion Ratio Lower Upper
99 100
42 19.6 13.8 20.6
71 37.9 26.9 40.3



#10
Phenol
Concen: 2.93 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

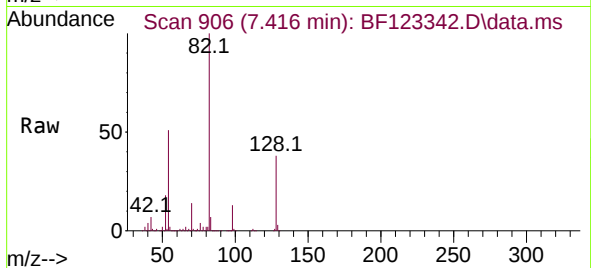
Tgt Ion: 94 Resp: 41411
Ion Ratio Lower Upper
94 100
65 32.5 11.2 51.2
66 50.3 25.8 65.8



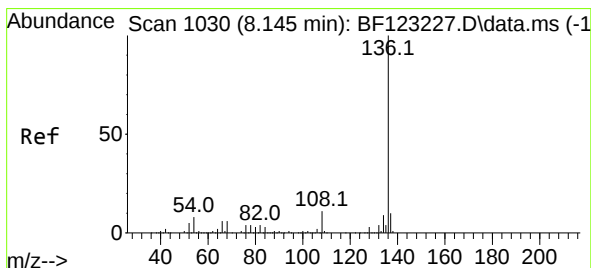
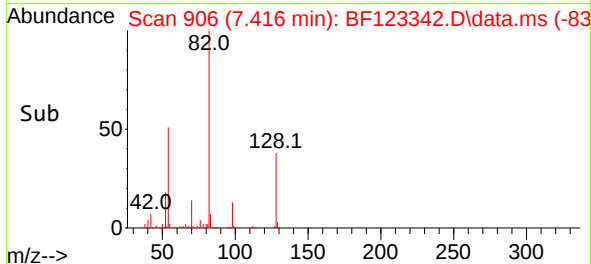
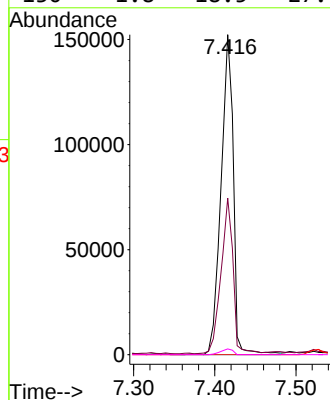


#19
n-Nitroso-di-n-propylamine
Concen: 20.83 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Instrument :
BNA_F
ClientSampled :
OB-722-X

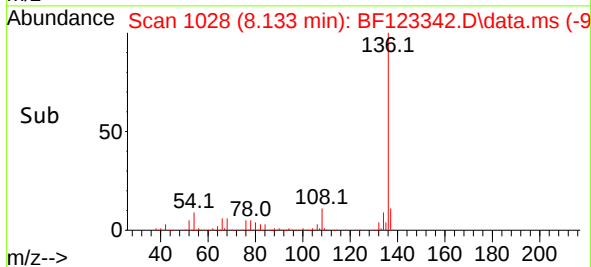
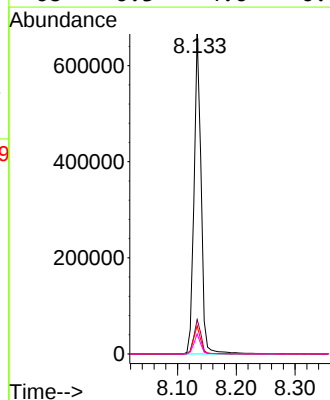
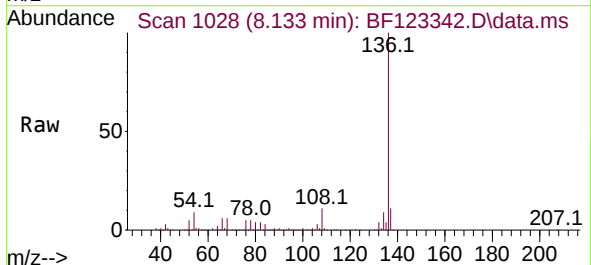


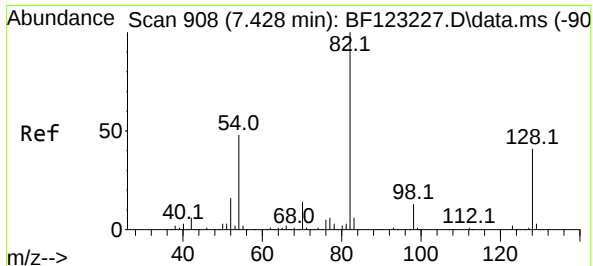
Tgt Ion: 70 Resp: 160819
Ion Ratio Lower Upper
70 100
42 49.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion: 136 Resp: 555837
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 5.5 8.3#
68 6.3 4.6 6.8

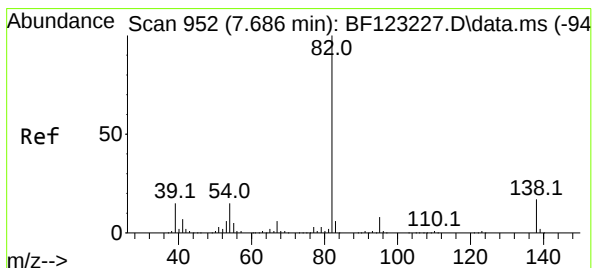
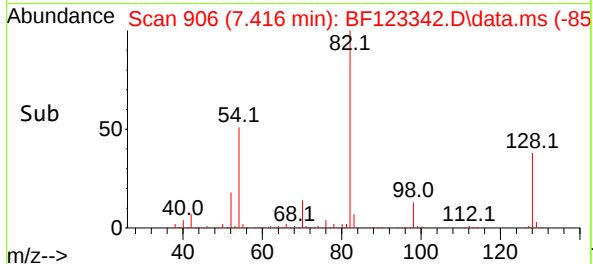
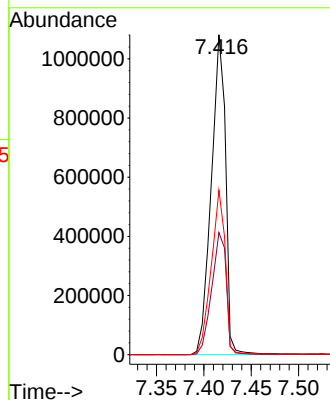
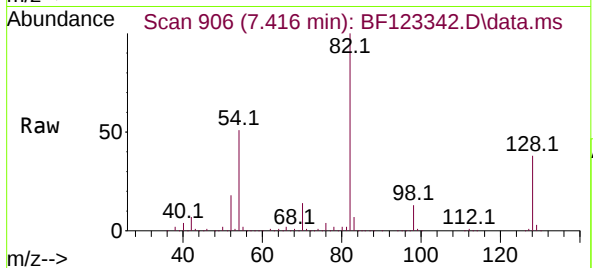




#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

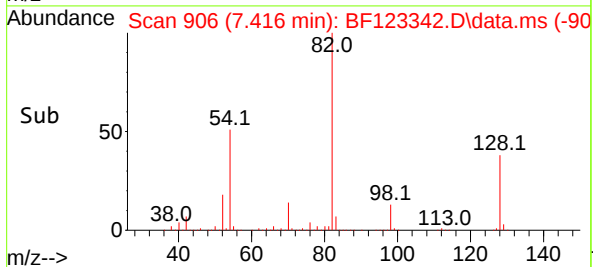
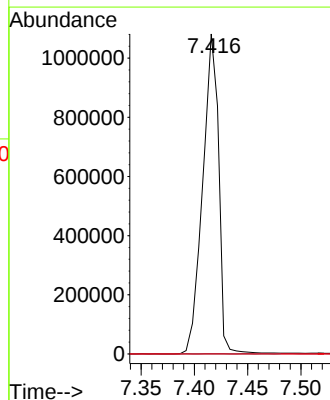
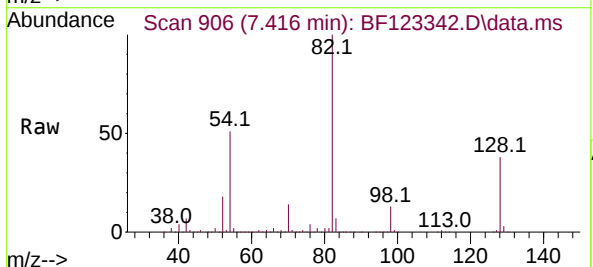
Instrument :
BNA_F
ClientSampleId :
OB-722-X

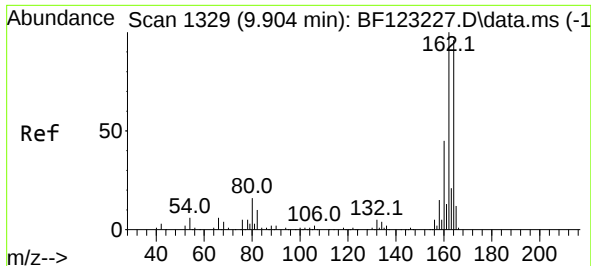
Tgt Ion: 82 Resp: 1136905
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.4
54 51.4 38.4 57.6



#25
Isophorone
Concen: 49.94 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion: 82 Resp: 1133888
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

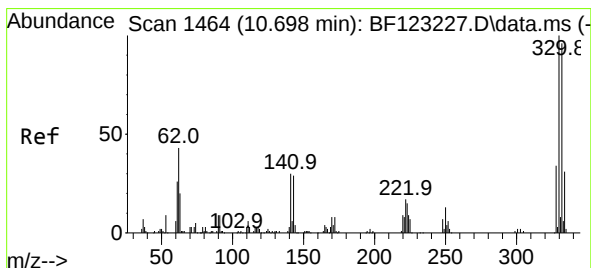
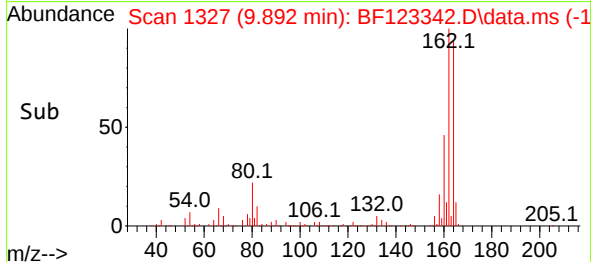
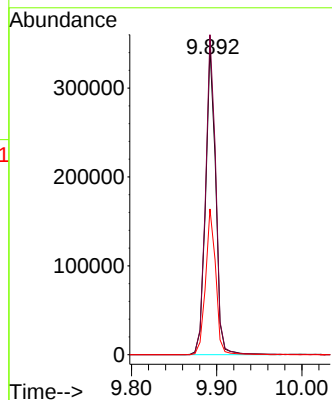
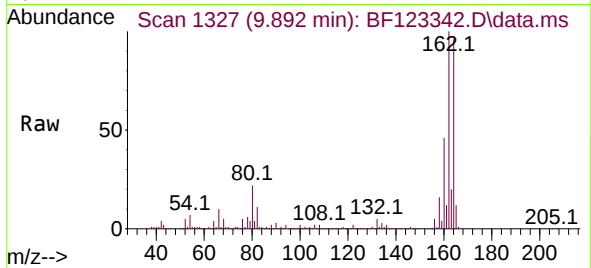




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

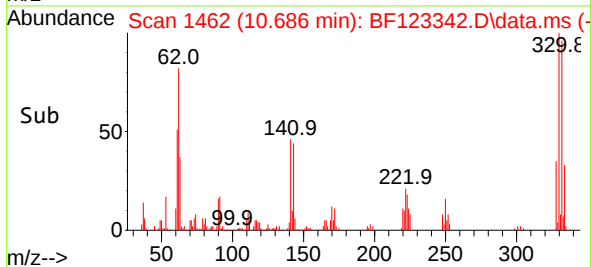
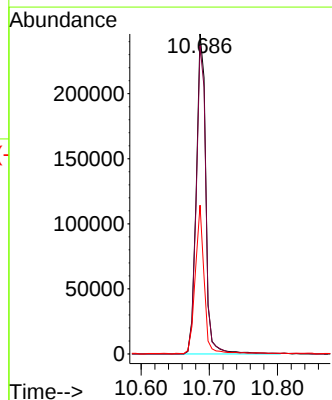
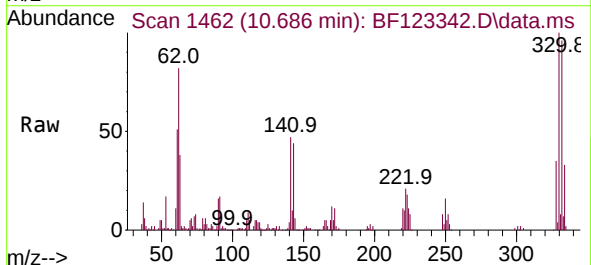
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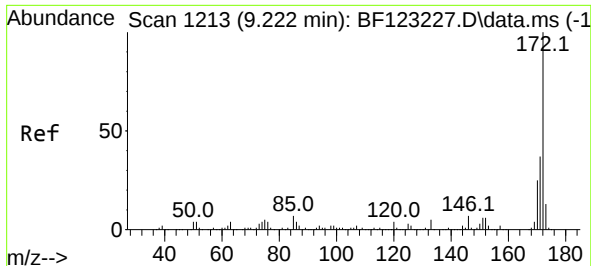
Tgt Ion:164 Resp: 285024
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 47.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 81.87 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:330 Resp: 237612
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 43.6 23.8 35.8#

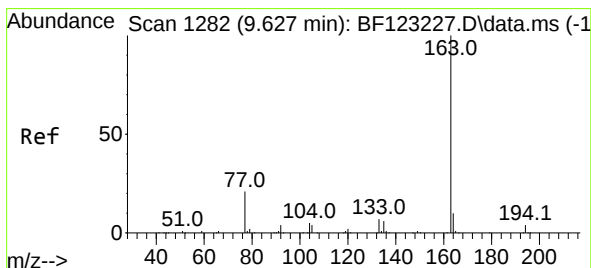
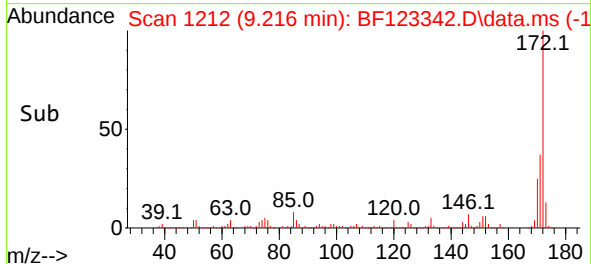
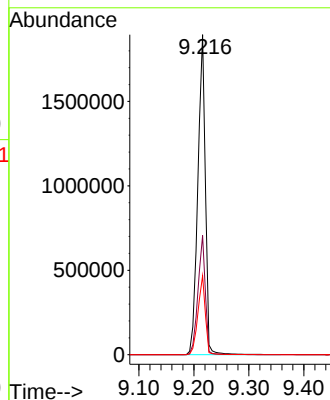
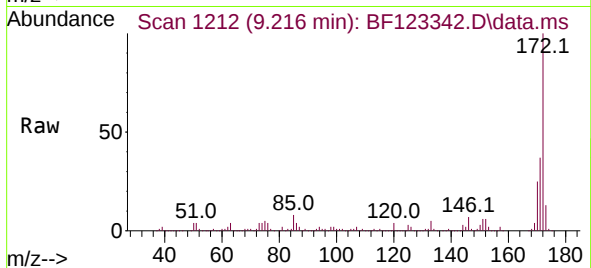




#45
2-Fluorobiphenyl
Concen: 91.10 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

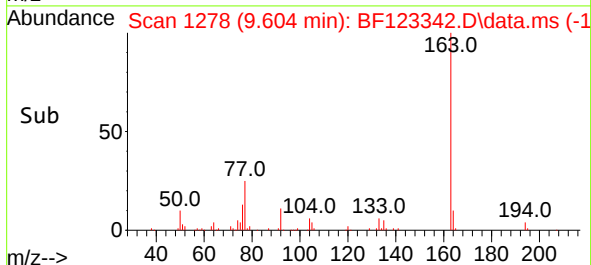
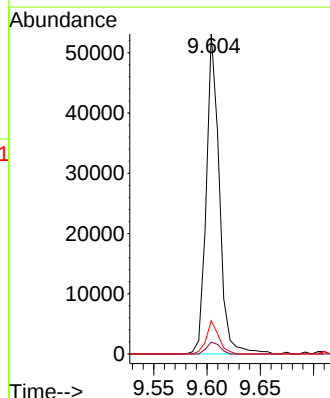
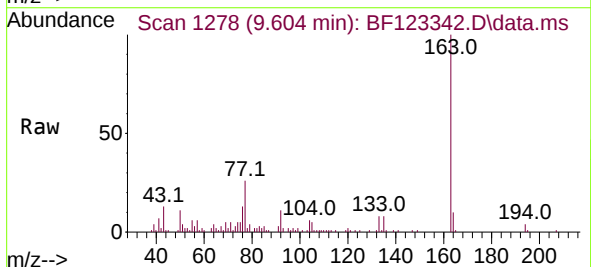
Instrument :
BNA_F
ClientSampled :
OB-722-X

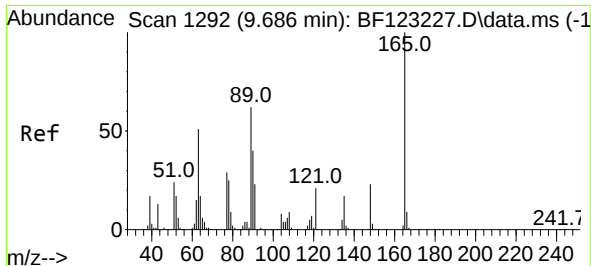
Tgt Ion:172 Resp: 1807679
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.13 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.024 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:163 Resp: 45301
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.1 12.1

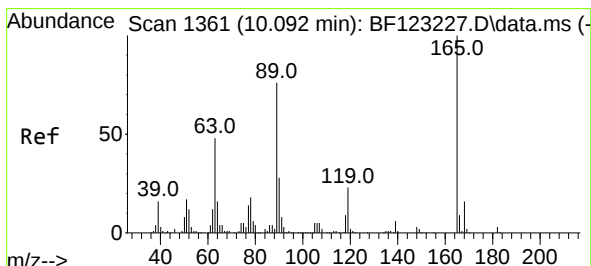
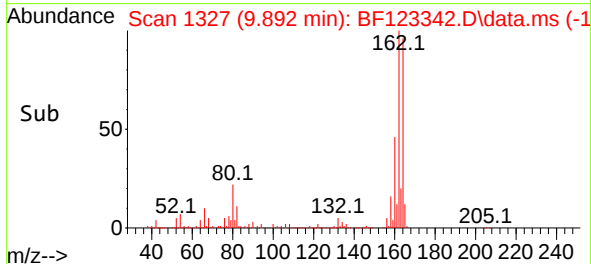
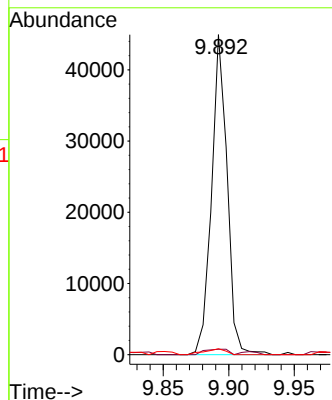
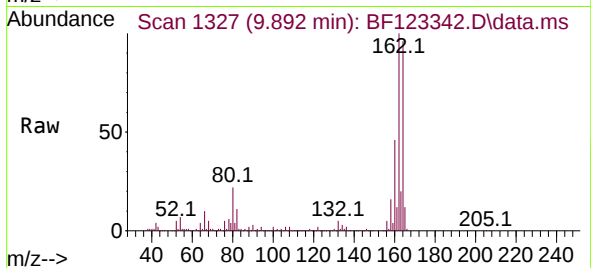




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

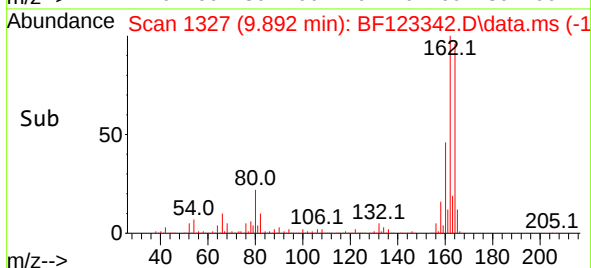
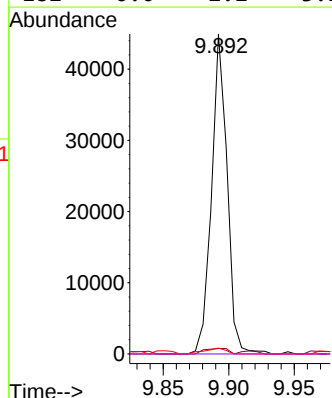
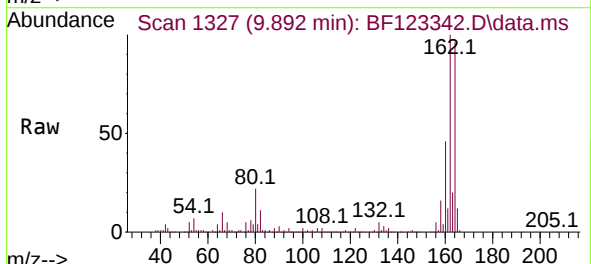
Instrument :
BNA_F
ClientSampleId :
OB-722-X

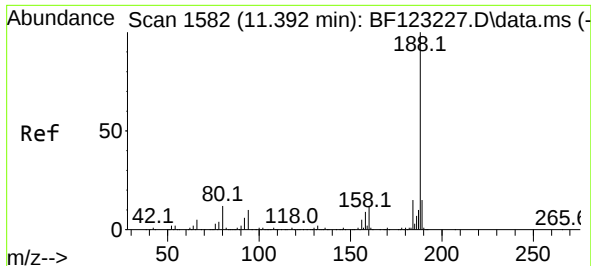
Tgt Ion:165 Resp: 37199
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 1.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:165 Resp: 37199
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#

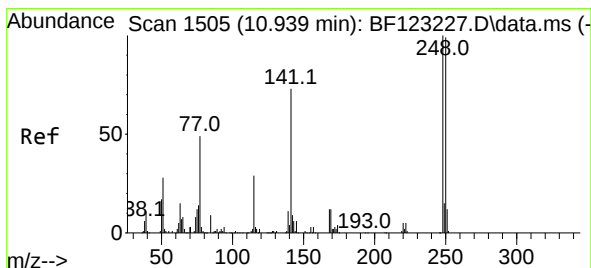
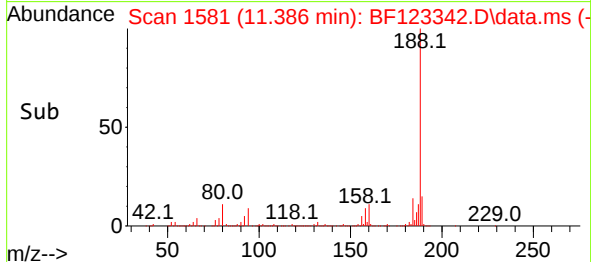
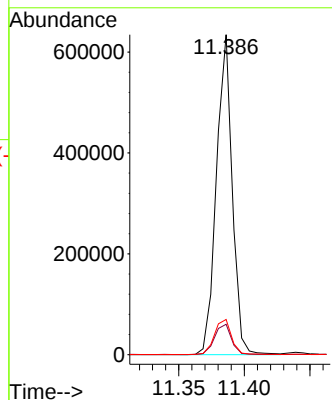
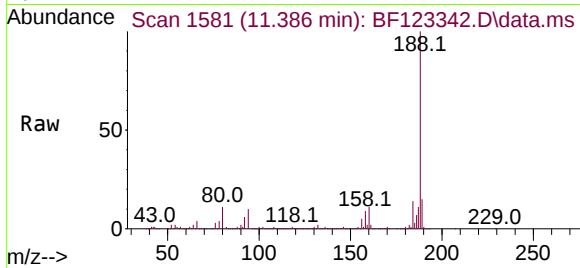




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

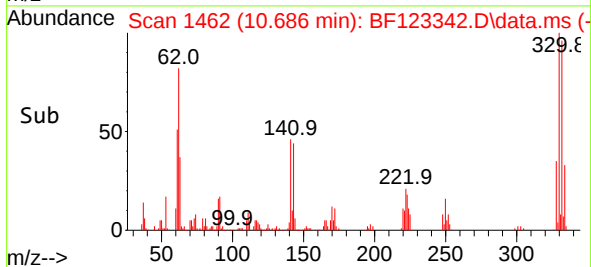
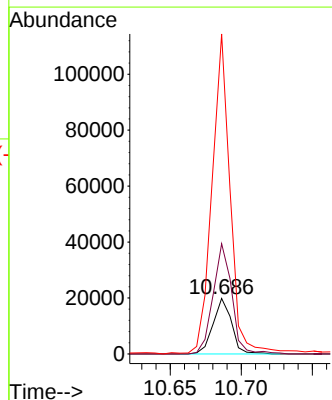
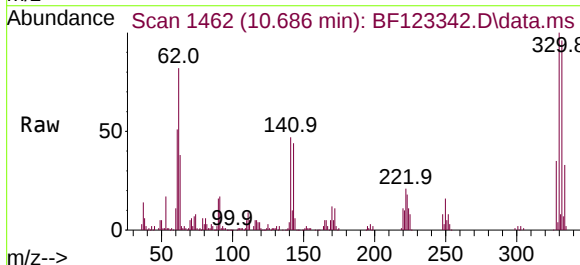
Instrument :
BNA_F
ClientSampleId :
OB-722-X

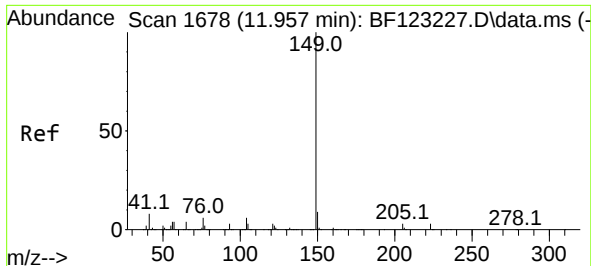
Tgt Ion:188 Resp: 532786
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:248 Resp: 18004
Ion Ratio Lower Upper
248 100
250 198.9 76.8 115.2#
141 577.1 59.8 89.8#

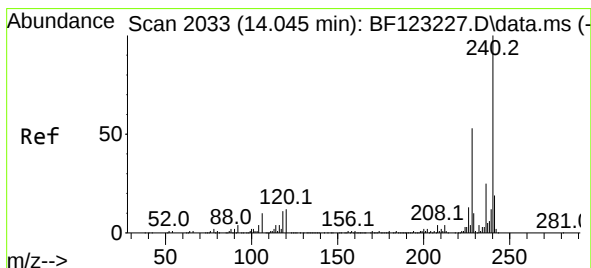
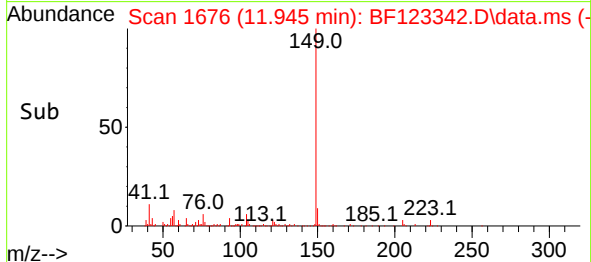
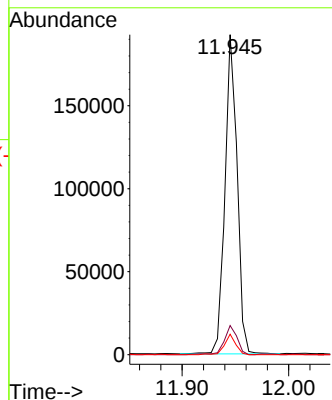
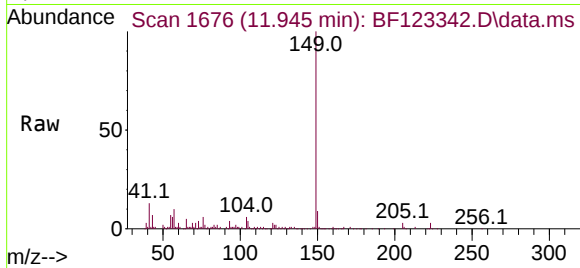




#74
Di-n-butylphthalate
Concen: 4.58 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

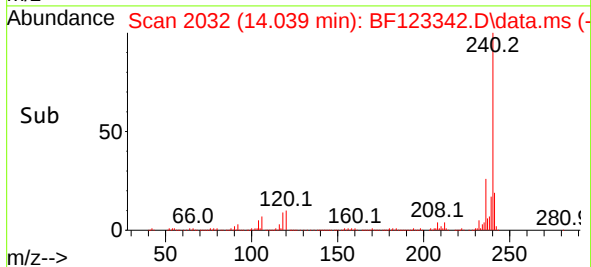
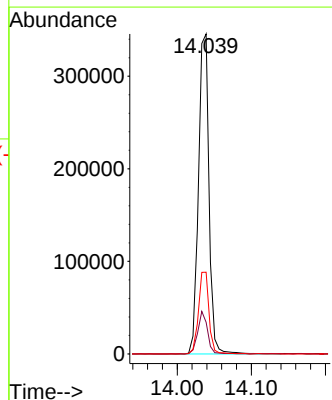
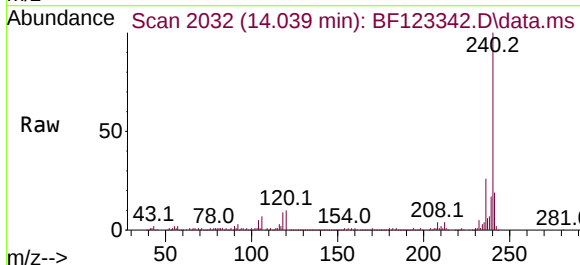
Instrument :
BNA_F
ClientSampled :
OB-722-X

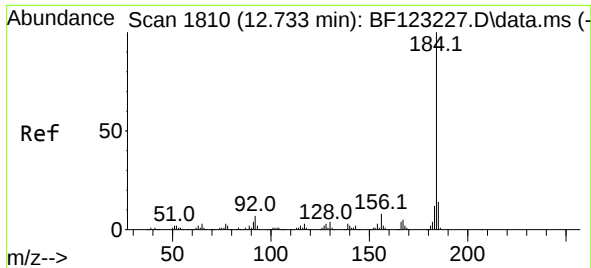
Tgt Ion:149 Resp: 151602
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 6.4 4.2 6.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:240 Resp: 341655
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.6 20.3 30.5

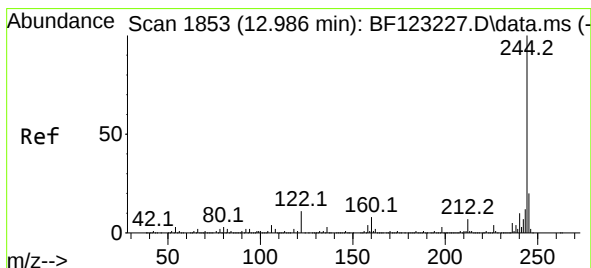
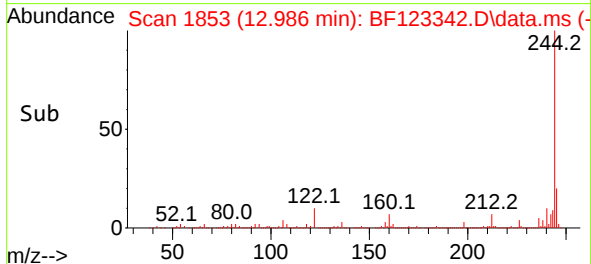
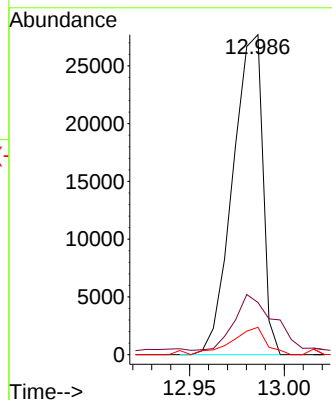
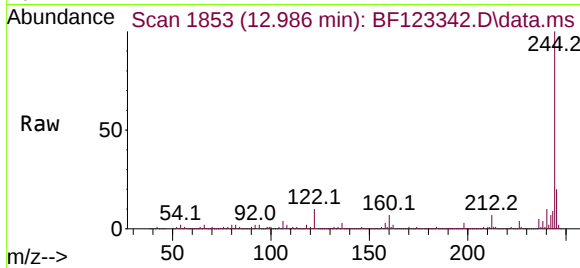




#77
Benzidine
Concen: 2.76 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

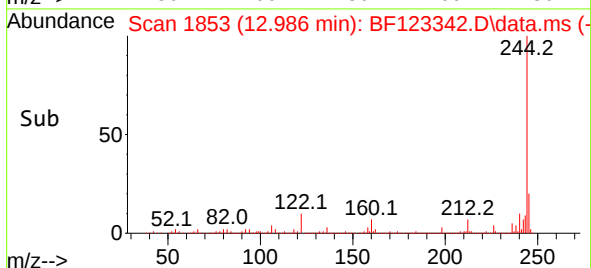
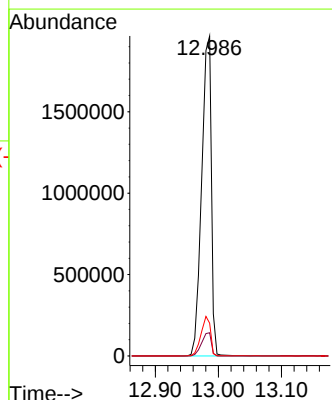
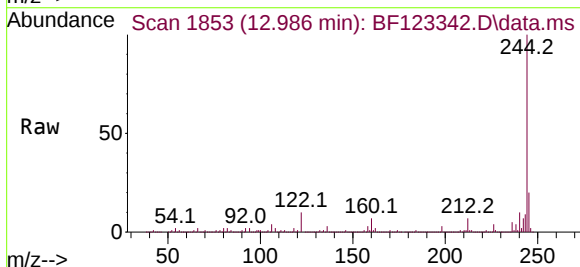
Instrument :
BNA_F
ClientSampled :
OB-722-X

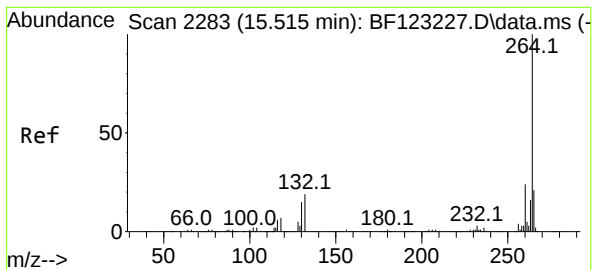
Tgt Ion:184 Resp: 30464
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 8.6 9.7 14.5#



#79
Terphenyl-d14
Concen: 117.67 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Tgt Ion:244 Resp: 2090671
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.3 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123342.D
Acq: 2 Mar 2021 18:21

Instrument :
BNA_F
ClientSampleId :
OB-722-X

Tgt Ion:264 Resp: 271028

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.1	17.0	25.6

