

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123343.D
 Acq On : 2 Mar 2021 18:53
 Operator : JU/CG
 Sample : M1521-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Mar 02 23:51:28 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)

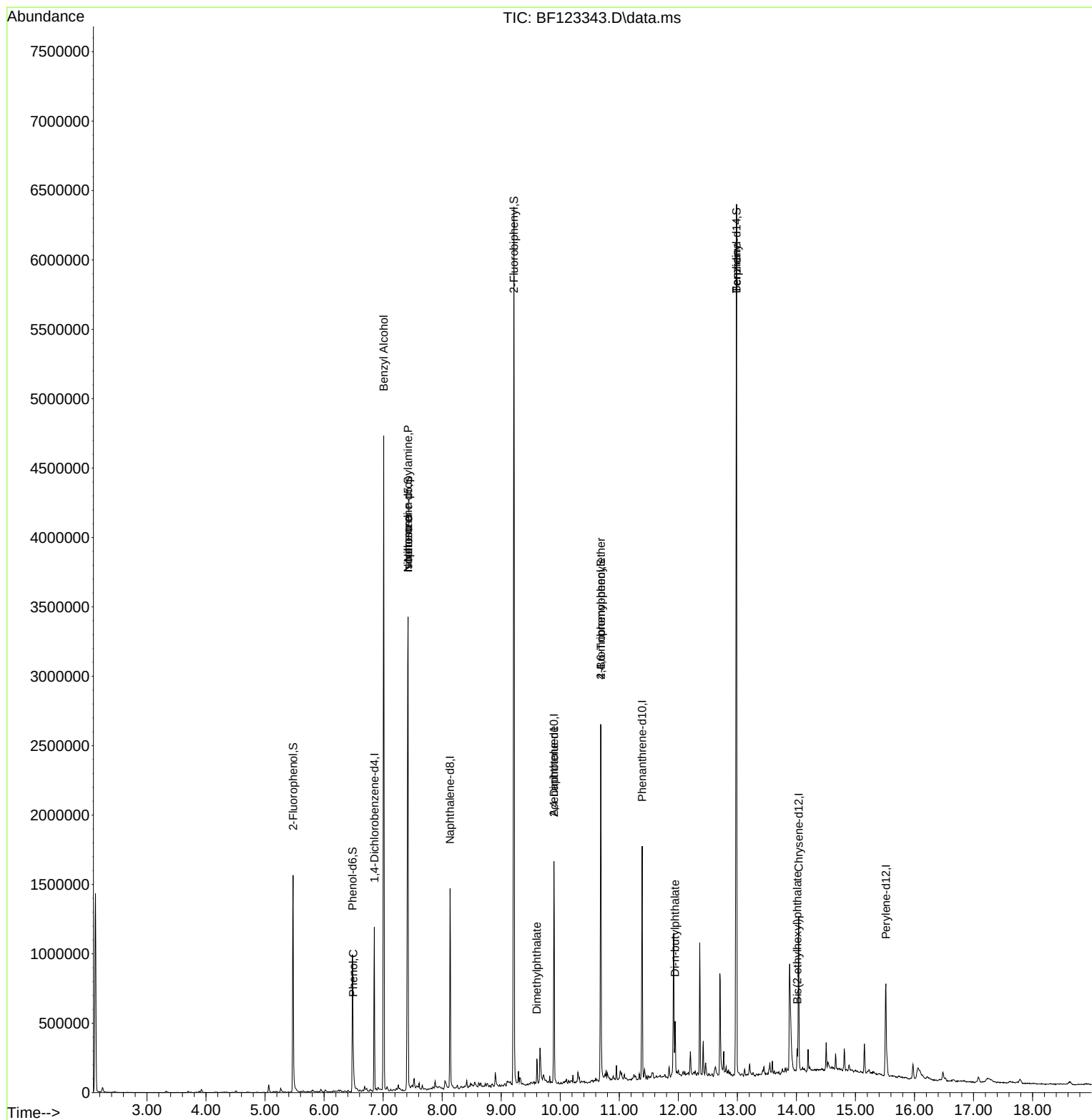
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	142921	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	583334	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	298998	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	545250	20.00	ng	0.00
76) Chrysene-d12	14.039	240	363342	20.00	ng	0.00
86) Perylene-d12	15.515	264	289761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	422846	42.59	ng	0.00
7) Phenol-d6	6.481	99	332629	24.66	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1294671	101.60	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	265953	87.35	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	2020982	97.09	ng	0.00
79) Terphenyl-d14	12.986	244	2277713	120.54	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	1478	Below Cal		98
10) Phenol	6.492	94	47256	3.21 ng		89
15) Benzyl Alcohol	7.010	79	23163	2.20 ng	#	49
19) n-Nitroso-di-n-propyla...	7.422	70	183918	22.92 ng	#	78
25) Isophorone	7.422	82	1290966	54.18 ng	#	65
50) Dimethylphthalate	9.604	163	61045	2.73 ng		98
57) 2,4-Dinitrotoluene	9.892	165	38571	5.57 ng	#	26
67) 4-Bromophenyl-phenylether	10.686	248	20000	3.36 ng	#	1
74) Di-n-butylphthalate	11.945	149	150998	4.46 ng		99
77) Benzidine	12.986	184	33840	2.88 ng	#	94
84) Bis(2-ethylhexyl)phtha...	14.015	149	40237	2.44 ng		94

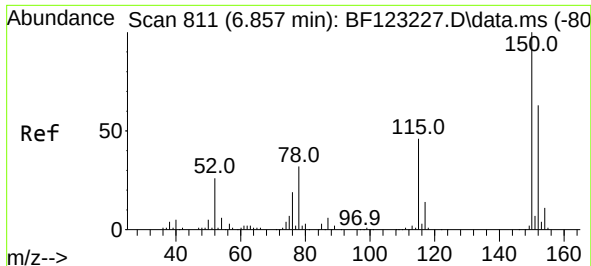
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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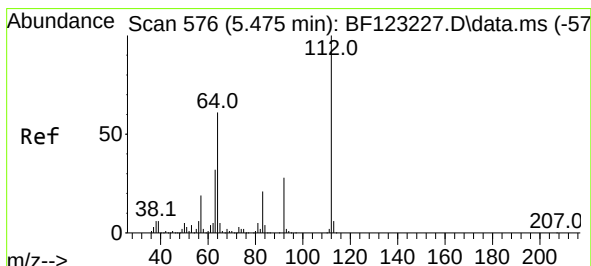
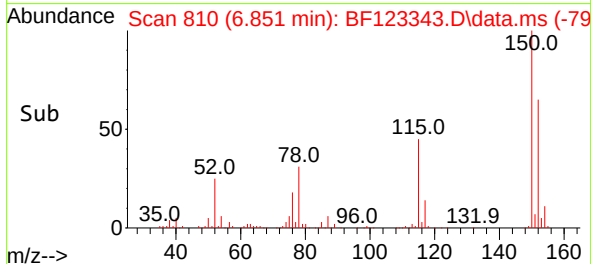
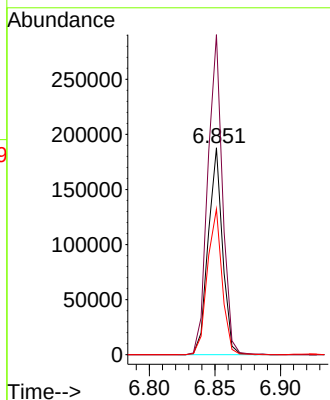
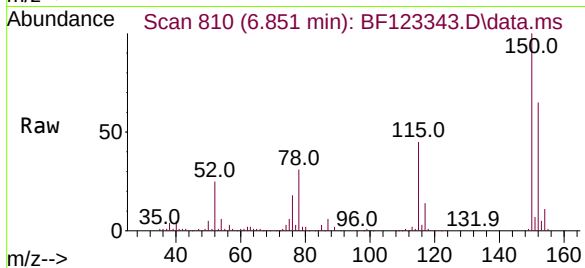




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

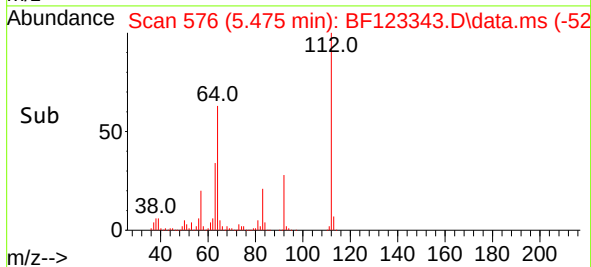
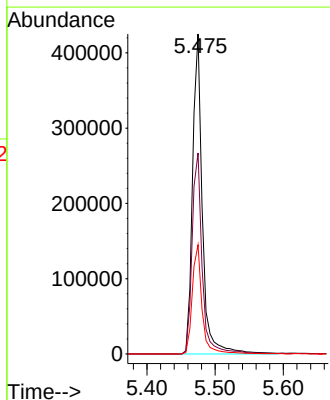
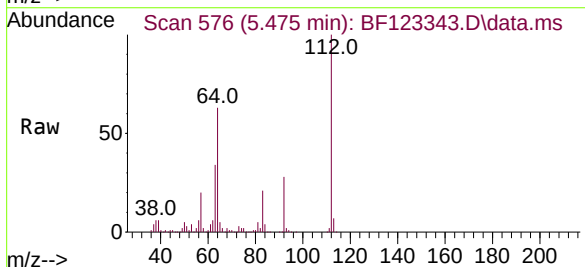
Instrument :
BNA_F
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OB-722

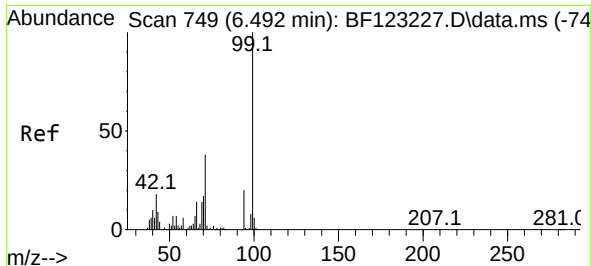
Tgt Ion:152 Resp: 142921
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 70.4 49.3 73.9



#5
2-Fluorophenol
Concen: 42.59 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:112 Resp: 422846
Ion Ratio Lower Upper
112 100
64 62.8 46.9 70.3
63 34.1 24.5 36.7

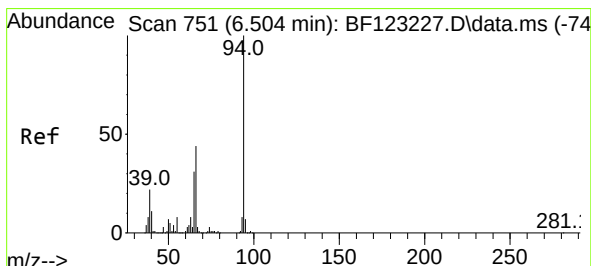
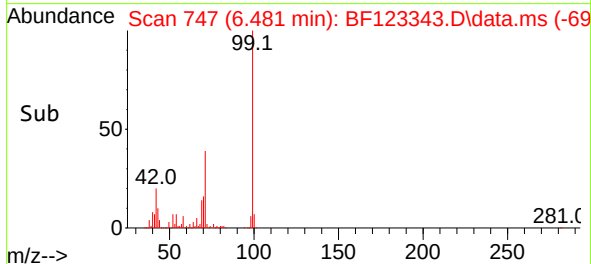
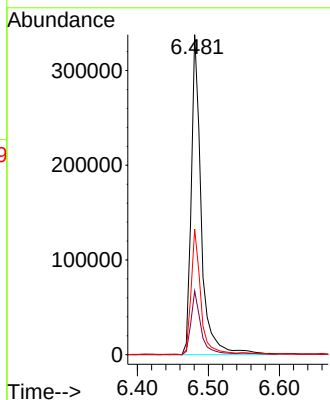
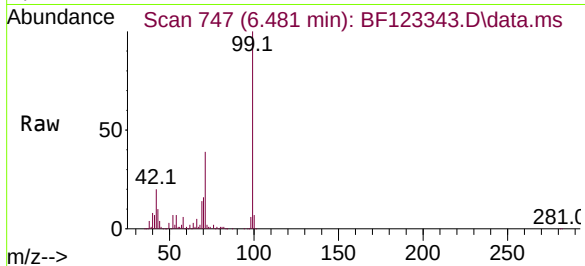




#7
Phenol-d6
Concen: 24.66 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

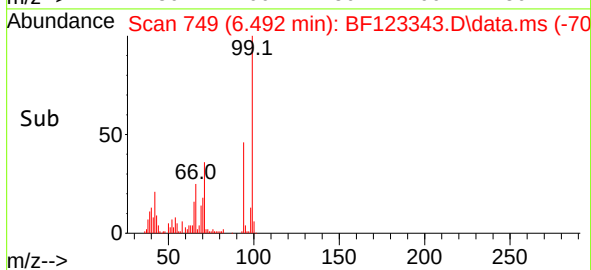
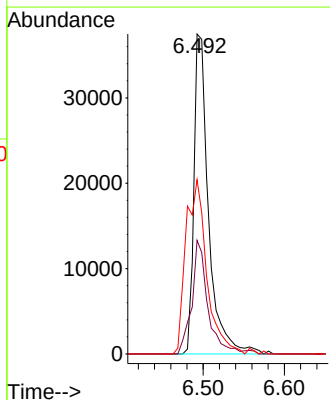
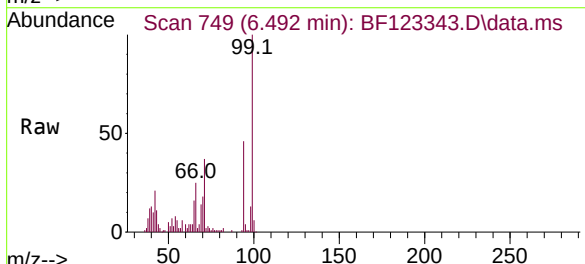
Instrument :
BNA_F
ClientSampleId :
OB-722

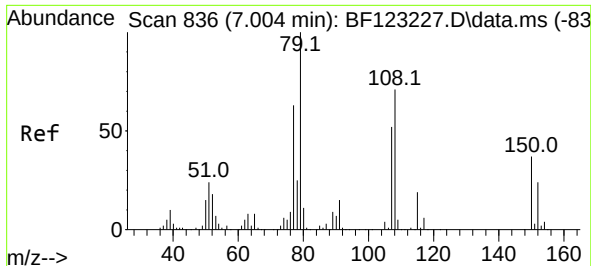
Tgt Ion: 99 Resp: 332629
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 39.2 26.9 40.3



#10
Phenol
Concen: 3.21 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion: 94 Resp: 47256
Ion Ratio Lower Upper
94 100
65 35.5 11.2 51.2
66 54.5 25.8 65.8





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF123343.D

Acq: 2 Mar 2021 18:53

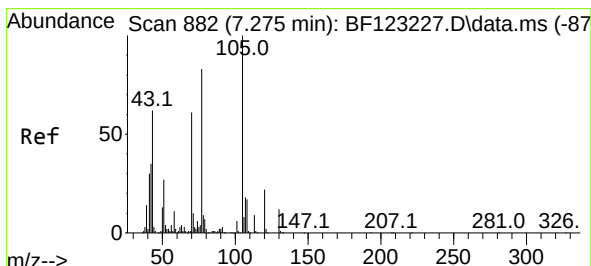
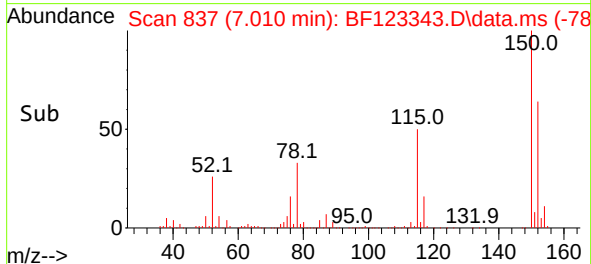
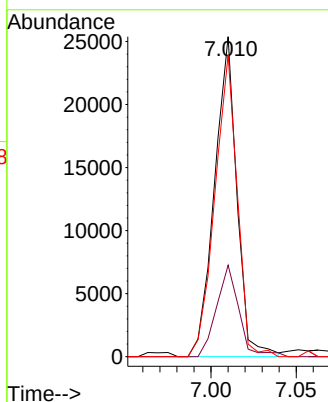
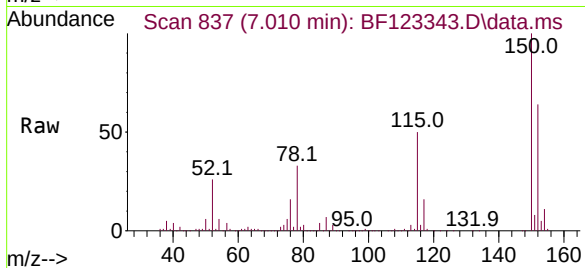
Tgt Ion: 79 Resp: 23163

Ion Ratio Lower Upper

79 100

108 28.6 62.4 93.6#

77 94.3 49.0 73.6#



#19

n-Nitroso-di-n-propylamine

Concen: 22.92 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.147 min

Lab File: BF123343.D

Acq: 2 Mar 2021 18:53

Tgt Ion: 70 Resp: 183918

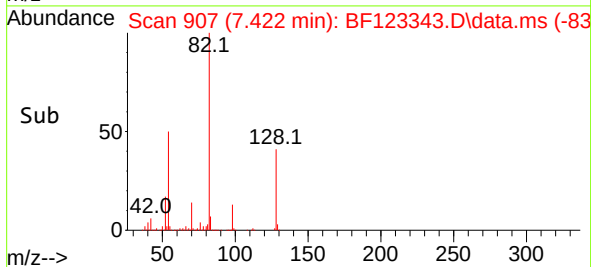
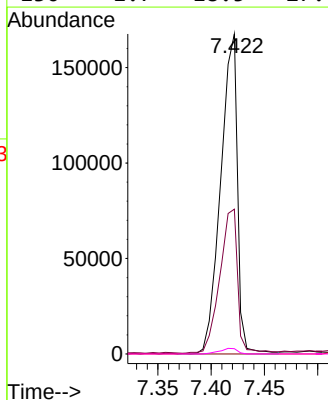
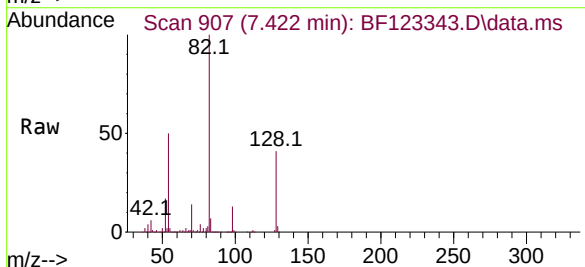
Ion Ratio Lower Upper

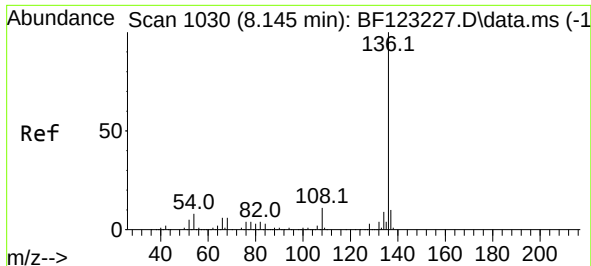
70 100

42 45.3 43.0 64.4

101 0.0 7.9 11.9#

130 1.7 18.5 27.7#

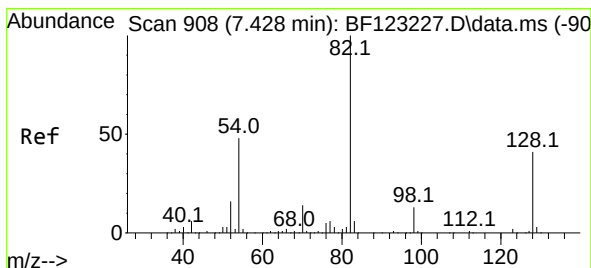
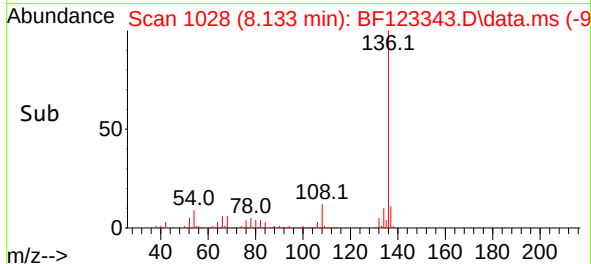
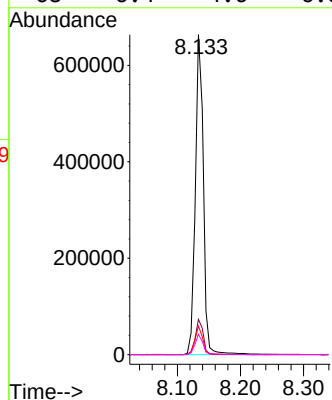
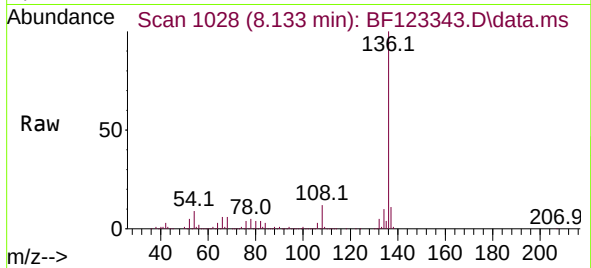




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

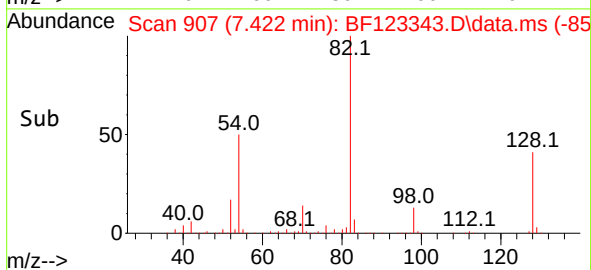
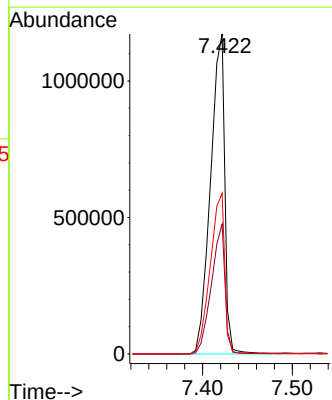
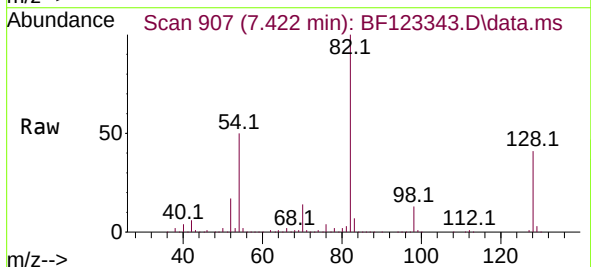
Instrument :
BNA_F
ClientSampleId :
OB-722

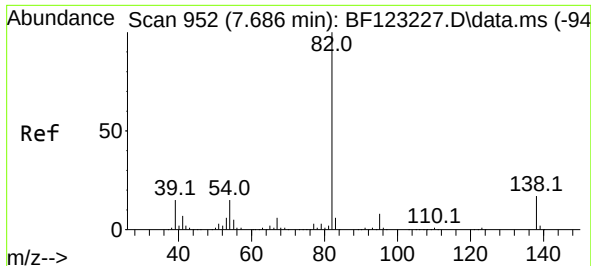
Tgt Ion:	136	Resp:	583334
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	5.5	8.3#
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 101.60 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:	82	Resp:	1294671
Ion	Ratio	Lower	Upper
82	100		
128	40.6	37.0	55.4
54	50.2	38.4	57.6

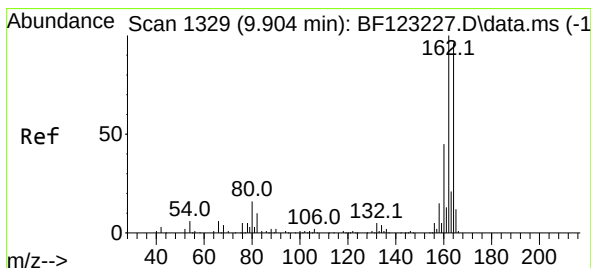
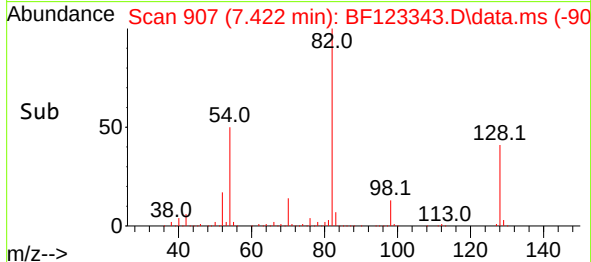
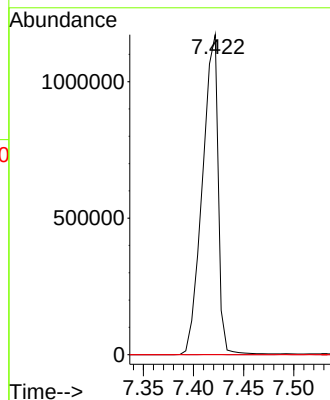
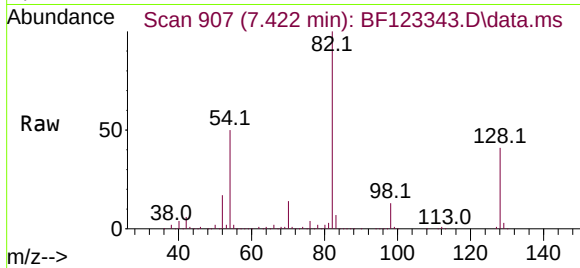




#25
Isophorone
Concen: 54.18 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

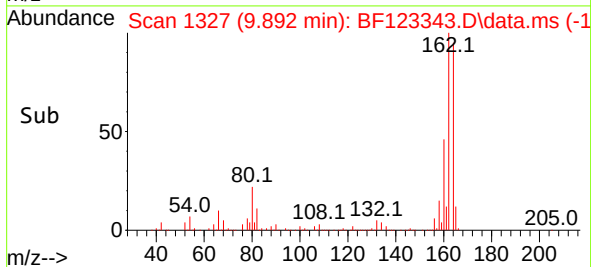
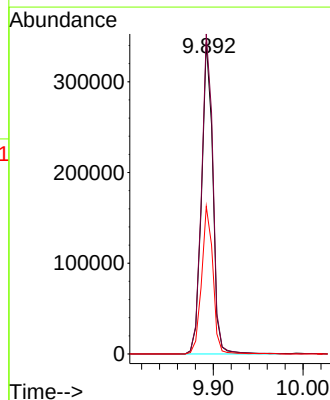
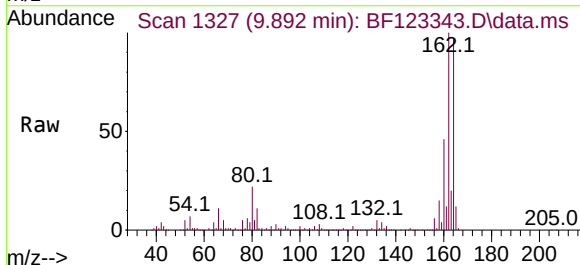
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ClientSampleId :
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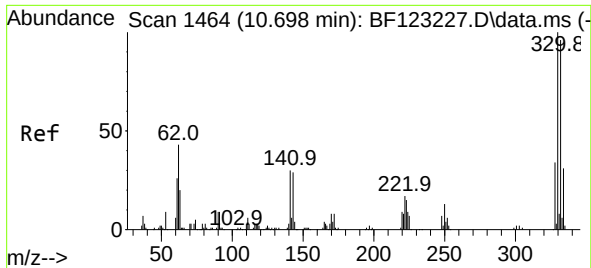
Tgt Ion: 82 Resp: 1290966
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion: 164 Resp: 298998
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 47.3 35.4 53.0

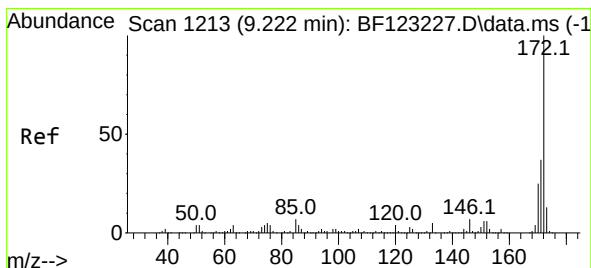
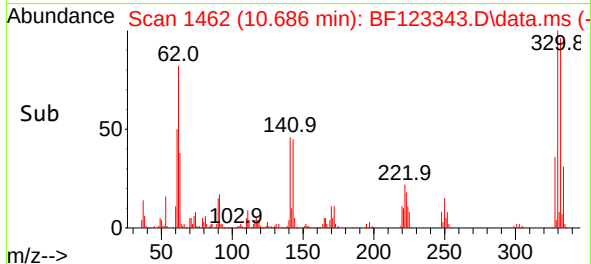
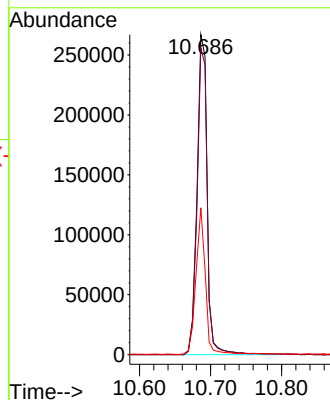
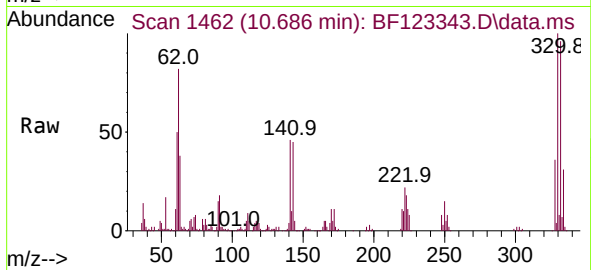




#42
 2,4,6-Tribromophenol
 Concen: 87.35 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF123343.D
 Acq: 2 Mar 2021 18:53

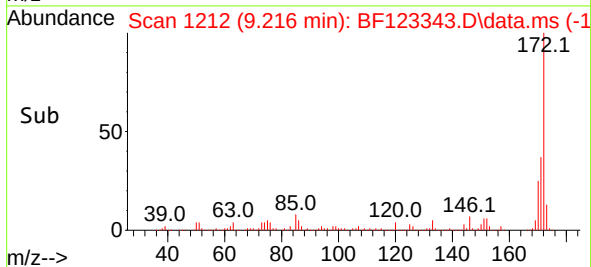
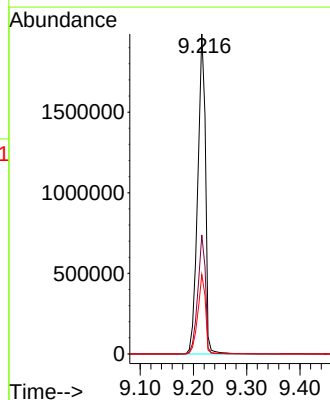
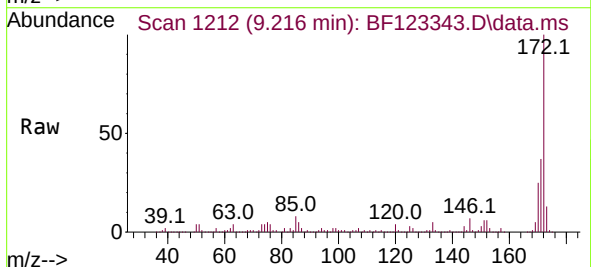
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 ClientSampled :
 OB-722

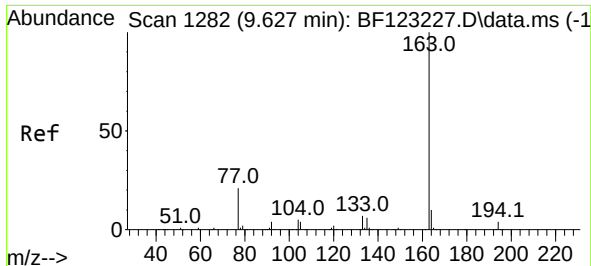
Tgt Ion: 330 Resp: 265953
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.5 116.3
 141 42.2 23.8 35.8#



#45
 2-Fluorobiphenyl
 Concen: 97.09 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF123343.D
 Acq: 2 Mar 2021 18:53

Tgt Ion: 172 Resp: 2020982
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.8 19.5 29.3

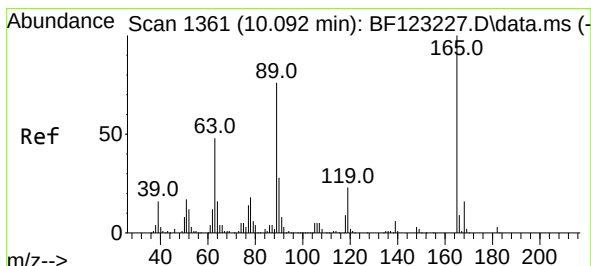
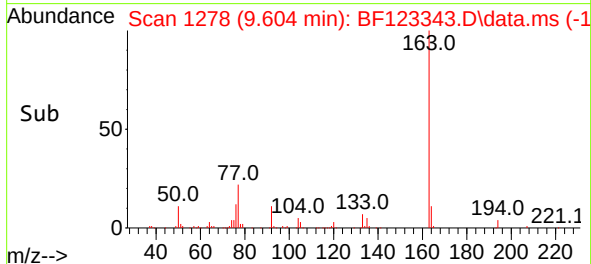
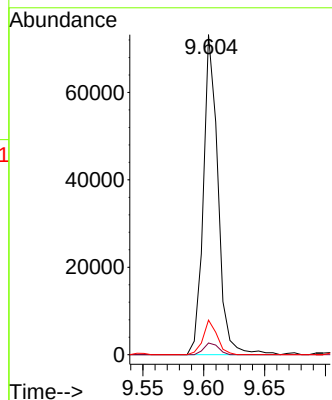
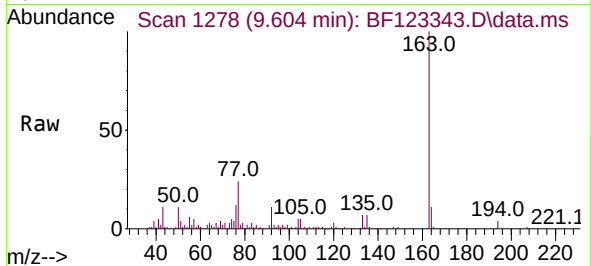




#50
Dimethylphthalate
Concen: 2.73 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.024 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

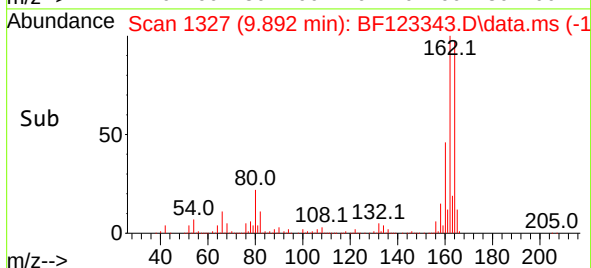
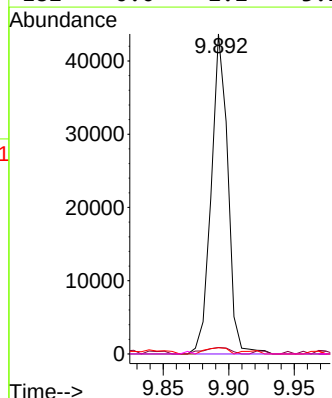
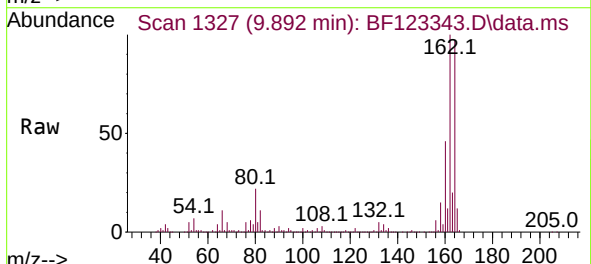
Instrument :
BNA_F
ClientSampleId :
OB-722

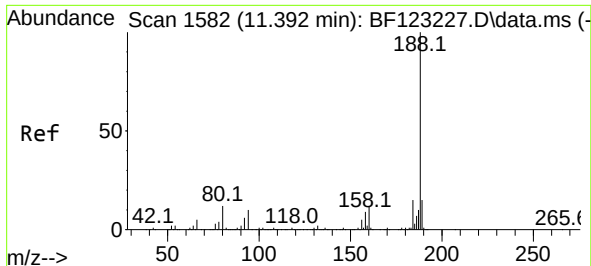
Tgt Ion:163 Resp: 61045
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.8 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:165 Resp: 38571
Ion Ratio Lower Upper
165 100
63 2.0 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#

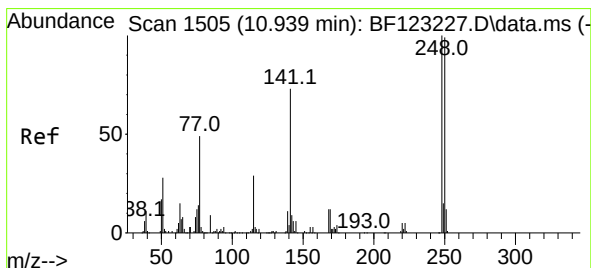
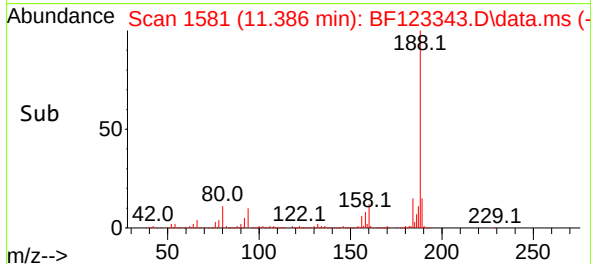
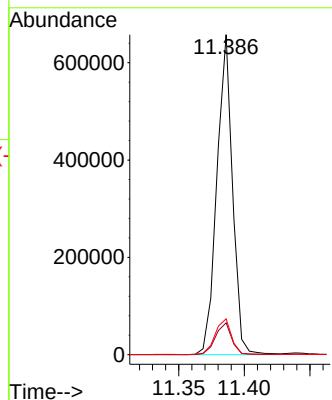
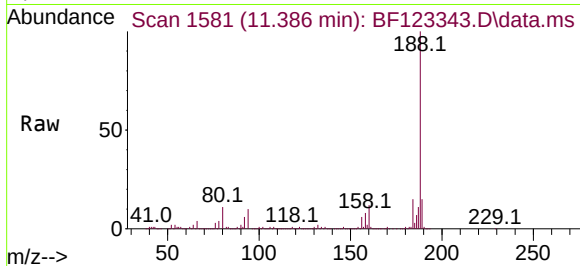




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

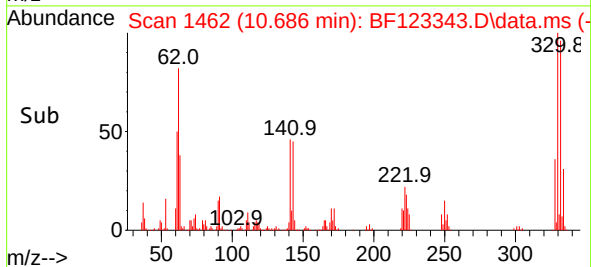
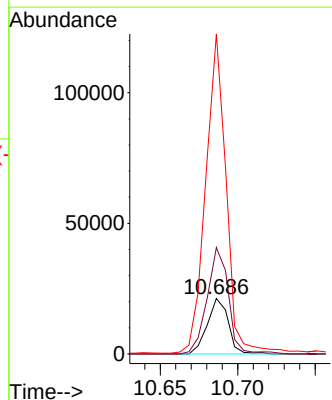
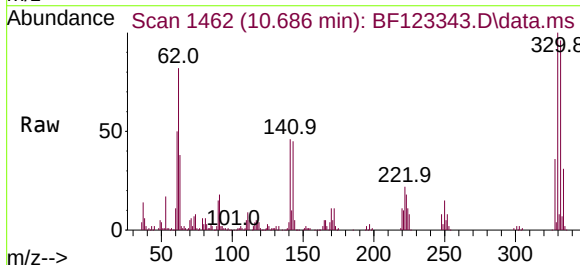
Instrument :
BNA_F
ClientSampleId :
OB-722

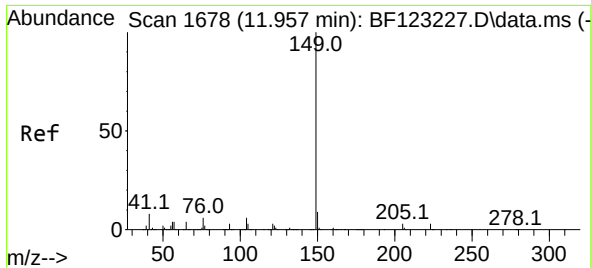
Tgt Ion:188 Resp: 545250
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:248 Resp: 20000
Ion Ratio Lower Upper
248 100
250 191.6 76.8 115.2#
141 576.3 59.8 89.8#

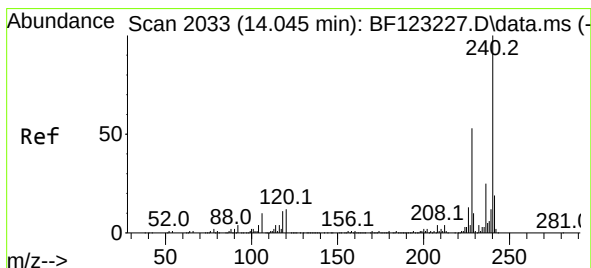
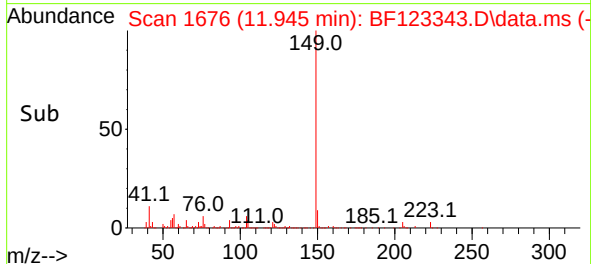
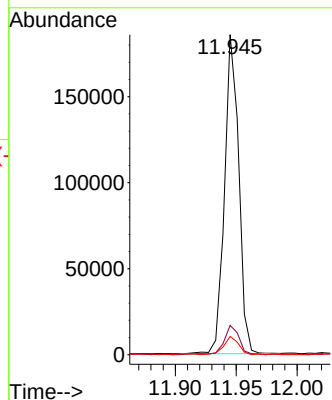
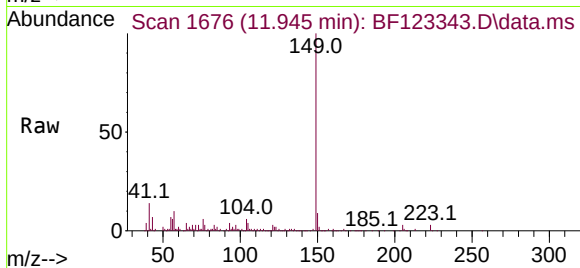




#74
Di-n-butylphthalate
Concen: 4.46 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

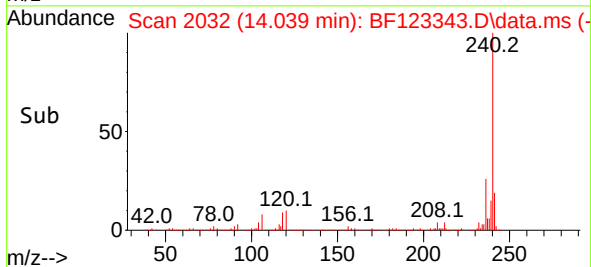
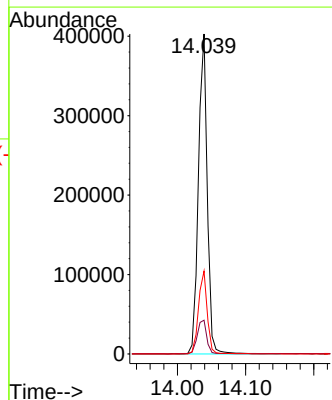
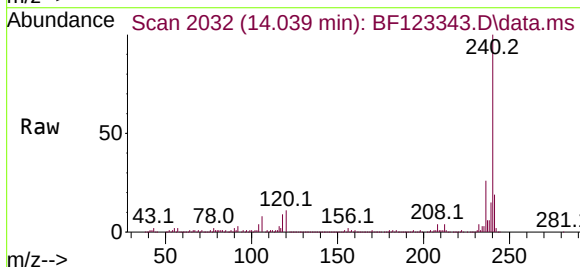
Instrument :
BNA_F
ClientSampleId :
OB-722

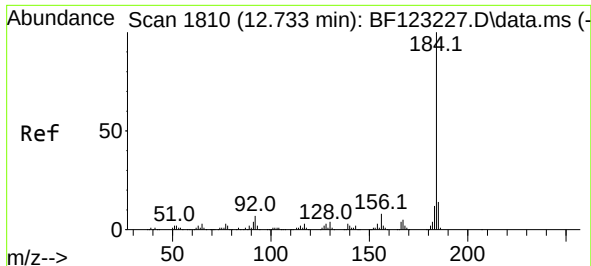
Tgt Ion:149 Resp: 150998
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.7 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:240 Resp: 363342
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.9 20.3 30.5

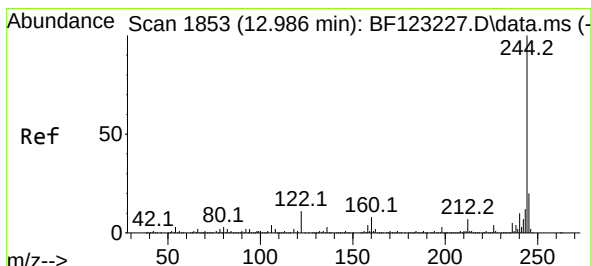
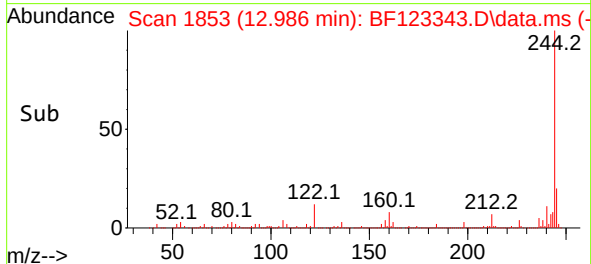
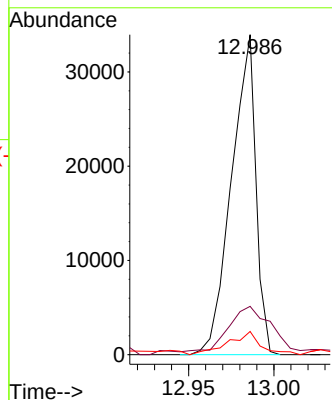
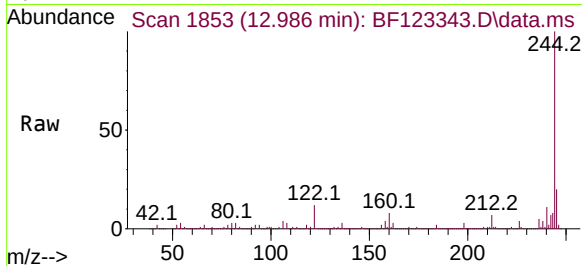




#77
Benzidine
Concen: 2.88 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

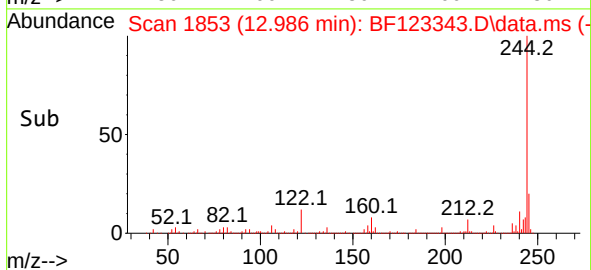
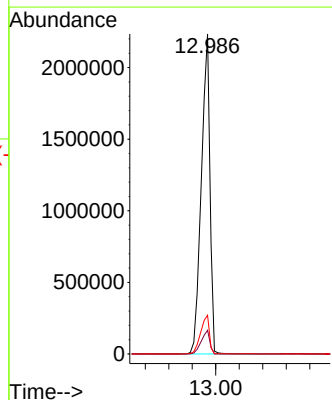
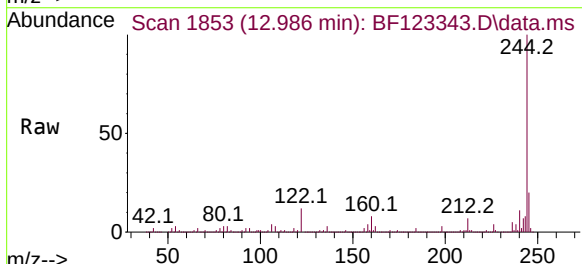
Instrument :
BNA_F
ClientSampled :
OB-722

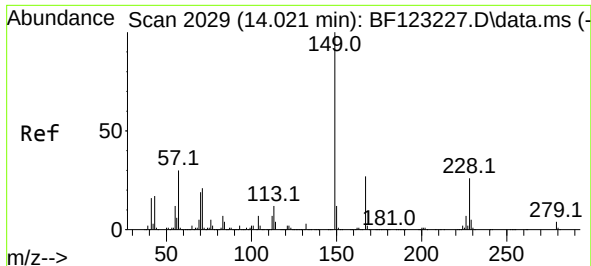
Tgt Ion:184 Resp: 33840
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 7.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 120.54 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123343.D
Acq: 2 Mar 2021 18:53

Tgt Ion:244 Resp: 2277713
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.1 8.3 12.5

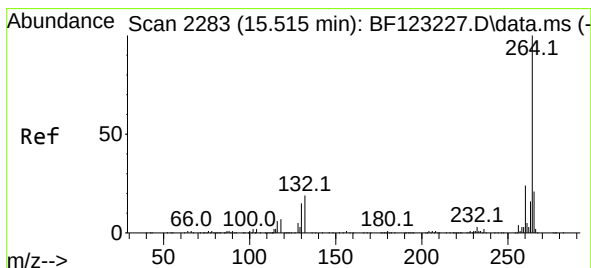
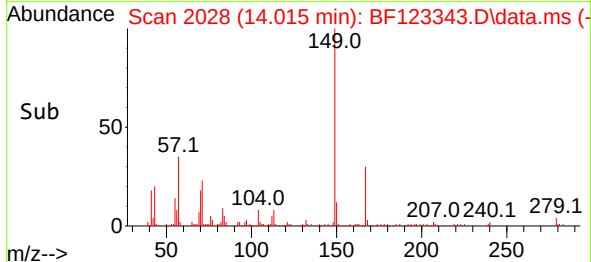
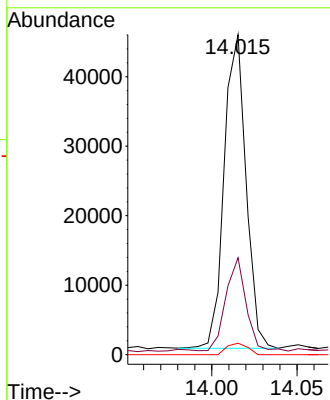
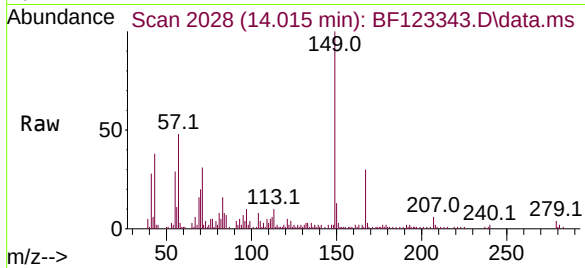




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.44 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF123343.D
 Acq: 2 Mar 2021 18:53

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tgt Ion:149 Resp: 40237
 Ion Ratio Lower Upper
 149 100
 167 30.3 21.4 32.2
 279 3.6 3.4 5.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF123343.D
 Acq: 2 Mar 2021 18:53

Tgt Ion:264 Resp: 289761
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 20.2 17.0 25.6

