

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122069.D
 Acq On : 22 Oct 2020 00:51
 Operator : JU/CG
 Sample : L4456-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: Oct 22 03:03:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

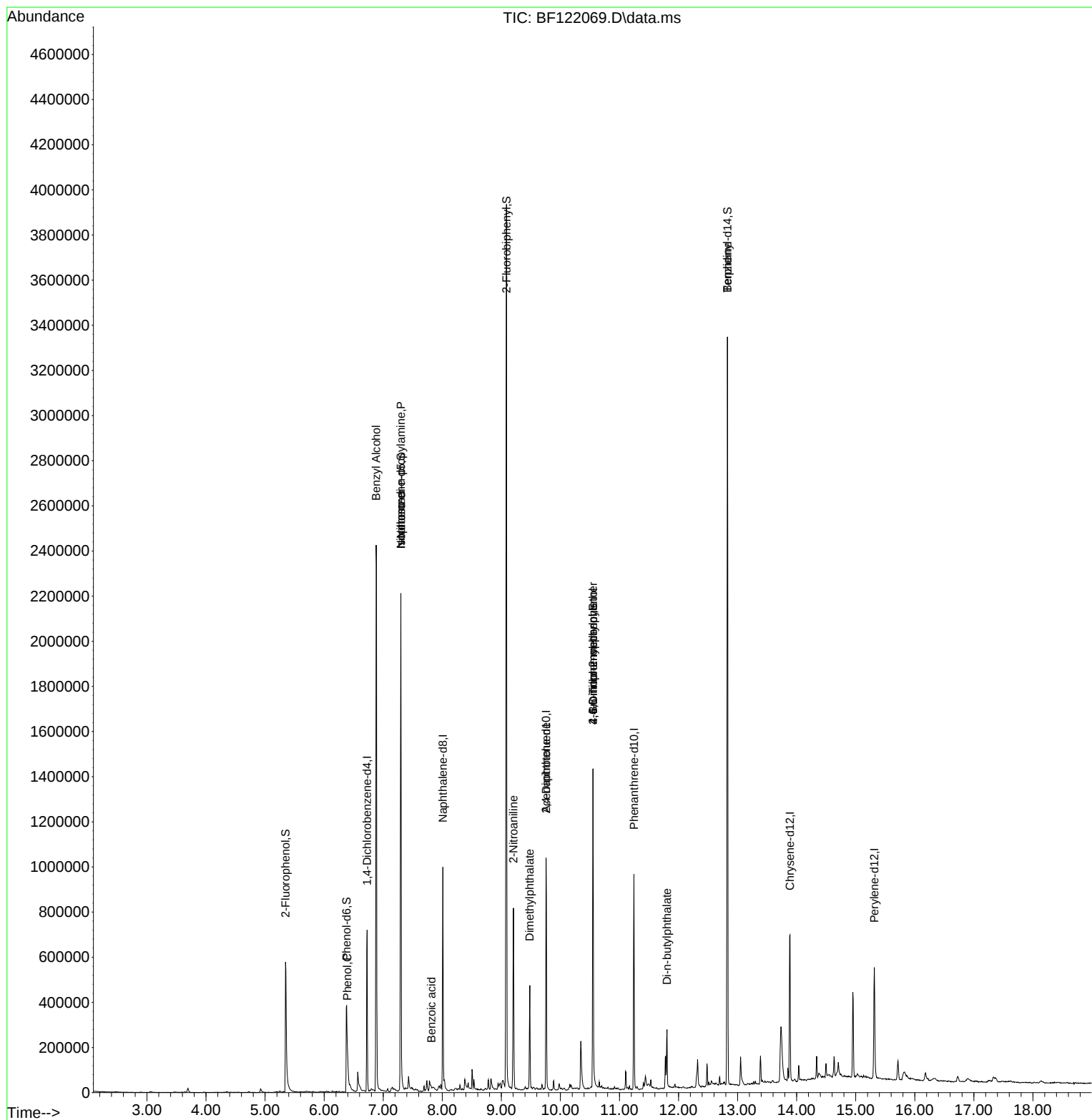
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	105061	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	404169	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	198543	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	328083	20.00	ng	0.00
76) Chrysene-d12	13.886	240	238796	20.00	ng	0.00
86) Perylene-d12	15.316	264	206899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	227463	31.95	ng	0.00
7) Phenol-d6	6.381	99	184349	20.12	ng	0.00
23) Nitrobenzene-d5	7.298	82	697623	88.52	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	174767	71.16	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1193639	88.46	ng	0.00
79) Terphenyl-d14	12.827	244	1187176	94.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.316	77	653	Below Cal	#	66
10) Phenol	6.393	94	39347	4.16	ng	88
15) Benzyl Alcohol	6.881	79	16459	2.78	ng	# 49
19) n-Nitroso-di-n-propyla...	7.298	70	94070	18.03	ng	# 80
25) Isophorone	7.298	82	694401	46.60	ng	# 67
32) Benzoic acid	7.816	122	5240	8.85	ng	# 85
48) 2-Nitroaniline	9.204	65	8678	2.10	ng	# 14
50) Dimethylphthalate	9.481	163	167667	11.55	ng	99
57) 2,4-Dinitrotoluene	9.757	165	24584	6.27	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.551	198	268	4.54	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	10059	2.65	ng	# 1
74) Di-n-butylphthalate	11.804	149	110628	5.80	ng	98
77) Benzidine	12.827	184	15039	2.04	ng	# 91

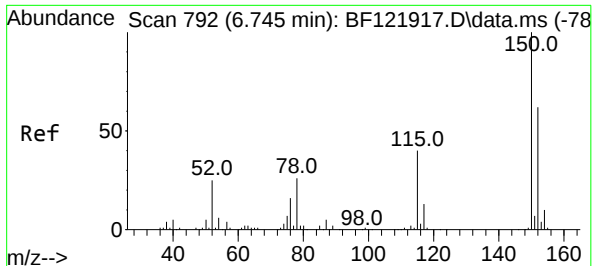
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

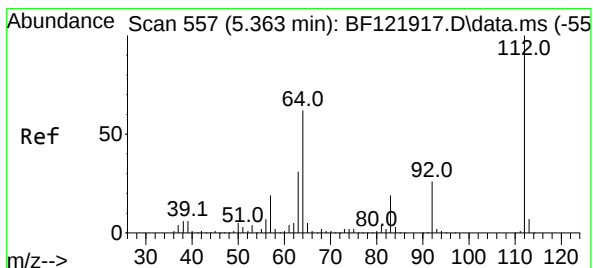
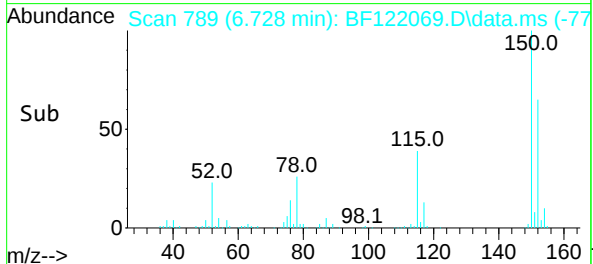
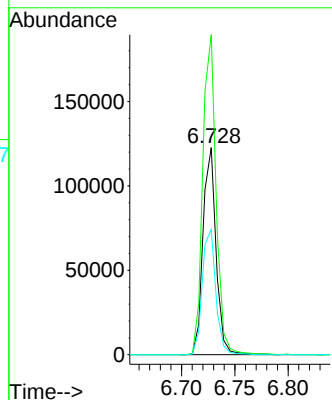
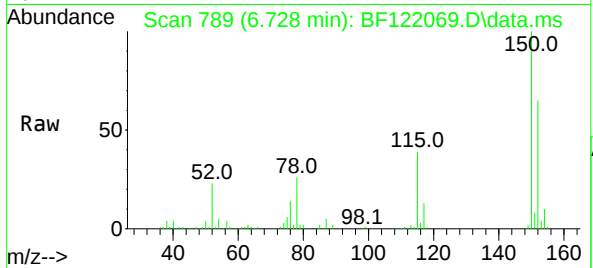




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

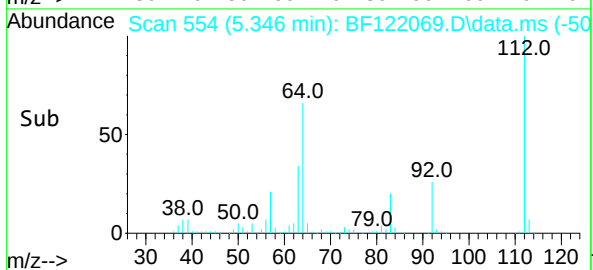
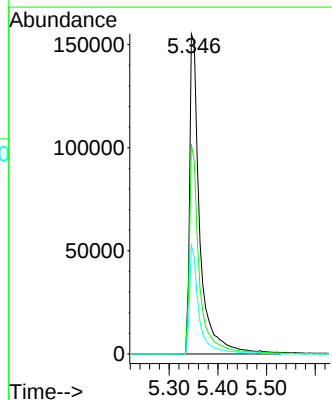
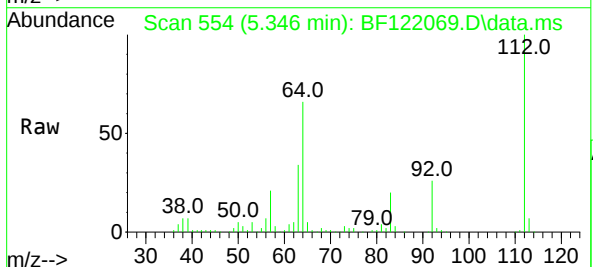
Instrument :
BNA_F
ClientSampleId :
HP-640

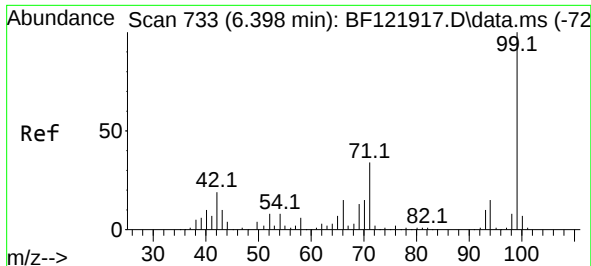
Tgt Ion:152 Resp: 105061
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 31.95 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:112 Resp: 227463
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 33.9 25.8 38.6

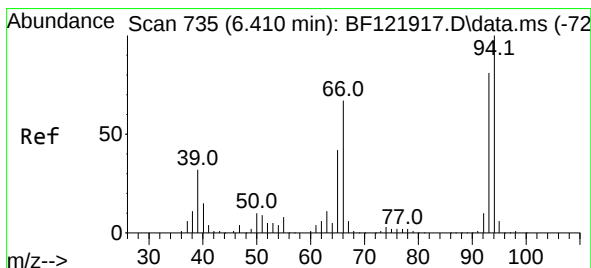
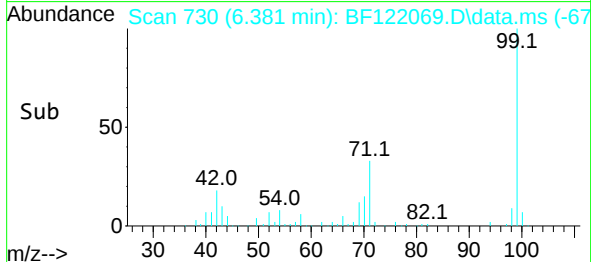
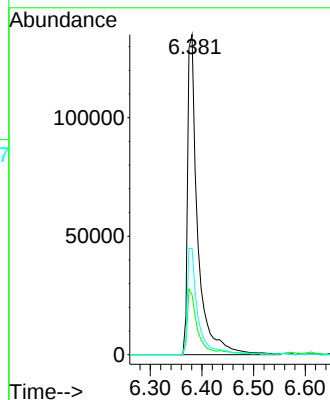
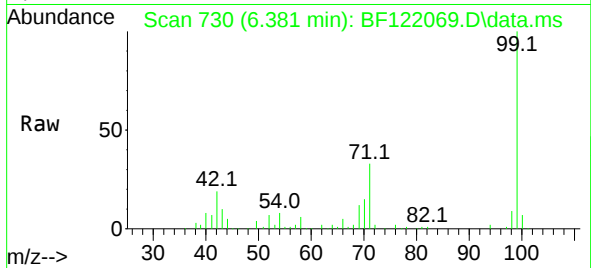




#7
Phenol-d6
Concen: 20.12 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

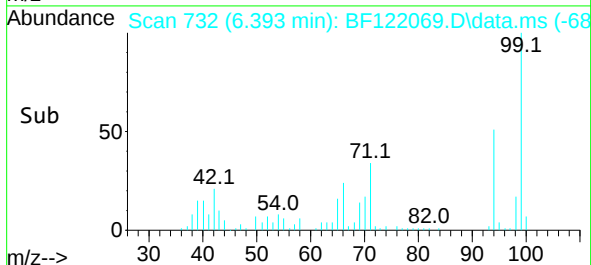
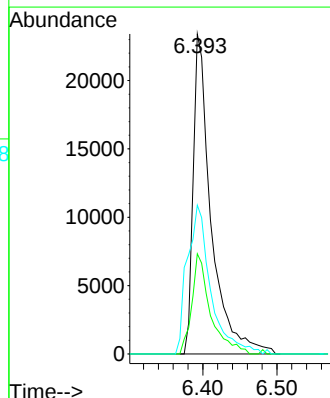
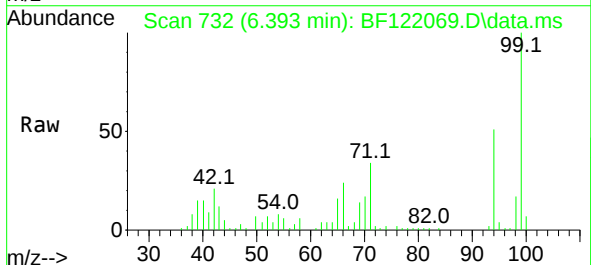
Instrument :
BNA_F
ClientSampleId :
HP-640

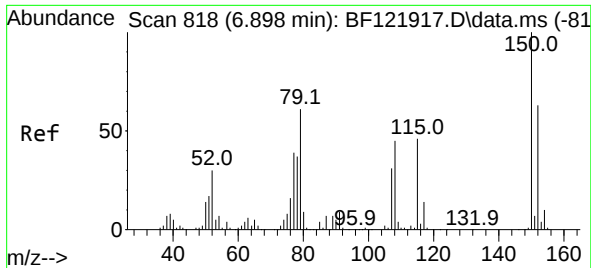
Tgt Ion: 99 Resp: 184349
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 33.3 27.1 40.7



#10
Phenol
Concen: 4.16 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 94 Resp: 39347
Ion Ratio Lower Upper
94 100
65 31.3 17.1 57.1
66 46.5 36.0 76.0

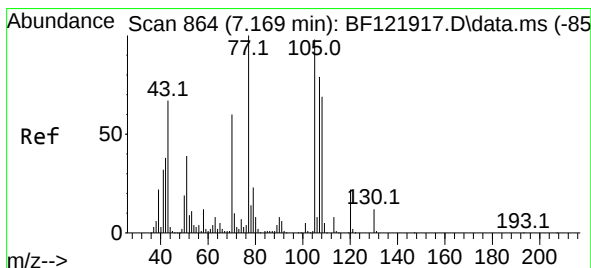
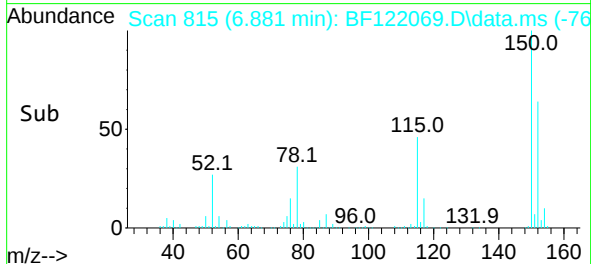
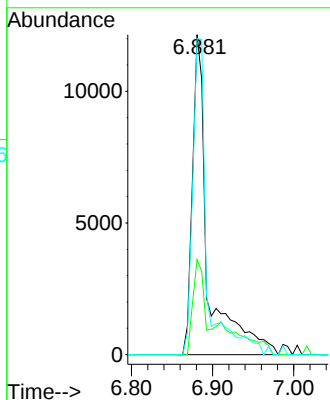
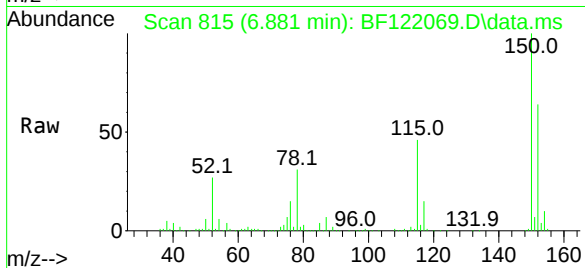




#15
Benzyl Alcohol
Concen: 2.78 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

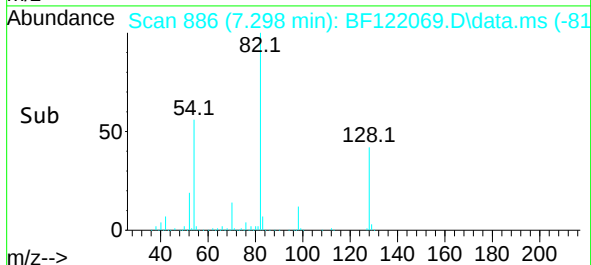
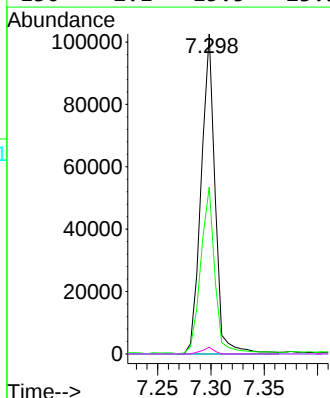
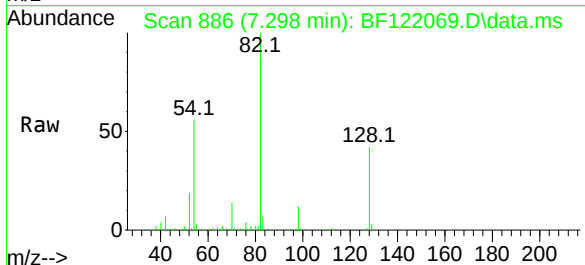
Instrument :
BNA_F
ClientSampleId :
HP-640

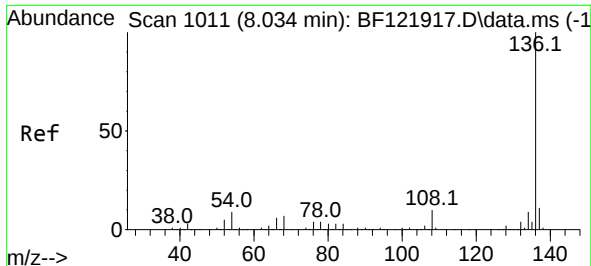
Tgt Ion: 79 Resp: 16459
Ion Ratio Lower Upper
79 100
108 29.7 62.3 93.5#
77 98.8 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.03 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 70 Resp: 94070
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



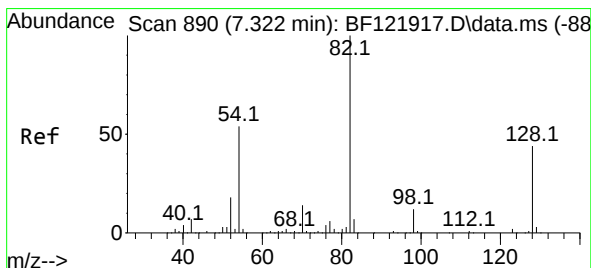
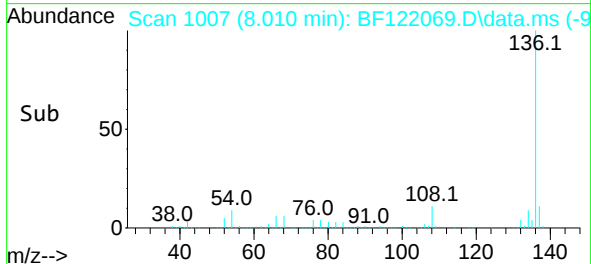
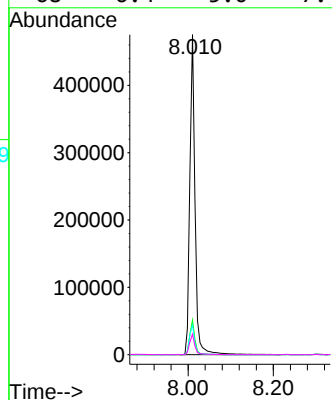
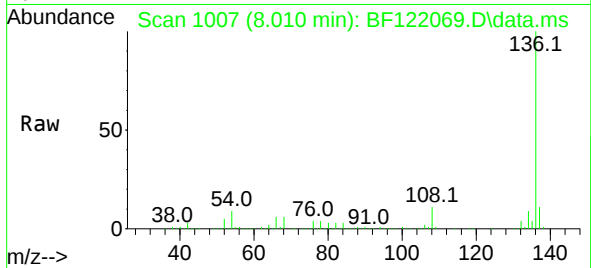


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:136 Resp: 404169

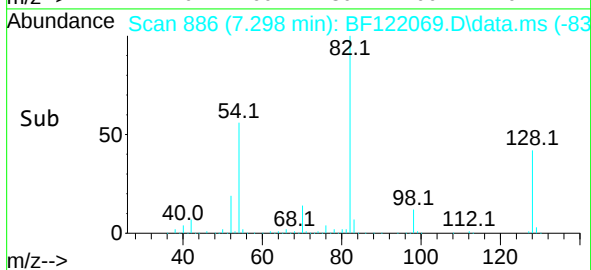
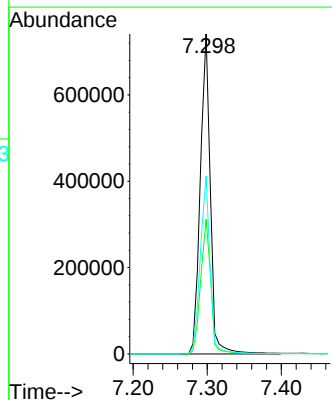
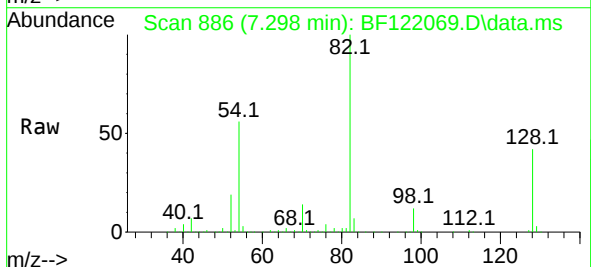
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.1	10.7
68	6.4	5.0	7.4

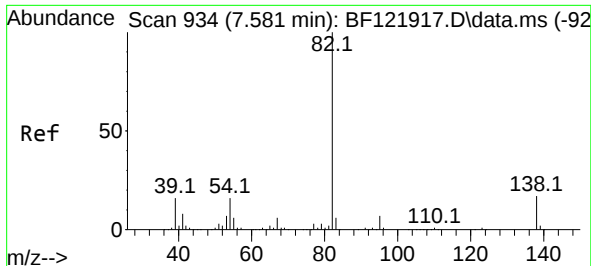


#23
Nitrobenzene-d5
Concen: 88.52 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 82 Resp: 697623

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.0	52.4
54	55.6	43.9	65.9

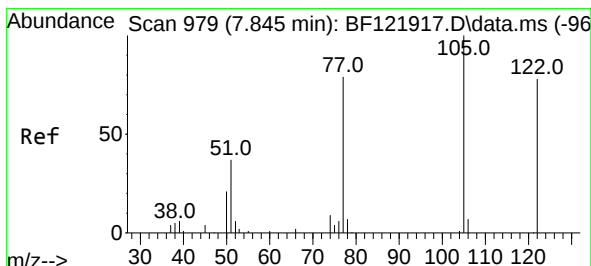
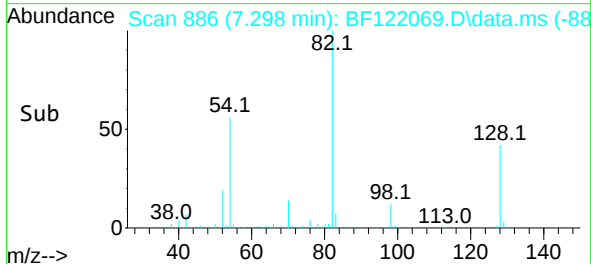
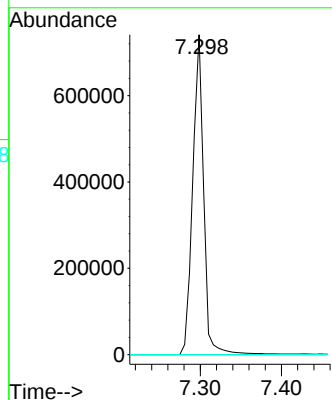
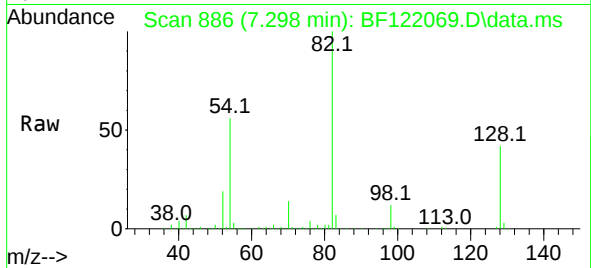




#25
Isophorone
Concen: 46.60 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

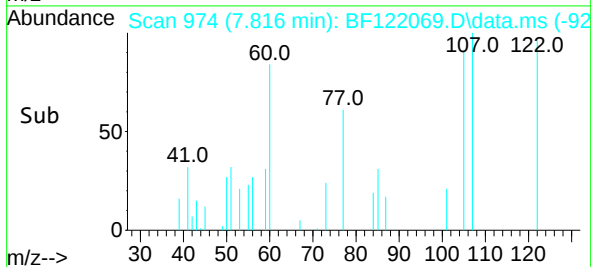
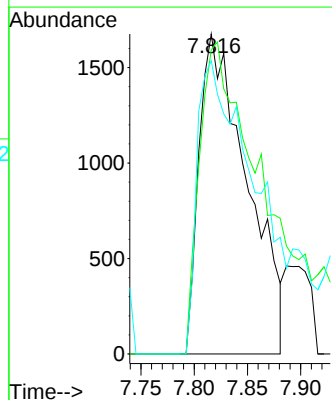
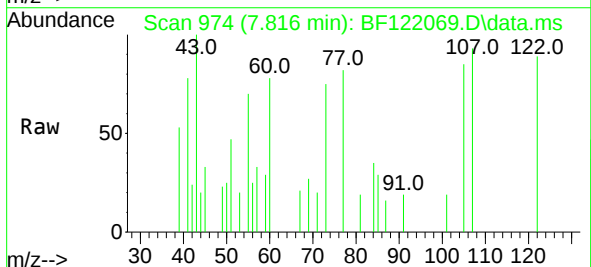
Instrument :
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ClientSampleId :
HP-640

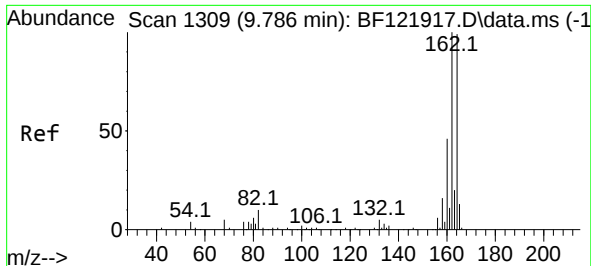
Tgt Ion: 82 Resp: 694401
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.85 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

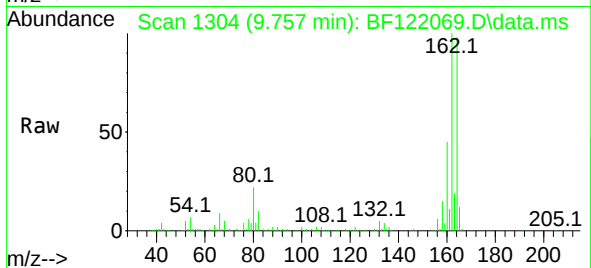
Tgt Ion: 122 Resp: 5240
Ion Ratio Lower Upper
122 100
105 95.0 103.3 143.3#
77 91.6 73.9 113.9



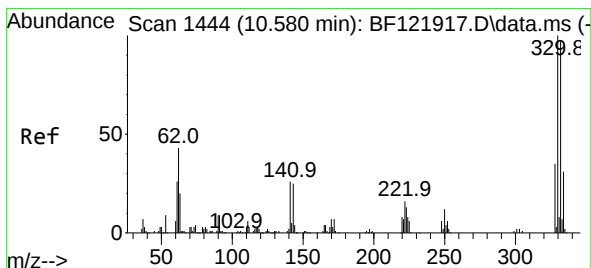
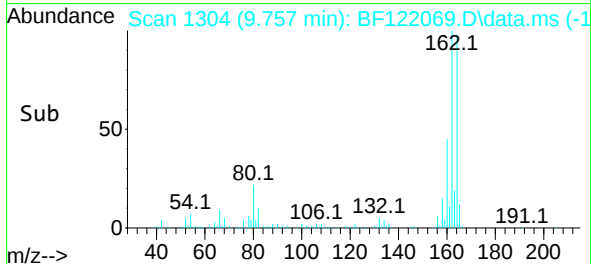
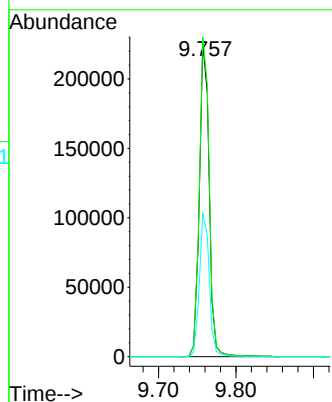


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Instrument :
BNA_F
ClientSampleId :
HP-640

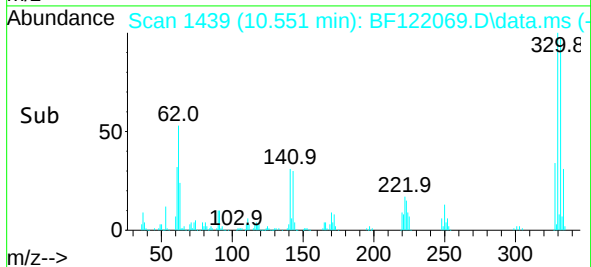
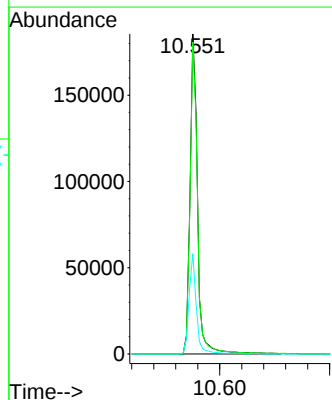
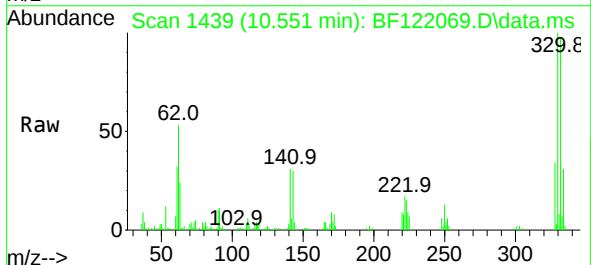


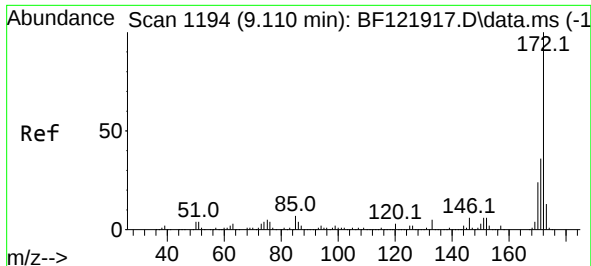
Tgt Ion:164 Resp: 198543
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 45.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 71.16 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:330 Resp: 174767
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.2 22.3 33.5

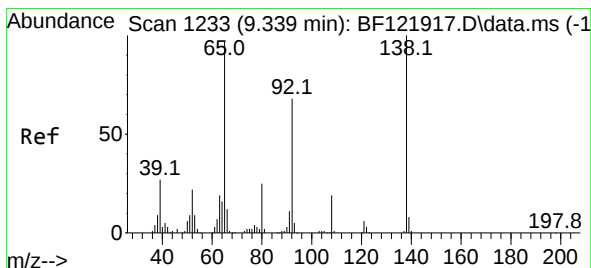
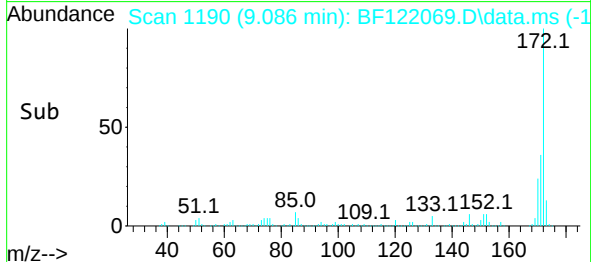
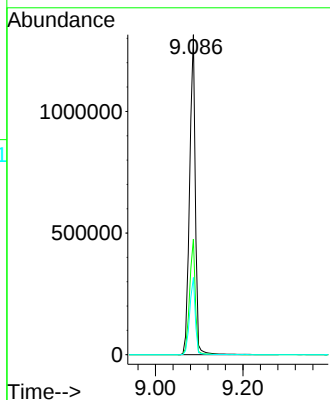
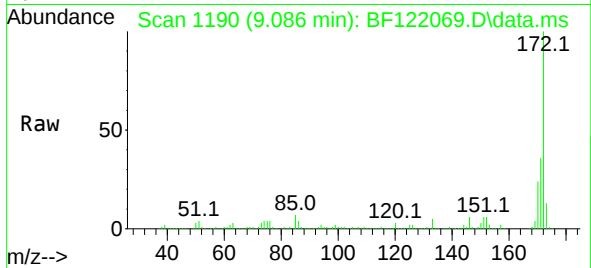




#45
2-Fluorobiphenyl
Concen: 88.46 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

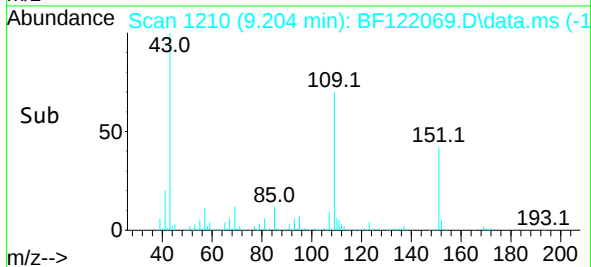
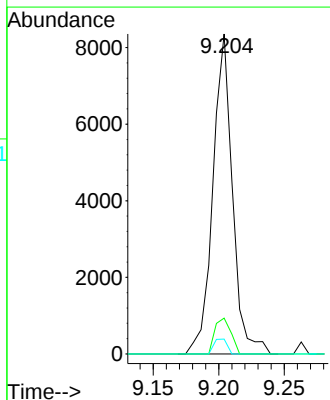
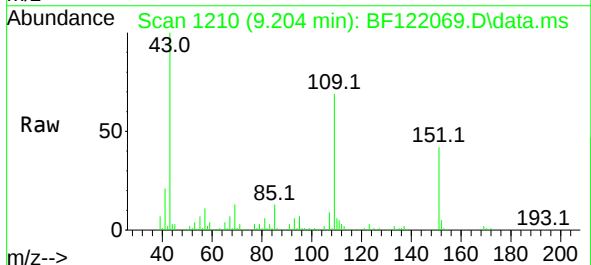
Instrument :
BNA_F
ClientSampleId :
HP-640

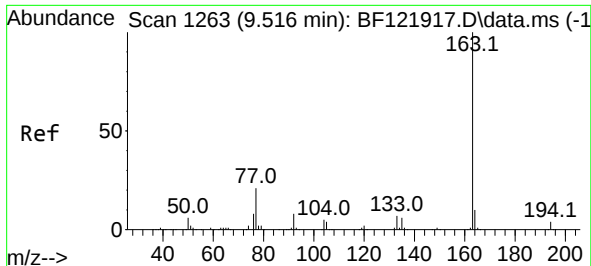
Tgt Ion:172 Resp: 1193639
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6



#48
2-Nitroaniline
Concen: 2.10 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.118 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 65 Resp: 8678
Ion Ratio Lower Upper
65 100
92 11.2 55.1 82.7#
138 4.6 80.5 120.7#

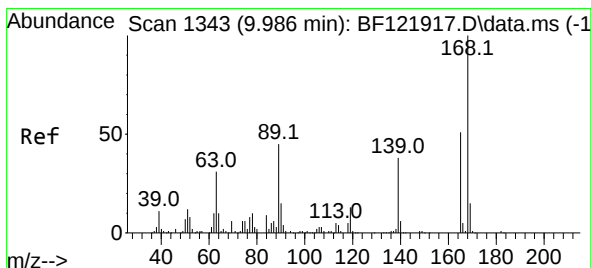
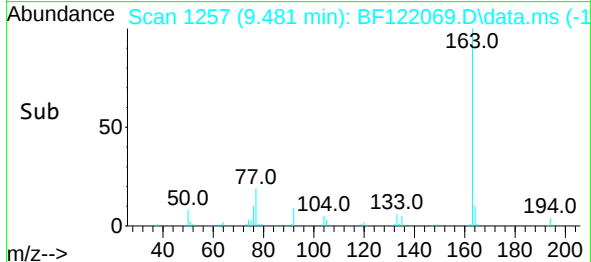
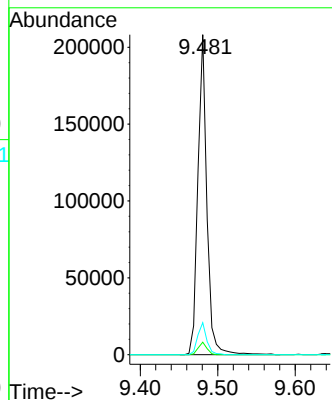
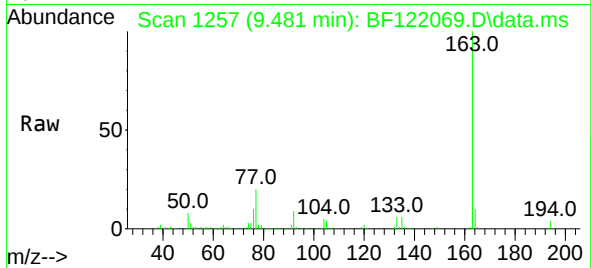




#50
Dimethylphthalate
Concen: 11.55 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

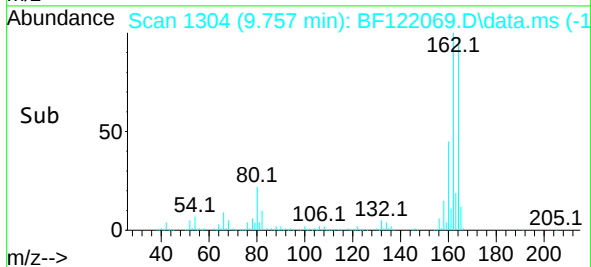
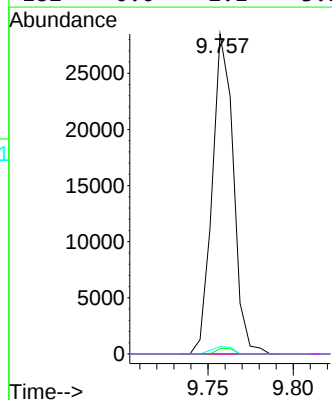
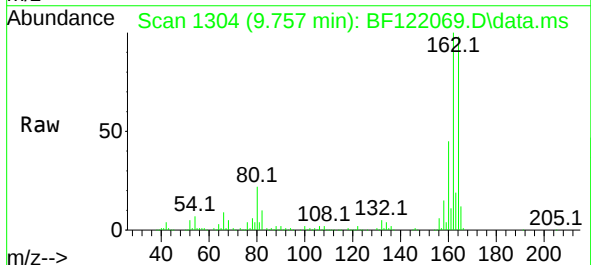
Instrument :
BNA_F
ClientSampleId :
HP-640

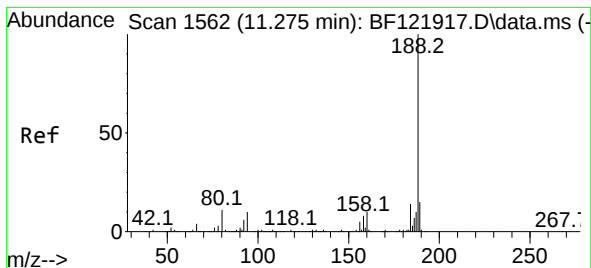
Tgt Ion:163 Resp: 167667
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:165 Resp: 24584
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 2.3 61.8 92.8#
182 0.0 2.1 3.1#

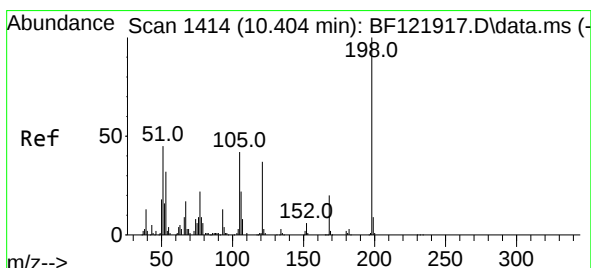
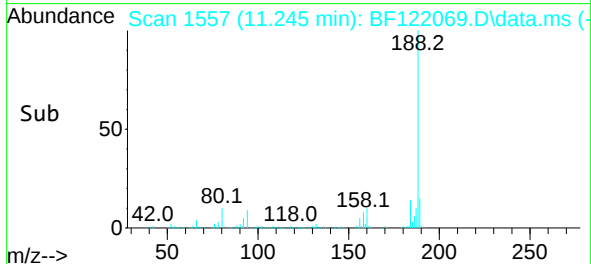
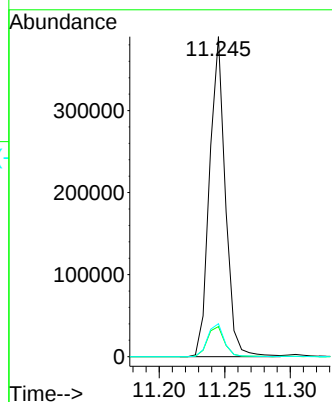
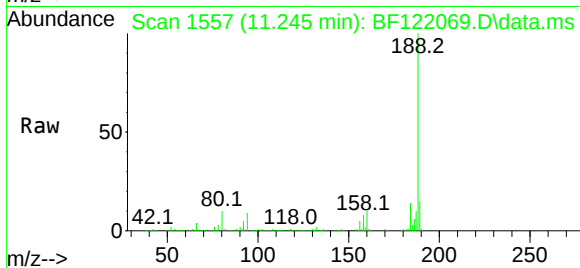




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

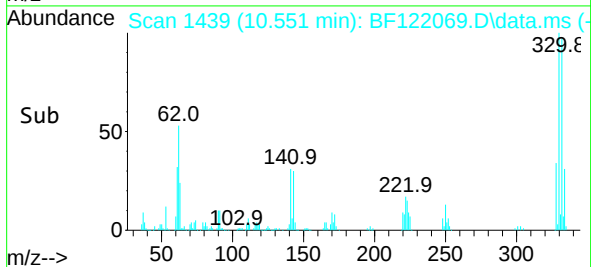
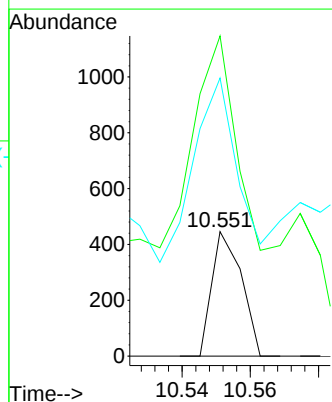
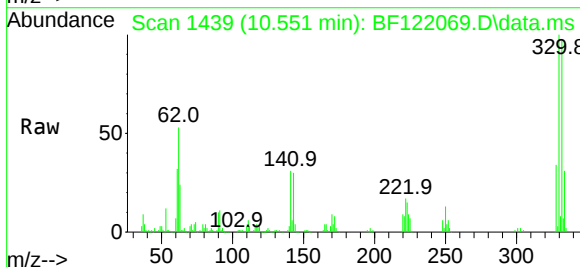
Instrument :
BNA_F
ClientSampleId :
HP-640

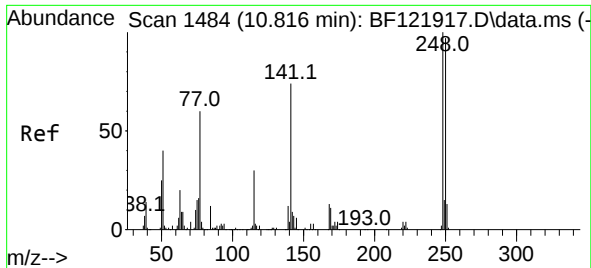
Tgt Ion:188 Resp: 328083
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.54 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:198 Resp: 268
Ion Ratio Lower Upper
198 100
51 257.2 29.6 69.6#
105 223.3 24.4 64.4#

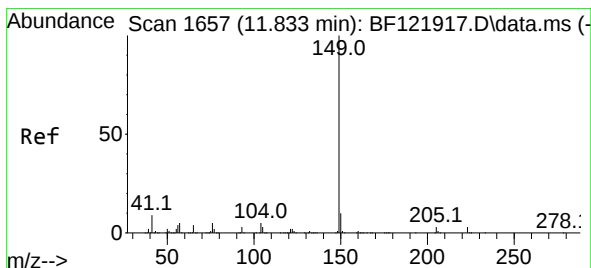
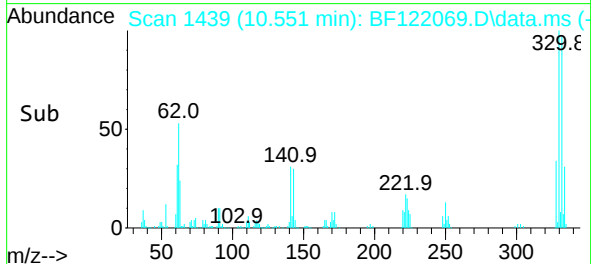
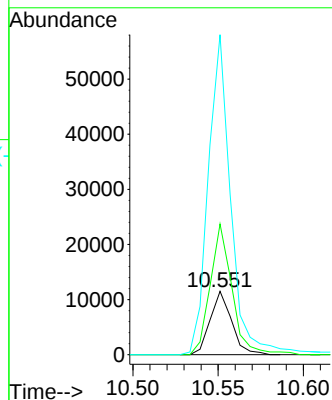
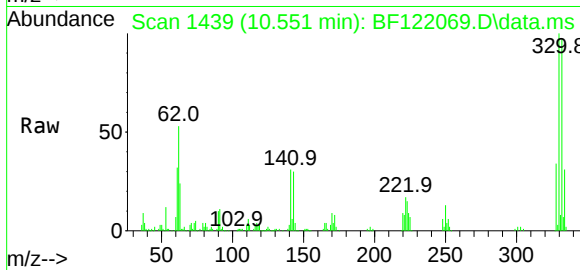




#67
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

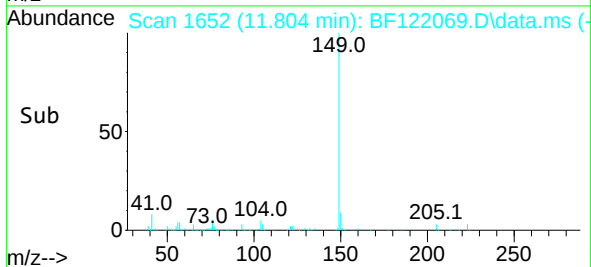
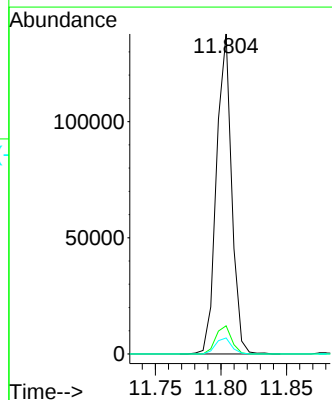
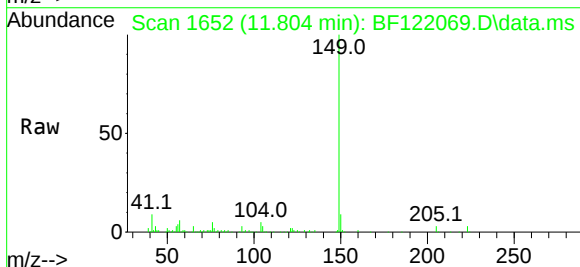
Instrument :
BNA_F
ClientSampled :
HP-640

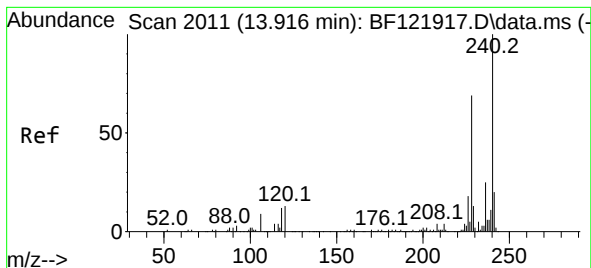
Tgt Ion:248 Resp: 10059
Ion Ratio Lower Upper
248 100
250 206.3 77.0 115.6#
141 505.1 53.7 80.5#



#74
Di-n-butylphthalate
Concen: 5.80 ng
RT: 11.804 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:149 Resp: 110628
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 5.0 4.2 6.2

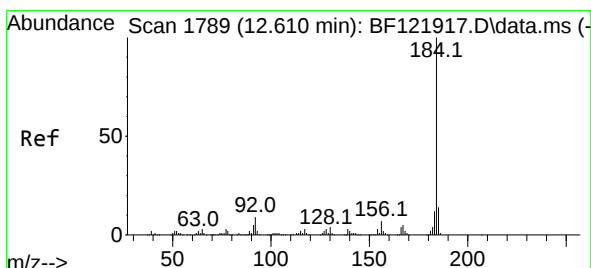
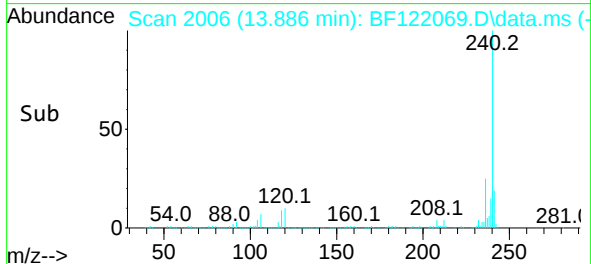
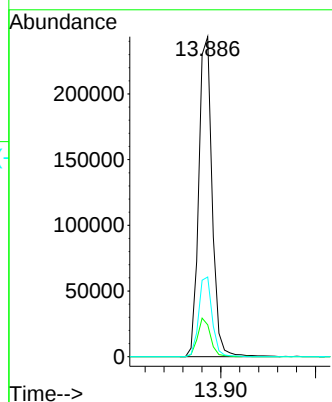
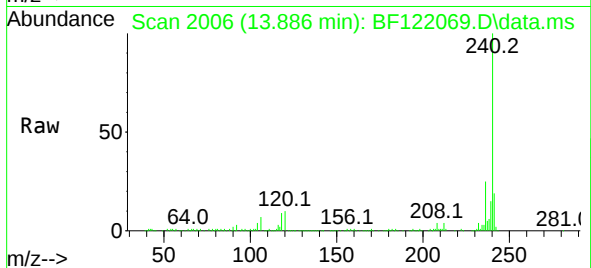




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

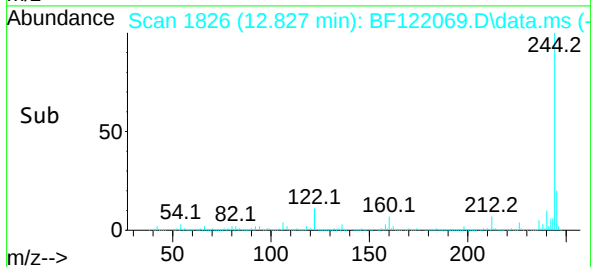
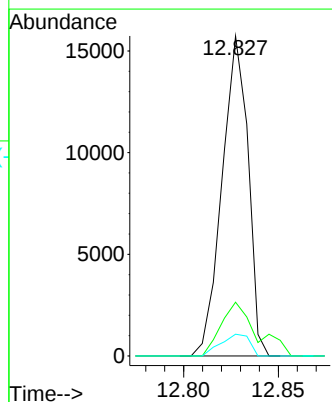
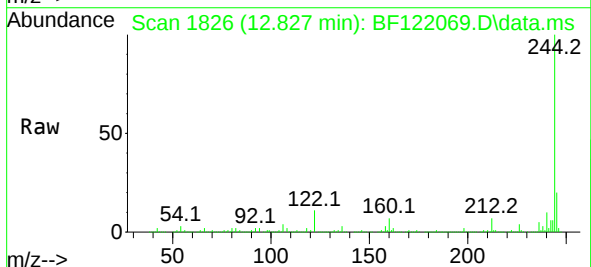
Instrument :
BNA_F
ClientSampleId :
HP-640

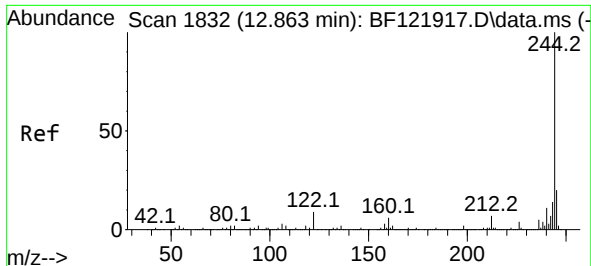
Tgt Ion:240 Resp: 238796
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 24.9 20.9 31.3



#77
Benzidine
Concen: 2.04 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.241 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

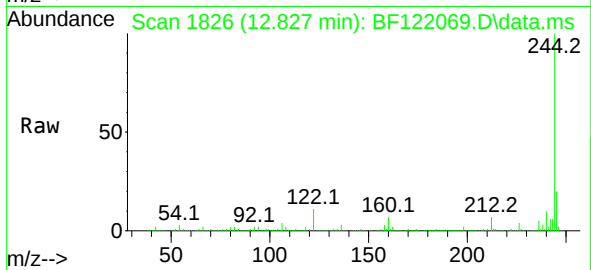
Tgt Ion:184 Resp: 15039
Ion Ratio Lower Upper
184 100
185 16.8 11.6 17.4
183 6.8 9.4 14.0#



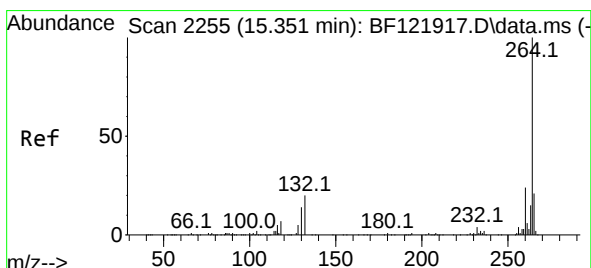
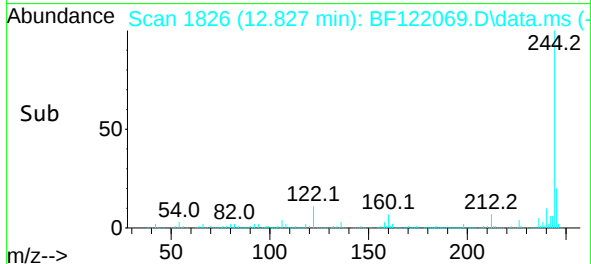
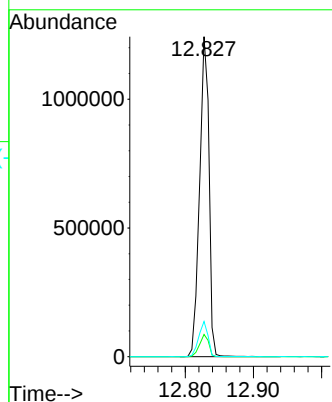


#79
 Terphenyl-d14
 Concen: 94.75 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF122069.D
 Acq: 22 Oct 2020 00:51

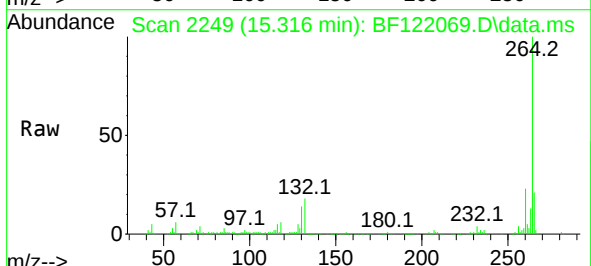
Instrument :
 BNA_F
 ClientSampleId :
 HP-640



Tgt Ion:244 Resp: 1187176
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.316 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: BF122069.D
 Acq: 22 Oct 2020 00:51



Tgt Ion:264 Resp: 206899
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.9 17.3 25.9

