

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122071.D
 Acq On : 22 Oct 2020 1:51
 Operator : JU/CG
 Sample : L4455-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Quant Time: Oct 22 03:04:02 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)

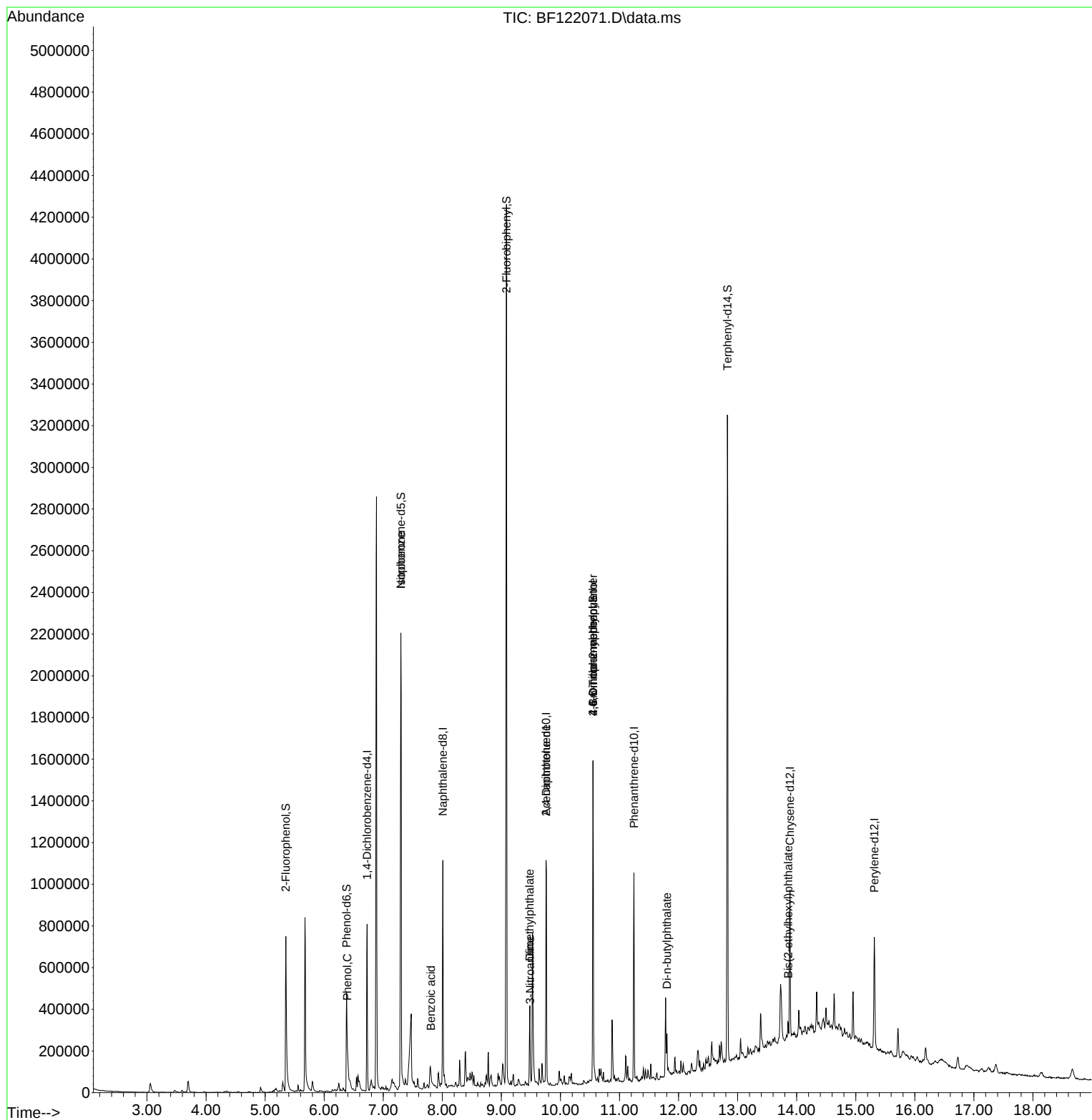
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	115412	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	437874	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	209868	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	338447	20.00	ng	0.00
76) Chrysene-d12	13.886	240	242761	20.00	ng	0.00
86) Perylene-d12	15.315	264	208162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	268348	34.32	ng	0.00
7) Phenol-d6	6.381	99	207780	20.64	ng	0.00
23) Nitrobenzene-d5	7.298	82	809137	94.77	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	188599	72.65	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1280695	89.79	ng	0.00
79) Terphenyl-d14	12.827	244	1169895	91.84	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.298	77	1691	Below Cal	#	73
10) Phenol	6.393	94	34077	3.28 ng		96
25) Isophorone	7.298	82	803088	49.74 ng	#	67
32) Benzoic acid	7.810	122	12073	10.16 ng		94
50) Dimethylphthalate	9.481	163	120128	7.83 ng		99
53) 3-Nitroaniline	9.486	138	21880	5.71 ng	#	38
57) 2,4-Dinitrotoluene	9.757	165	26440	6.38 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.551	198	431	4.61 ng	#	1
67) 4-Bromophenyl-phenylether	10.551	248	10830	2.77 ng	#	1
74) Di-n-butylphthalate	11.804	149	77492	3.94 ng		98
84) Bis(2-ethylhexyl)phtha...	13.857	149	23348	2.34 ng	#	96

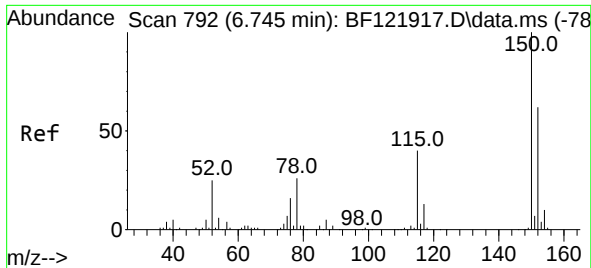
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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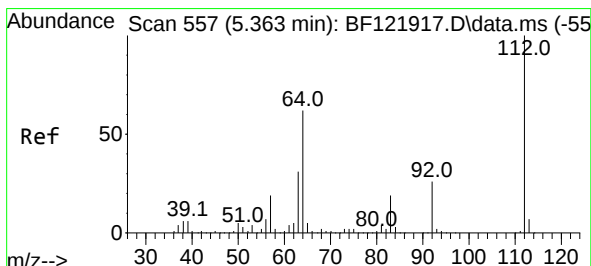
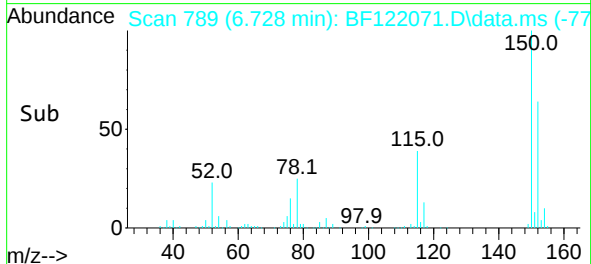
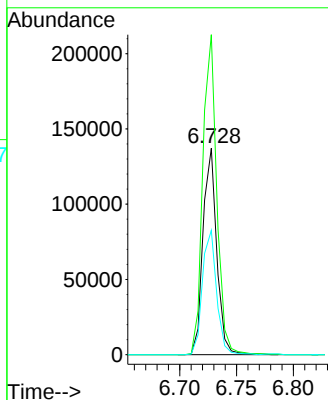
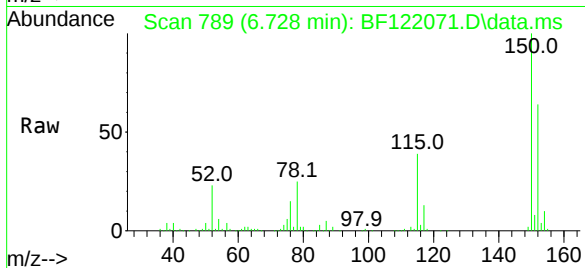




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

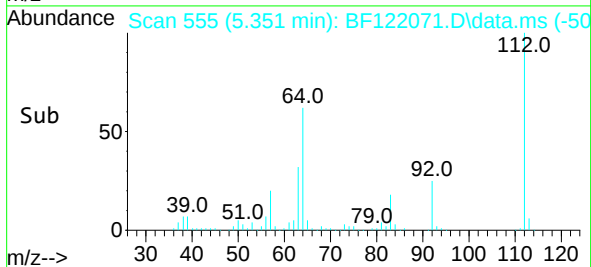
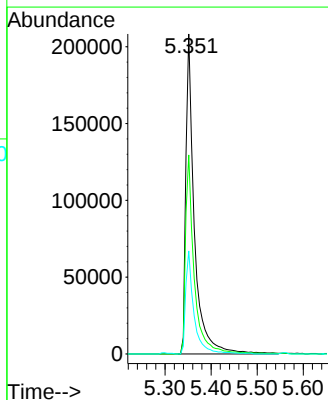
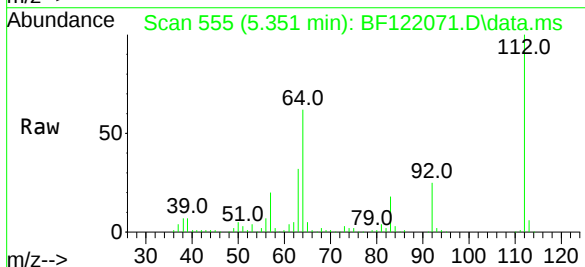
Instrument :
BNA_F
ClientSampleId :
HP-627

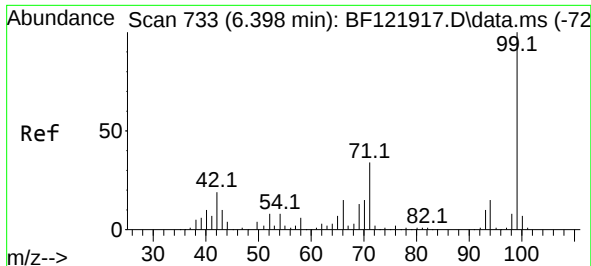
Tgt Ion:152 Resp: 115412
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 34.32 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:112 Resp: 268348
Ion Ratio Lower Upper
112 100
64 62.2 50.4 75.6
63 32.2 25.8 38.6

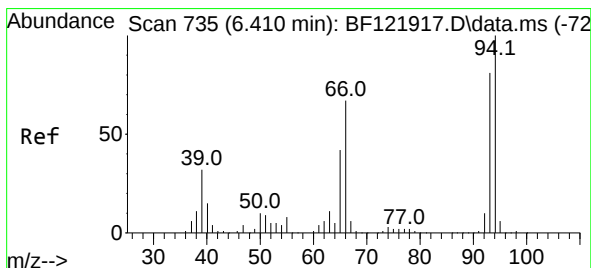
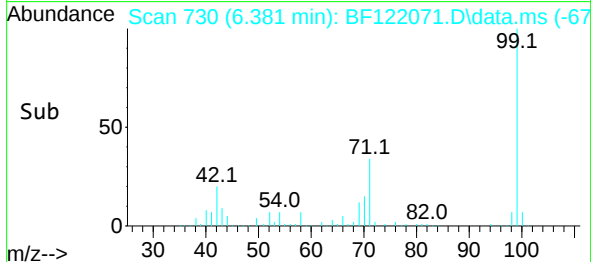
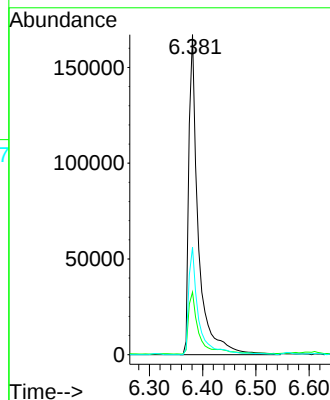
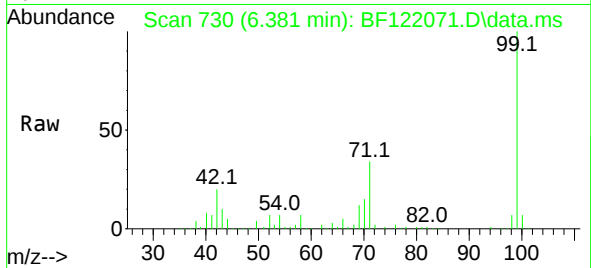




#7
Phenol-d6
Concen: 20.64 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

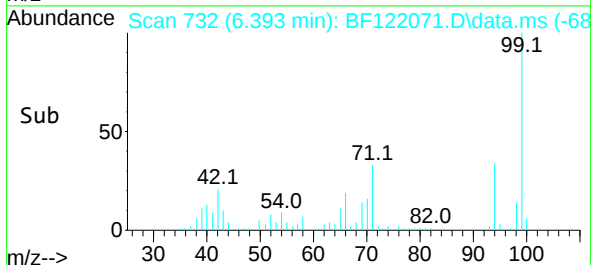
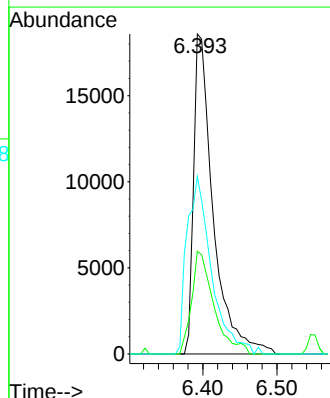
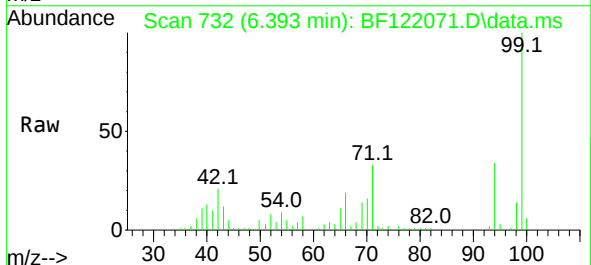
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ClientSampleId :
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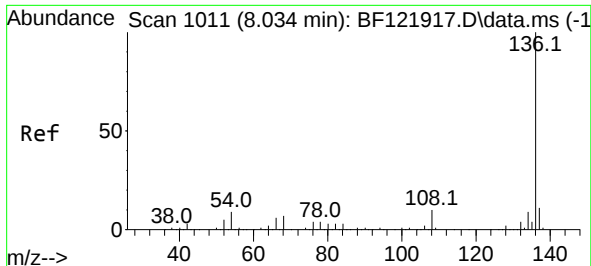
Tgt Ion: 99 Resp: 207780
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 33.6 27.1 40.7



#10
Phenol
Concen: 3.28 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion: 94 Resp: 34077
Ion Ratio Lower Upper
94 100
65 32.1 17.1 57.1
66 55.5 36.0 76.0



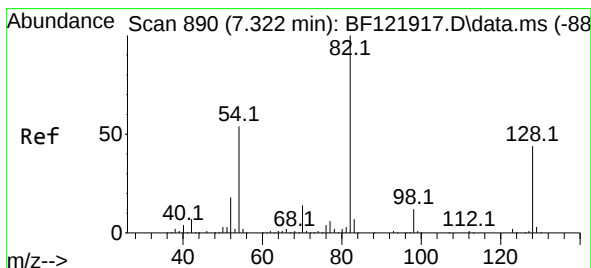
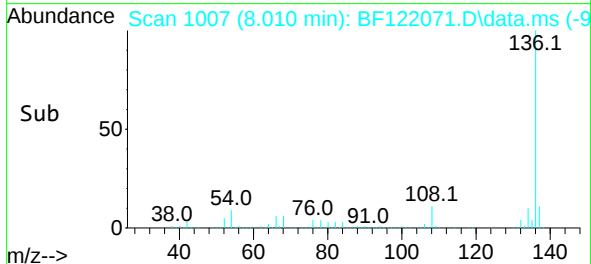
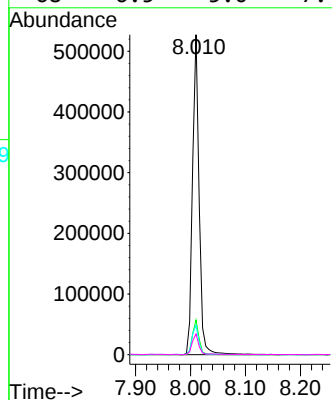
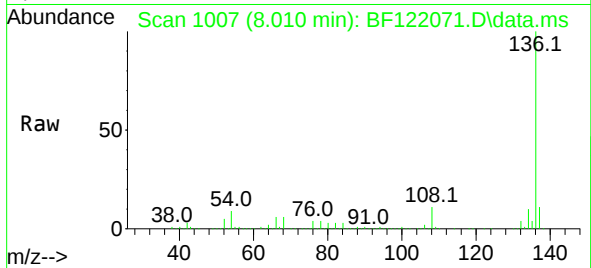


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Instrument :
BNA_F
ClientSampleId :
HP-627

Tgt Ion:136 Resp: 437874

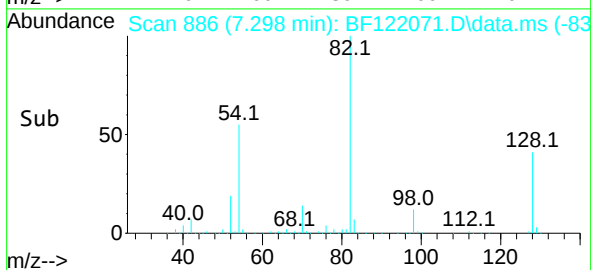
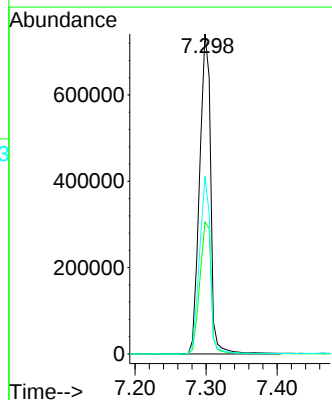
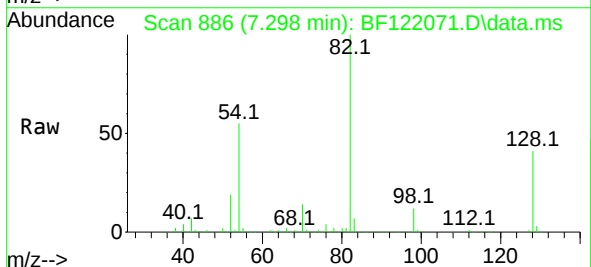
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	7.1	10.7
68	6.5	5.0	7.4

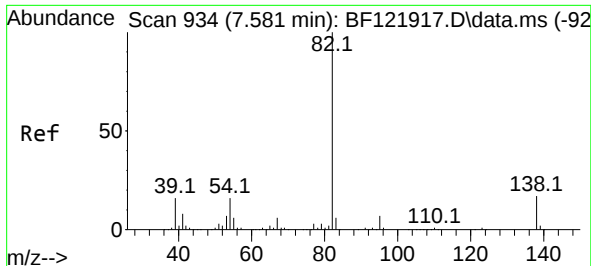


#23
Nitrobenzene-d5
Concen: 94.77 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion: 82 Resp: 809137

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.4
54	55.4	43.9	65.9

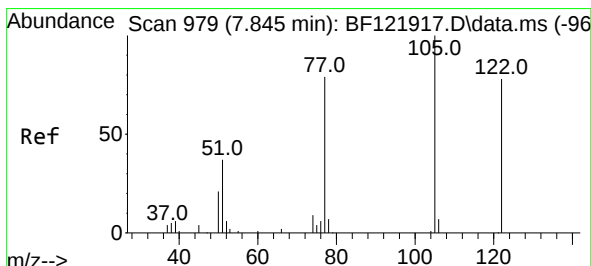
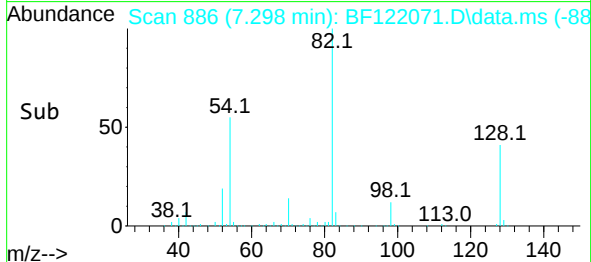
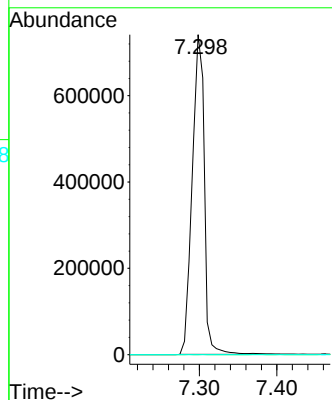
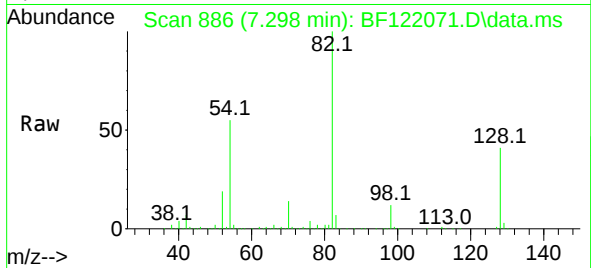




#25
Isophorone
Concen: 49.74 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

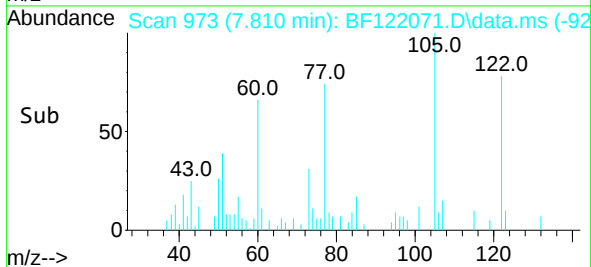
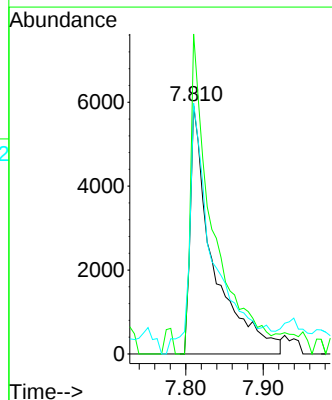
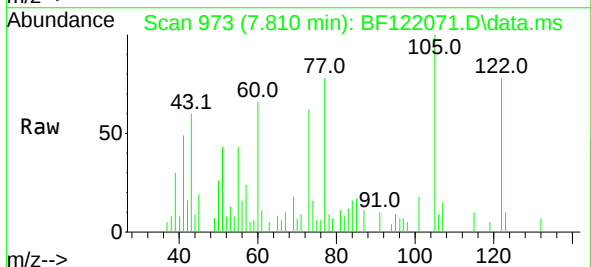
Instrument :
BNA_F
ClientSampleId :
HP-627

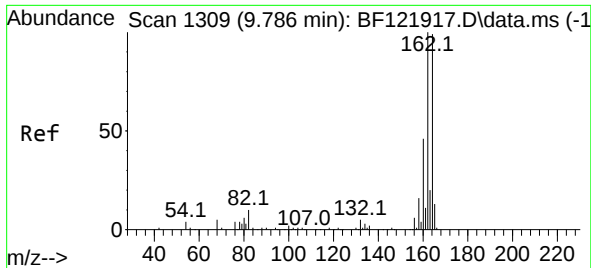
Tgt Ion: 82 Resp: 803088
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 10.16 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion: 122 Resp: 12073
Ion Ratio Lower Upper
122 100
105 128.9 103.3 143.3
77 101.1 73.9 113.9

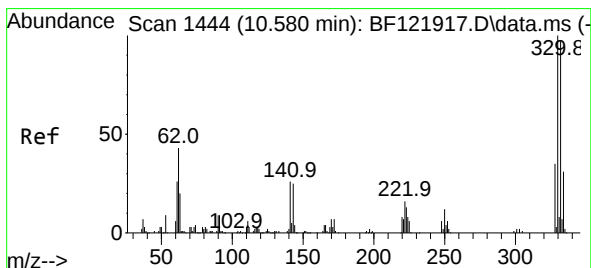
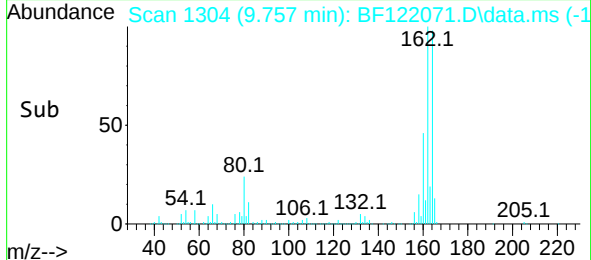
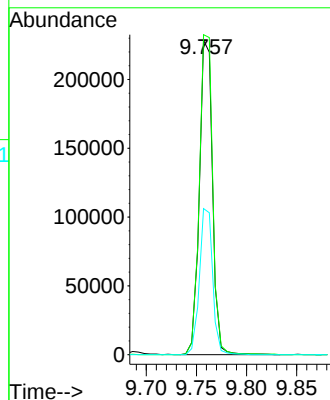
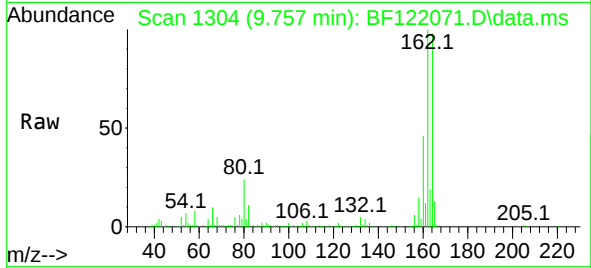




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

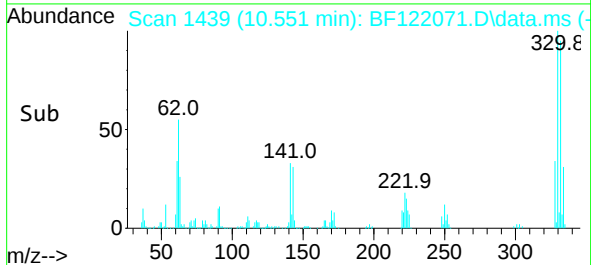
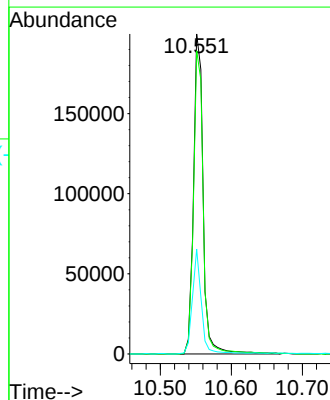
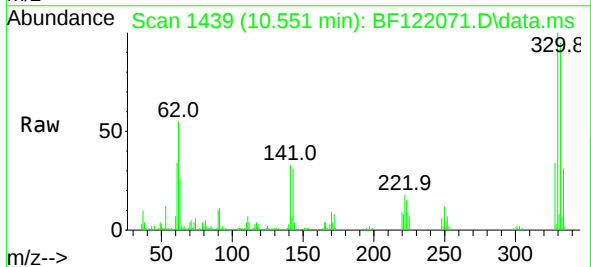
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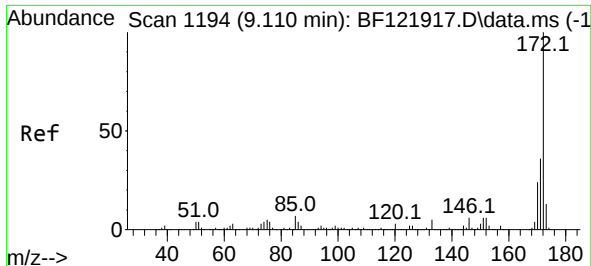
Tgt Ion:164 Resp: 209868
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 46.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 72.65 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:330 Resp: 188599
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.8 22.3 33.5

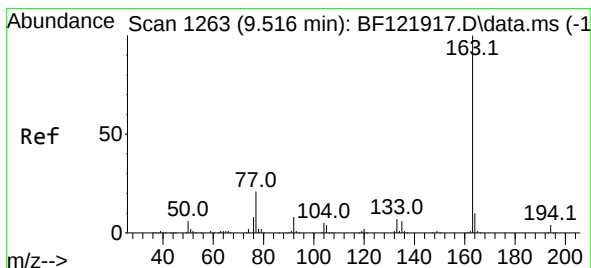
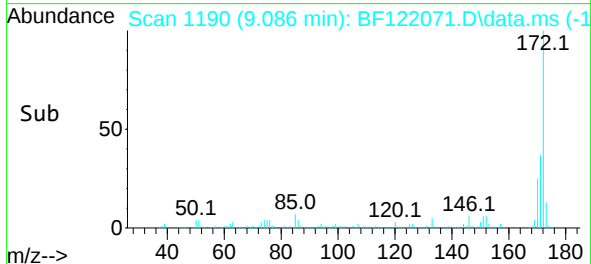
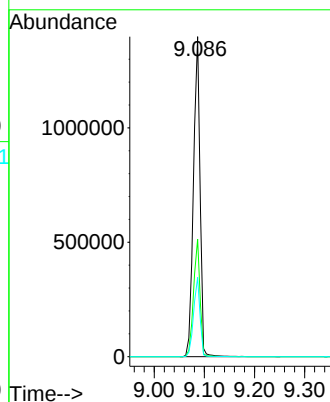
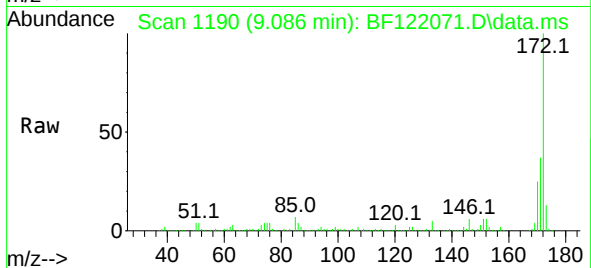




#45
2-Fluorobiphenyl
Concen: 89.79 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

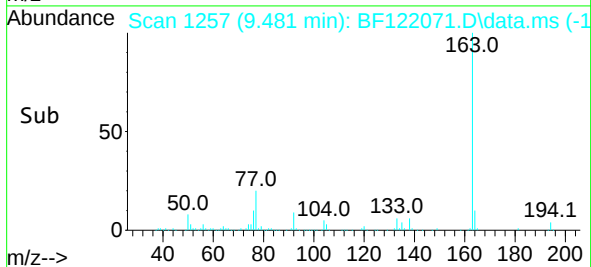
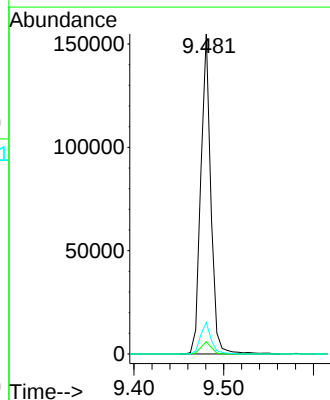
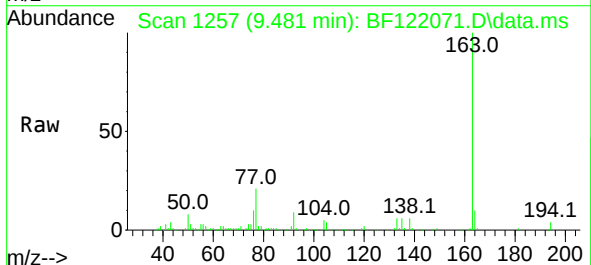
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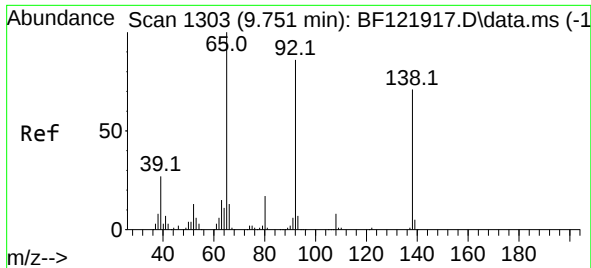
Tgt Ion:172 Resp: 1280695
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.8 19.8 29.6



#50
Dimethylphthalate
Concen: 7.83 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:163 Resp: 120128
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.2 12.4

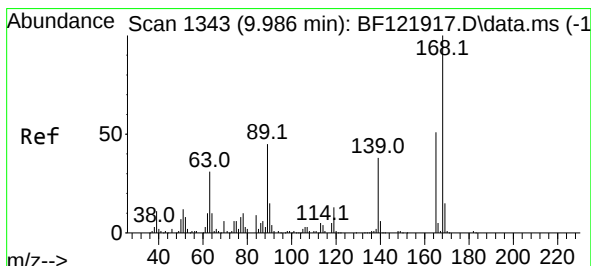
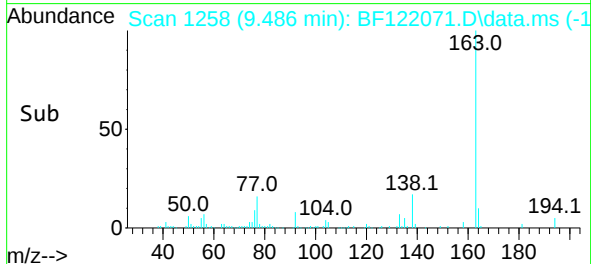
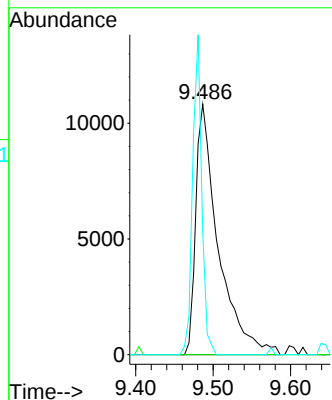
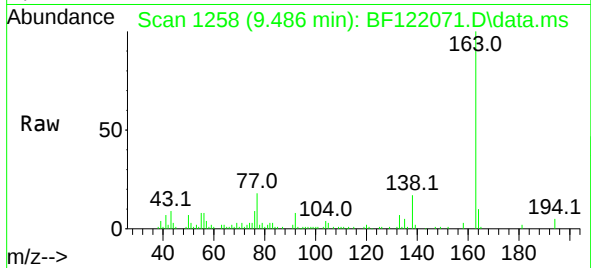




#53
3-Nitroaniline
Concen: 5.71 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.247 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

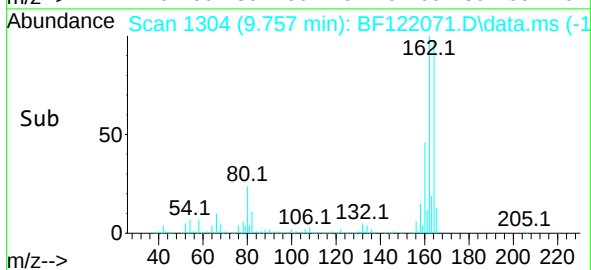
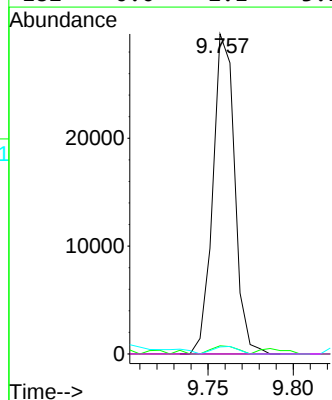
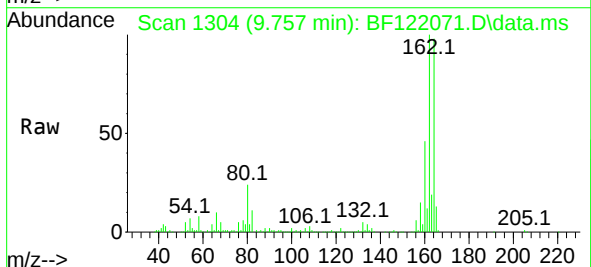
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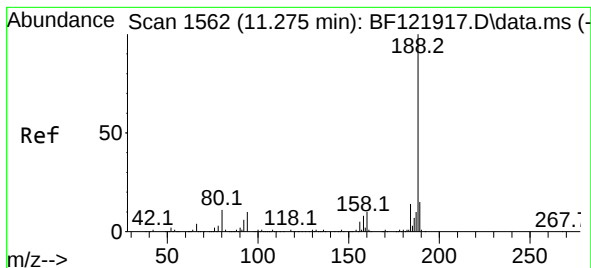
Tgt Ion:138 Resp: 21880
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 48.5 96.6 144.8#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:165 Resp: 26440
Ion Ratio Lower Upper
165 100
63 2.6 41.3 61.9#
89 2.2 61.8 92.8#
182 0.0 2.1 3.1#

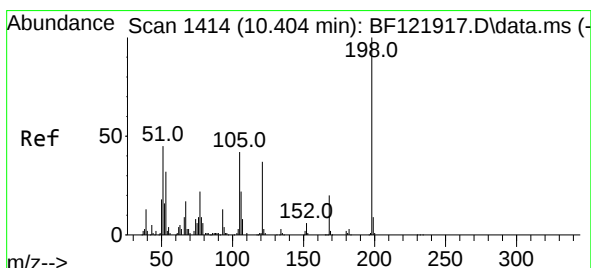
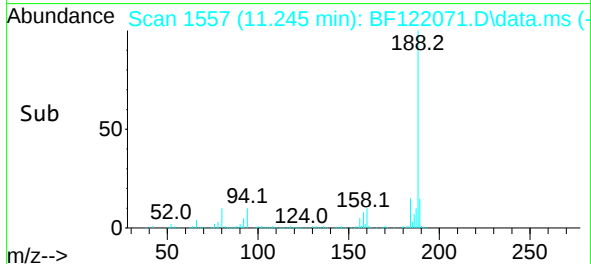
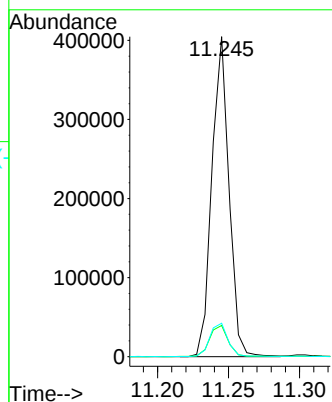
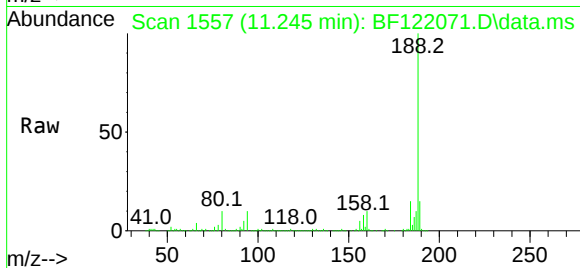




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

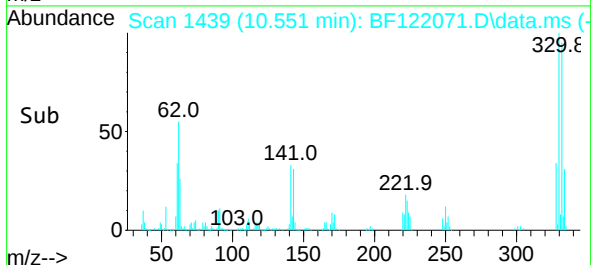
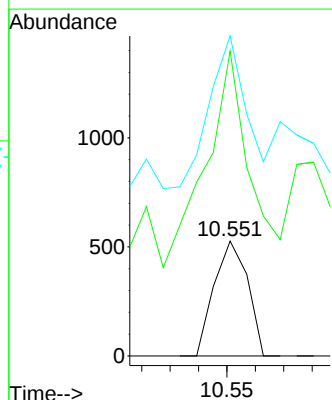
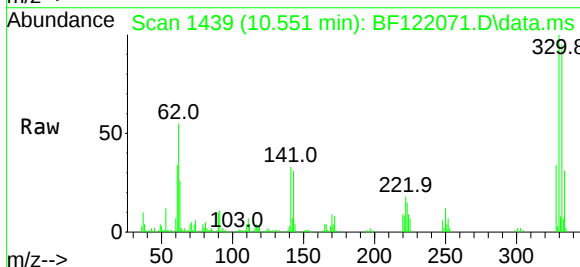
Instrument :
BNA_F
ClientSampleId :
HP-627

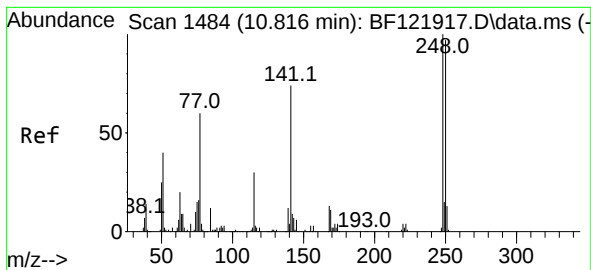
Tgt Ion:188 Resp: 338447
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:198 Resp: 431
Ion Ratio Lower Upper
198 100
51 265.3 29.6 69.6#
105 278.4 24.4 64.4#

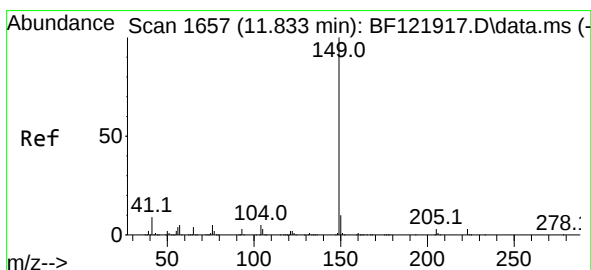
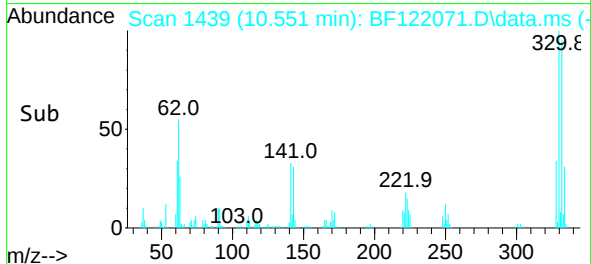
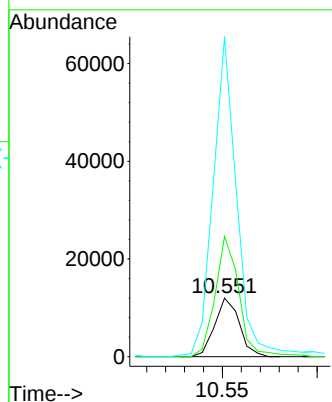
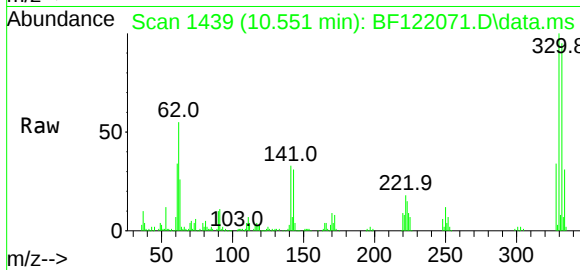




#67
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

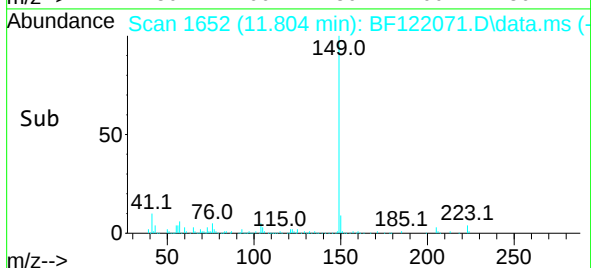
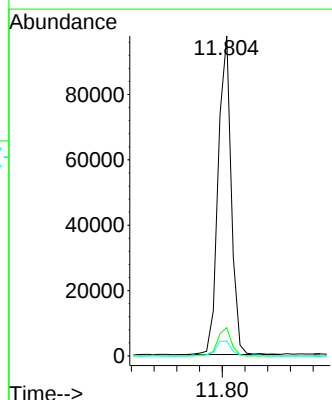
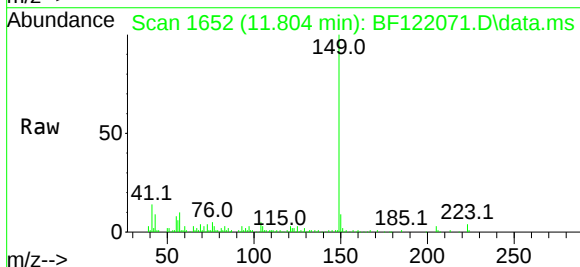
Instrument :
BNA_F
ClientSampleId :
HP-627

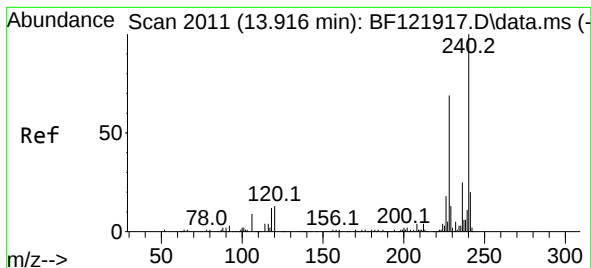
Tgt Ion:248 Resp: 10830
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.6#
141 546.7 53.7 80.5#



#74
Di-n-butylphthalate
Concen: 3.94 ng
RT: 11.804 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:149 Resp: 77492
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.6 4.2 6.2

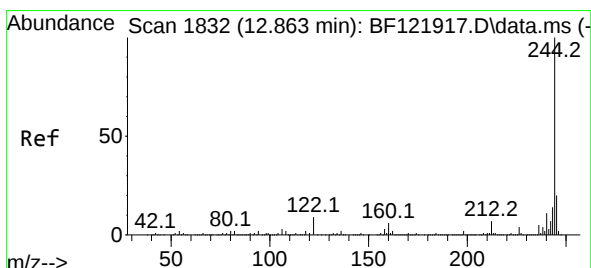
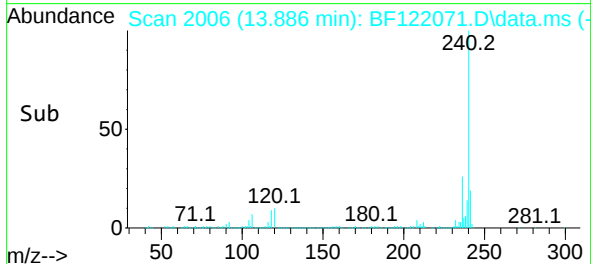
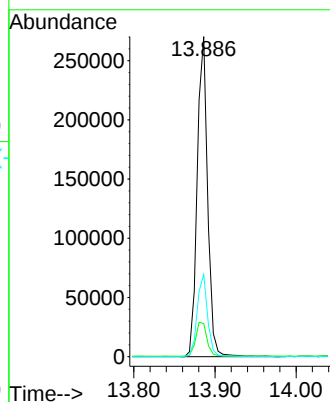
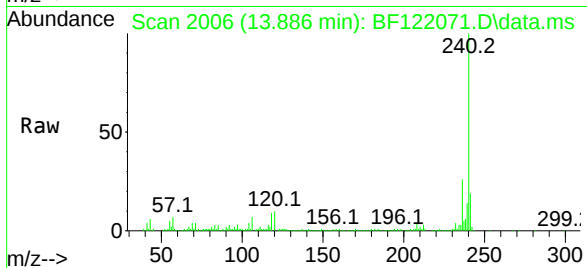




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

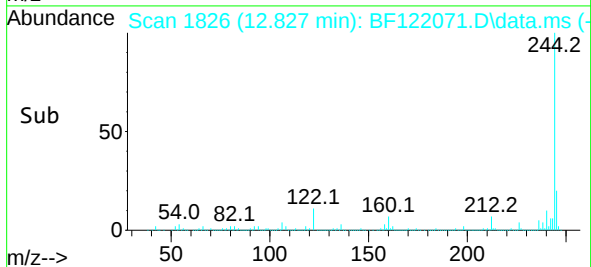
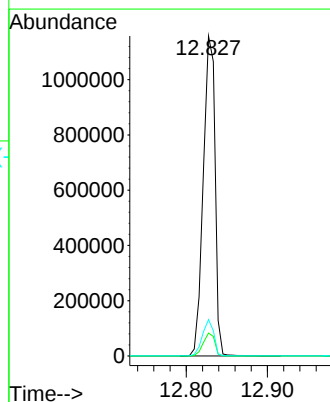
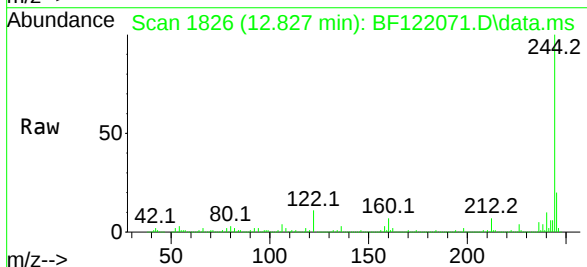
Instrument :
BNA_F
ClientSampleId :
HP-627

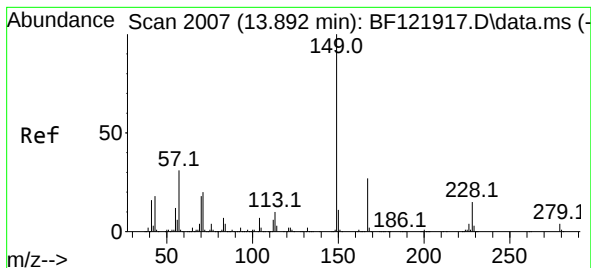
Tgt Ion:240 Resp: 242761
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 91.84 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:244 Resp: 1169895
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.4 8.1 12.1

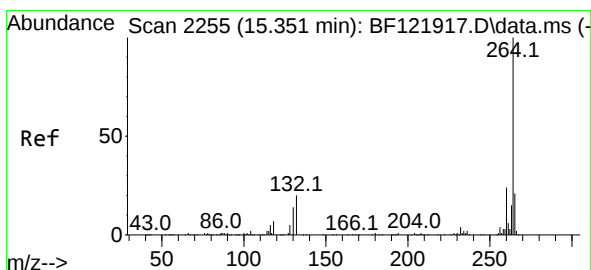
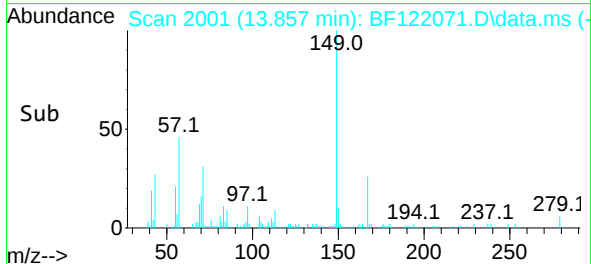
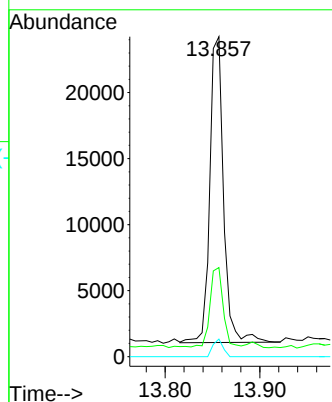
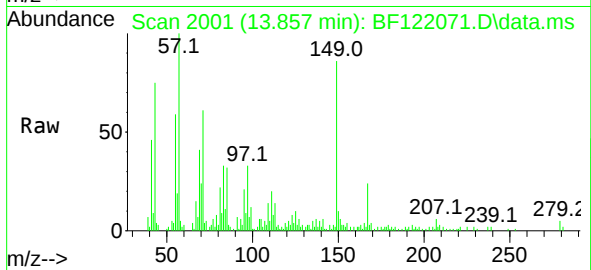




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.34 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Instrument :
BNA_F
ClientSampleId :
HP-627

Tgt Ion:149 Resp: 23348
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 5.5 3.2 4.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF122071.D
Acq: 22 Oct 2020 1:51

Tgt Ion:264 Resp: 208162
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.0 17.3 25.9

