

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101196.D
 Acq On : 7 Dec 2017 4:59
 Operator : SJ/JU
 Sample : I6656-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(4-5)

Quant Time: Dec 07 05:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

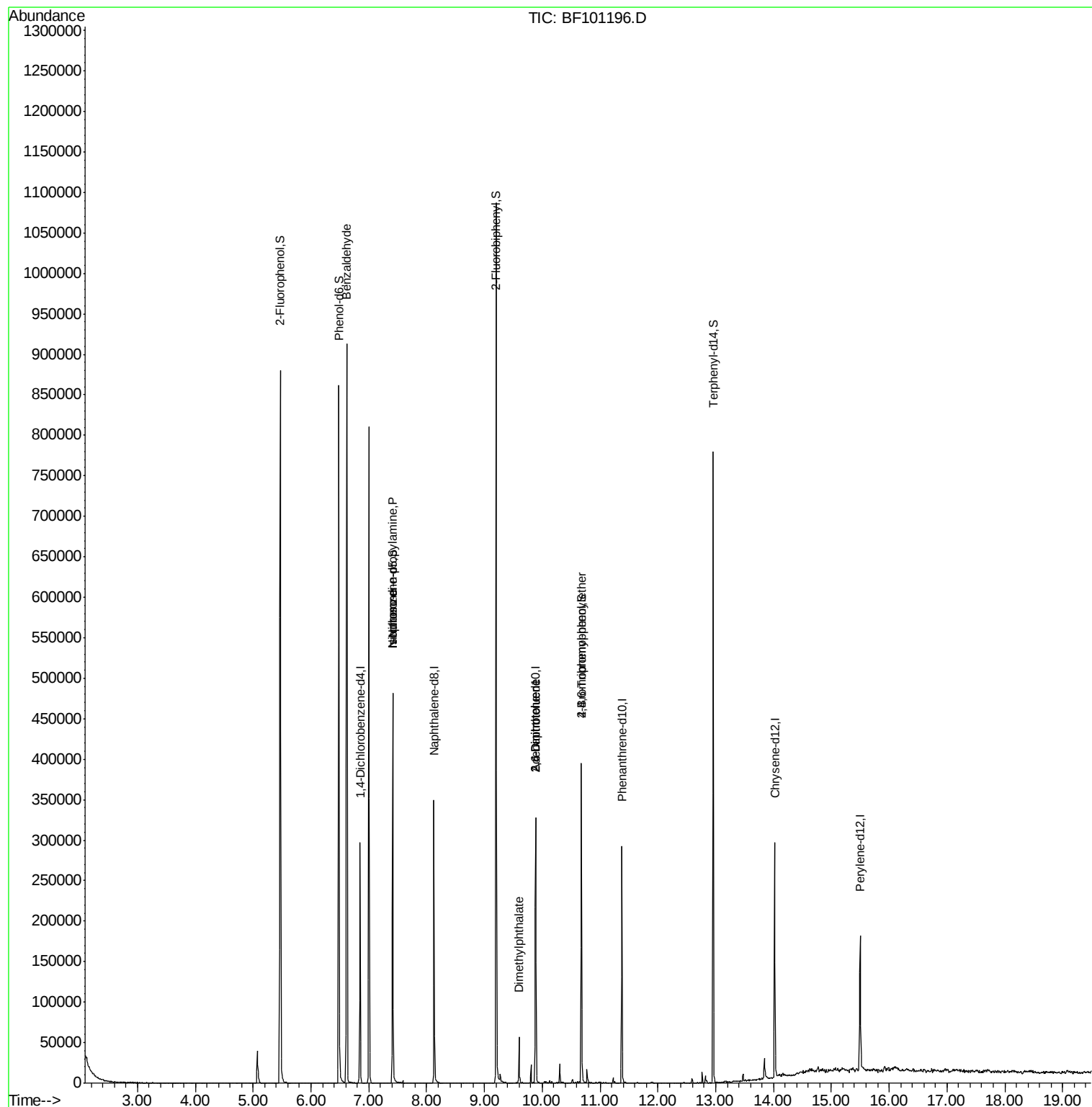
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43909	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	158754	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	64506	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	104828	20.00	ng	0.00
75) Chrysene-d12	14.02	240	101954	20.00	ng	0.00
86) Perylene-d12	15.50	264	79687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	234343	88.19	ng	0.00
7) Phenol-d6	6.48	99	273443	84.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	163988	61.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	52338	67.54	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	328958	69.77	ng	0.00
78) Terphenyl-d14	12.96	244	263771	56.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	4884	2.473	ng	# 83
19) n-Nitroso-di-n-propylamine	7.41	70	21047	9.687	ng	# 83
25) Isophorone	7.42	82	163987	36.075	ng	# 64
49) Dimethylphthalate	9.60	163	24030	4.619	ng	100
50) 2,6-Dinitrotoluene	9.89	165	8156	7.444	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	8156	5.554	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3204	2.731	ng	# 1

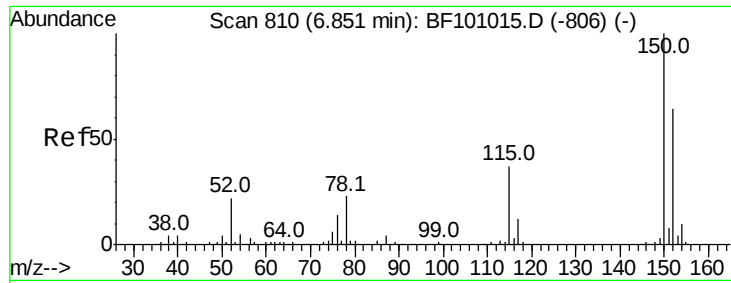
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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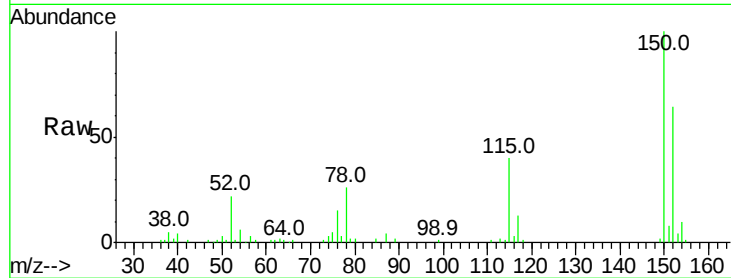


#1

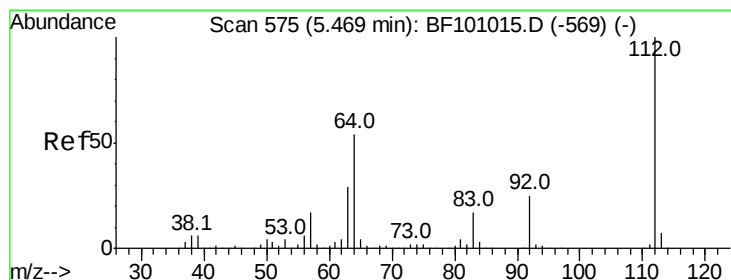
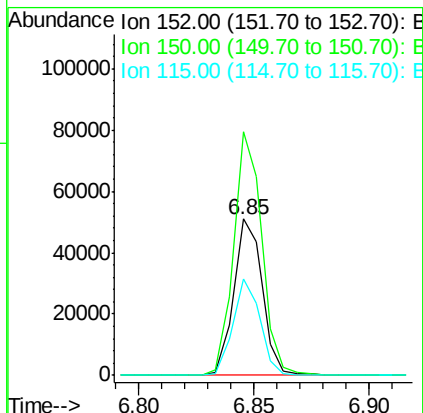
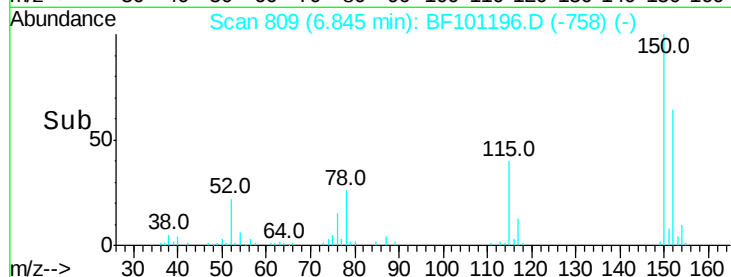
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(4-5)

Tot Ion:152 Resp: 43909
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 62.0 50.1 75.1



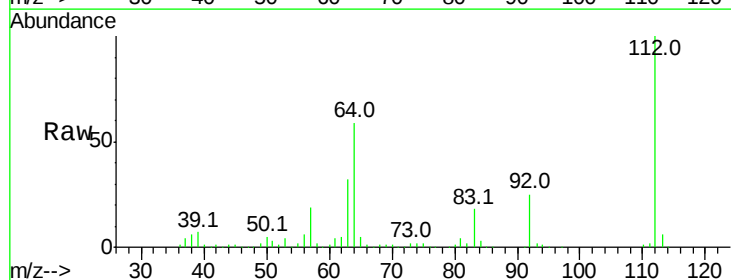
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



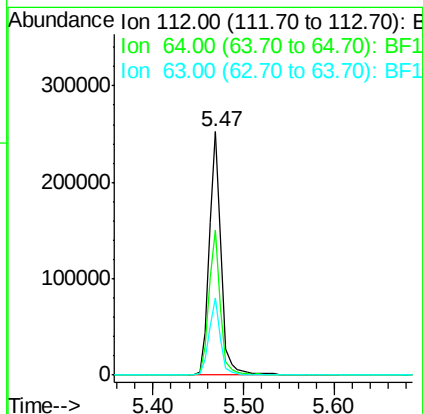
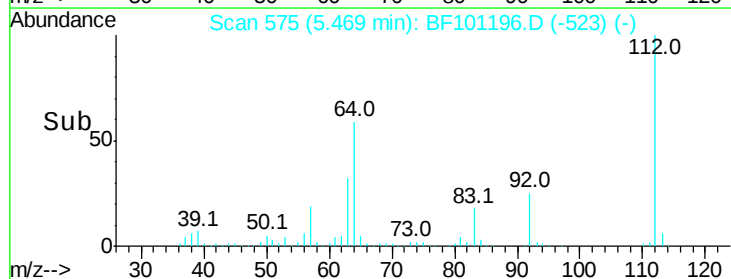
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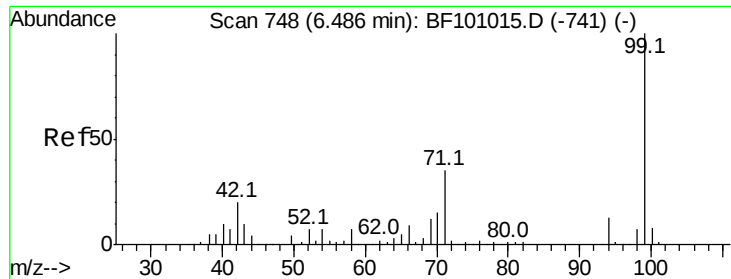
2-Fluorophenol
 Concen: 88.191 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Tgt Ion:112 Resp: 234343
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.759 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101196.D

Acq: 7 Dec 2017 4:59

Instrument :

BNA_F

ClientSampleId :

BART-1-E(4-5)

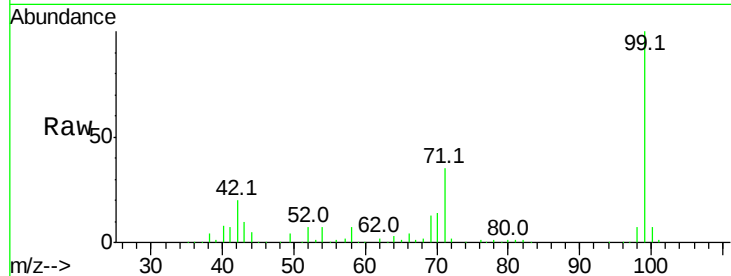
Tot Ion: 99 Resp: 273443

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

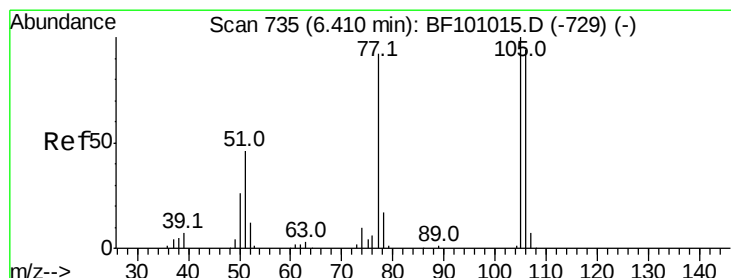
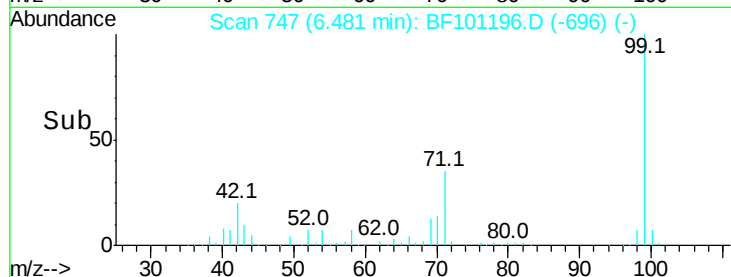
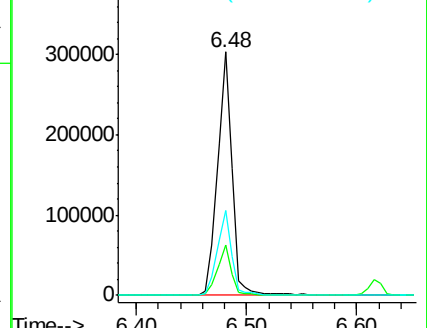
71 34.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.473 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF101196.D

Acq: 7 Dec 2017 4:59

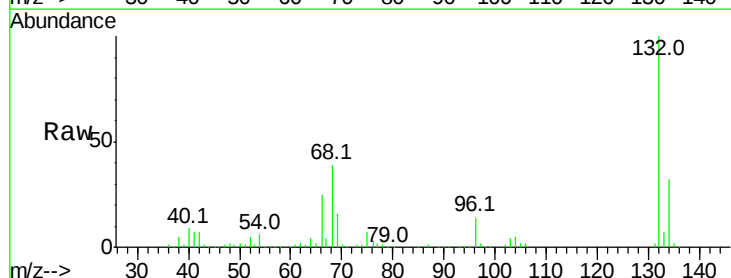
Tgt Ion: 77 Resp: 4884

Ion Ratio Lower Upper

77 100

105 78.2 81.1 121.1#

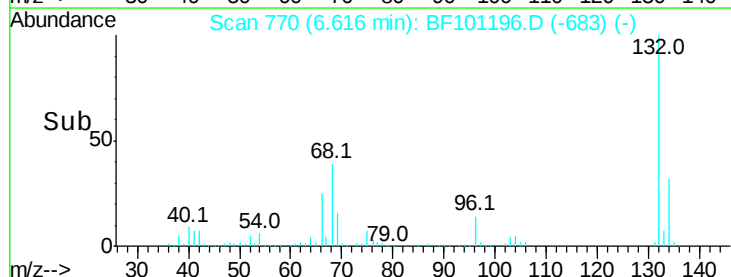
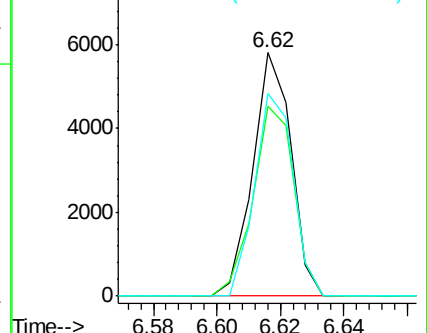
106 83.1 74.5 114.5

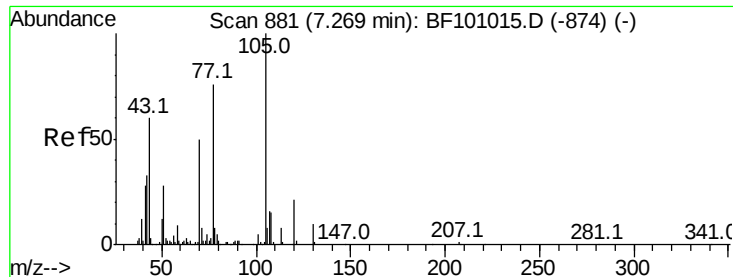


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

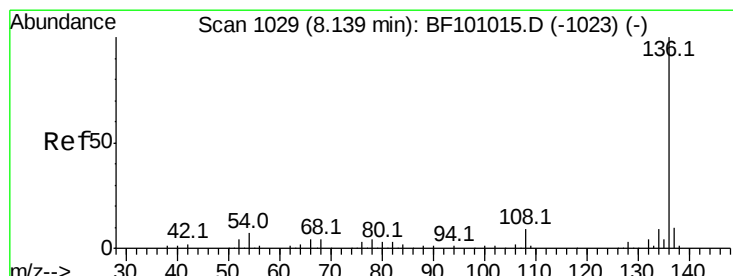
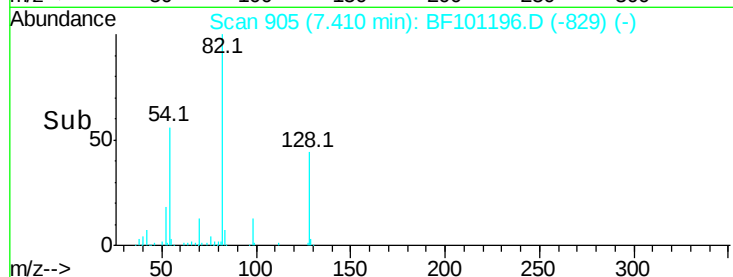
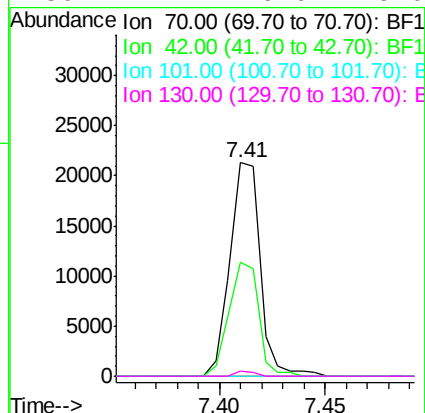
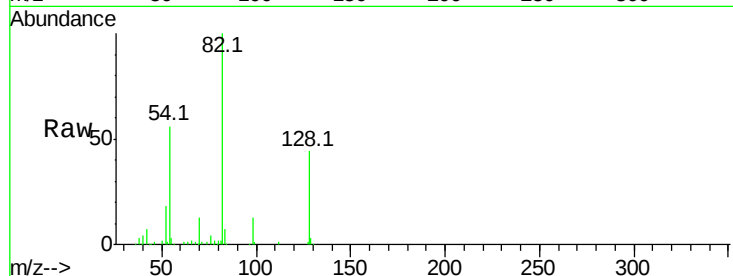




#19
n-Nitroso-di-n-propylamine
Concen: 9.687 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

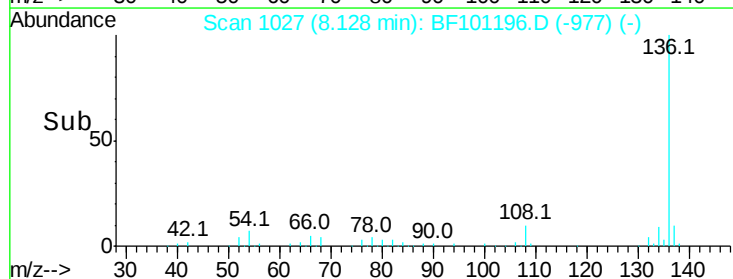
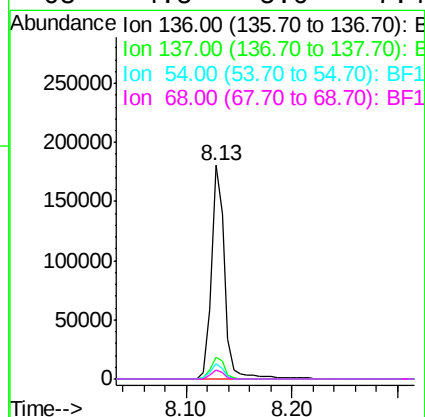
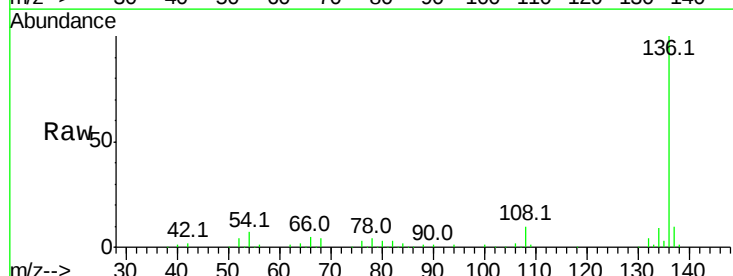
Instrument :
BNA_F
ClientSampleId :
BART-1-E(4-5)

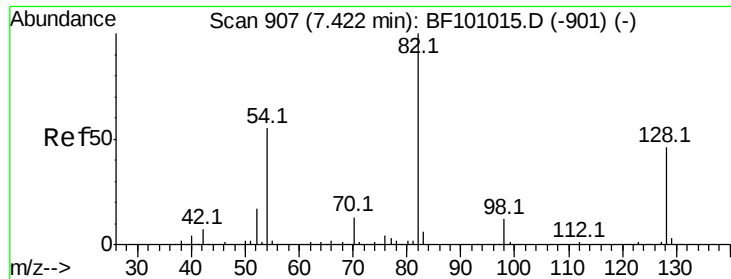
Tot Ion: 70 Resp: 21047
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

Tgt Ion:136 Resp: 158754
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.2 6.6 9.8
68 4.5 5.0 7.4#

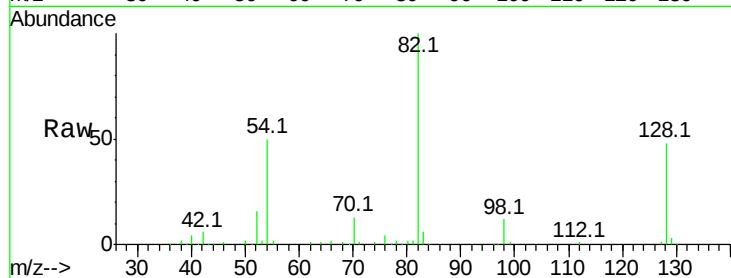




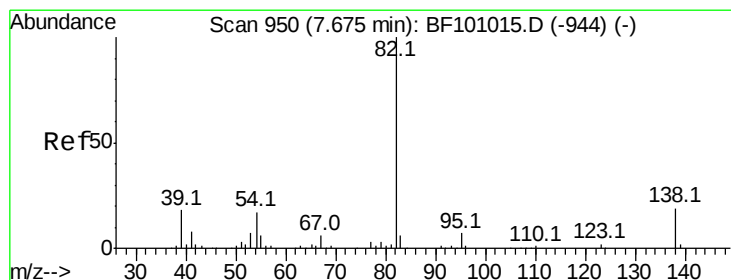
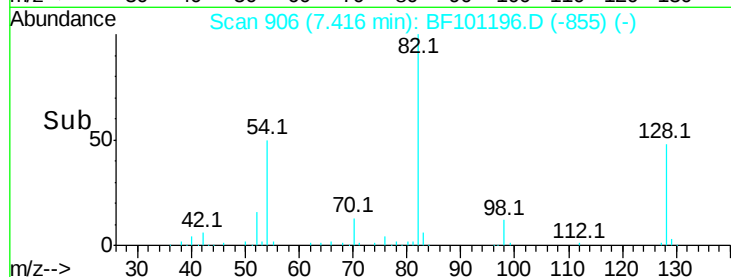
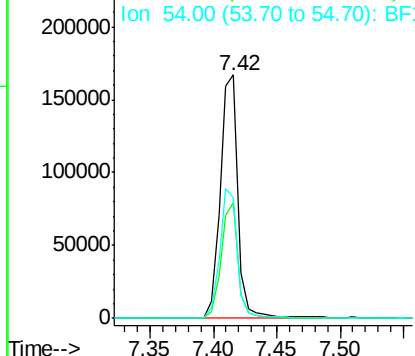
#23
 Nitrobenzene-d5
 Concen: 61.620 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(4-5)

Tot Ion	82	Resp	163988
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	49.6	41.4	62.2

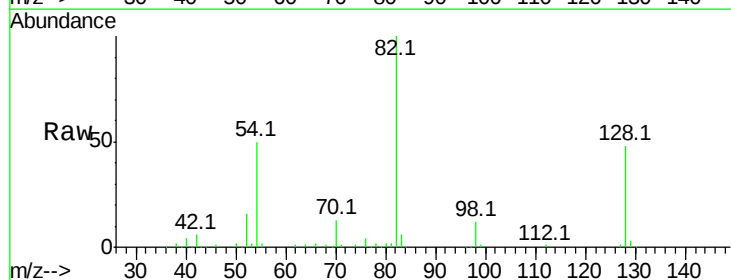


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

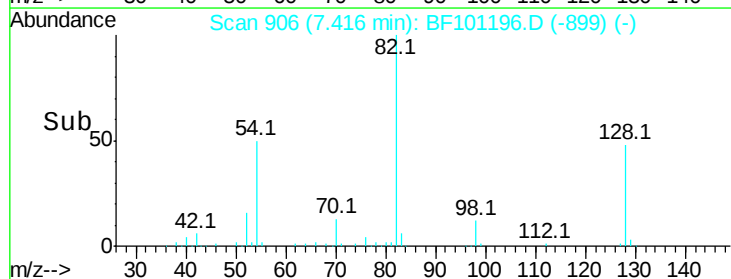
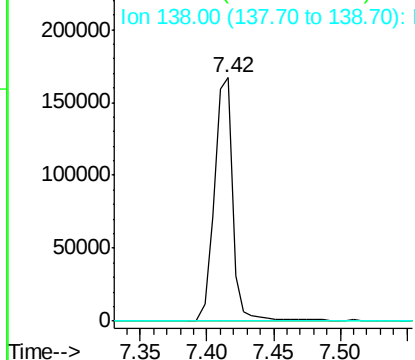


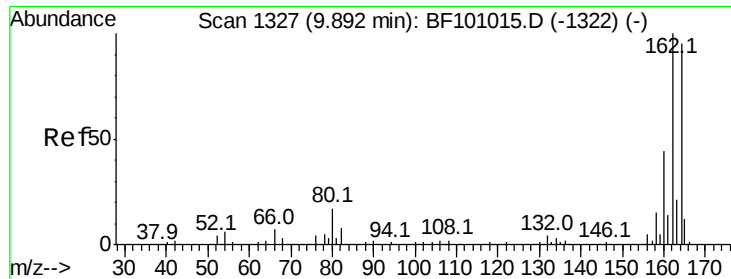
#25
 Isophorone
 Concen: 36.075 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Tgt Ion	82	Resp	163987
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

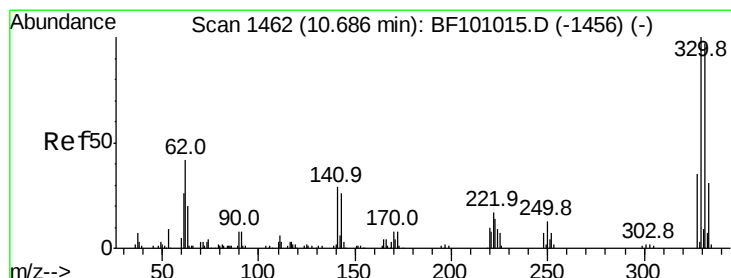
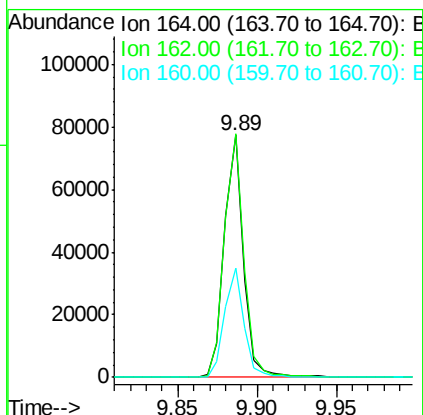
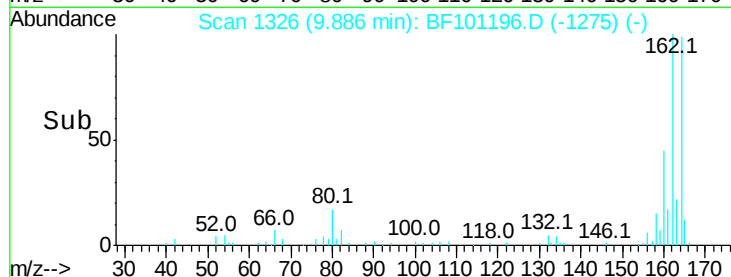
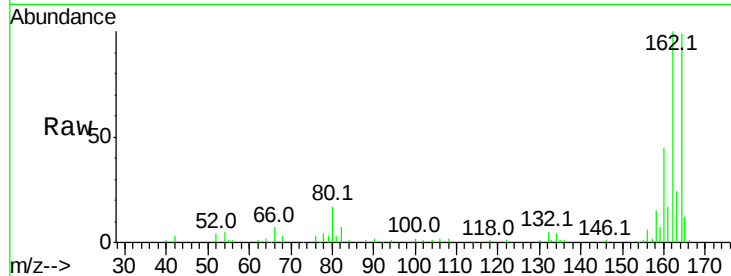




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

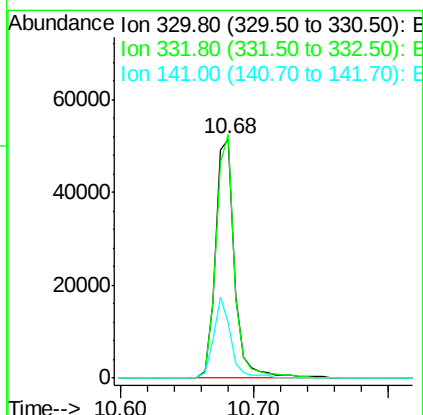
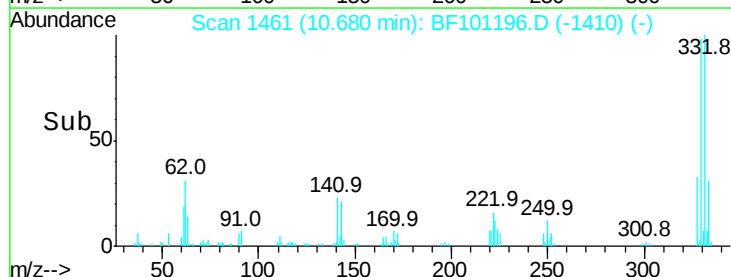
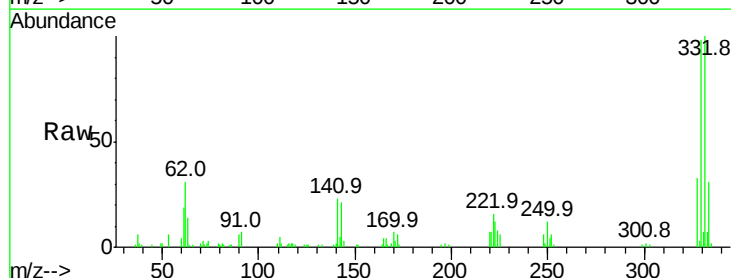
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BART-1-E(4-5)

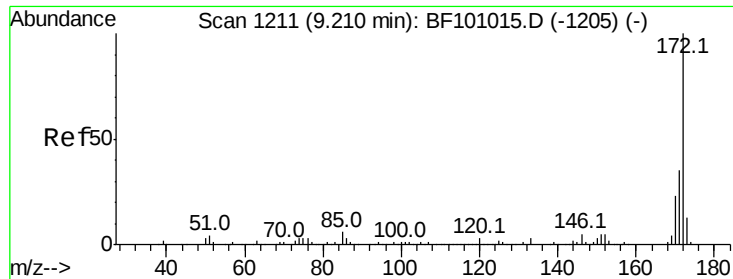
Tot Ion:164 Resp: 64506
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 67.542 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

Tgt Ion:330 Resp: 52338
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 30.2 29.9 44.9

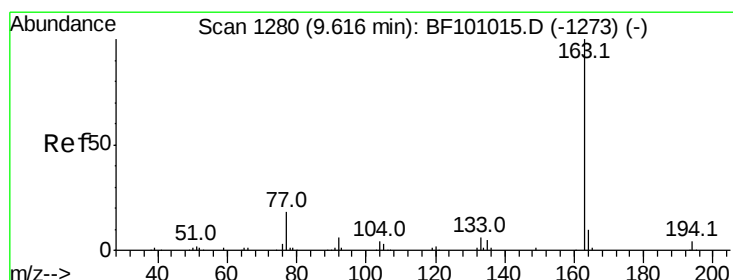
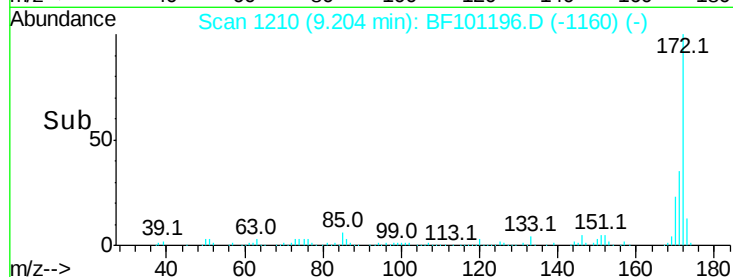
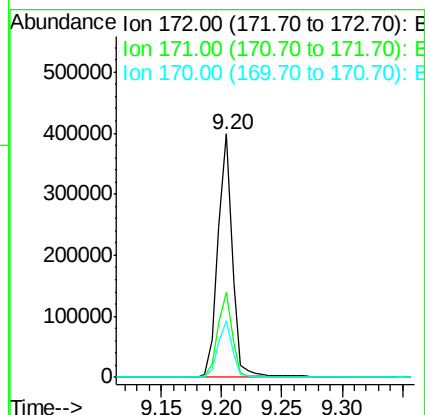
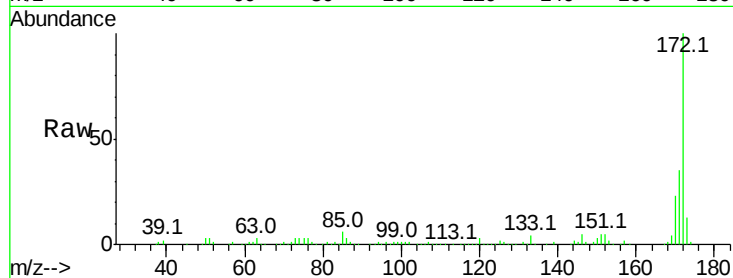




#44
2-Fluorobiphenyl
Concen: 69.773 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

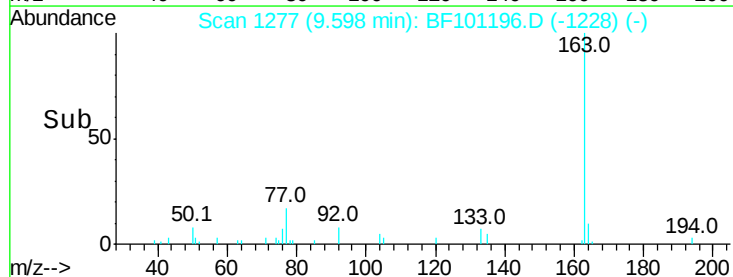
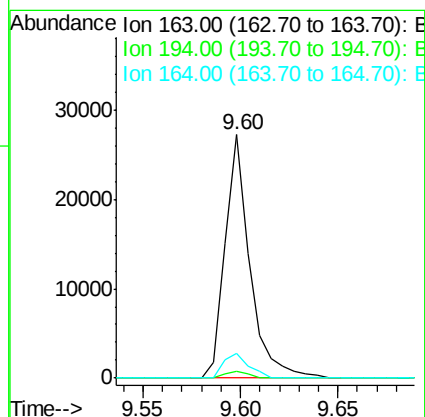
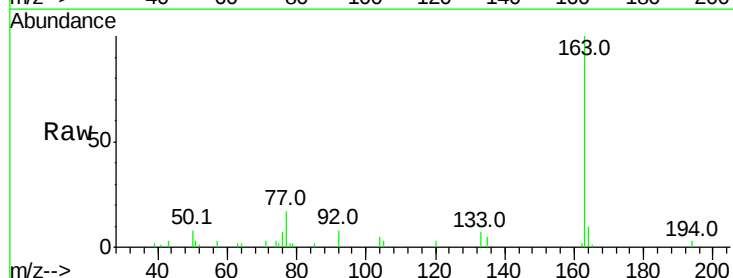
Instrument :
BNA_F
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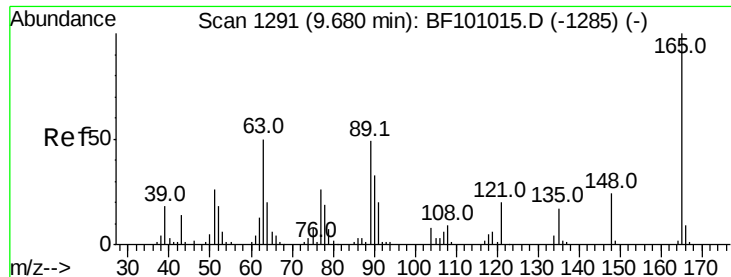
Tot Ion:172 Resp: 328958
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 4.619 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

Tgt Ion:163 Resp: 24030
Ion Ratio Lower Upper
163 100
194 2.8 2.7 4.1
164 10.2 8.2 12.2

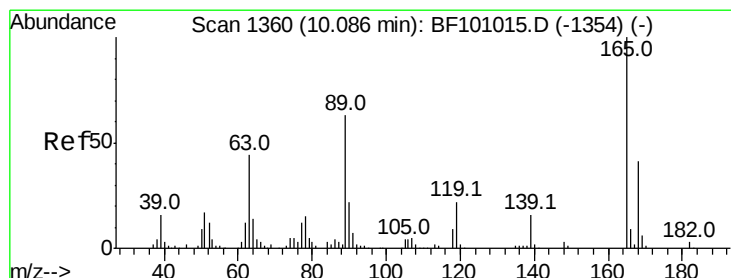
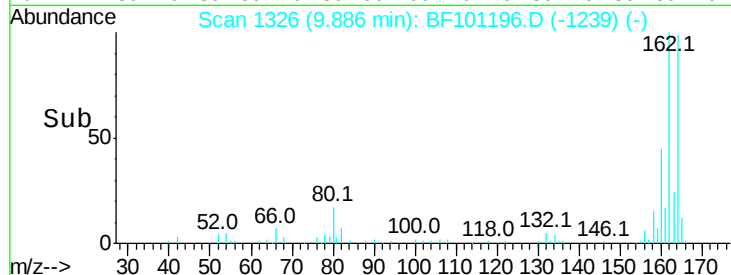
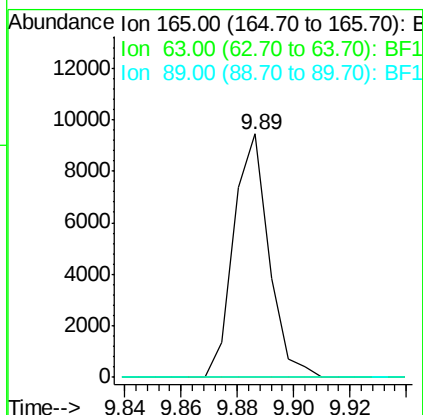
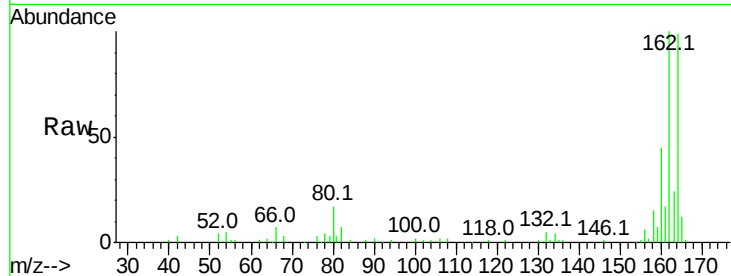




#50
 2,6-Dinitrotoluene
 Concen: 7.444 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

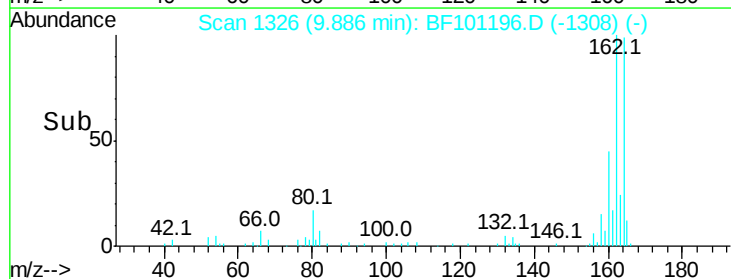
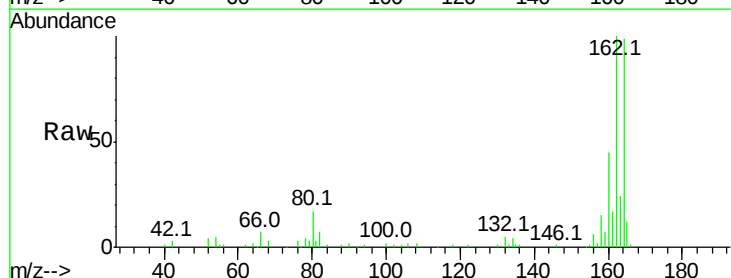
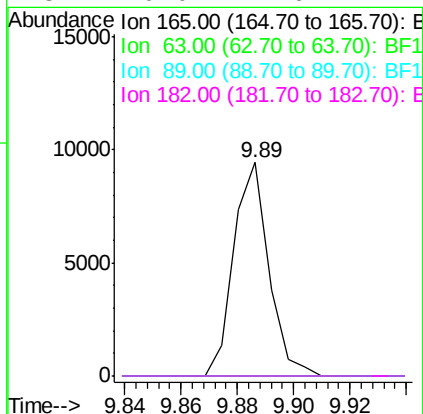
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 BART-1-E(4-5)

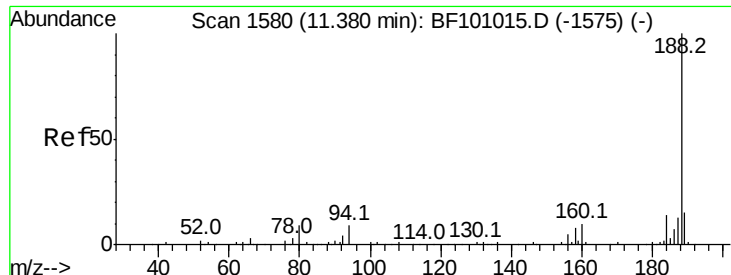
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.554 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

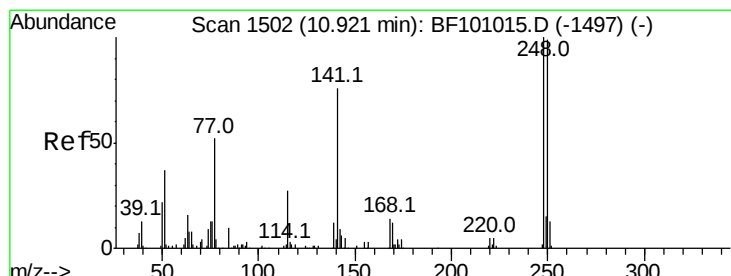
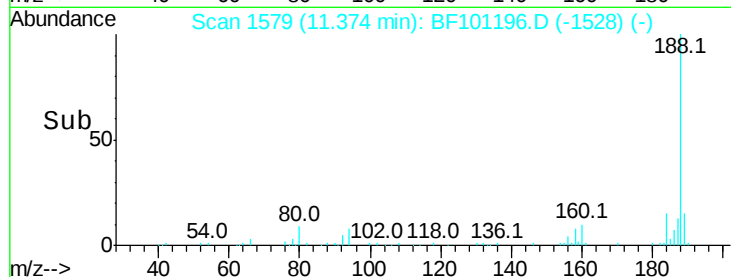
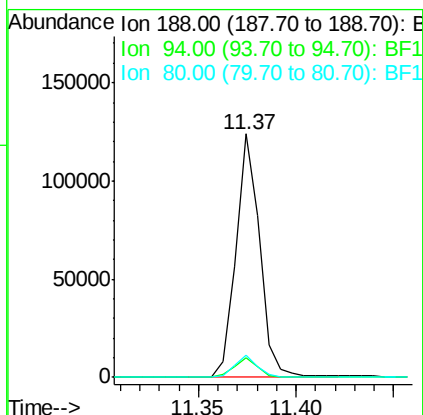
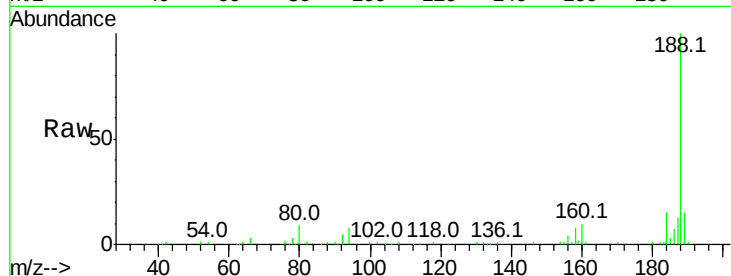




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

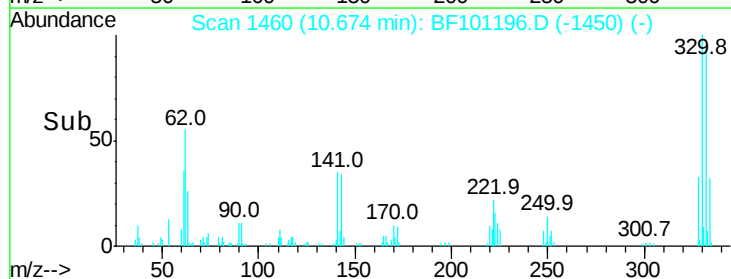
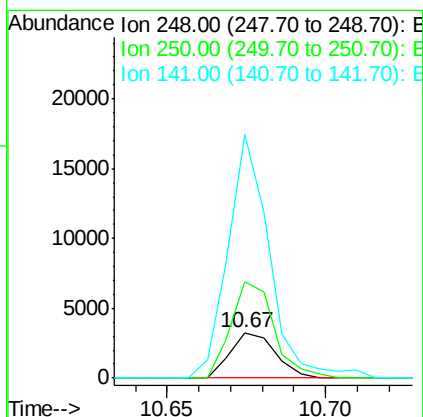
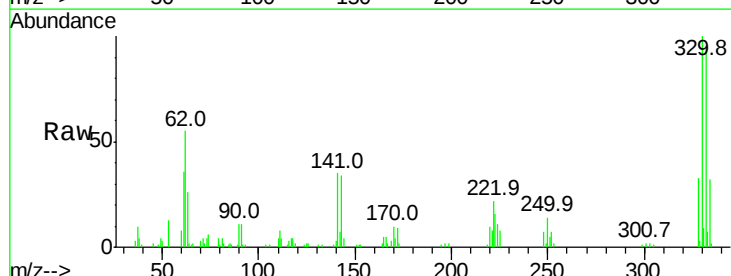
Instrument :
BNA_F
ClientSampleId :
BART-1-E(4-5)

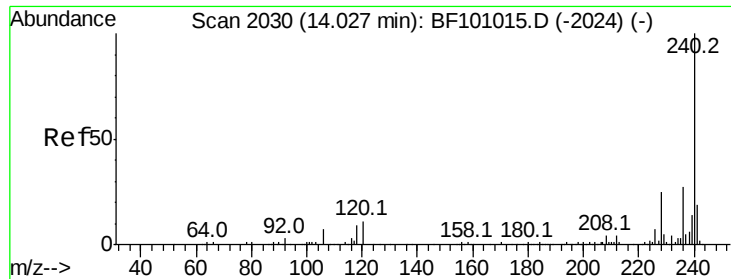
Tot Ion:188 Resp: 104828
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101196.D
Acq: 7 Dec 2017 4:59

Tgt Ion:248 Resp: 3204
Ion Ratio Lower Upper
248 100
250 212.4 76.9 115.3#
141 536.1 74.4 111.6#

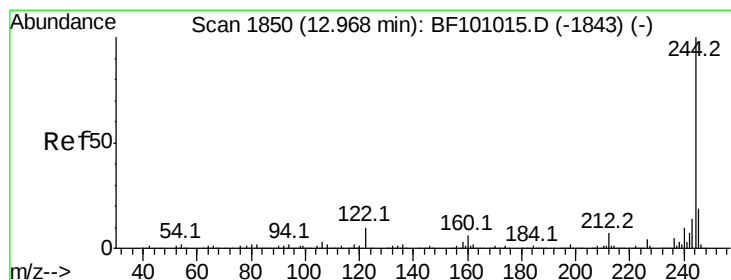
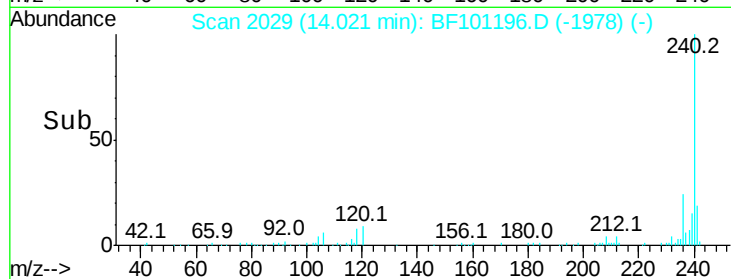
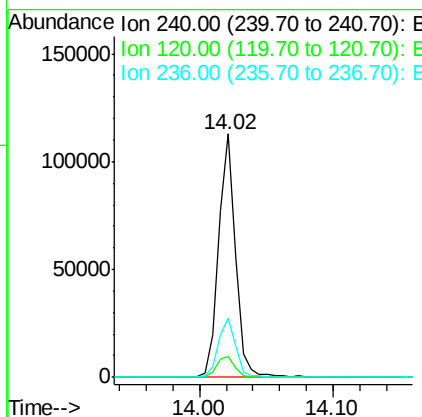
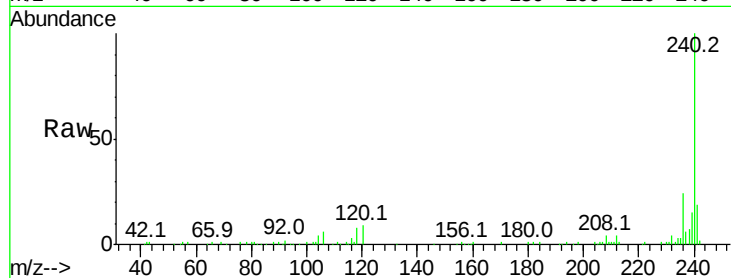




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

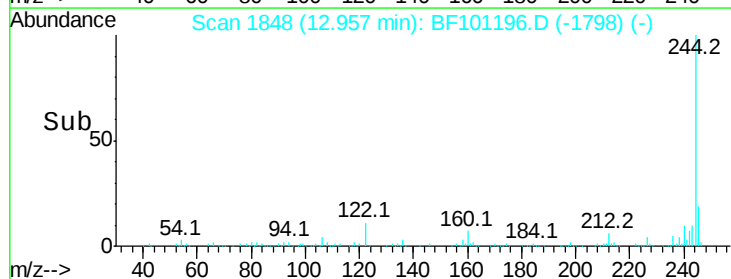
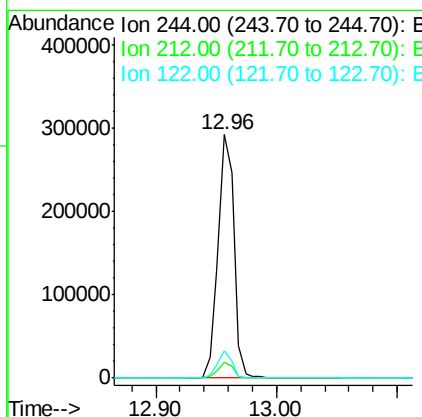
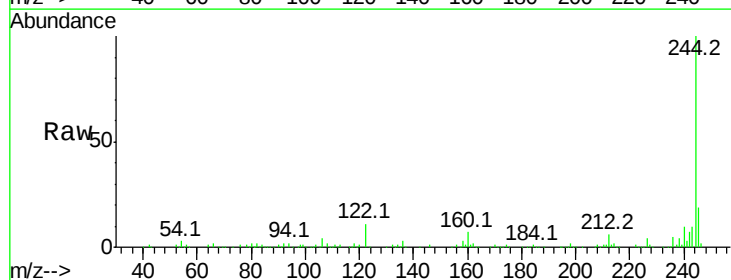
Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(4-5)

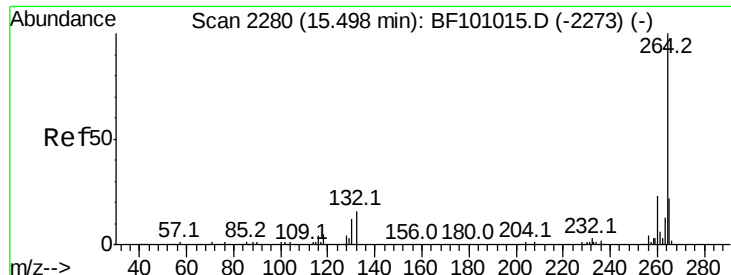
Tot Ion:240 Resp: 101954
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.5 14.3#
 236 24.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 56.588 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Tgt Ion:244 Resp: 263771
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.0 11.0 16.4

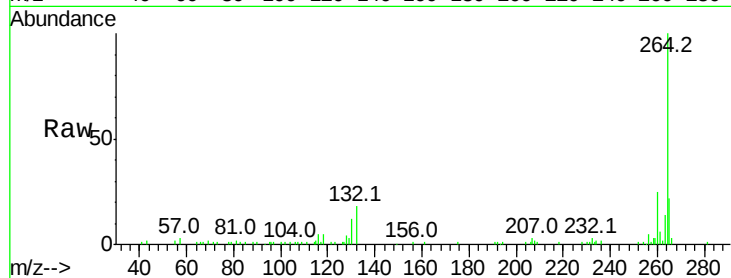




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101196.D
 Acq: 7 Dec 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(4-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

