

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101188.D
 Acq On : 7 Dec 2017 1:24
 Operator : SJ/JU
 Sample : I6656-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Quant Time: Dec 07 04:50:47 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

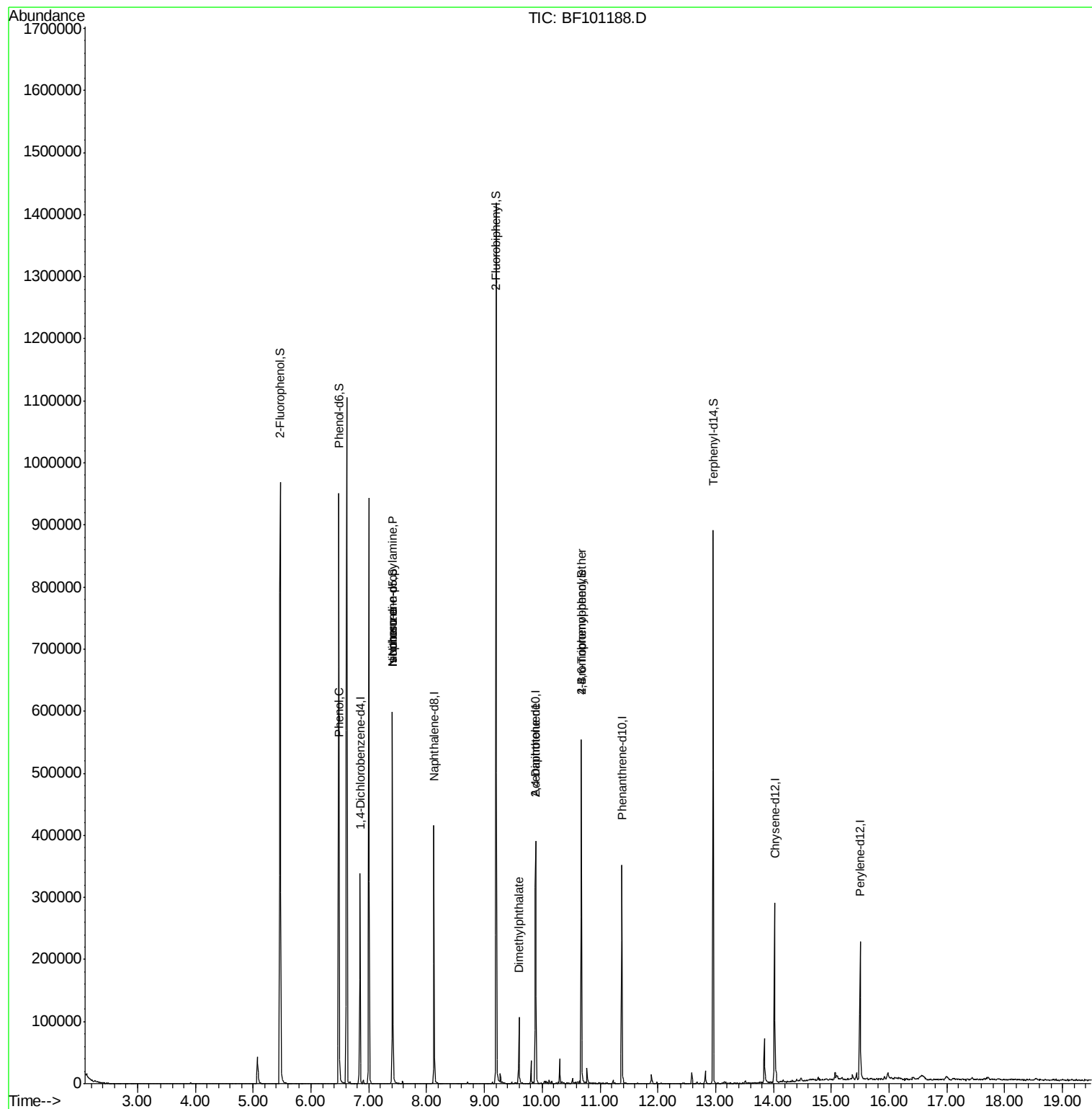
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47440	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	179269	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	77432	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	124276	20.00	ng	0.00
75) Chrysene-d12	14.02	240	105559	20.00	ng	0.00
86) Perylene-d12	15.50	264	107242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	268050	93.37	ng	0.00
7) Phenol-d6	6.48	99	322021	92.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	204991	68.21	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	67495	72.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	412291	72.85	ng	0.00
78) Terphenyl-d14	12.96	244	288592	59.80	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9792	2.527	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	27286	11.624	ng	# 83
25) Isophorone	7.41	82	204988	39.934	ng	# 64
49) Dimethylphthalate	9.60	163	48043	7.693	ng	# 98
56) 2,4-Dinitrotoluene	9.89	165	9509	5.395	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	4130	2.969	ng	# 1

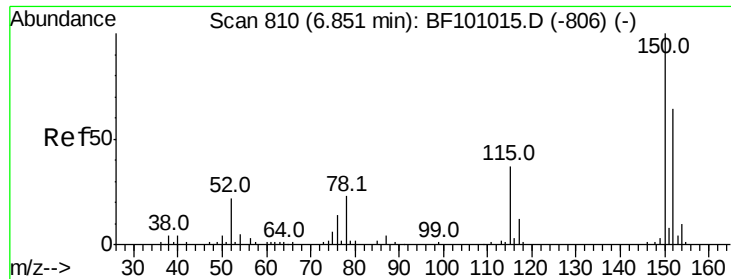
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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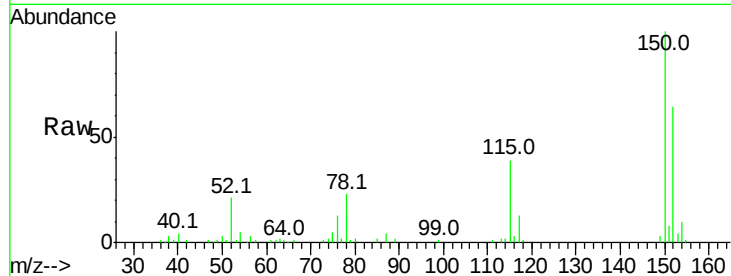


#1

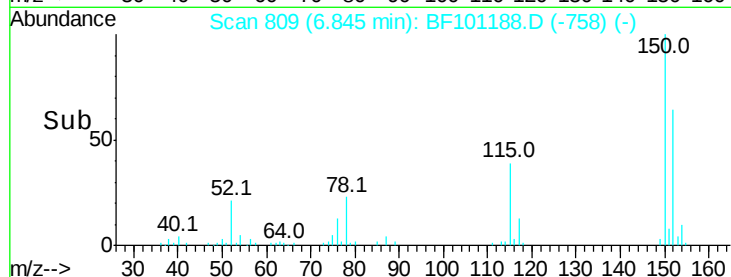
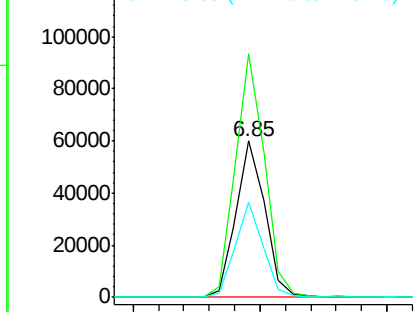
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

Instrument :
BNA_F
ClientSampleId :
BART-4-E(0-1)

Tot Ion:152 Resp: 47440
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.4 50.1 75.1



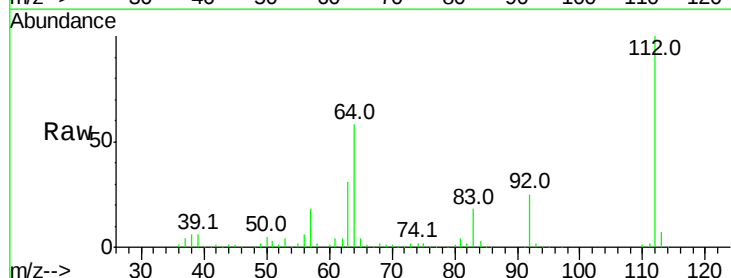
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



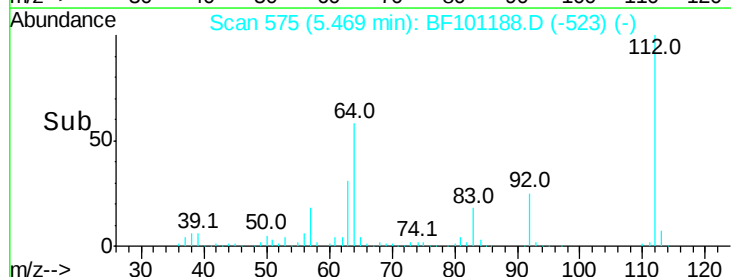
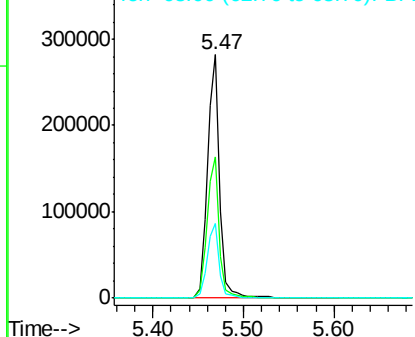
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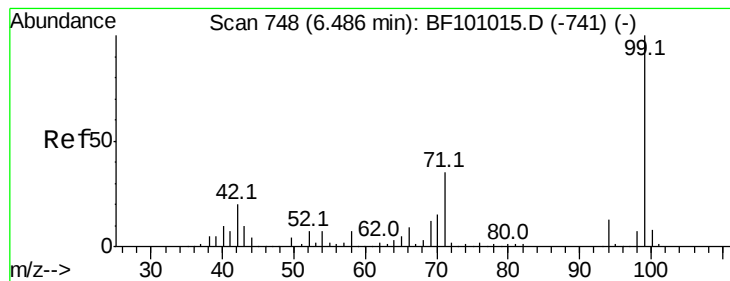
2-Fluorophenol
Concen: 93.368 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

Tgt Ion:112 Resp: 268050
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 30.9 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: 92.387 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101188.D

Acq: 7 Dec 2017 1:24

Instrument :

BNA_F

ClientSampleId :

BART-4-E(0-1)

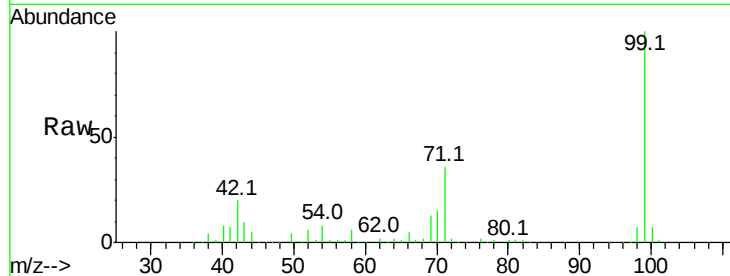
Tot Ion: 99 Resp: 322021

Ion Ratio Lower Upper

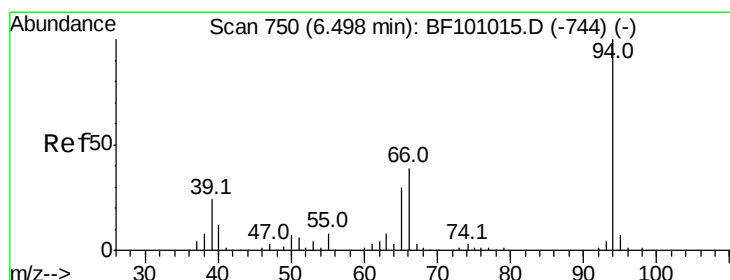
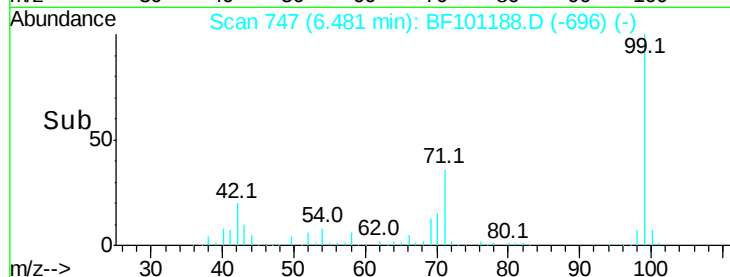
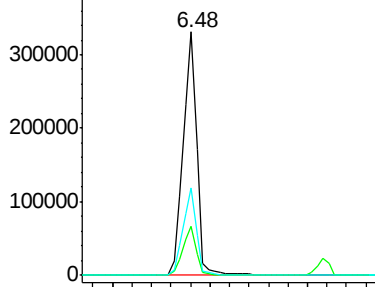
99 100

42 20.0 14.5 21.7

71 35.7 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



#10

Phenol

Concen: 2.527 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101188.D

Acq: 7 Dec 2017 1:24

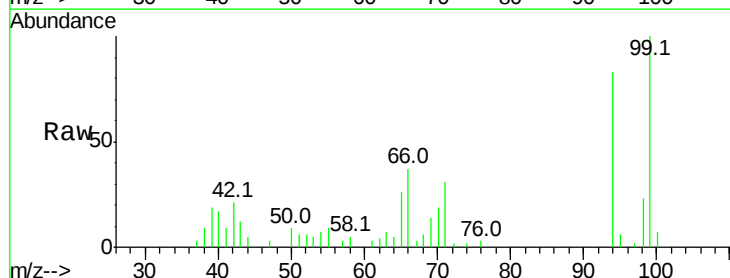
Tgt Ion: 94 Resp: 9792

Ion Ratio Lower Upper

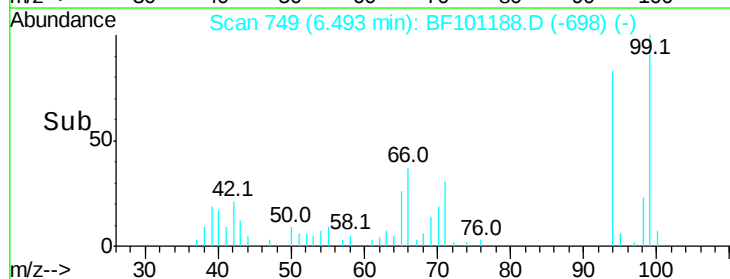
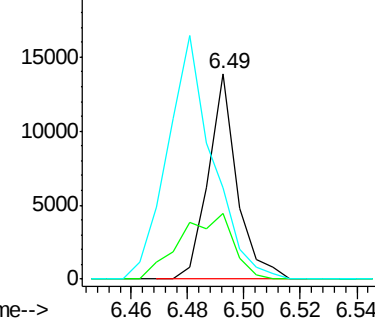
94 100

65 31.8 7.9 47.9

66 44.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

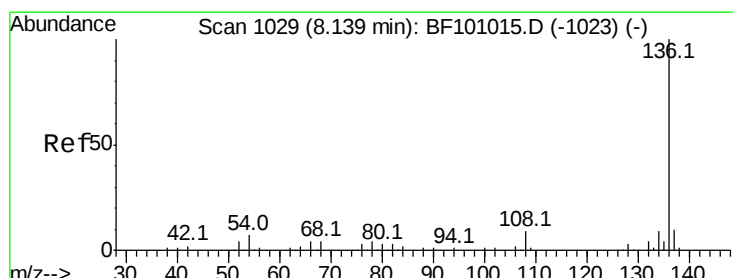
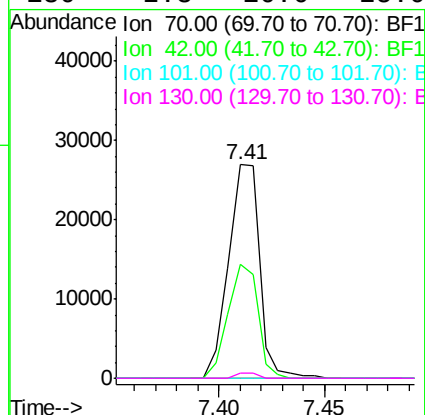
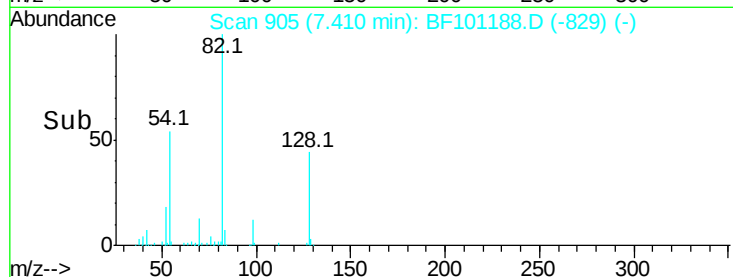
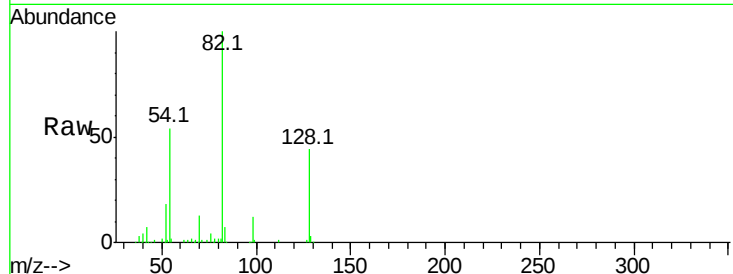




#19
n-Nitroso-di-n-propylamine
Concen: 11.624 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

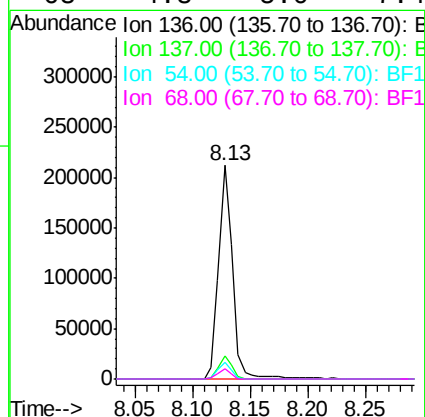
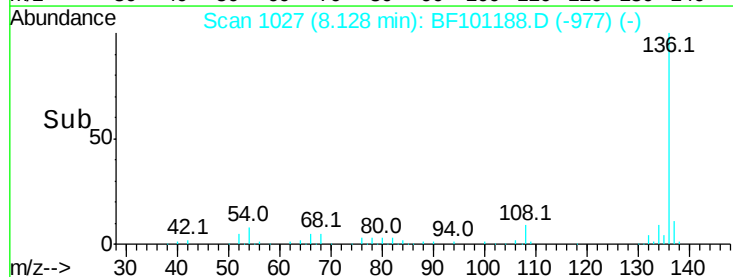
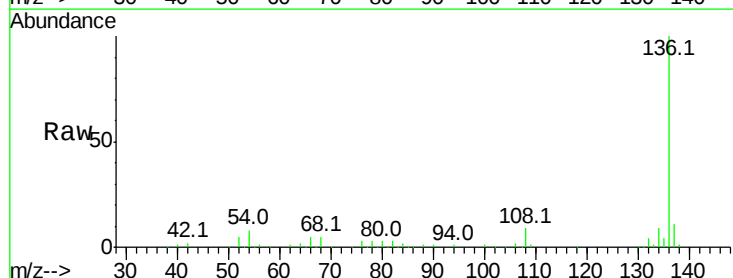
Instrument :
BNA_F
ClientSampleId :
BART-4-E(0-1)

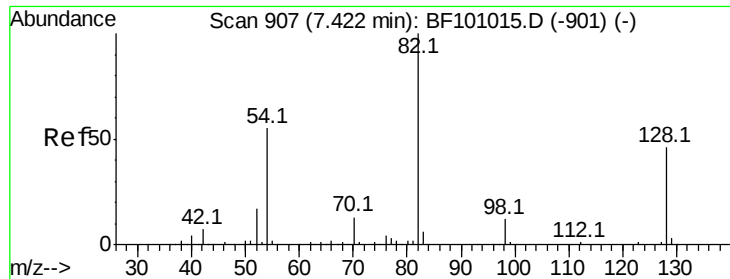
Tot Ion: 70 Resp: 27286
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

Tgt Ion:136 Resp: 179269
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 6.6 9.8
68 4.8 5.0 7.4#

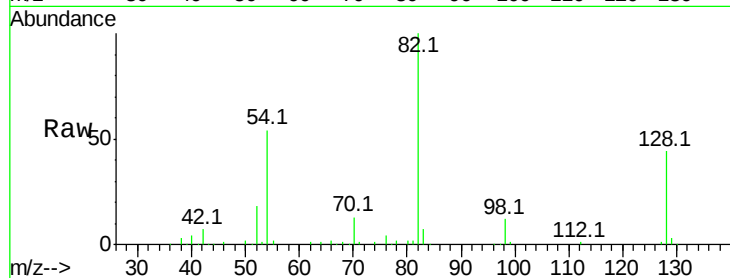




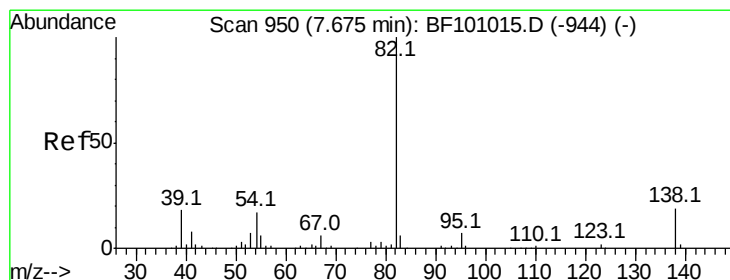
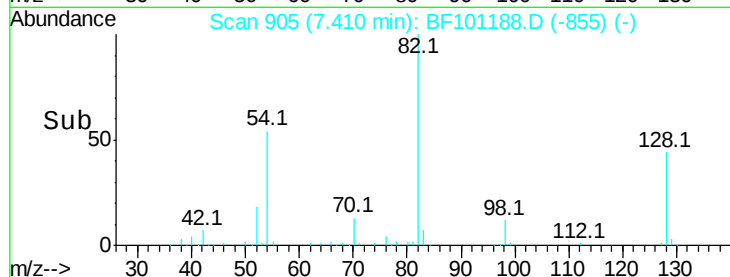
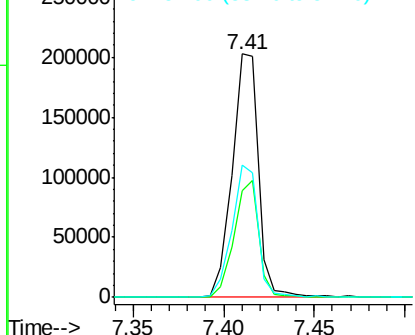
#23
 Nitrobenzene-d5
 Concen: 68.212 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Tot Ion	82	Resp	204991
Ion Ratio	100	Lower	Upper
128	44.0	36.1	54.1
54	54.3	41.4	62.2

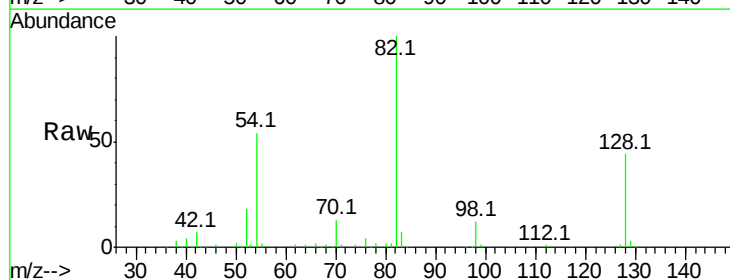


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

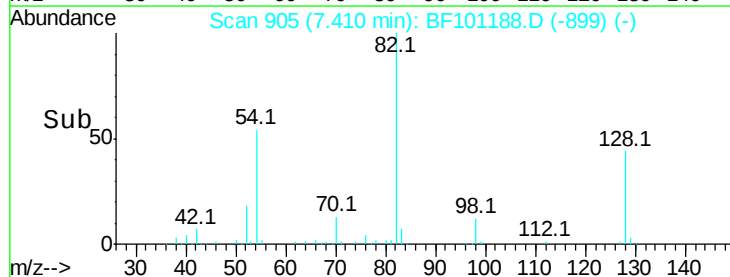
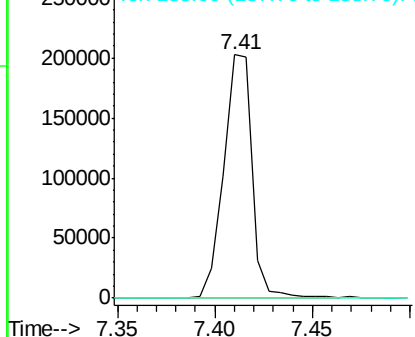


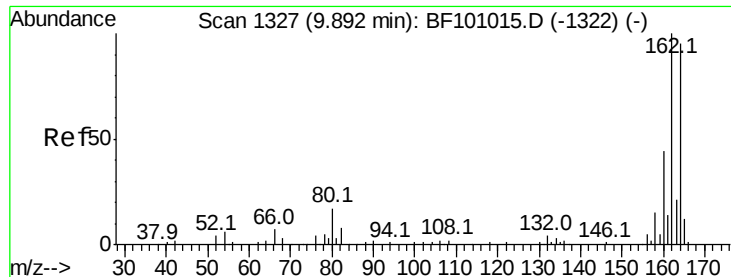
#25
 Isophorone
 Concen: 39.934 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Tgt Ion	82	Resp	204988
Ion Ratio	100	Lower	Upper
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

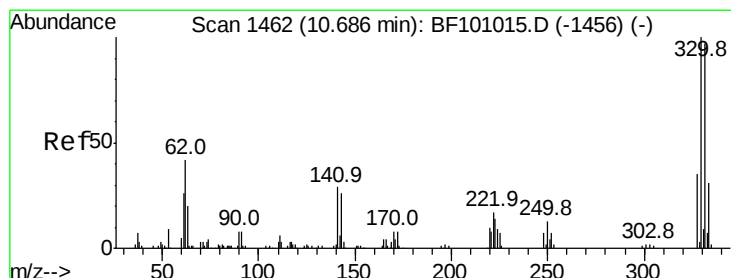
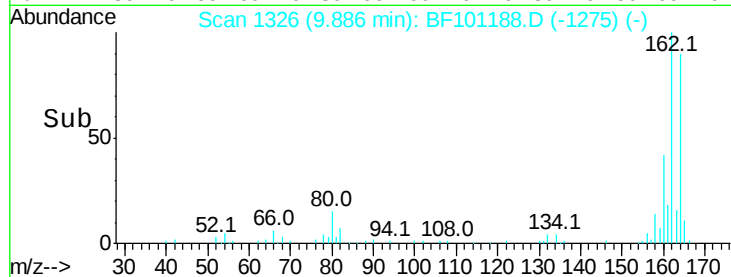
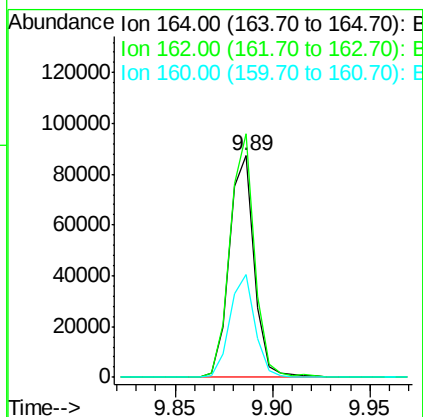
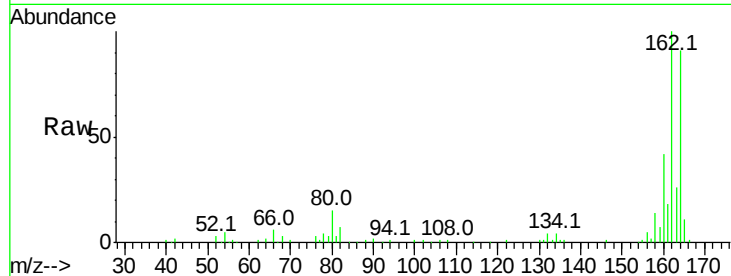




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

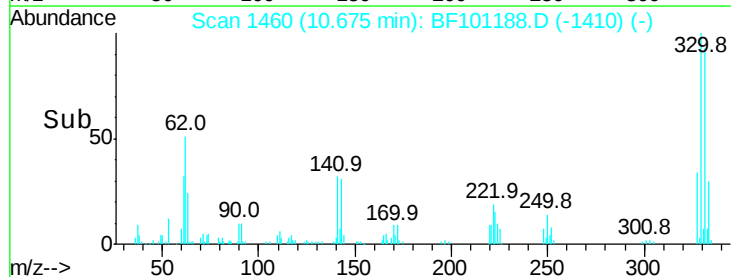
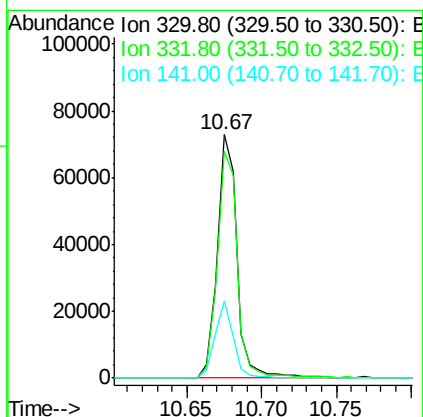
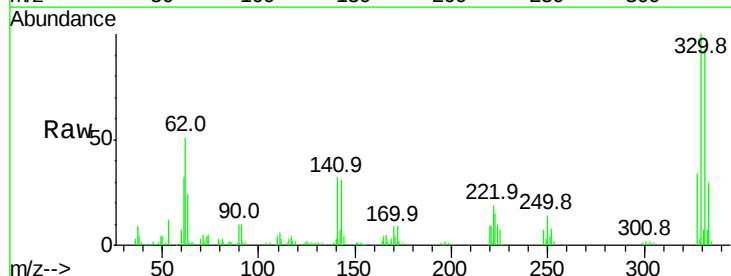
Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Tot Ion:164 Resp: 77432
 Ion Ratio Lower Upper
 164 100
 162 109.8 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 72.561 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Tgt Ion:330 Resp: 67495
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.2 29.9 44.9#

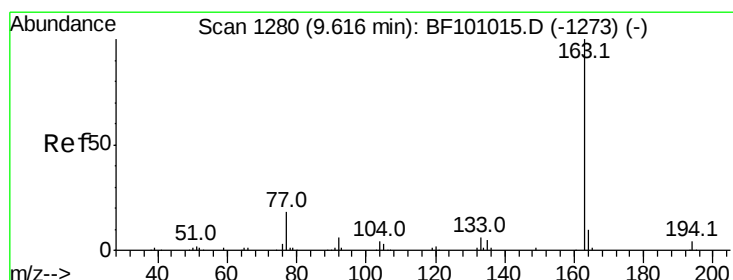
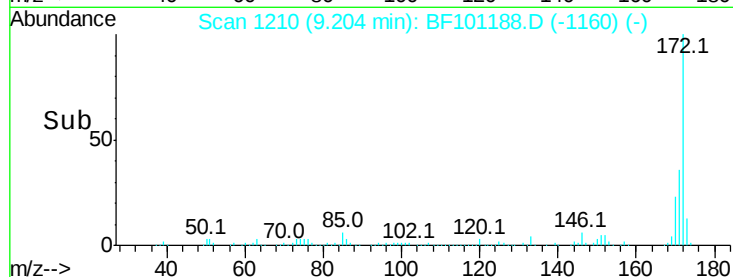
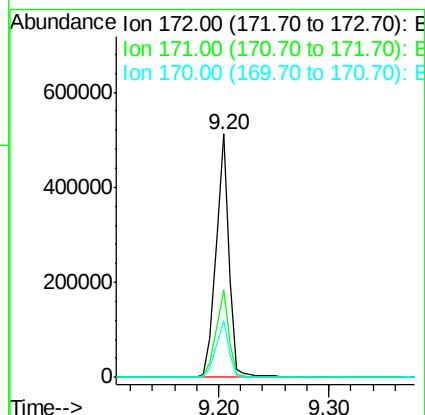
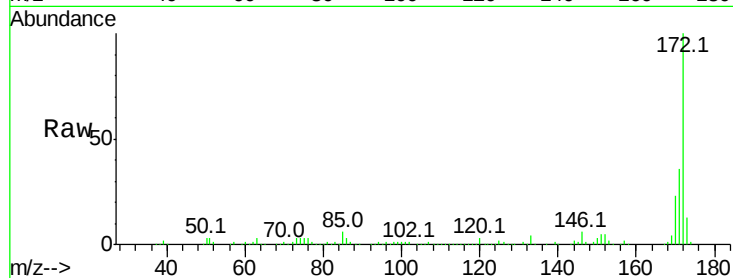




#44
2-Fluorobiphenyl
Concen: 72.851 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

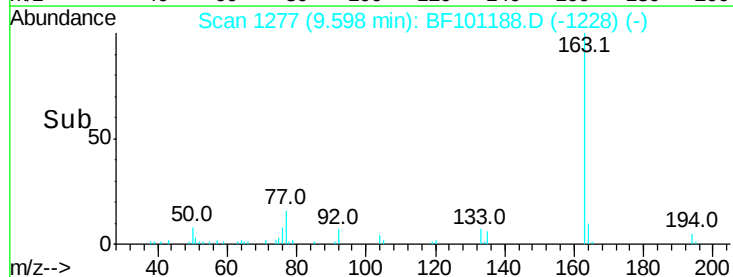
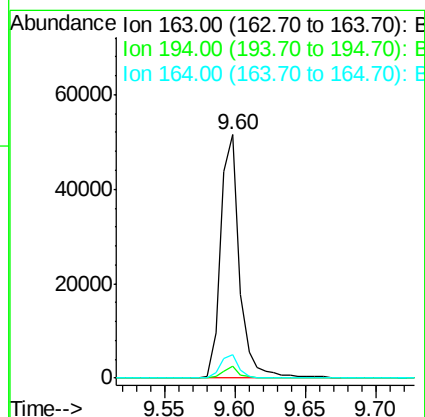
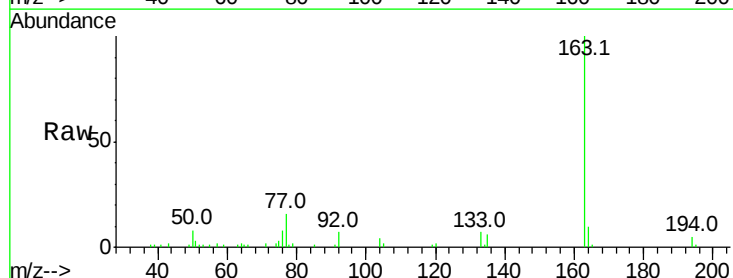
Instrument :
BNA_F
ClientSampleId :
BART-4-E(0-1)

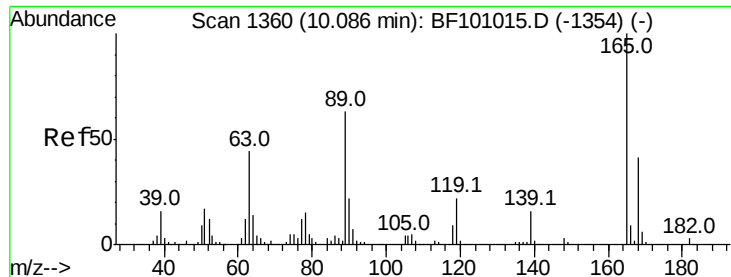
Tot Ion:172 Resp: 412291
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.1 19.6 29.4



#49
Dimethylphthalate
Concen: 7.693 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101188.D
Acq: 7 Dec 2017 1:24

Tgt Ion:163 Resp: 48043
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 9.8 8.2 12.2

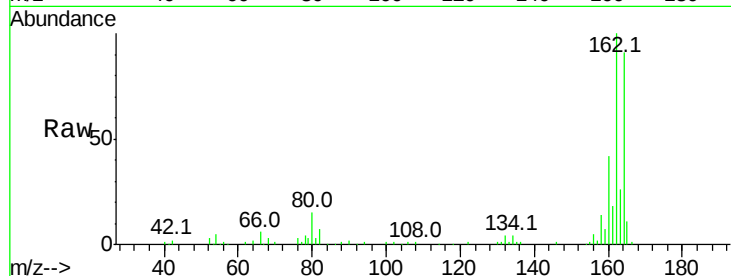




#56
 2,4-Dinitrotoluene
 Concen: 5.395 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Tot 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#

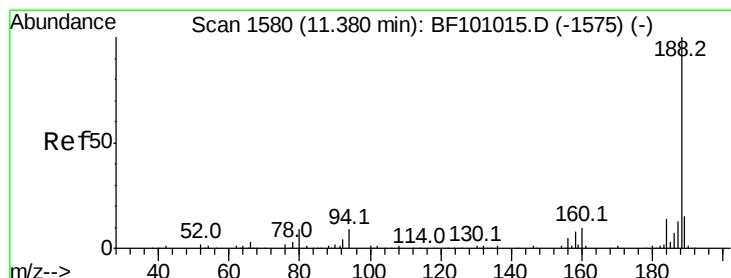
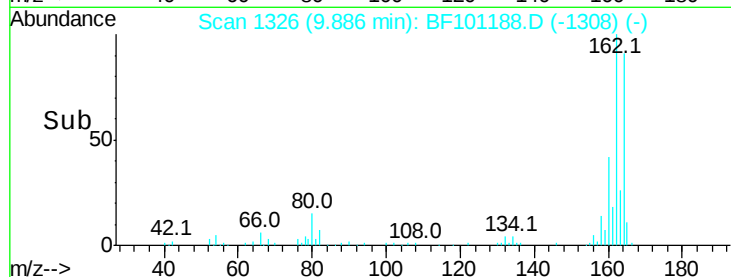
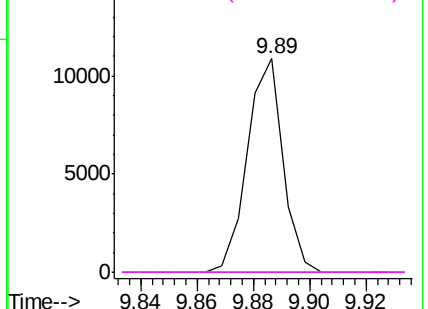


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

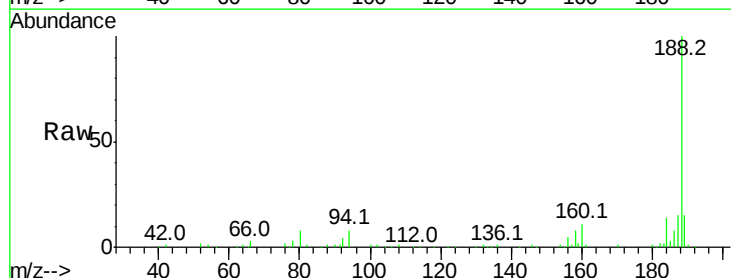
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

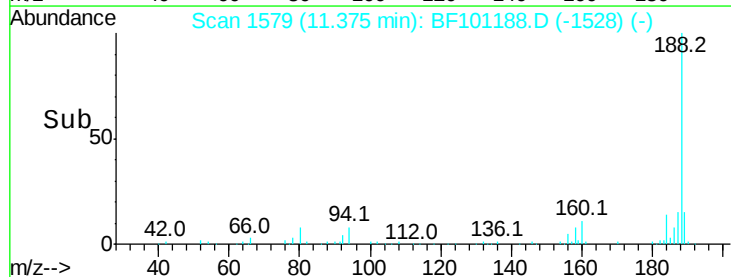
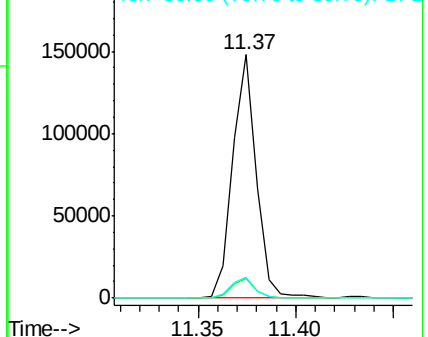
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.4	9.2	13.8#

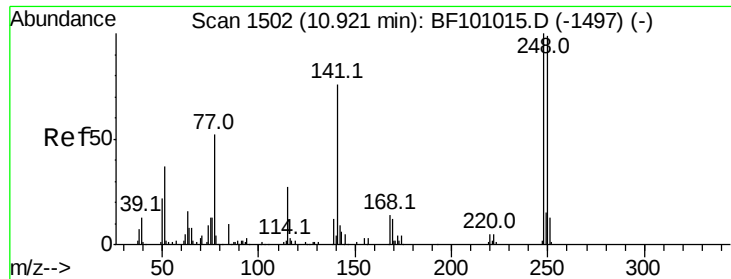


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

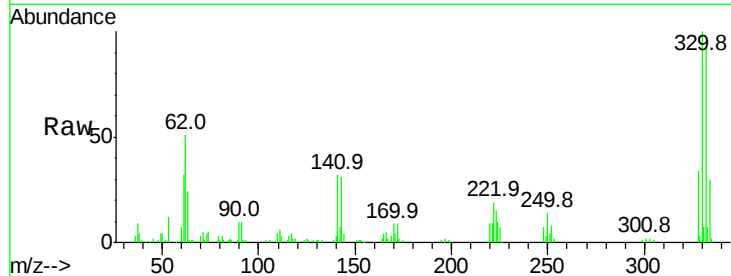




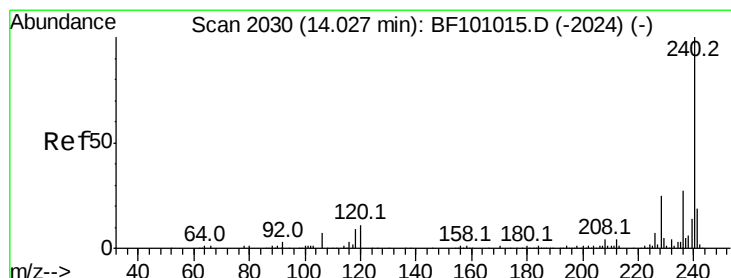
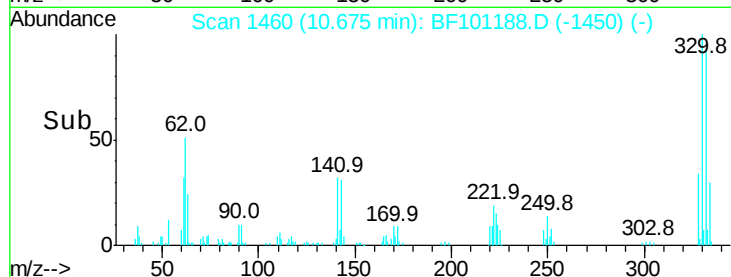
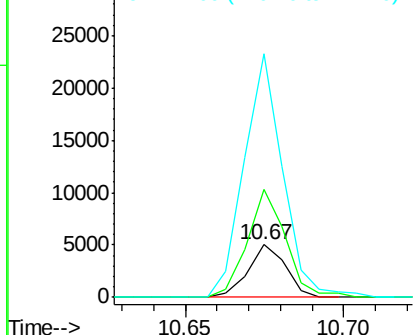
#66
 4-Bromophenyl-phenylether
 Concen: 2.969 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Tot Ion:248 Resp: 4130
 Ion Ratio Lower Upper
 248 100
 250 204.7 76.9 115.3#
 141 461.4 74.4 111.6#

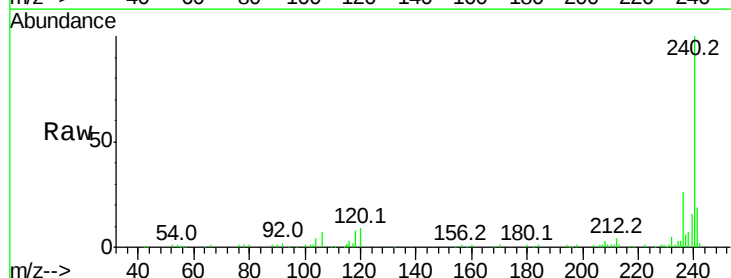


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

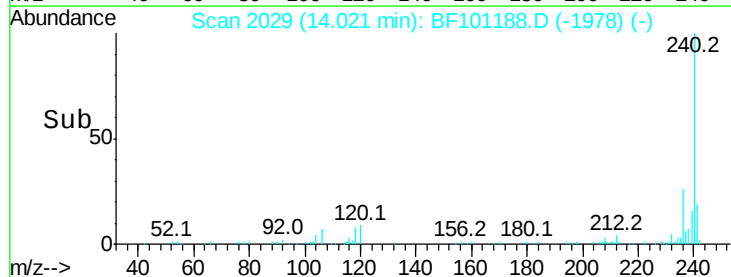
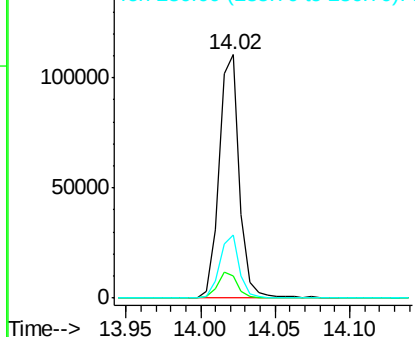


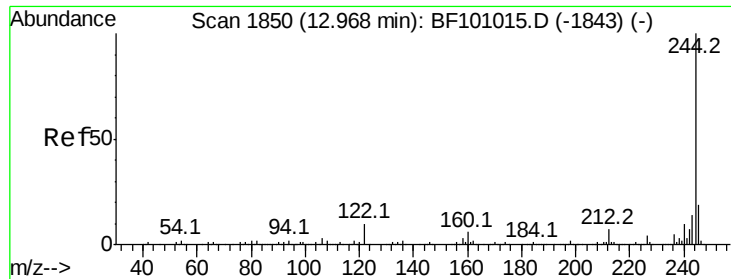
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Tgt Ion:240 Resp: 105559
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

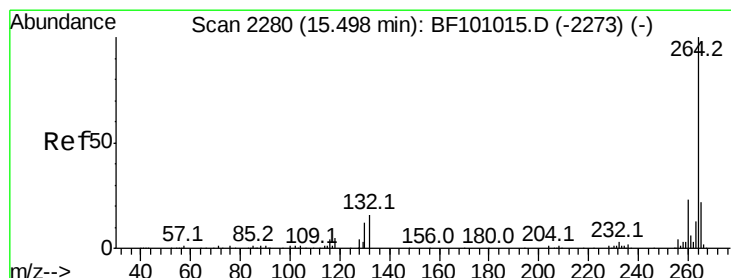
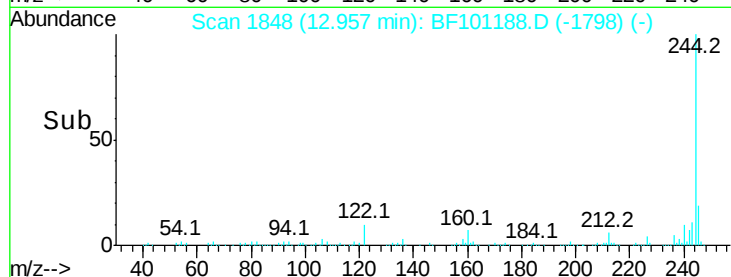
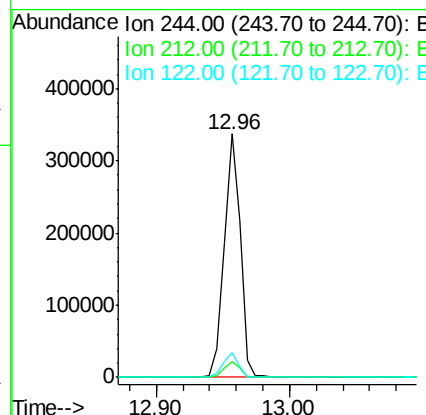
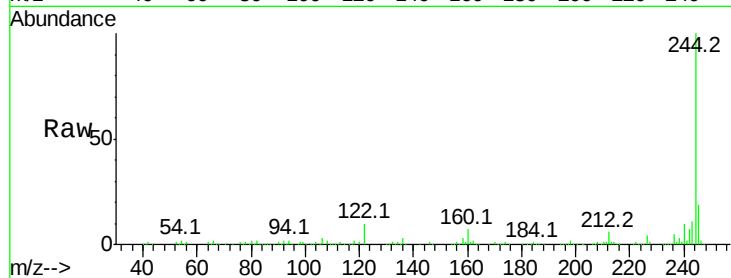




#78
 Terphenyl-d14
 Concen: 59.798 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(0-1)

Tot Ion:244 Resp: 288592
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101188.D
 Acq: 7 Dec 2017 1:24

Tgt Ion:264 Resp: 107242
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 17.5 26.3

