

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101192.D
 Acq On : 7 Dec 2017 3:12
 Operator : SJ/JU
 Sample : I6656-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-3-E(7-8)

Quant Time: Dec 07 04:32:21 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

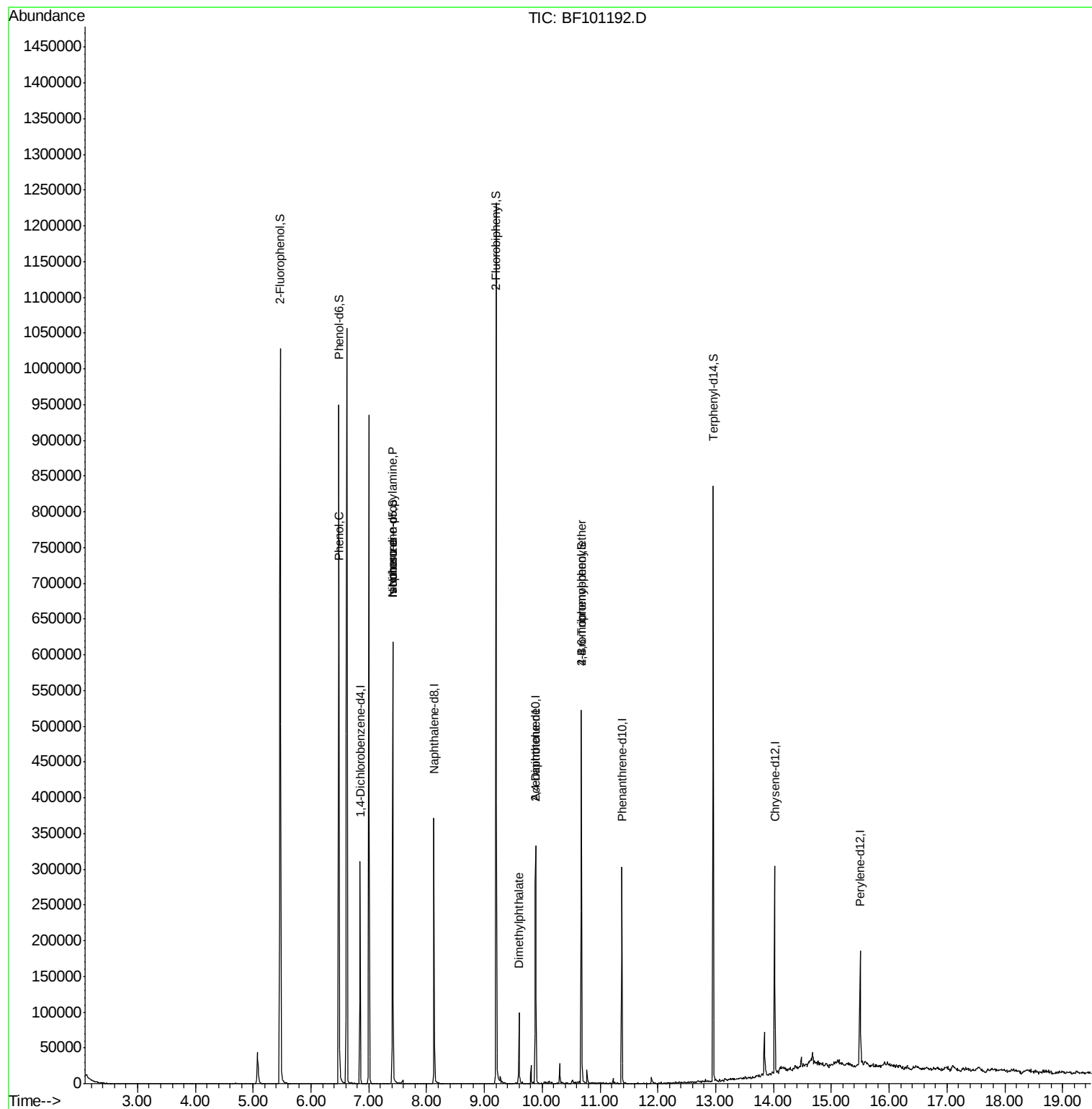
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	45428	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	164561	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	65731	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107438	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99869	20.00	ng	0.00
86) Perylene-d12	15.50	264	83712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	278172	101.19	ng	0.00
7) Phenol-d6	6.48	99	327416	98.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	197479	71.59	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	68397	86.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	362023	75.36	ng	0.00
78) Terphenyl-d14	12.96	244	281024	61.55	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9379	2.527	ng	87
19) n-Nitroso-di-n-propylamine	7.42	70	25937	11.539	ng	# 77
25) Isophorone	7.42	82	197477	41.909	ng	# 64
49) Dimethylphthalate	9.60	163	42167	7.954	ng	99
56) 2,4-Dinitrotoluene	9.88	165	8816	5.892	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	4260	3.542	ng	# 1

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

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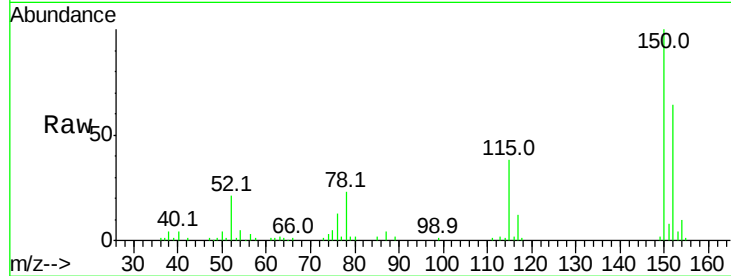


#1

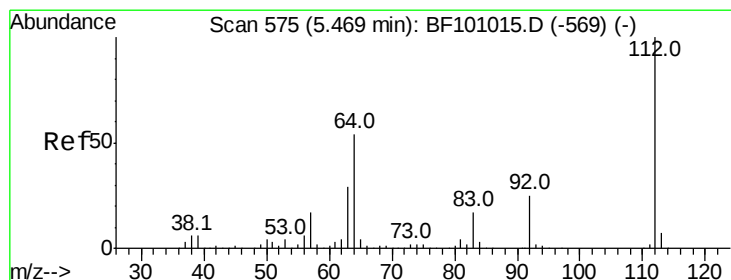
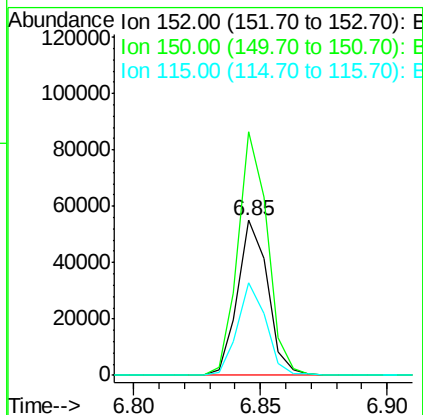
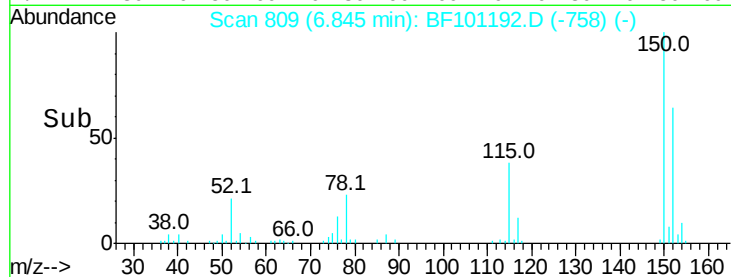
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

Tot Ion:152 Resp: 45428
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.6 50.1 75.1



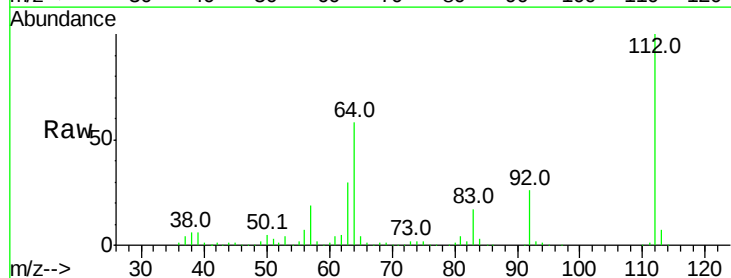
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



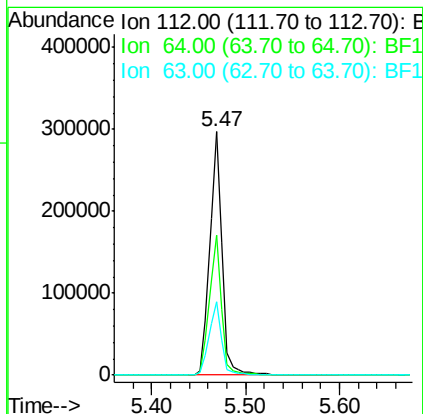
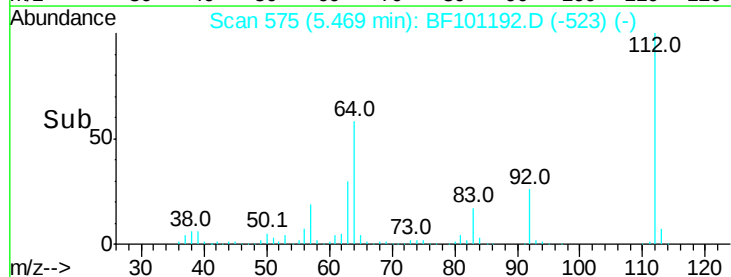
#5

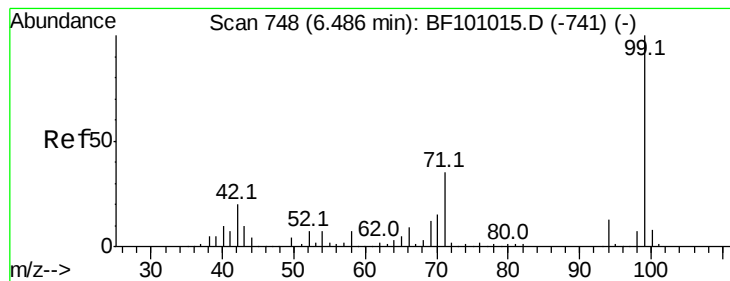
2-Fluorophenol
Concen: 101.185 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:112 Resp: 278172
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.0 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: 98.096 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

Instrument :

BNA_F

ClientSampleId :

BART-3-E(7-8)

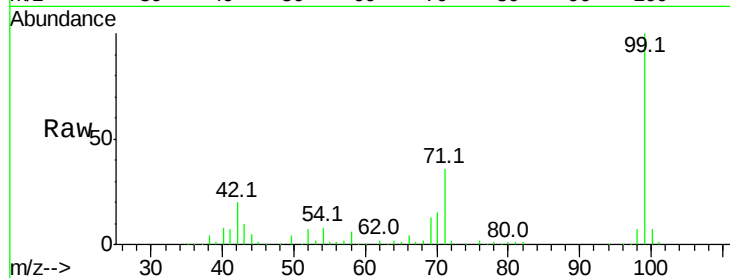
Tot Ion: 99 Resp: 327416

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

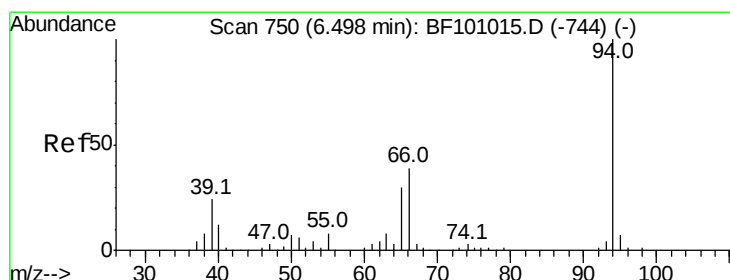
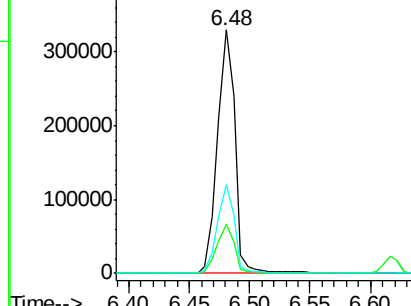
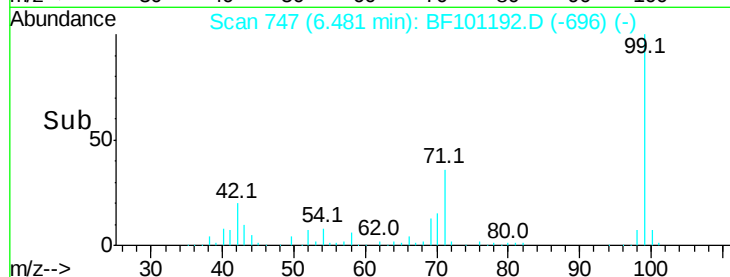
71 36.2 25.4 38.0



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: BF101192.D

Acq: 7 Dec 2017 3:12

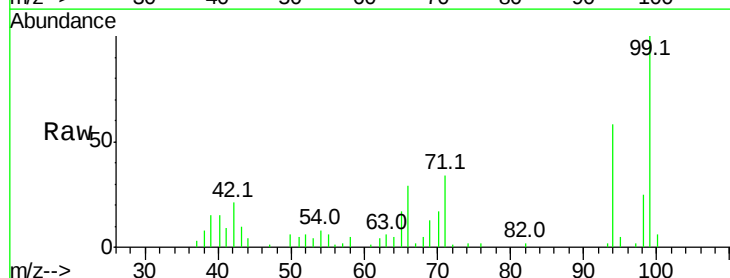
Tgt Ion: 94 Resp: 9379

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

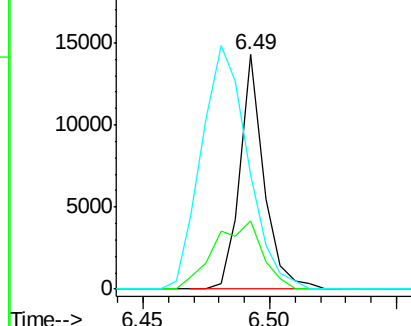
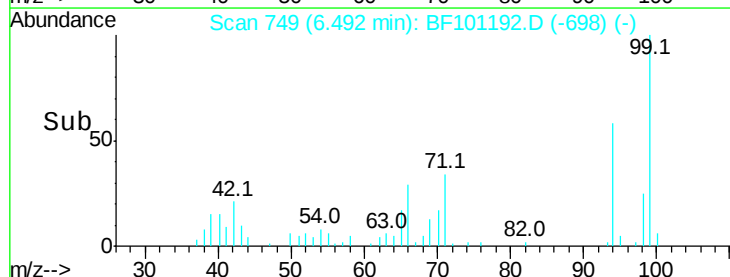
66 48.8 16.2 56.2



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

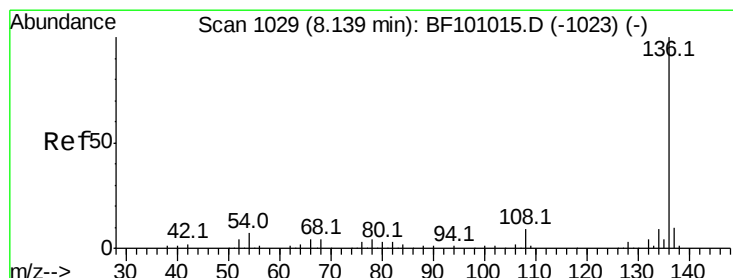
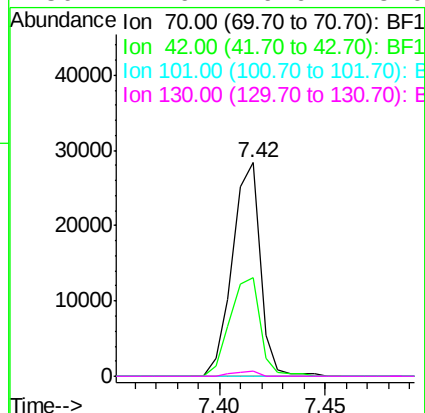
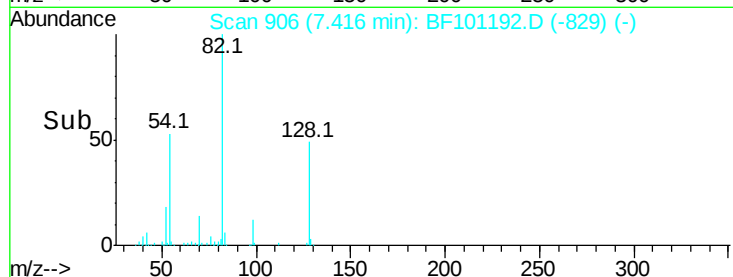
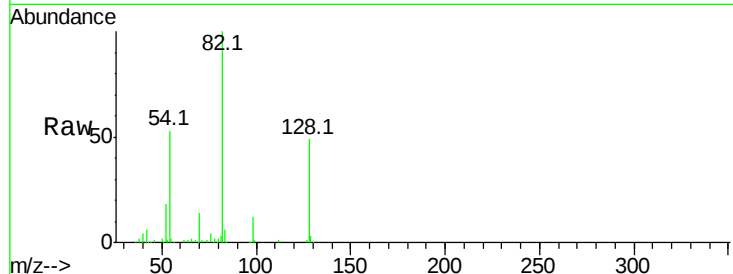




#19
n-Nitroso-di-n-propylamine
Concen: 11.539 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

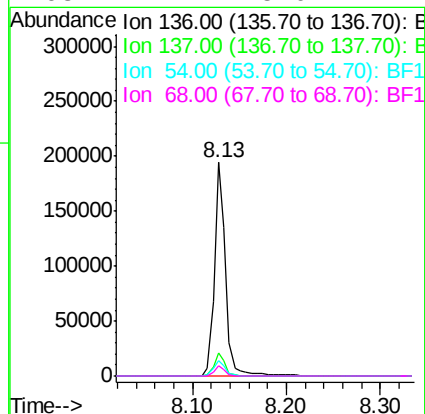
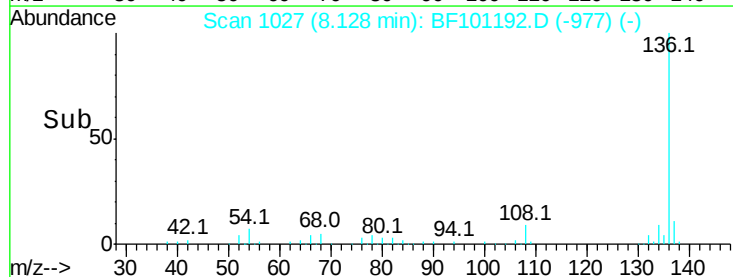
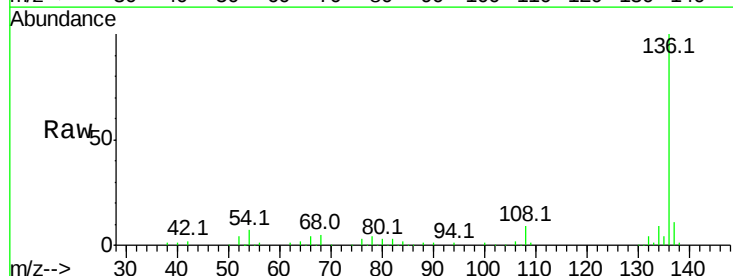
Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

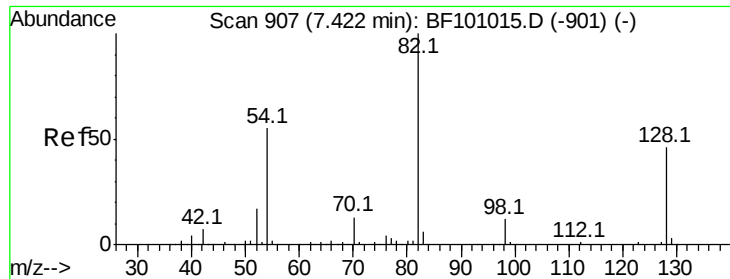
Tot Ion: 70 Resp: 25937
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:136 Resp: 164561
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 6.6 9.8
68 4.7 5.0 7.4#

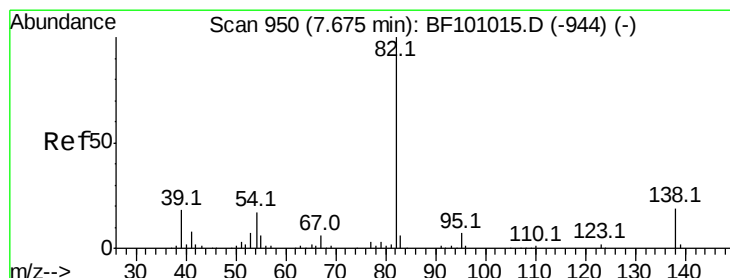
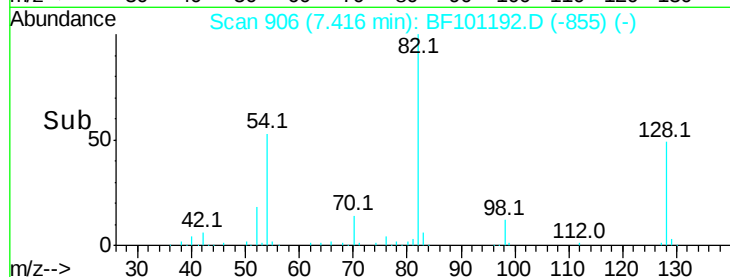
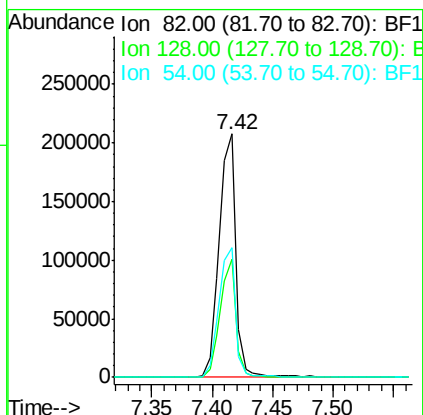
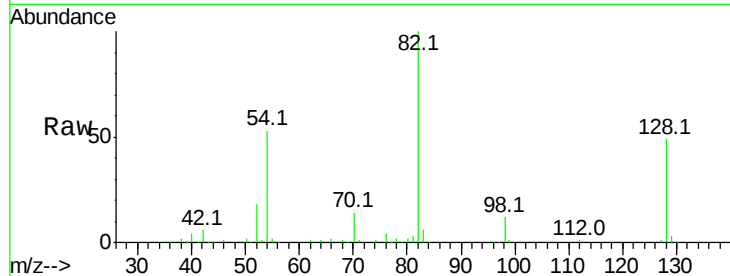




#23
 Nitrobenzene-d5
 Concen: 71.586 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101192.D
 Acq: 7 Dec 2017 3:12

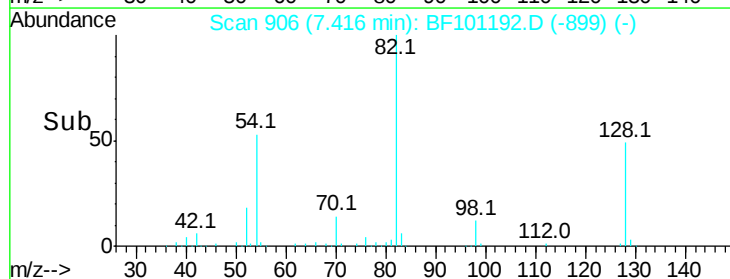
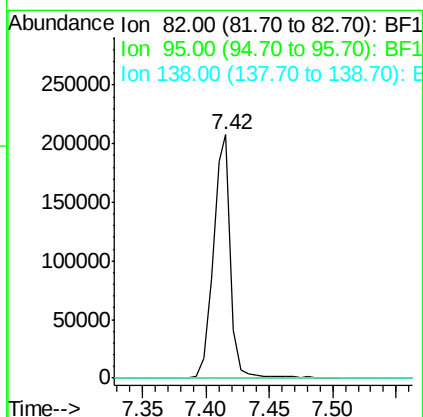
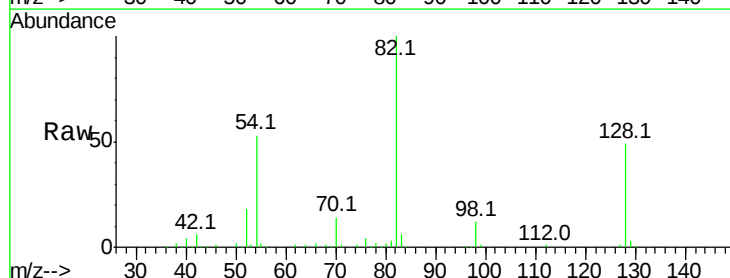
Instrument :
 BNA_F
 ClientSampleId :
 BART-3-E(7-8)

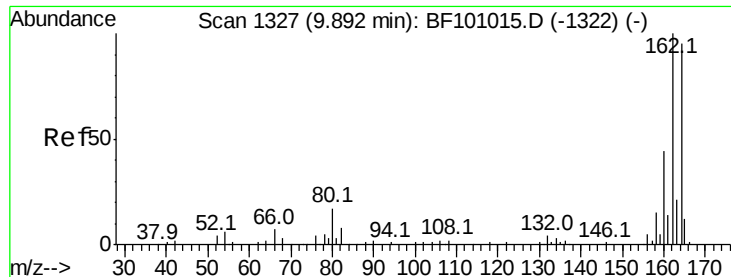
Tot Ion	82	Resp	197479
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 41.909 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101192.D
 Acq: 7 Dec 2017 3:12

Tgt Ion	82	Resp	197477
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

Instrument :

BNA_F

ClientSampleId :

BART-3-E(7-8)

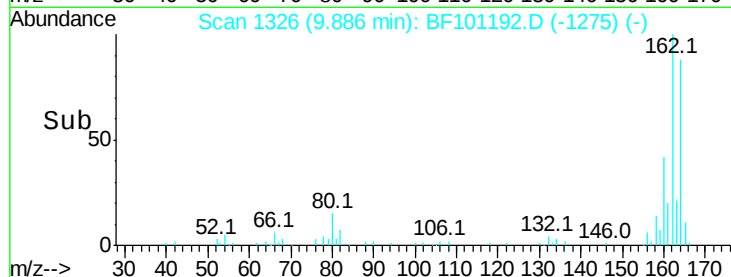
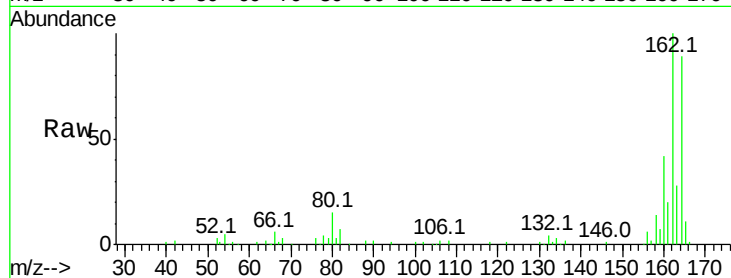
Tot Ion:164 Resp: 65731

Ion Ratio Lower Upper

164 100

162 112.3 86.1 129.1

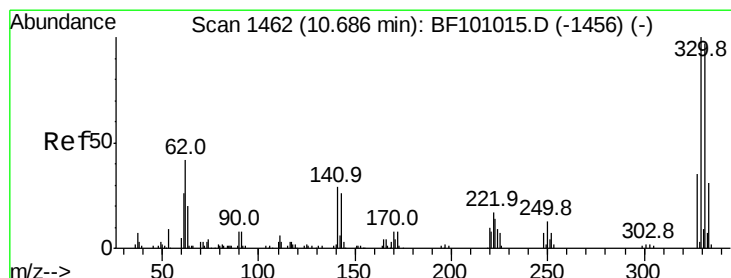
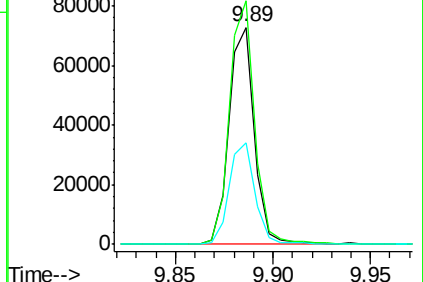
160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 86.621 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

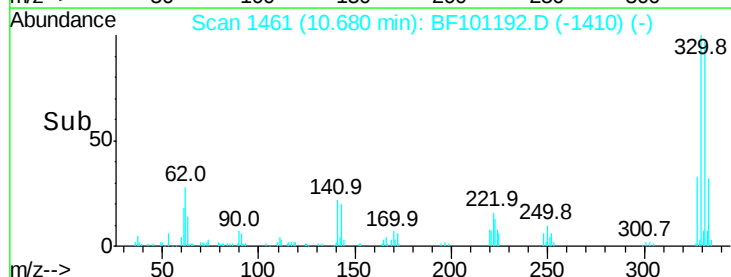
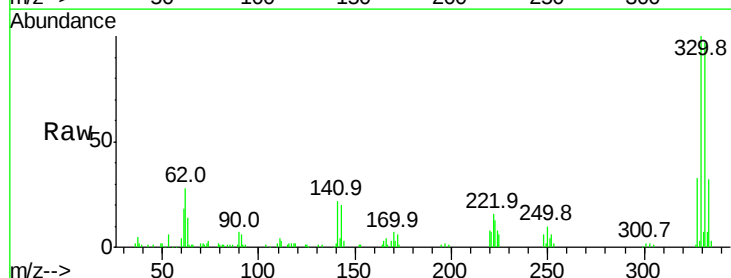
Tgt Ion:330 Resp: 68397

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

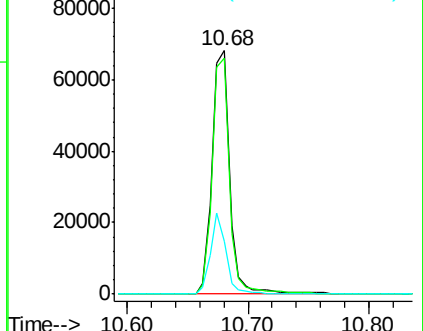
141 29.1 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

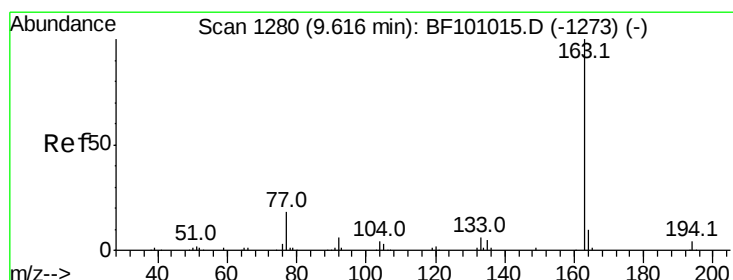
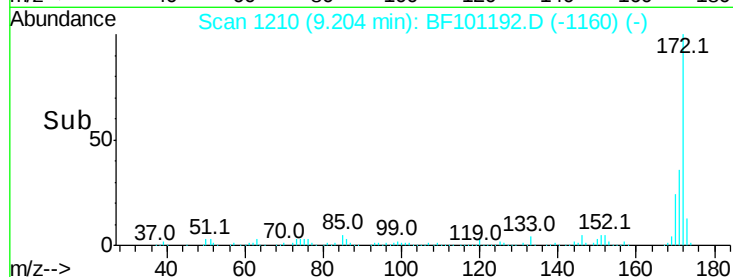
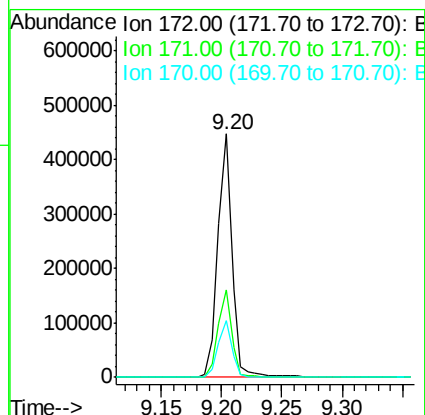
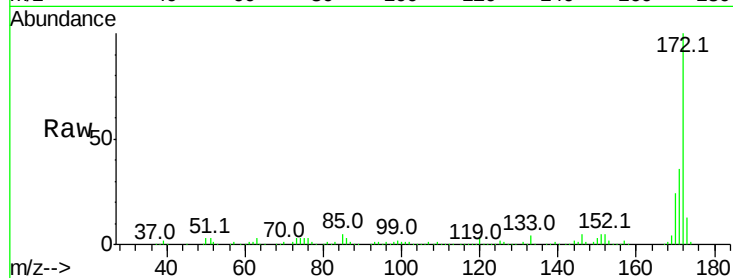




#44
2-Fluorobiphenyl
Concen: 75.356 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

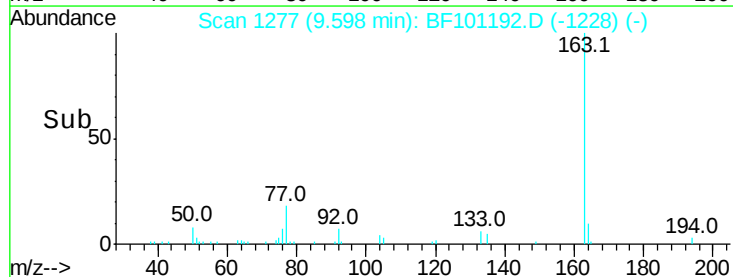
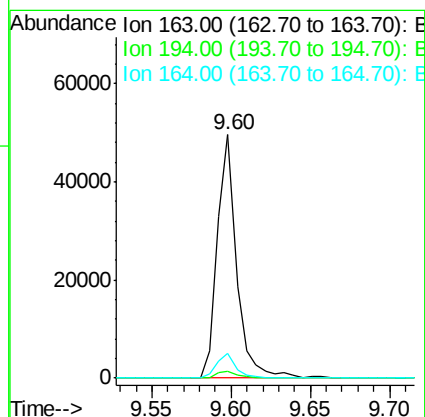
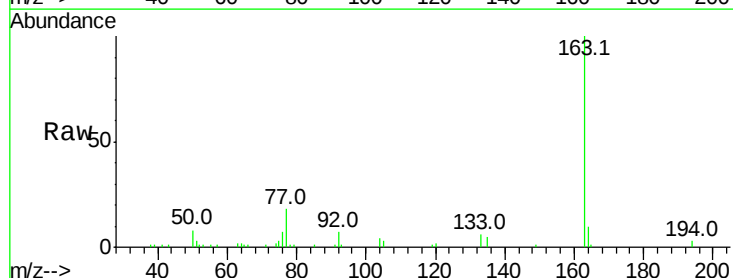
Instrument :
BNA_F
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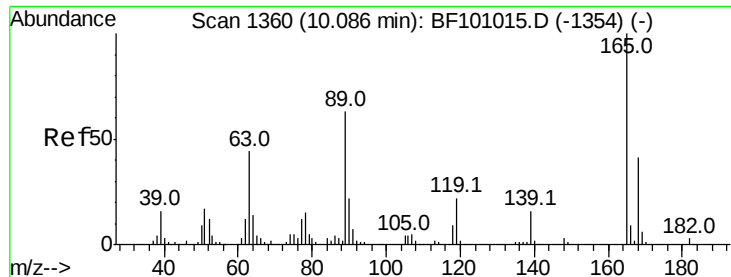
Tot Ion:172 Resp: 362023
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 7.954 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:163 Resp: 42167
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.0 8.2 12.2

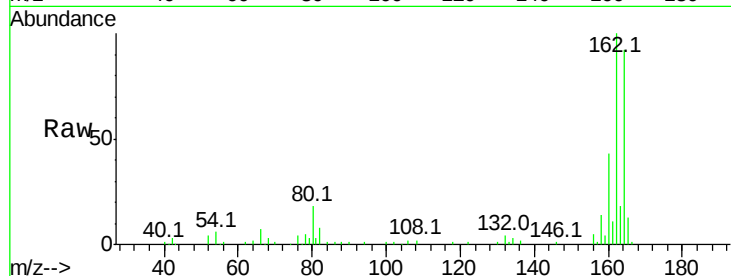




#56
 2,4-Dinitrotoluene
 Concen: 5.892 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101192.D
 Acq: 7 Dec 2017 3:12

Instrument :
 BNA_F
 ClientSampleId :
 BART-3-E(7-8)

Tot Ion:165	Resp:	8816
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#

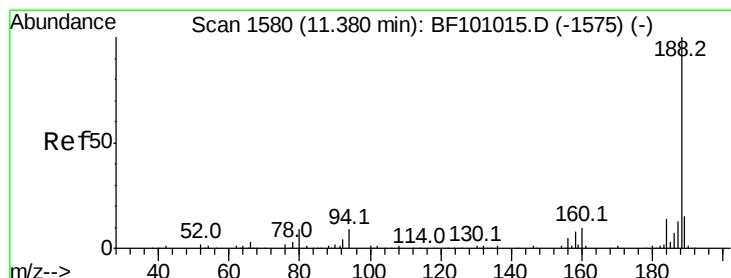
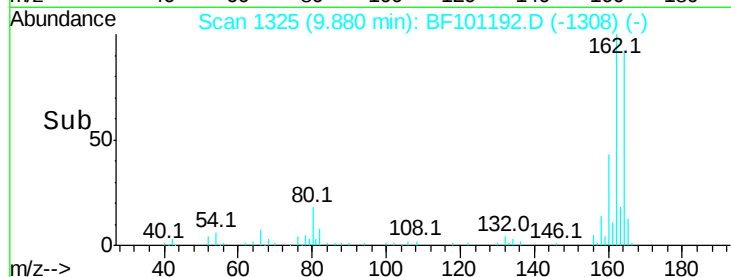
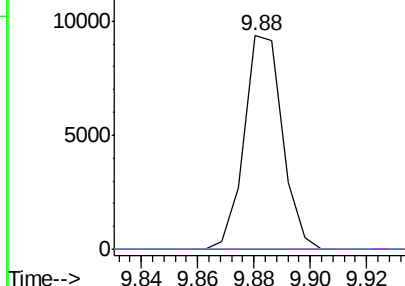


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

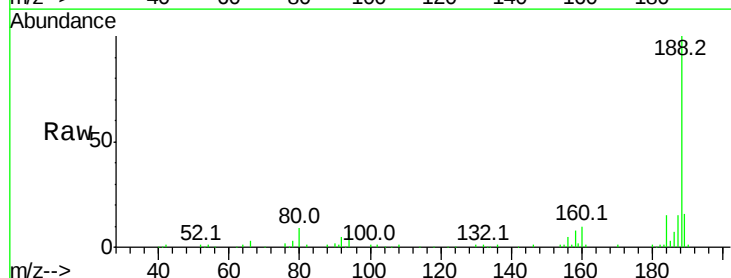
Ion 89.00 (88.70 to 89.70): BF1

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: BF101192.D
 Acq: 7 Dec 2017 3:12

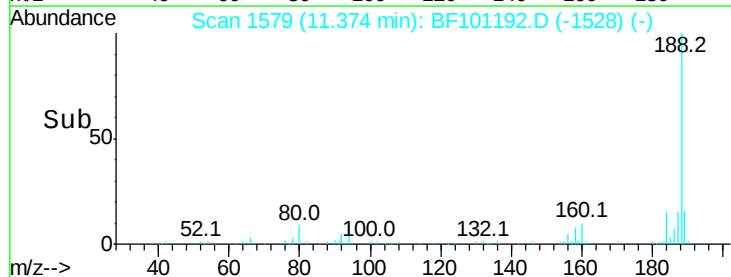
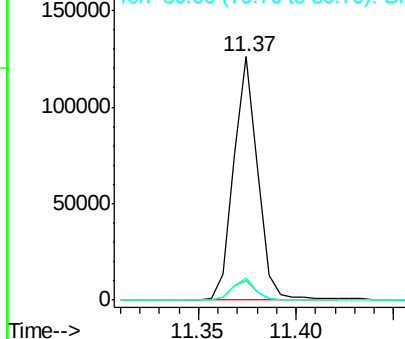
Tgt Ion:188	Resp:	107438
Ion Ratio	Lower	Upper
188	100	
94	8.1	8.5 12.7#
80	8.9	9.2 13.8#

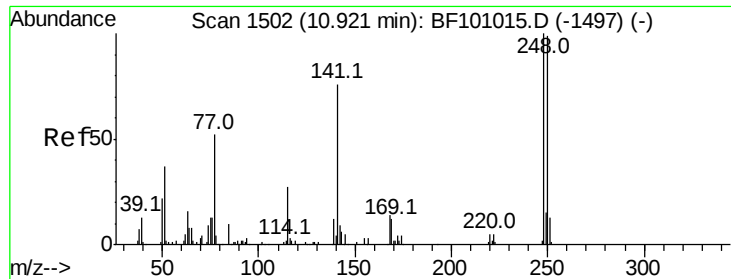


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

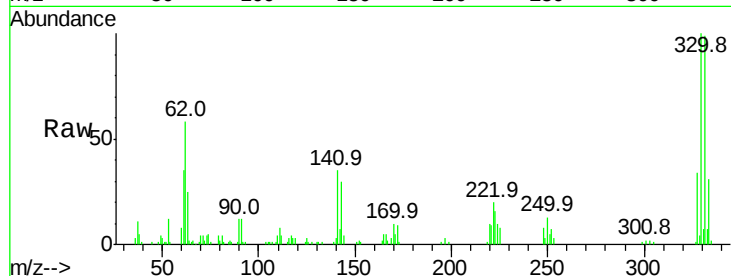




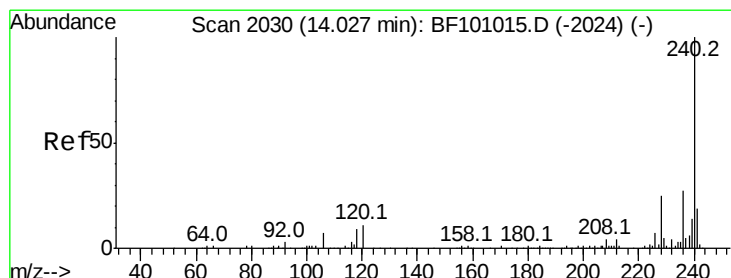
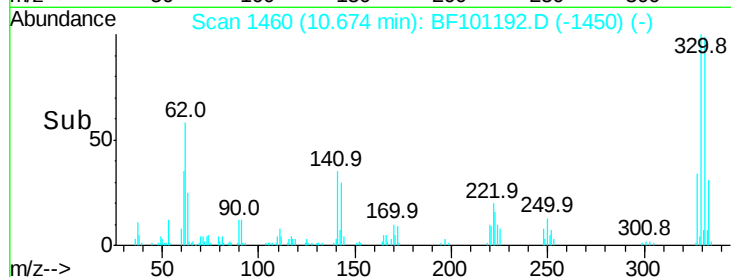
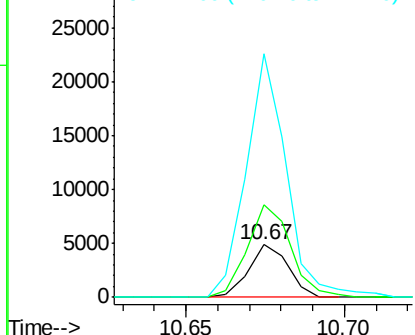
#66
4-Bromophenyl-phenylether
Concen: 3.542 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

Tot Ion:248 Resp: 4260
Ion Ratio Lower Upper
248 100
250 177.4 76.9 115.3#
141 465.5 74.4 111.6#

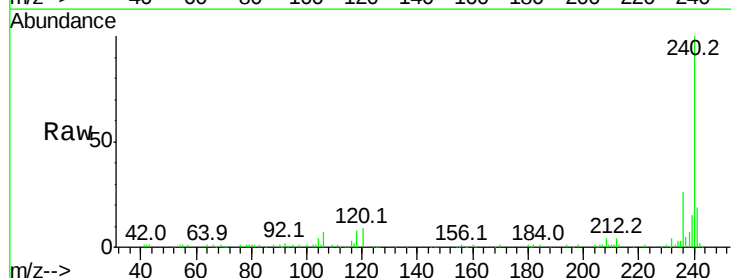


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

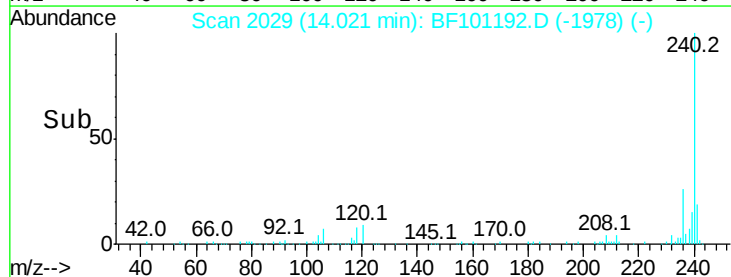
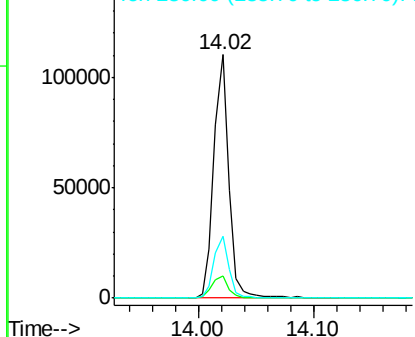


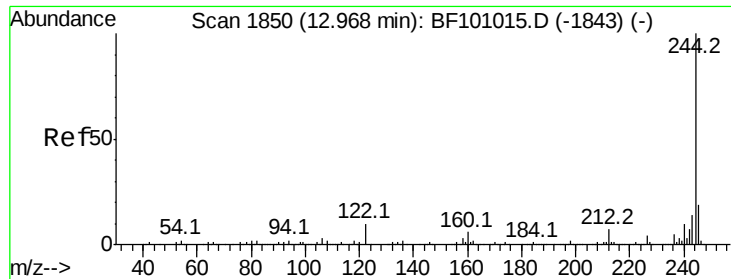
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:240 Resp: 99869
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.5 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

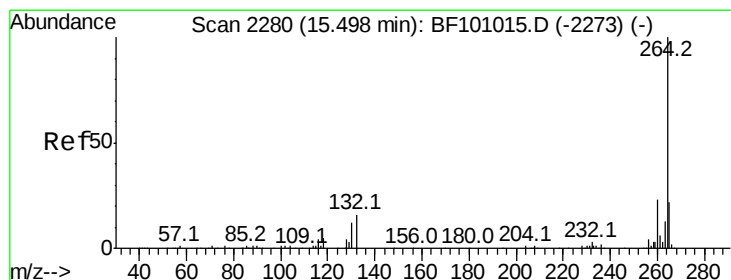
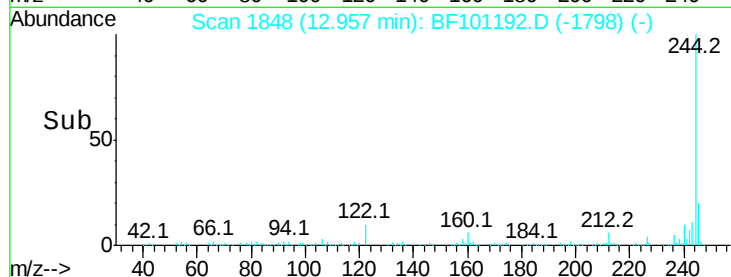
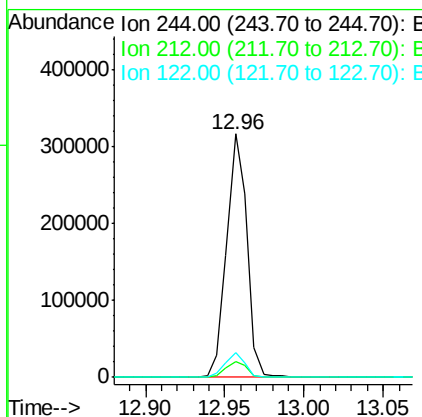
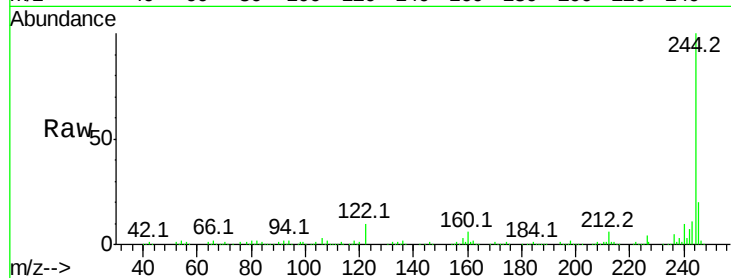




#78
 Terphenyl-d14
 Concen: 61.548 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101192.D
 Acq: 7 Dec 2017 3:12

Instrument :
 BNA_F
 ClientSampleId :
 BART-3-E(7-8)

Tot Ion:244 Resp: 281024
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.4 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: BF101192.D
 Acq: 7 Dec 2017 3:12

Tgt Ion:264 Resp: 83712
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.5 17.5 26.3

