

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101292.D
 Acq On : 11 Dec 2017 16:29
 Operator : SJ/JU
 Sample : I6747-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:42:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

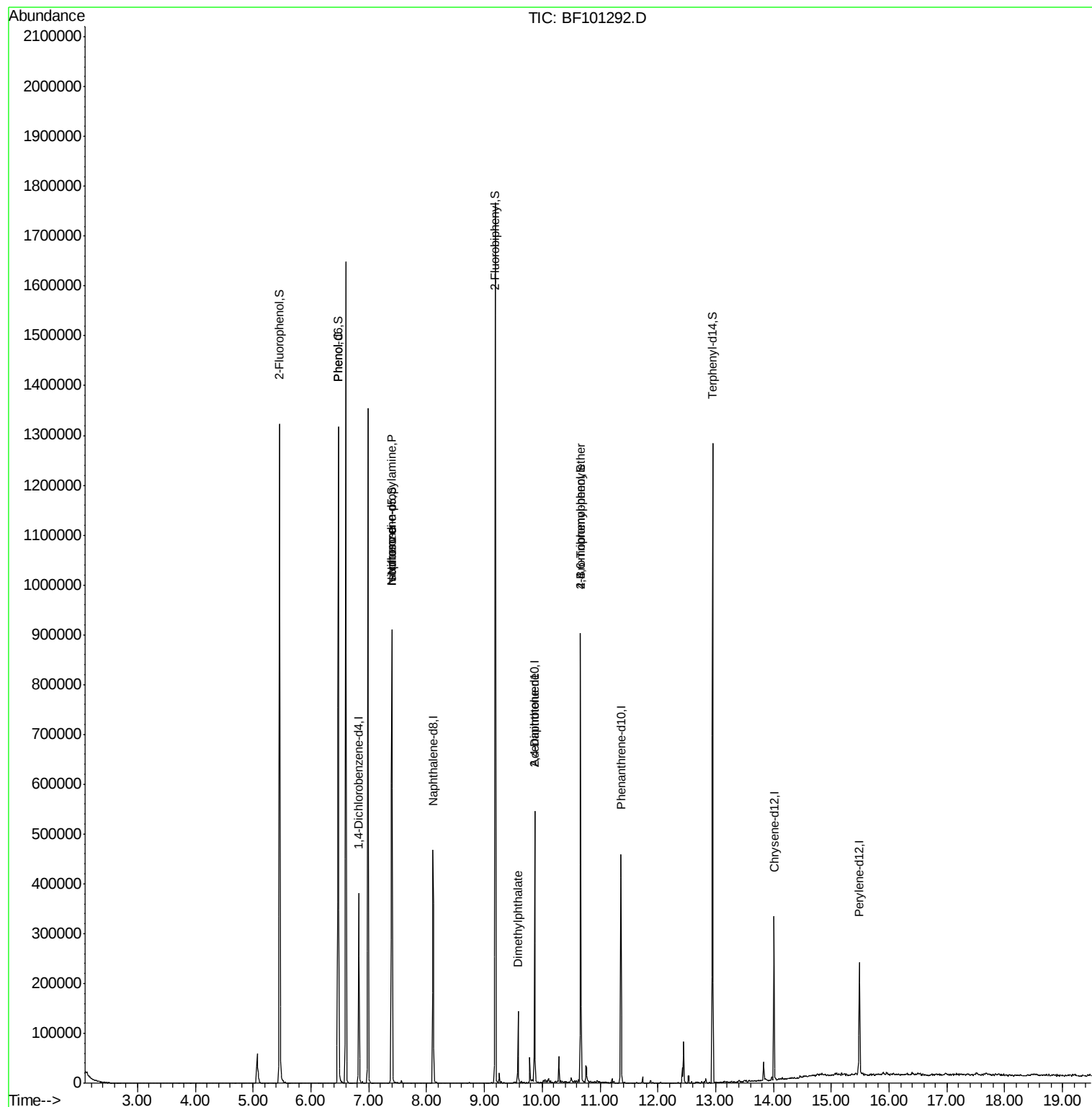
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	55051	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	213538	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	97169	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	173244	20.00	ng	0.00
75) Chrysene-d12	14.01	240	108644	20.00	ng	0.00
86) Perylene-d12	15.49	264	108967	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	400448	120.20	ng	0.02
7) Phenol-d6	6.47	99	498051	123.14	ng	0.01
23) Nitrobenzene-d5	7.40	82	308907	86.30	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	120328	103.08	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	596304	83.96	ng	0.00
78) Terphenyl-d14	12.95	244	492241	99.10	ng	0.01
Target Compounds						
10) Phenol	6.48	94	15995	3.556	ng	# 68
19) n-Nitroso-di-n-propylamine	7.40	70	40228	14.768	ng	# 85
25) Isophorone	7.40	82	308903	50.520	ng	# 64
49) Dimethylphthalate	9.58	163	55304	7.057	ng	# 99
56) 2,4-Dinitrotoluene	9.87	165	11852	5.358	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	7349	3.790	ng	# 1

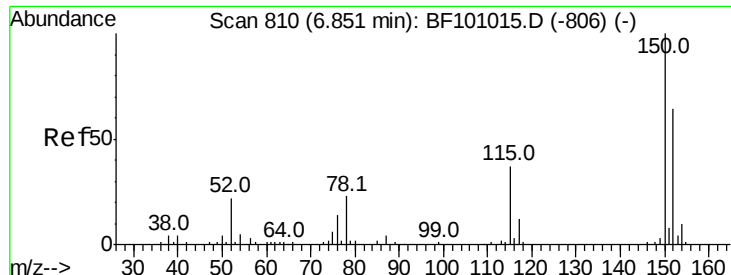
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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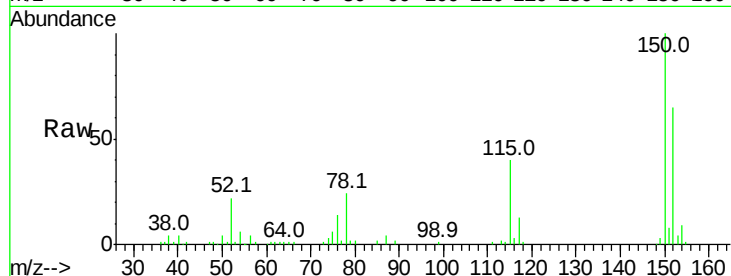


#1

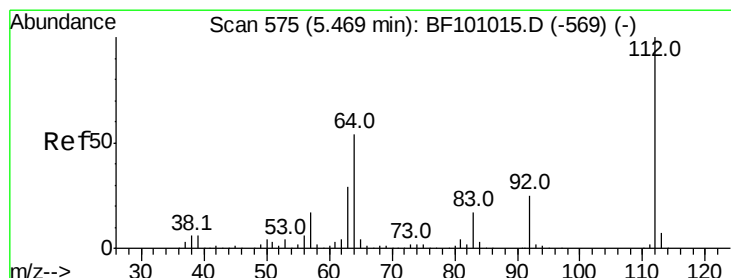
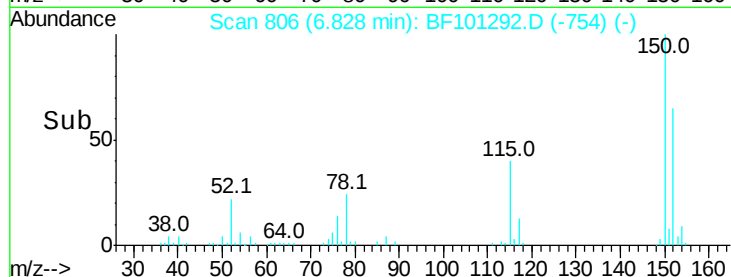
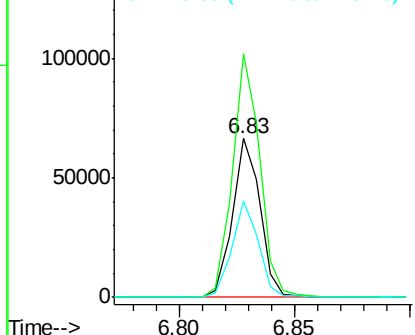
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55051
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.1 50.1 75.1



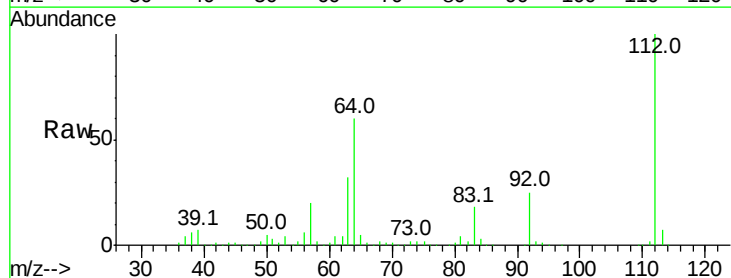
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



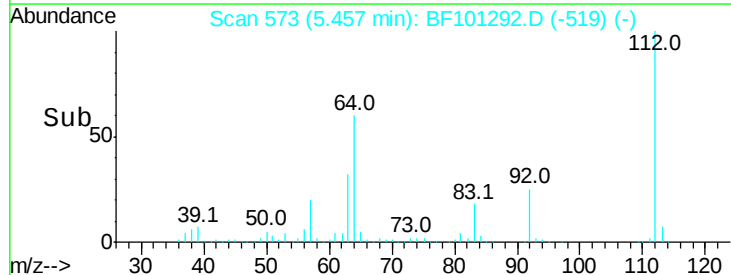
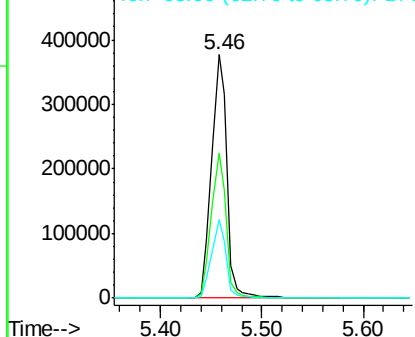
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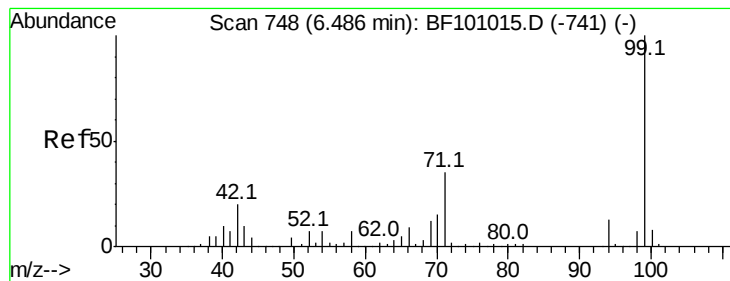
2-Fluorophenol
Concen: 120.201 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Tgt Ion:112 Resp: 400448
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 32.1 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: 123.135 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101292.D

Acq: 11 Dec 2017 16:29

Instrument :

BNA_F

ClientSampled :

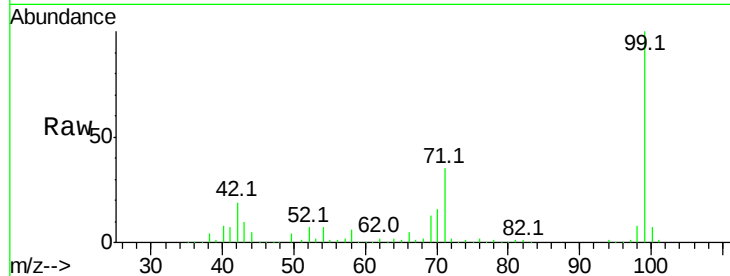
Tot Ion: 99 Resp: 498051

Ion Ratio Lower Upper

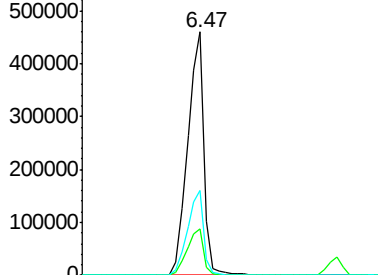
99 100

42 19.3 14.5 21.7

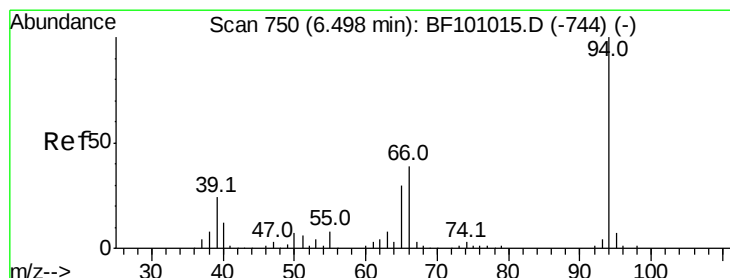
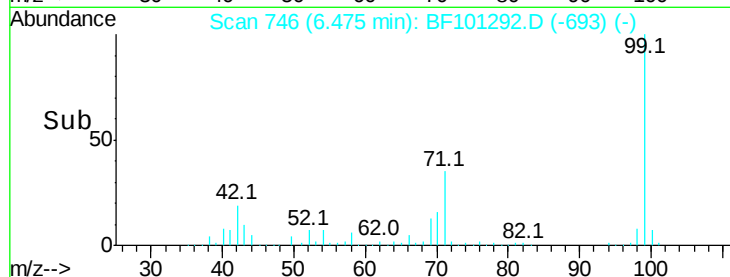
71 34.9 25.4 38.0



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



Time-->



#10

Phenol

Concen: 3.556 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101292.D

Acq: 11 Dec 2017 16:29

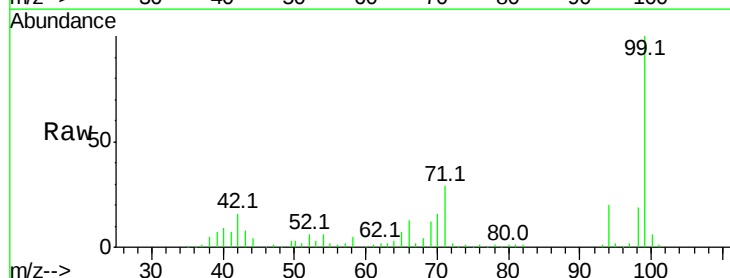
Tgt Ion: 94 Resp: 15995

Ion Ratio Lower Upper

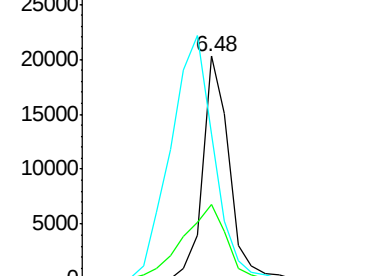
94 100

65 33.7 7.9 47.9

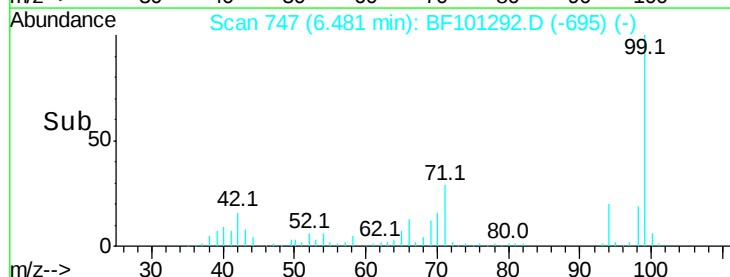
66 64.8 16.2 56.2#

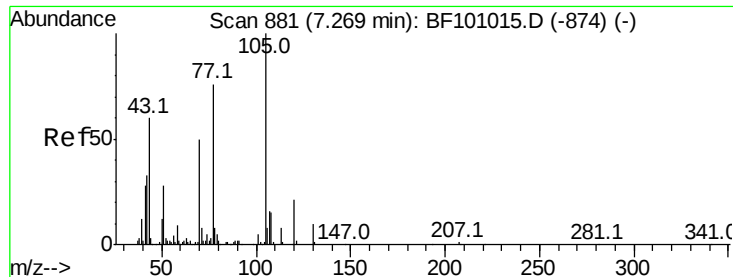


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

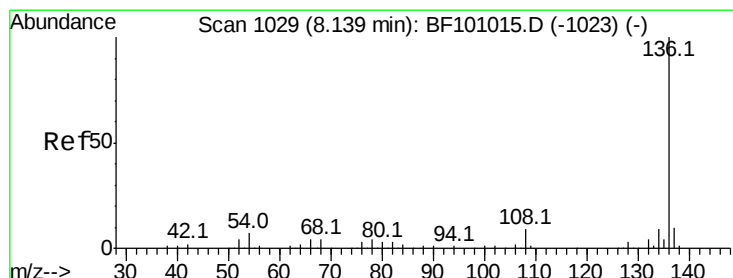
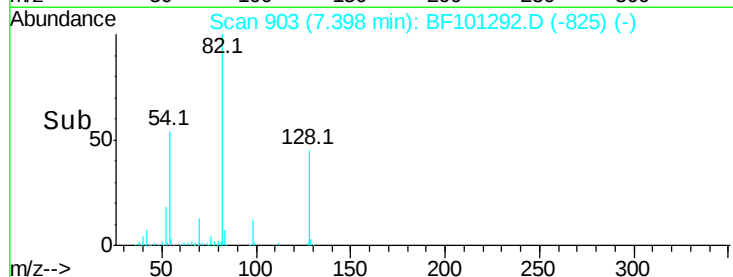
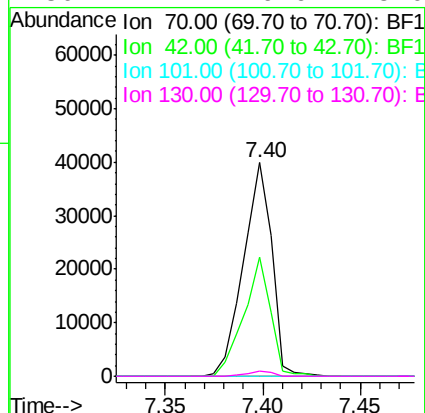
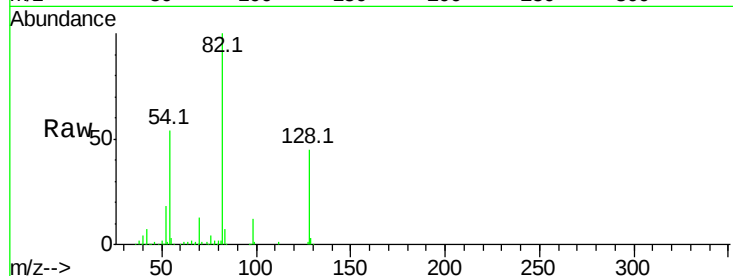




#19
n-Nitroso-di-n-propylamine
Concen: 14.768 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

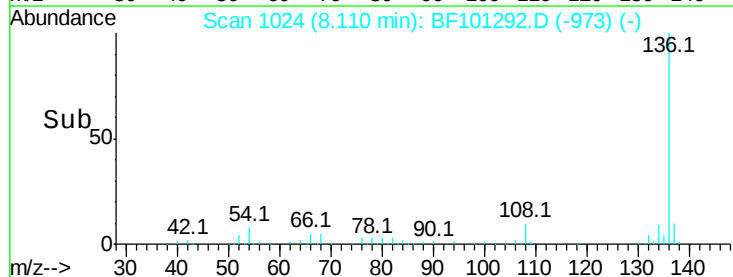
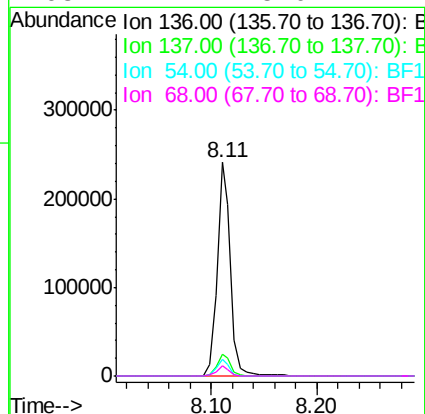
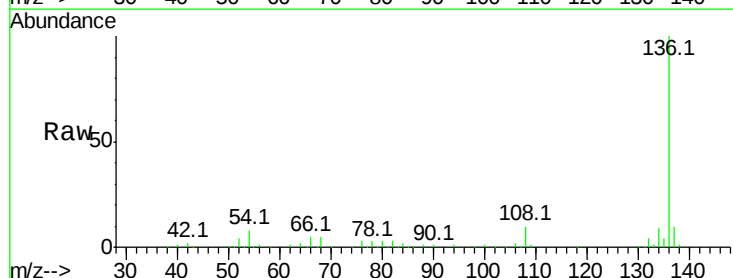
Instrument :
BNA_F
ClientSampleId :

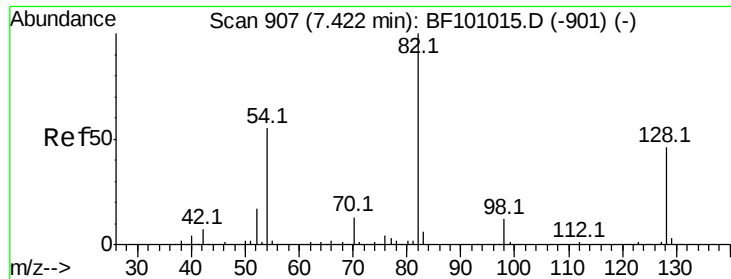
Tot Ion	70	Resp	40228
Ion Ratio	Lower	Upper	
70	100		
42	55.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Tgt Ion	136	Resp	213538
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	8.0	6.6	9.8
68	4.7	5.0	7.4#

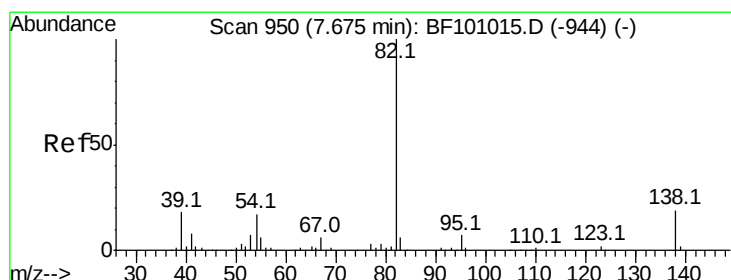
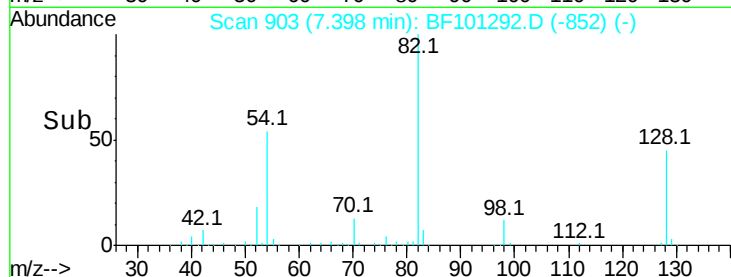
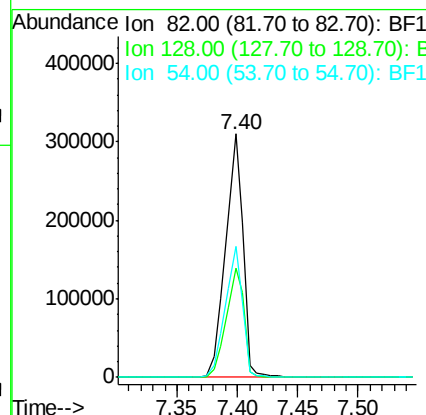
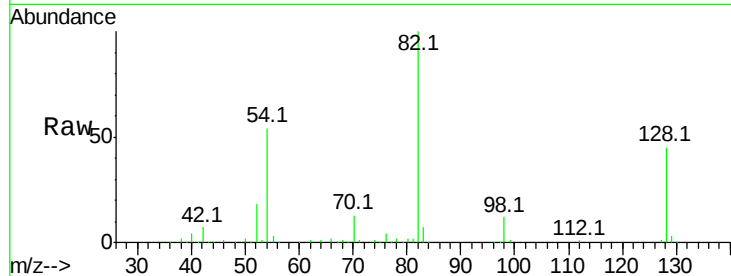




#23
 Nitrobenzene-d5
 Concen: 86.295 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101292.D
 Acq: 11 Dec 2017 16:29

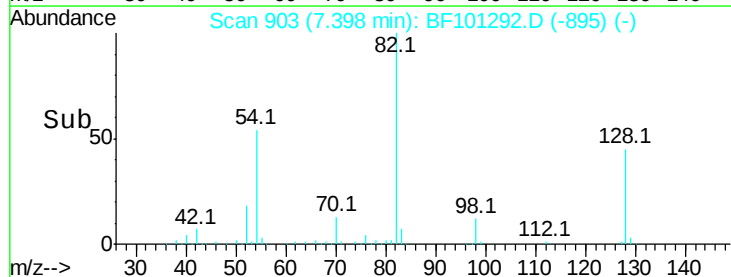
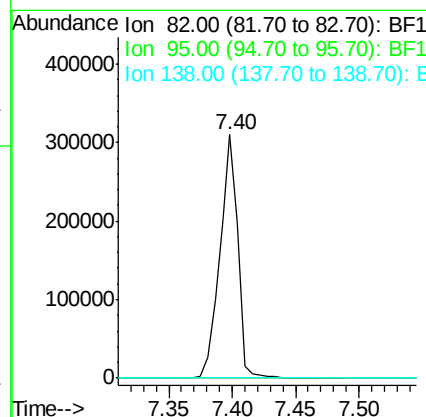
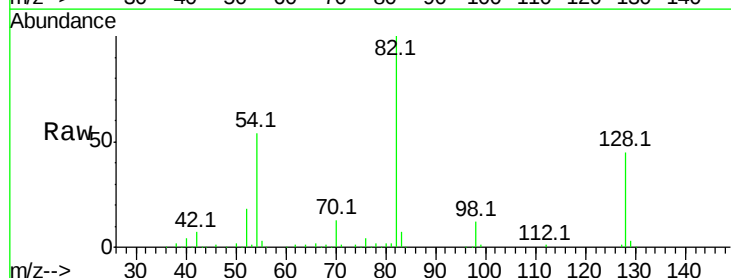
Instrument :
 BNA_F
 ClientSampleId :

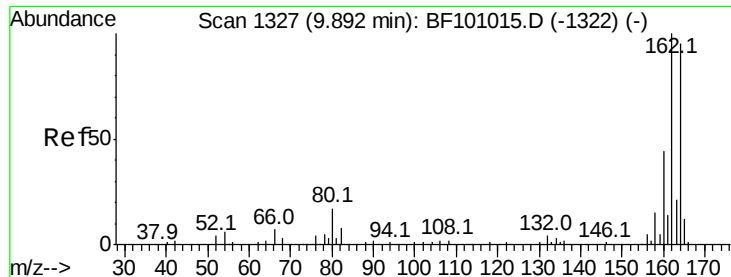
Tot Ion	82	Resp	308907
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	53.6	41.4	62.2



#25
 Isophorone
 Concen: 50.520 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.25 min
 Lab File: BF101292.D
 Acq: 11 Dec 2017 16:29

Tgt Ion	82	Resp	308903
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

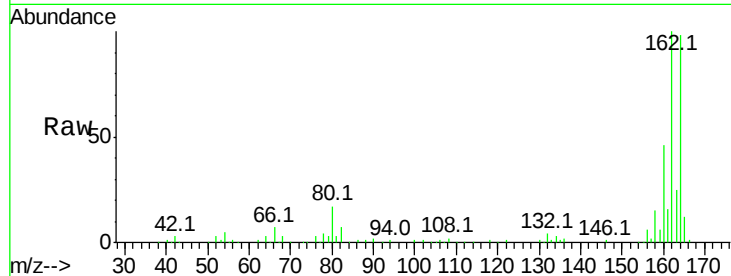




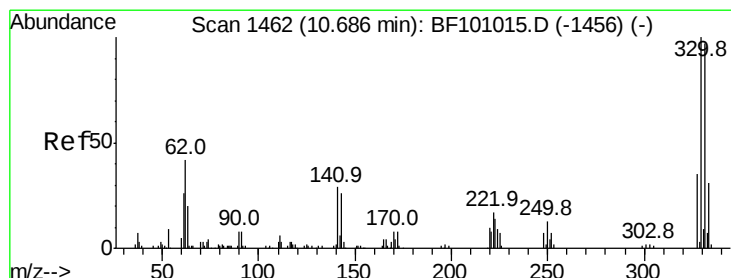
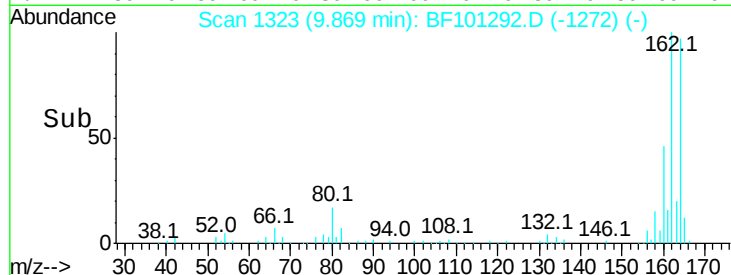
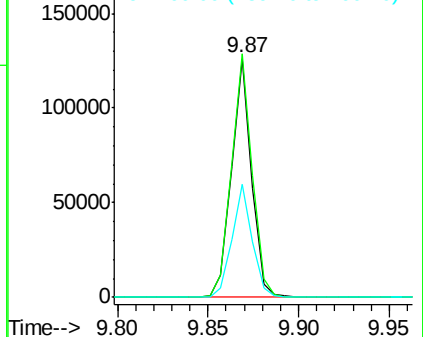
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 97169
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.3 38.3 57.5

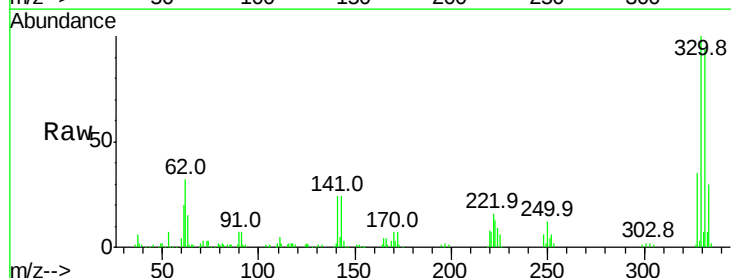


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

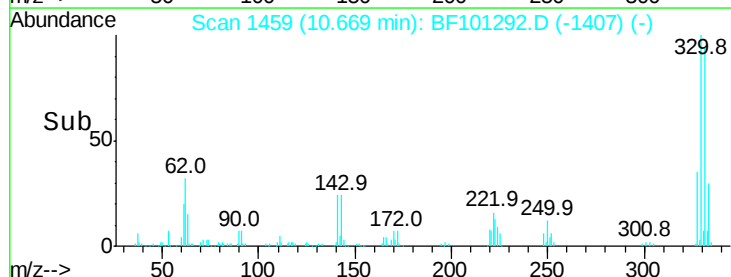
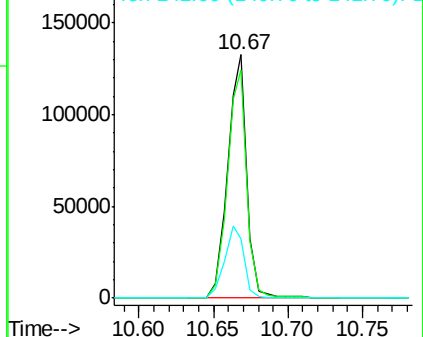


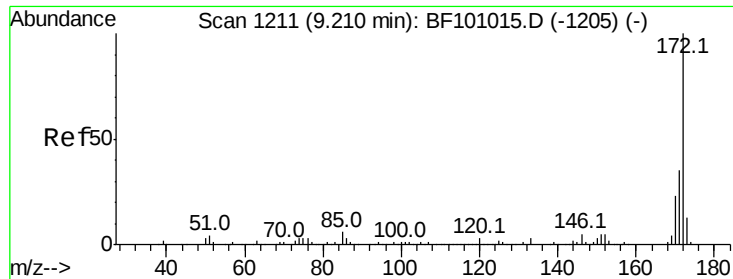
#41
2,4,6-Tribromophenol
Concen: 103.084 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Tgt Ion:330 Resp: 120328
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 30.2 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

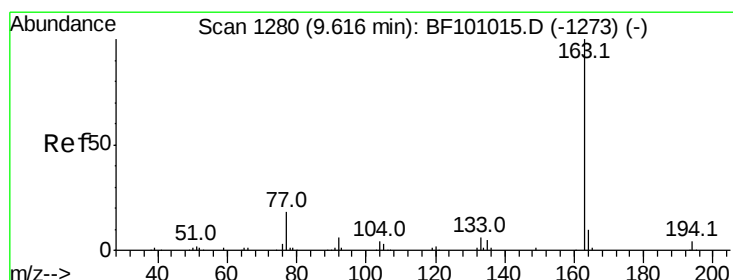
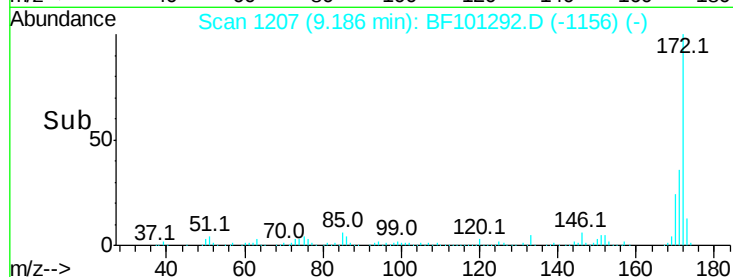
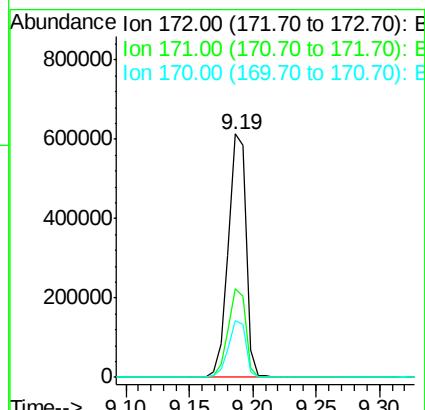
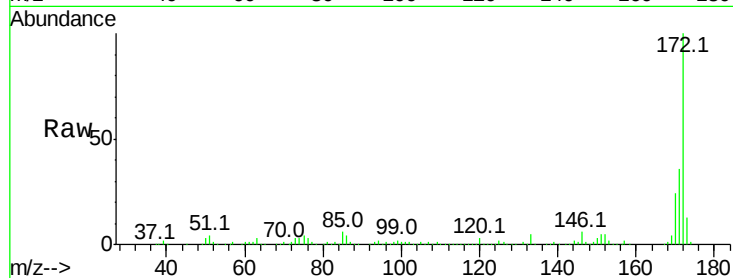




#44
2-Fluorobiphenyl
Concen: 83.963 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

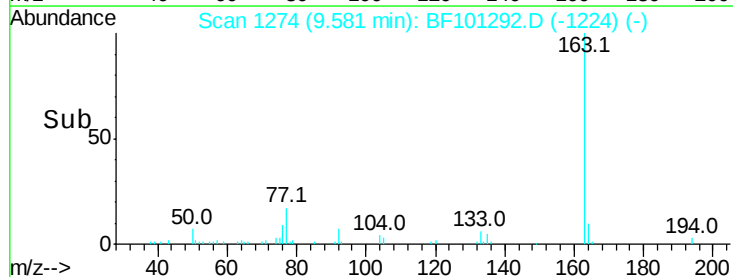
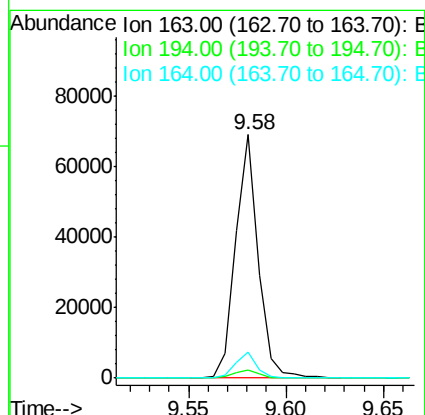
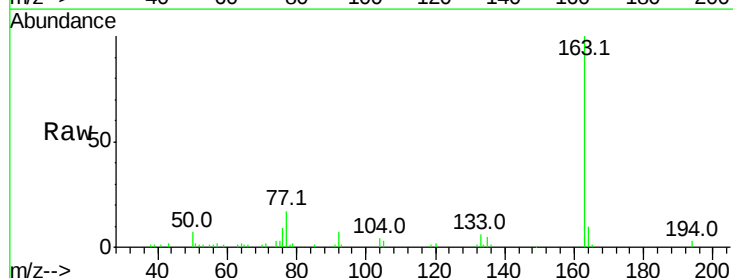
Instrument :
BNA_F
ClientSampleId :

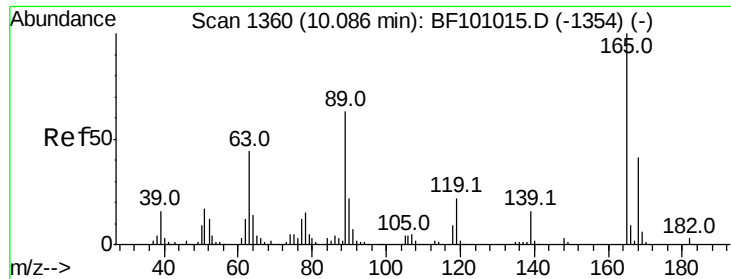
Tot Ion:172 Resp: 596304
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 7.057 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Tgt Ion:163 Resp: 55304
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

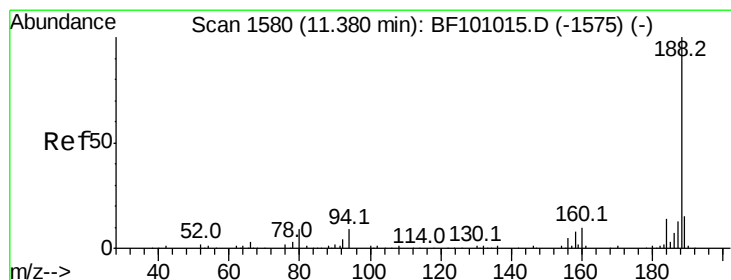
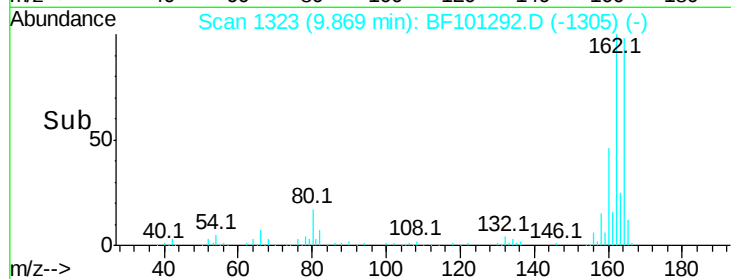
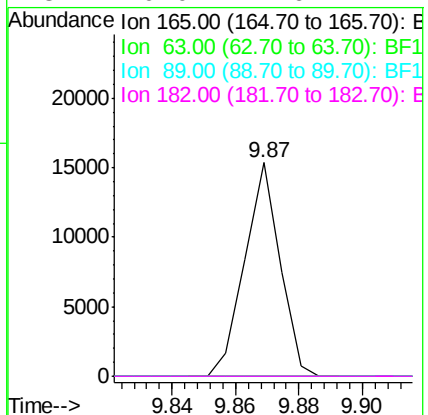
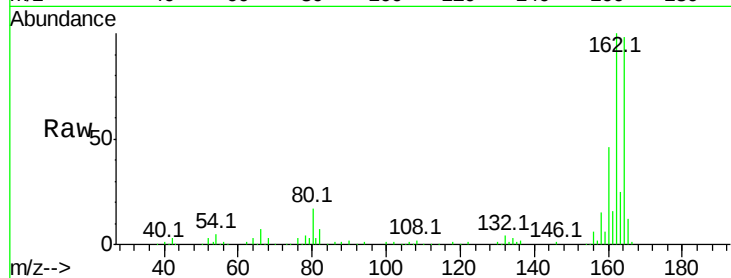




#56
 2,4-Dinitrotoluene
 Concen: 5.358 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101292.D
 Acq: 11 Dec 2017 16:29

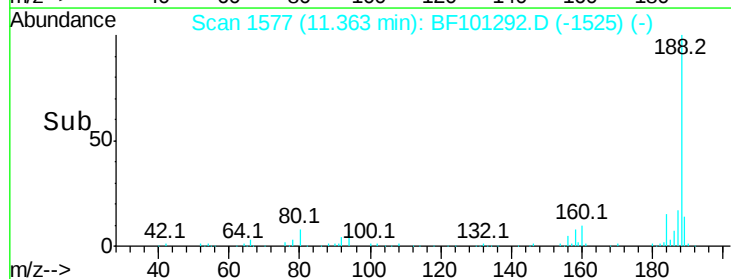
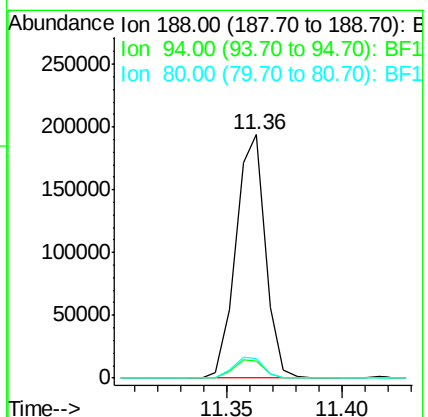
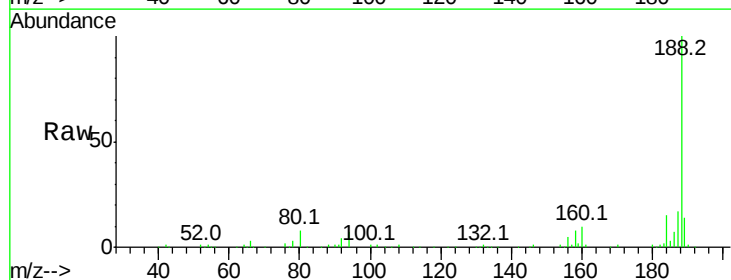
Instrument :
 BNA_F
 ClientSampleId :

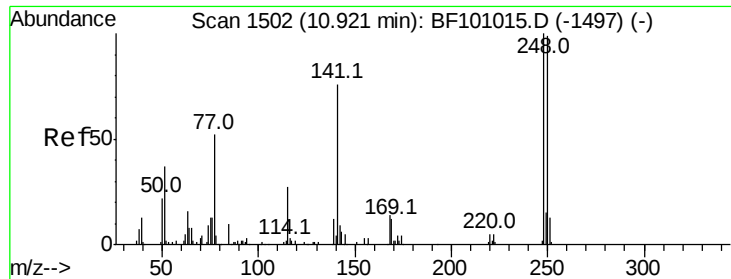
Tot Ion:165	Resp:	11852
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101292.D
 Acq: 11 Dec 2017 16:29

Tgt Ion:188	Resp:	173244
Ion Ratio	Lower	Upper
188	100	
94	7.2	8.5 12.7#
80	7.8	9.2 13.8#

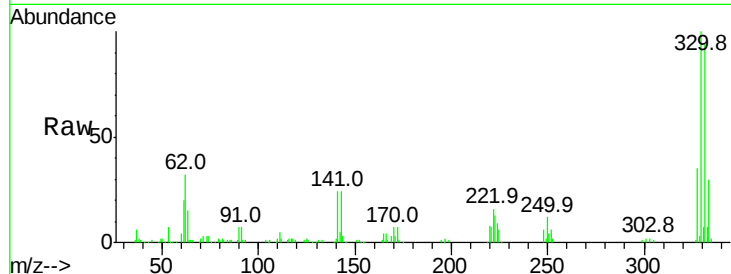




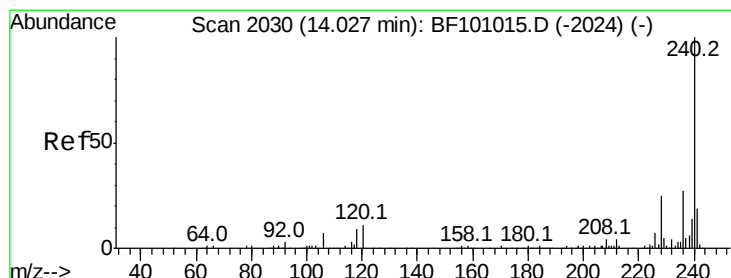
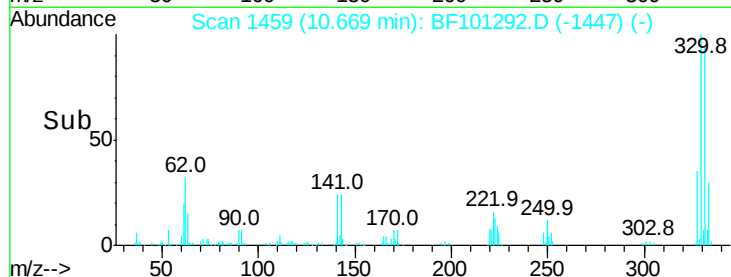
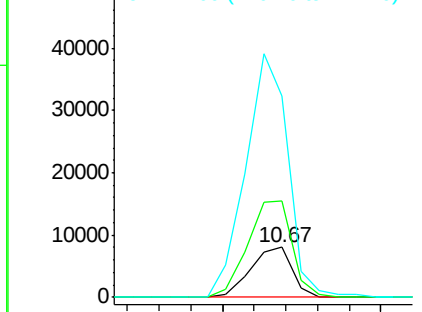
#66
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7349
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 403.9 74.4 111.6#

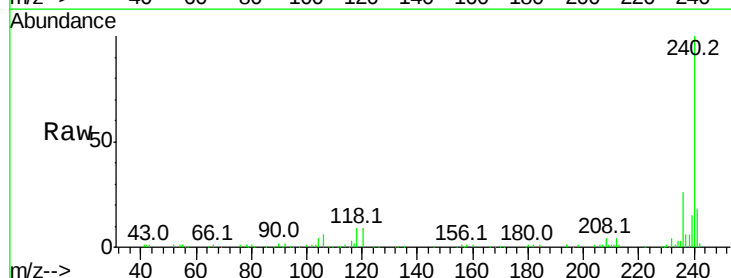


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

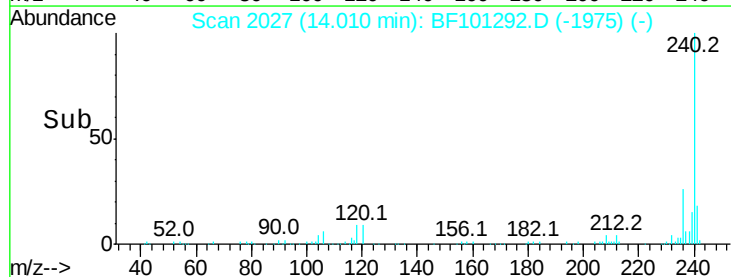
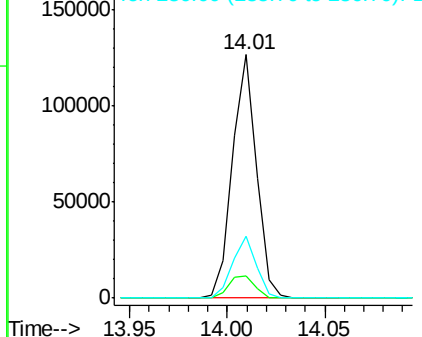


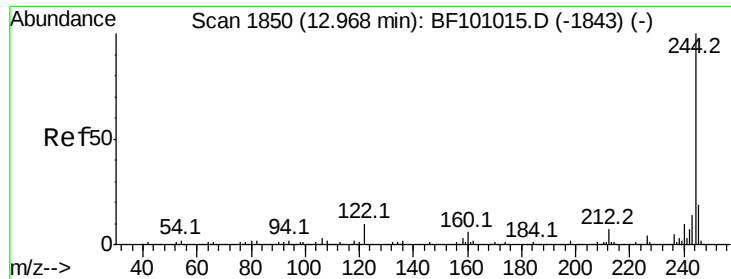
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101292.D
Acq: 11 Dec 2017 16:29

Tgt Ion:240 Resp: 108644
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.6 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: 99.100 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101292.D

Acq: 11 Dec 2017 16:29

Instrument :

BNA_F

ClientSampleId :

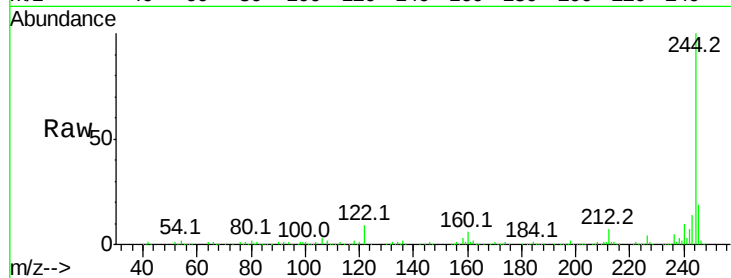
Tot Ion:244 Resp: 492241

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

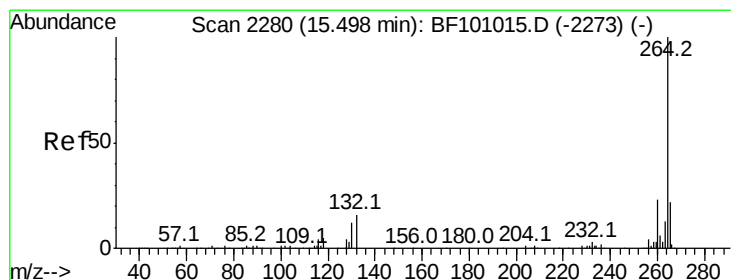
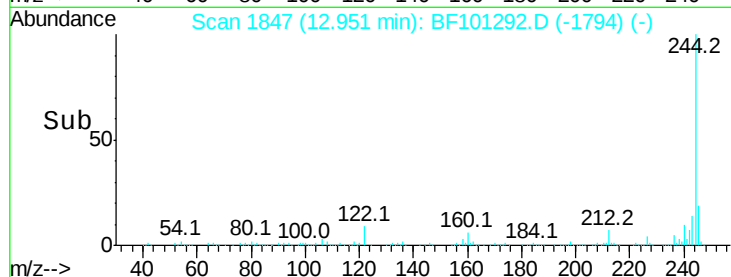
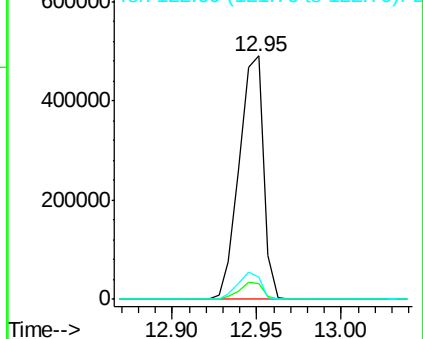
122 8.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101292.D

Acq: 11 Dec 2017 16:29

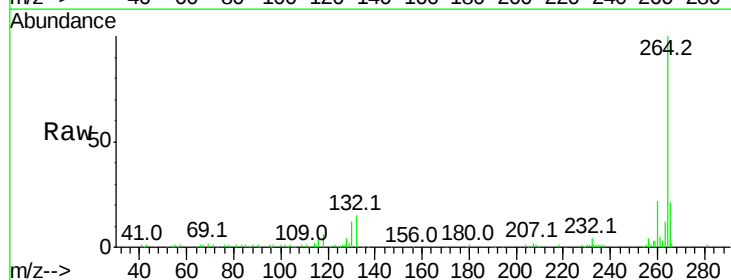
Tgt Ion:264 Resp: 108967

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.7 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

