

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102466.D
 Acq On : 26 Jan 2018 14:12
 Operator : SJ/JU
 Sample : J1289-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 16:20:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

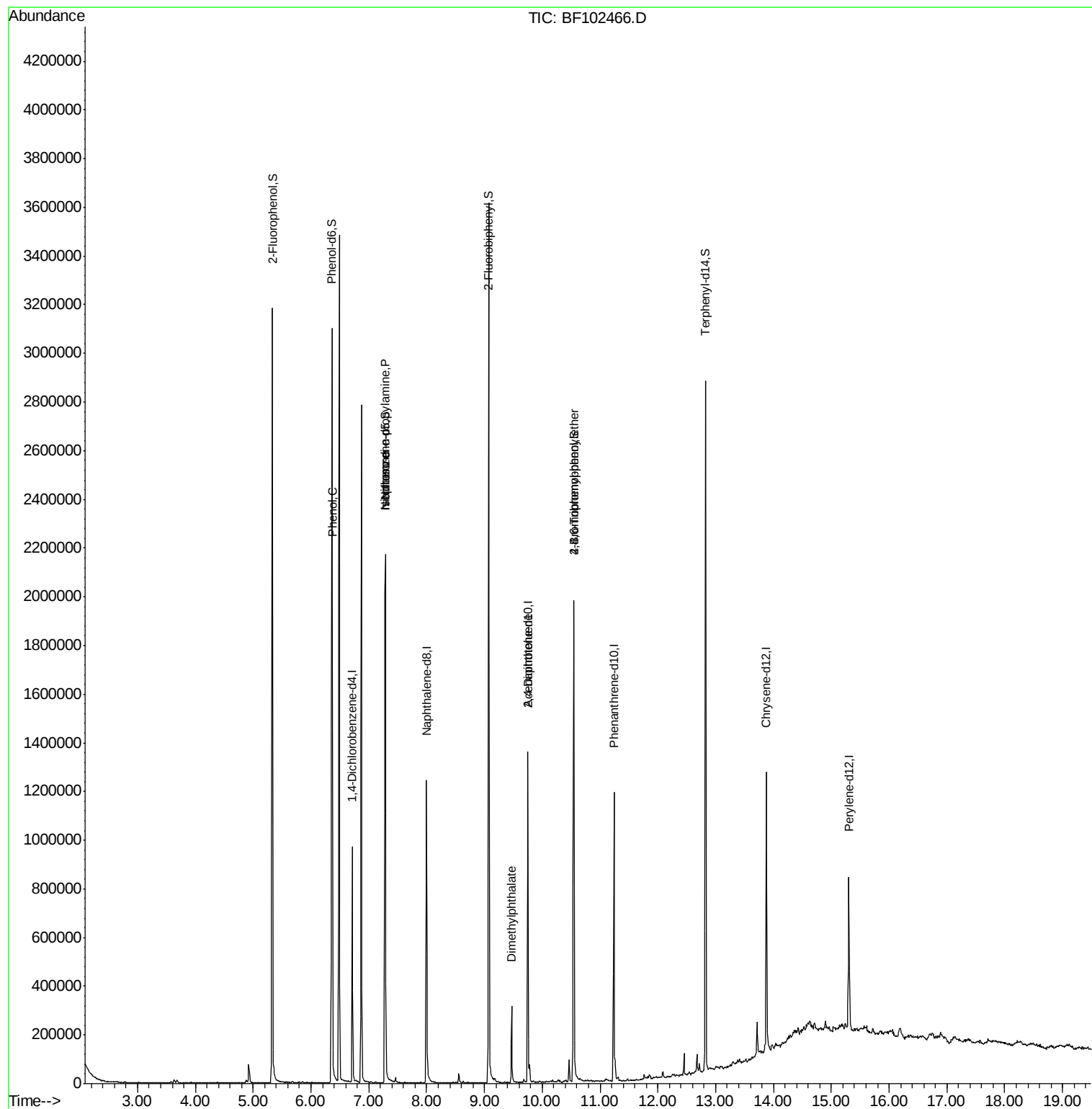
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137417	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	573352	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	263357	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	483804	20.00	ng	0.00
75) Chrysene-d12	13.87	240	383213	20.00	ng	0.00
86) Perylene-d12	15.30	264	307194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1027861	113.41	ng	0.01
7) Phenol-d6	6.36	99	1261895	115.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	781555	78.34	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	243159	93.18	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1192162	66.56	ng	0.00
78) Terphenyl-d14	12.83	244	1081369	63.61	ng	0.00
Target Compounds						
10) Phenol	6.37	94	50582	4.240	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	102709	15.361	ng	# 78
25) Isophorone	7.29	82	776078	43.633	ng	# 64
49) Dimethylphthalate	9.47	163	136653	6.278	ng	100
56) 2,4-Dinitrotoluene	9.75	165	33695	5.838	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	16278	3.125	ng	# 1

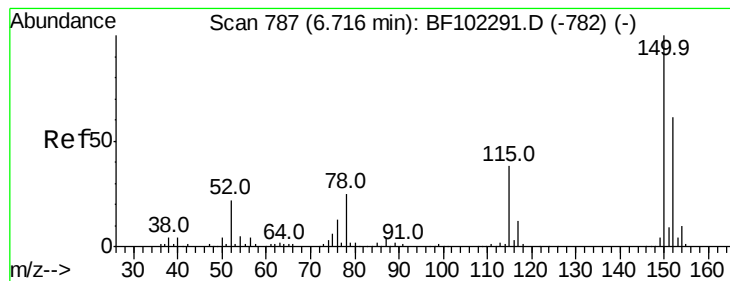
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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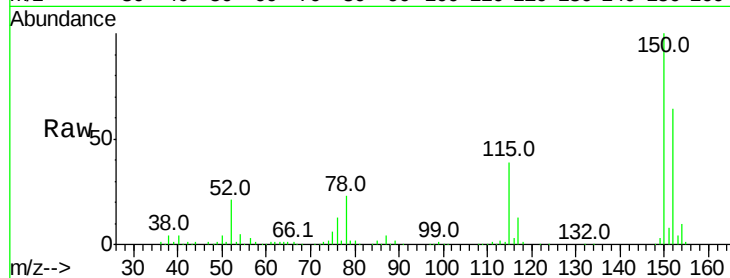


#1

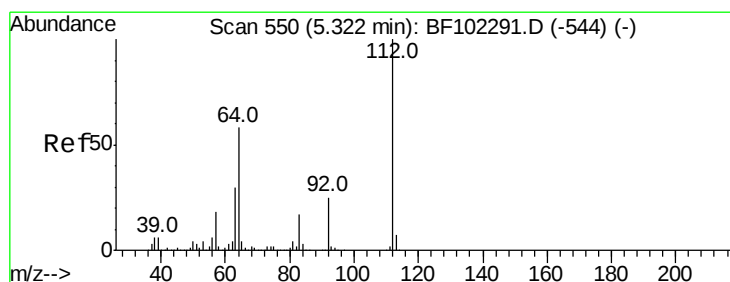
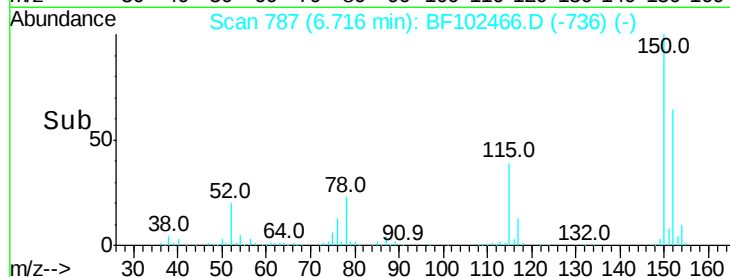
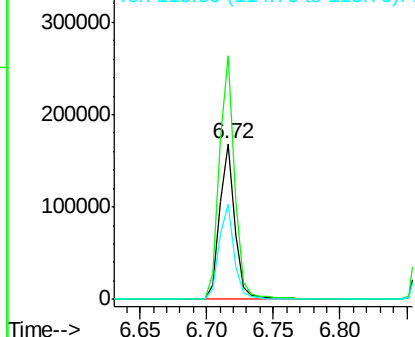
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137417
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.8 50.1 75.1



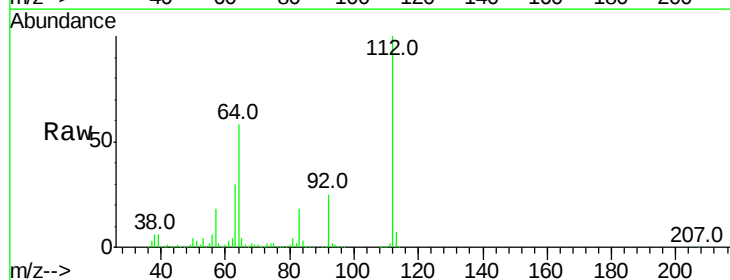
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



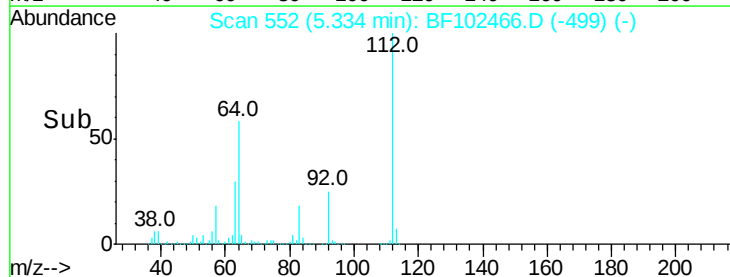
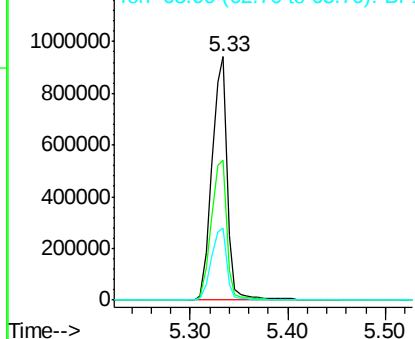
#5

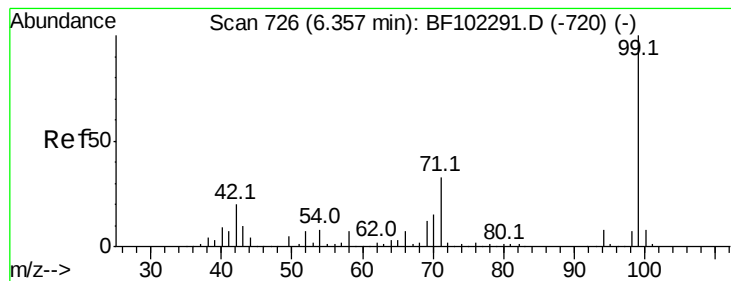
2-Fluorophenol
Concen: 113.414 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Tgt Ion:112 Resp: 1027861
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.7 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: 115.493 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102466.D

Acq: 26 Jan 2018 14:12

Instrument :

BNA_F

ClientSampled :

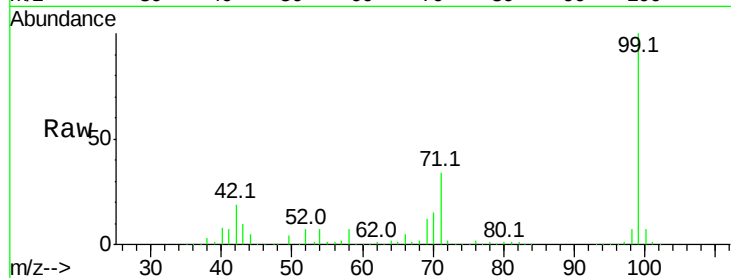
Tot Ion: 99 Resp: 1261895

Ion Ratio Lower Upper

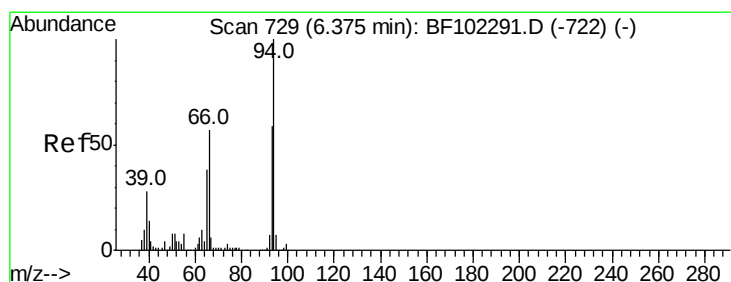
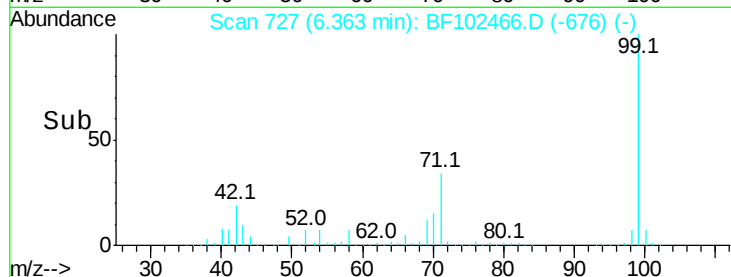
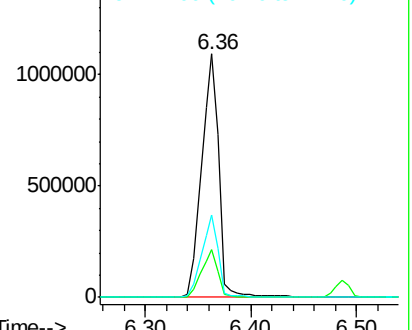
99 100

42 19.4 14.5 21.7

71 33.7 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: 4.240 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102466.D

Acq: 26 Jan 2018 14:12

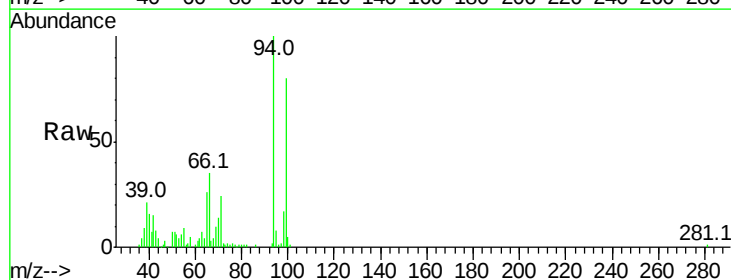
Tgt Ion: 94 Resp: 50582

Ion Ratio Lower Upper

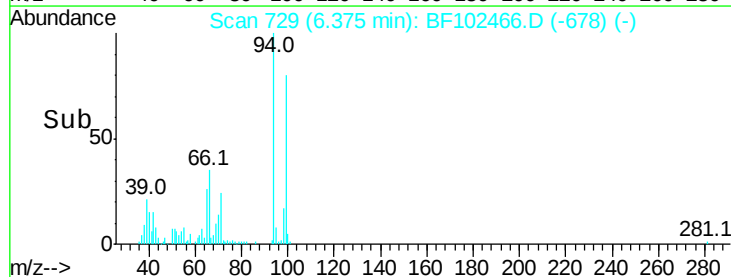
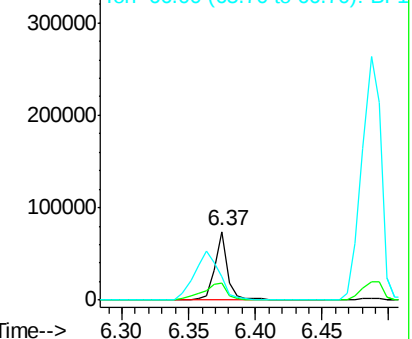
94 100

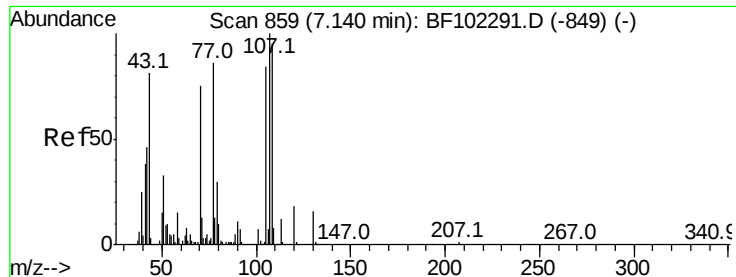
65 25.6 7.9 47.9

66 35.1 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

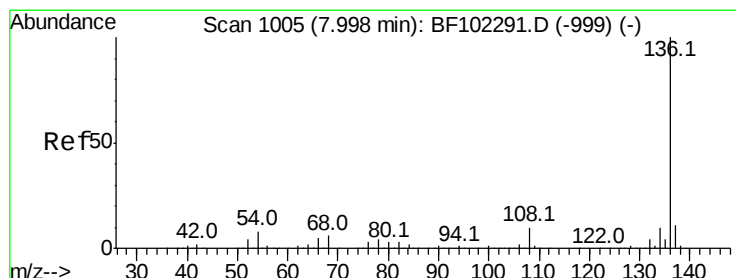
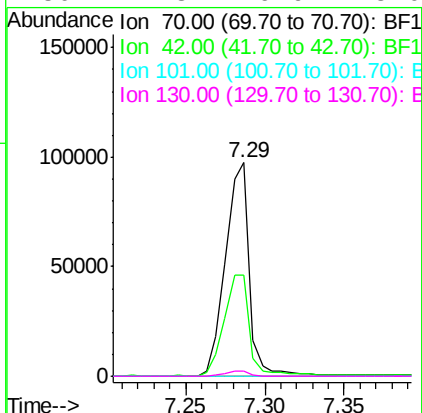
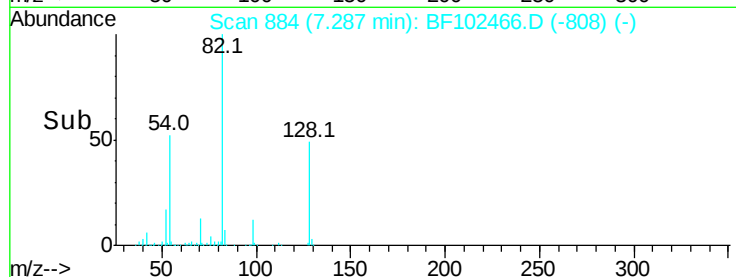
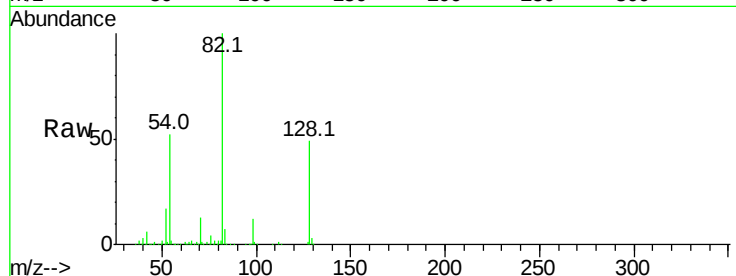




#19
n-Nitroso-di-n-propylamine
Concen: 15.361 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

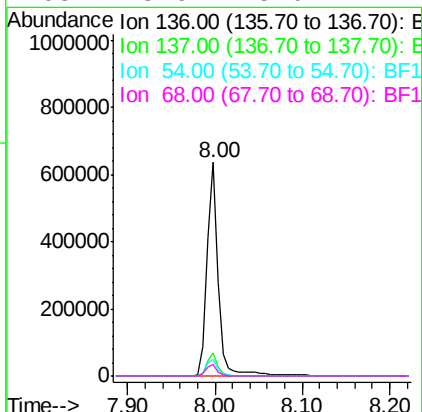
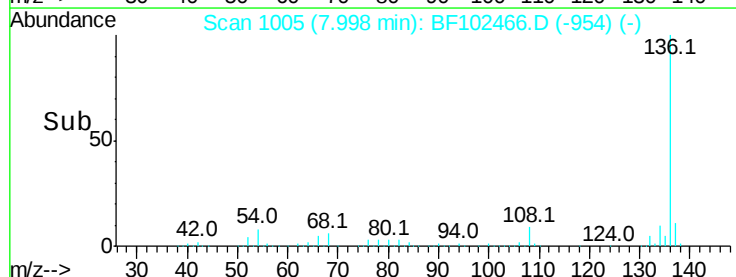
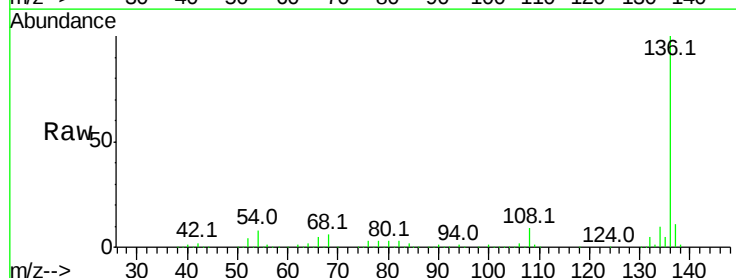
Instrument :
BNA_F
ClientSampleId :

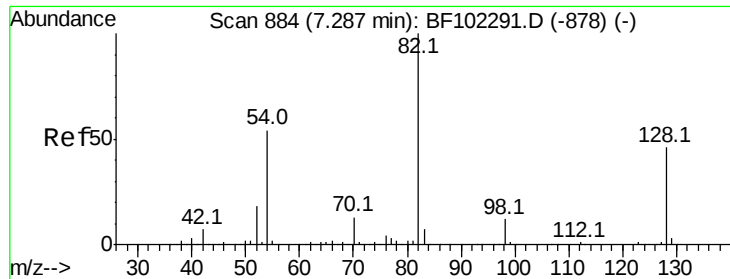
Tot Ion: 70 Resp: 102709
Ion Ratio Lower Upper
70 100
42 47.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Tgt Ion:136 Resp: 573352
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 6.6 9.8
68 5.6 5.0 7.4

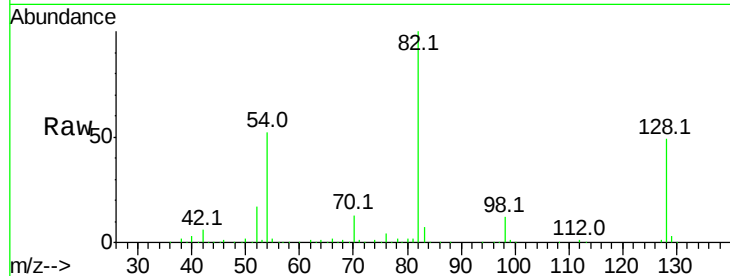




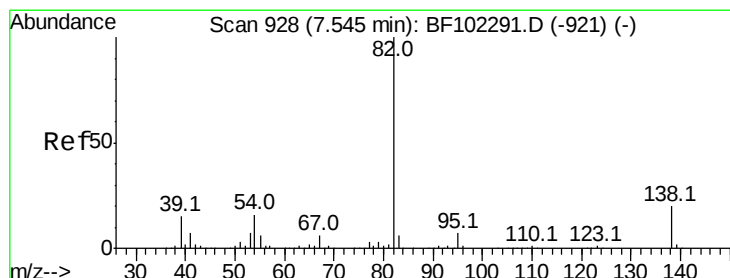
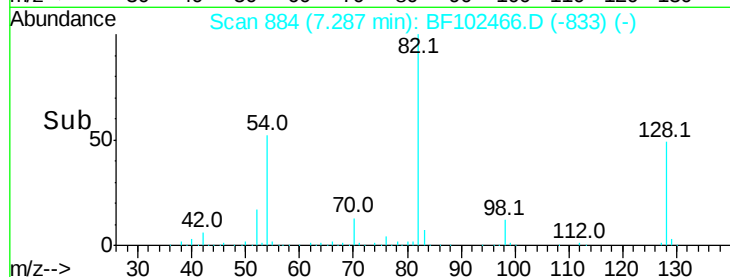
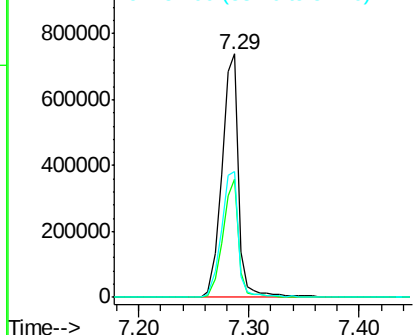
#23
 Nitrobenzene-d5
 Concen: 78.335 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	781555
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	51.6	41.4	62.2

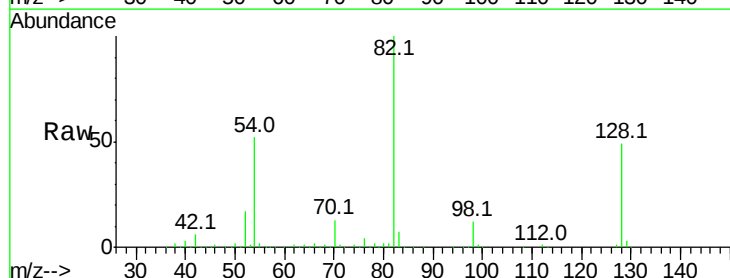


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

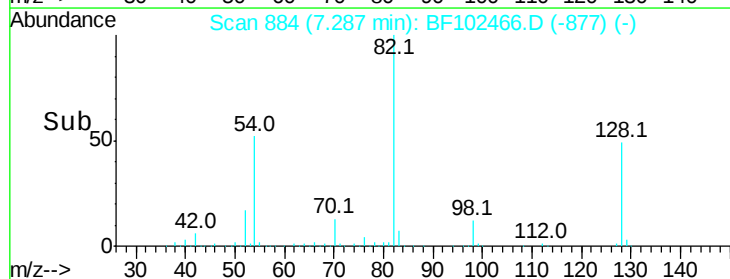
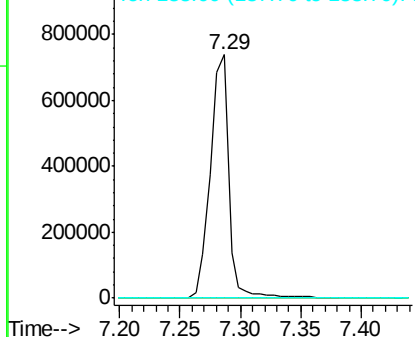


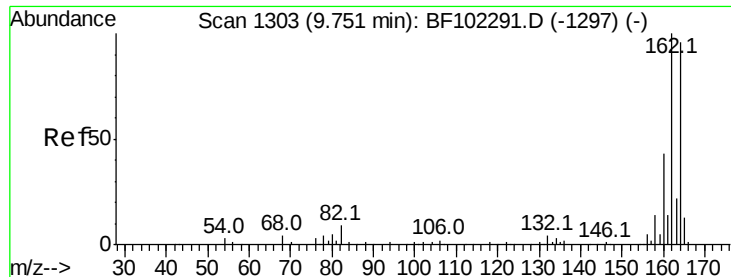
#25
 Isophorone
 Concen: 43.633 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Tgt Ion	82	Resp	776078
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

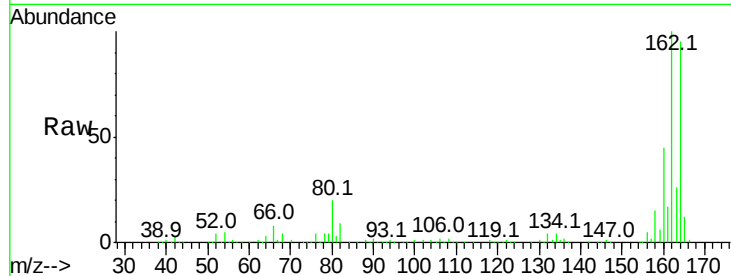




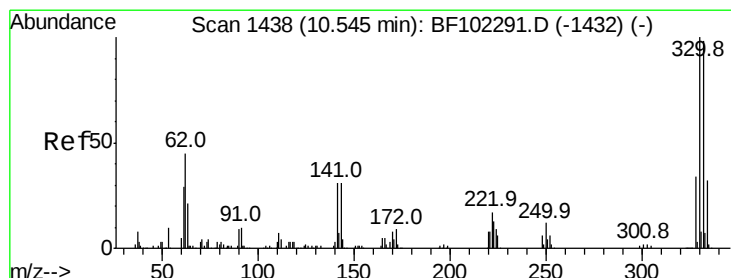
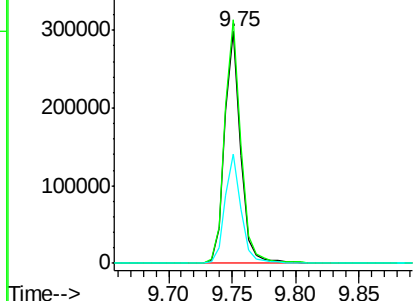
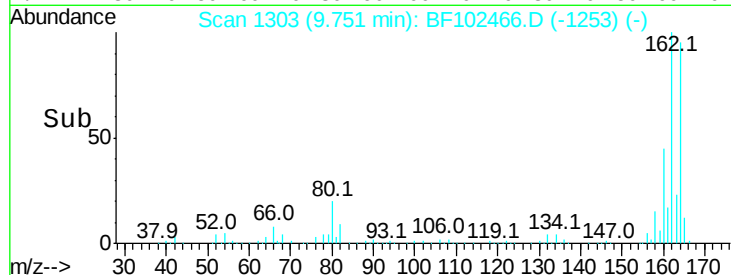
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.0	38.3	57.5

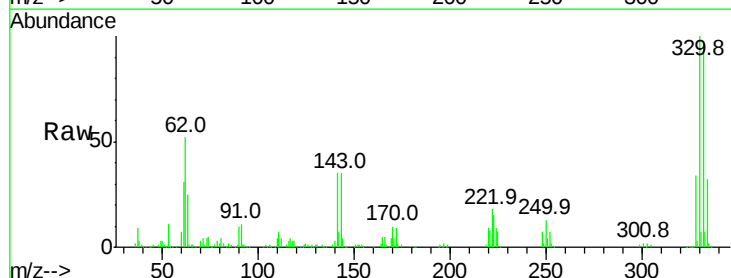


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

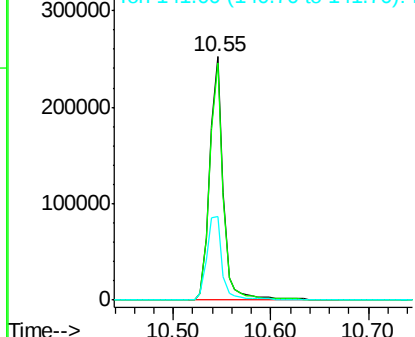
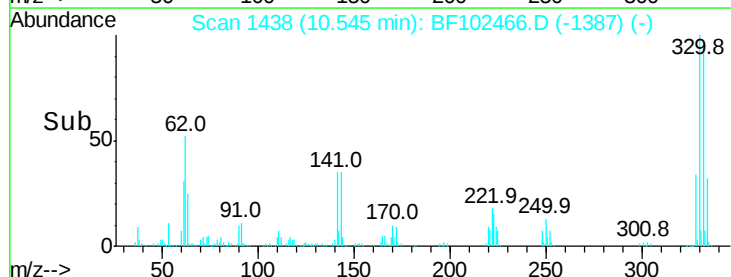


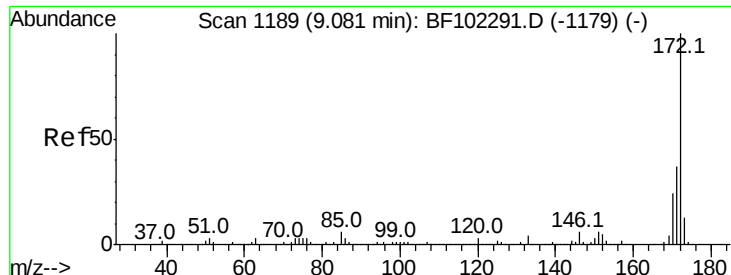
#41
 2,4,6-Tribromophenol
 Concen: 93.183 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	39.7	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

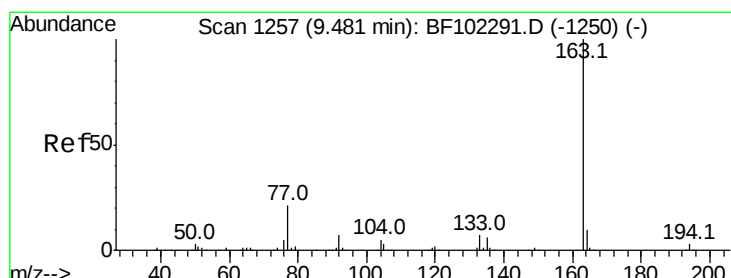
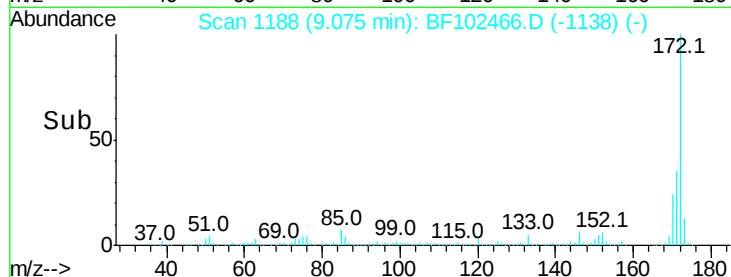
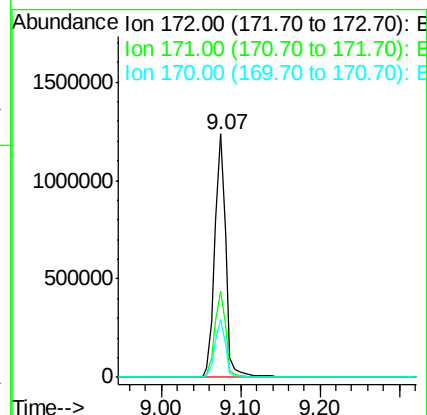
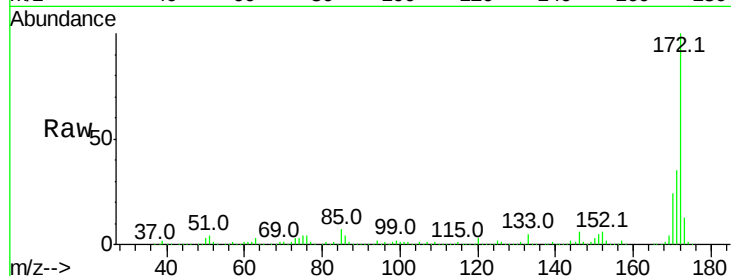




#44
2-Fluorobiphenyl
Concen: 66.560 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

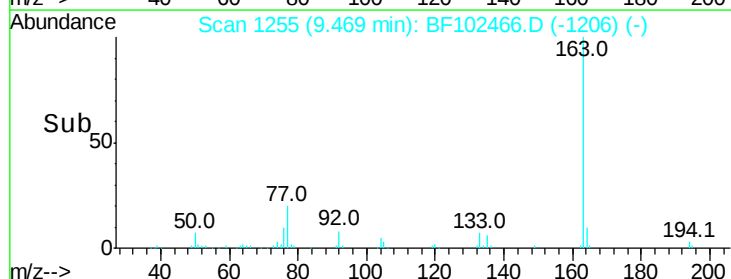
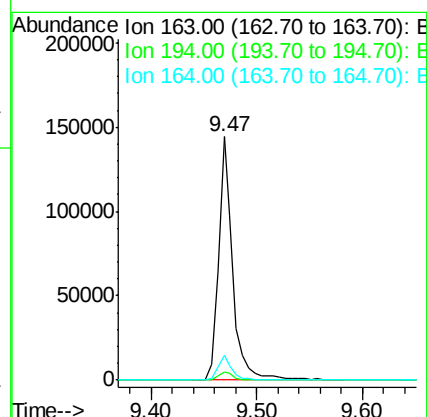
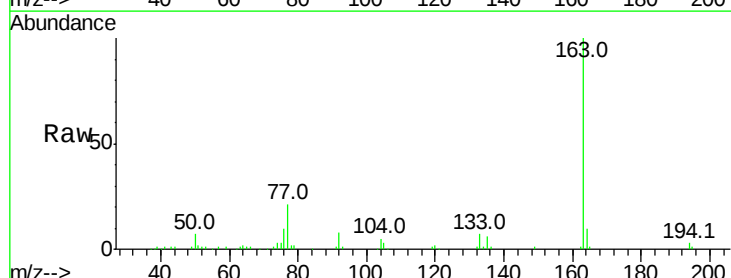
Instrument :
BNA_F
ClientSampleId :

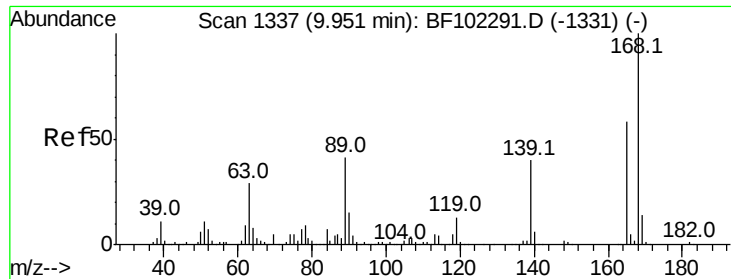
Tot Ion:172 Resp: 1192162
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 6.278 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Tgt Ion:163 Resp: 136653
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

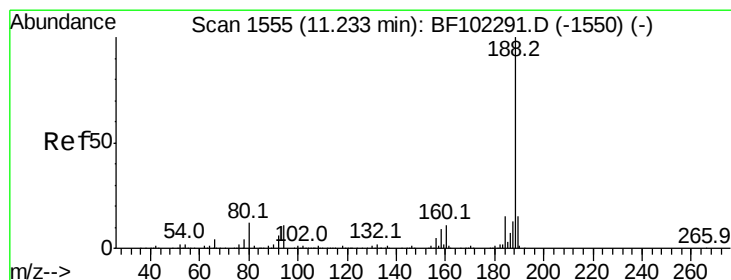
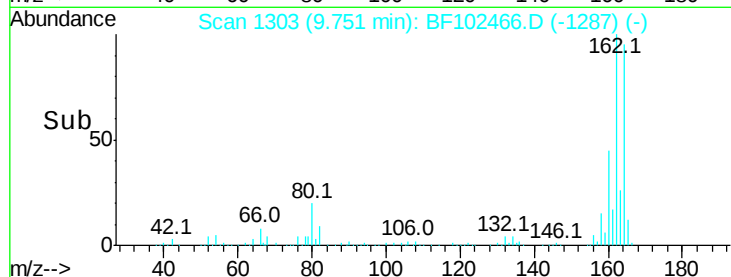
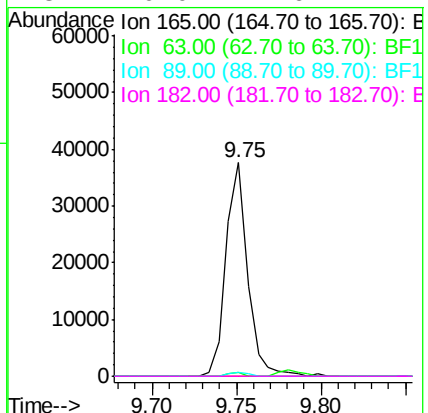
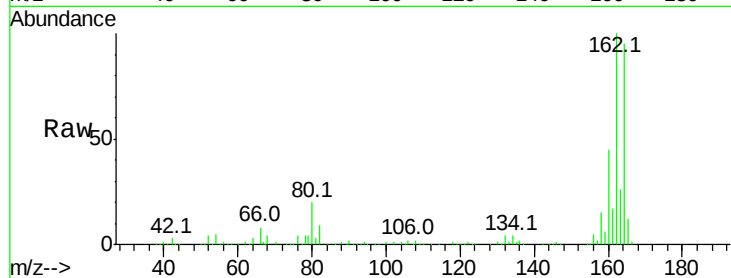




#56
 2,4-Dinitrotoluene
 Concen: 5.838 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

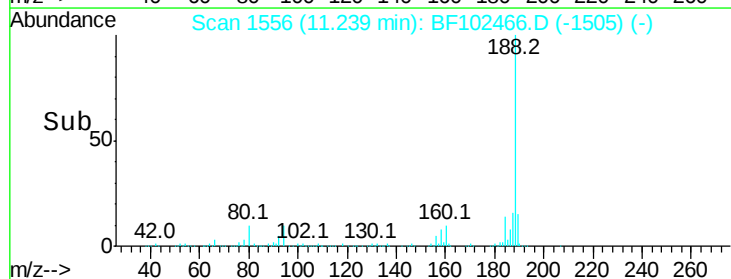
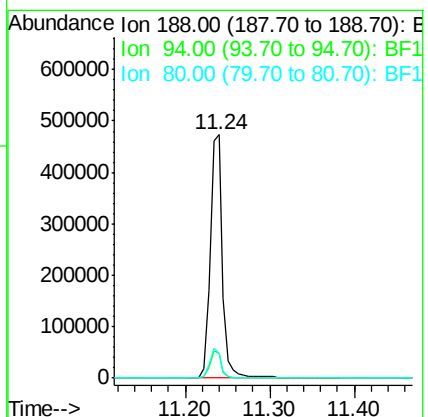
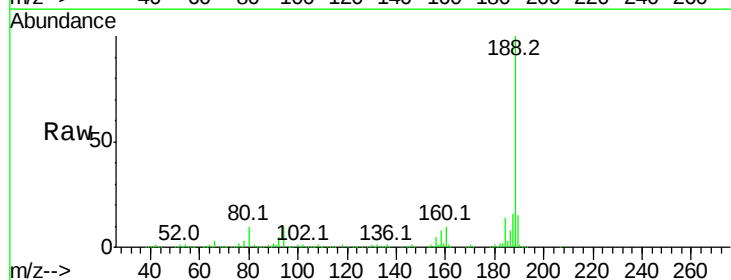
Instrument :
 BNA_F
 ClientSampleId :

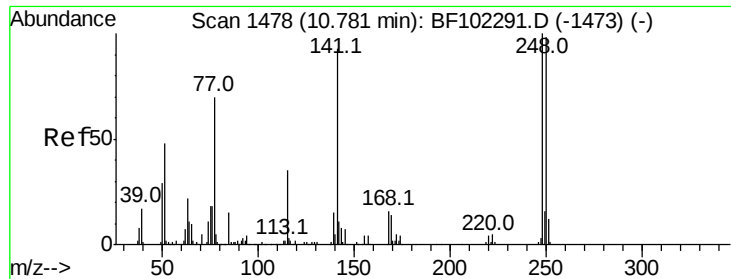
Tot Ion:165 Resp: 33695
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Tgt Ion:188 Resp: 483804
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.3 9.2 13.8

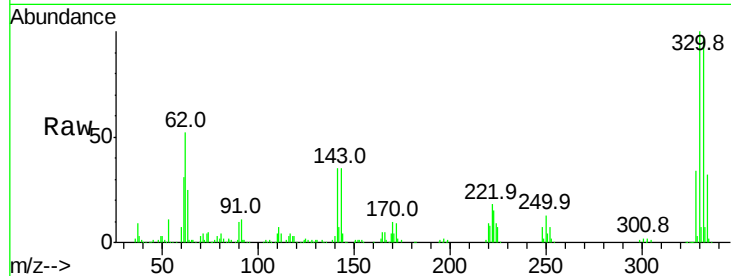




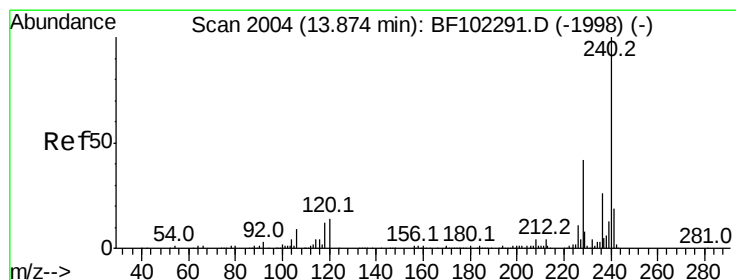
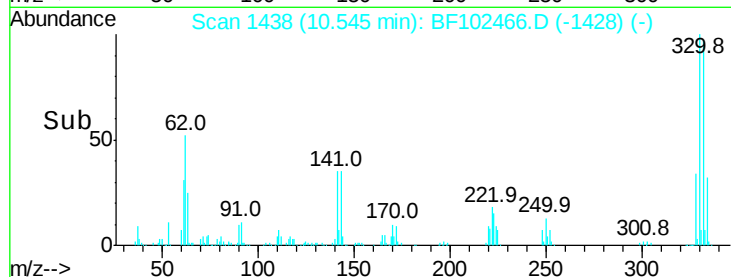
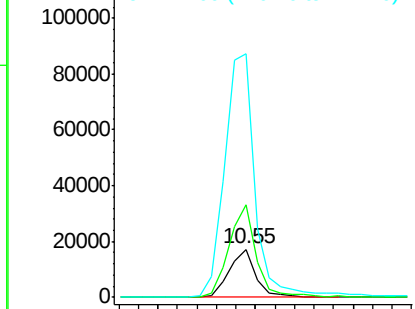
#66
4-Bromophenyl-phenylether
Concen: 3.125 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16278
Ion Ratio Lower Upper
248 100
250 192.8 76.9 115.3#
141 505.4 74.4 111.6#

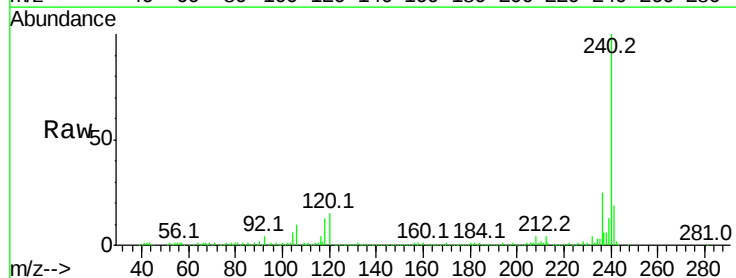


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

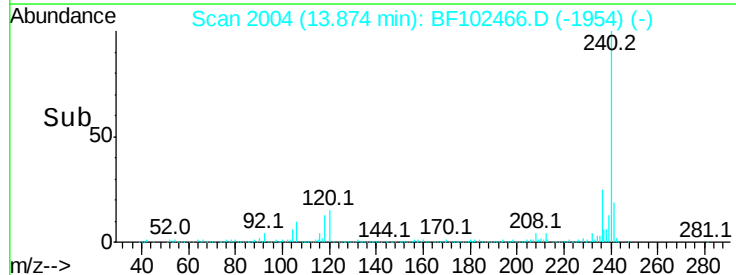
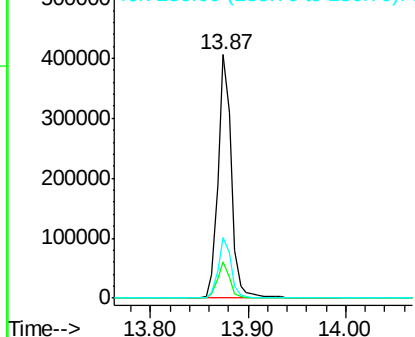


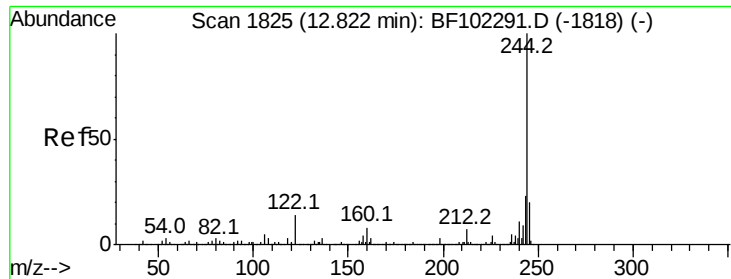
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102466.D
Acq: 26 Jan 2018 14:12

Tgt Ion:240 Resp: 383213
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.1 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

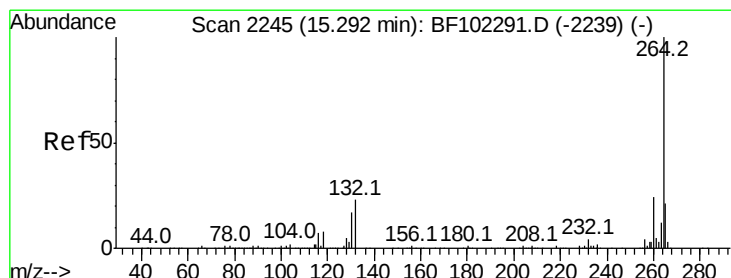
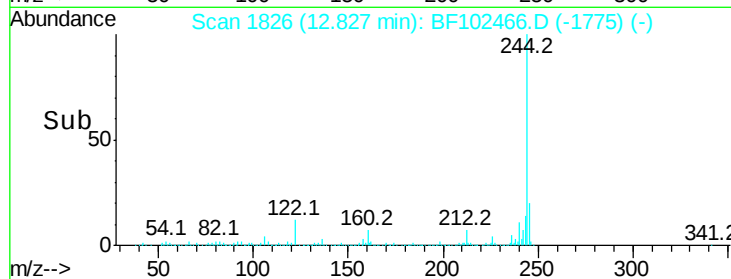
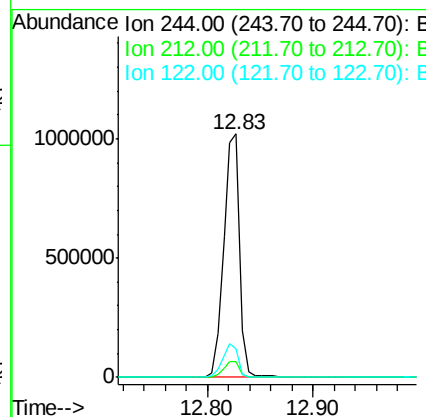
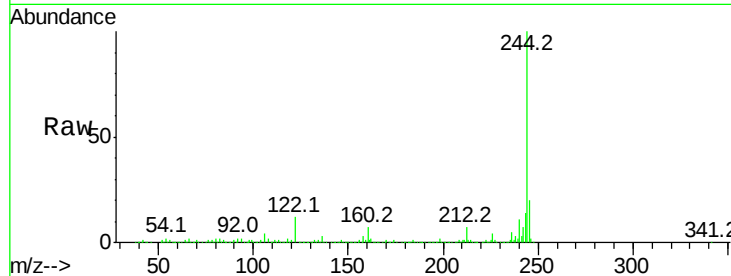




#78
 Terphenyl-d14
 Concen: 63.615 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1081369
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102466.D
 Acq: 26 Jan 2018 14:12

Tgt Ion:264 Resp: 307194
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.3 17.5 26.3

