

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101045.D
 Acq On : 1 Dec 2017 3:47
 Operator : SJ/JU
 Sample : I6618-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 04:38:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

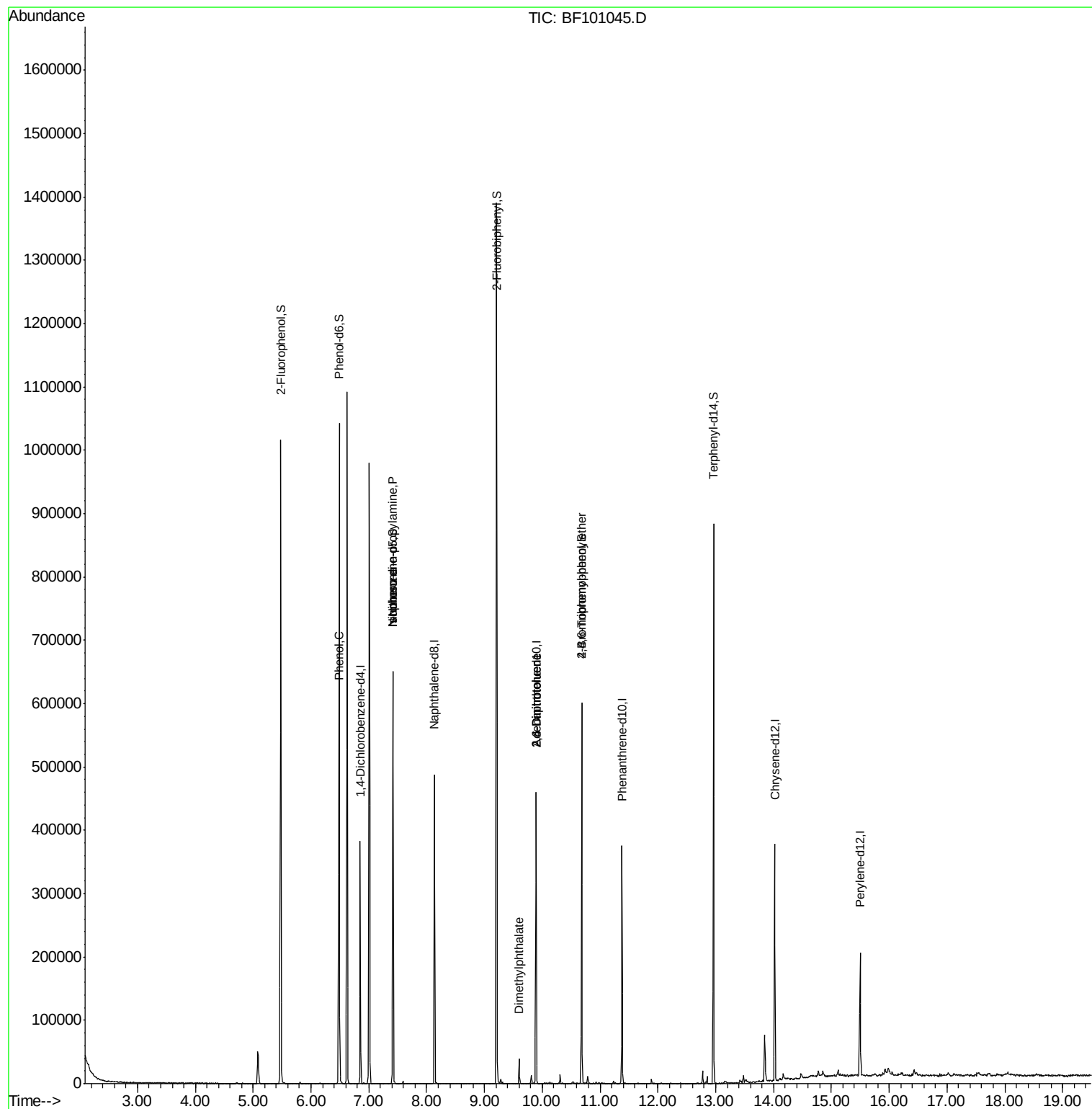
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	207949	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	85975	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	132379	20.00	ng	0.00
75) Chrysene-d12	14.02	240	120125	20.00	ng	0.00
86) Perylene-d12	15.50	264	89917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	281934	86.28	ng	0.00
7) Phenol-d6	6.49	99	343068	86.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	206229	59.16	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	69890	67.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	408835	65.06	ng	0.00
78) Terphenyl-d14	12.96	244	282306	51.40	ng	0.00
Target Compounds						
10) Phenol	6.50	94	13644	3.093	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	27641	10.345	ng	# 81
25) Isophorone	7.42	82	206229	34.635	ng	# 64
49) Dimethylphthalate	9.60	163	18408	2.655	ng	99
50) 2,6-Dinitrotoluene	9.89	165	10978	7.517	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	10978	5.609	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	4212	2.843	ng	# 1

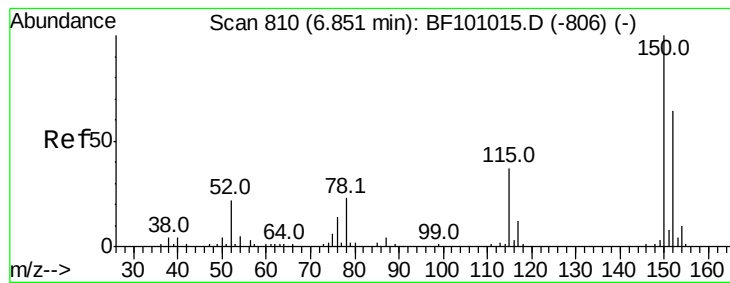
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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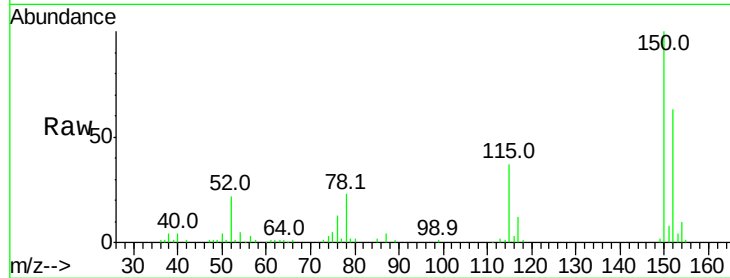


#1

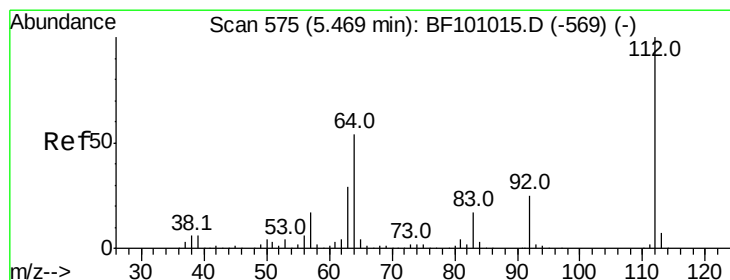
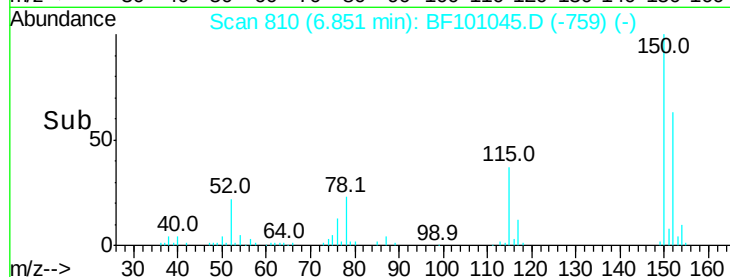
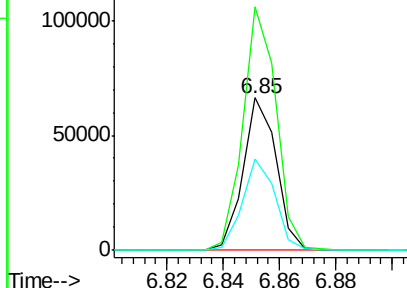
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53999
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 59.6 50.1 75.1



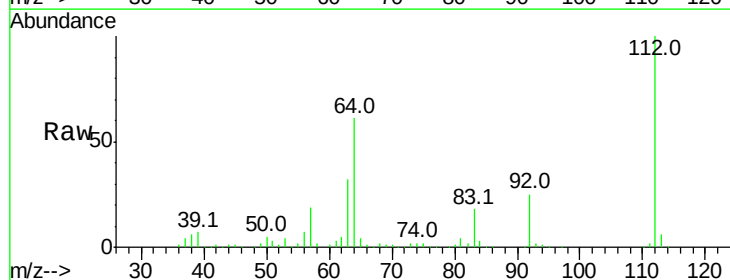
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



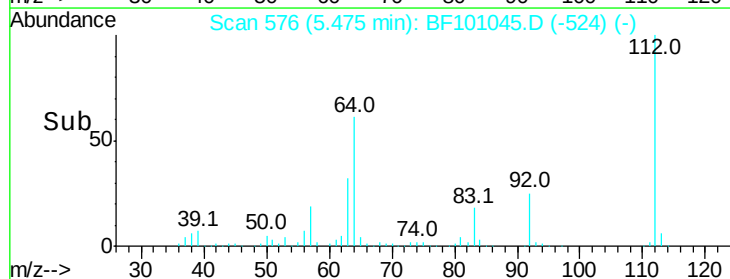
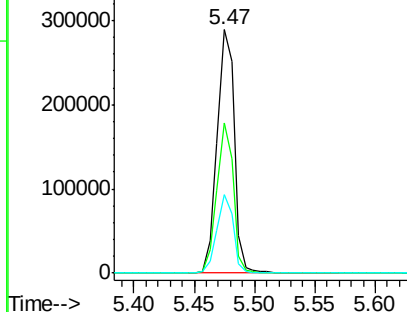
#5

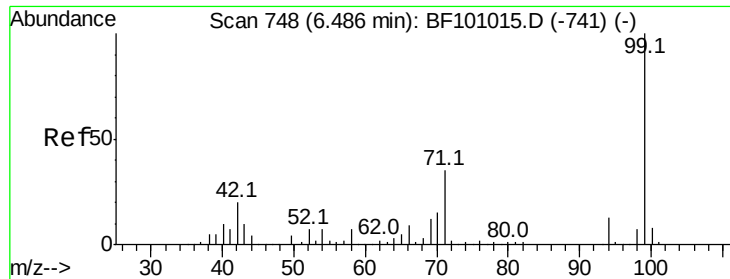
2-Fluorophenol
Concen: 86.276 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

Tgt Ion:112 Resp: 281934
Ion Ratio Lower Upper
112 100
64 61.4 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: 86.470 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101045.D

Acq: 1 Dec 2017 3:47

Instrument :

BNA_F

ClientSampled :

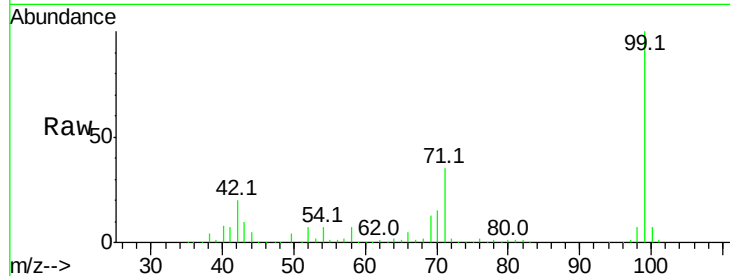
Tot Ion: 99 Resp: 343068

Ion Ratio Lower Upper

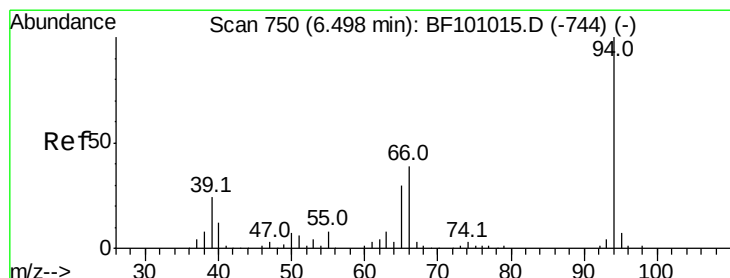
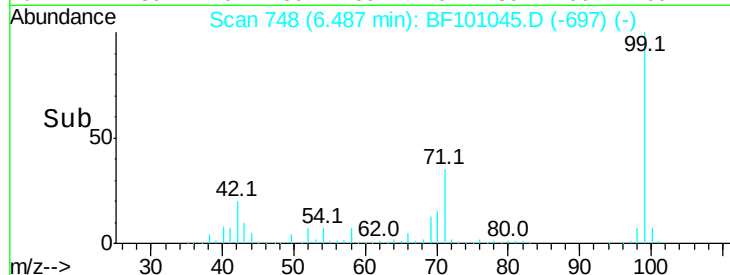
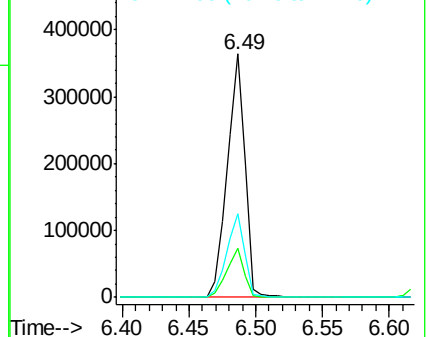
99 100

42 20.3 14.5 21.7

71 34.6 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: 3.093 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF101045.D

Acq: 1 Dec 2017 3:47

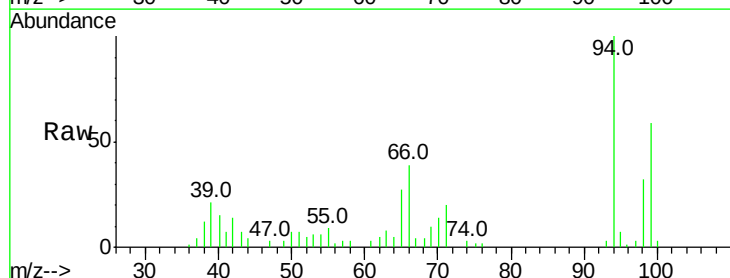
Tgt Ion: 94 Resp: 13644

Ion Ratio Lower Upper

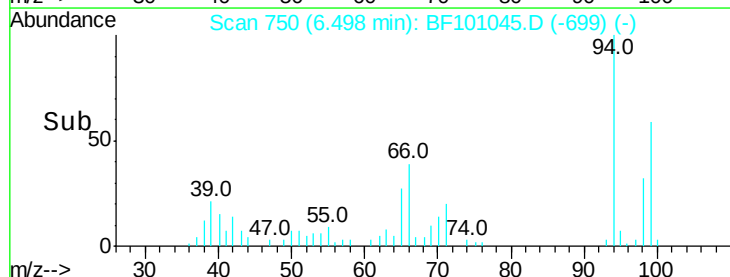
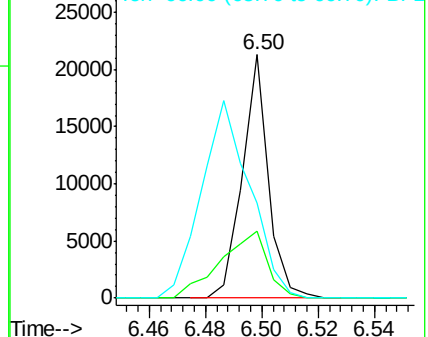
94 100

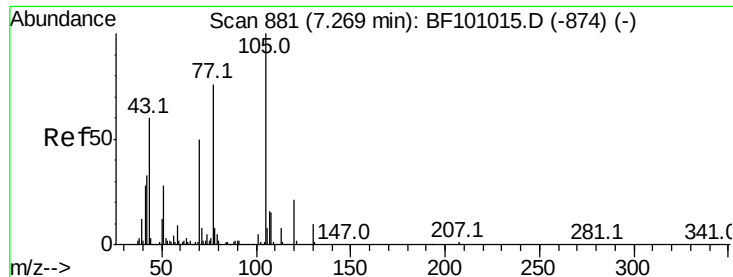
65 27.3 7.9 47.9

66 39.0 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

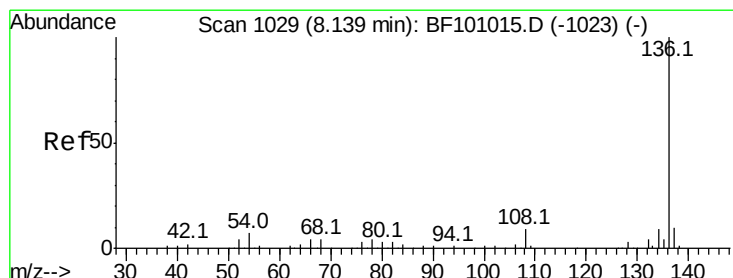
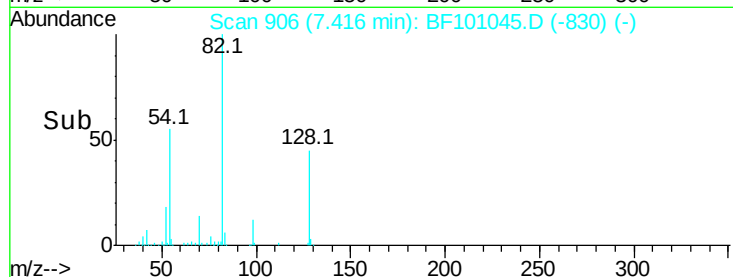
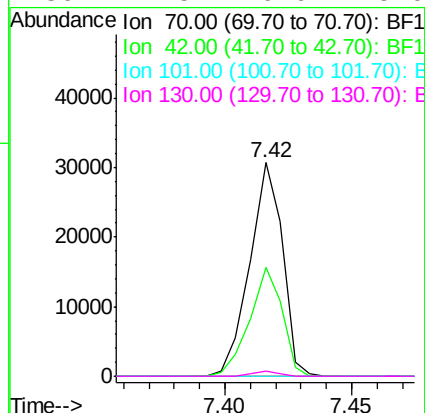
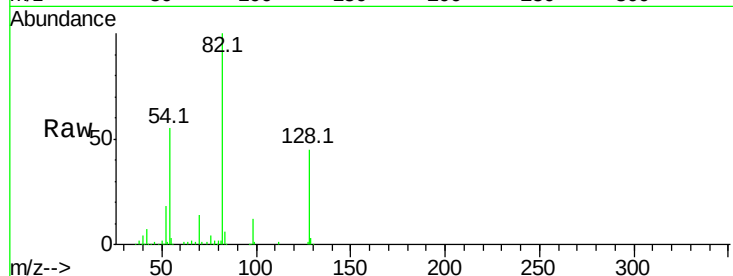




#19
n-Nitroso-di-n-propylamine
Concen: 10.345 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

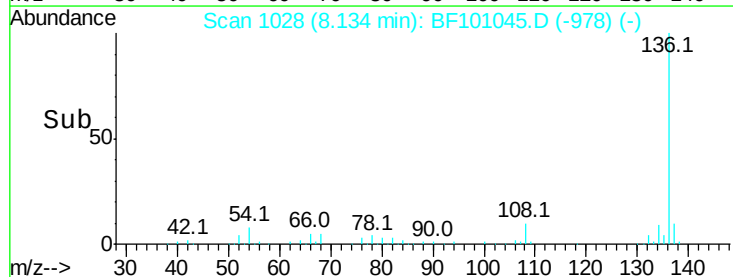
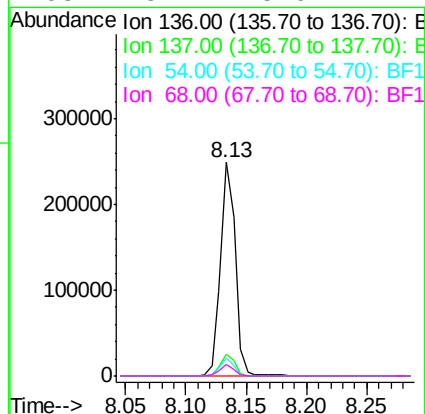
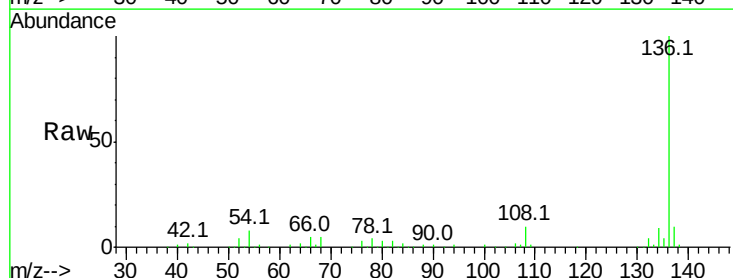
Instrument :
BNA_F
ClientSampled :

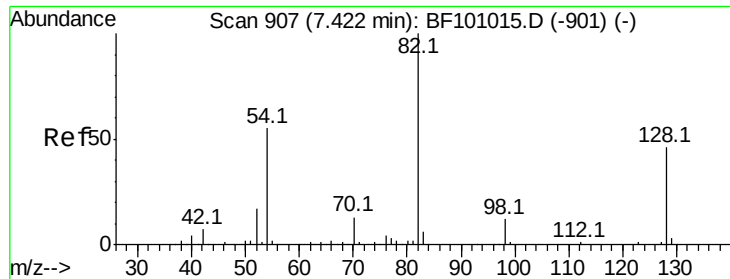
Tot Ion: 70 Resp: 27641
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

Tgt Ion:136 Resp: 207949
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.2 6.6 9.8
68 5.2 5.0 7.4

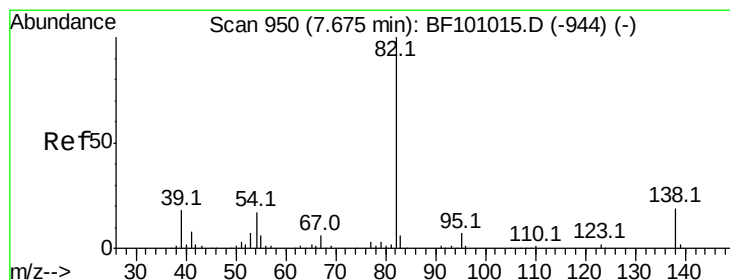
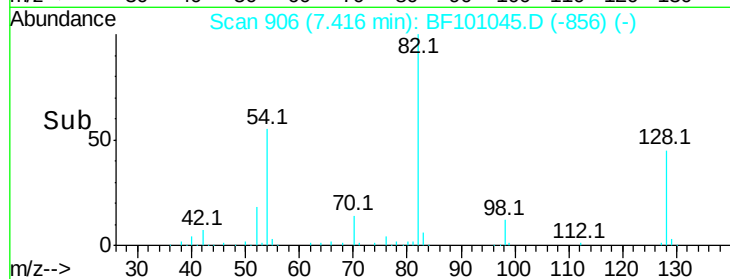
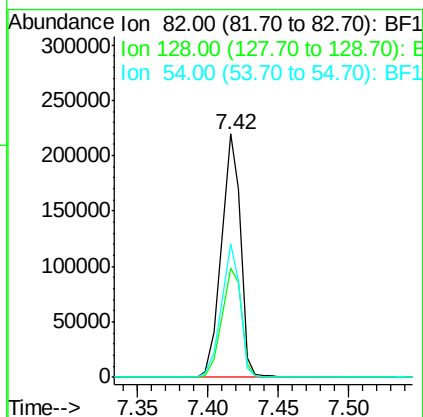
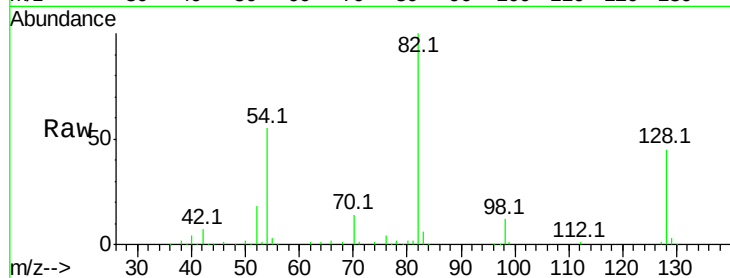




#23
 Nitrobenzene-d5
 Concen: 59.160 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

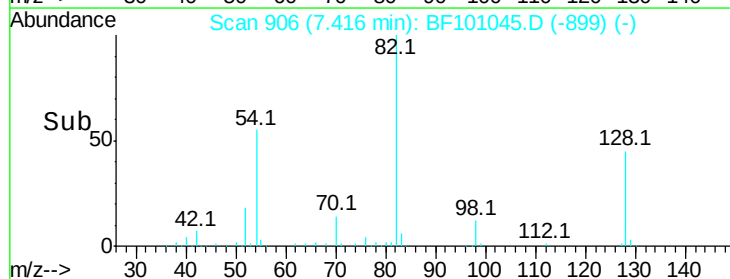
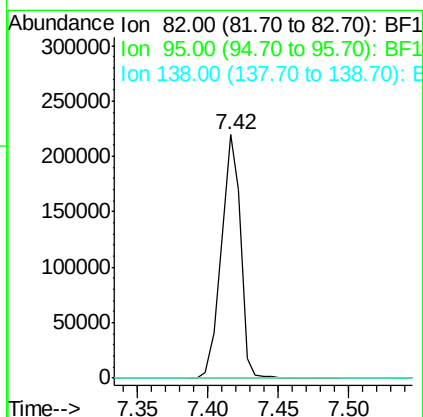
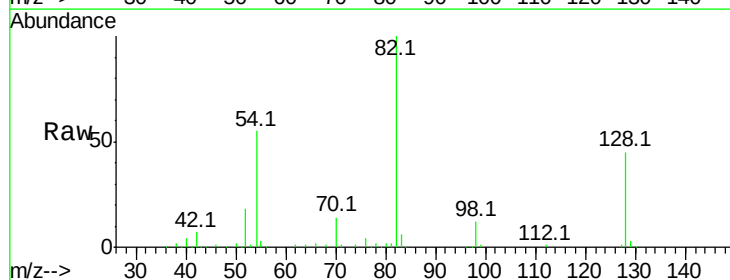
Instrument :
 BNA_F
 ClientSampled :

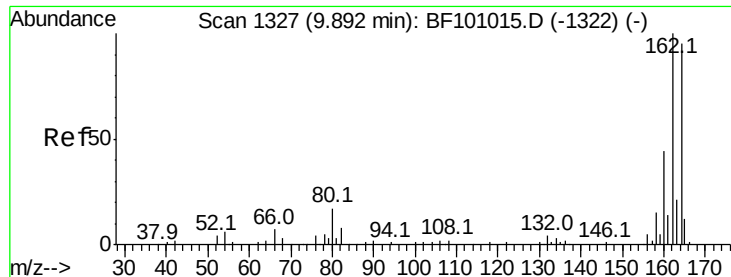
Tot Ion	82	Resp	206229
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	54.9	41.4	62.2



#25
 Isophorone
 Concen: 34.635 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Tgt Ion	82	Resp	206229
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

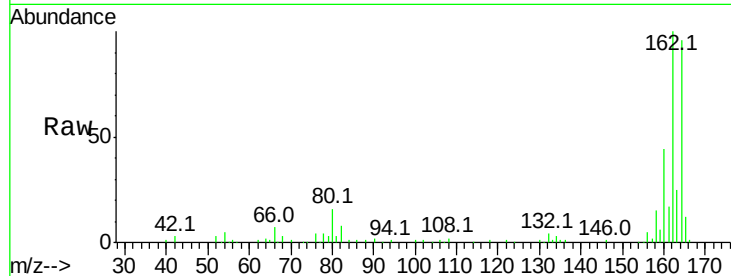




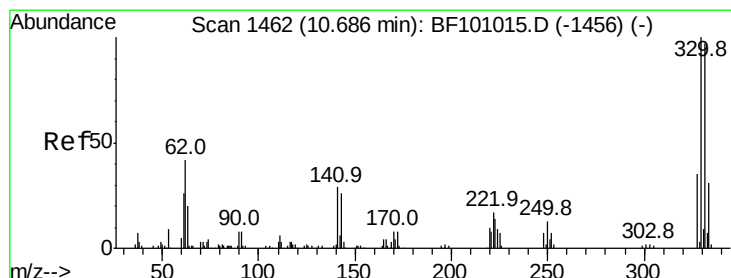
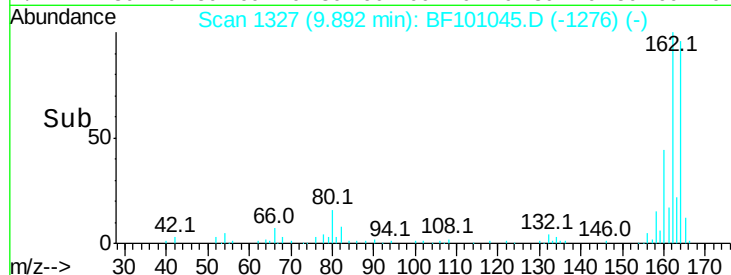
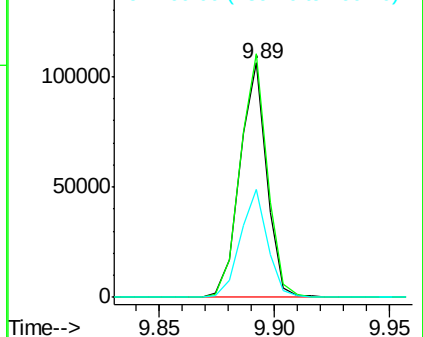
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 85975
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.1 38.3 57.5

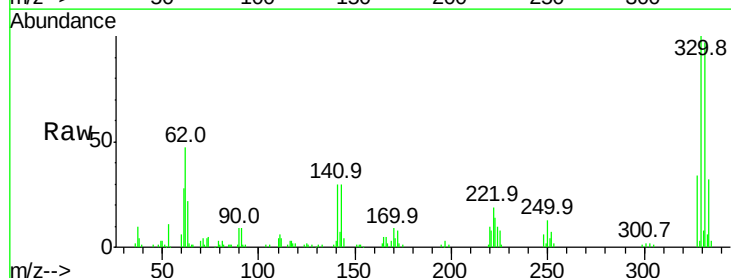


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

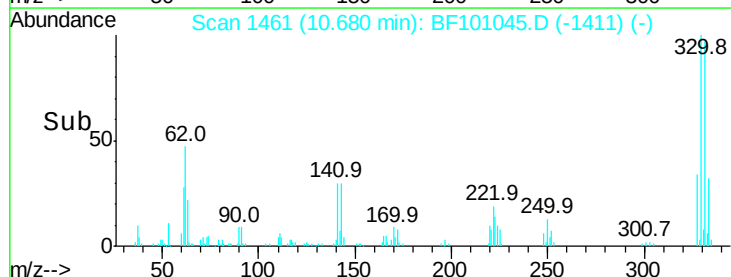
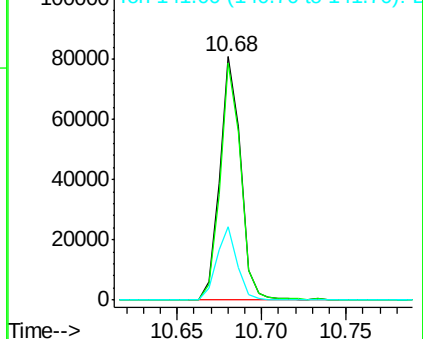


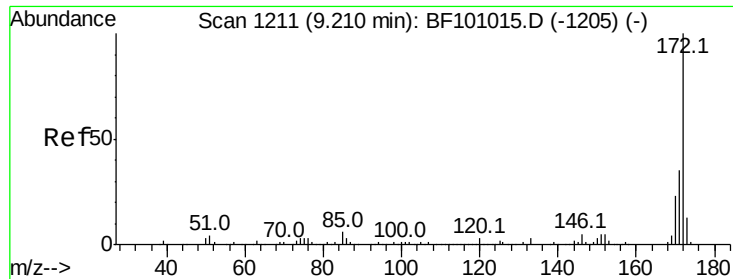
#41
 2,4,6-Tribromophenol
 Concen: 67.670 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Tgt Ion:330 Resp: 69890
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.6 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

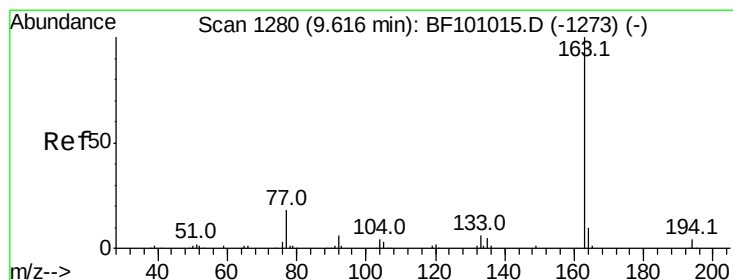
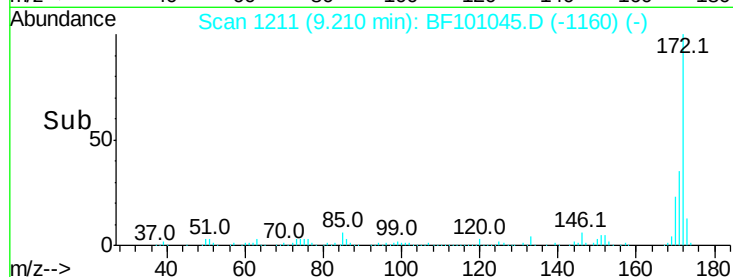
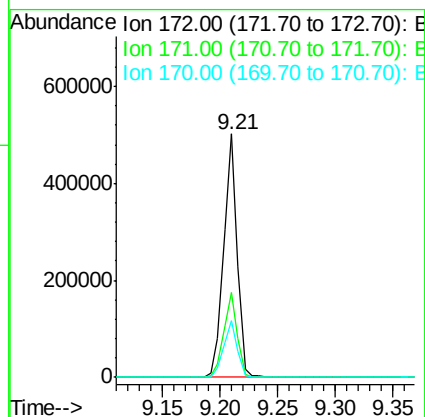
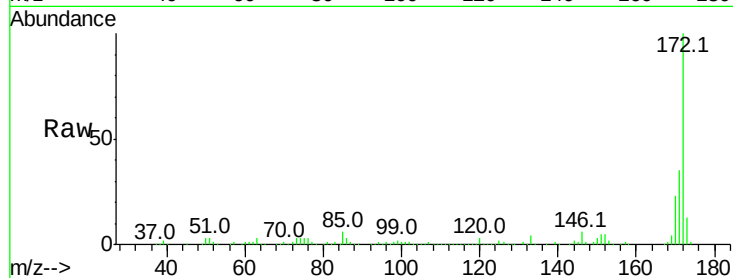




#44
2-Fluorobiphenyl
Concen: 65.062 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

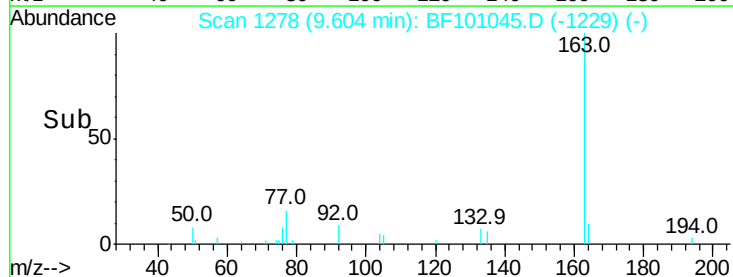
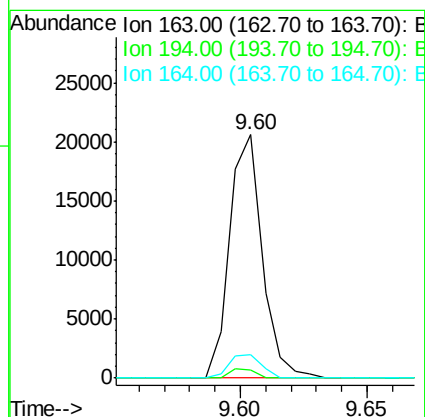
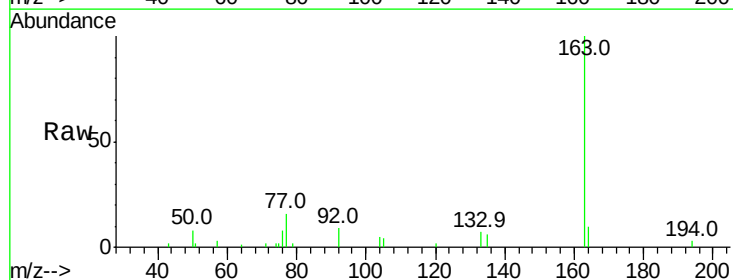
Instrument :
BNA_F
ClientSampleId :

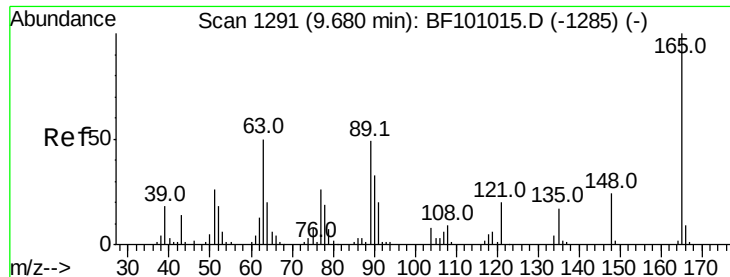
Tot Ion:172 Resp: 408835
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 2.655 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

Tgt Ion:163 Resp: 18408
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2

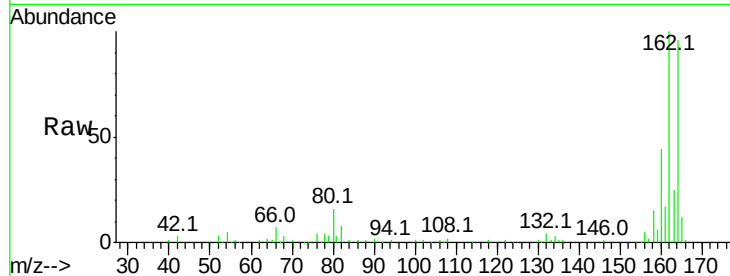




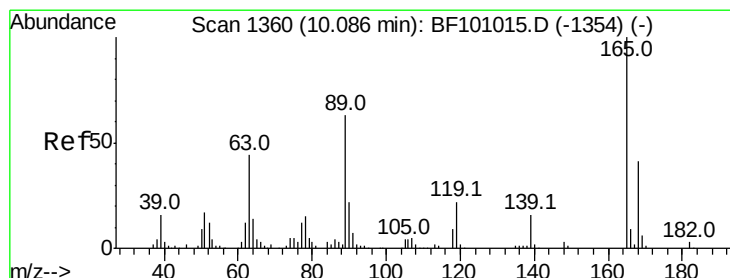
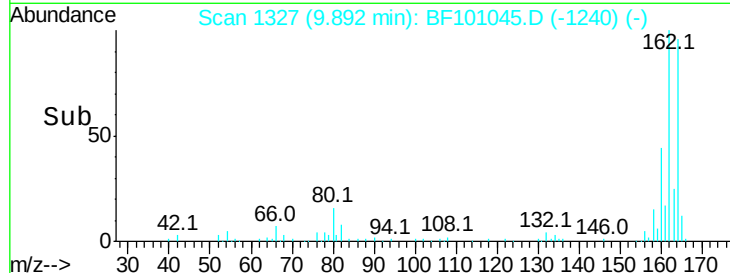
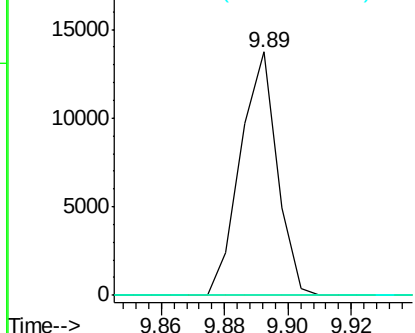
#50
 2,6-Dinitrotoluene
 Concen: 7.517 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10978
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



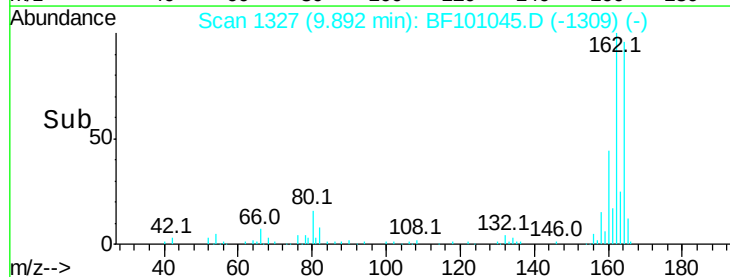
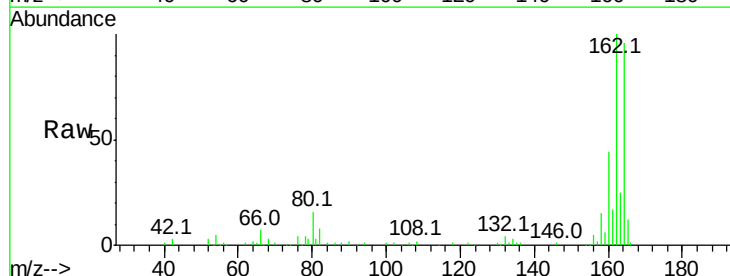
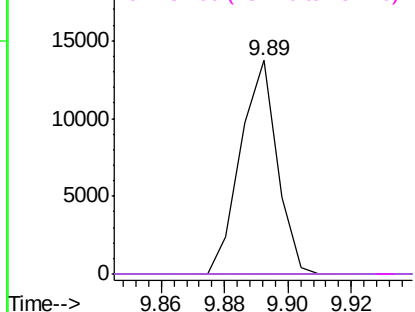
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

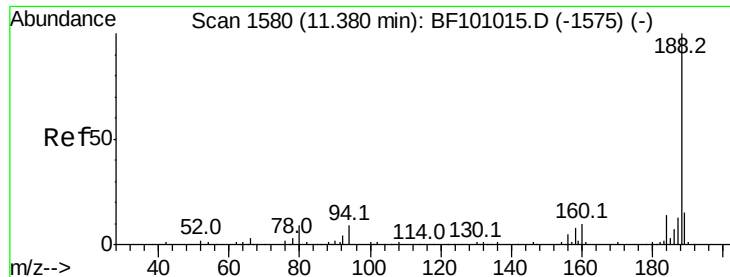


#56
 2,4-Dinitrotoluene
 Concen: 5.609 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Tgt Ion:165 Resp: 10978
 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

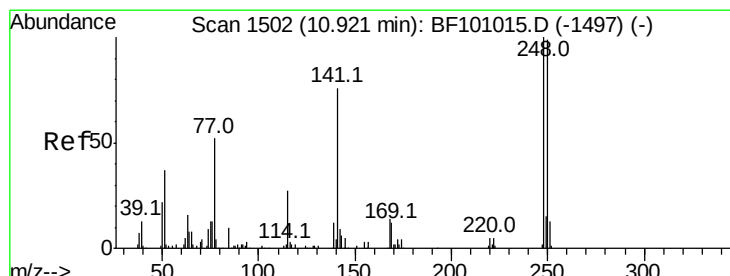
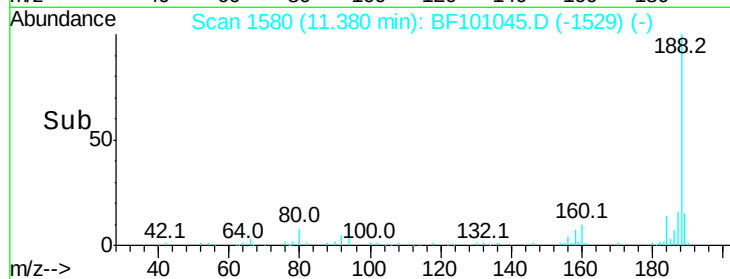
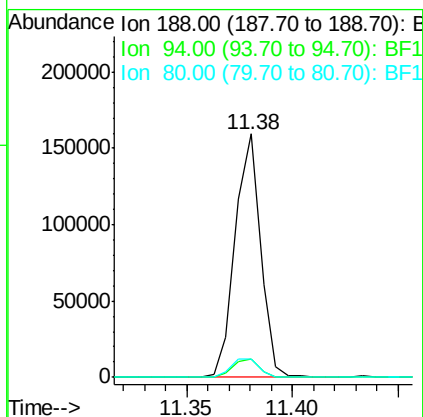
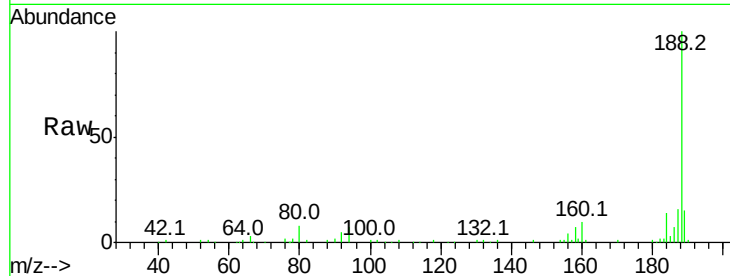




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

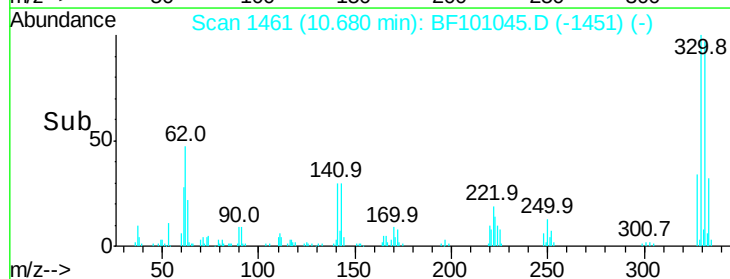
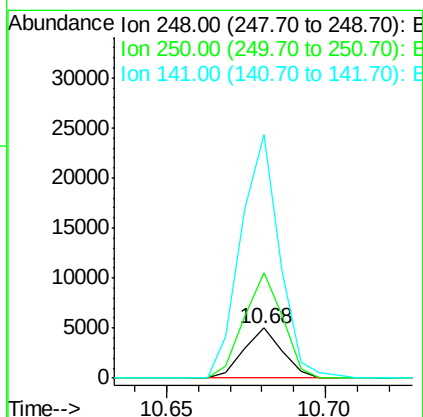
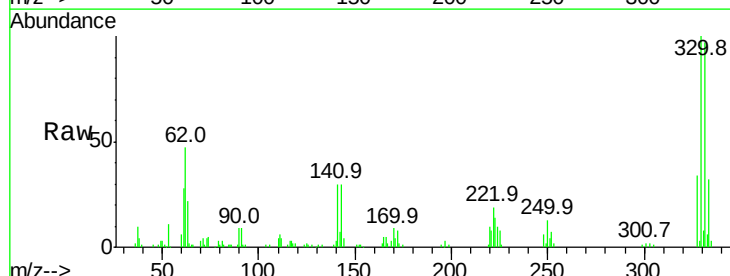
Instrument :
 BNA_F
 ClientSampleId :

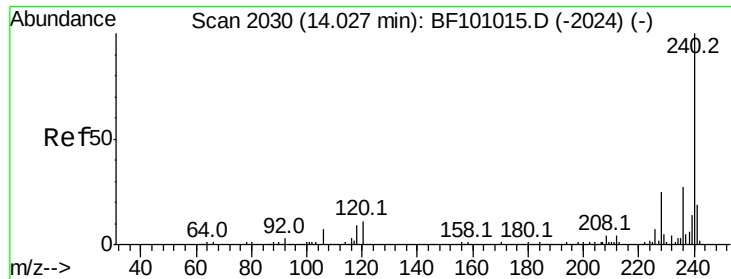
Tot Ion:188 Resp: 132379
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.5 12.7#
 80 7.7 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.843 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Tgt Ion:248 Resp: 4212
 Ion Ratio Lower Upper
 248 100
 250 210.3 76.9 115.3#
 141 484.5 74.4 111.6#

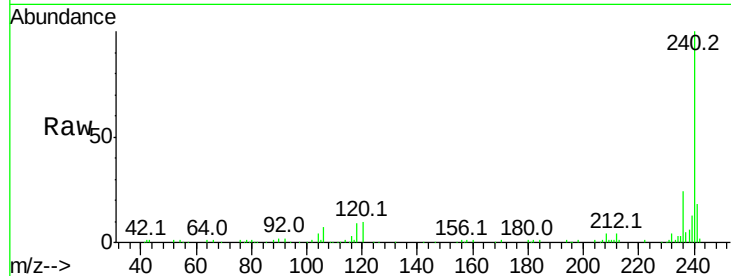




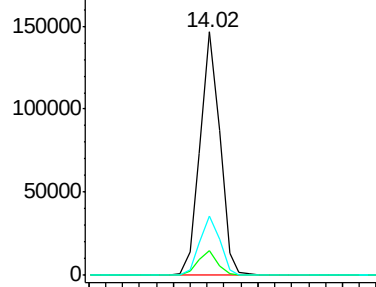
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :

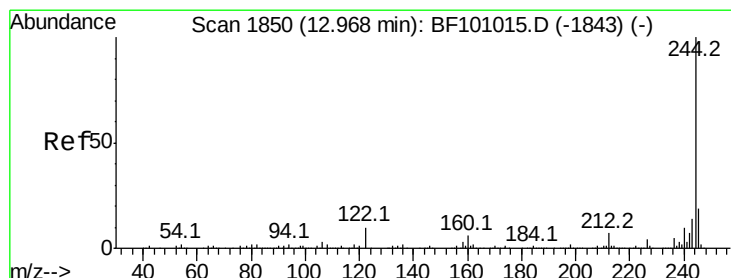
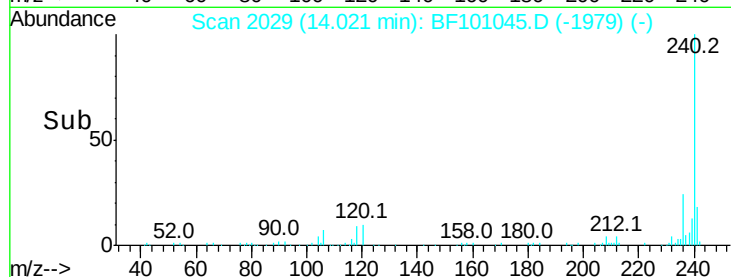
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	24.3	20.7	31.1



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

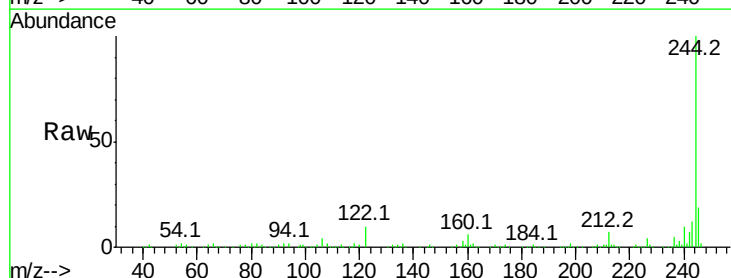


Time--> 13.95 14.00 14.05 14.10

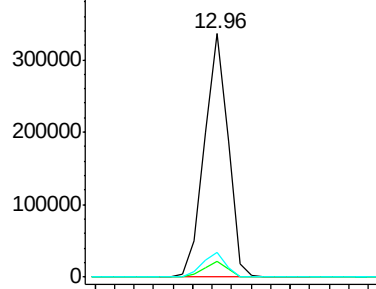


#78
 Terphenyl-d14
 Concen: 51.403 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101045.D
 Acq: 1 Dec 2017 3:47

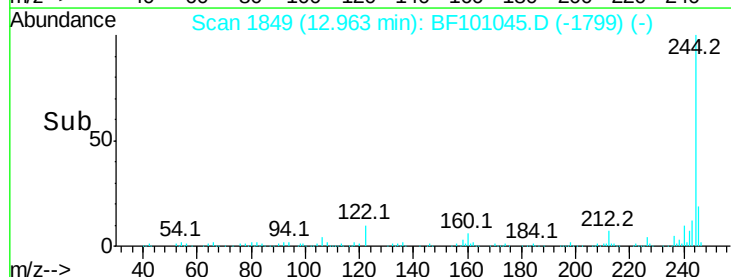
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	11.0	16.4#

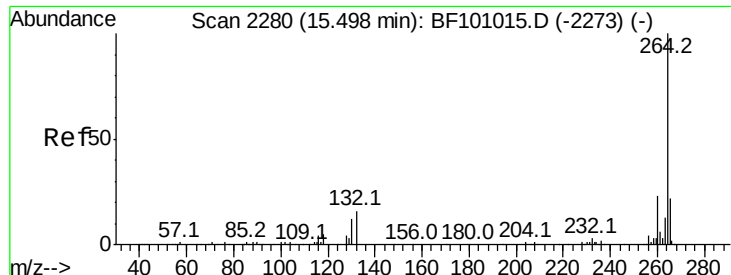


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 12.95 13.00

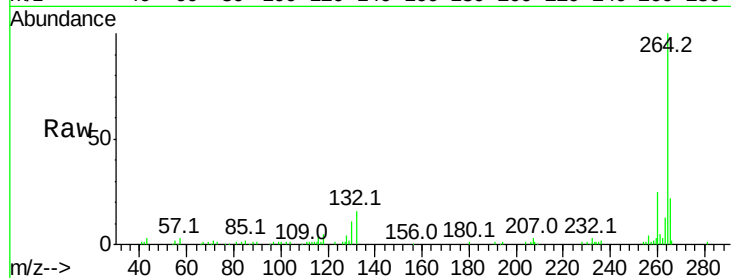




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF101045.D
Acq: 1 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	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

