

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093069.D
 Acq On : 21 Feb 2017 11:46
 Operator : SJ/MA
 Sample : I1904-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 13:34:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

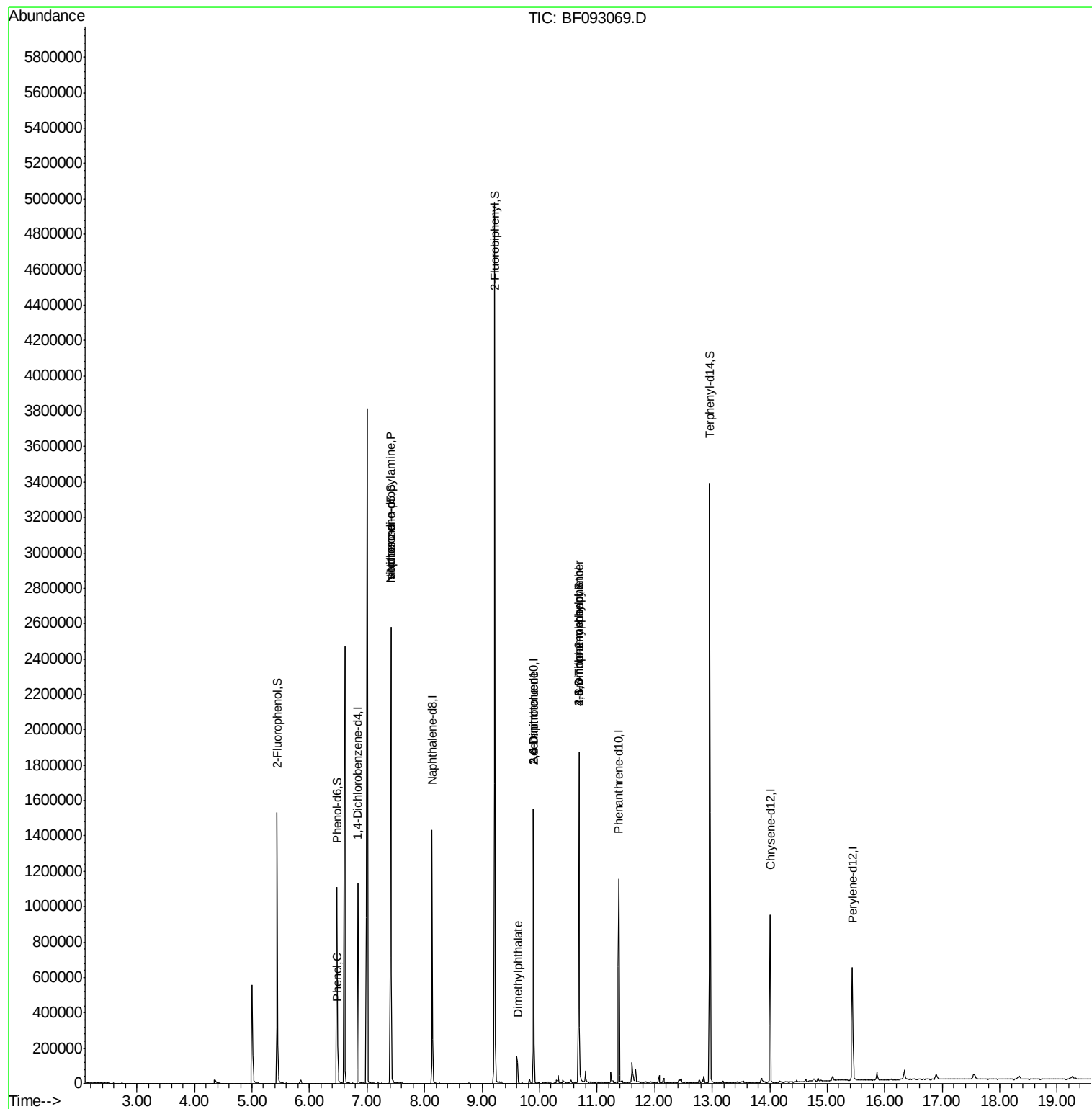
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162210	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	613559	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	284918	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	512711	20.00	ng	0.00
75) Chrysene-d12	14.01	240	349642	20.00	ng	-0.01
86) Perylene-d12	15.44	264	291821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	422609	44.70	ng	-0.01
7) Phenol-d6	6.48	99	341015	28.03	ng	-0.01
23) Nitrobenzene-d5	7.41	82	931709	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	204077	99.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1610412	102.40	ng	0.00
78) Terphenyl-d14	12.96	244	1267809	85.20	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	28745	2.02	ng	Qvalue 78
19) n-Nitroso-di-n-propylamine	7.41	70	121909	15.74	ng	# 81
25) Isophorone	7.41	82	758244	36.93	ng	# 65
49) Dimethylphthalate	9.62	163	89865	4.68	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	37243	8.99	ng	# 31
56) 2,4-Dinitrotoluene	9.89	165	37243	6.75	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	384	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14525	2.71	ng	# 1

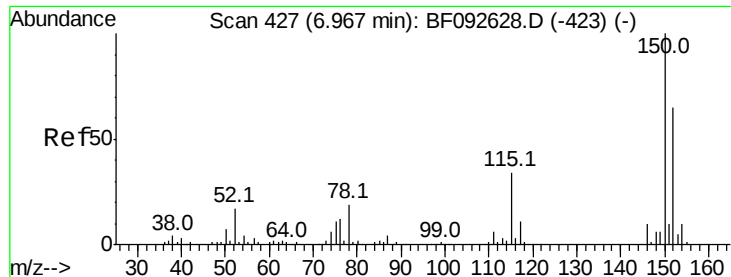
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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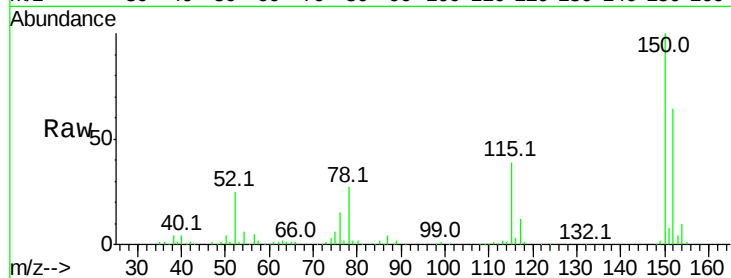


#1

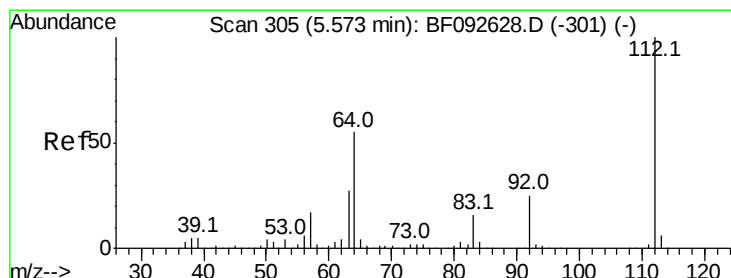
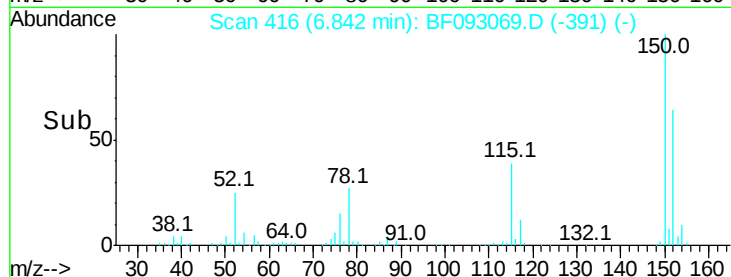
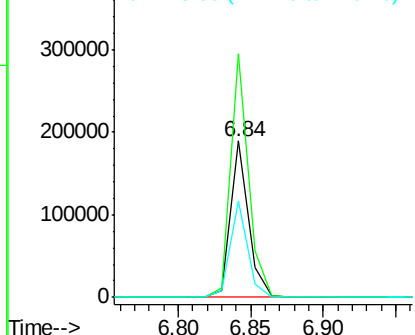
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	61.4	46.0	69.0



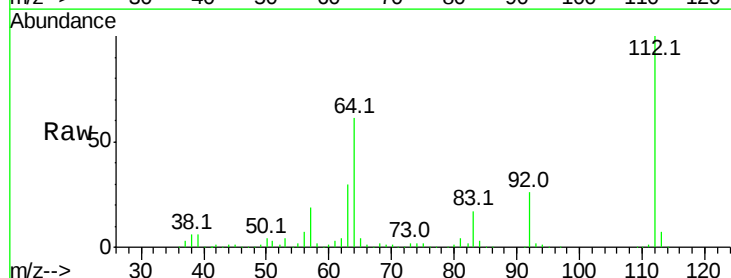
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



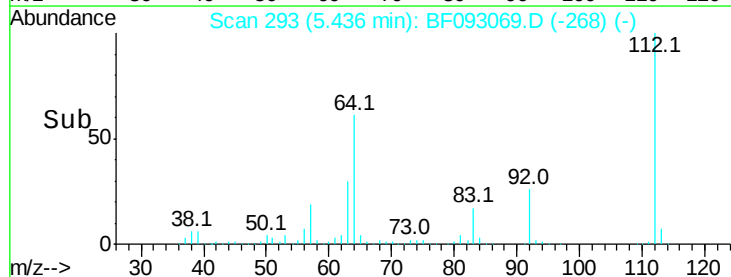
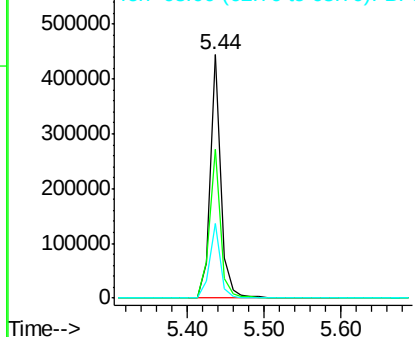
#5

2-Fluorophenol
 Concen: 44.70 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.1	69.1
63	30.4	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

Instrument :

BNA_F

ClientSampled :

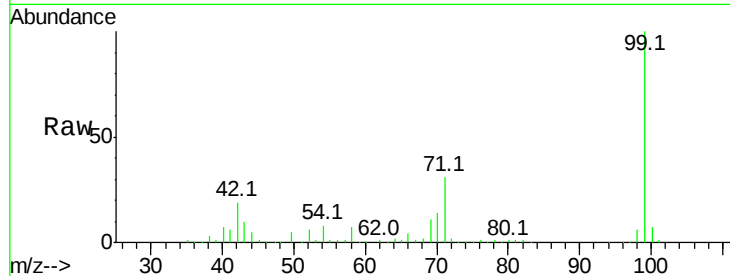
Tot Ion: 99 Resp: 341015

Ion Ratio Lower Upper

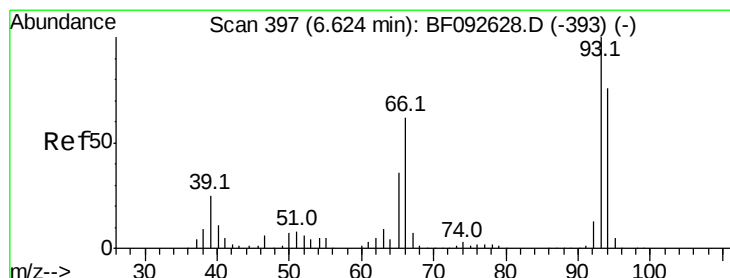
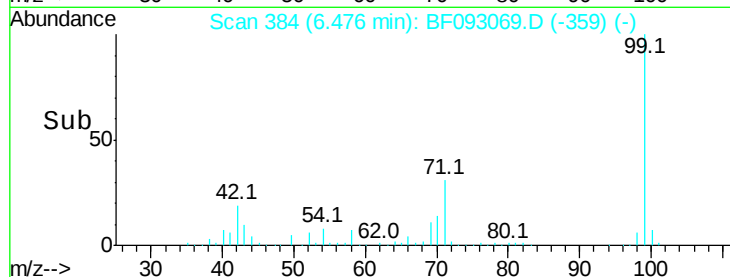
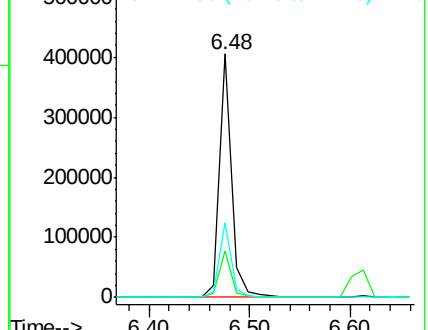
99 100

42 18.9 15.6 23.4

71 30.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.02 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

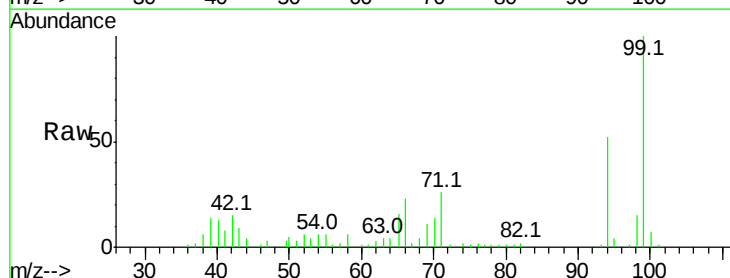
Tgt Ion: 94 Resp: 28745

Ion Ratio Lower Upper

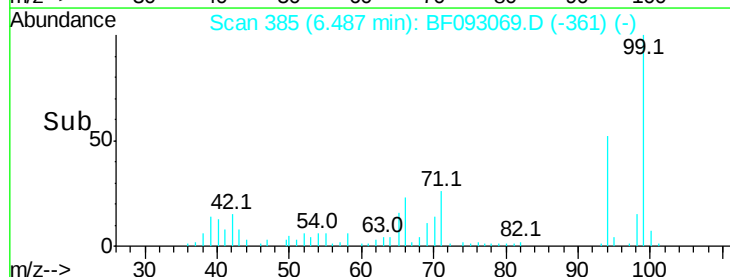
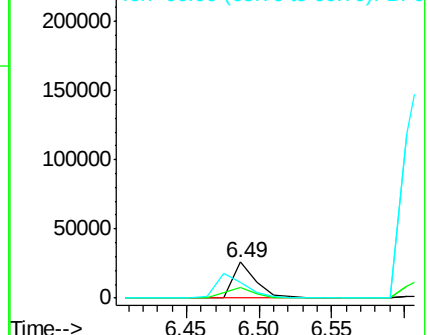
94 100

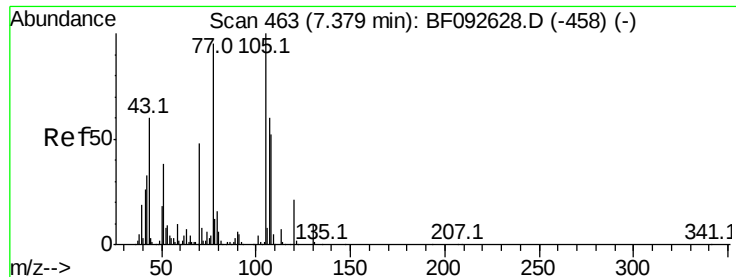
65 31.2 21.4 61.4

66 44.2 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

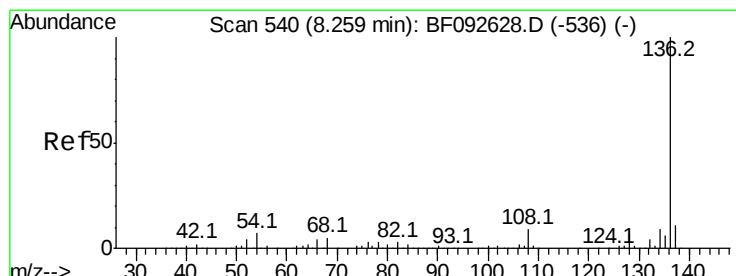
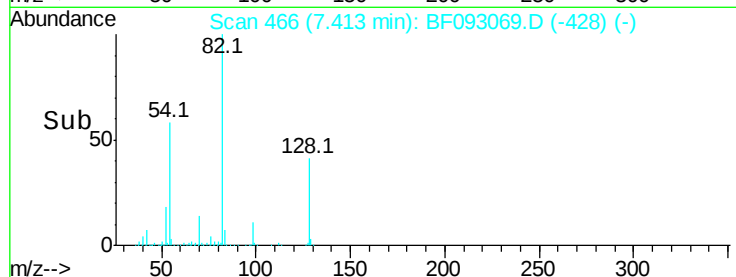
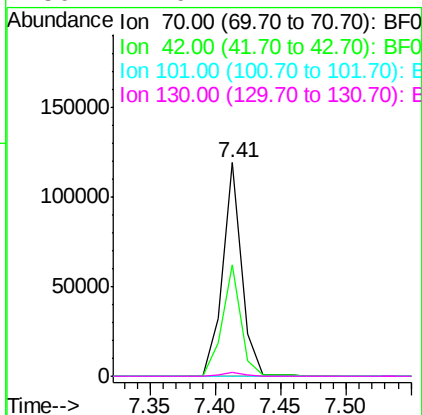
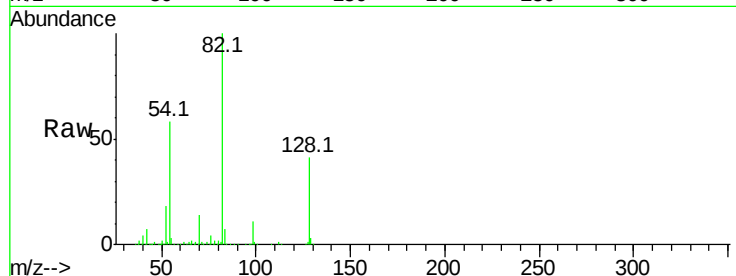




#19
n-Nitroso-di-n-propylamine
Concen: 15.74 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

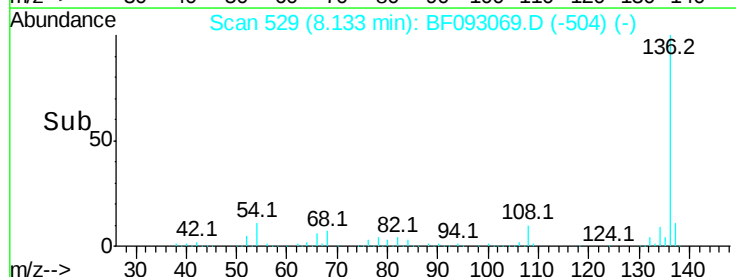
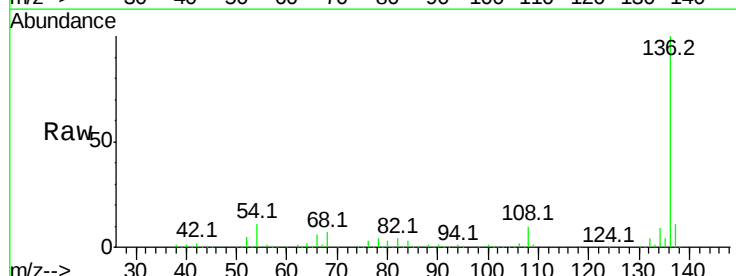
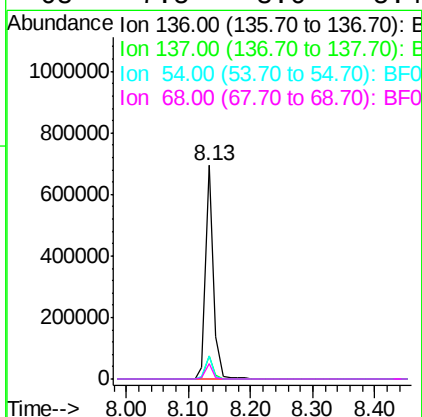
Instrument :
BNA_F
ClientSampleId :

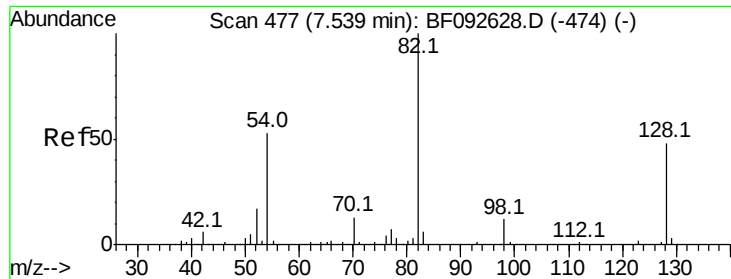
Tot Ion: 70 Resp: 121909
Ion Ratio Lower Upper
70 100
42 52.0 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Tgt Ion: 136 Resp: 613559
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.7 4.5 6.7#
68 7.5 3.6 5.4#

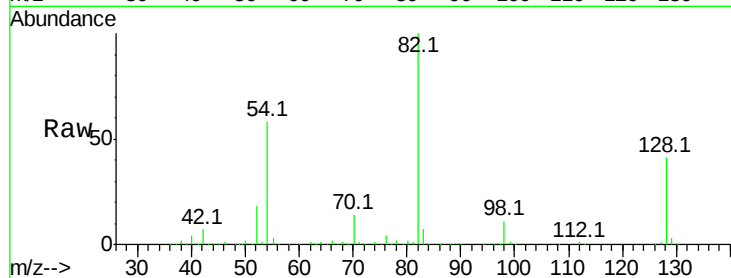




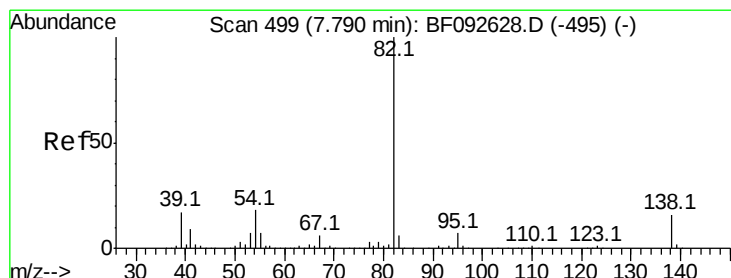
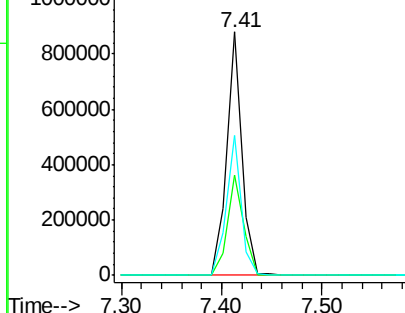
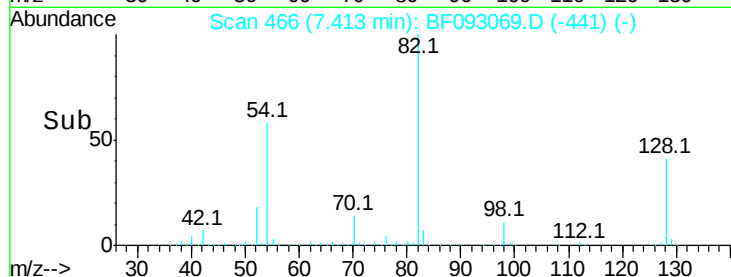
#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	931709
Ion Ratio	100	Lower	Upper
128	41.0	34.6	52.0
54	57.7	39.5	59.3

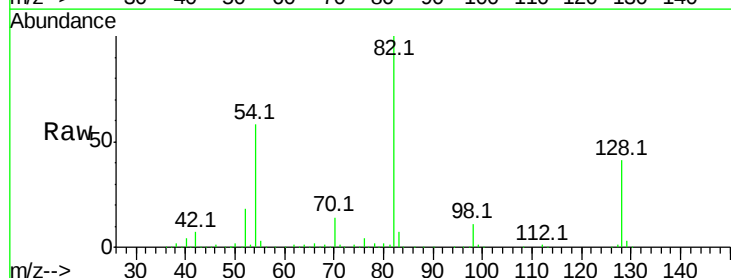


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

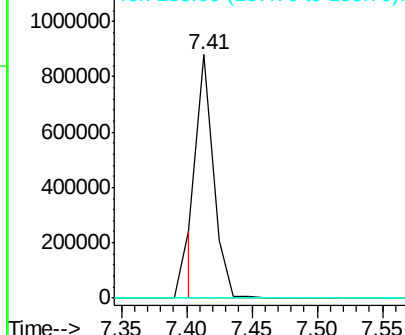
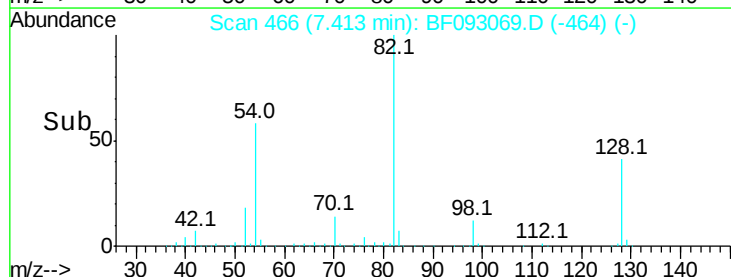


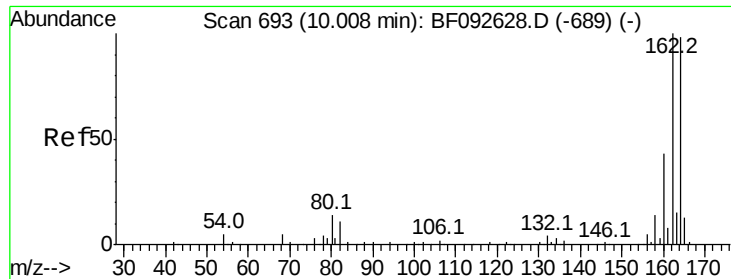
#25
Isophorone
Concen: 36.93 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093069.D
Acq: 21 Feb 2017 11:46

Tgt Ion	82	Resp	758244
Ion Ratio	100	Lower	Upper
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

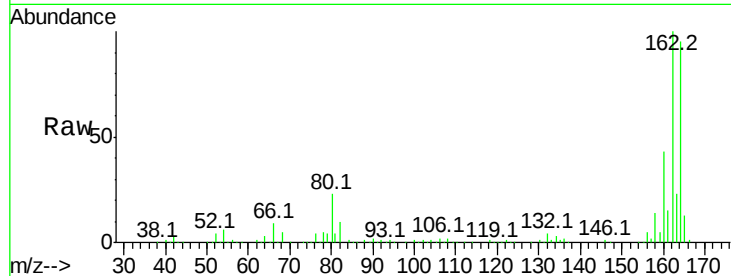




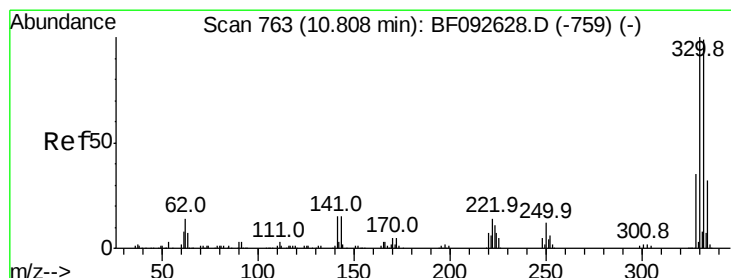
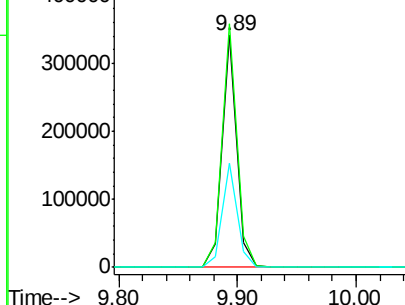
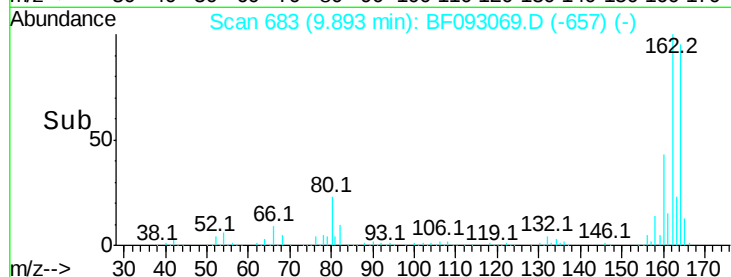
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 284918
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.2 120.2
 160 44.9 36.9 55.3

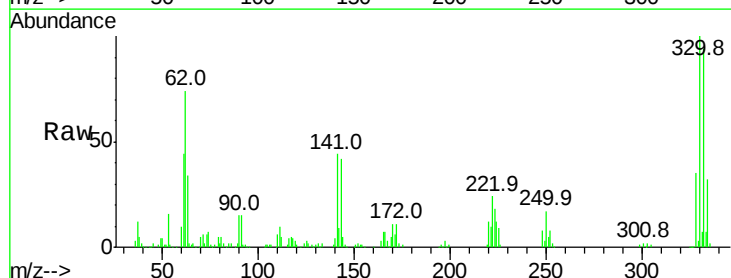


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

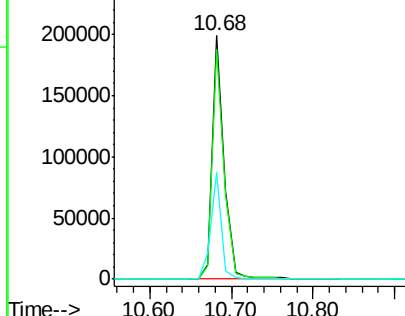
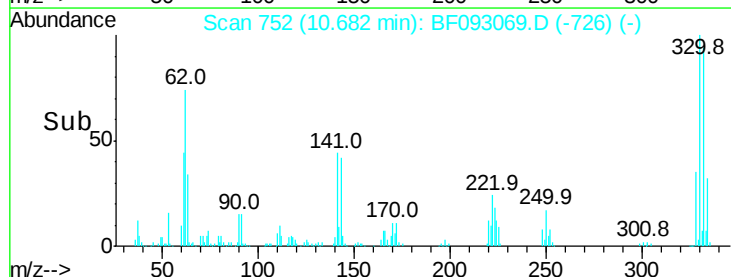


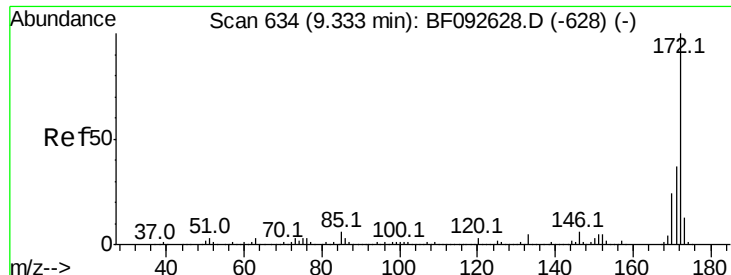
#41
 2,4,6-Tribromophenol
 Concen: 99.03 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:330 Resp: 204077
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 40.3 34.1 51.1



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



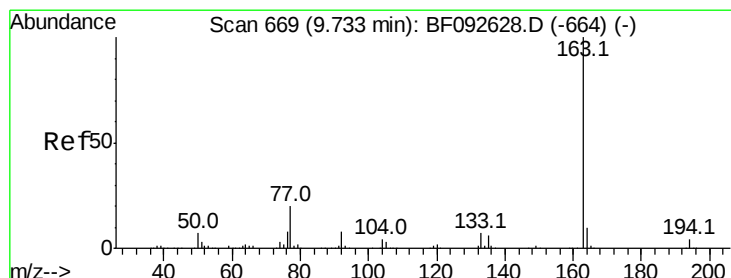
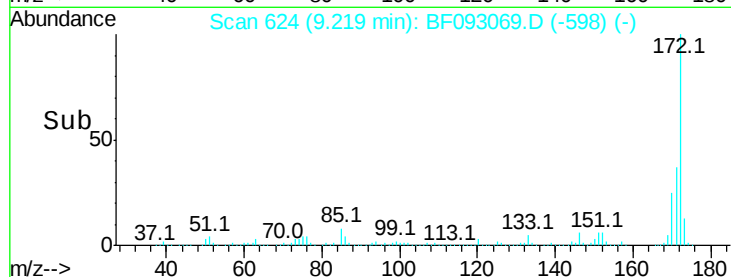
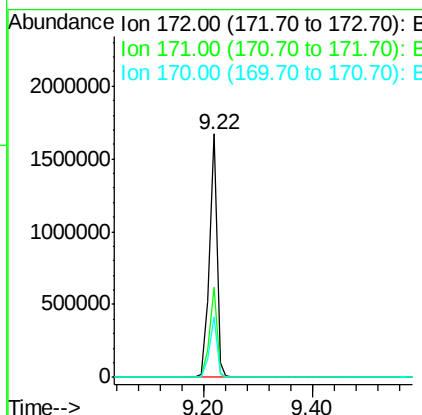
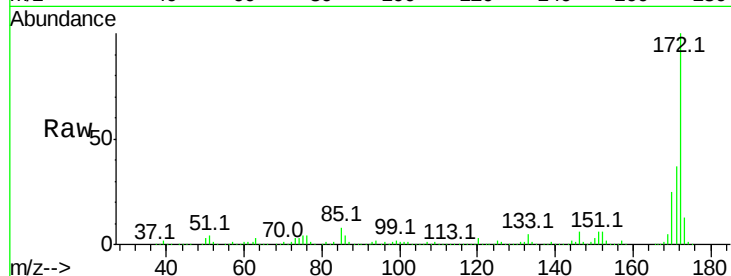


#44
 2-Fluorobiphenyl
 Concen: 102.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1610412

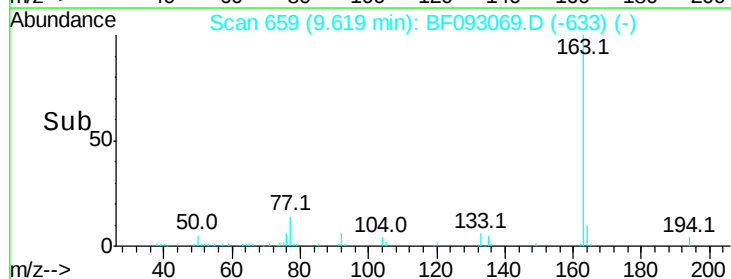
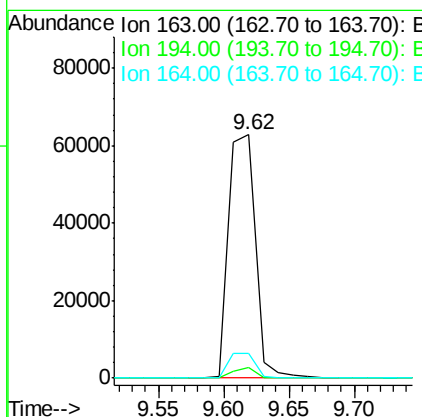
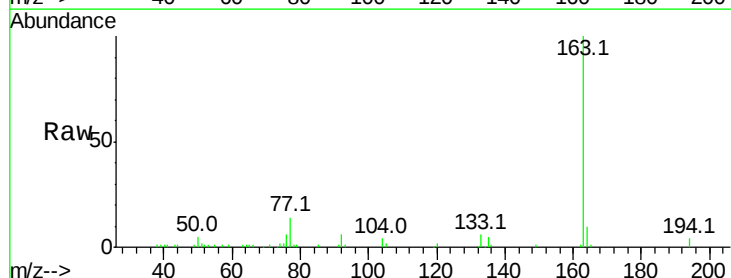
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4

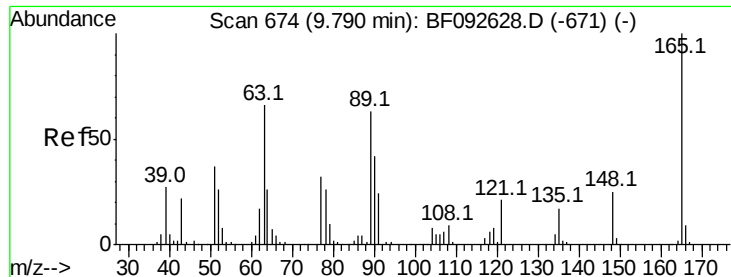


#49
 Dimethylphthalate
 Concen: 4.68 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:163 Resp: 89865

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	10.1	8.0	12.0

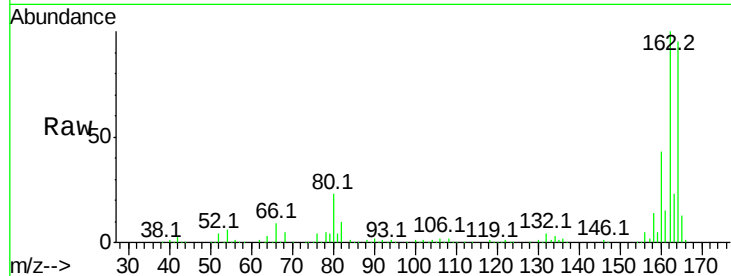




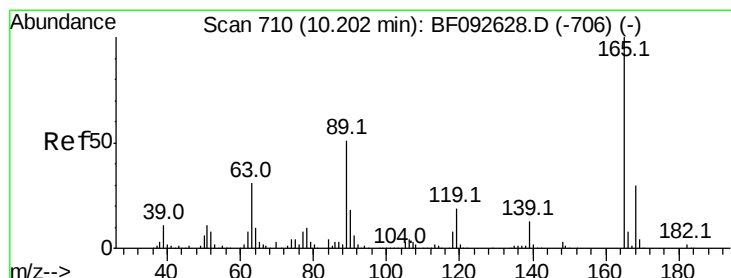
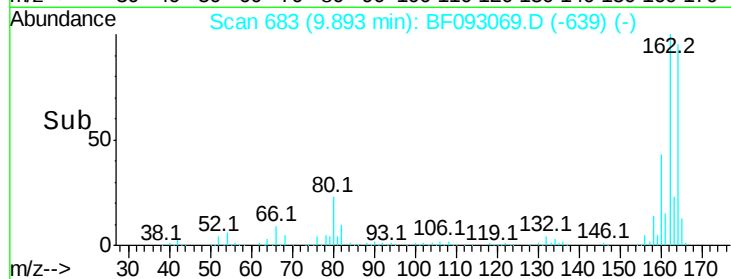
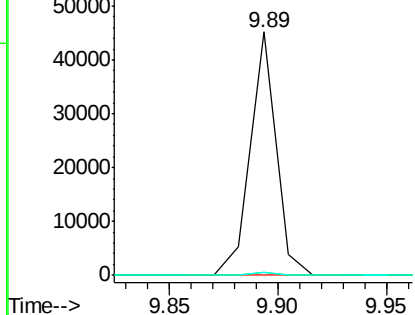
#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 37243
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.2 40.2 60.4#

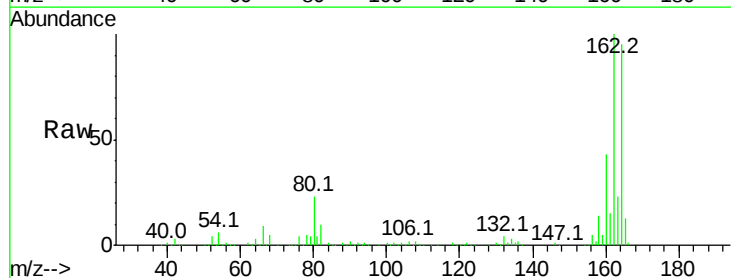


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

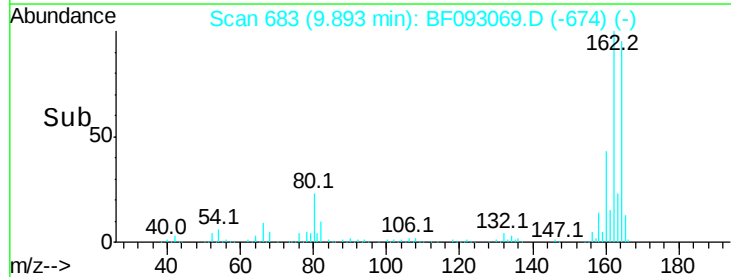
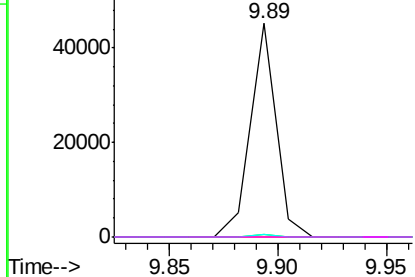


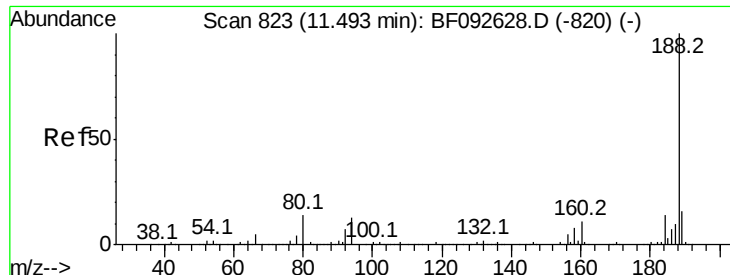
#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:165 Resp: 37243
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

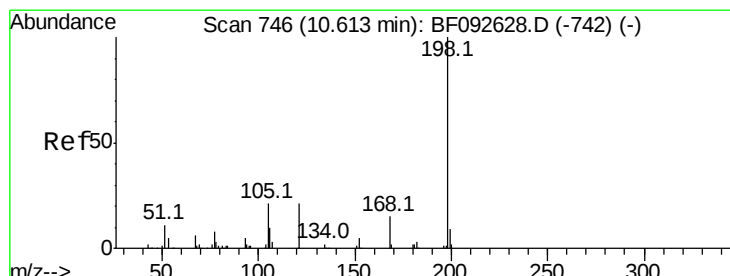
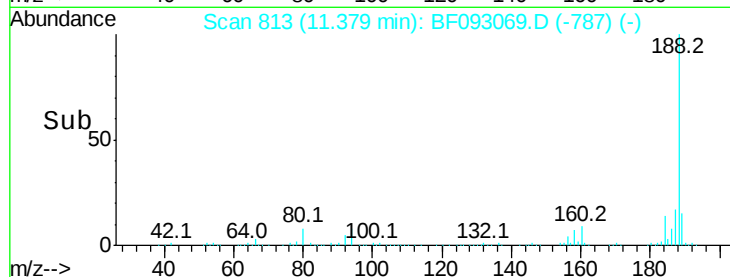
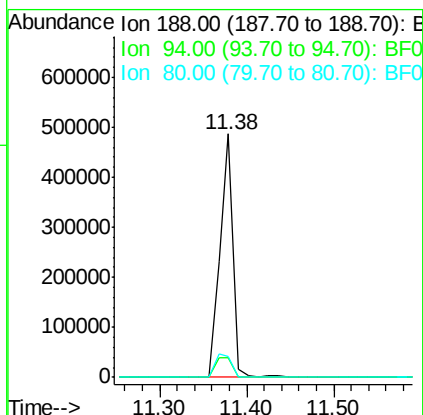
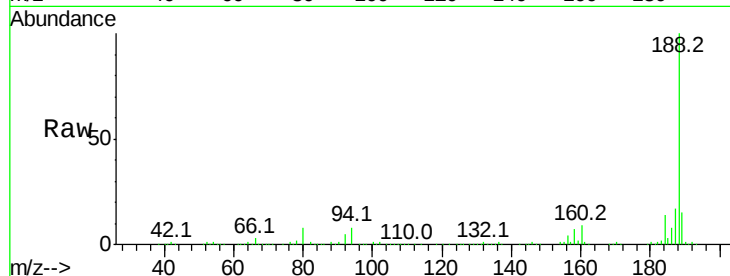




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

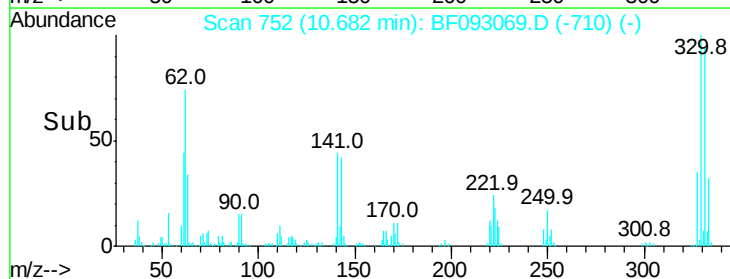
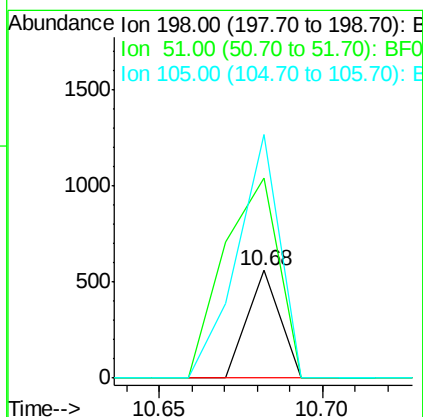
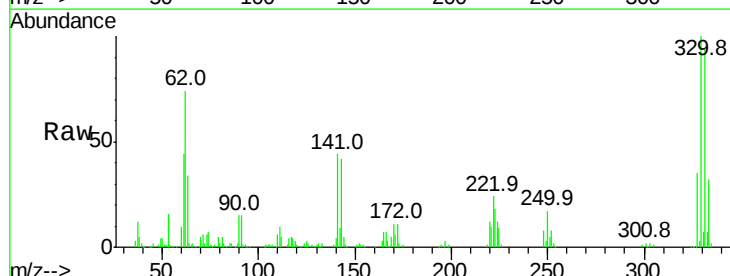
Instrument :
 BNA_F
 ClientSampleId :

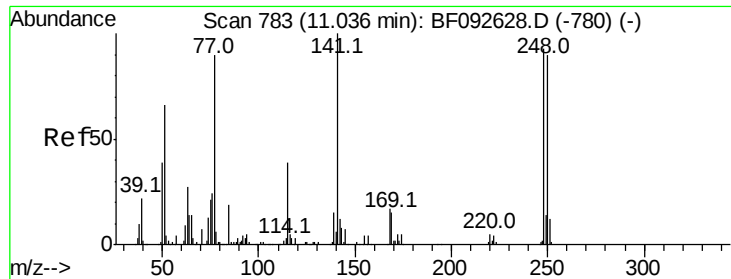
Tot Ion:188 Resp: 512711
 Ion Ratio Lower Upper
 188 100
 94 8.3 10.0 15.0#
 80 8.4 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.79 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:198 Resp: 384
 Ion Ratio Lower Upper
 198 100
 51 185.9 6.7 46.7#
 105 225.9 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 2.71 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

Instrument :

BNA_F

ClientSampleId :

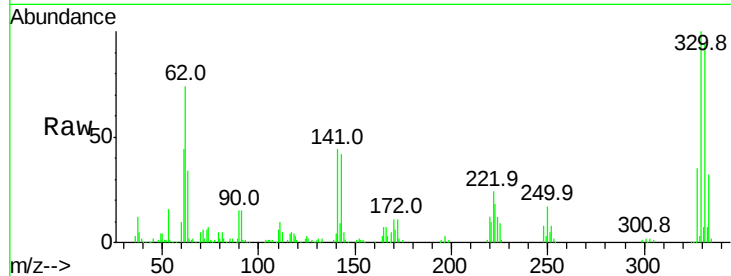
Tot Ion:248 Resp: 14525

Ion Ratio Lower Upper

248 100

250 208.2 76.9 115.3#

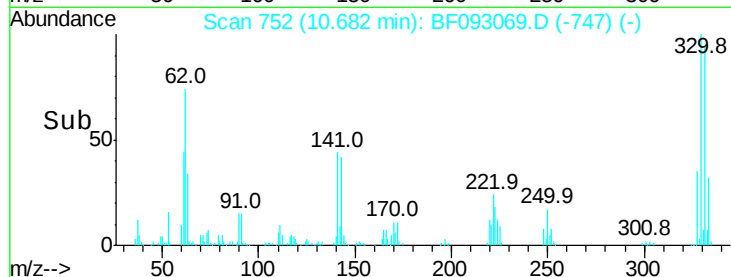
141 537.0 68.2 102.4#



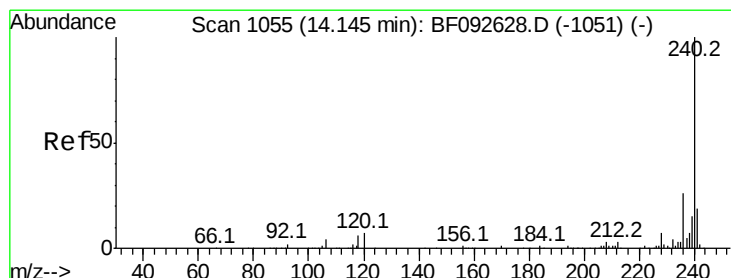
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093069.D

Acq: 21 Feb 2017 11:46

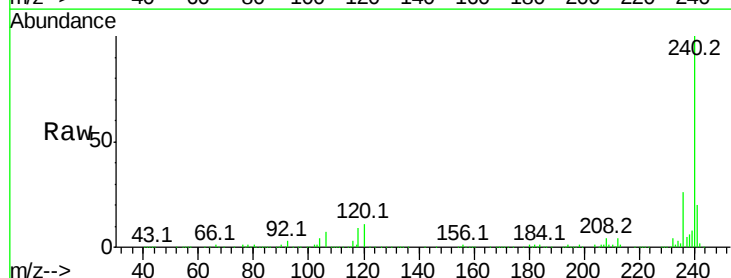
Tgt Ion:240 Resp: 349642

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

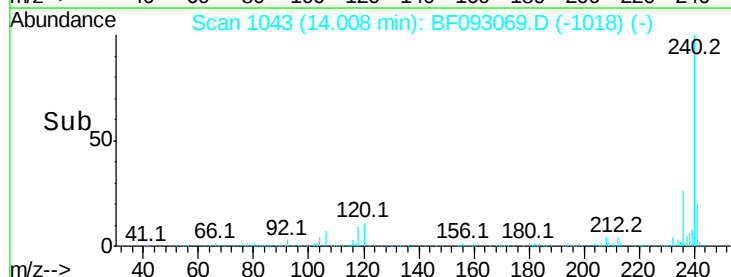
236 26.1 20.9 31.3



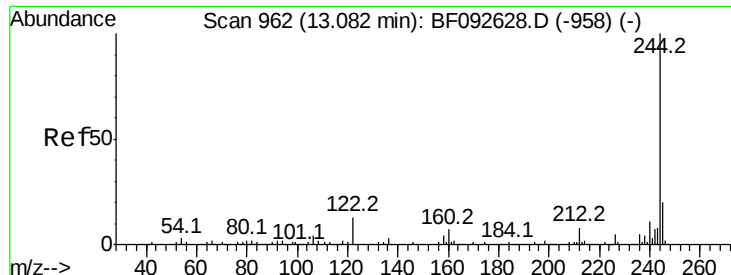
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

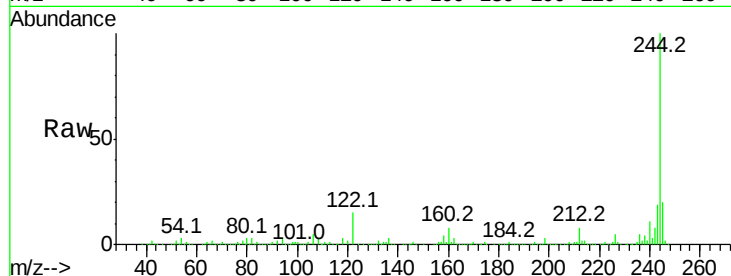


#78
 Terphenyl-d14
 Concen: 85.20 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

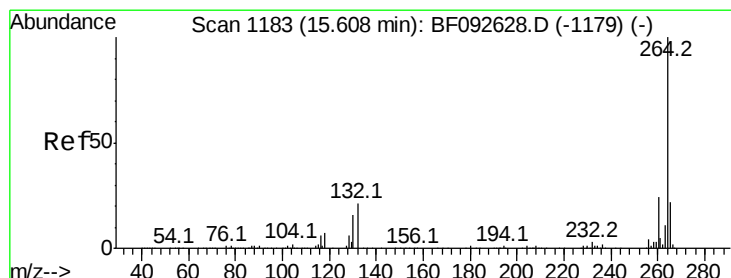
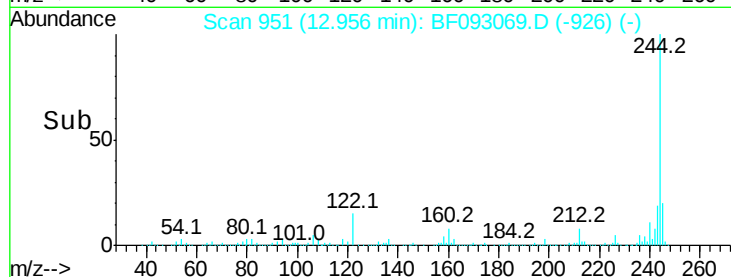
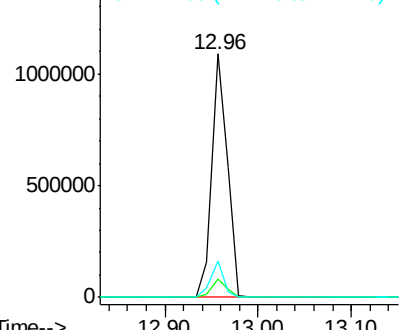
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1267809

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.7	11.4	17.2



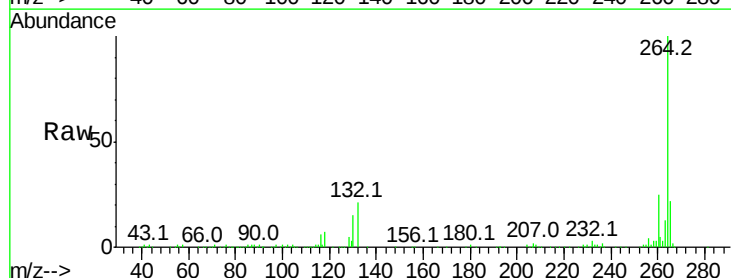
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093069.D
 Acq: 21 Feb 2017 11:46

Tgt Ion:264 Resp: 291821

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.4	26.0



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

