

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092683.D
 Acq On : 31 Jan 2017 16:18
 Operator : SJ/MA
 Sample : PB96561BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BL

Quant Time: Jan 31 17:18:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

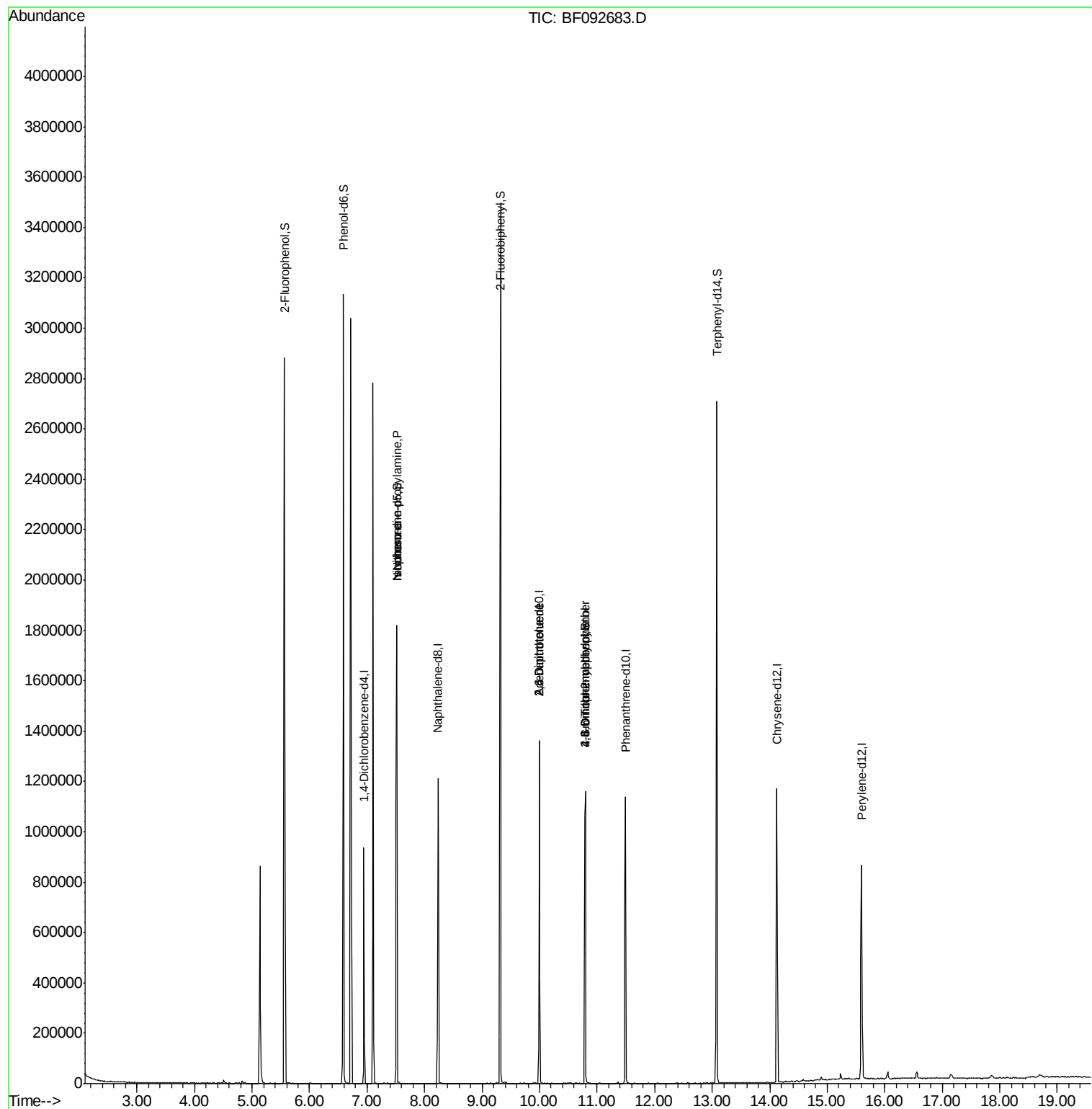
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	132126	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	529035	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	312941	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	511417	20.00	ng	0.00
75) Chrysene-d12	14.12	240	439349	20.00	ng	-0.02
86) Perylene-d12	15.60	264	389811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	797606	103.57	ng	-0.01
7) Phenol-d6	6.59	99	1150270	116.08	ng	-0.01
23) Nitrobenzene-d5	7.52	82	701745	73.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	196205	86.69	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1367805	79.18	ng	-0.01
78) Terphenyl-d14	13.08	244	1212775	64.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	90067	14.28	ng	# 77
25) Isophorone	7.52	82	689655	38.96	ng	# 65
50) 2,6-Dinitrotoluene	10.00	165	40551	8.91	ng	# 31
56) 2,4-Dinitrotoluene	10.00	165	40553	6.69	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	532	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13951	2.61	ng	# 1

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

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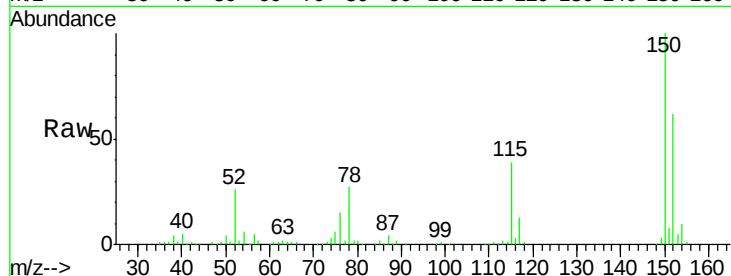


#1

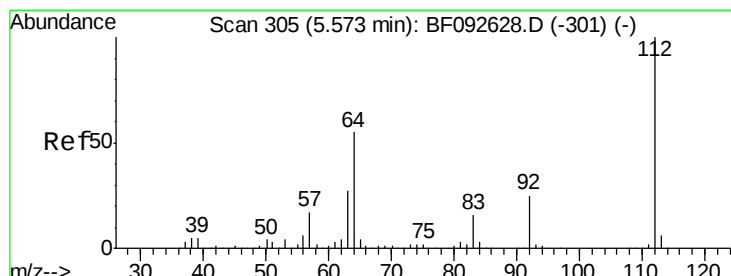
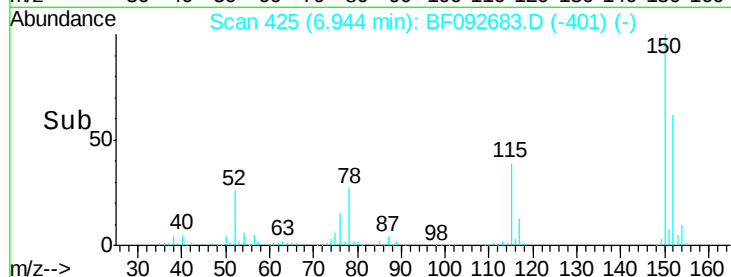
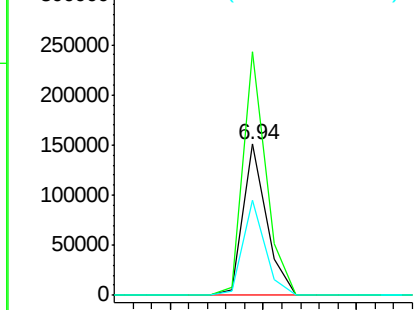
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96561BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.9	187.3
115	62.7	46.0	69.0



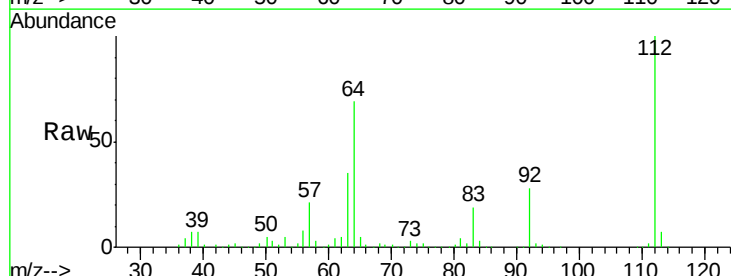
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



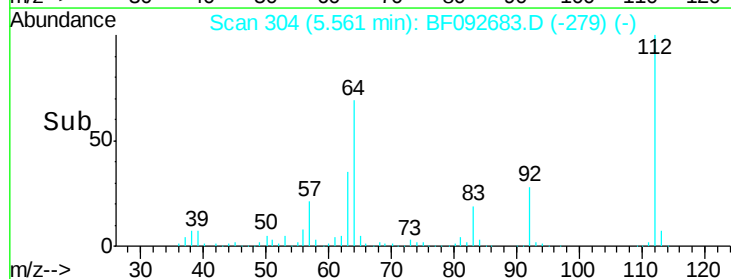
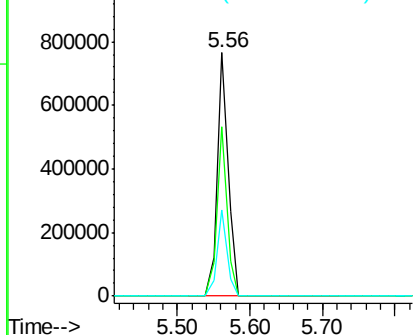
#5

2-Fluorophenol
Concen: 103.57 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	46.1	69.1#
63	35.2	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: 116.08 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96561BL

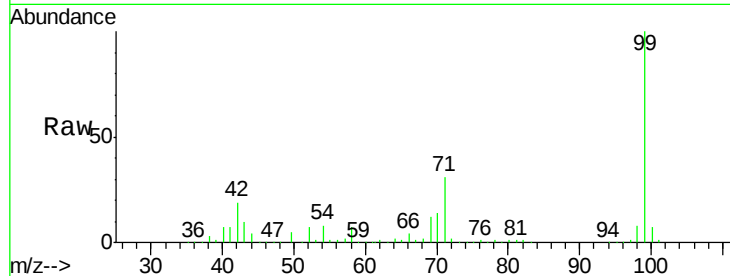
Tot Ion: 99 Resp: 1150270

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

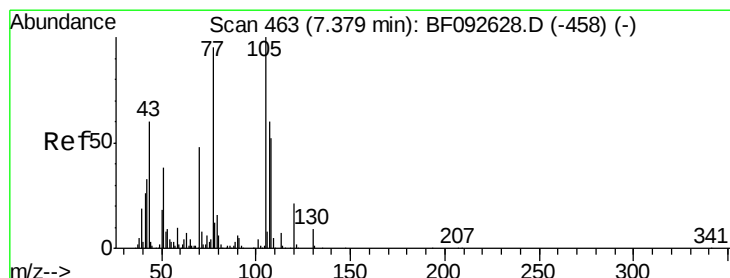
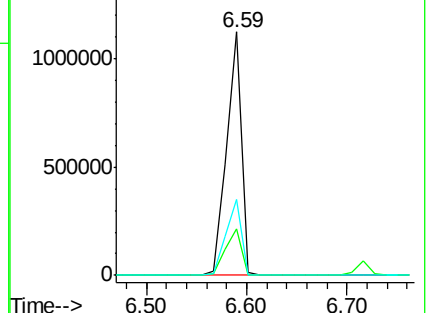
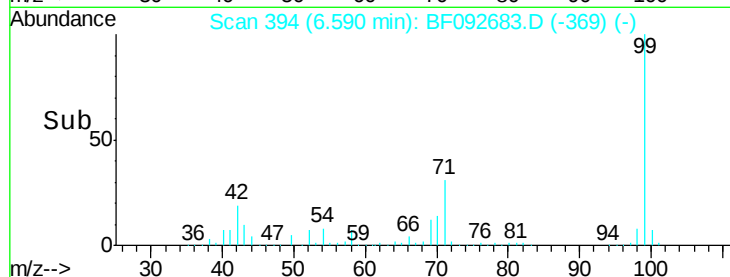
71 31.4 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.28 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Tgt Ion: 70 Resp: 90067

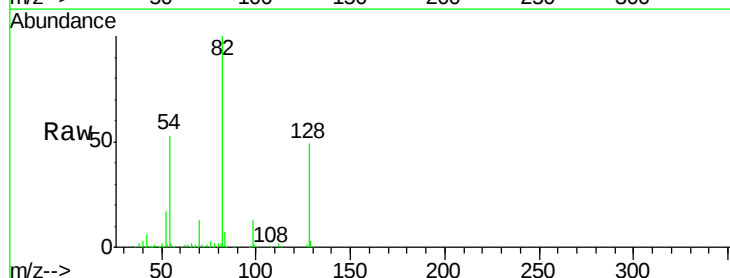
Ion Ratio Lower Upper

70 100

42 46.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

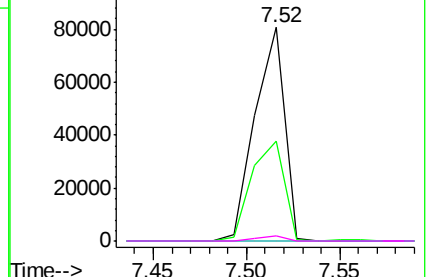
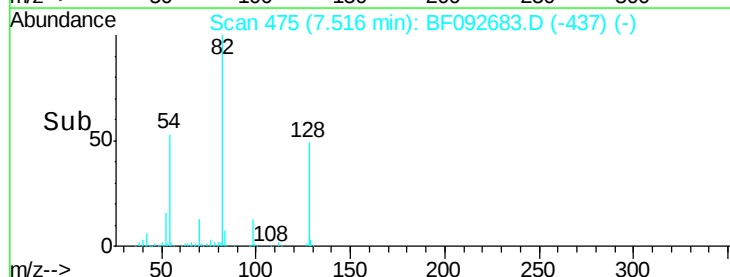


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

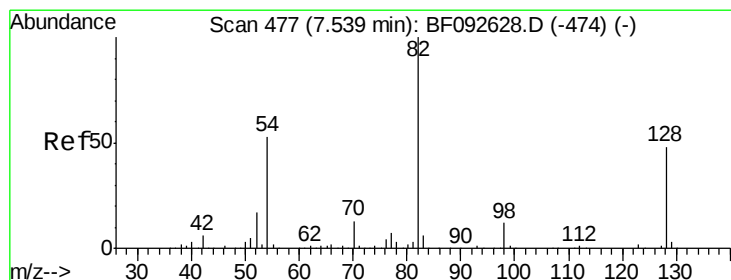
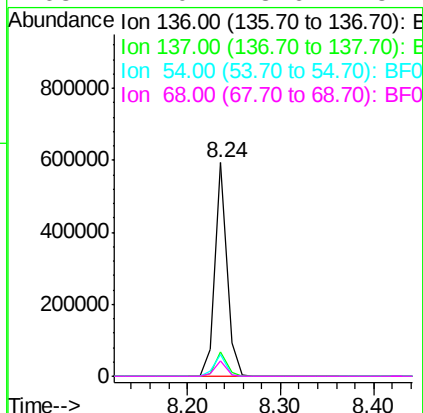
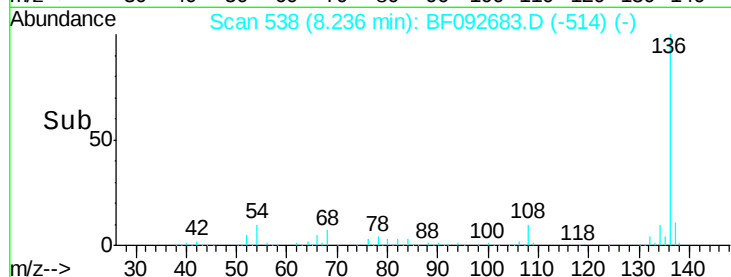
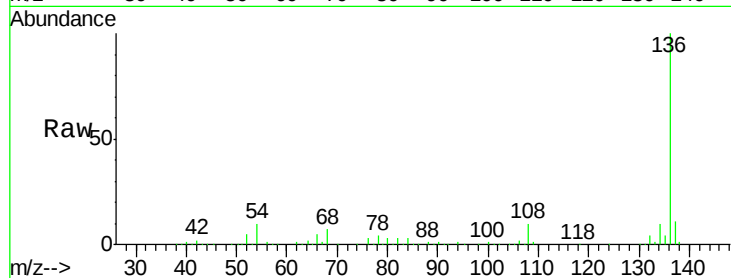




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

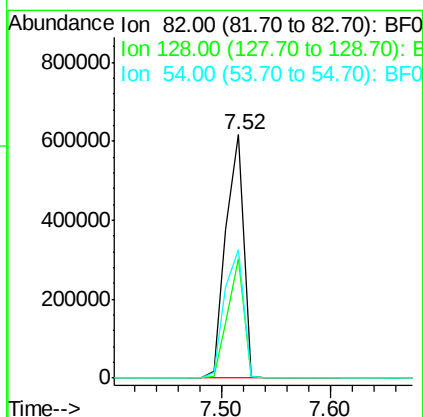
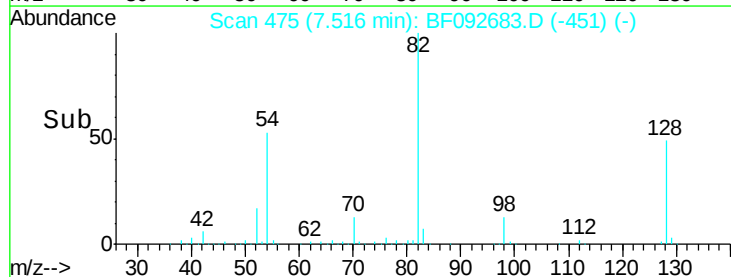
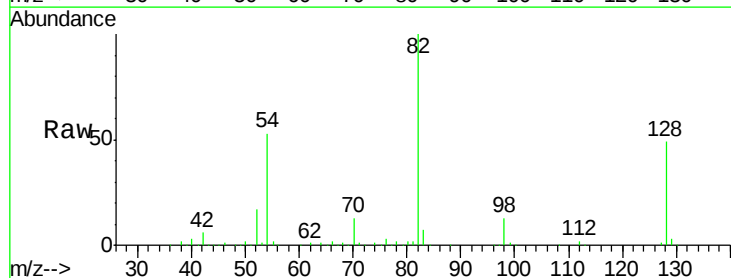
Instrument :
BNA_F
ClientSampleId :
PB96561BL

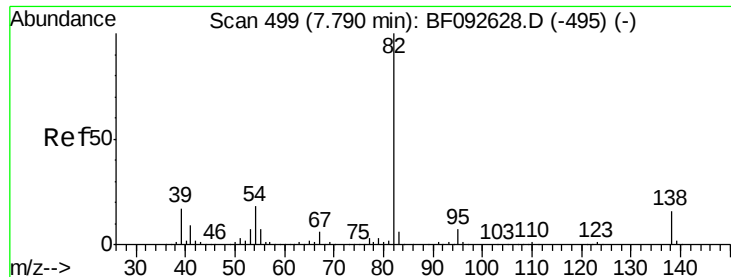
Tot Ion:136	Resp:	529035
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	10.1	4.5 6.7#
68	7.0	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 73.87 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion: 82	Resp:	701745
Ion Ratio	Lower	Upper
82	100	
128	48.9	34.6 52.0
54	52.7	39.5 59.3





#25

Isophorone

Concen: 38.96 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96561BL

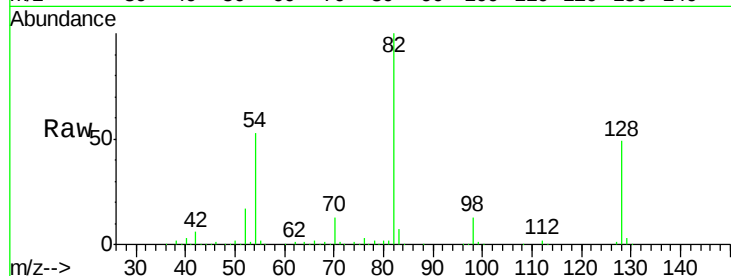
Tot Ion: 82 Resp: 689655

Ion Ratio Lower Upper

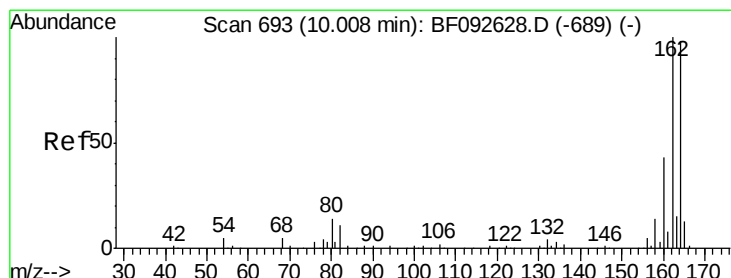
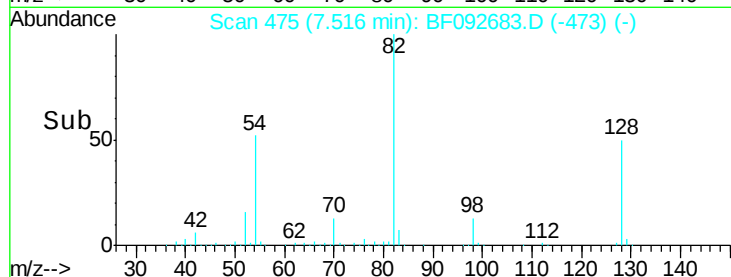
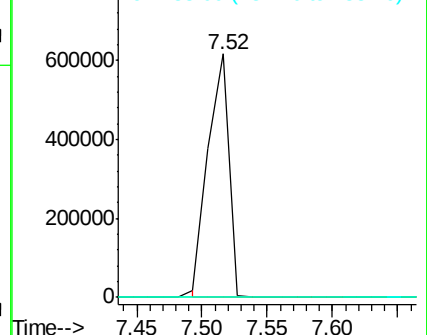
82 100

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: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

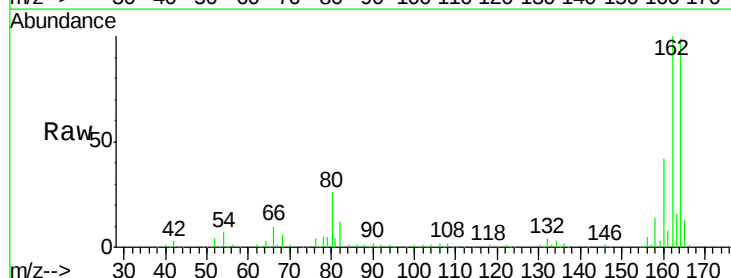
Tgt Ion: 164 Resp: 312941

Ion Ratio Lower Upper

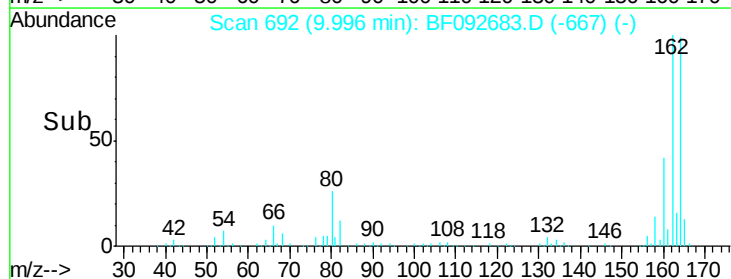
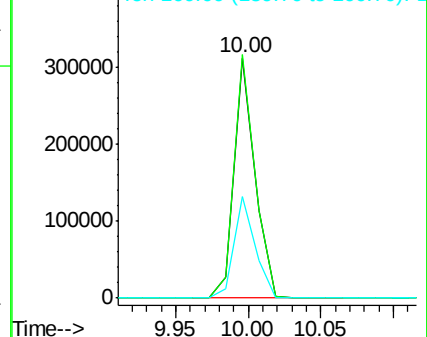
164 100

162 101.4 80.2 120.2

160 42.5 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

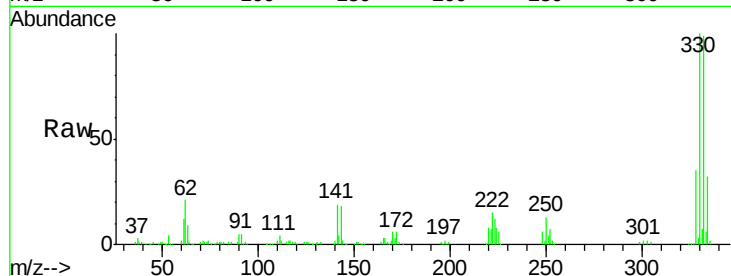




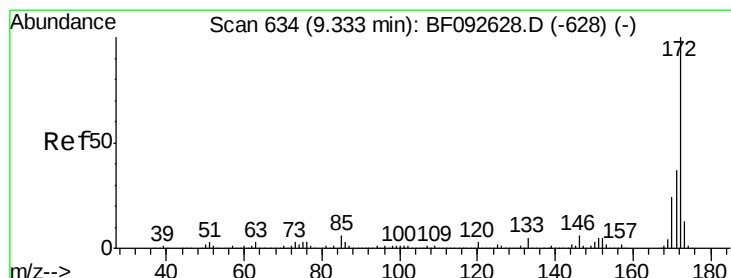
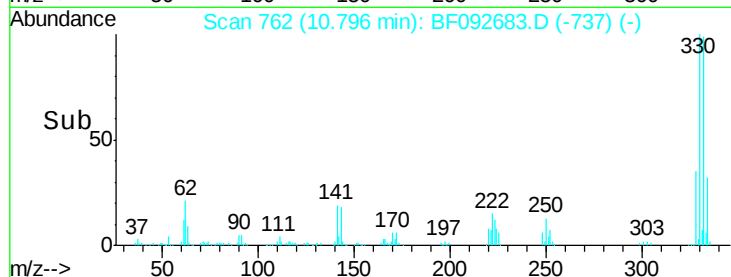
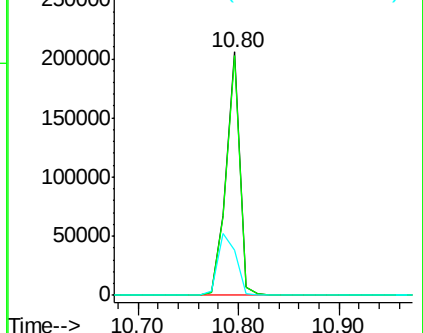
#41
 2,4,6-Tribromophenol
 Concen: 86.69 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	33.6	34.1	51.1#

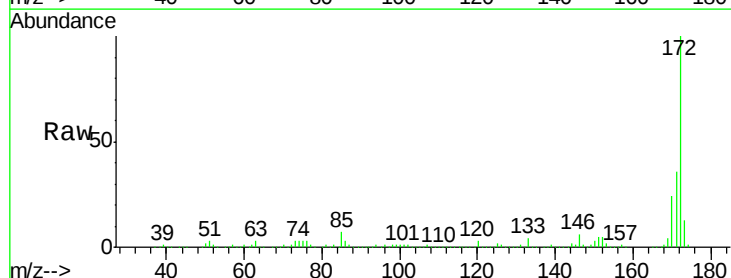


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

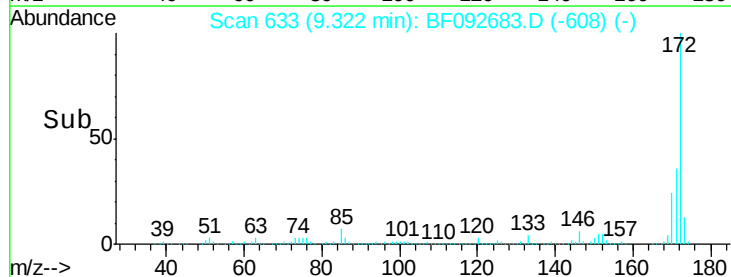
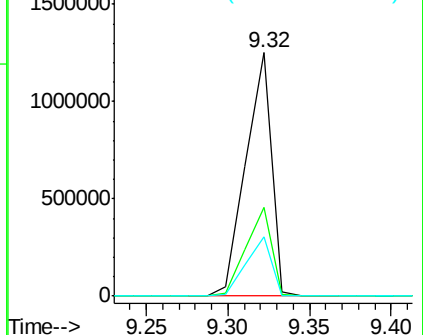


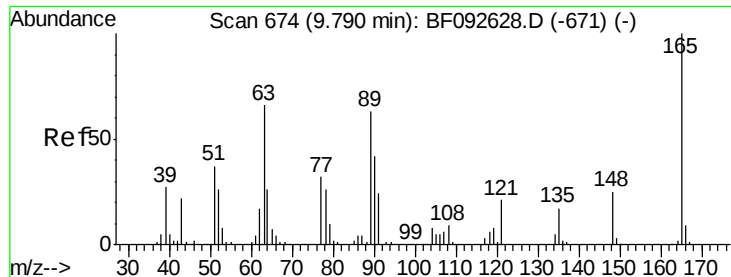
#44
 2-Fluorobiphenyl
 Concen: 79.18 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.1	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

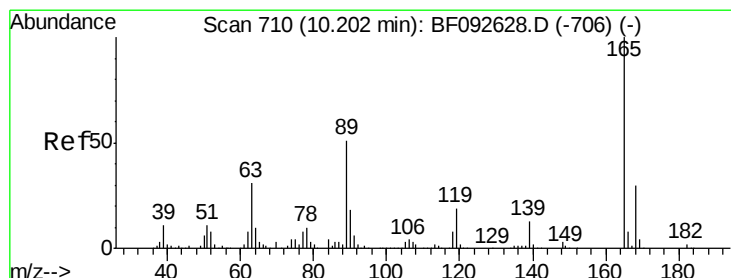
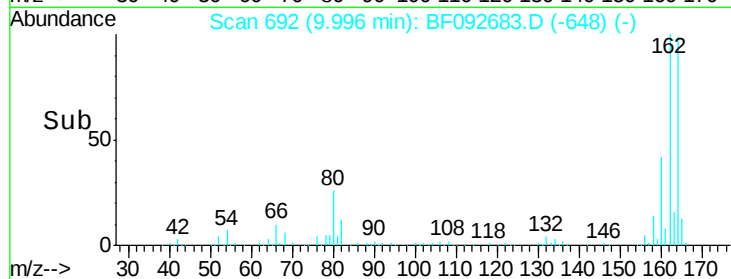
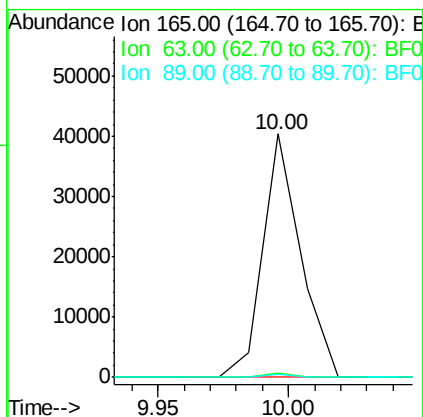
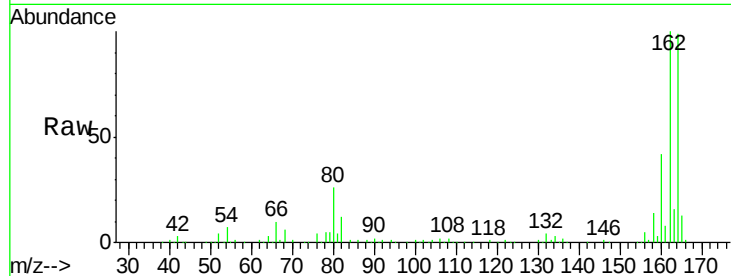




#50
2,6-Dinitrotoluene
Concen: 8.91 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.21 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

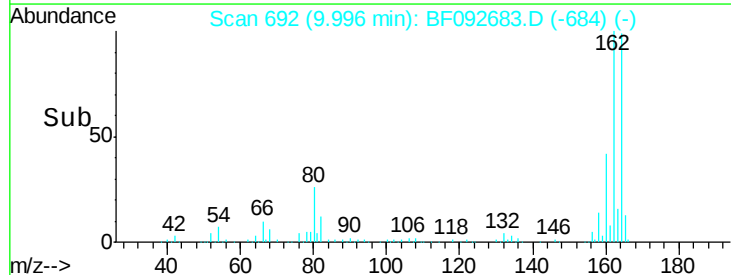
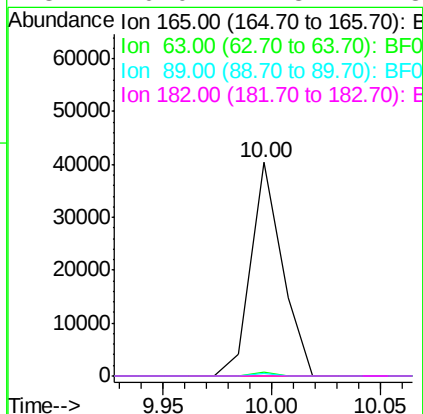
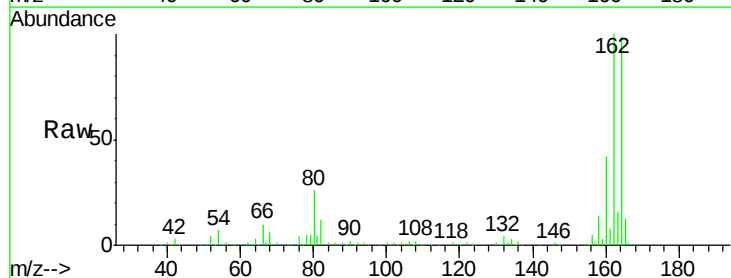
Instrument :
BNA_F
ClientSampled :
PB96561BL

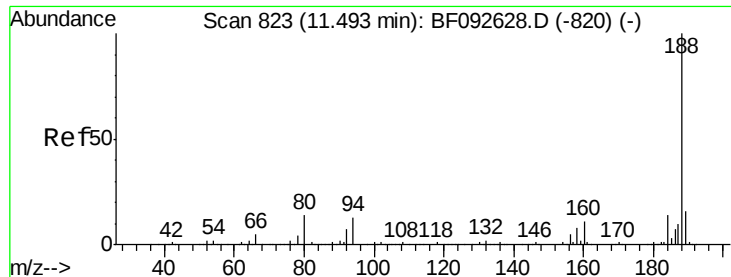
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.0	40.2	60.4#



#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

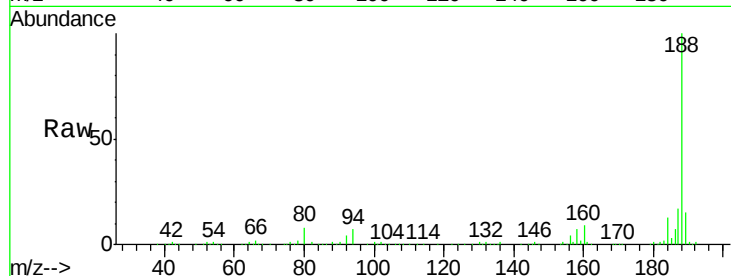




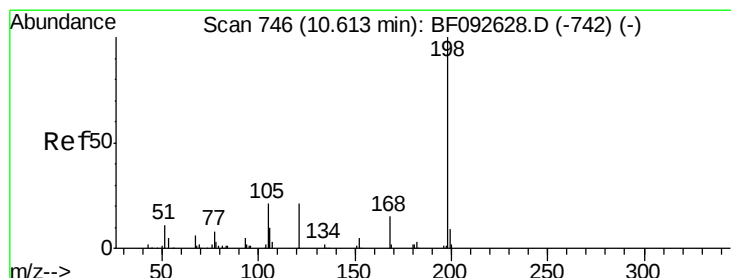
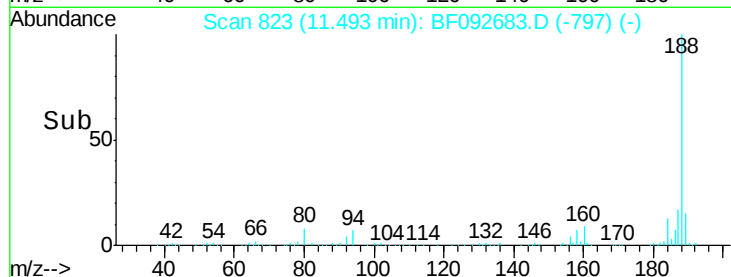
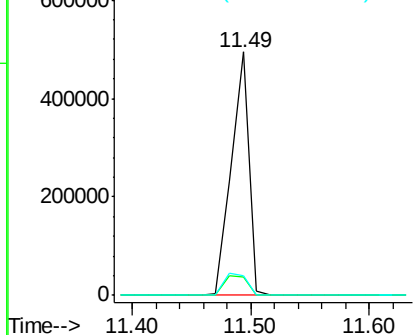
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96561BL

Tot Ion:188 Resp: 511417
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.9 11.2 16.8#

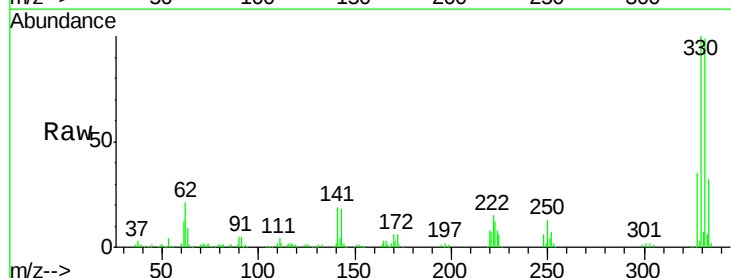


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

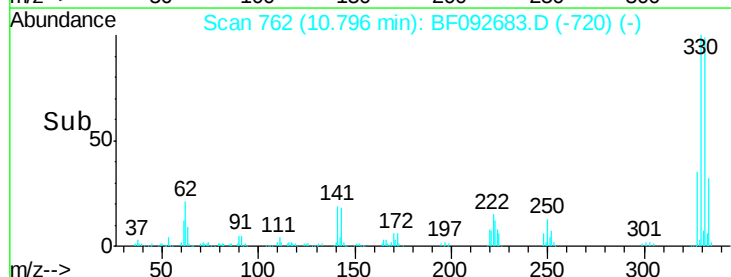
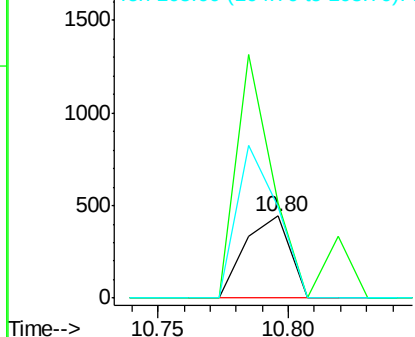


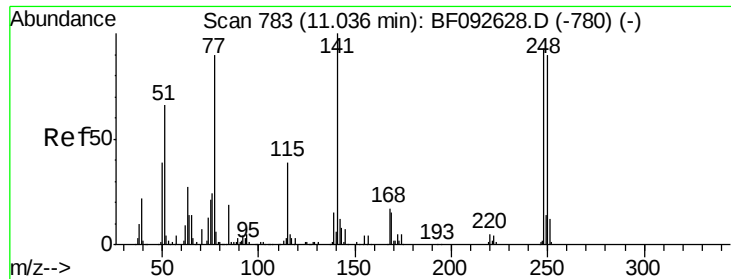
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion:198 Resp: 532
Ion Ratio Lower Upper
198 100
51 116.5 6.7 46.7#
105 112.2 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

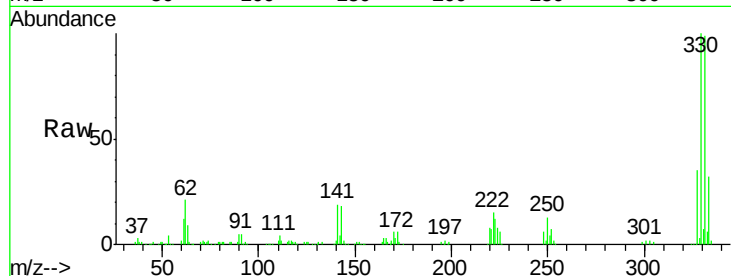




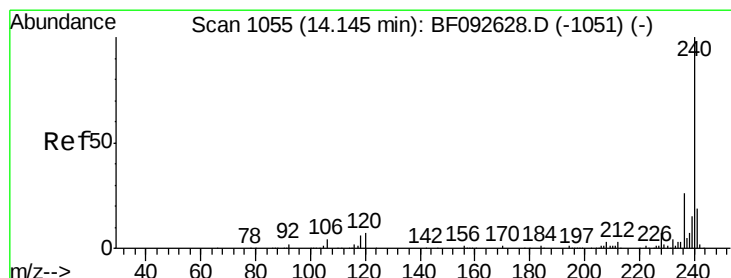
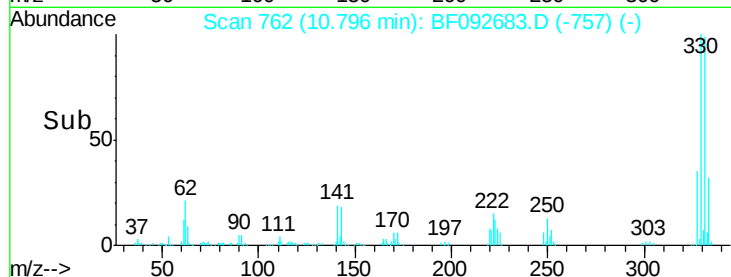
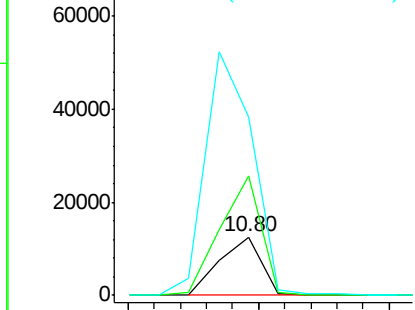
#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96561BL

Tot Ion:248 Resp: 13951
Ion Ratio Lower Upper
248 100
250 206.0 76.9 115.3#
141 306.1 68.2 102.4#

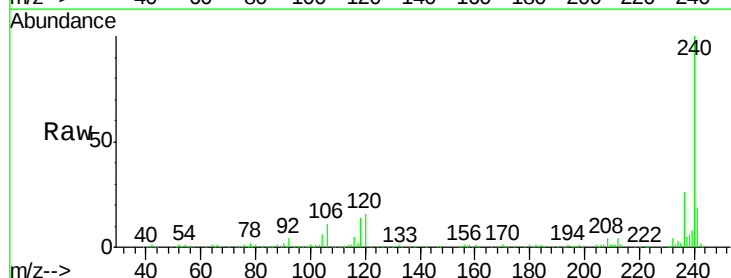


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

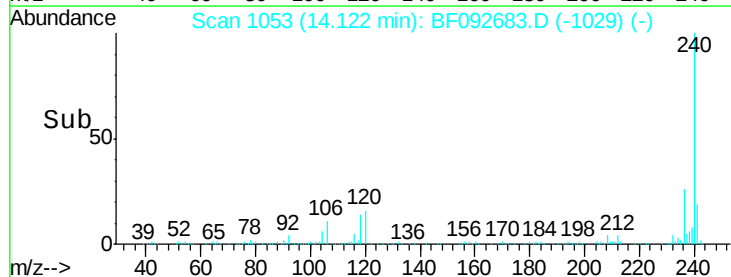
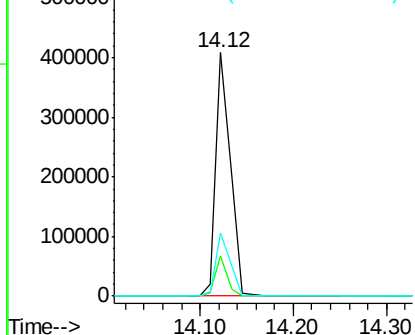


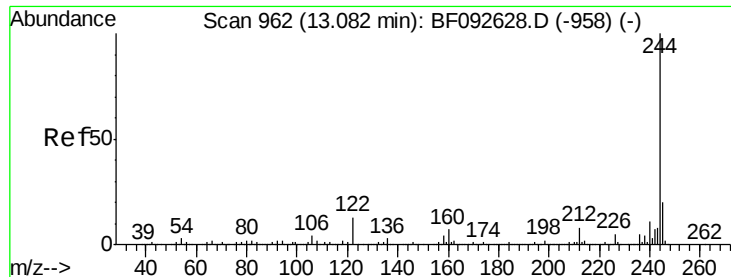
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion:240 Resp: 439349
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 25.8 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





#78

Terphenyl-d14

Concen: 64.86 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96561BL

Tot Ion:244 Resp: 1212775

Ion Ratio Lower Upper

244 100

212 6.8

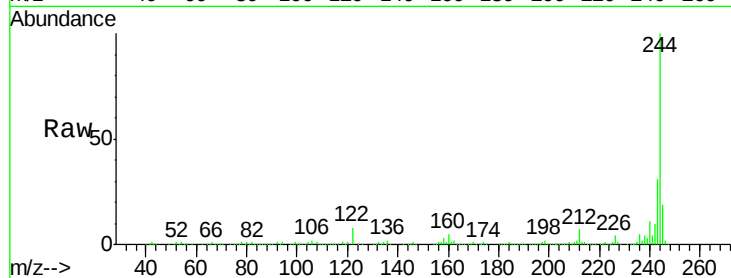
6.2

9.2

122 7.5

11.4

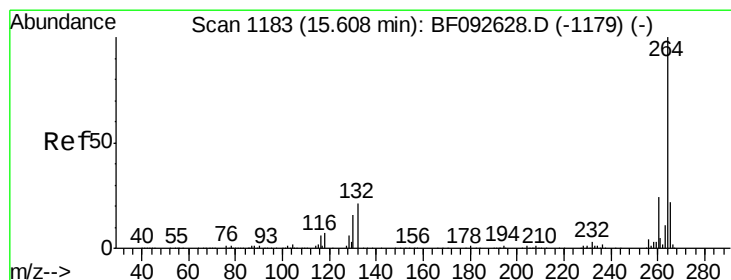
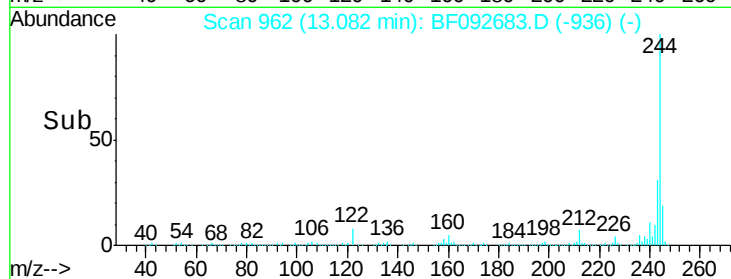
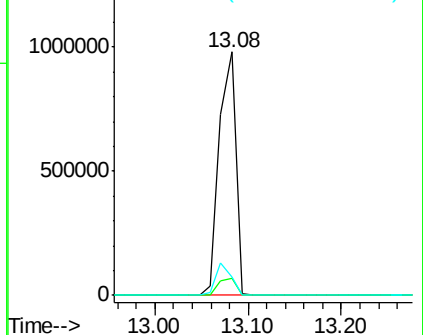
17.2#



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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Tgt Ion:264 Resp: 389811

Ion Ratio Lower Upper

264 100

260 24.0

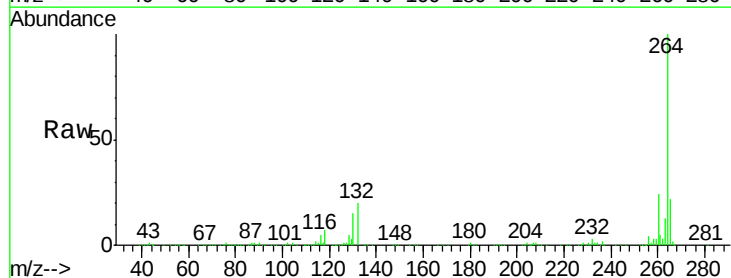
19.2

28.8

265 21.9

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

