

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092962.D
 Acq On : 15 Feb 2017 20:25
 Operator : SJ/MA
 Sample : I1838-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:32:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

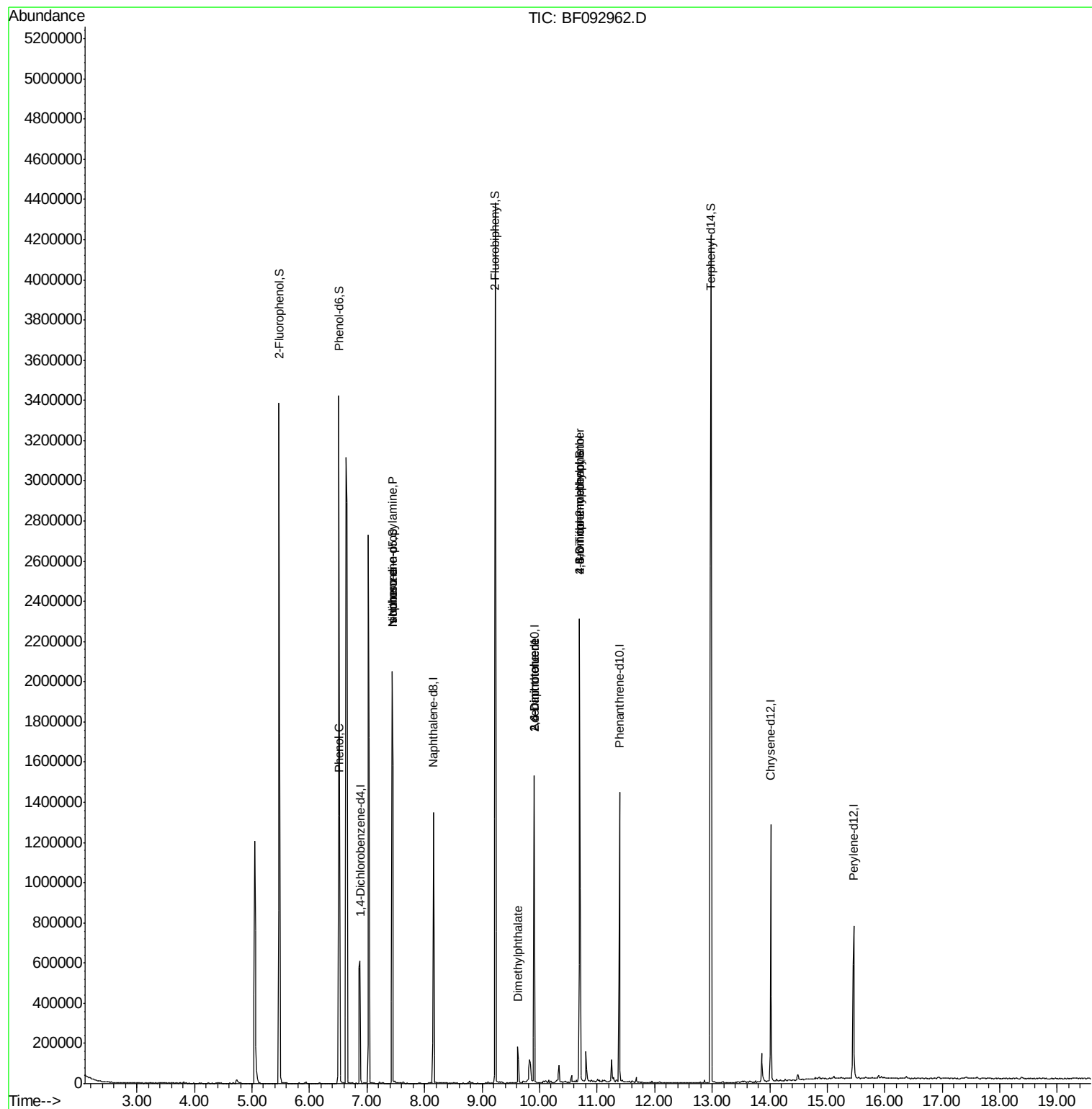
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137734	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	575320	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	312574	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	548267	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	452847	20.00	ng	-0.03
86) Perylene-d12	15.46	264	373663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1194858	148.83	ng	-0.01
7) Phenol-d6	6.51	99	1425560	138.01	ng	-0.02
23) Nitrobenzene-d5	7.44	82	955041	92.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	340825	150.76	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1517238	87.94	ng	-0.01
78) Terphenyl-d14	12.98	244	1588897	82.44	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	90214	7.46	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.44	70	121315	18.45	ng	# 83
25) Isophorone	7.44	82	859039	44.62	ng	# 65
49) Dimethylphthalate	9.62	163	98017	4.66	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	40123	8.82	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	40125	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	414	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	23108	4.03	ng	# 1

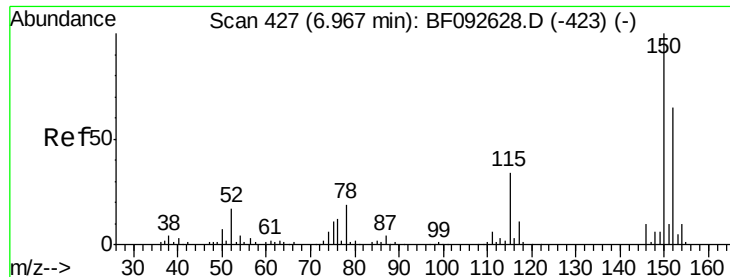
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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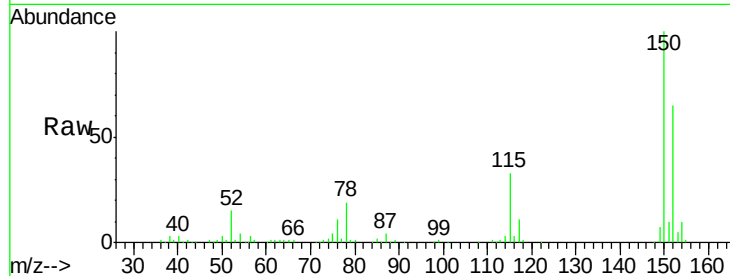


#1

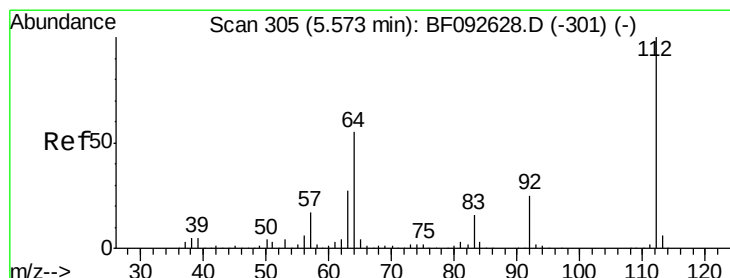
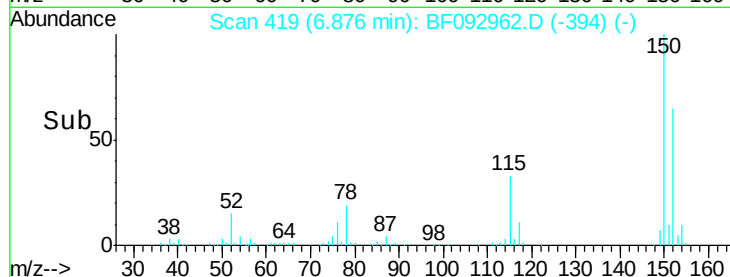
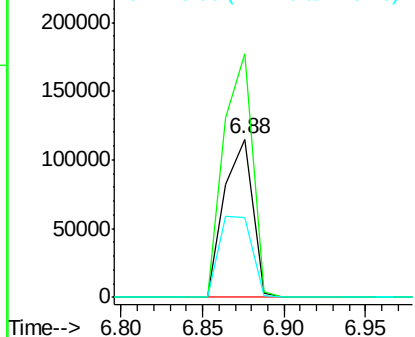
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137734
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 50.4 46.0 69.0



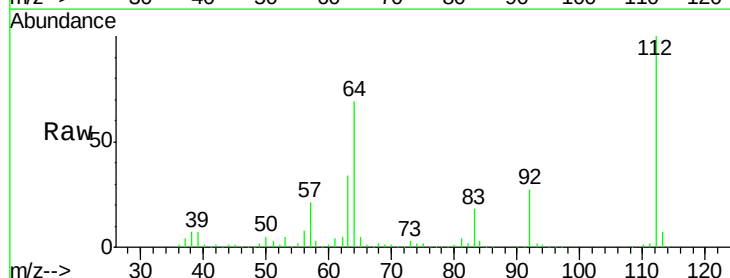
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



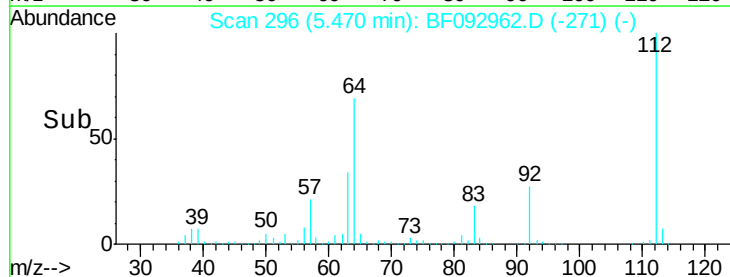
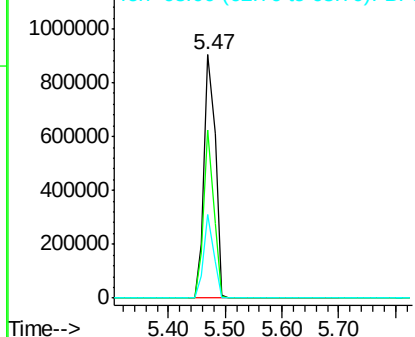
#5

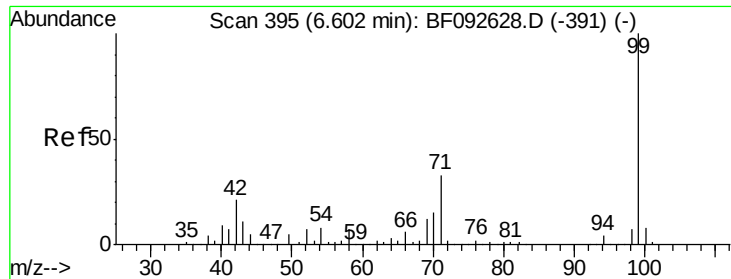
2-Fluorophenol
Concen: 148.83 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Tgt Ion:112 Resp: 1194858
Ion Ratio Lower Upper
112 100
64 69.0 46.1 69.1
63 34.2 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: 138.01 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

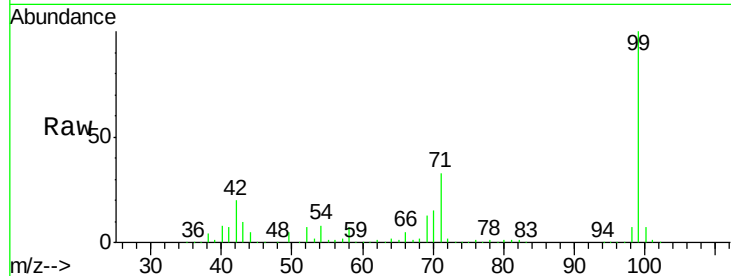
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1425560

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	33.1	27.5	41.3

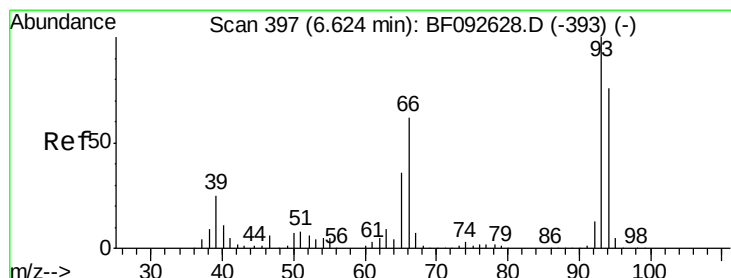
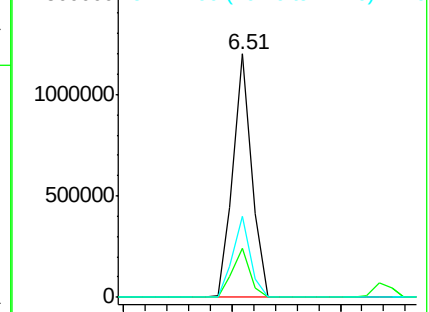
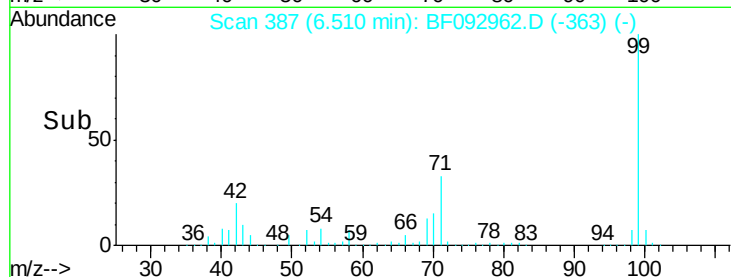


Abundance

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: 7.46 ng

RT: 6.52 min Scan# 388

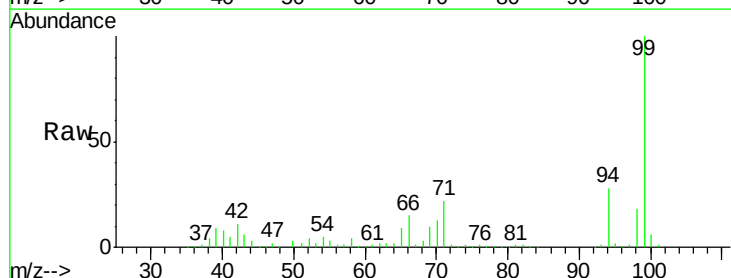
Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Tgt Ion: 94 Resp: 90214

Ion	Ratio	Lower	Upper
94	100		
65	32.3	21.4	61.4
66	52.0	44.0	84.0

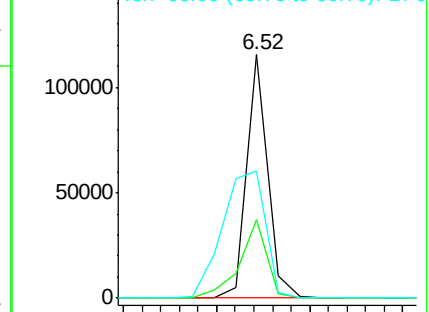
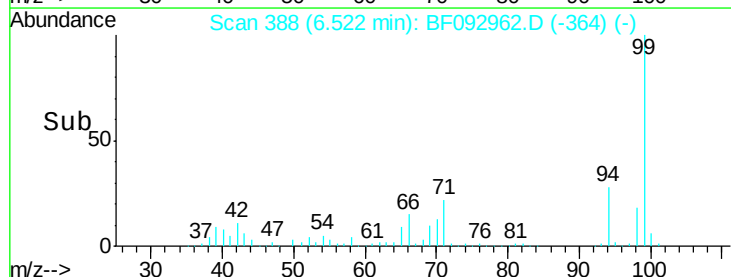


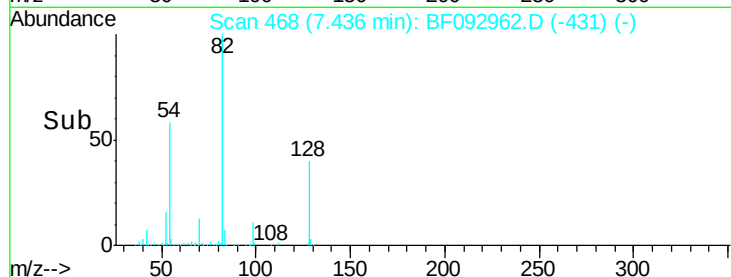
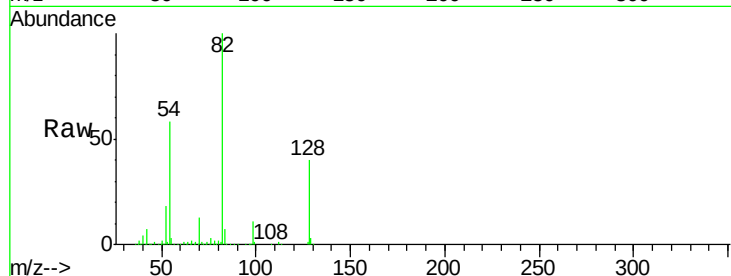
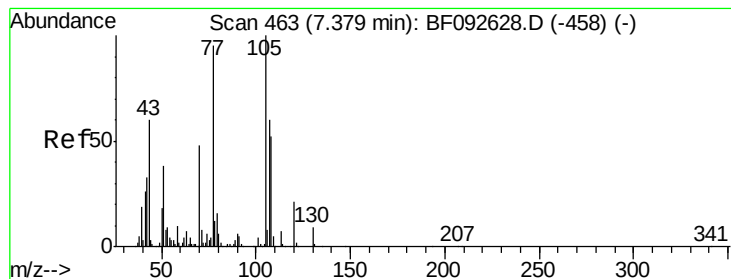
Abundance

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: 18.45 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092962.D

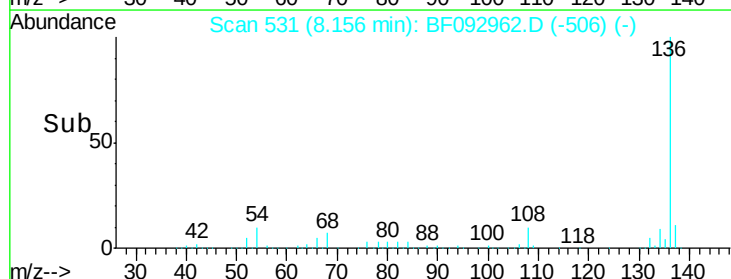
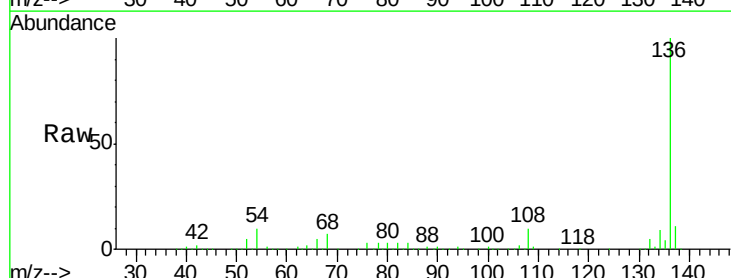
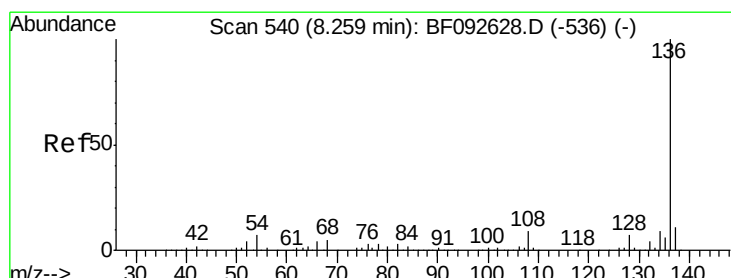
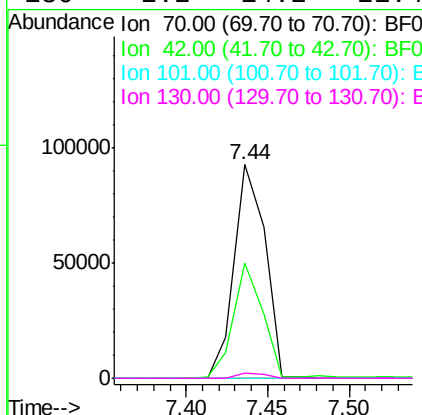
Acq: 15 Feb 2017 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	121315
Ion	Ratio	Lower	Upper
70	100		
42	53.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

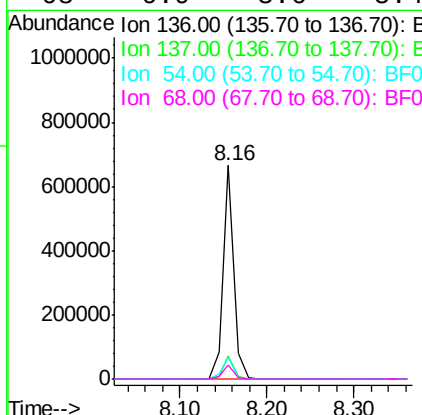
RT: 8.16 min Scan# 531

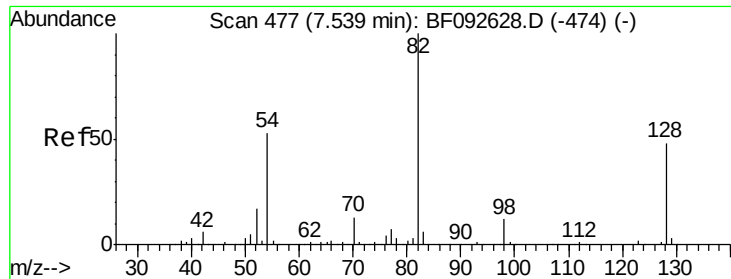
Delta R.T. -0.01 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Tgt Ion:	136	Resp:	575320
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.0	4.5	6.7#
68	6.9	3.6	5.4#

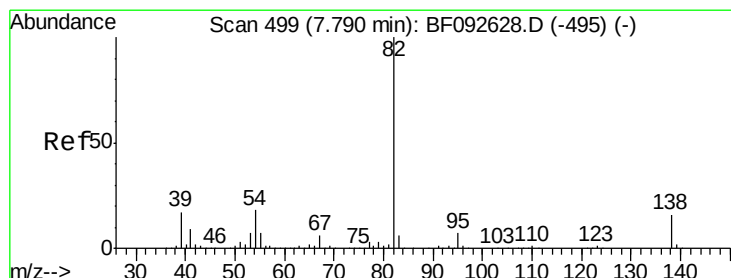
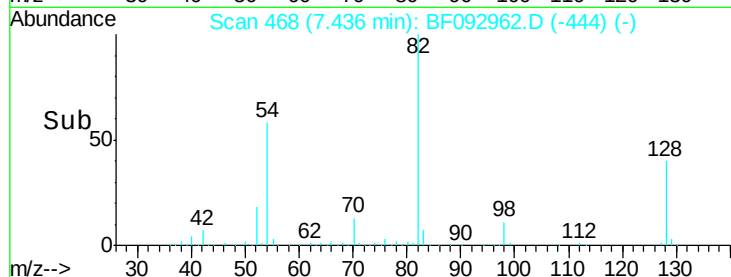
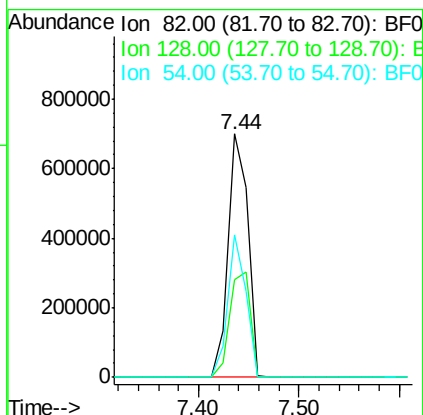
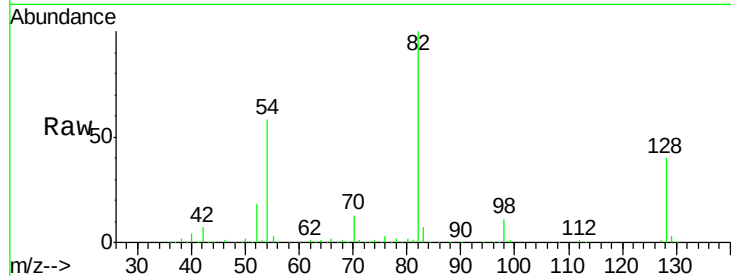




#23
 Nitrobenzene-d5
 Concen: 92.44 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092962.D
 Acq: 15 Feb 2017 20:25

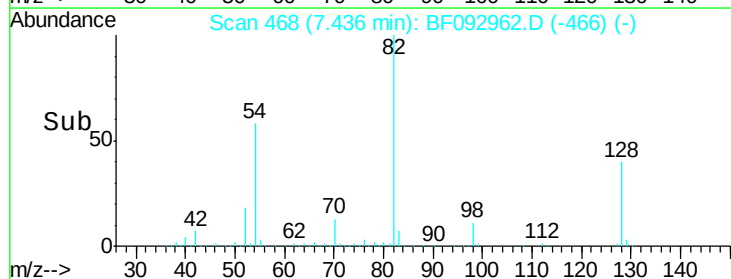
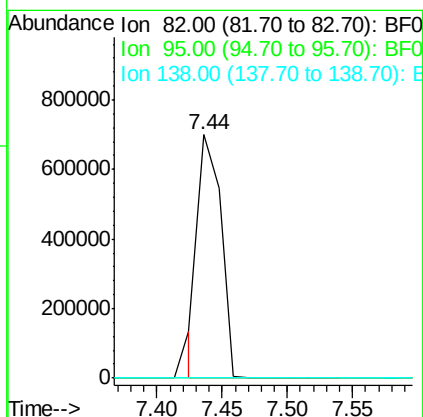
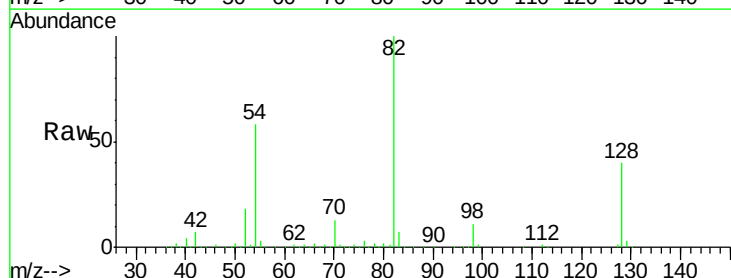
Instrument :
 BNA_F
 ClientSampled :

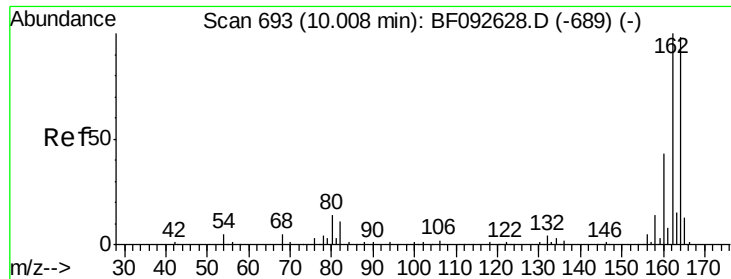
Tot Ion	82	Resp	955041
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.6	52.0
54	58.3	39.5	59.3



#25
 Isophorone
 Concen: 44.62 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF092962.D
 Acq: 15 Feb 2017 20:25

Tgt Ion	82	Resp	859039
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Instrument :

BNA_F

ClientSampled :

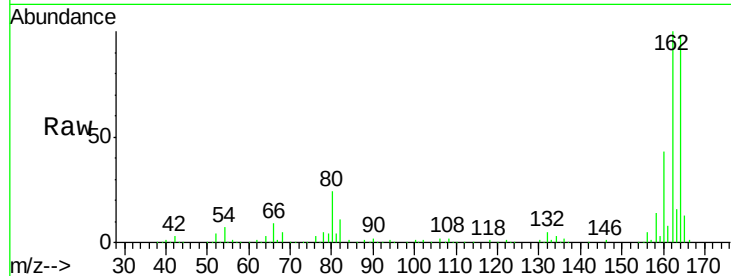
Tot Ion:164 Resp: 312574

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

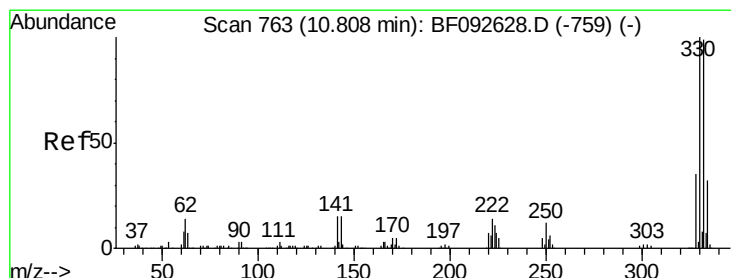
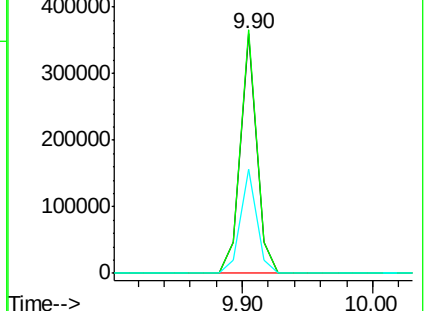
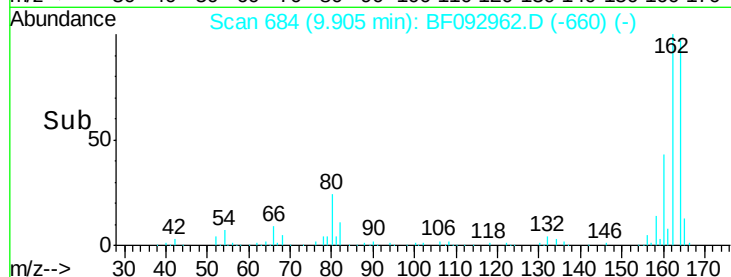
160 43.3 36.9 55.3



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: 150.76 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

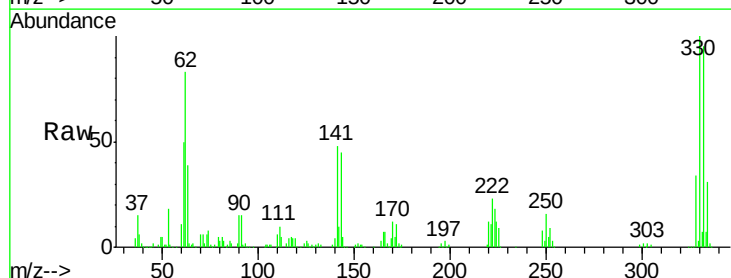
Tgt Ion:330 Resp: 340825

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

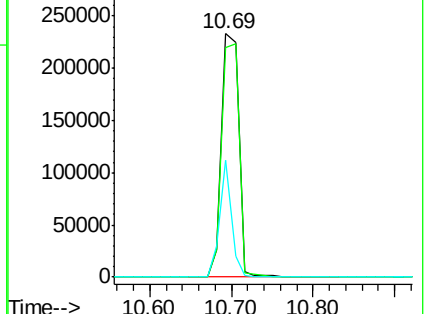
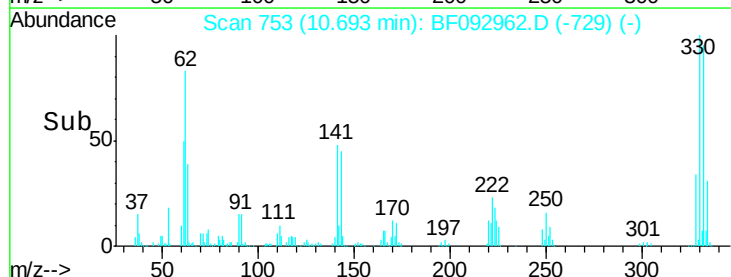
141 33.1 34.1 51.1#

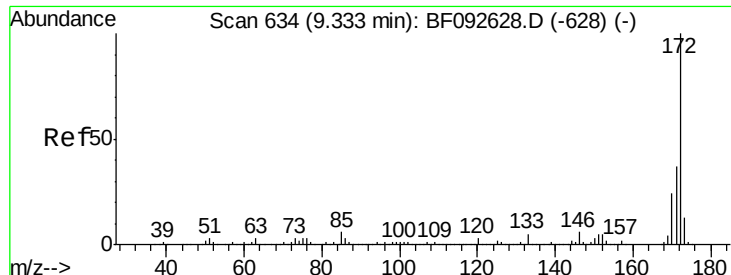


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

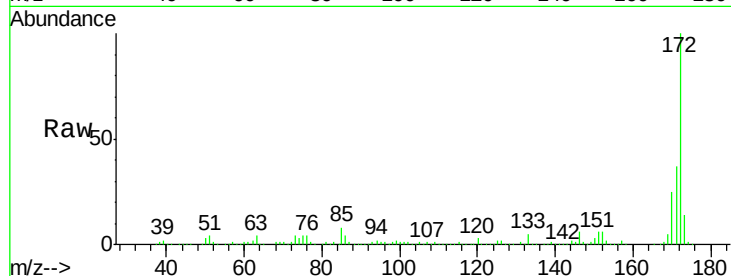




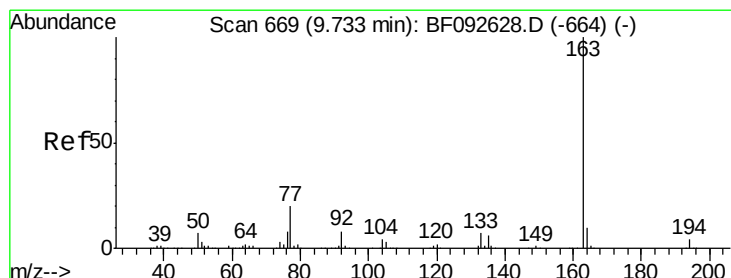
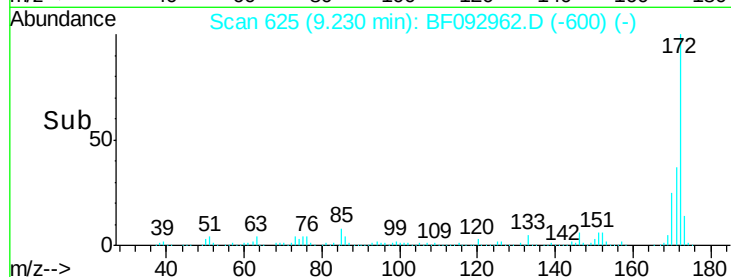
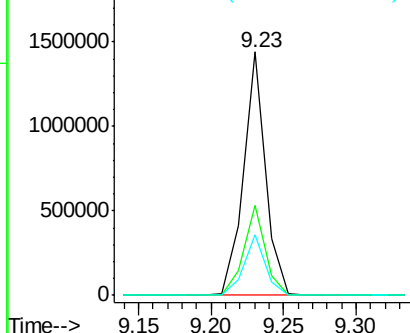
#44
2-Fluorobiphenyl
Concen: 87.94 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1517238
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.8 20.2 30.4

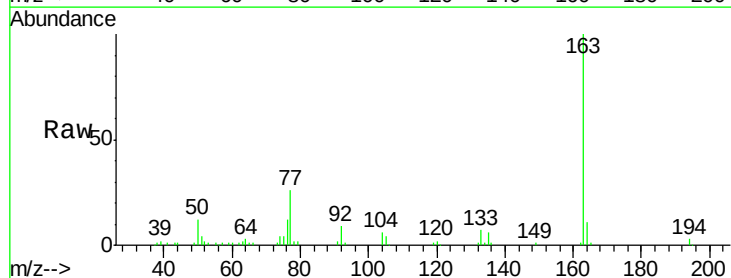


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

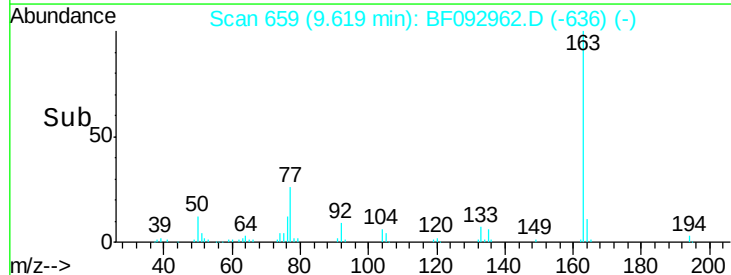
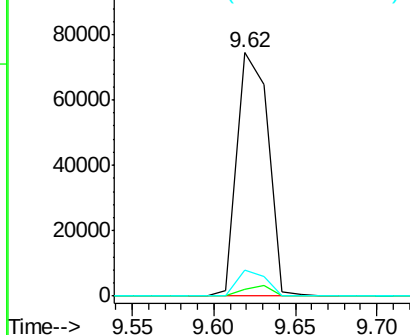


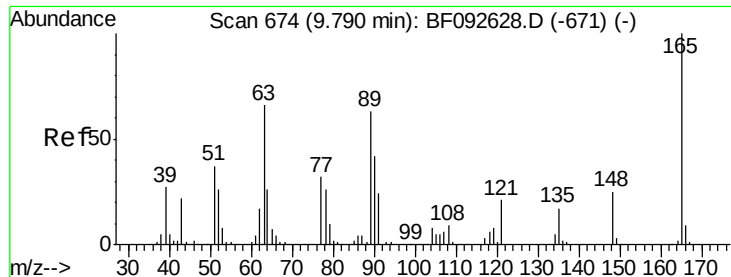
#49
Dimethylphthalate
Concen: 4.66 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Tgt Ion:163 Resp: 98017
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

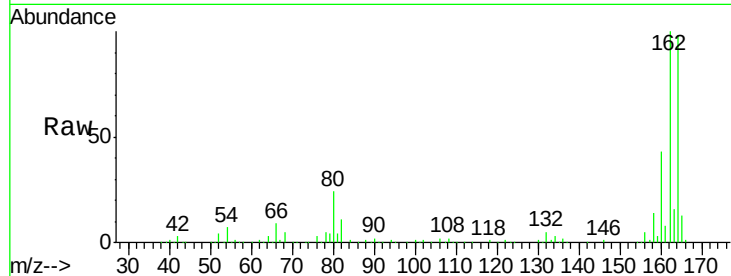




#50
2,6-Dinitrotoluene
Concen: 8.82 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Instrument :
BNA_F
ClientSampleId :

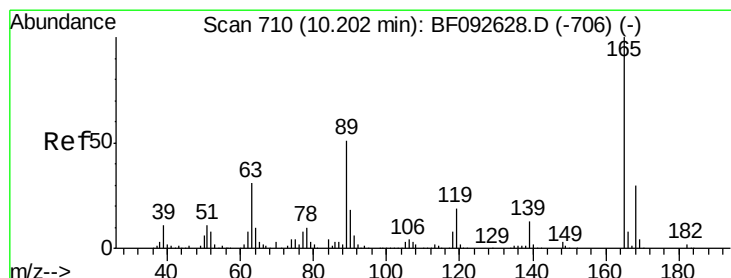
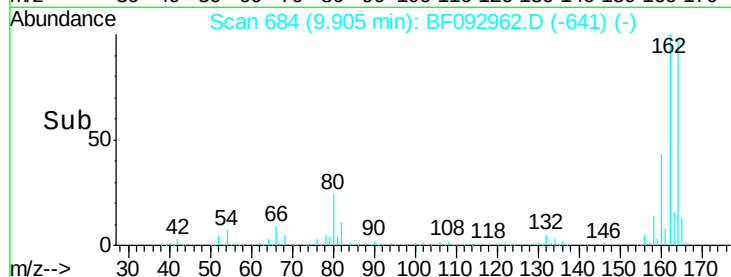
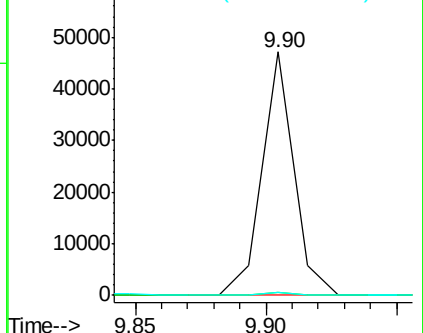
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

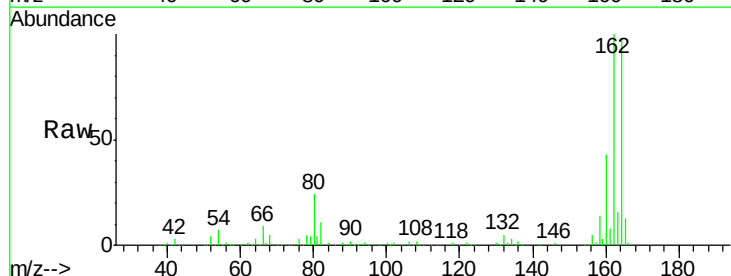
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

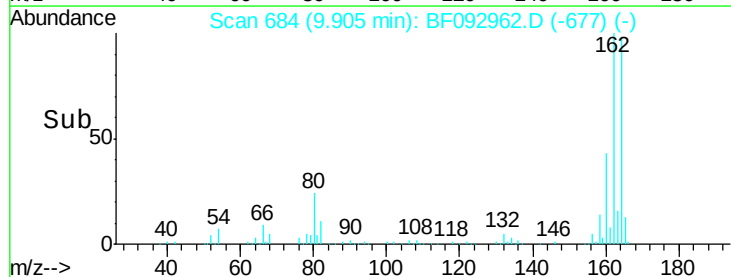
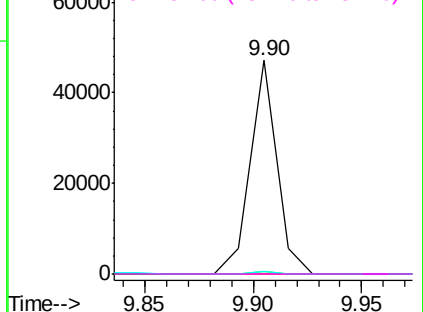


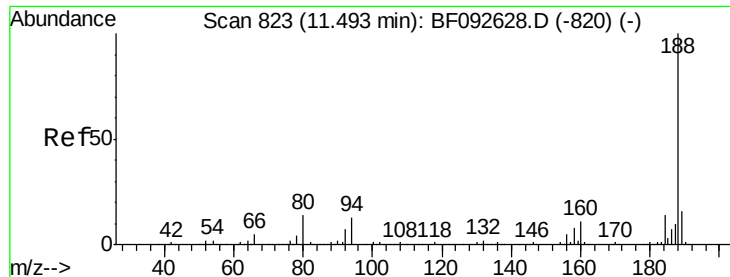
Abundance Ion 165.00 (164.70 to 165.70): E

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

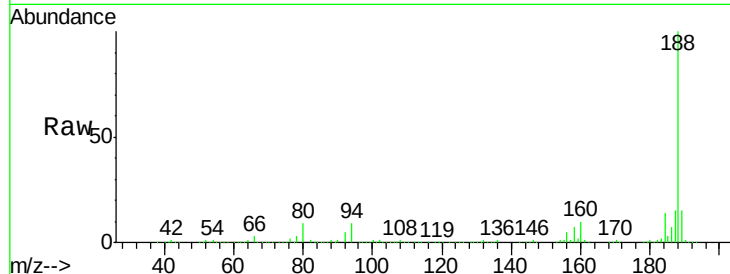




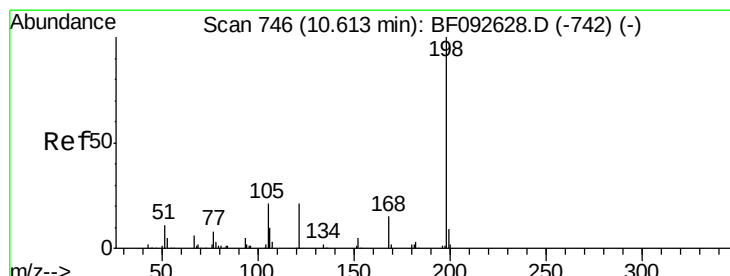
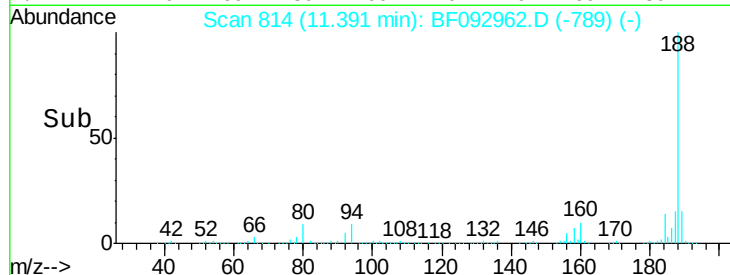
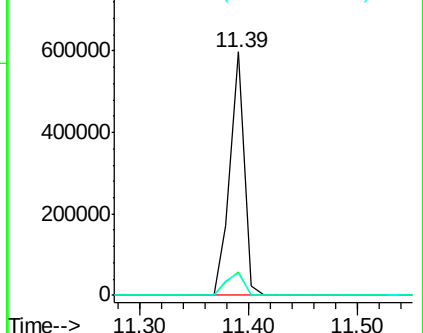
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 548267
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 9.3 11.2 16.8#

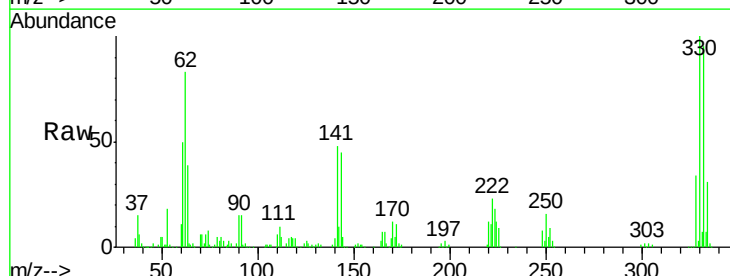


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

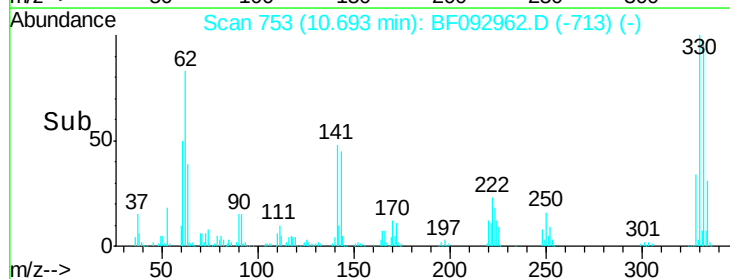
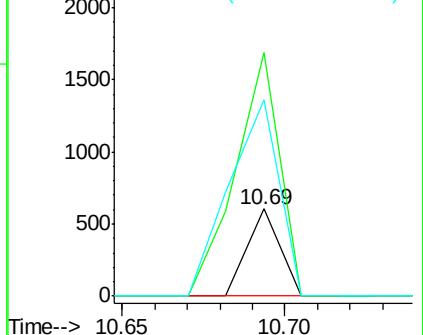


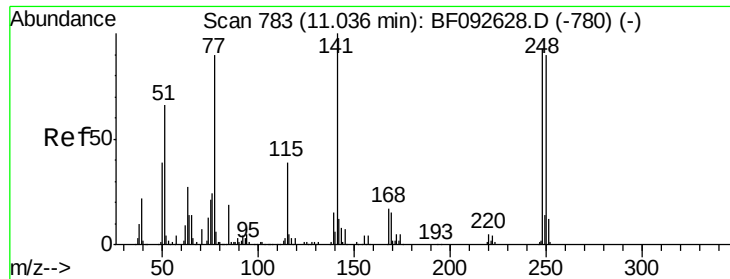
#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092962.D
Acq: 15 Feb 2017 20:25

Tgt Ion:198 Resp: 414
Ion Ratio Lower Upper
198 100
51 279.6 6.7 46.7#
105 225.7 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: 4.03 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Instrument :

BNA_F

ClientSampled :

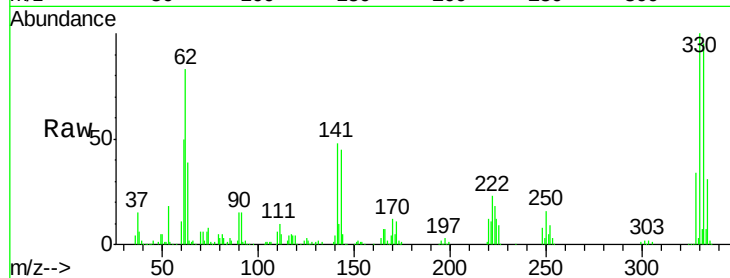
Tot Ion:248 Resp: 23108

Ion Ratio Lower Upper

248 100

250 193.0 76.9 115.3#

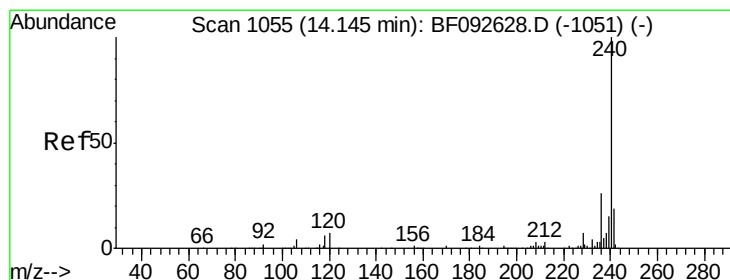
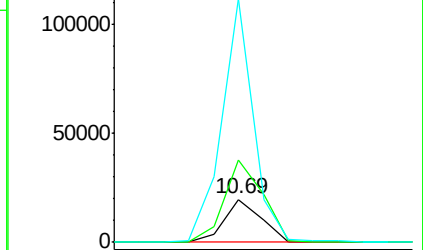
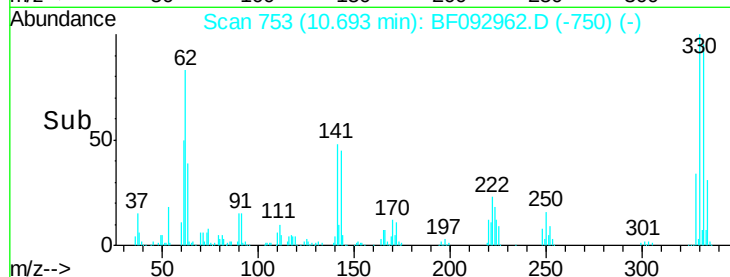
141 570.7 68.2 102.4#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

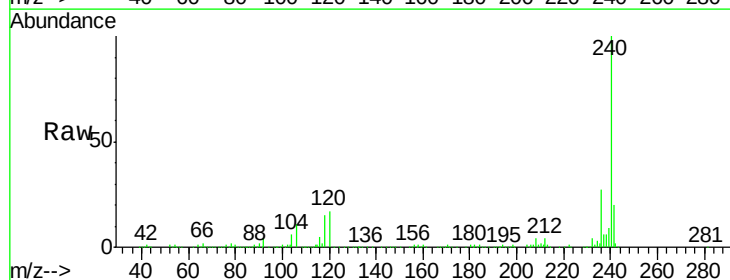
Tgt Ion:240 Resp: 452847

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

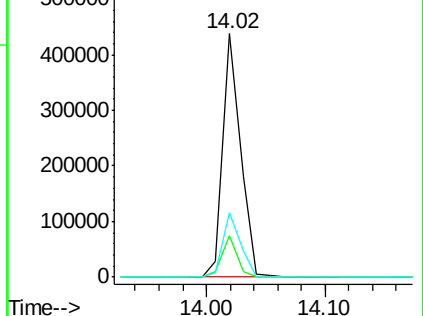
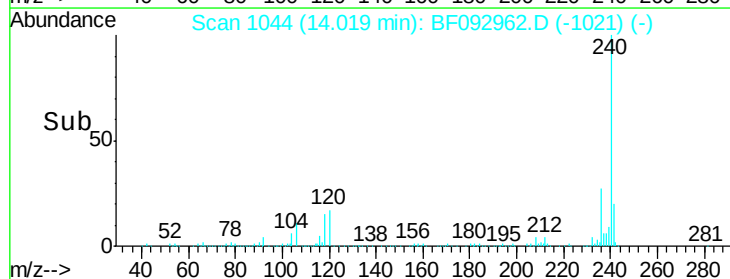
236 26.6 20.9 31.3

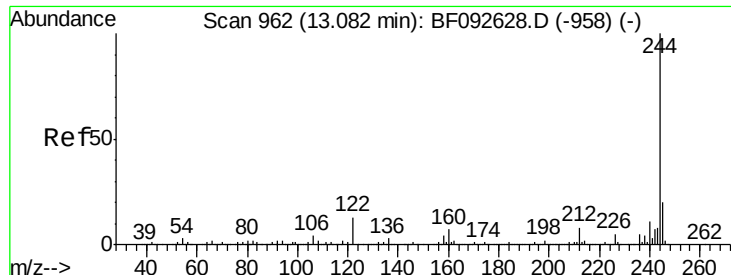


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

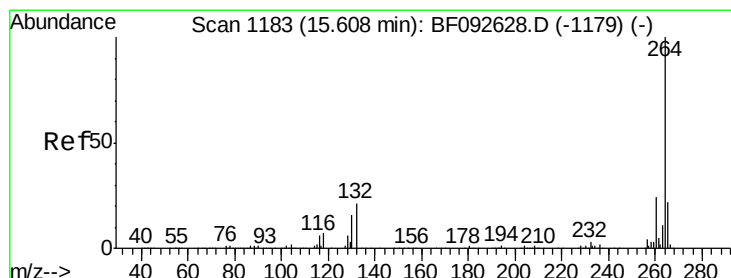
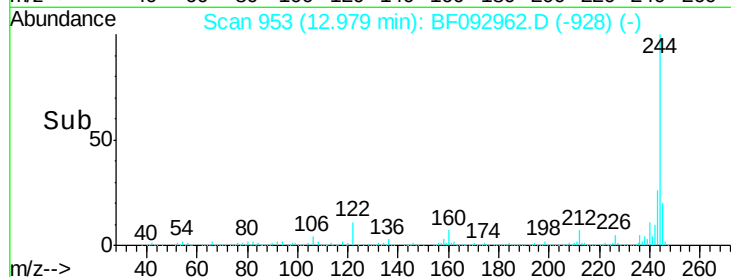
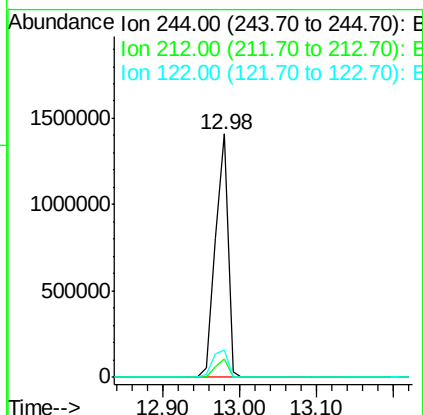
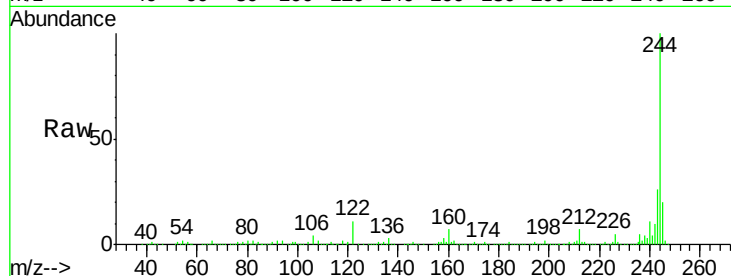




#78
 Terphenyl-d14
 Concen: 82.44 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092962.D
 Acq: 15 Feb 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1588897
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092962.D
 Acq: 15 Feb 2017 20:25

Tgt Ion:264 Resp: 373663
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 17.4 26.0

