

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092783.D
 Acq On : 3 Feb 2017 18:53
 Operator : SJ/MA
 Sample : PB96697BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BL

Quant Time: Feb 03 22:12:26 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

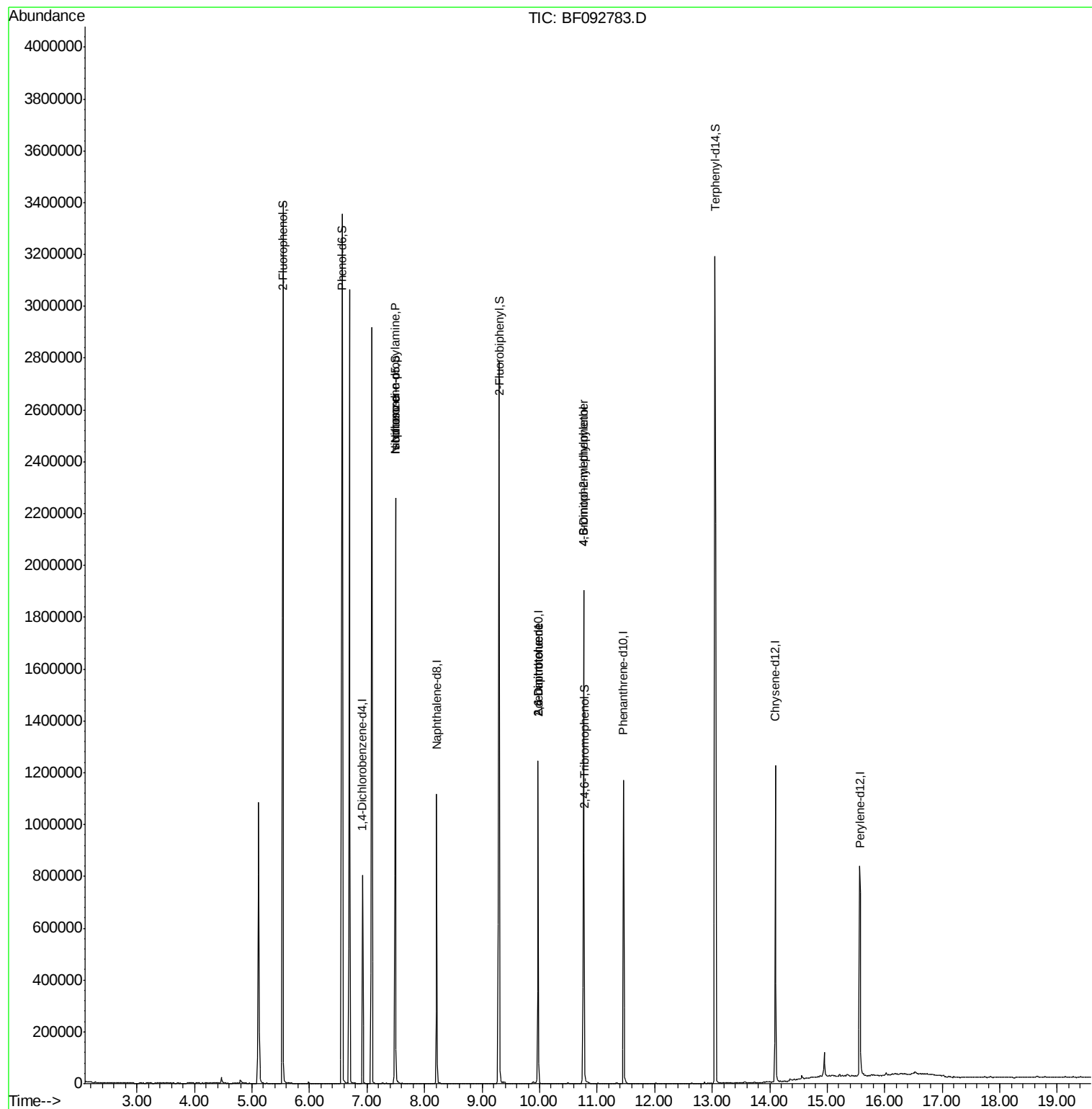
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123368	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	510265	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	283080	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	461365	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	450508	20.00	ng	-0.05
86) Perylene-d12	15.57	264	446139	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1026212	142.71	ng	-0.03
7) Phenol-d6	6.57	99	1233998	133.37	ng	-0.03
23) Nitrobenzene-d5	7.49	82	756918	82.61	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	289880	141.58	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1467725	93.93	ng	-0.03
78) Terphenyl-d14	13.05	244	1407068	73.39	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	101763	17.28	ng	# 81
25) Isophorone	7.49	82	746952	43.75	ng	# 65
50) 2,6-Dinitrotoluene	9.97	165	35792	8.69	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	35793	6.53	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	549	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	19342	4.01	ng	# 1

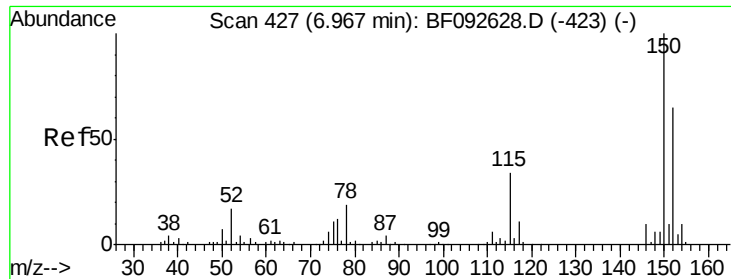
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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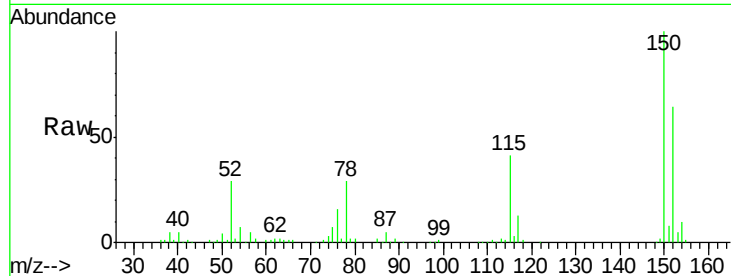




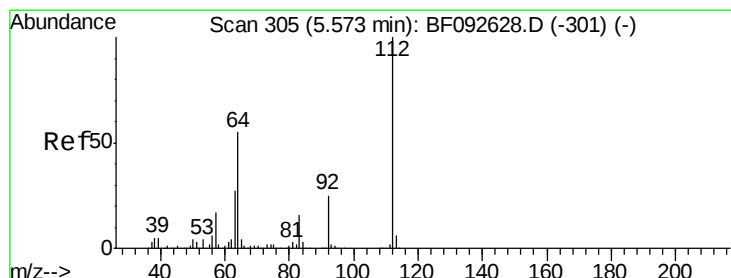
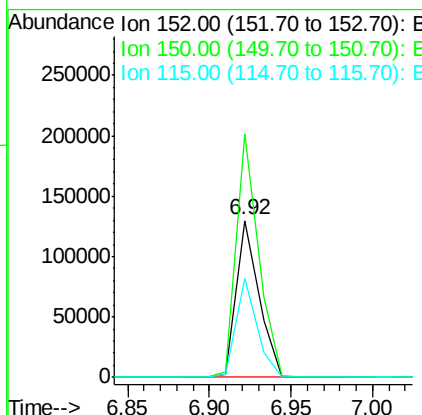
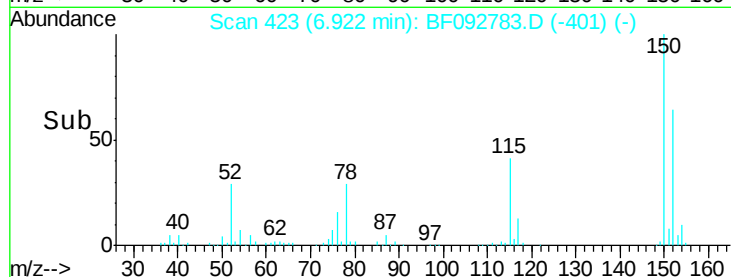
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.05 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BL

Tgt Ion:152 Resp: 123368
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 63.5 46.0 69.0

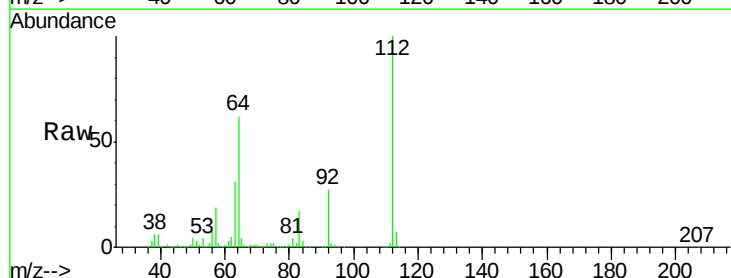


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

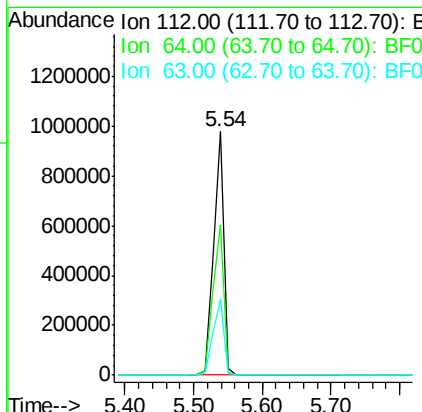
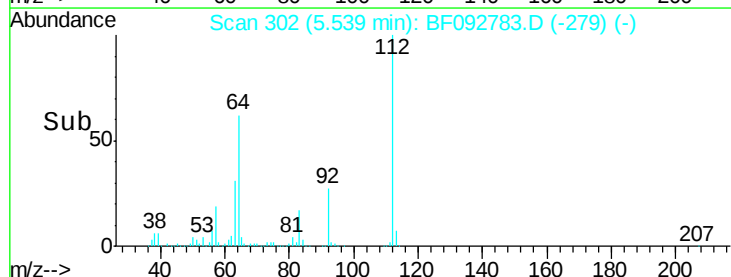


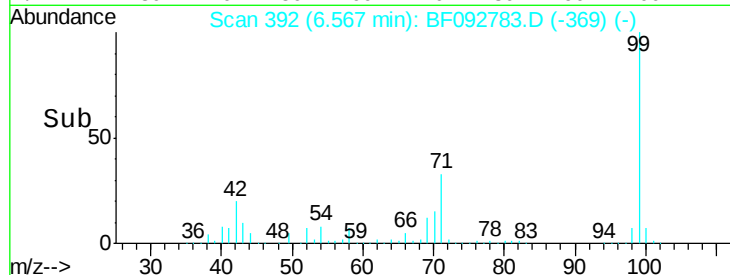
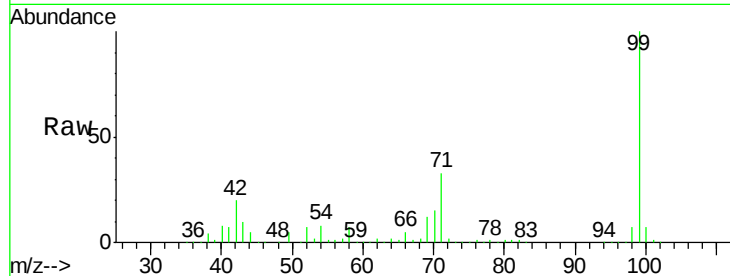
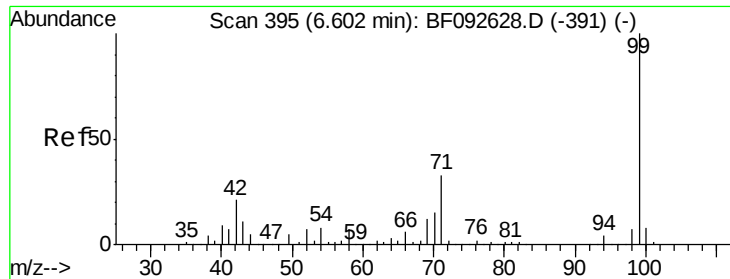
#5
 2-Fluorophenol
 Concen: 142.71 ng
 RT: 5.54 min Scan# 302
 Delta R.T. -0.03 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Tgt Ion:112 Resp: 1026212
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.1 69.1
 63 31.0 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

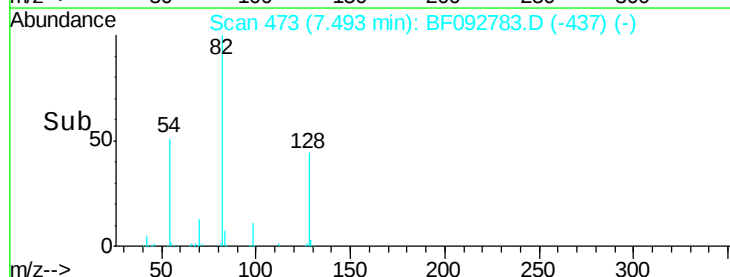
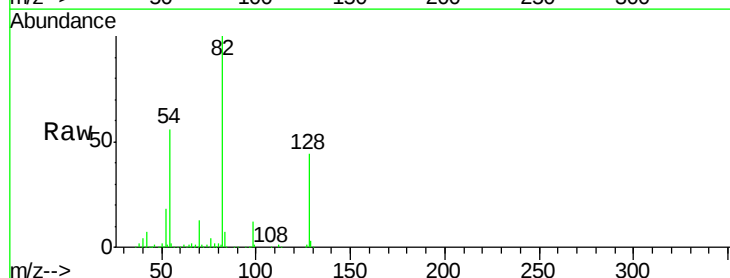
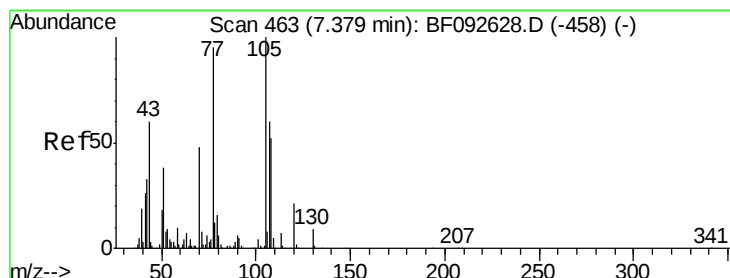
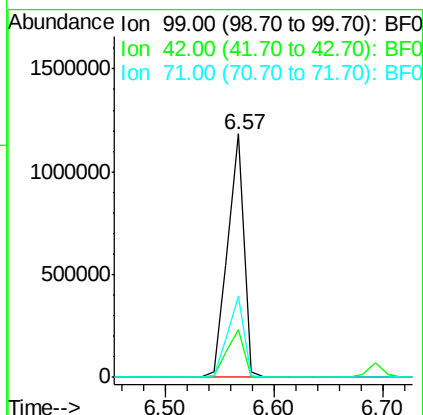




#7
Phenol-d6
Concen: 133.37 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

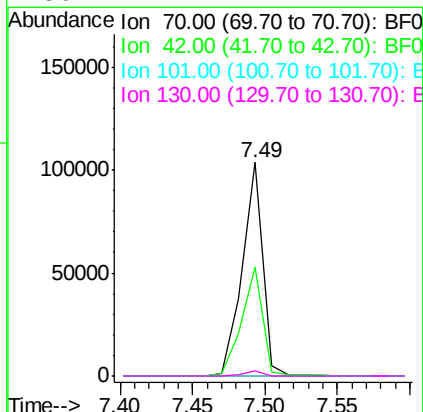
Instrument :
BNA_F
ClientSampleId :
PB96697BL

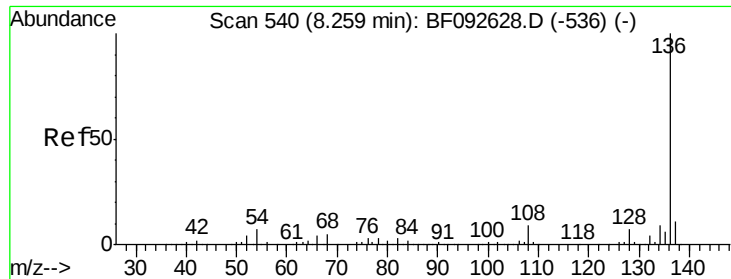
Tgt Ion: 99 Resp: 1233998
Ion Ratio Lower Upper
99 100
42 19.8 15.6 23.4
71 33.0 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.28 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Tgt Ion: 70 Resp: 101763
Ion Ratio Lower Upper
70 100
42 51.0 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

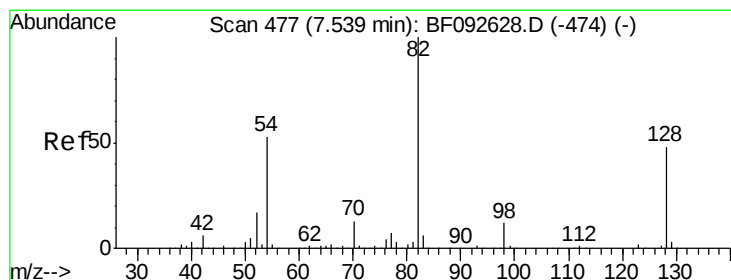
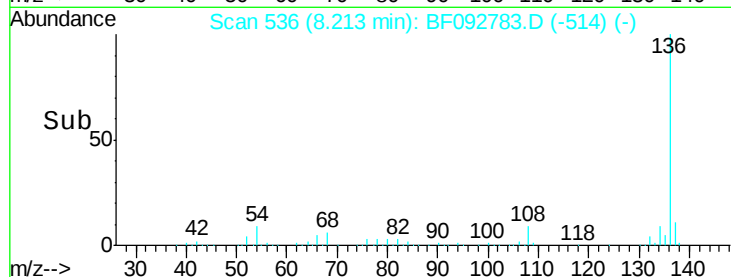
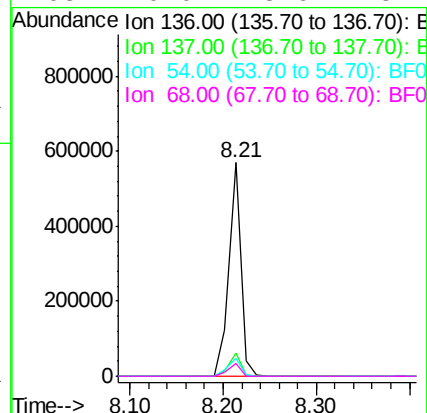
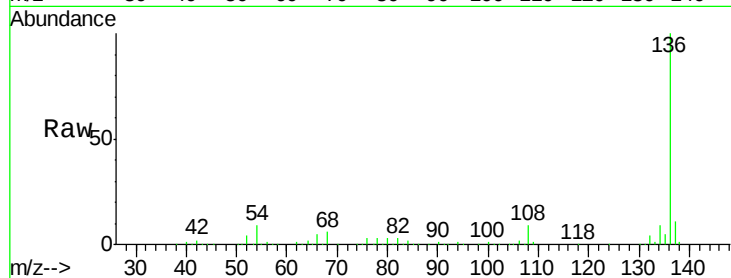




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

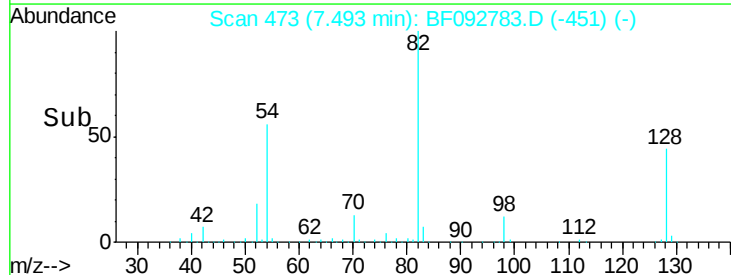
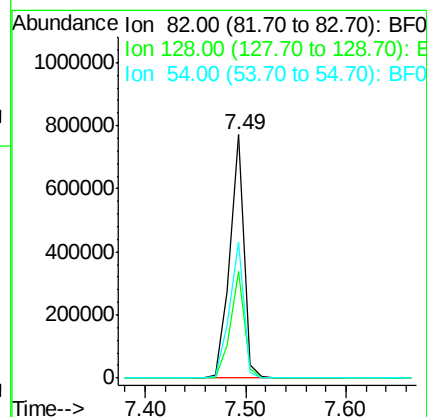
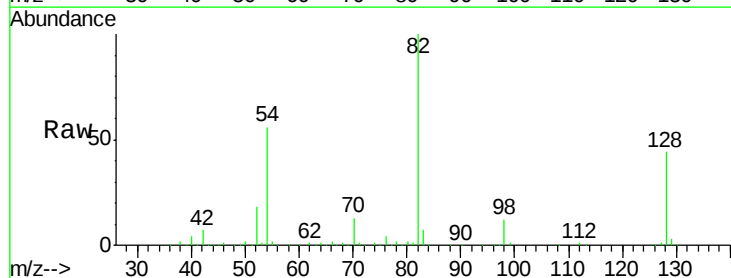
Instrument :
BNA_F
ClientSampleId :
PB96697BL

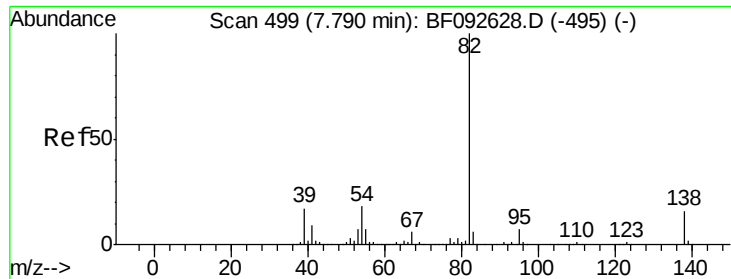
Tgt Ion:	136	Resp:	510265
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.6	4.5	6.7#
68	6.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.61 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Tgt Ion:	82	Resp:	756918
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	56.1	39.5	59.3

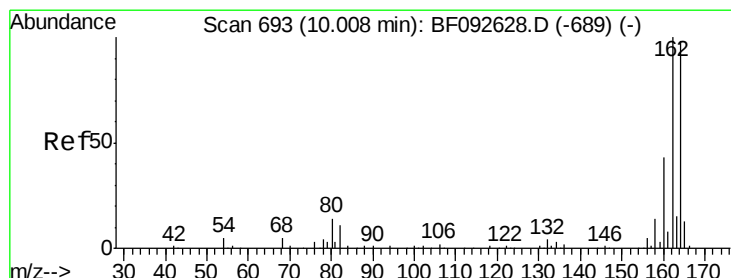
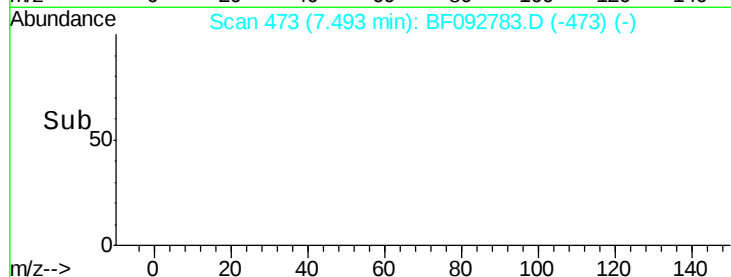
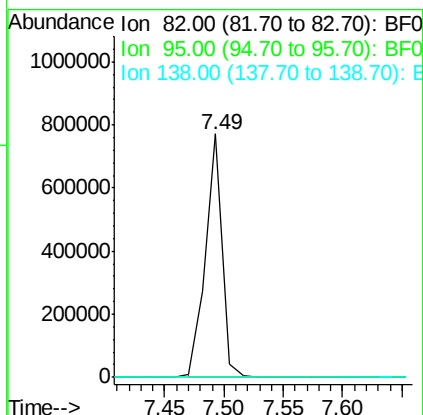
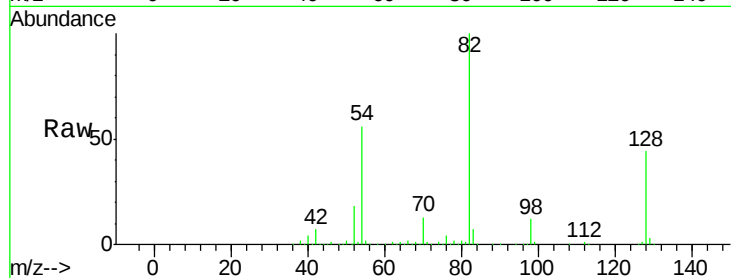




#25
Isophorone
Concen: 43.75 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.30 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

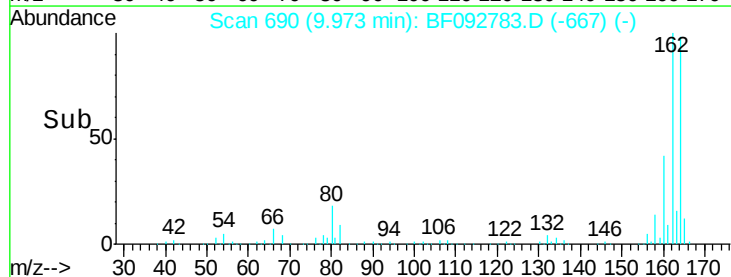
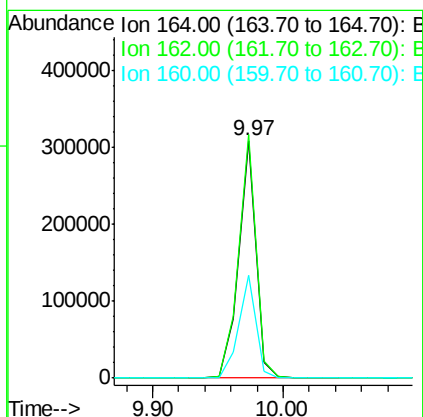
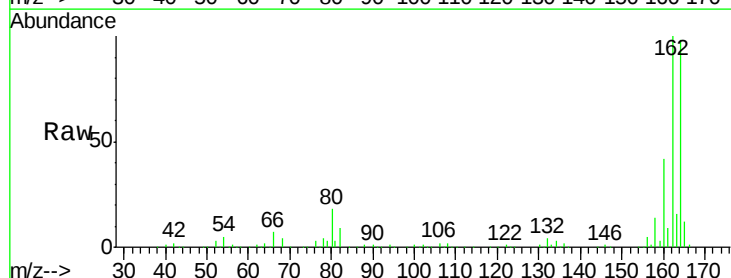
Instrument :
BNA_F
ClientSampleId :
PB96697BL

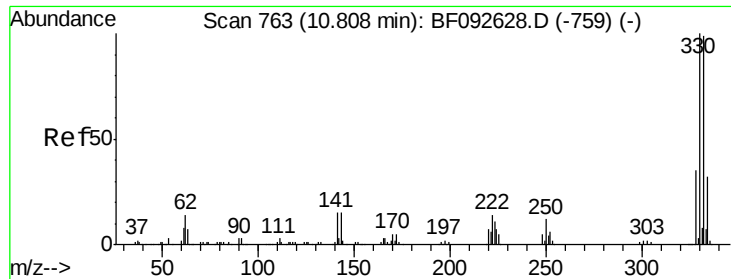
Tgt Ion: 82 Resp: 746952
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Tgt Ion: 164 Resp: 283080
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 43.1 36.9 55.3

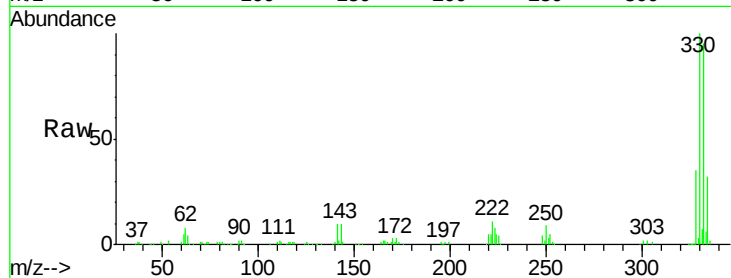




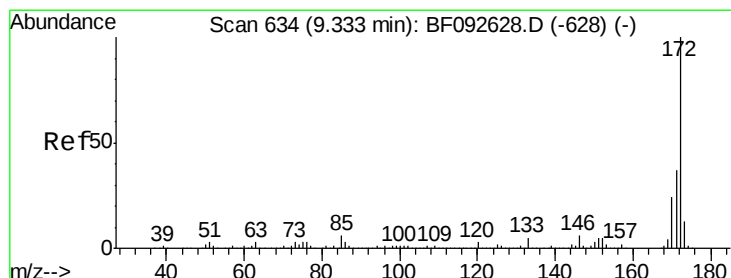
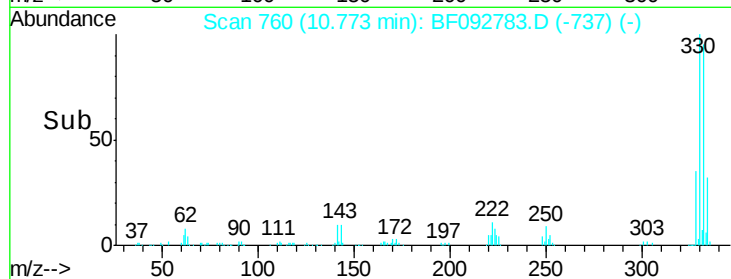
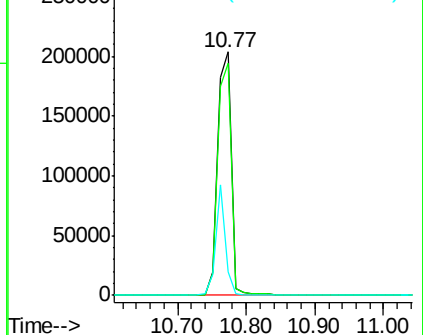
#41
 2,4,6-Tribromophenol
 Concen: 141.58 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampled :
 PB96697BL

Tgt Ion:330 Resp: 289880
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 32.1 34.1 51.1#

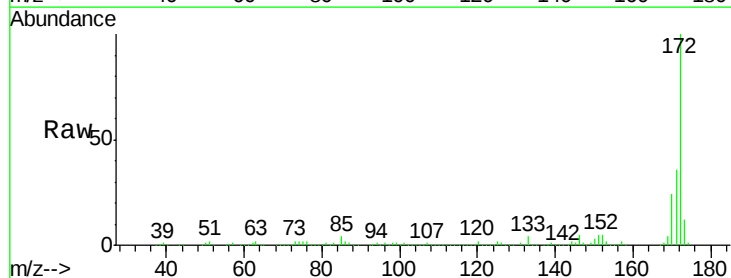


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

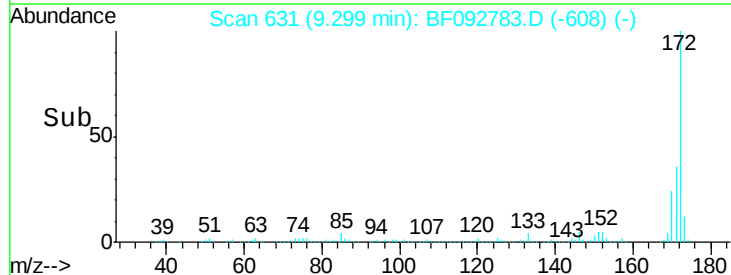
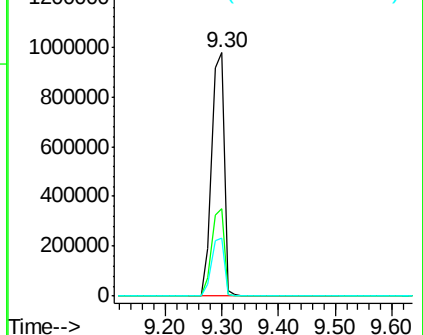


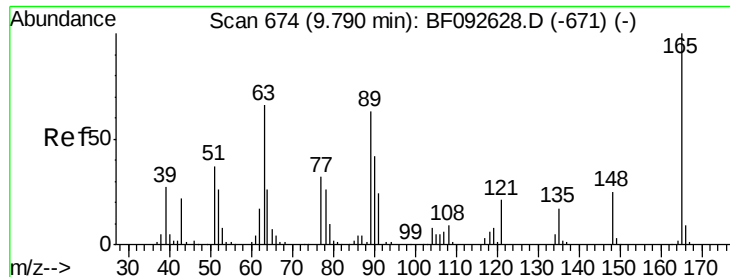
#44
 2-Fluorobiphenyl
 Concen: 93.93 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Tgt Ion:172 Resp: 1467725
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

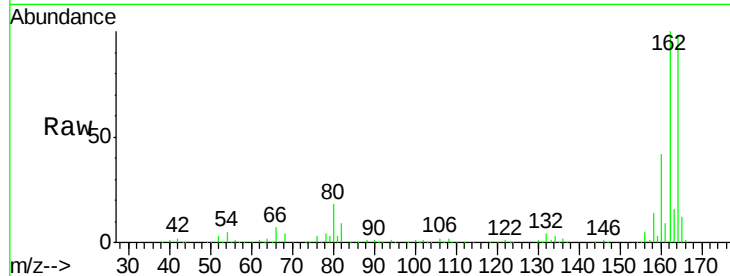




#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB96697BL

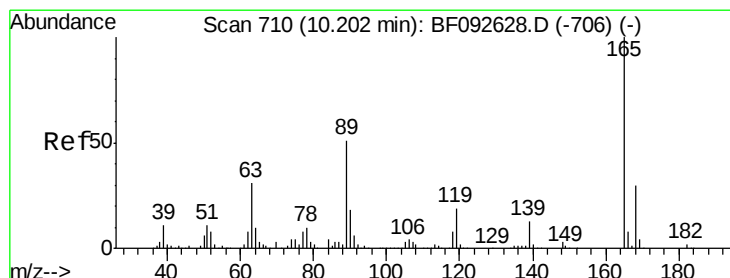
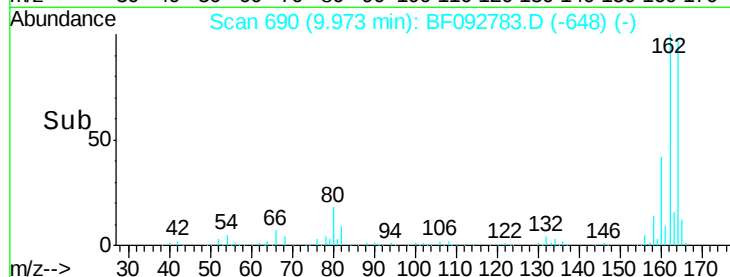
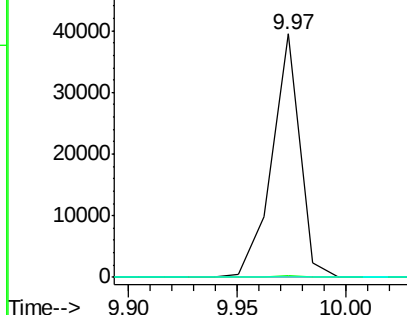
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.0	40.2	60.4#



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: 6.53 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

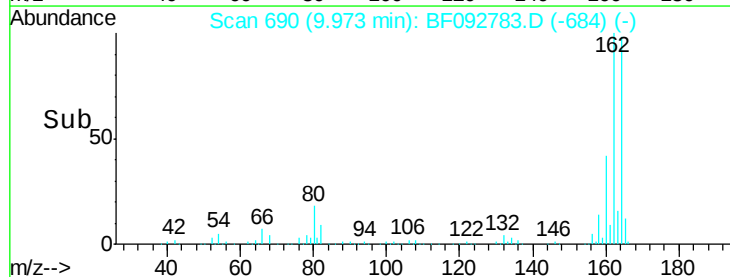
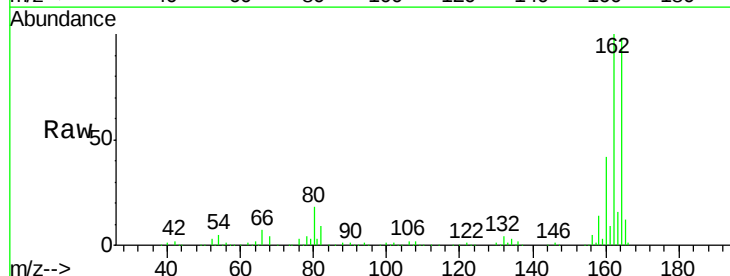
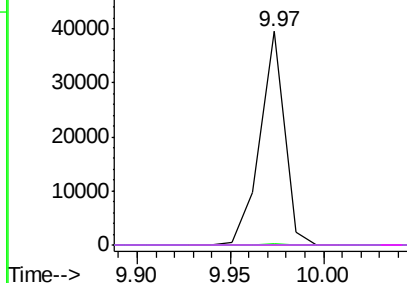
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

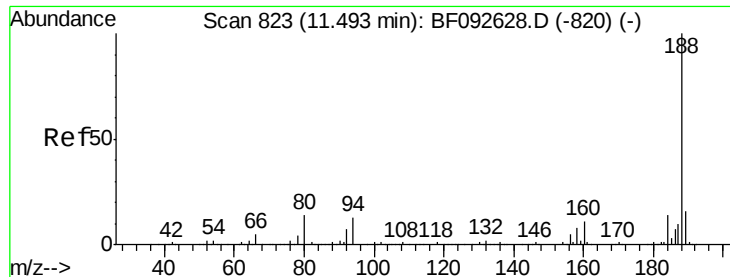
Abundance Ion 165.00 (164.70 to 165.70): E

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

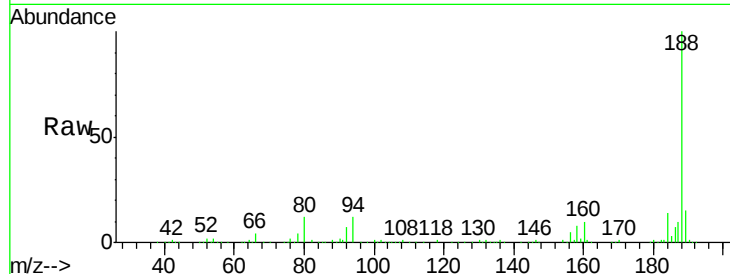




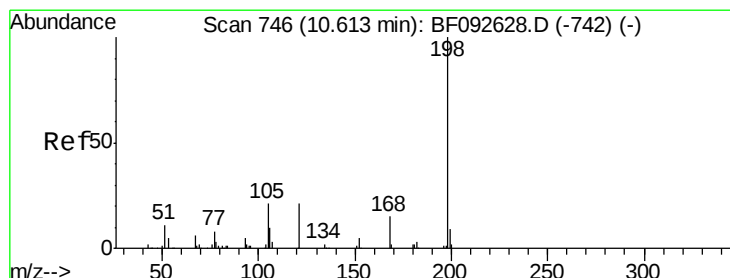
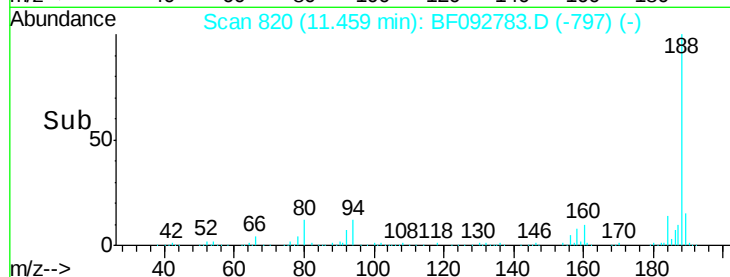
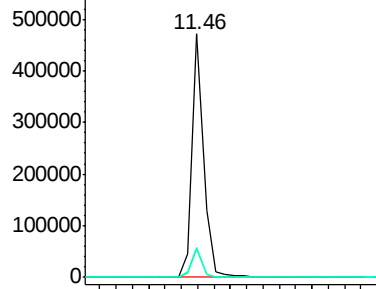
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB96697BL

Tgt Ion:188 Resp: 461365
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.5 11.2 16.8

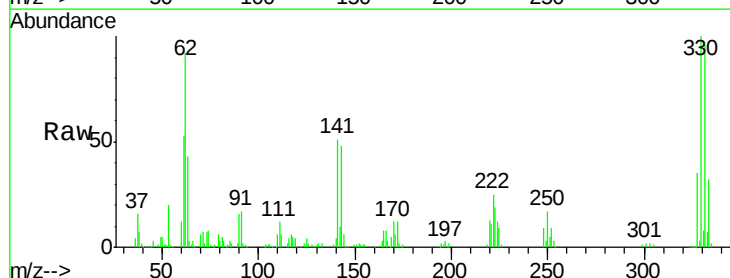


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

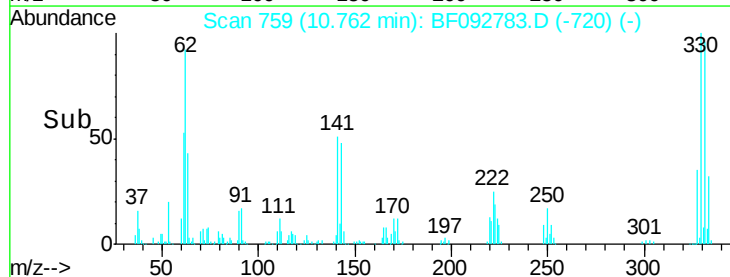
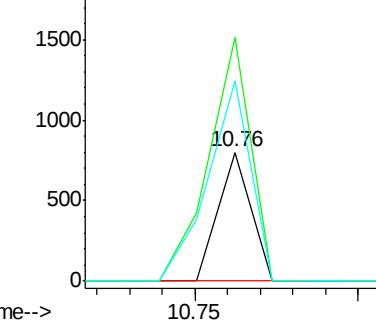


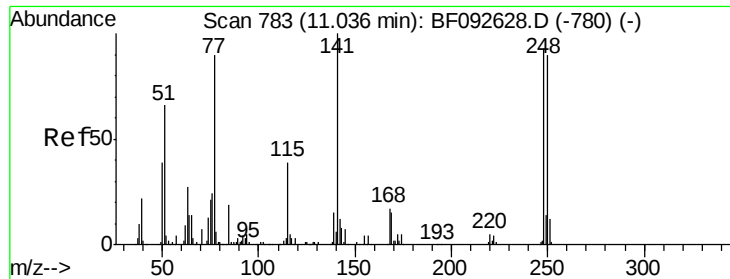
#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Tgt Ion:198 Resp: 549
Ion Ratio Lower Upper
198 100
51 188.9 6.7 46.7#
105 155.2 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

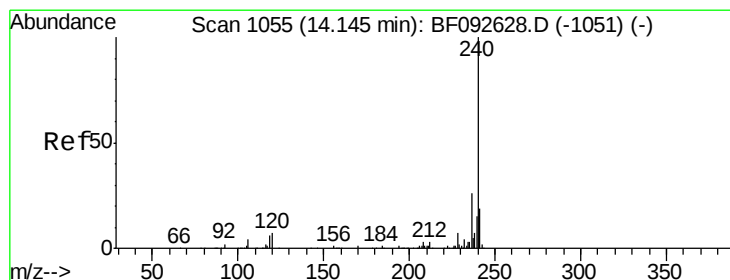
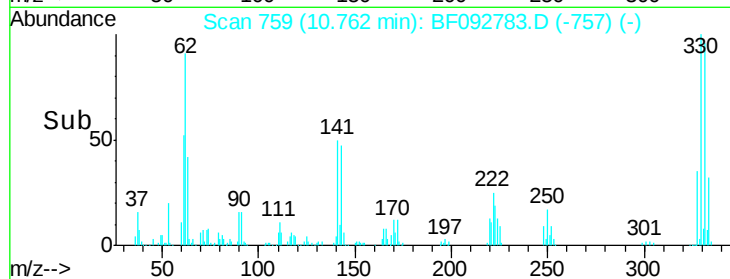
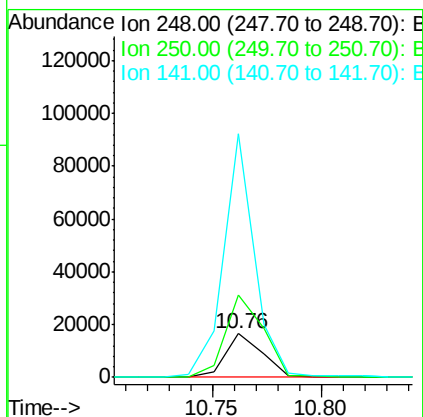
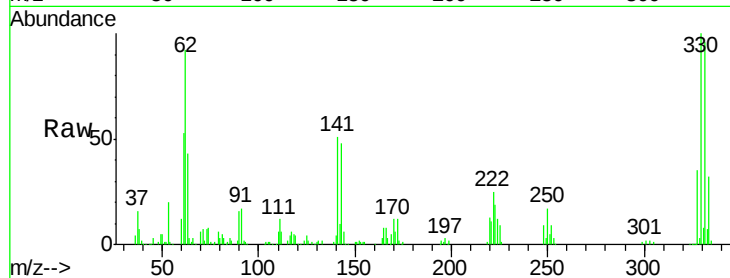




#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

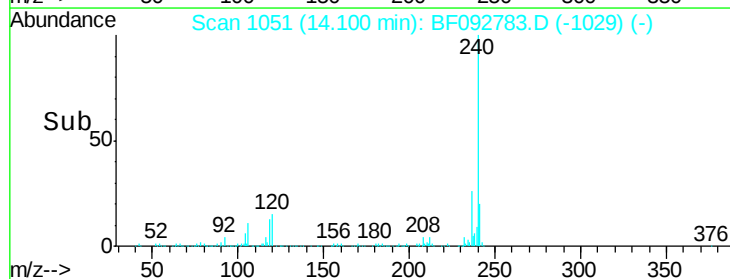
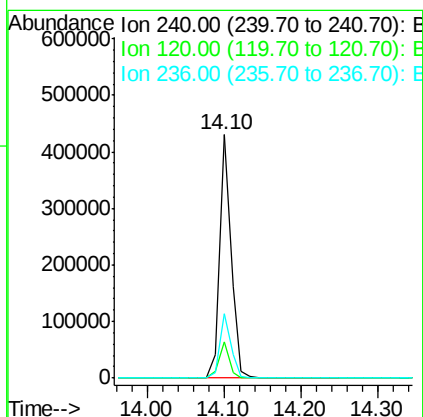
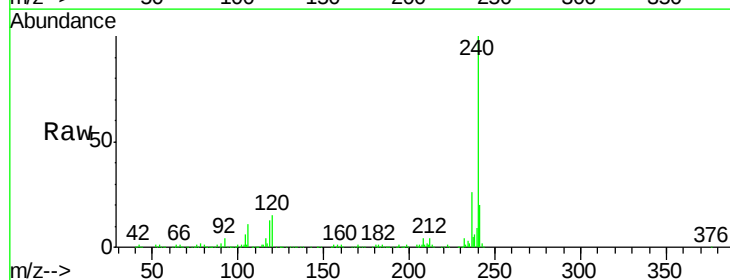
Instrument :
BNA_F
ClientSampleId :
PB96697BL

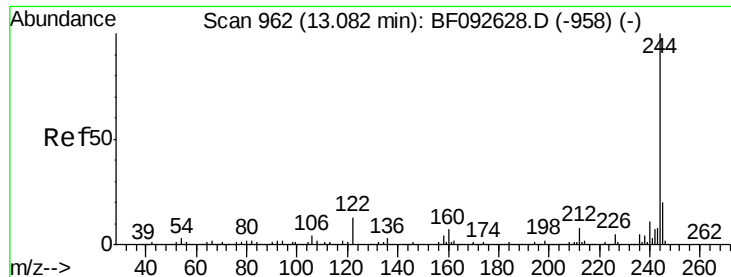
Tgt Ion:248 Resp: 19342
Ion Ratio Lower Upper
248 100
250 186.2 76.9 115.3#
141 554.6 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092783.D
Acq: 3 Feb 2017 18:53

Tgt Ion:240 Resp: 450508
Ion Ratio Lower Upper
240 100
120 15.0 12.9 19.3
236 26.4 20.9 31.3

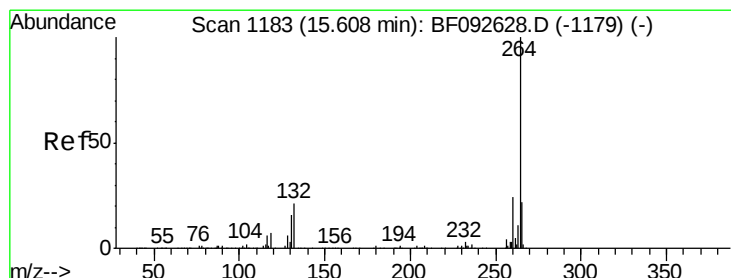
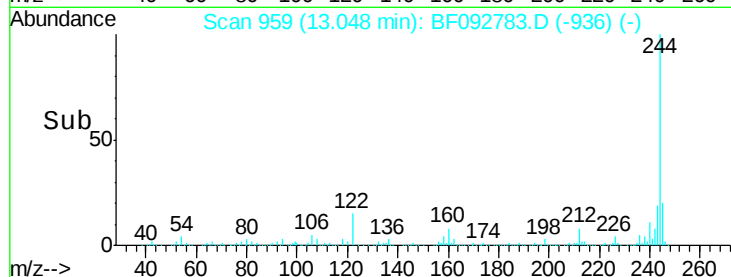
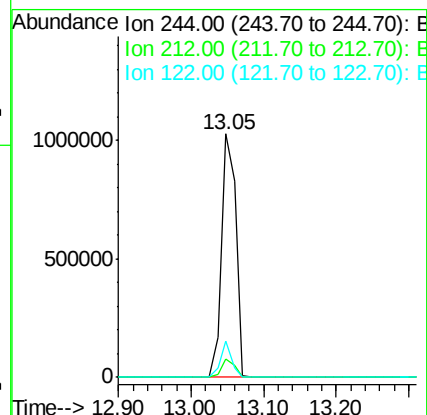
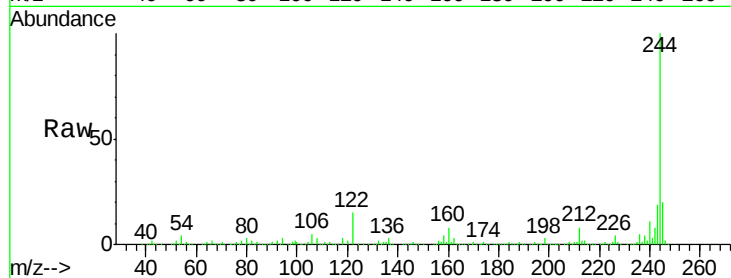




#78
 Terphenyl-d14
 Concen: 73.39 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BL

Tgt Ion:244 Resp: 1407068
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF092783.D
 Acq: 3 Feb 2017 18:53

Tgt Ion:264 Resp: 446139
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.4 17.4 26.0

