

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092537.D
 Acq On : 26 Jan 2017 20:58
 Operator : SJ/MA
 Sample : I1448-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Quant Time: Jan 27 00:12:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

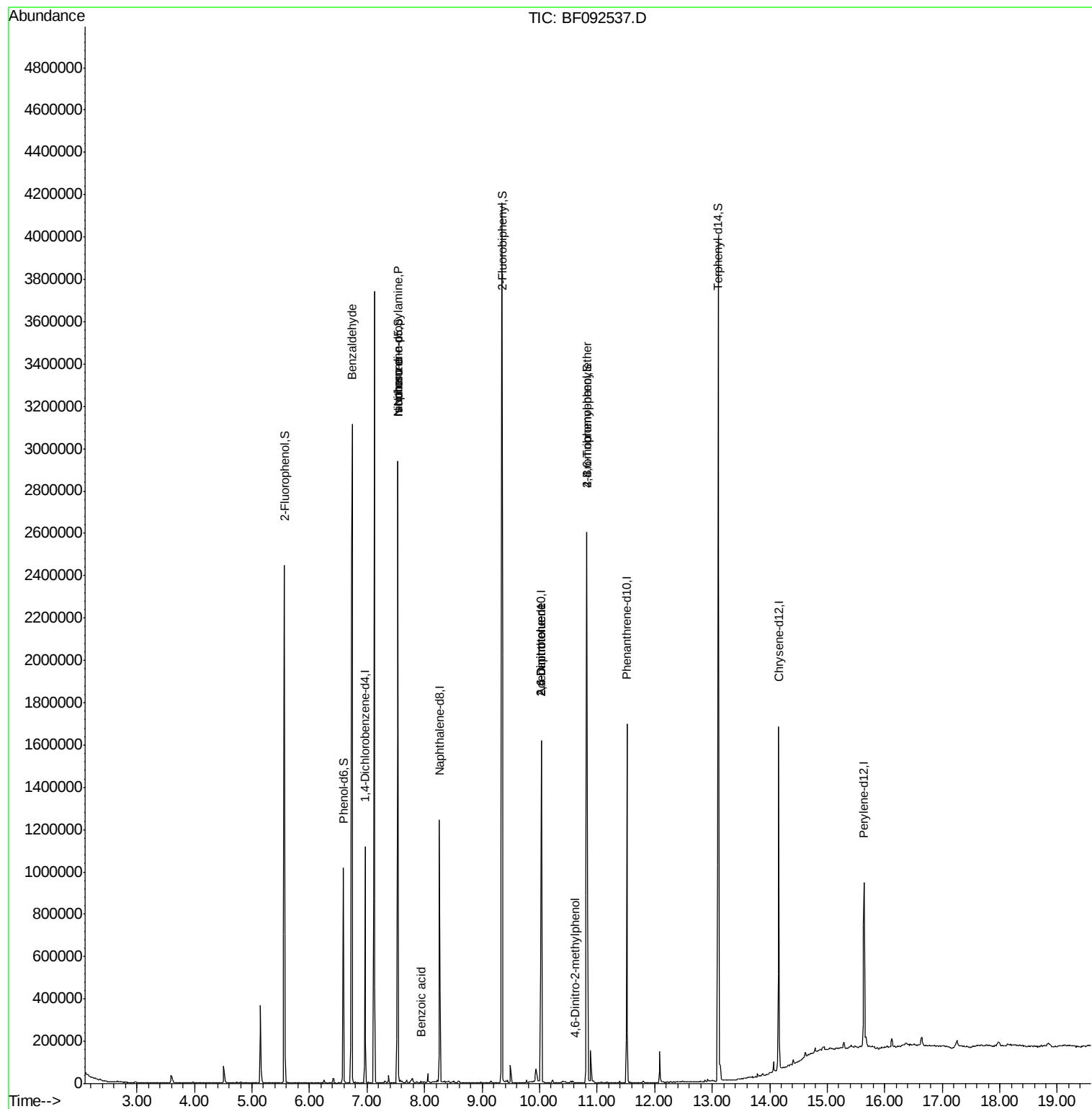
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155065	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	602655	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	357411	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	582707	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	546522	20.00	ng	-0.01
86) Perylene-d12	15.64	264	333405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	624997	62.71	ng	0.01
7) Phenol-d6	6.59	99	494558	38.96	ng	0.00
23) Nitrobenzene-d5	7.54	82	1111521	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	370362	152.06	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1763860	91.26	ng	-0.01
78) Terphenyl-d14	13.10	244	1741167	84.84	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	24102	2.68	ng	83
19) n-Nitroso-di-n-propylamine	7.54	70	150194	17.37	ng	# 81
25) Isophorone	7.54	82	1062971	48.89	ng	# 65
32) Benzoic acid	7.94	122	2128	4.95	ng	86
50) 2,6-Dinitrotoluene	10.03	165	46929	10.10	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	46932	7.61	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	506	5.10	ng	# 42
66) 4-Bromophenyl-phenylether	10.82	248	25819	4.39	ng	# 1

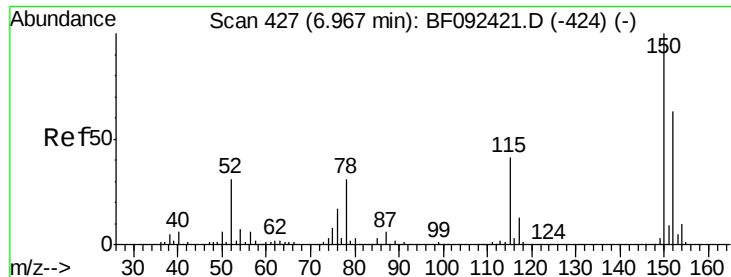
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

CHA-FB012417

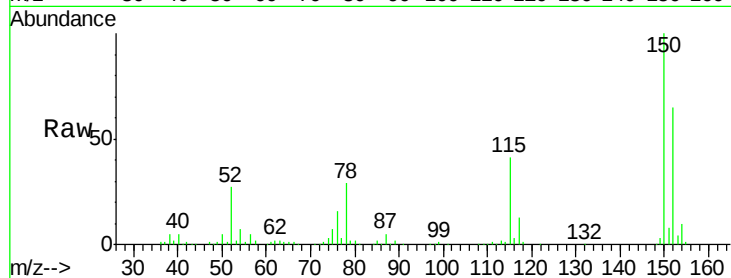
Tgt Ion:152 Resp: 155065

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

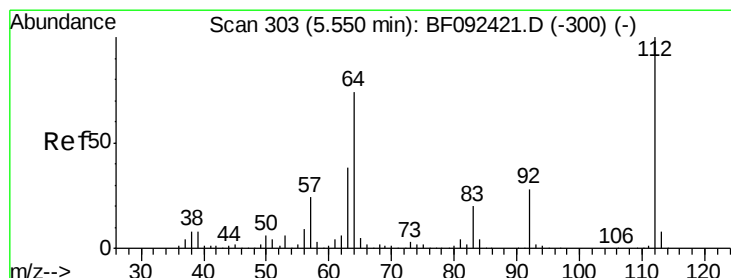
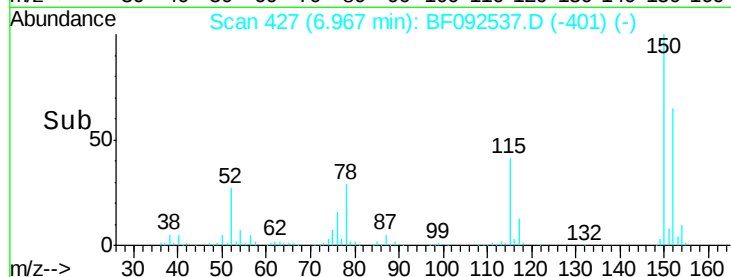
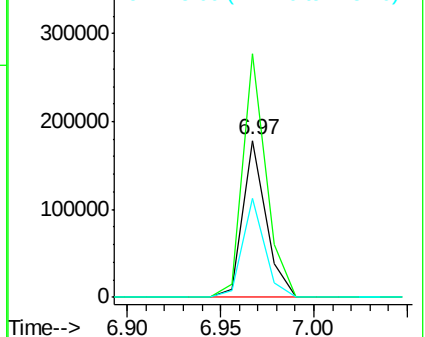
115 62.8 46.0 69.0



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: 62.71 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

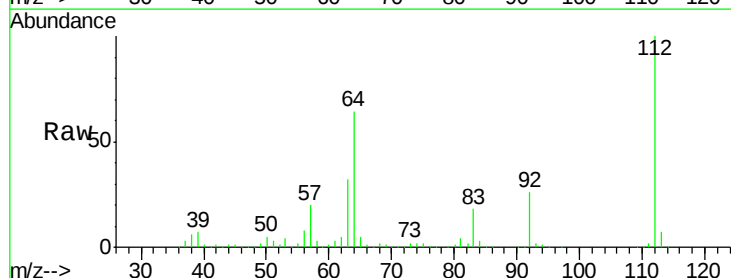
Tgt Ion:112 Resp: 624997

Ion Ratio Lower Upper

112 100

64 63.9 46.1 69.1

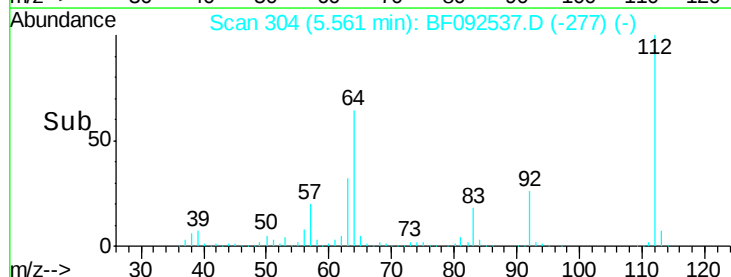
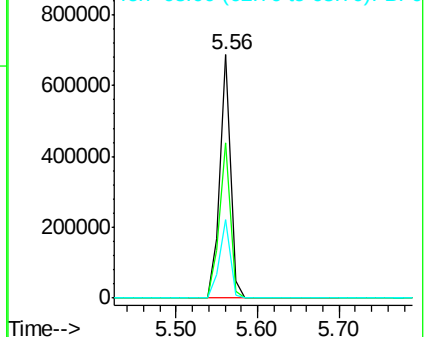
63 32.2 23.8 35.6

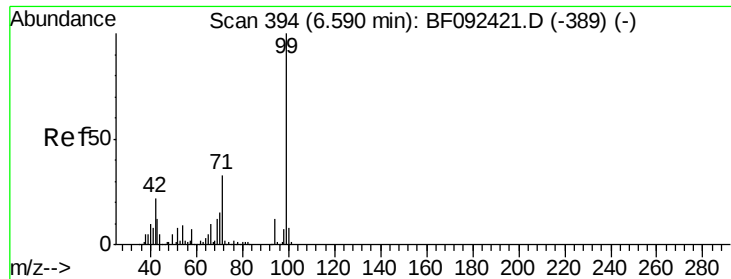


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.96 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

CHA-FB012417

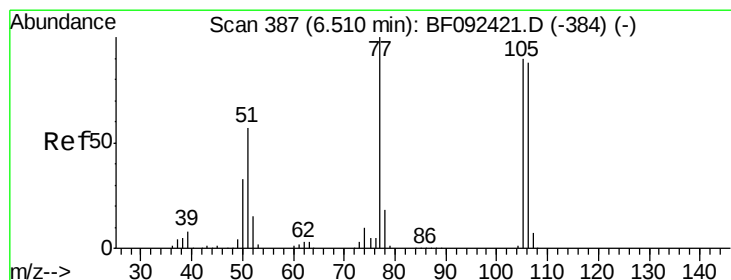
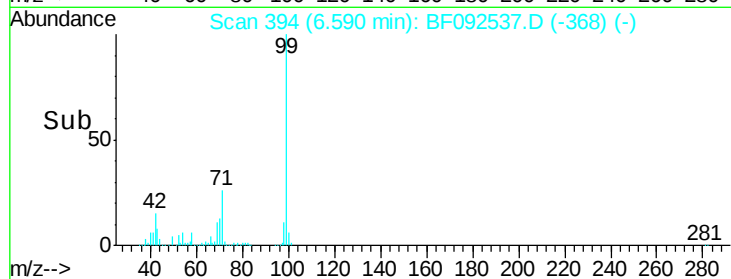
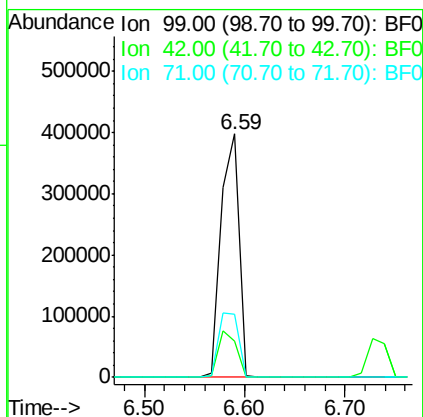
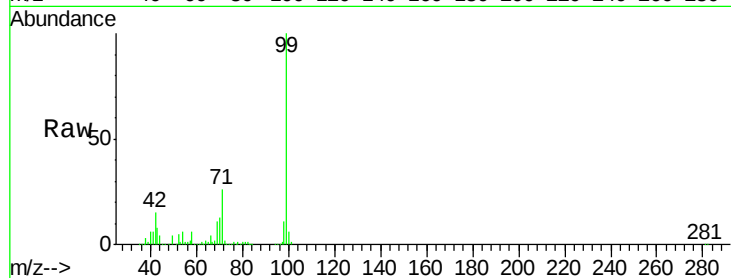
Tgt Ion: 99 Resp: 494558

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

71 26.1 27.5 41.3#



#9

Benzaldehyde

Concen: 2.68 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.23 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

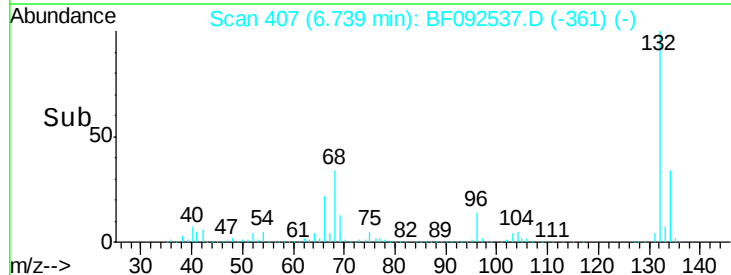
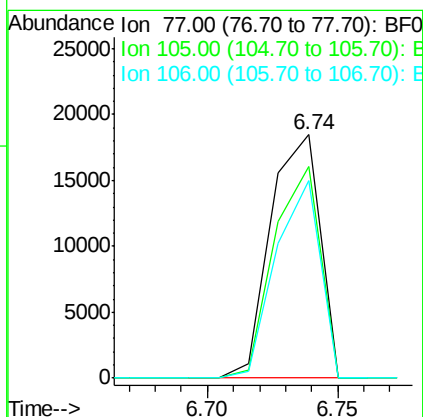
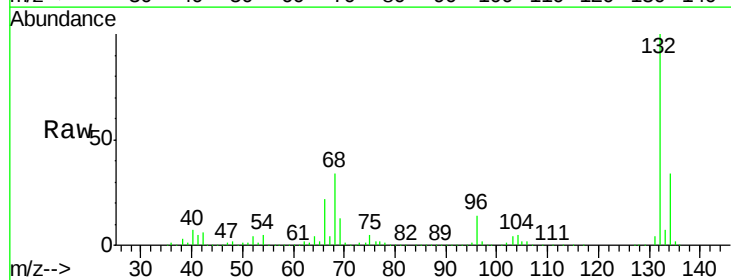
Tgt Ion: 77 Resp: 24102

Ion Ratio Lower Upper

77 100

105 87.1 83.9 123.9

106 81.0 77.6 117.6

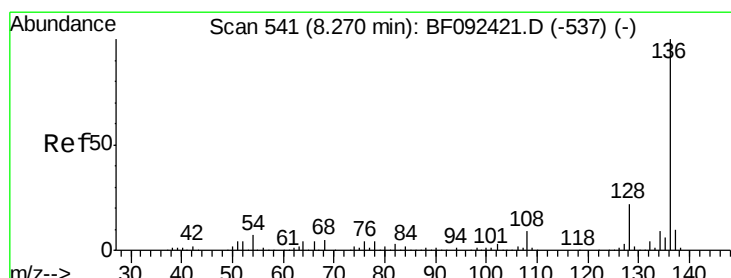
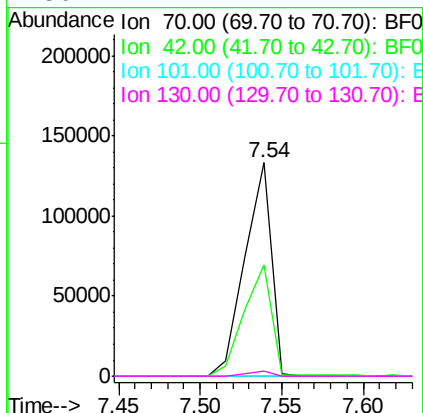
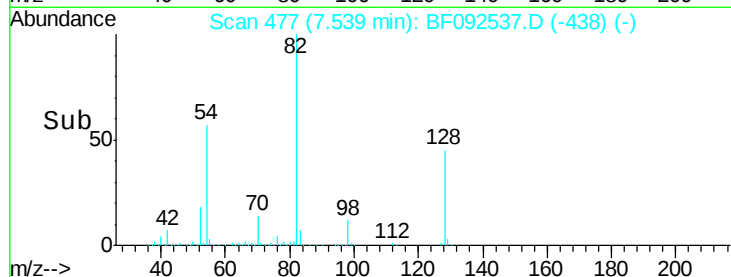
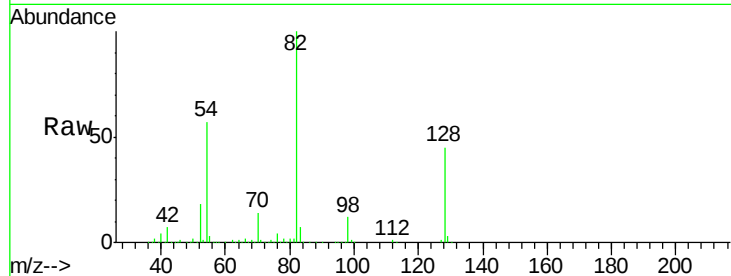




#19
n-Nitroso-di-n-propylamine
Concen: 17.37 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

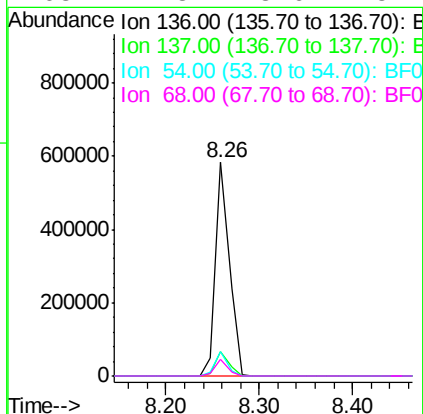
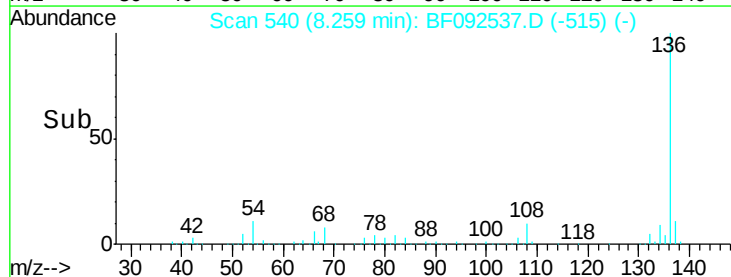
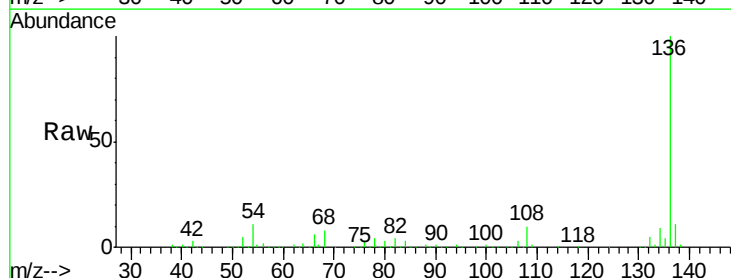
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CHA-FB012417

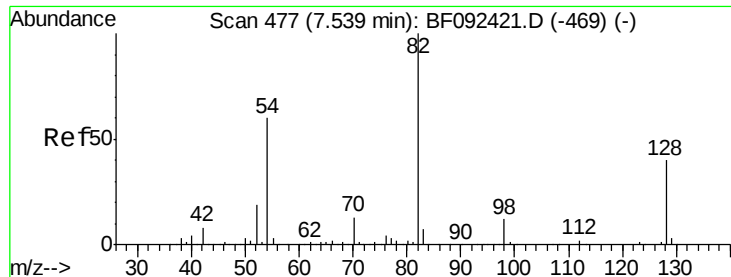
Tgt Ion: 70 Resp: 150194
Ion Ratio Lower Upper
70 100
42 51.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Tgt Ion: 136 Resp: 602655
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 11.4 4.5 6.7#
68 7.8 3.6 5.4#

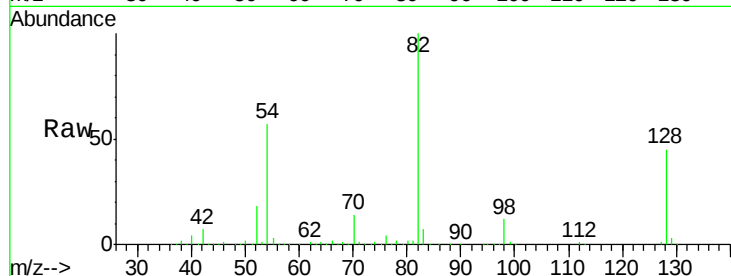




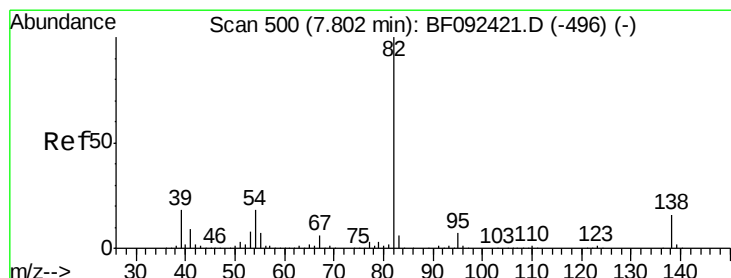
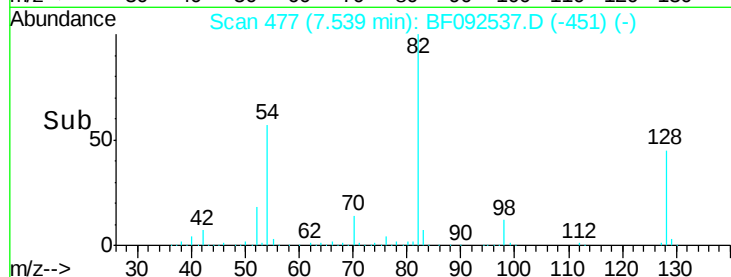
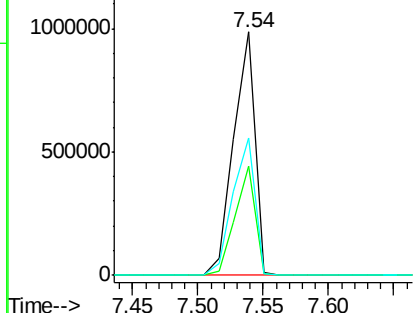
#23
 Nitrobenzene-d5
 Concen: 100.75 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tgt Ion: 82 Resp: 1111521
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 52.0
 54 56.7 39.5 59.3

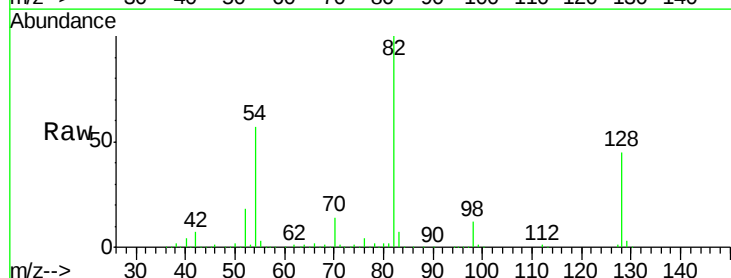


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

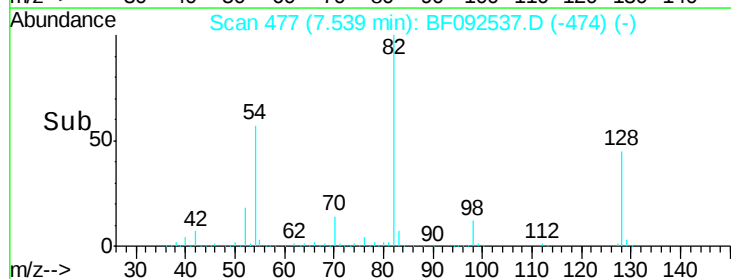
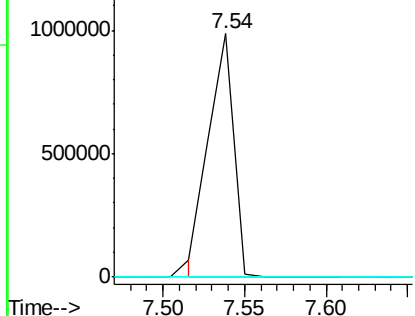


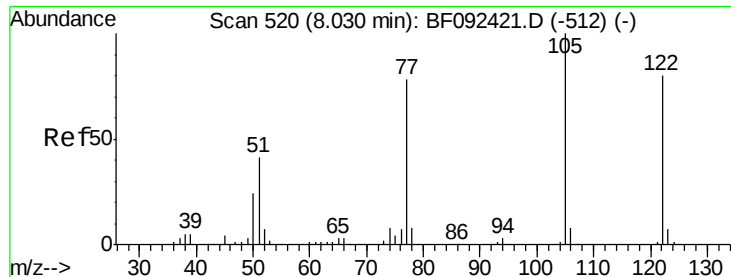
#25
 Isophorone
 Concen: 48.89 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Tgt Ion: 82 Resp: 1062971
 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

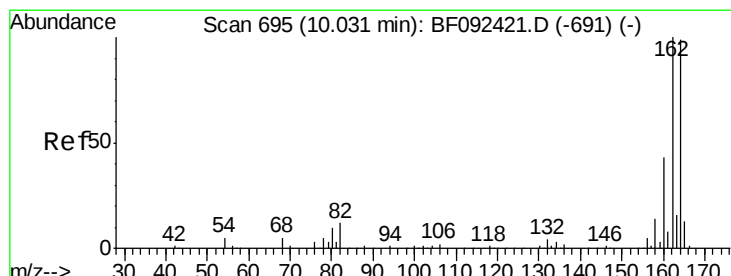
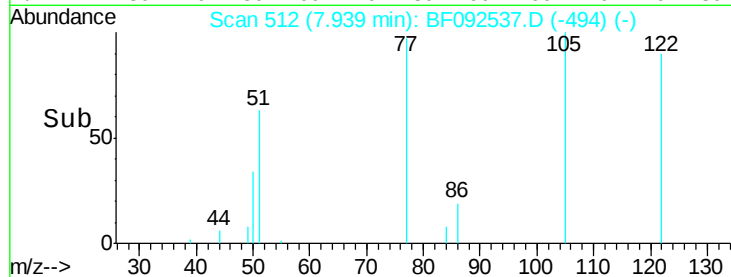
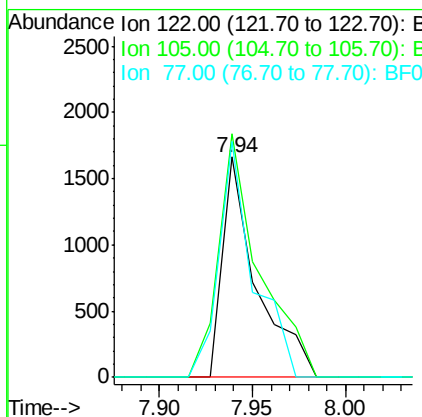
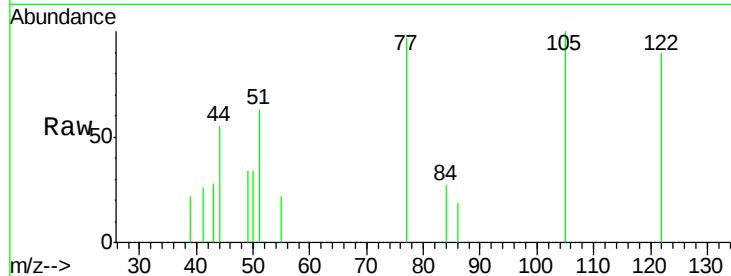




#32
Benzoic acid
Concen: 4.95 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

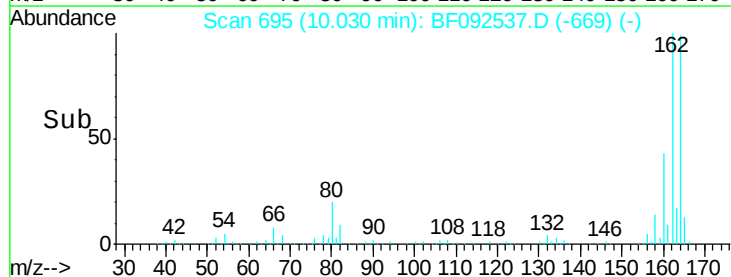
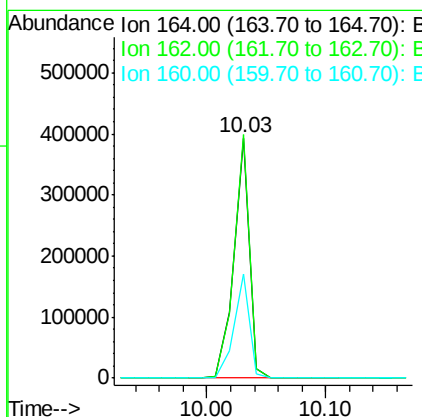
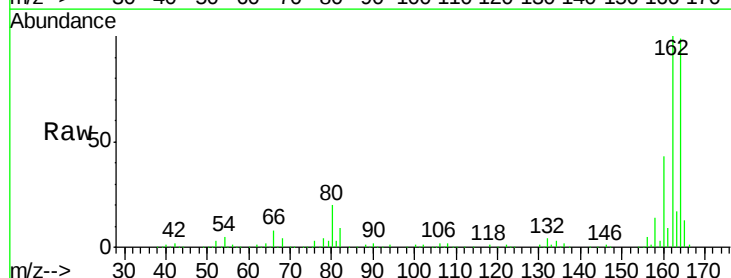
Instrument :
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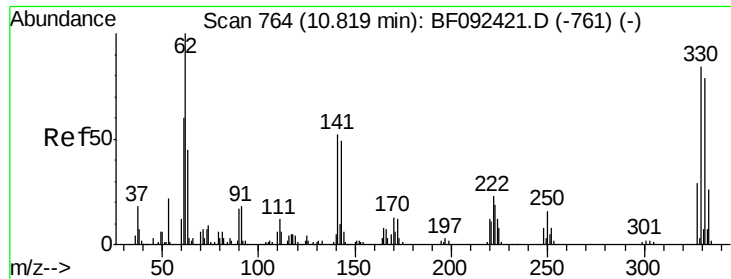
Tgt Ion:122 Resp: 2128
Ion Ratio Lower Upper
122 100
105 110.6 107.2 147.2
77 107.4 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Tgt Ion:164 Resp: 357411
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.3 36.9 55.3

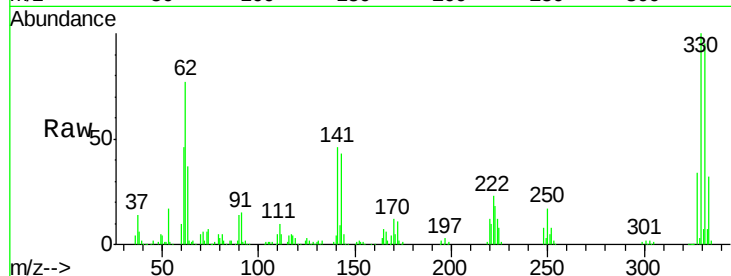




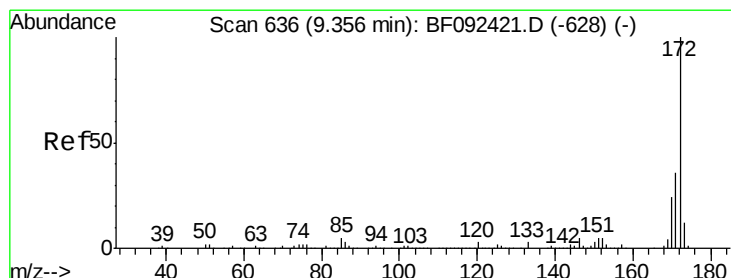
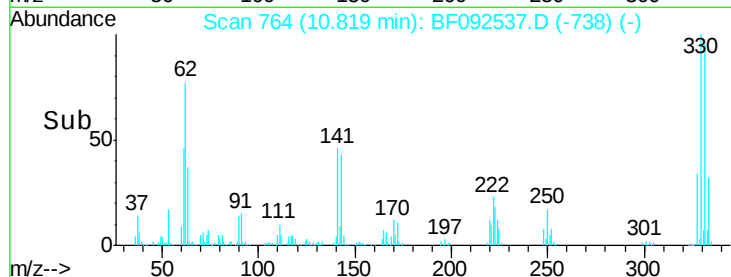
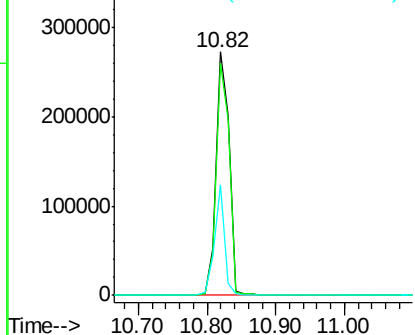
#41
 2,4,6-Tribromophenol
 Concen: 152.06 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tgt Ion:330 Resp: 370362
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 34.8 34.1 51.1

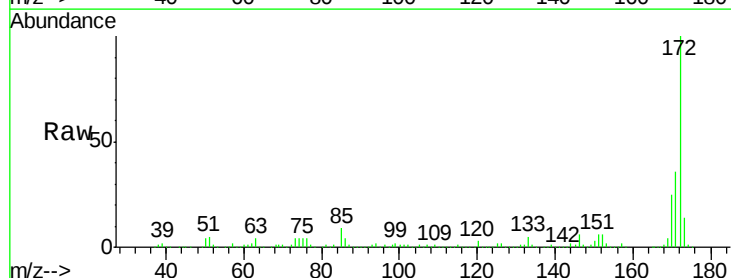


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

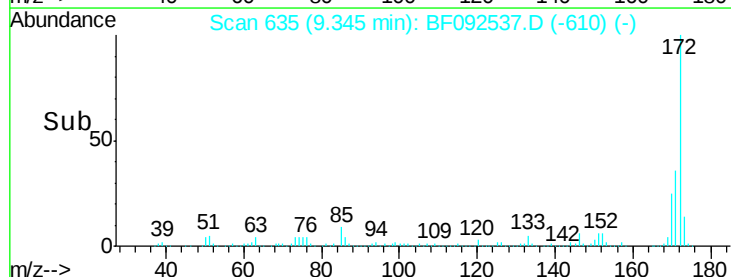
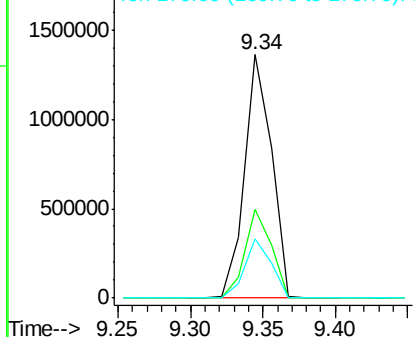


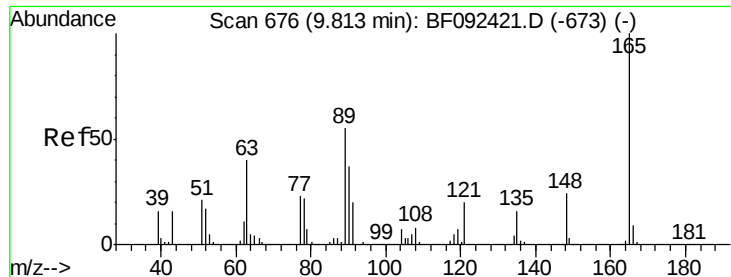
#44
 2-Fluorobiphenyl
 Concen: 91.26 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Tgt Ion:172 Resp: 1763860
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 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

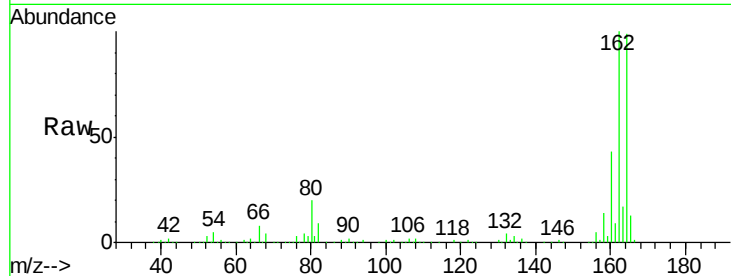




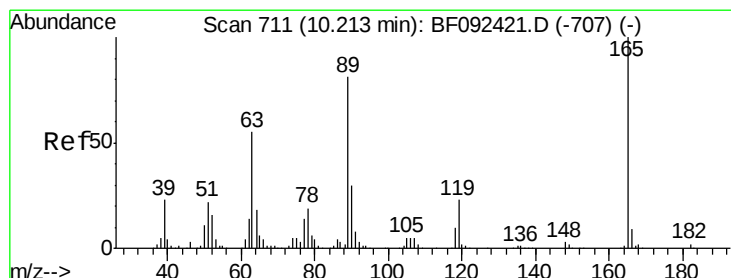
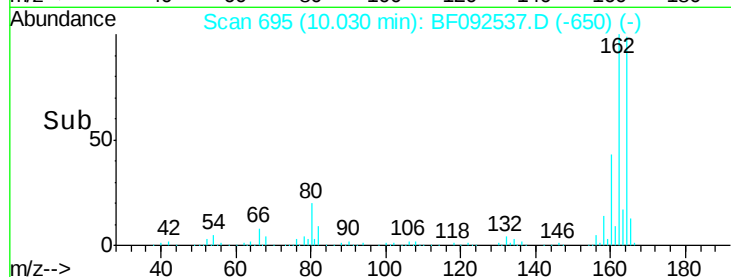
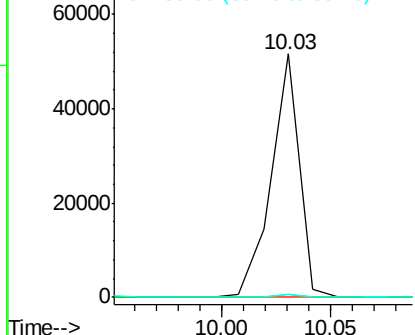
#50
2,6-Dinitrotoluene
Concen: 10.10 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Instrument :
BNA_F
ClientSampleId :
CHA-FB012417

Tgt Ion:165 Resp: 46929
Ion Ratio Lower Upper
165 100
63 1.0 36.2 54.4#
89 1.0 40.2 60.4#

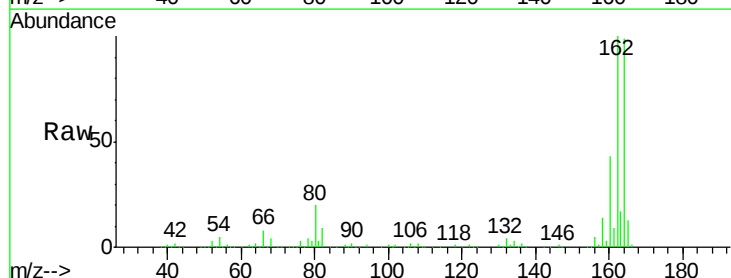


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

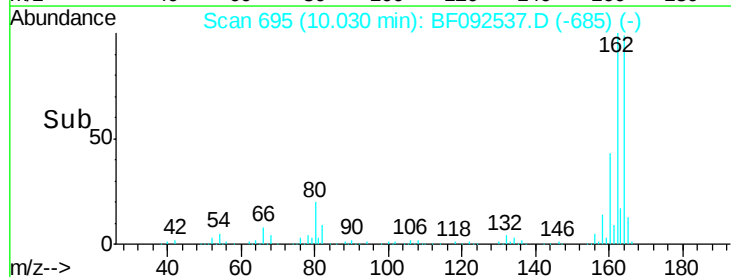
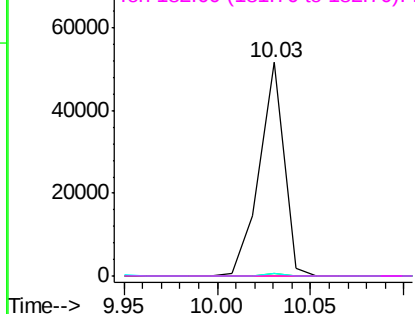


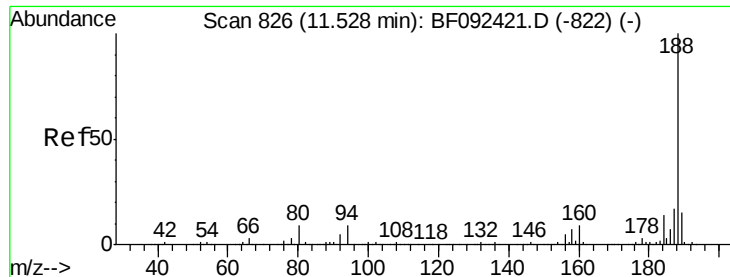
#56
2,4-Dinitrotoluene
Concen: 7.61 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Tgt Ion:165 Resp: 46932
Ion Ratio Lower Upper
165 100
63 1.0 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

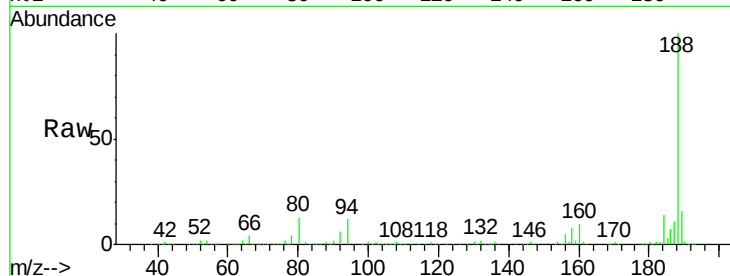




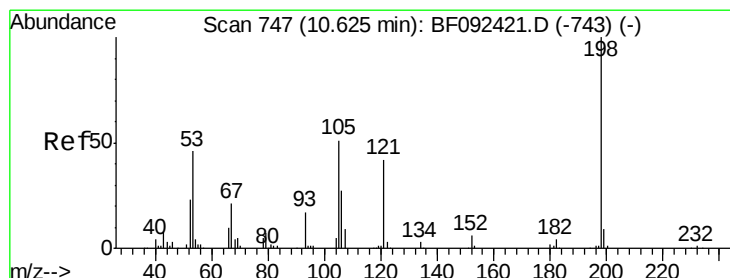
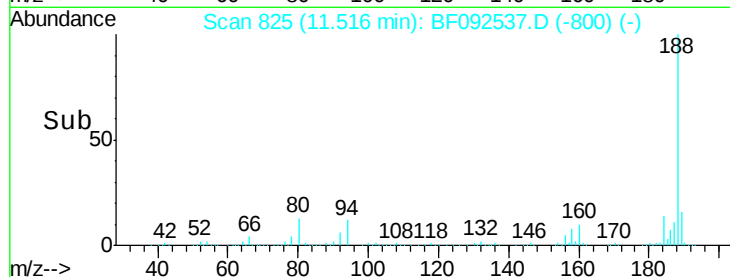
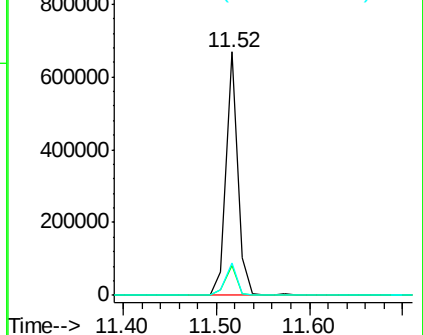
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tgt Ion:188 Resp: 582707
 Ion Ratio Lower Upper
 188 100
 94 12.0 10.0 15.0
 80 13.1 11.2 16.8

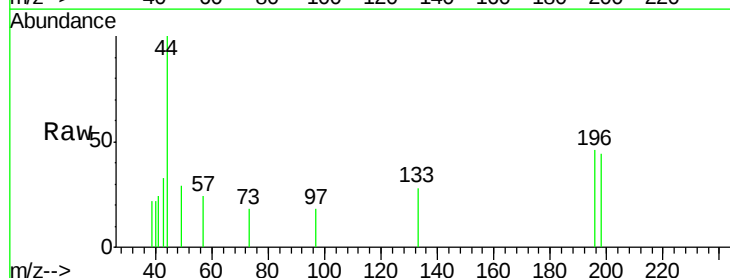


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

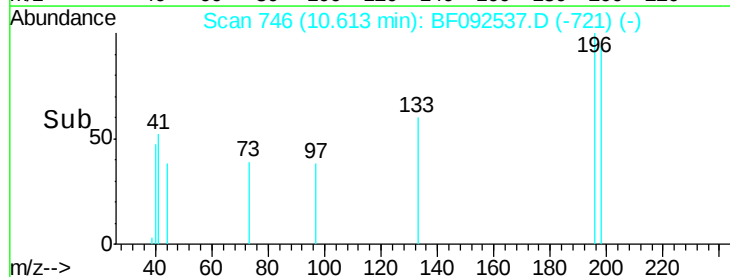
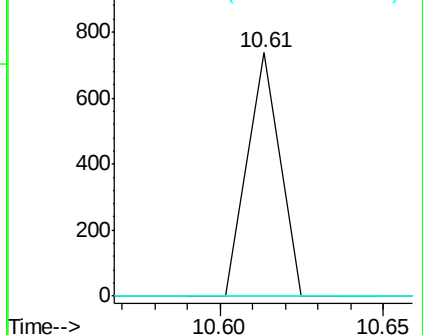


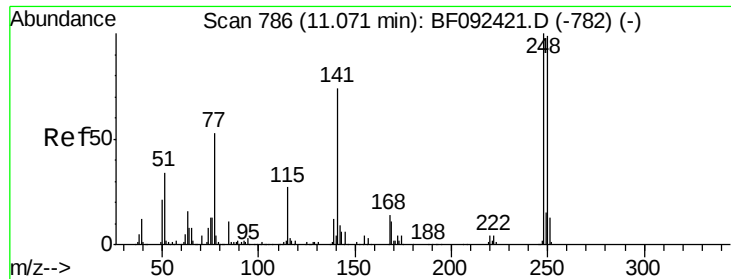
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.10 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Tgt Ion:198 Resp: 506
 Ion Ratio Lower Upper
 198 100
 51 0.0 6.7 46.7#
 105 0.0 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

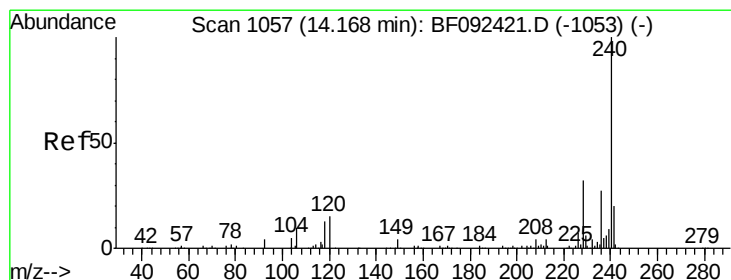
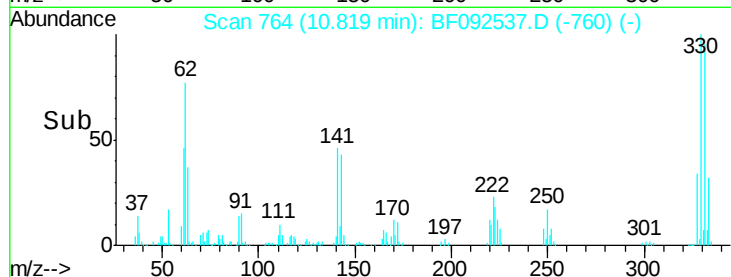
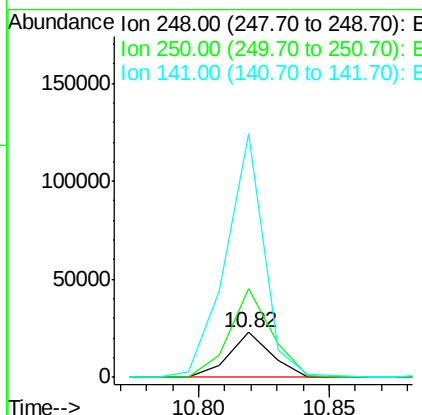
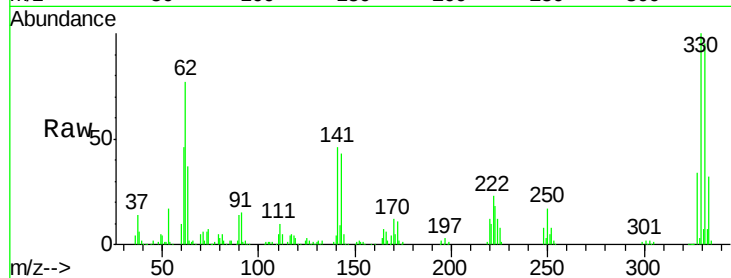




#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

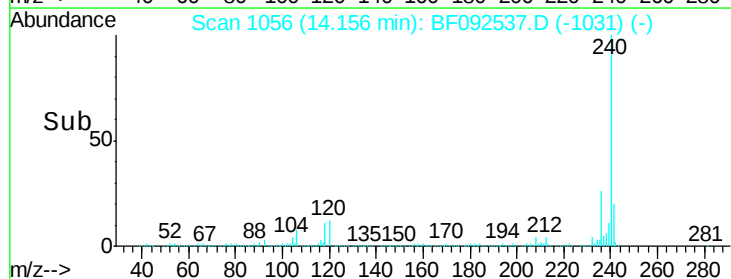
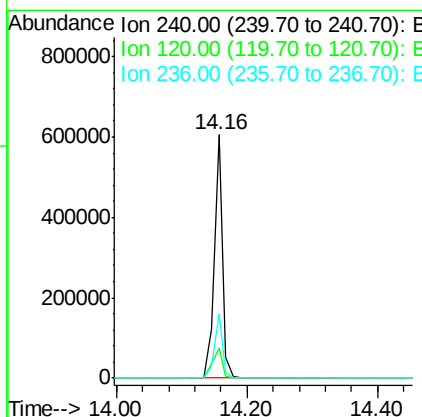
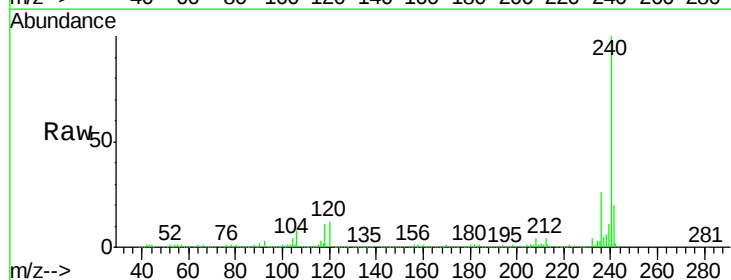
Instrument :
BNA_F
ClientSampleId :
CHA-FB012417

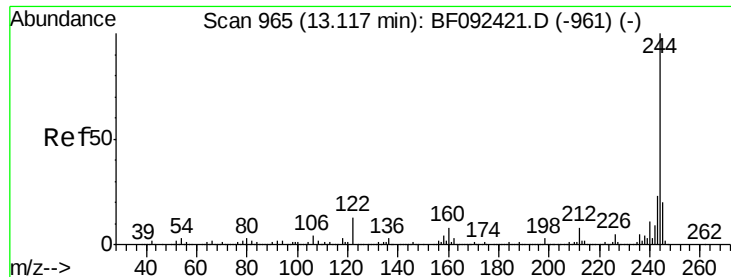
Tgt Ion:248 Resp: 25819
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 542.0 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Tgt Ion:240 Resp: 546522
Ion Ratio Lower Upper
240 100
120 12.0 12.9 19.3#
236 26.5 20.9 31.3

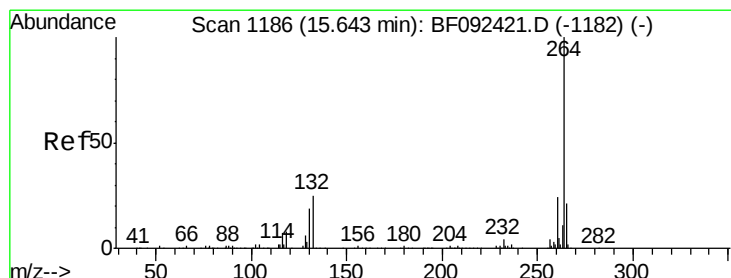
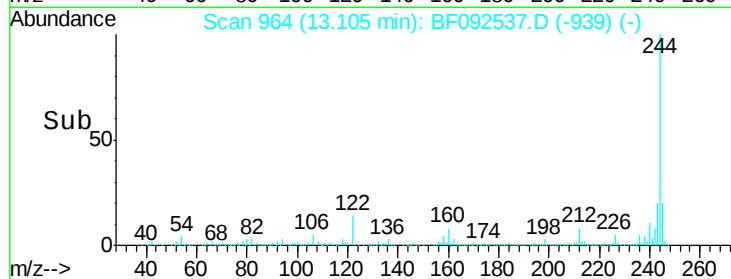
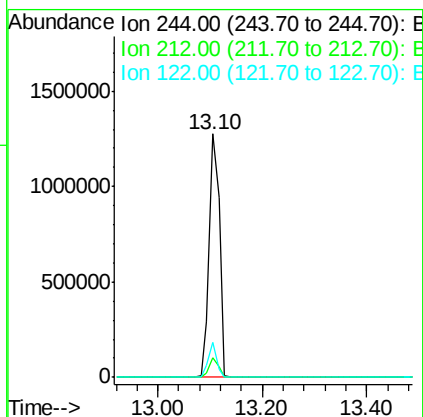
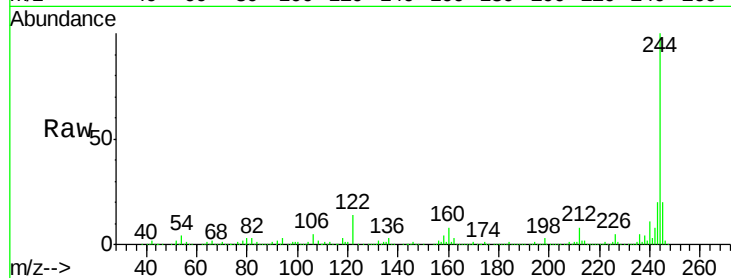




#78
 Terphenyl-d14
 Concen: 84.84 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tgt Ion:244 Resp: 1741167
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Tgt Ion:264 Resp: 333405
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.2 28.8
 265 20.7 17.4 26.0

