

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092835.D
 Acq On : 7 Feb 2017 18:29
 Operator : SJ/MA
 Sample : I1692-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Quant Time: Feb 07 23:49:11 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

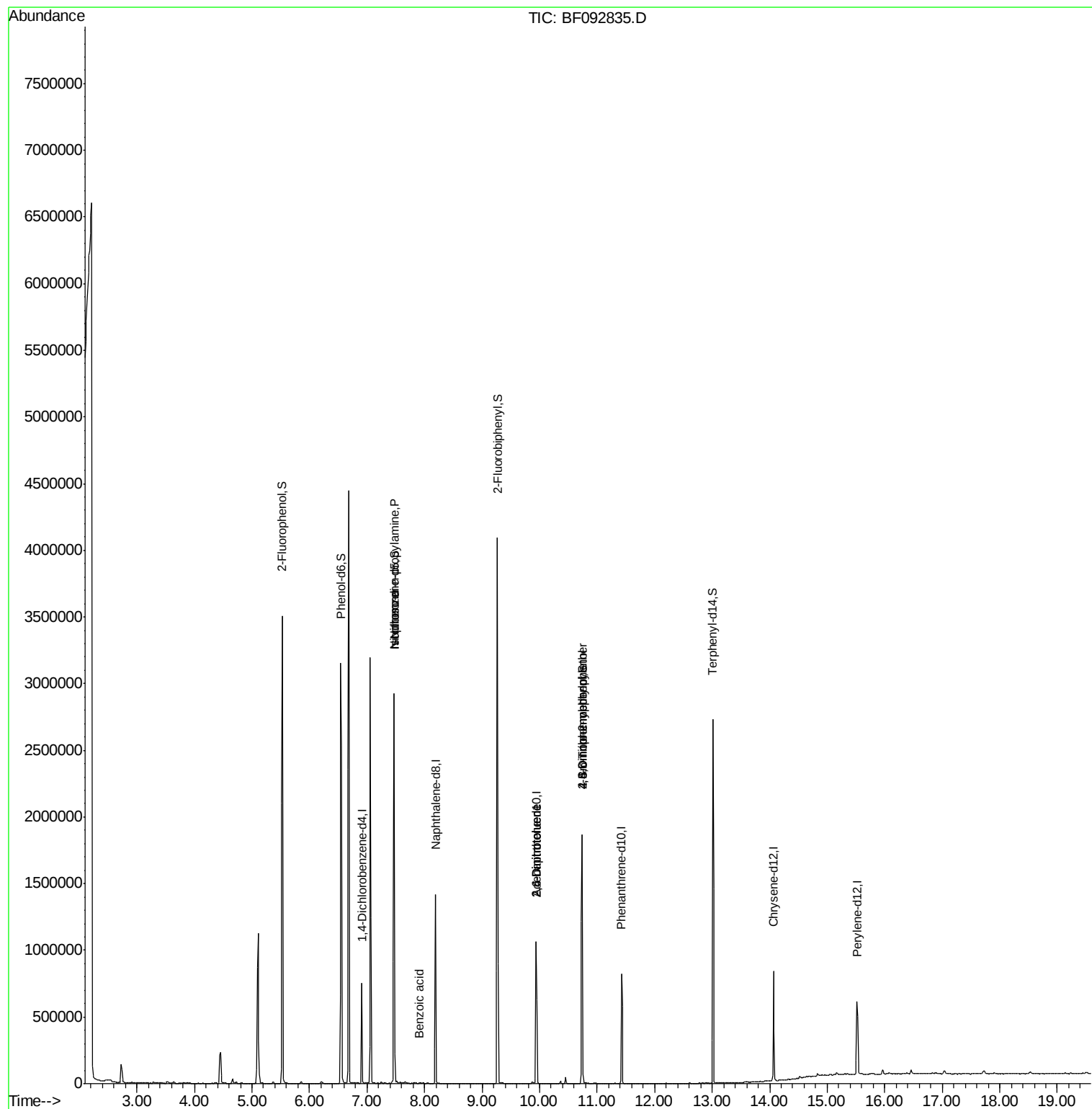
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	167221	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	599363	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	285945	20.00	ng	-0.07
63) Phenanthrene-d10	11.43	188	400508	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	315681	20.00	ng	-0.08
86) Perylene-d12	15.52	264	274277	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1126507	115.58	ng	-0.04
7) Phenol-d6	6.54	99	1577047	125.75	ng	-0.06
23) Nitrobenzene-d5	7.47	82	942814	87.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	269505	130.31	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1382814	87.61	ng	-0.07
78) Terphenyl-d14	13.01	244	1039519	77.37	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	127823	16.01	ng	# 83
25) Isophorone	7.47	82	932164	46.48	ng	# 65
32) Benzoic acid	7.92	122	713	7.28	ng	94
50) 2,6-Dinitrotoluene	9.94	165	35618	8.56	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	35611	6.43	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	318	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	19804	4.73	ng	# 1

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

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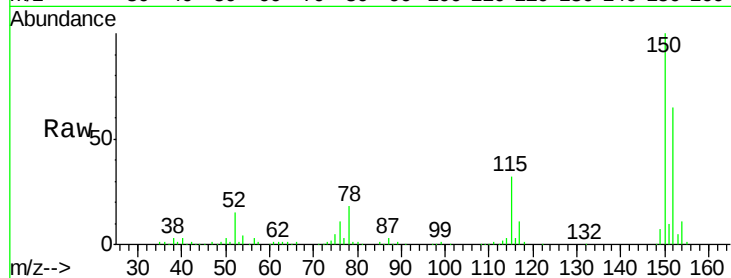


#1

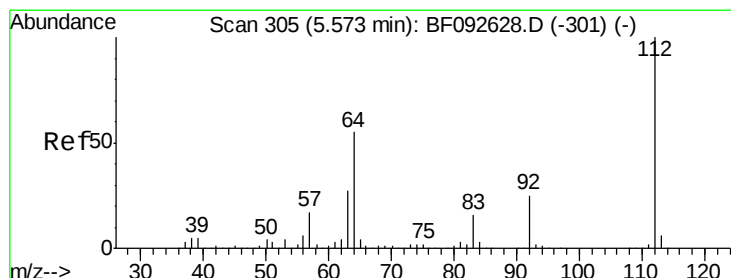
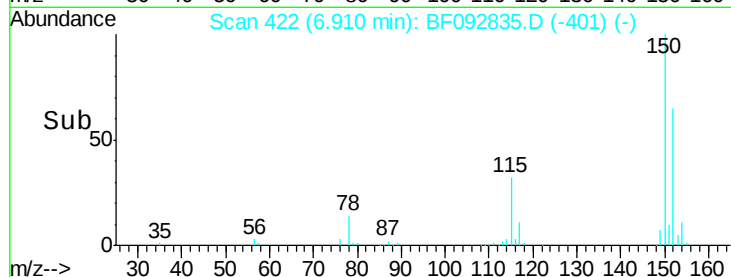
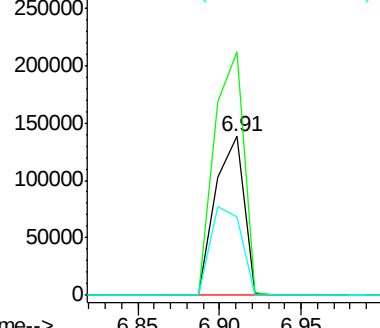
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

Tgt Ion:152 Resp: 167221
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 49.8 46.0 69.0



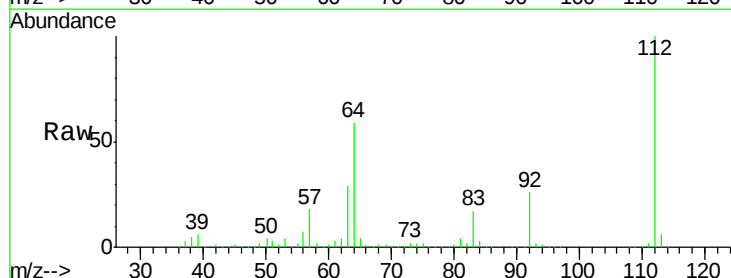
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



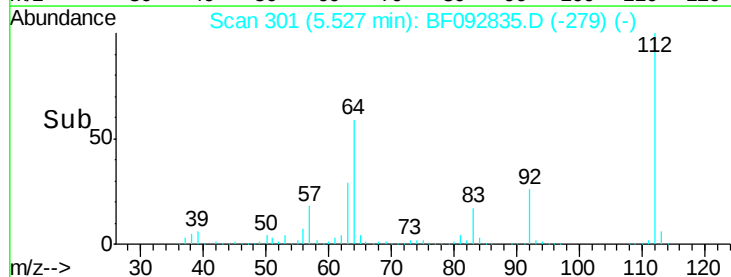
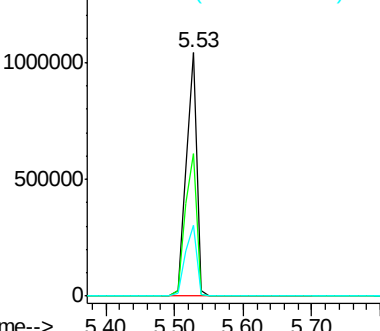
#5

2-Fluorophenol
Concen: 115.58 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Tgt Ion:112 Resp: 1126507
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 29.3 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: 125.75 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

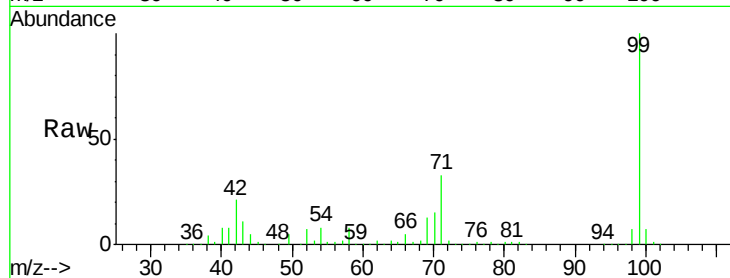
Tgt Ion: 99 Resp: 1577047

Ion Ratio Lower Upper

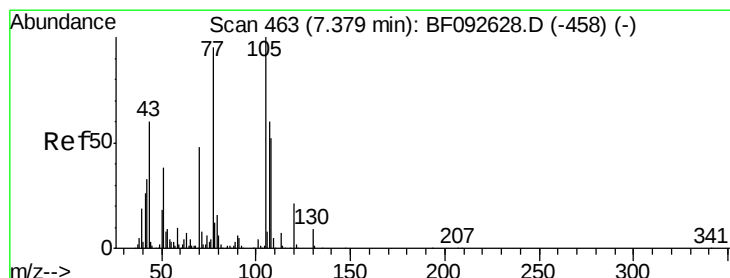
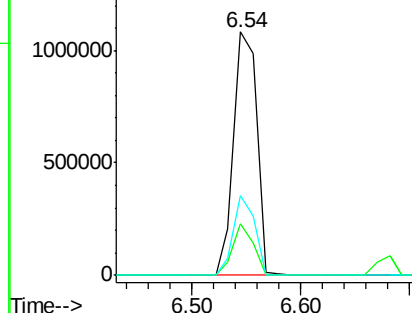
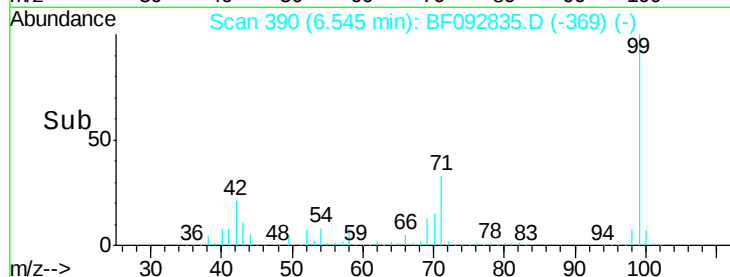
99 100

42 21.4 15.6 23.4

71 32.8 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: 16.01 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Tgt Ion: 70 Resp: 127823

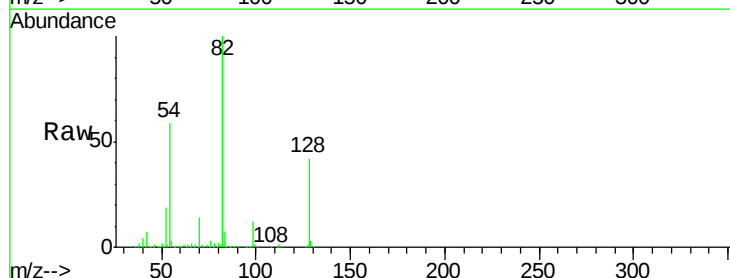
Ion Ratio Lower Upper

70 100

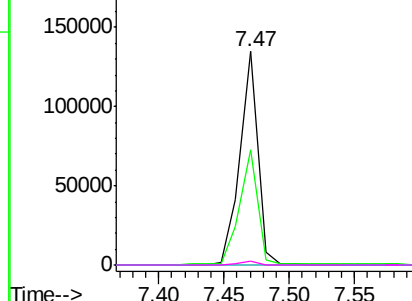
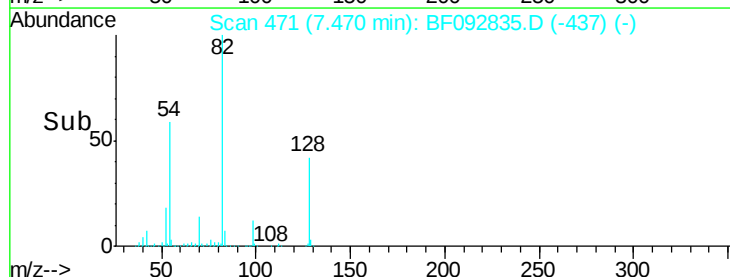
42 53.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 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): E
Ion 130.00 (129.70 to 130.70): E

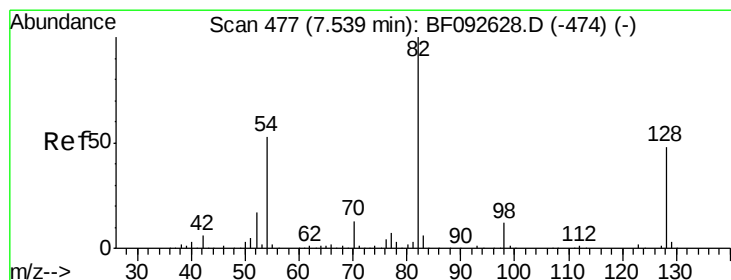
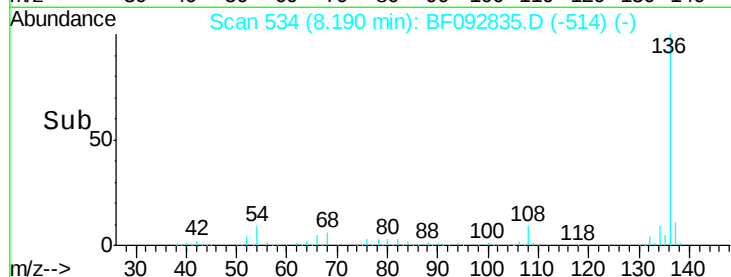
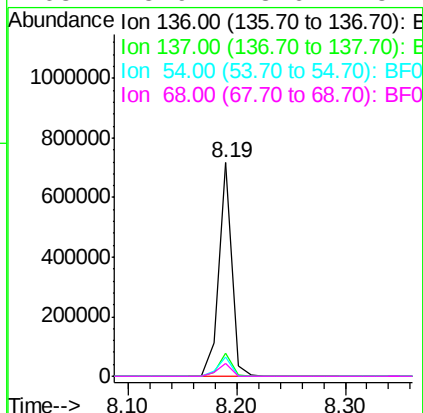
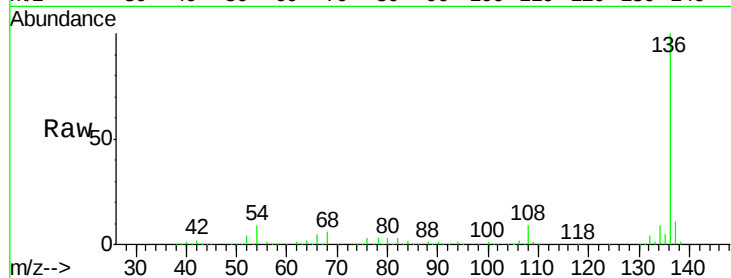




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

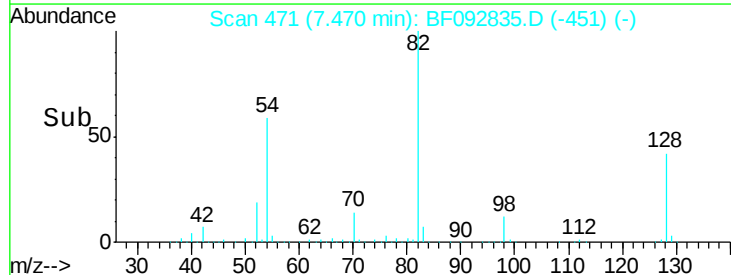
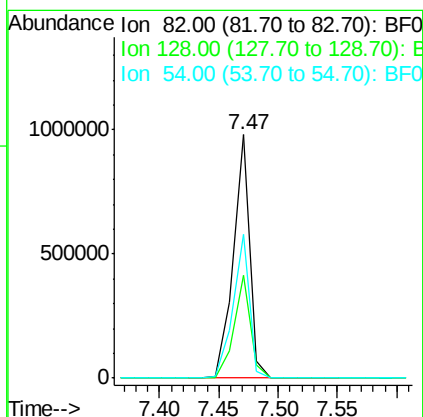
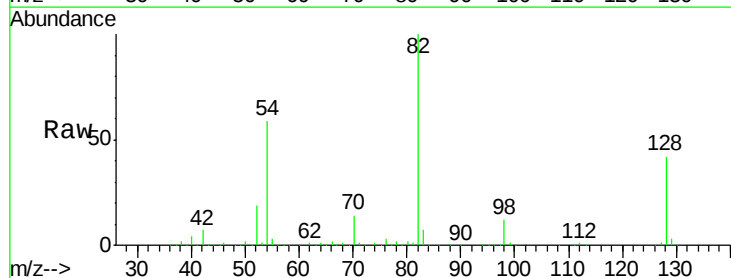
Instrument :
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ROLL-OFF-15-40-COMP

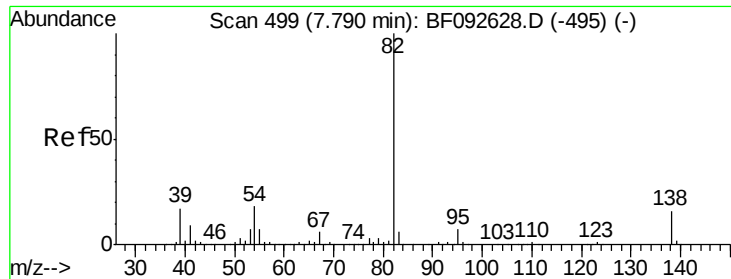
Tgt Ion:	136	Resp:	599363
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.2	4.5	6.7#
68	5.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.60 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Tgt Ion:	82	Resp:	942814
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	59.0	39.5	59.3





#25

Isophorone

Concen: 46.48 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

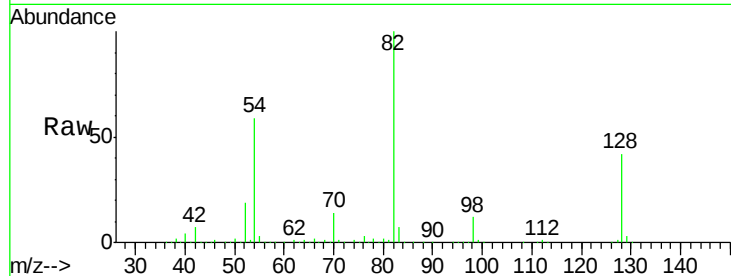
Tgt Ion: 82 Resp: 932164

Ion Ratio Lower Upper

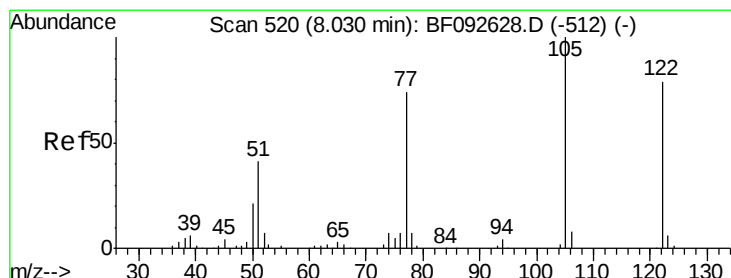
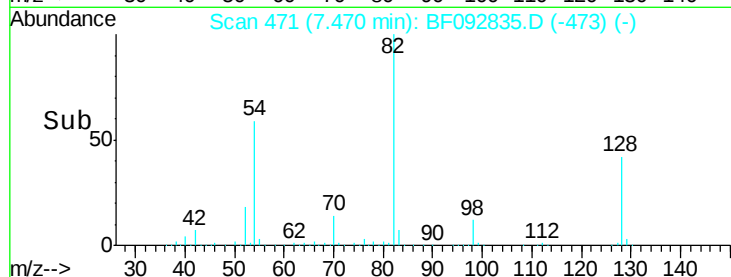
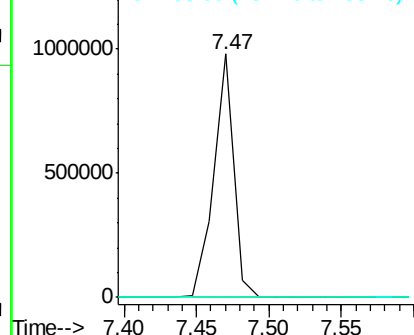
82 100

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: 7.28 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.11 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

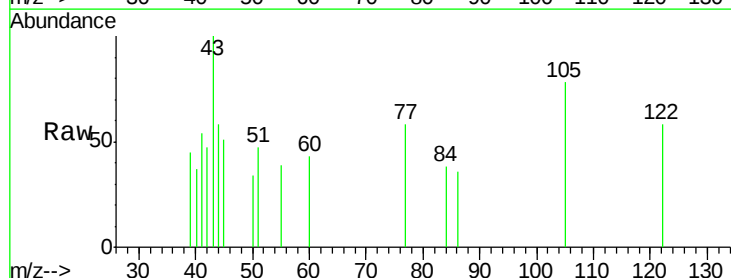
Tgt Ion: 122 Resp: 713

Ion Ratio Lower Upper

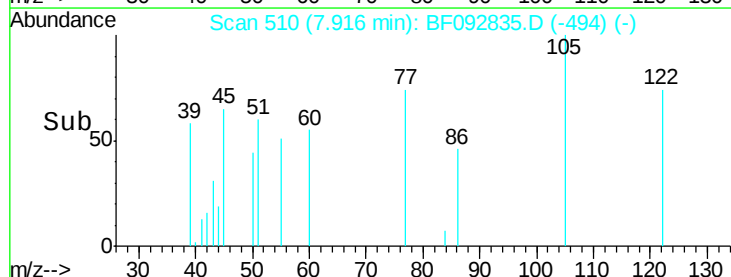
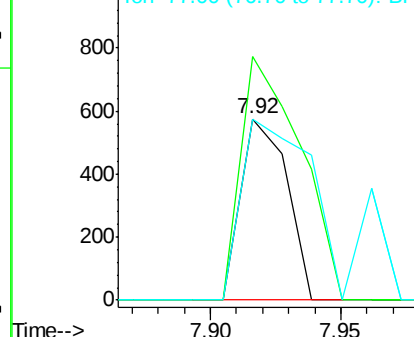
122 100

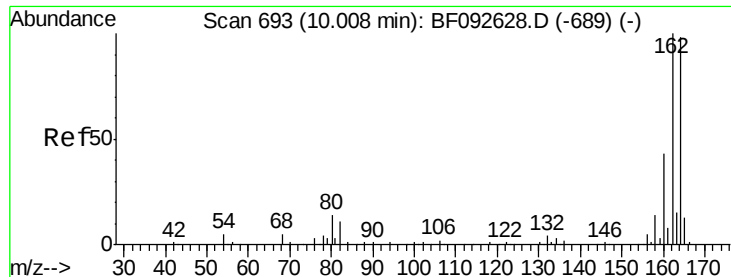
105 134.4 107.2 147.2

77 99.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

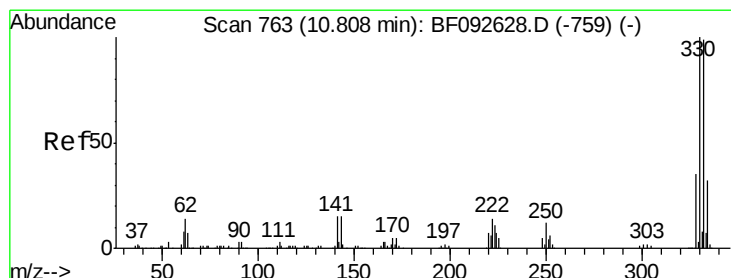
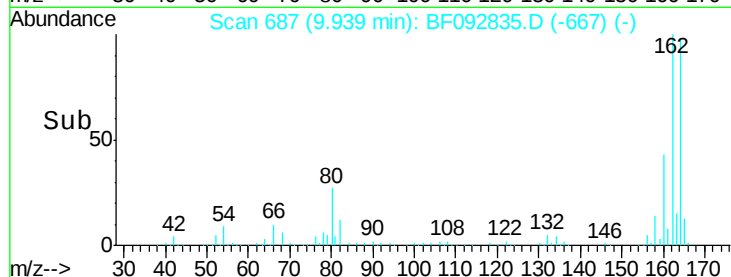
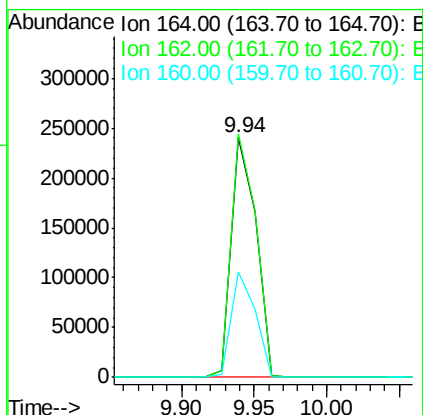
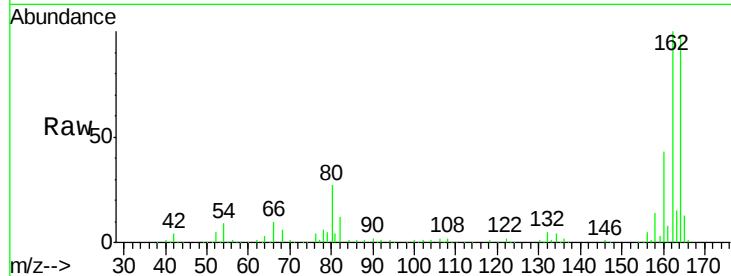




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

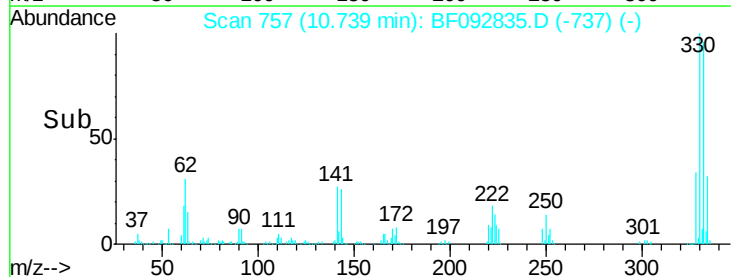
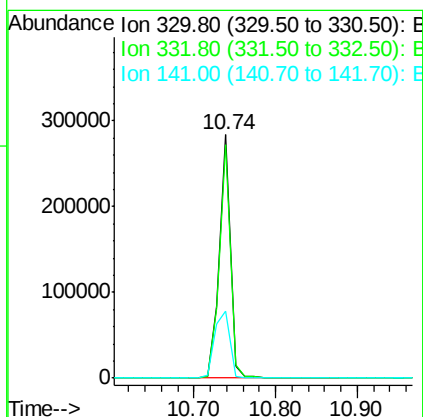
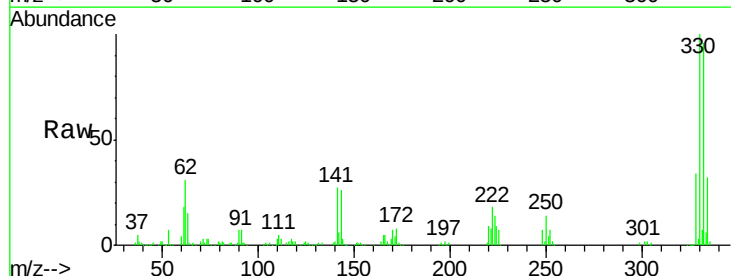
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tgt Ion:164 Resp: 285945
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 43.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 130.31 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Tgt Ion:330 Resp: 269505
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.8 34.1 51.1

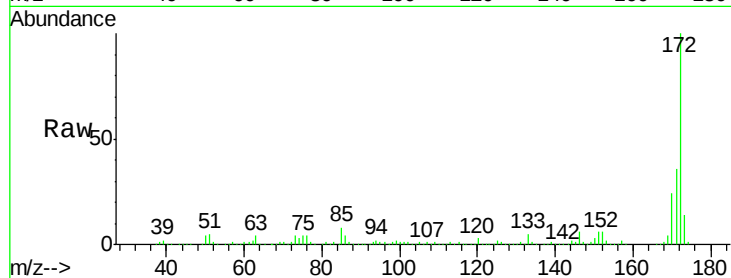




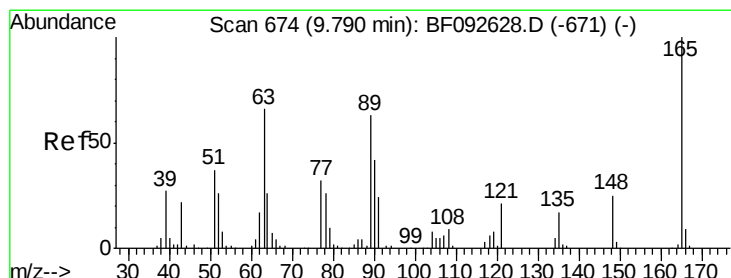
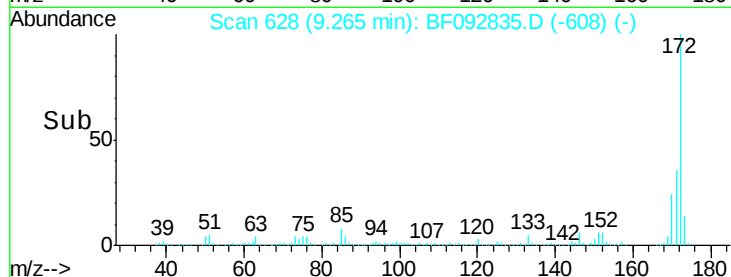
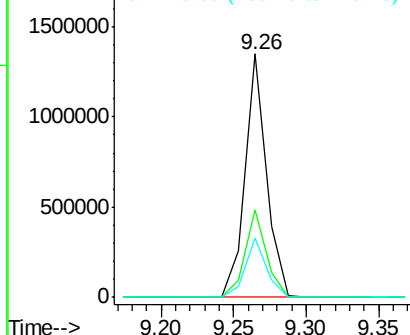
#44
 2-Fluorobiphenyl
 Concen: 87.61 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tgt Ion:172 Resp: 1382814
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 20.2 30.4

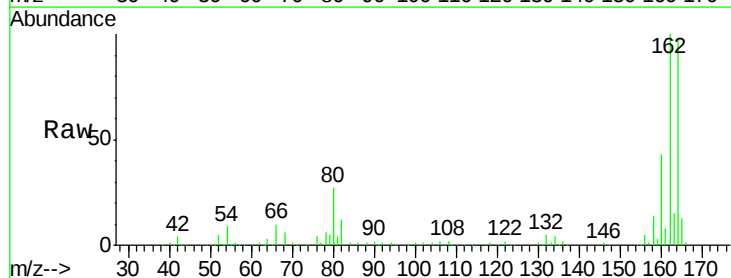


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

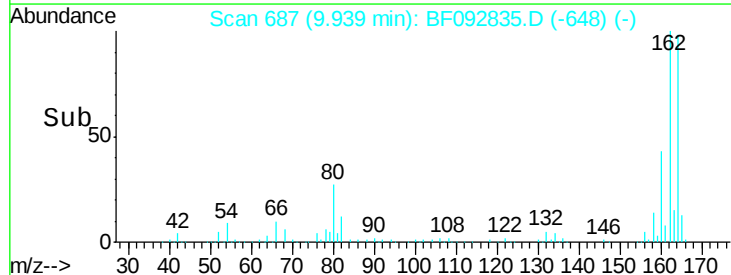
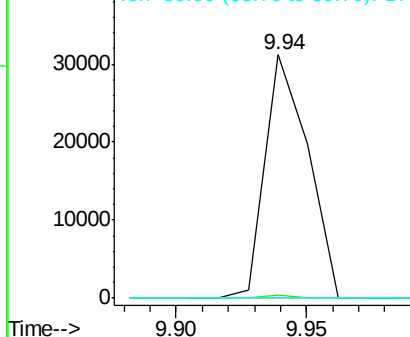


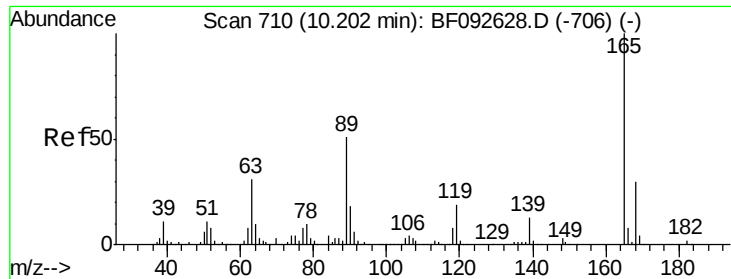
#50
 2,6-Dinitrotoluene
 Concen: 8.56 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Tgt Ion:165 Resp: 35618
 Ion Ratio Lower Upper
 165 100
 63 1.1 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

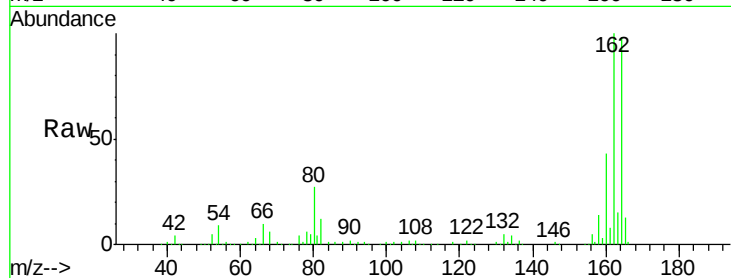




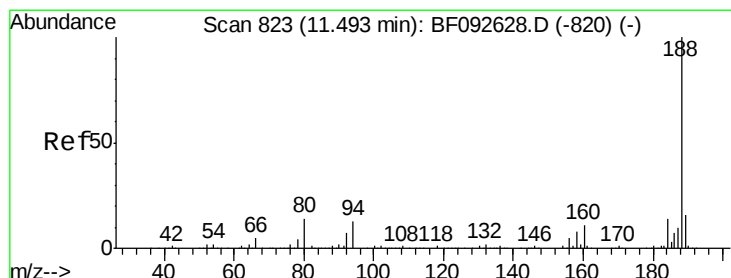
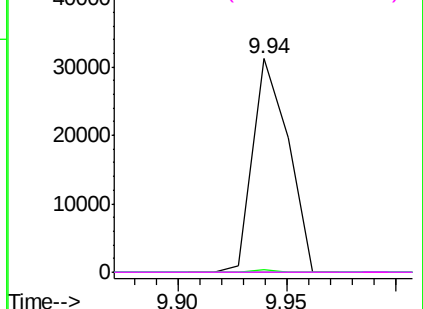
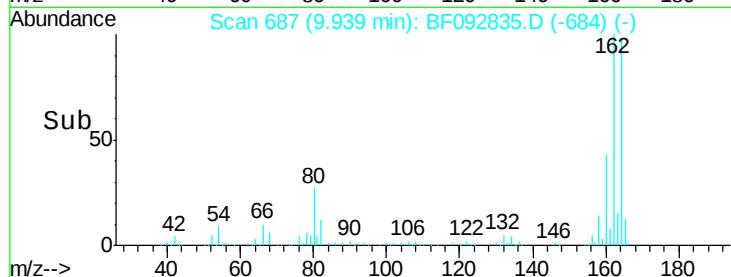
#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tgt Ion:165 Resp: 35611
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

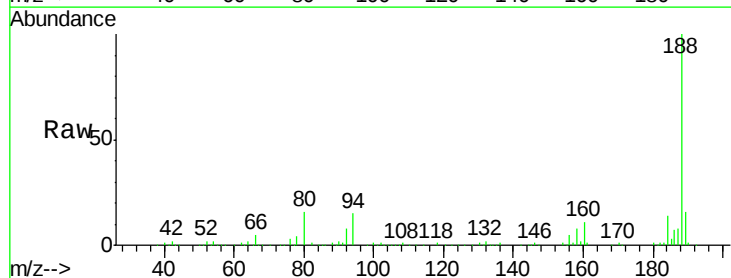


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

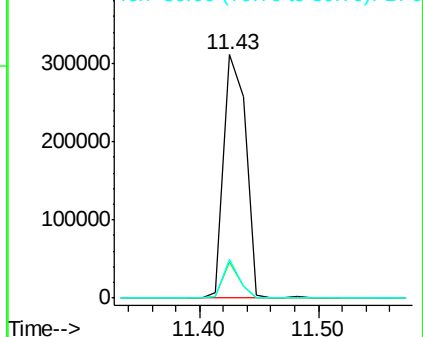
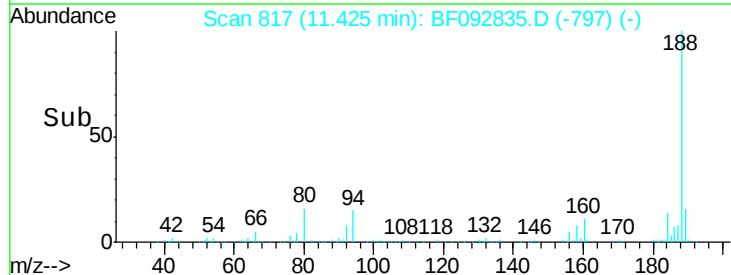


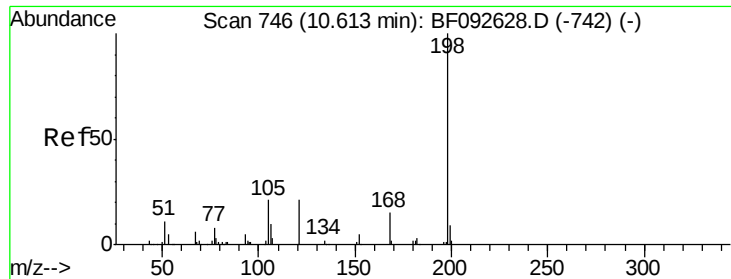
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Tgt Ion:188 Resp: 400508
 Ion Ratio Lower Upper
 188 100
 94 14.7 10.0 15.0
 80 15.8 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: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

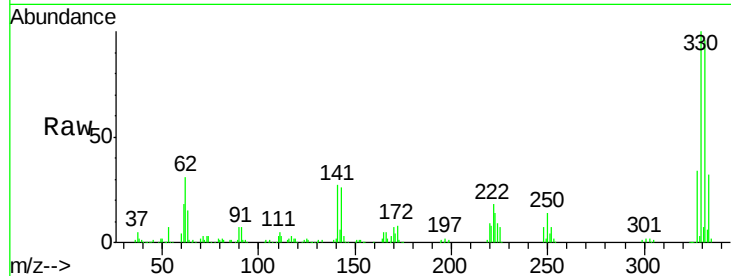
Tgt Ion:198 Resp: 318

Ion Ratio Lower Upper

198 100

51 177.3 6.7 46.7#

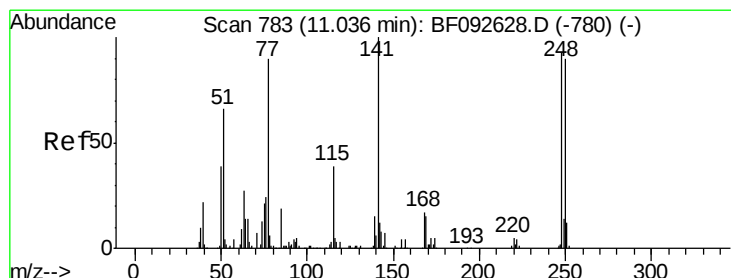
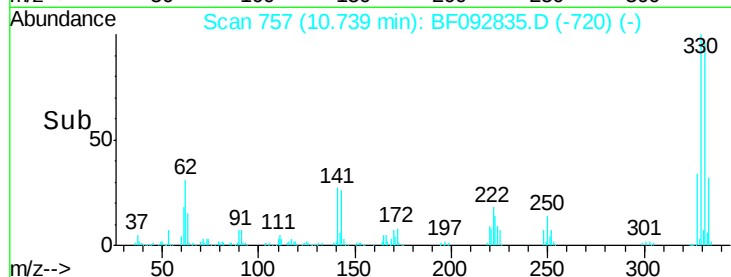
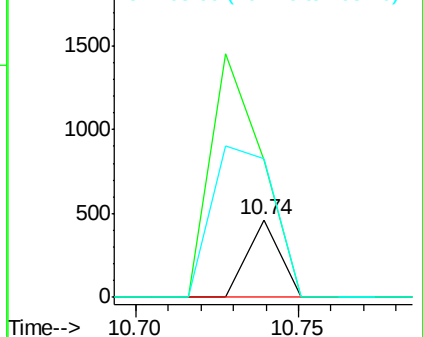
105 178.6 16.6 56.6#



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: 4.73 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

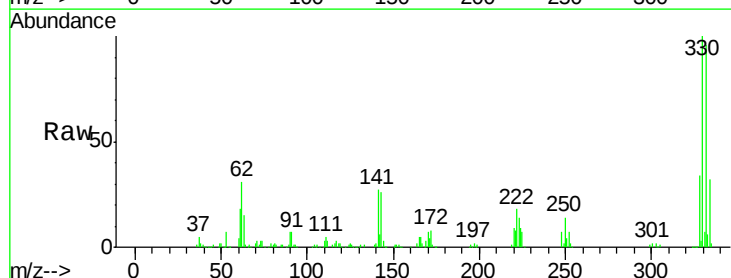
Tgt Ion:248 Resp: 19804

Ion Ratio Lower Upper

248 100

250 209.6 76.9 115.3#

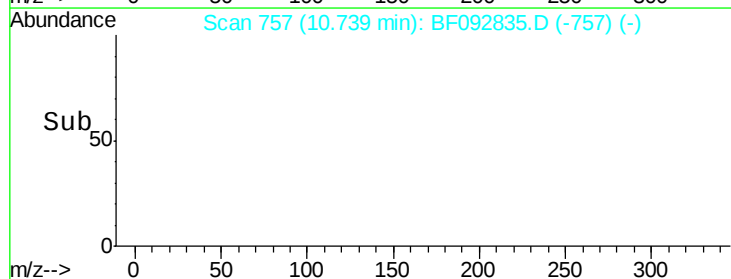
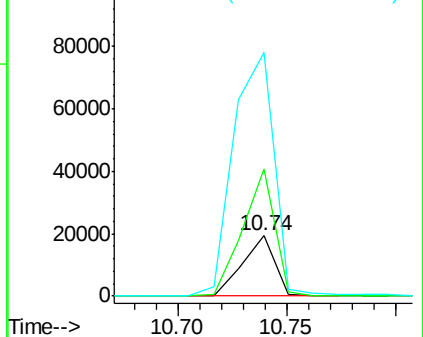
141 403.3 68.2 102.4#

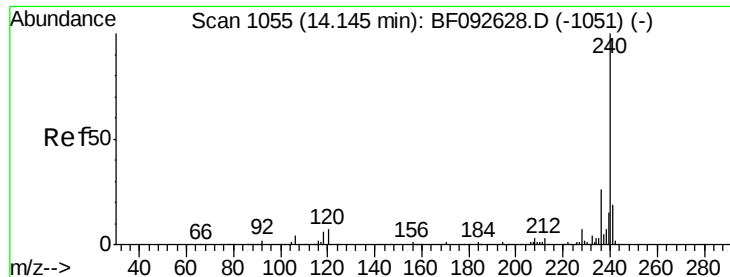


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

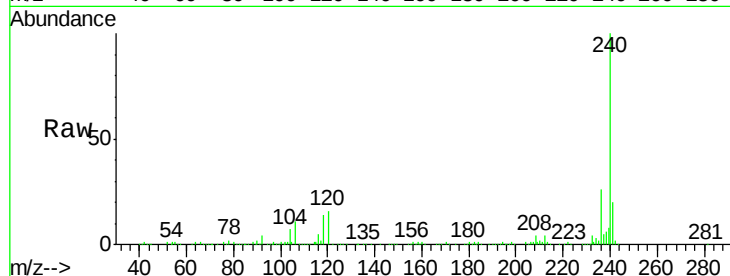
Tgt Ion:240 Resp: 315681

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

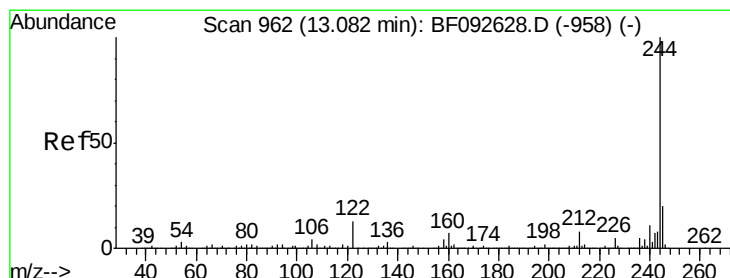
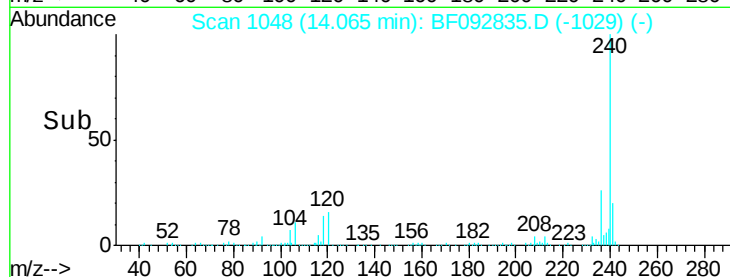
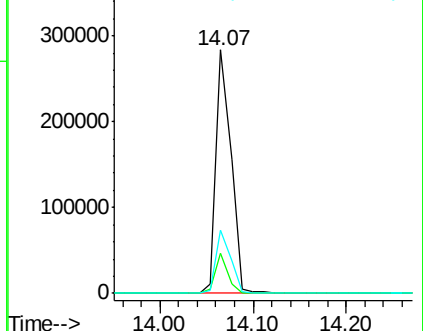
236 25.9 20.9 31.3



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: 77.37 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

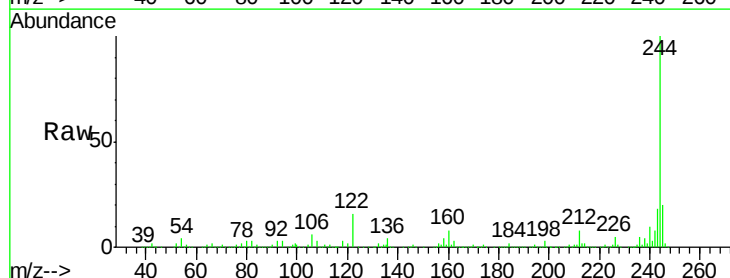
Tgt Ion:244 Resp: 1039519

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

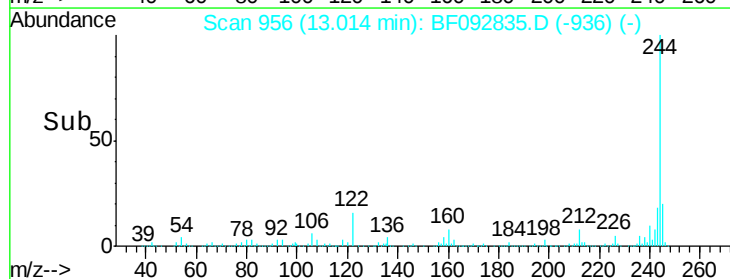
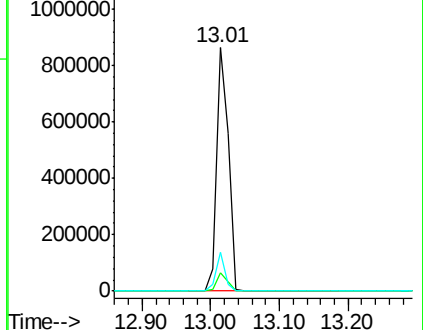
122 16.1 11.4 17.2

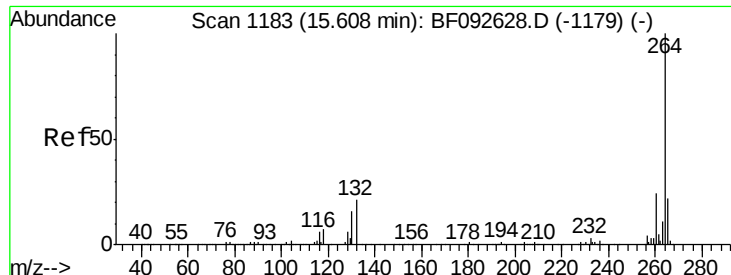


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 1175
Delta R.T. -0.09 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.4	26.0

