

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092839.D
 Acq On : 7 Feb 2017 20:18
 Operator : SJ/MA
 Sample : I1731-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Quant Time: Feb 07 23:51:18 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

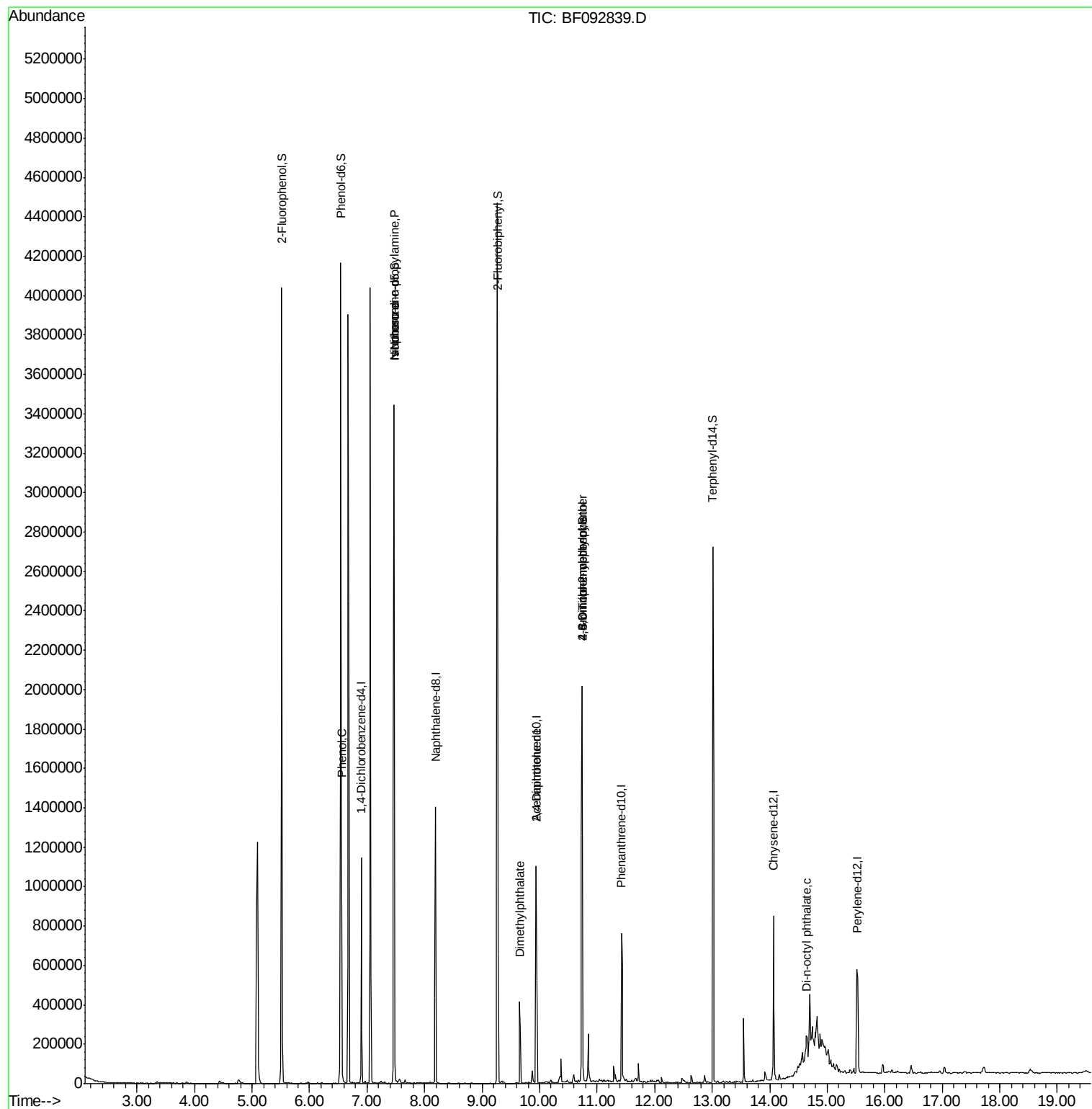
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160358	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	641403	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	278668	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	377997	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	308739	20.00	ng	-0.08
86) Perylene-d12	15.53	264	278595	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1173912	125.59	ng	-0.06
7) Phenol-d6	6.54	99	1654639	137.58	ng	-0.06
23) Nitrobenzene-d5	7.47	82	1156959	100.45	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	279085	138.47	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1455860	94.65	ng	-0.07
78) Terphenyl-d14	13.01	244	1045485	79.57	ng	-0.07
Target Compounds						
10) Phenol	6.56	94	111617	7.93	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.47	70	157909	20.63	ng	# 82
25) Isophorone	7.47	82	1137414	52.99	ng	# 65
49) Dimethylphthalate	9.65	163	230696	12.29	ng	99
56) 2,4-Dinitrotoluene	9.94	165	36084	6.69	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.74	198	683	2.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	21915	5.55	ng	# 1
84) Di-n-octyl phthalate	14.64	149	83118	3.98	ng	# 45

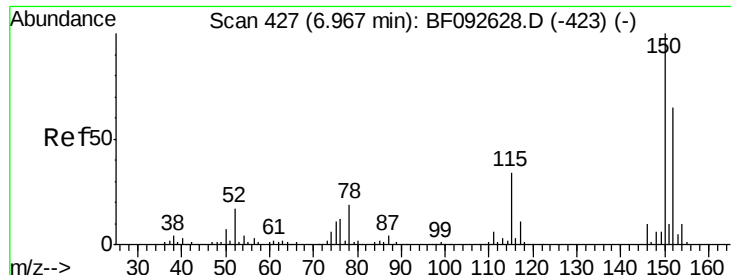
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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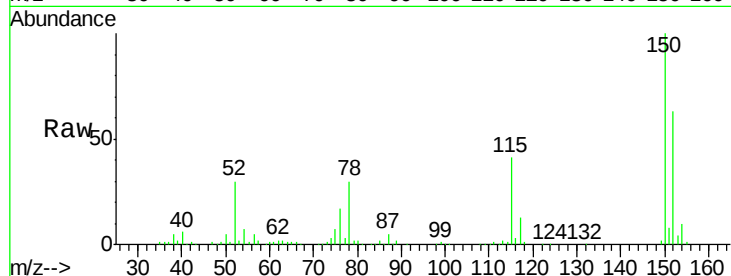


#1

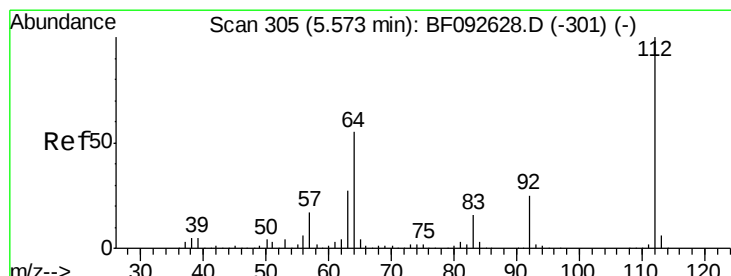
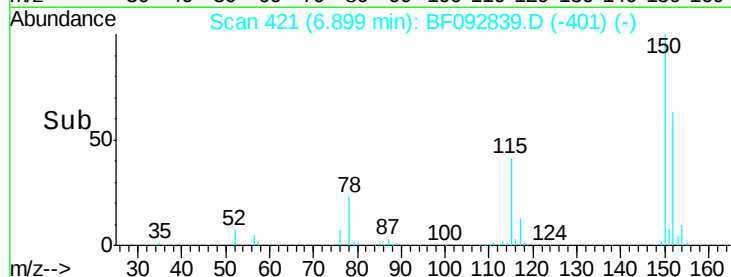
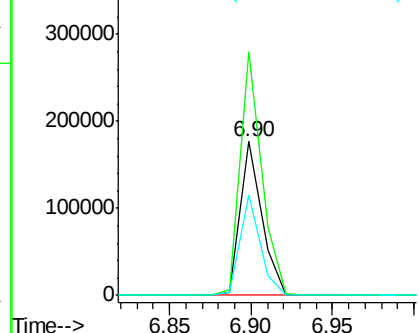
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Tgt Ion:152 Resp: 160358
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 65.6 46.0 69.0



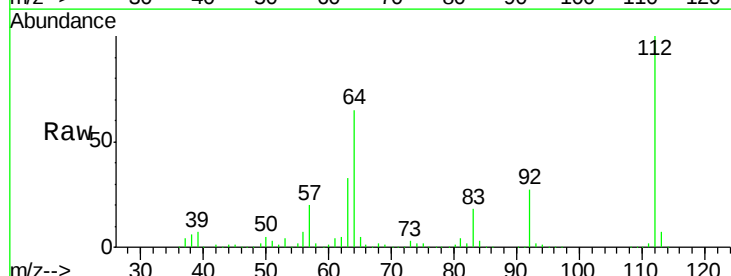
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



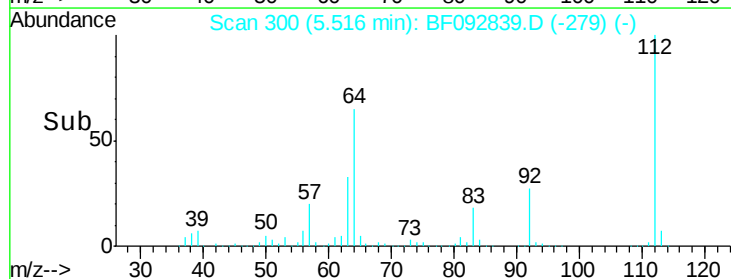
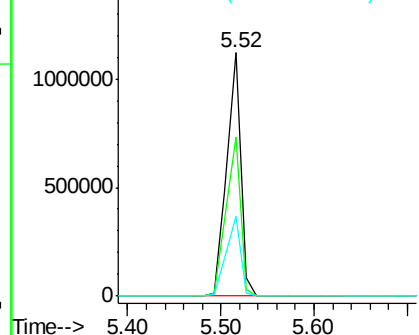
#5

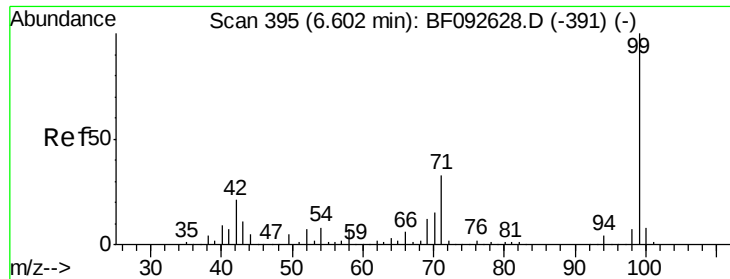
2-Fluorophenol
Concen: 125.59 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Tgt Ion:112 Resp: 1173912
Ion Ratio Lower Upper
112 100
64 65.4 46.1 69.1
63 32.6 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: 137.58 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

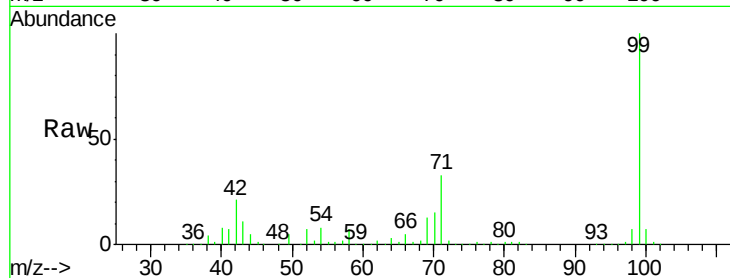
Tgt Ion: 99 Resp: 1654639

Ion Ratio Lower Upper

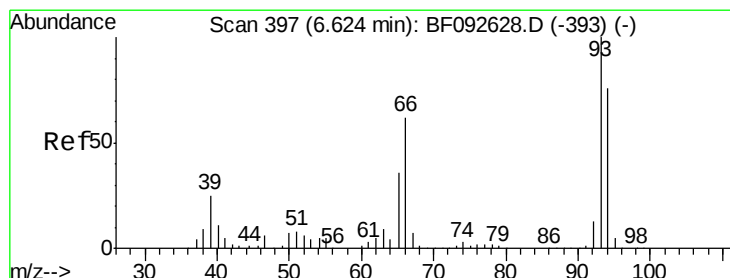
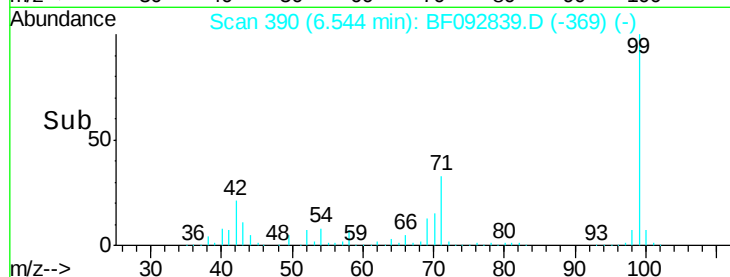
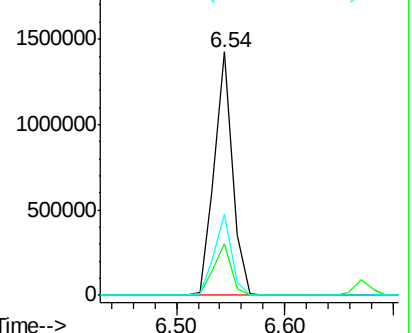
99 100

42 21.3 15.6 23.4

71 33.2 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: 7.93 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

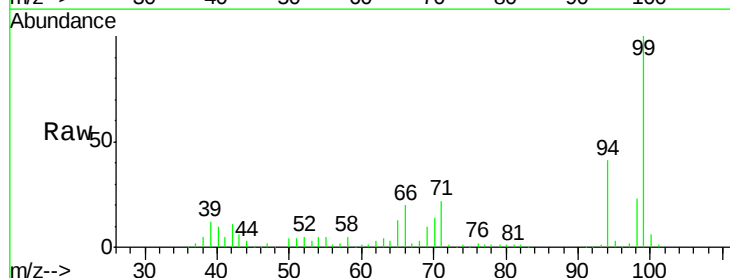
Tgt Ion: 94 Resp: 111617

Ion Ratio Lower Upper

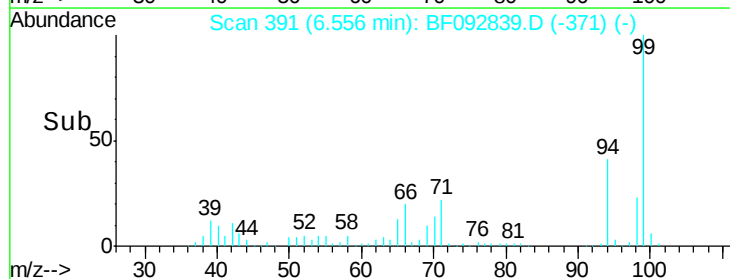
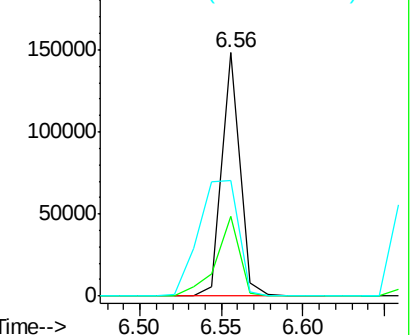
94 100

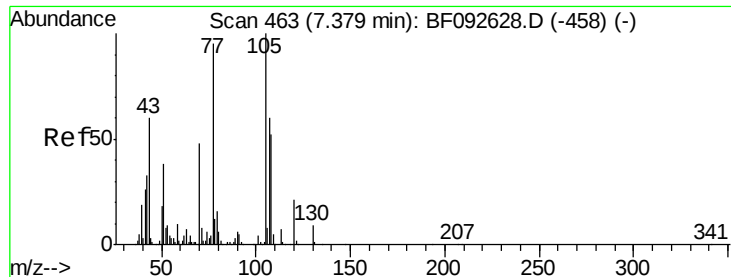
65 32.5 21.4 61.4

66 47.2 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

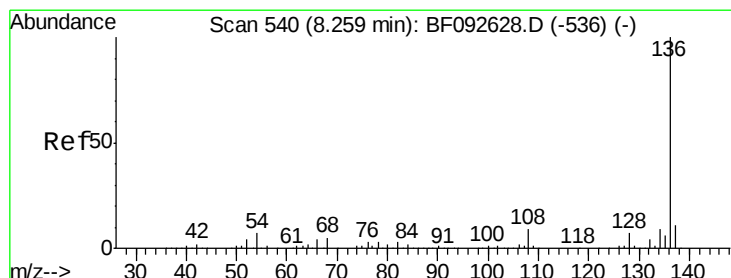
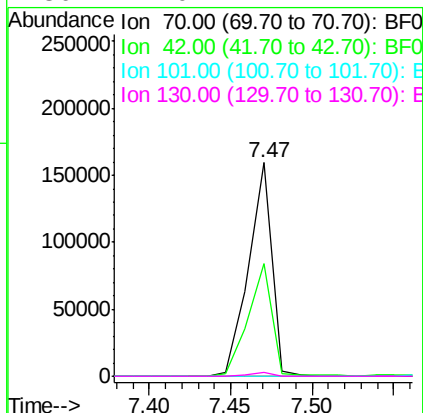
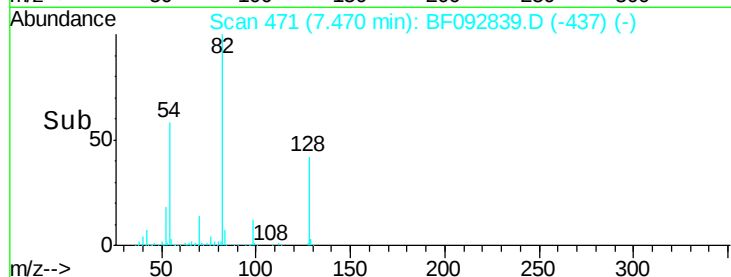
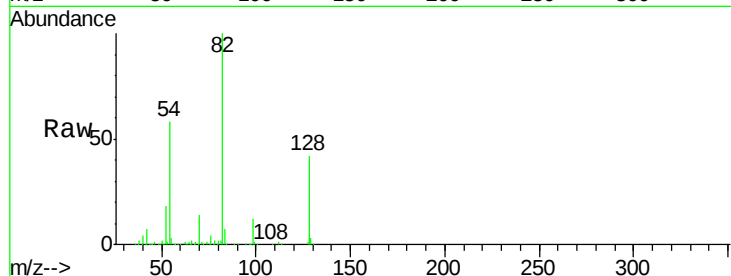




#19
n-Nitroso-di-n-propylamine
Concen: 20.63 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

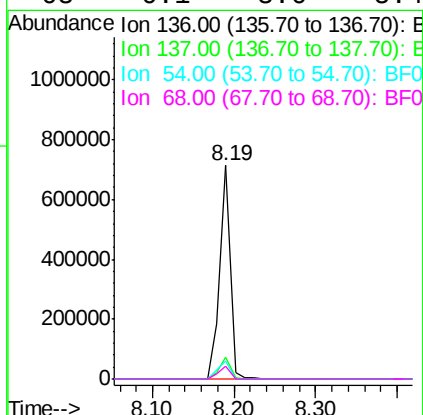
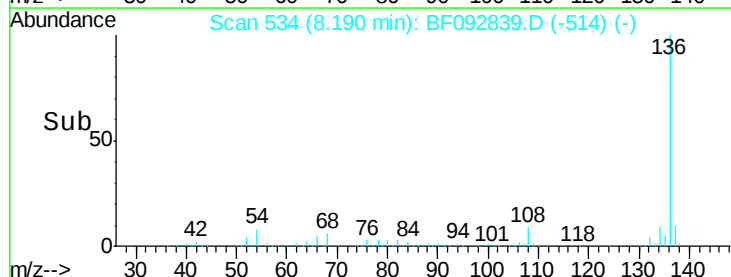
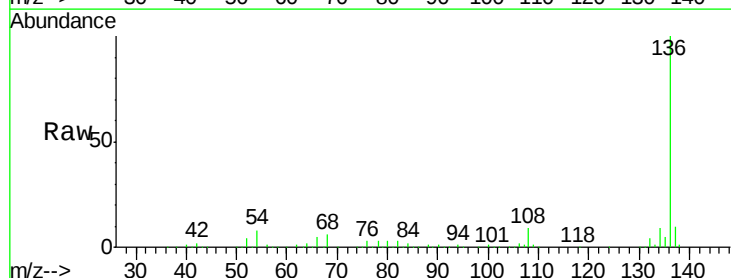
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

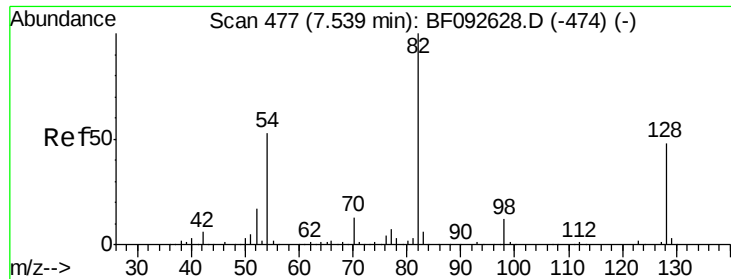
Tgt Ion: 70 Resp: 157909
Ion Ratio Lower Upper
70 100
42 52.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Tgt Ion: 136 Resp: 641403
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.3 4.5 6.7#
68 6.1 3.6 5.4#

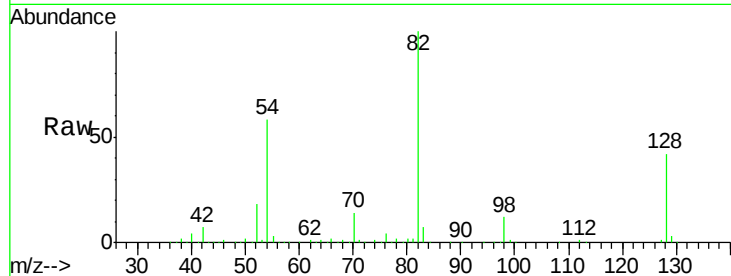




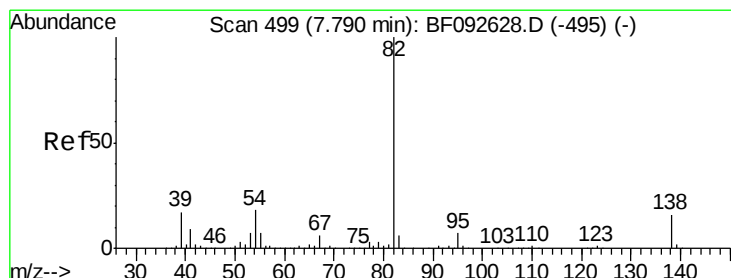
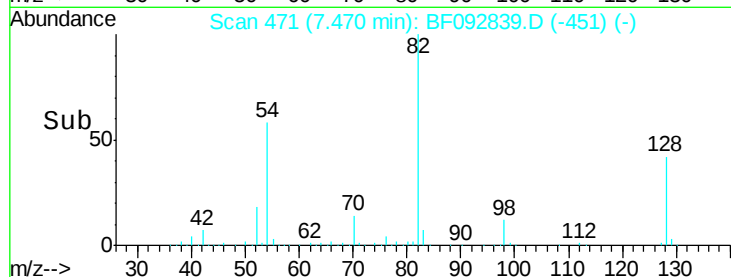
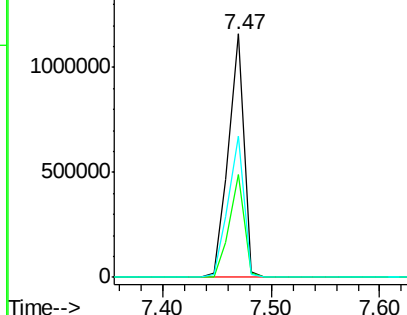
#23
Nitrobenzene-d5
Concen: 100.45 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Tgt Ion: 82 Resp: 1156959
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 57.9 39.5 59.3

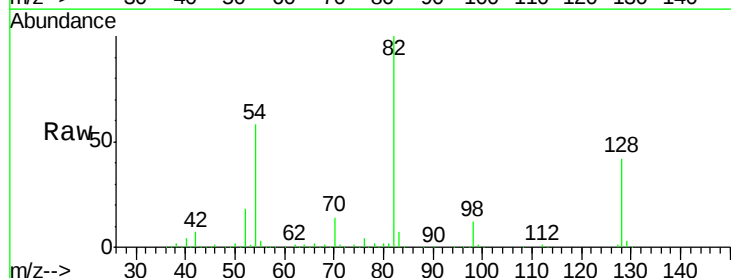


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

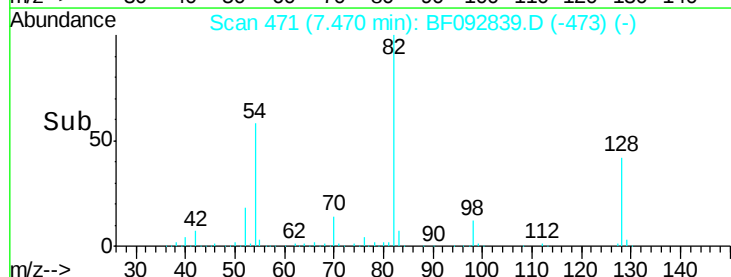
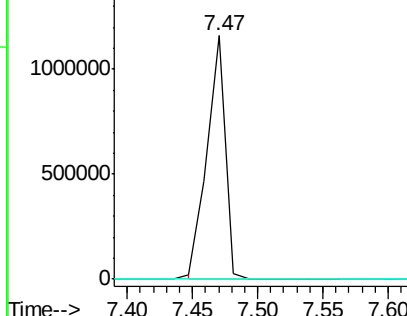


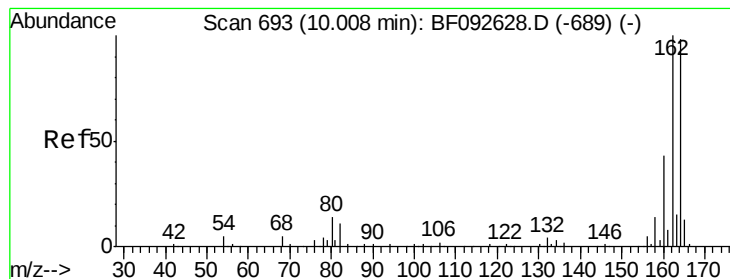
#25
Isophorone
Concen: 52.99 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.32 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Tgt Ion: 82 Resp: 1137414
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: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

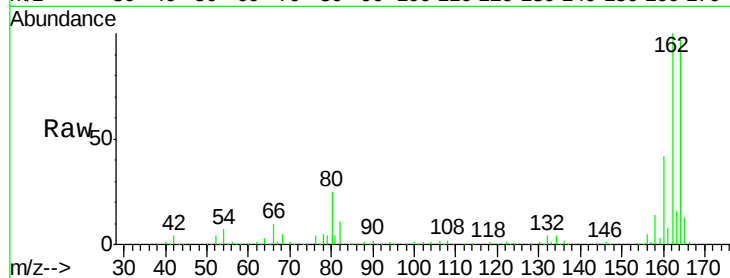
Tgt Ion:164 Resp: 278668

Ion Ratio Lower Upper

164 100

162 102.9 80.2 120.2

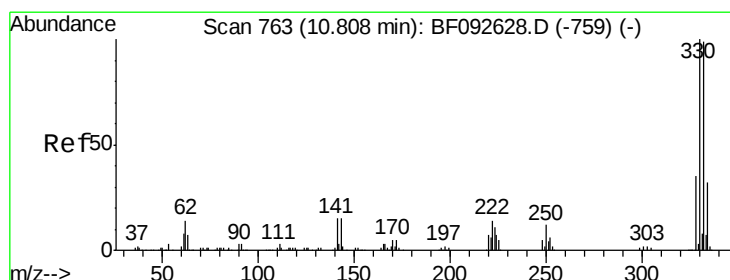
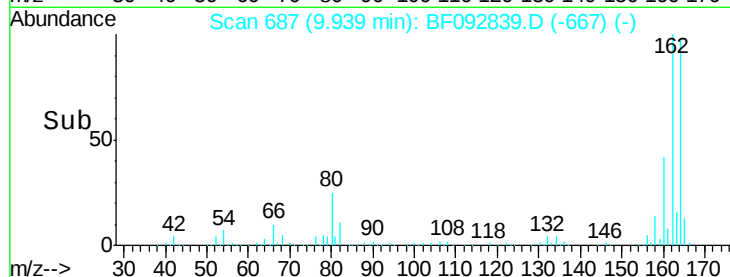
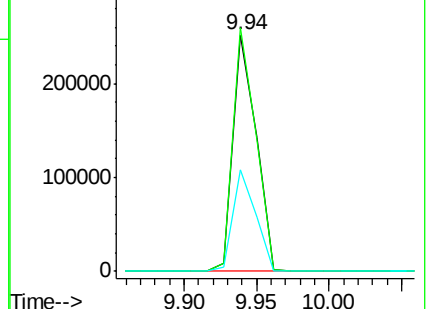
160 43.1 36.9 55.3



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: 138.47 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.07 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

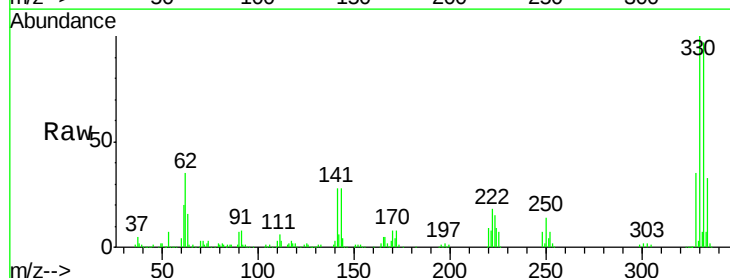
Tgt Ion:330 Resp: 279085

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

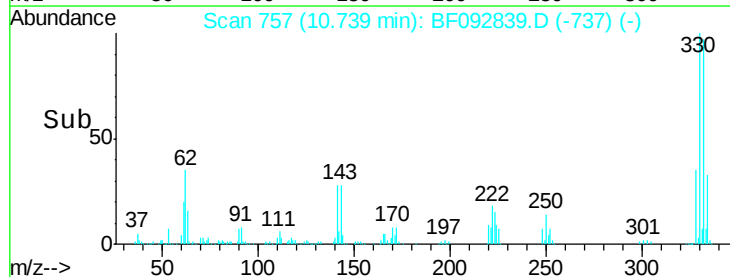
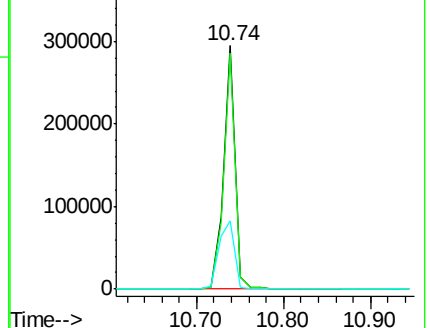
141 38.0 34.1 51.1

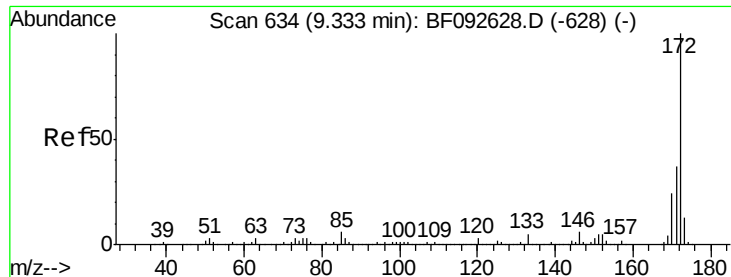


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

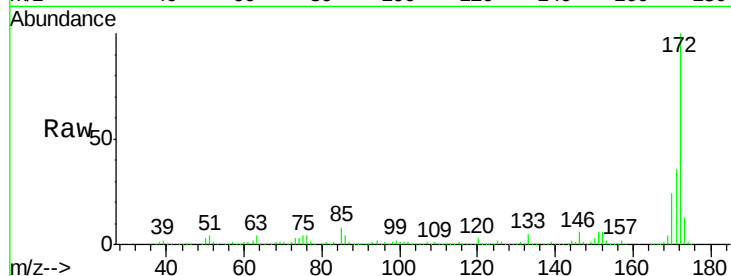




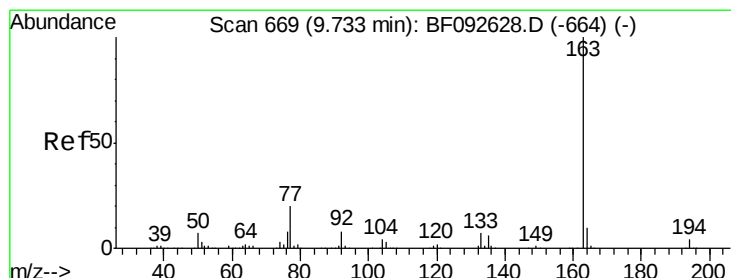
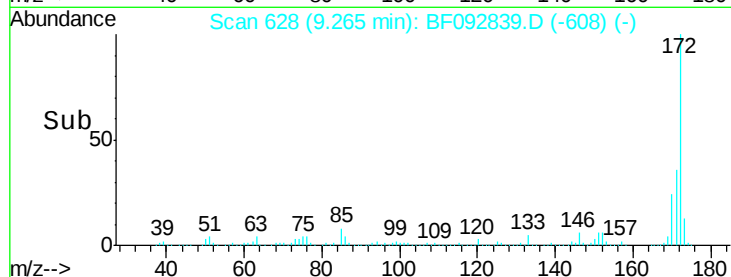
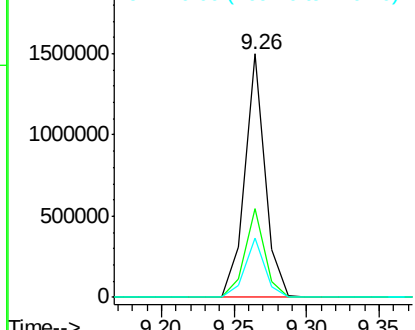
#44
 2-Fluorobiphenyl
 Concen: 94.65 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092839.D
 Acq: 7 Feb 2017 20:18

Instrument :
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Tgt Ion:172 Resp: 1455860
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 20.2 30.4

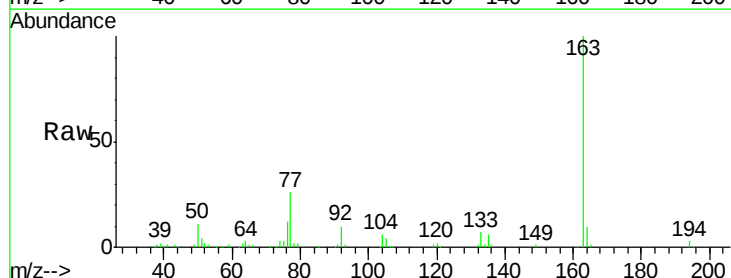


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

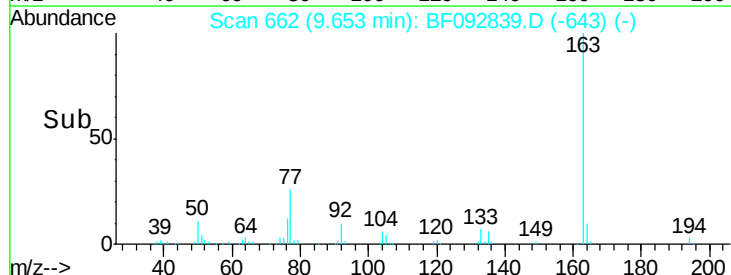
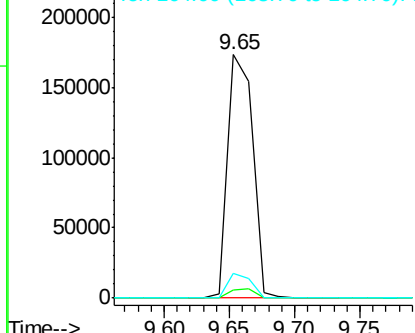


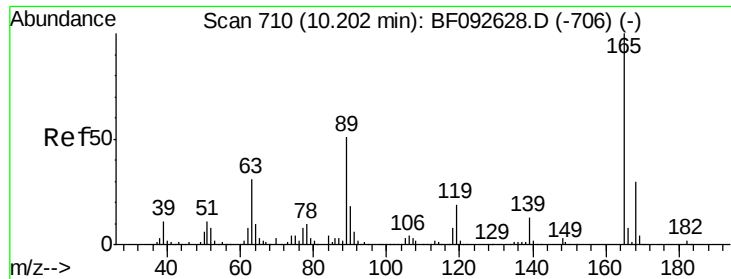
#49
 Dimethylphthalate
 Concen: 12.29 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.08 min
 Lab File: BF092839.D
 Acq: 7 Feb 2017 20:18

Tgt Ion:163 Resp: 230696
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.4 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

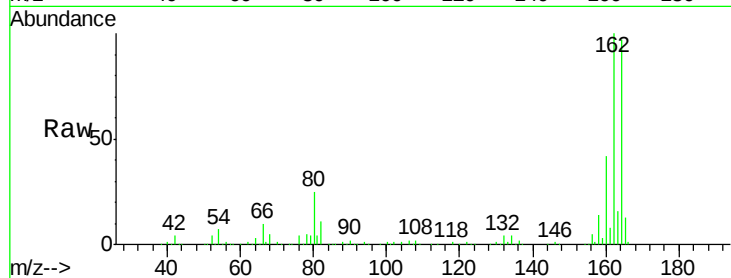




#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092839.D
 Acq: 7 Feb 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Tgt Ion:	165	Resp:	36084
Ion Ratio	Lower	Upper	
165	100		
63	0.9	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

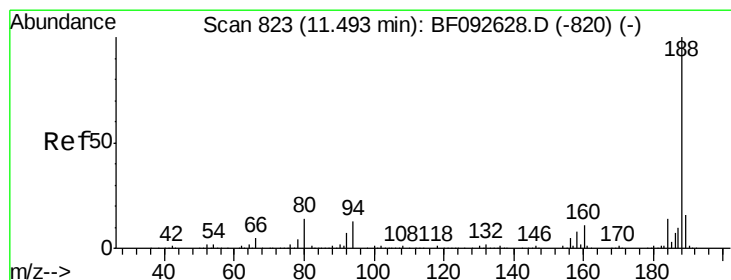
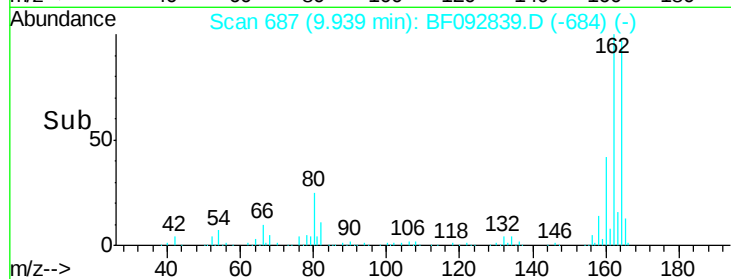
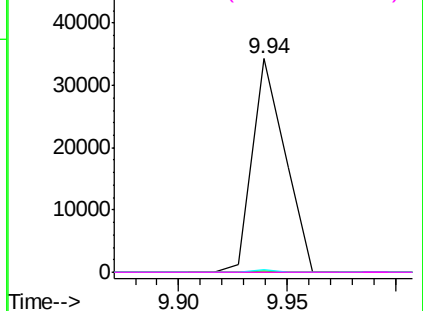


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

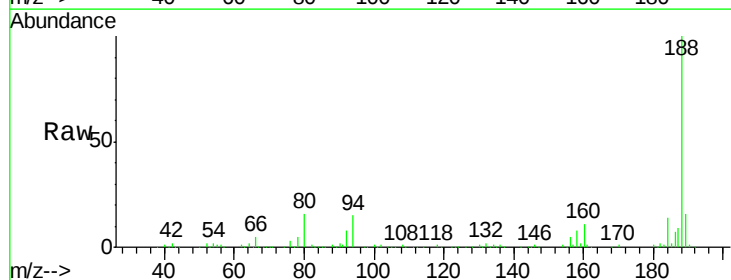
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092839.D
 Acq: 7 Feb 2017 20:18

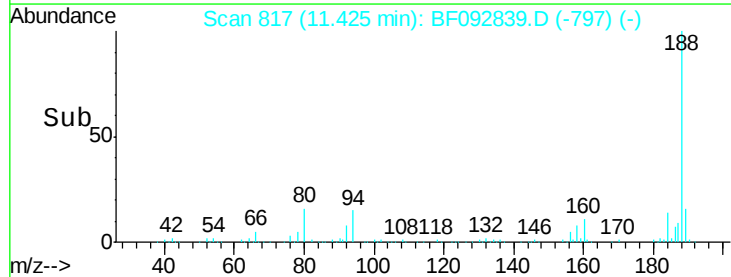
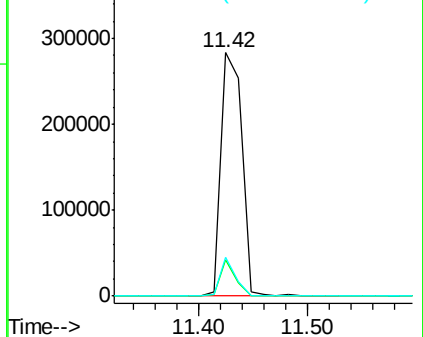
Tgt Ion:	188	Resp:	377997
Ion Ratio	Lower	Upper	
188	100		
94	14.7	10.0	15.0
80	15.9	11.2	16.8

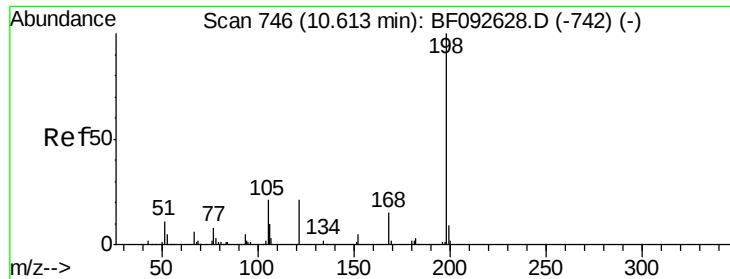


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.95 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

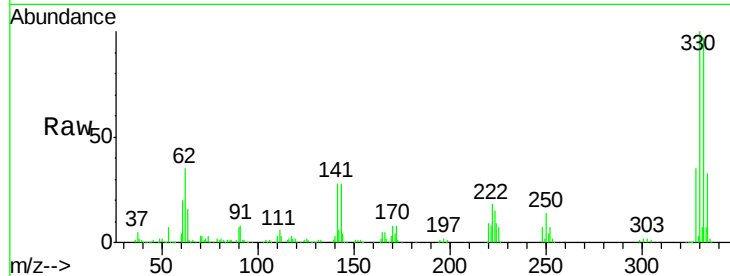
Tgt Ion:198 Resp: 683

Ion Ratio Lower Upper

198 100

51 108.6 6.7 46.7#

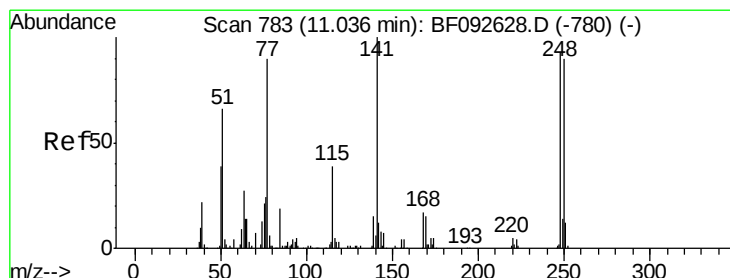
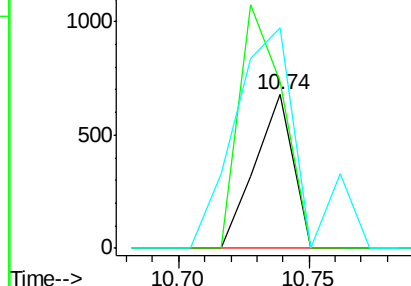
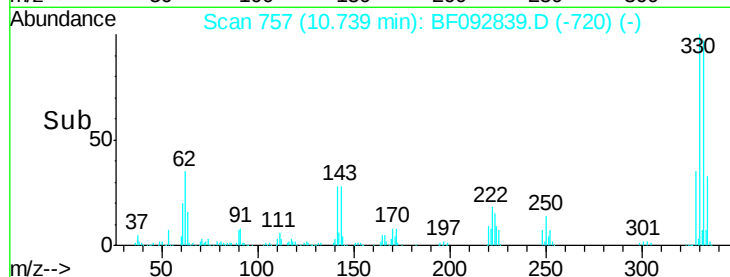
105 144.0 16.6 56.6#



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: 5.55 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

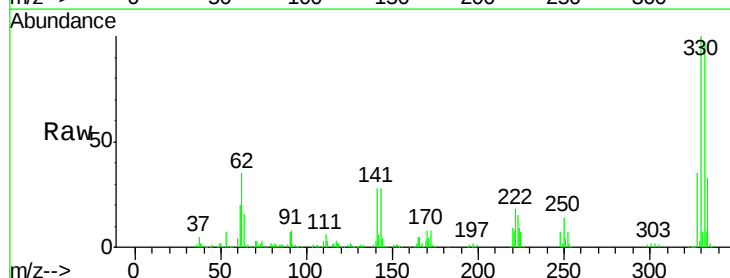
Tgt Ion:248 Resp: 21915

Ion Ratio Lower Upper

248 100

250 196.4 76.9 115.3#

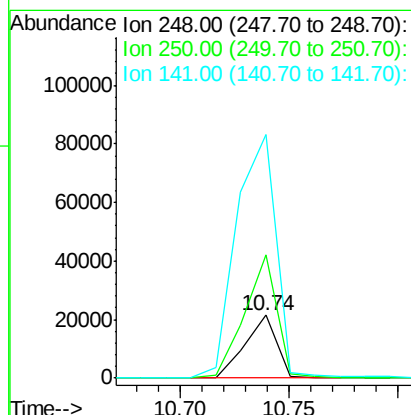
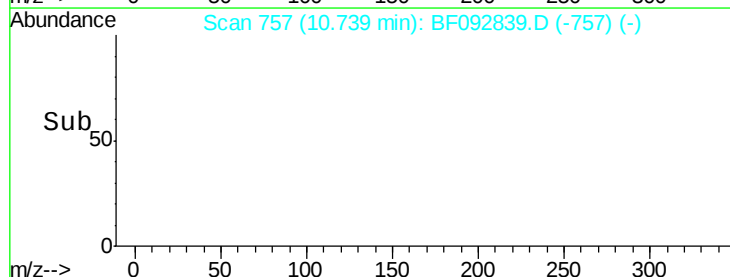
141 385.9 68.2 102.4#

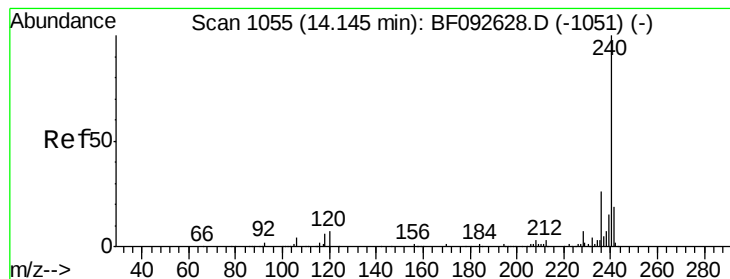


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092839.D

Acq: 7 Feb 2017 20:18

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

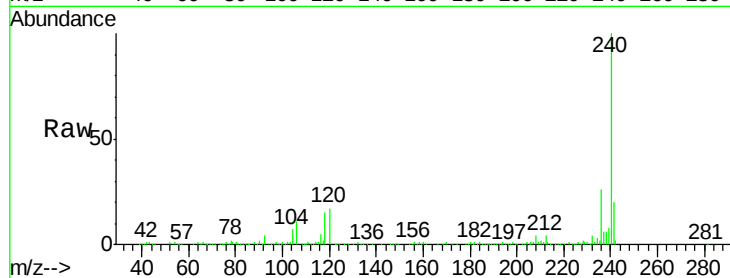
Tgt Ion:240 Resp: 308739

Ion Ratio Lower Upper

240 100

120 17.0 12.9 19.3

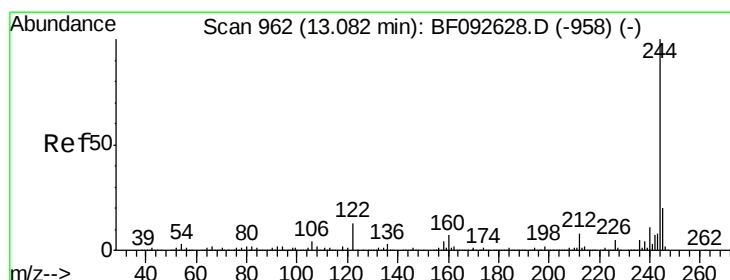
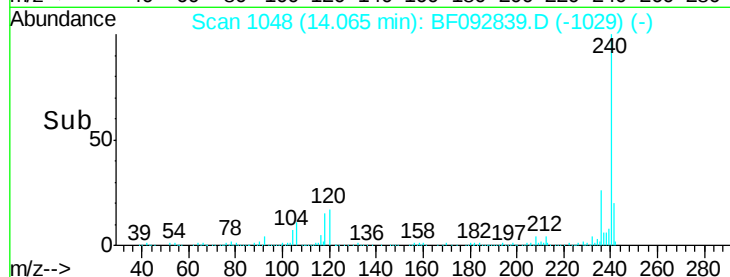
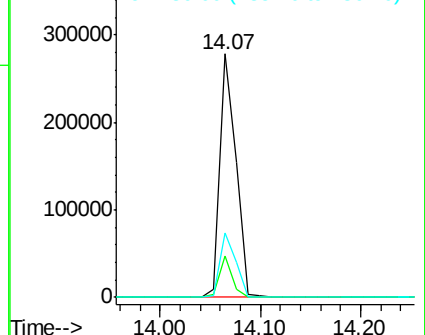
236 26.4 20.9 31.3



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: 79.57 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092839.D

Acq: 7 Feb 2017 20:18

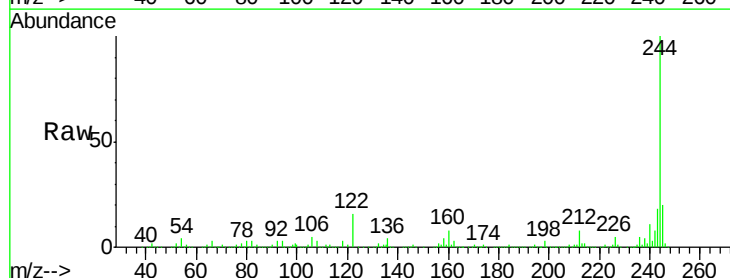
Tgt Ion:244 Resp: 1045485

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

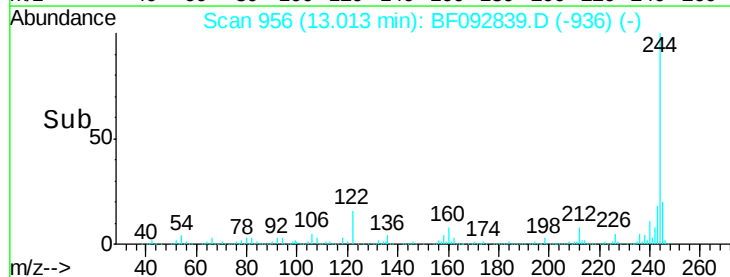
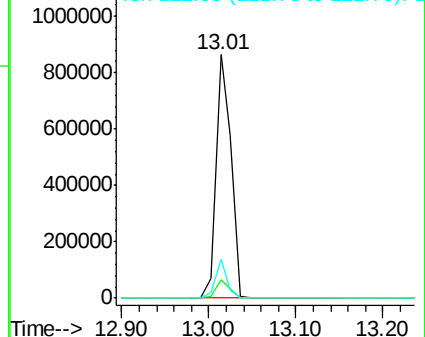
122 15.9 11.4 17.2

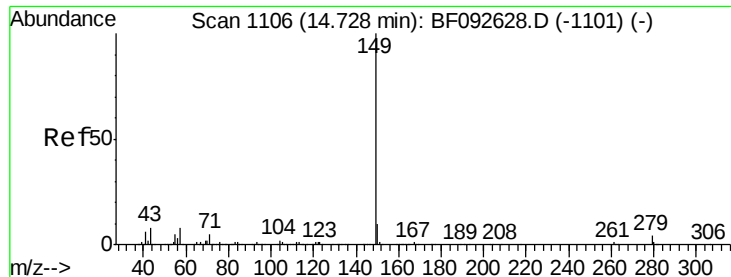


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

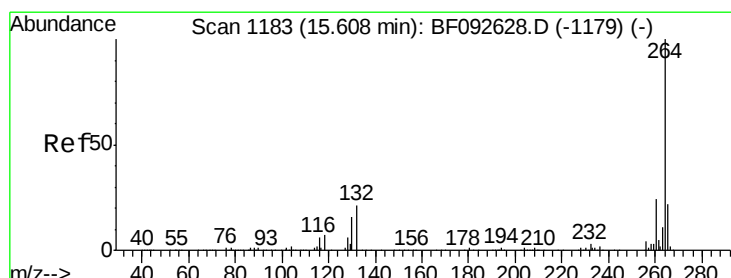
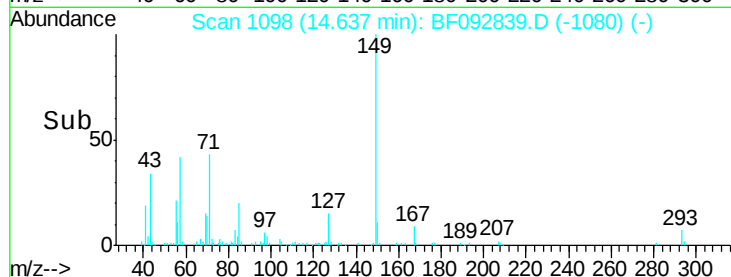
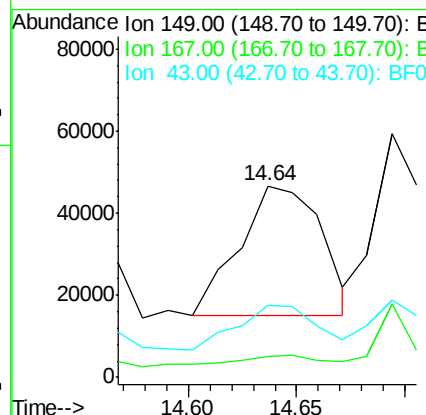
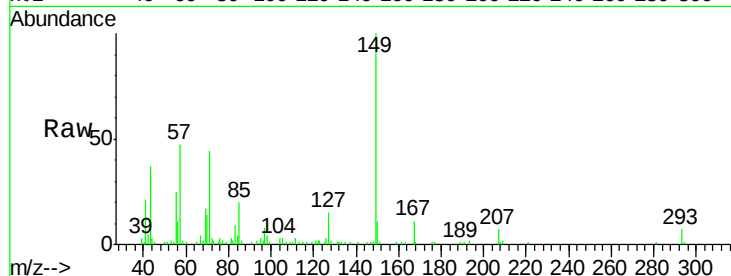




#84
Di-n-octyl phthalate
Concen: 3.98 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.09 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Tgt Ion:149 Resp: 83118
Ion Ratio Lower Upper
149 100
167 6.6 1.3 1.9#
43 34.1 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092839.D
Acq: 7 Feb 2017 20:18

Tgt Ion:264 Resp: 278595
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.5 17.4 26.0

