

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092715.D
 Acq On : 1 Feb 2017 20:14
 Operator : SJ/MA
 Sample : I1597-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Quant Time: Feb 01 23:51:27 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

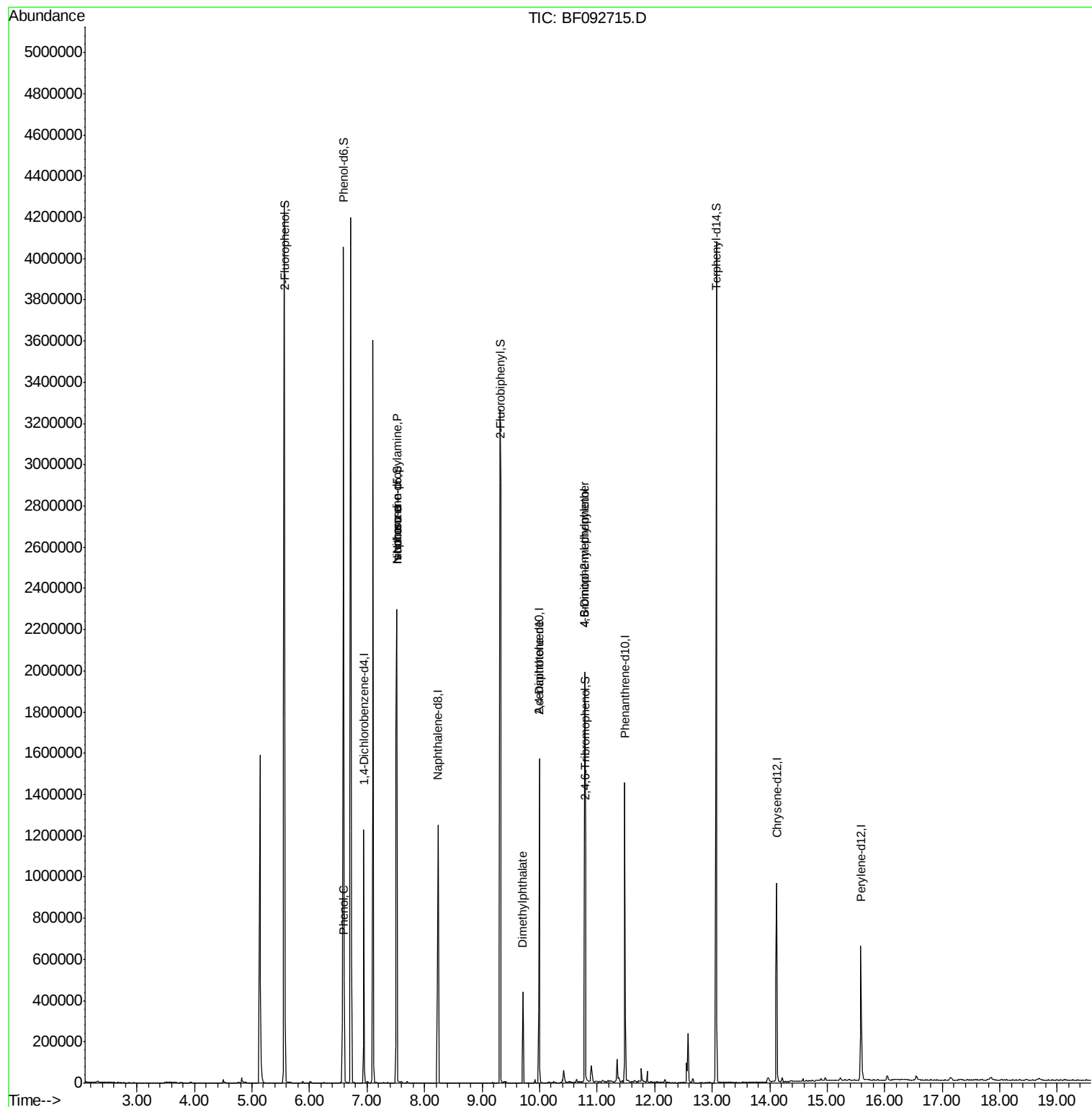
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167831	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	607770	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	333236	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	510950	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	390724	20.00	ng	-0.02
86) Perylene-d12	15.59	264	296024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1190753	121.72	ng	-0.01
7) Phenol-d6	6.59	99	1597567	126.92	ng	-0.01
23) Nitrobenzene-d5	7.52	82	971841	89.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	304703	126.42	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1639683	89.14	ng	-0.01
78) Terphenyl-d14	13.07	244	1271544	76.47	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	133468	9.06	ng	# 63
19) n-Nitroso-di-n-propylamine	7.52	70	127912	15.96	ng	# 77
25) Isophorone	7.52	82	929537	45.71	ng	# 65
49) Dimethylphthalate	9.71	163	177267	7.90	ng	99
56) 2,4-Dinitrotoluene	10.00	165	41913	6.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	592	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	21607	4.05	ng	# 1

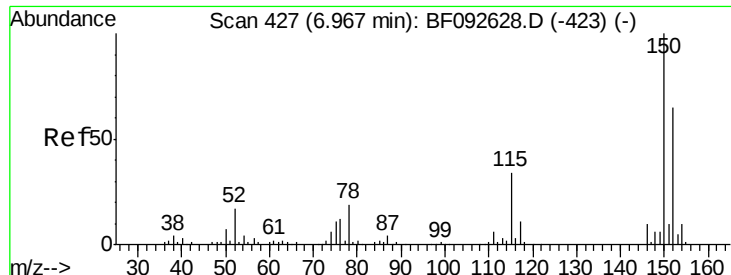
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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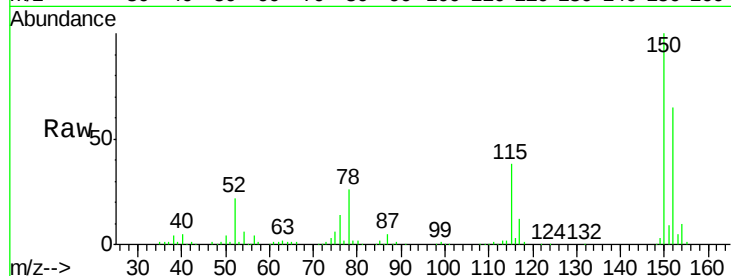


#1

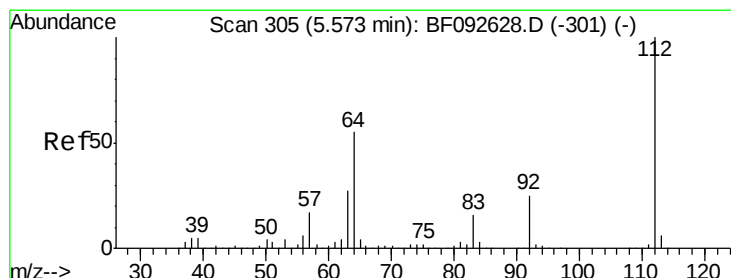
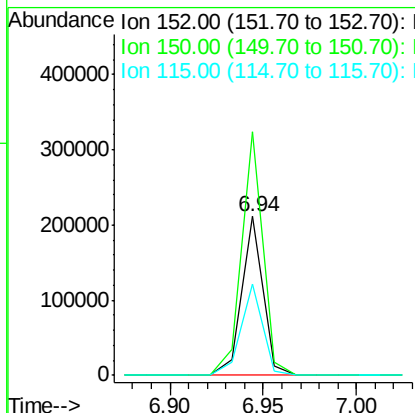
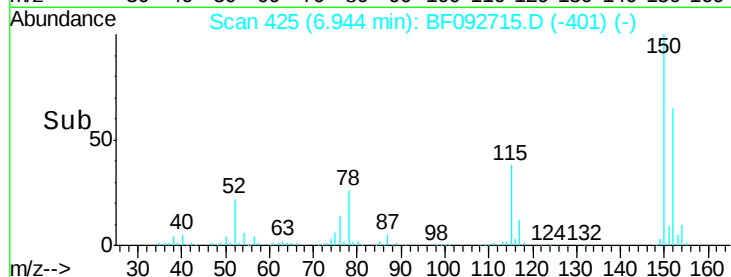
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion:152 Resp: 167831
Ion Ratio Lower Upper
152 100
150 153.4 124.9 187.3
115 57.9 46.0 69.0



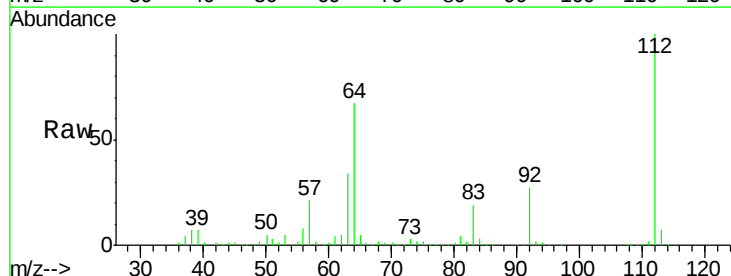
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



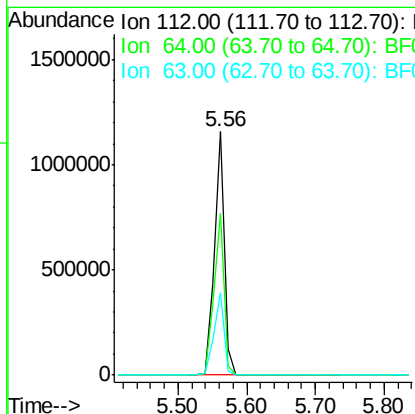
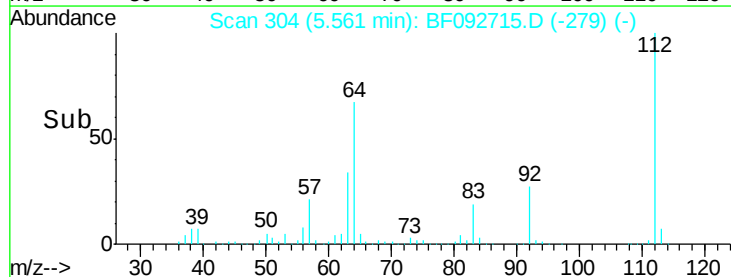
#5

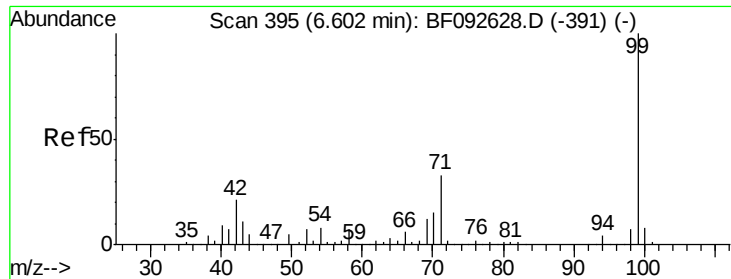
2-Fluorophenol
Concen: 121.72 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion:112 Resp: 1190753
Ion Ratio Lower Upper
112 100
64 66.7 46.1 69.1
63 33.7 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: 126.92 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

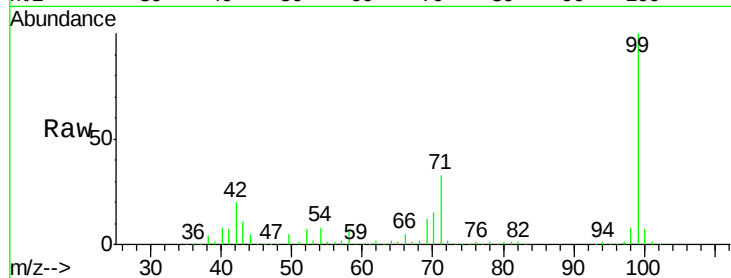
Tgt Ion: 99 Resp: 1597567

Ion Ratio Lower Upper

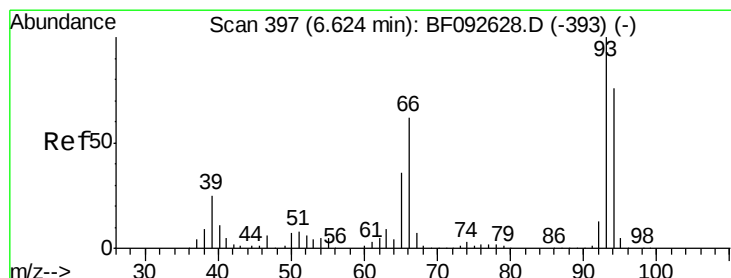
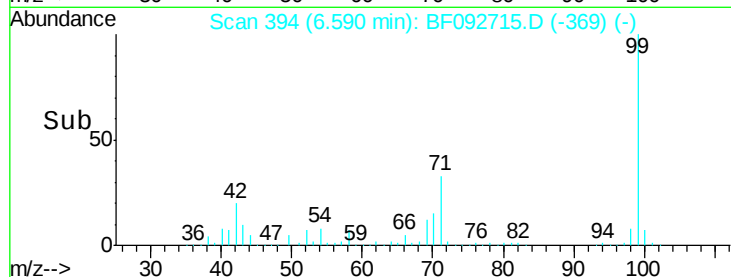
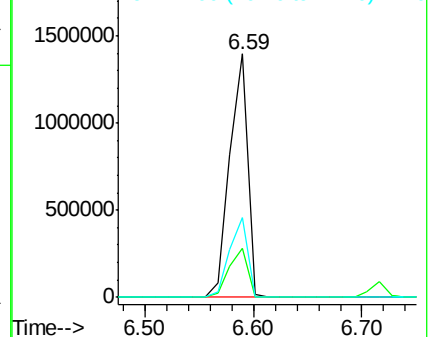
99 100

42 20.1 15.6 23.4

71 32.9 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: 9.06 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

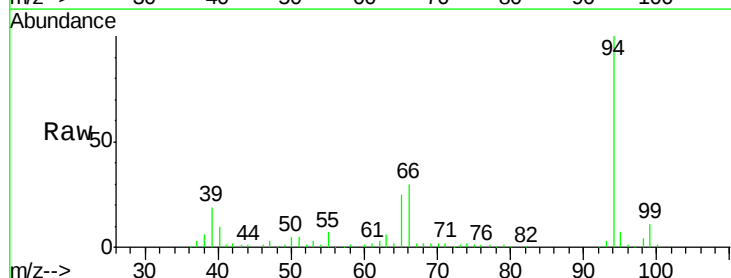
Tgt Ion: 94 Resp: 133468

Ion Ratio Lower Upper

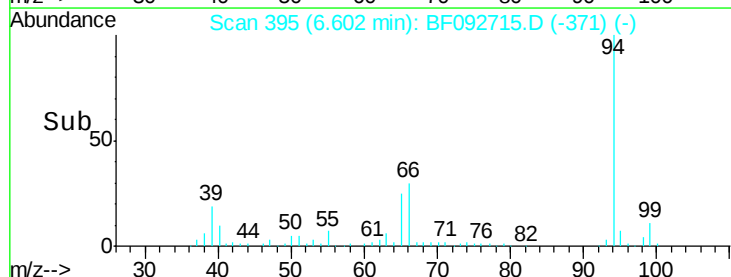
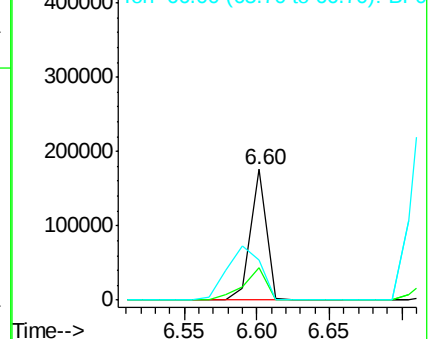
94 100

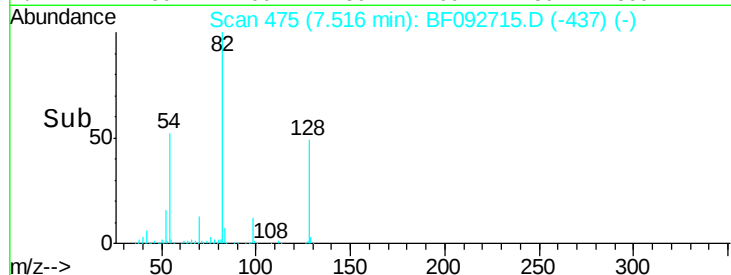
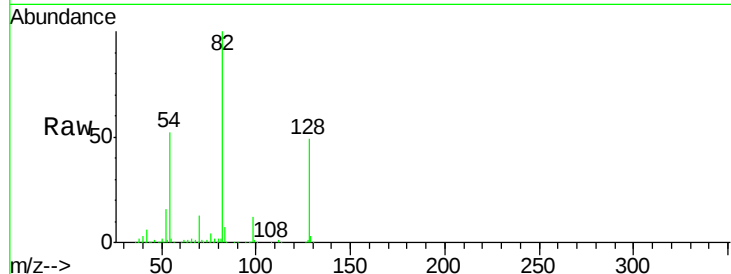
65 24.6 21.4 61.4

66 30.4 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

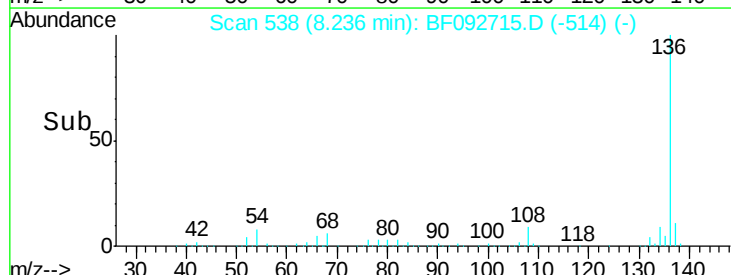
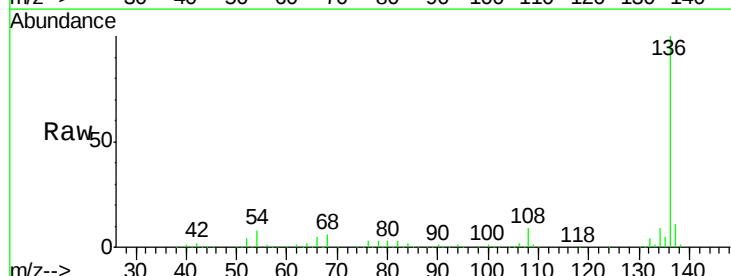
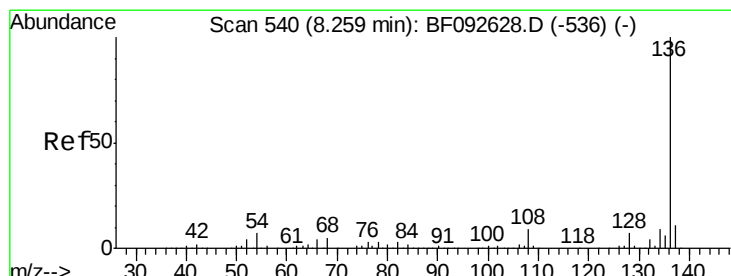
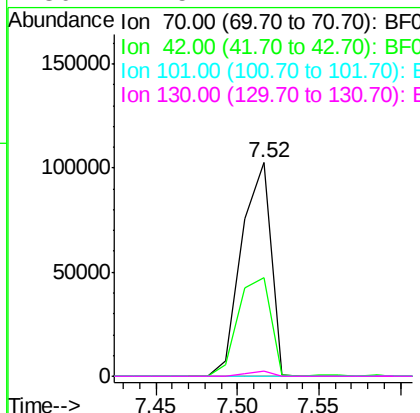




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

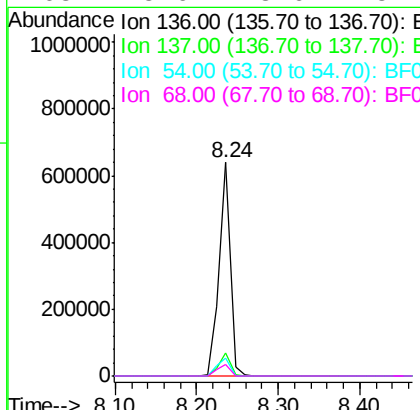
Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

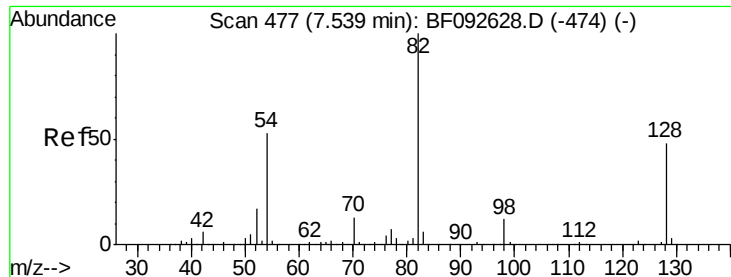
Tgt Ion: 70 Resp: 127912
Ion Ratio Lower Upper
70 100
42 46.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion: 136 Resp: 607770
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 4.5 6.7#
68 5.6 3.6 5.4#

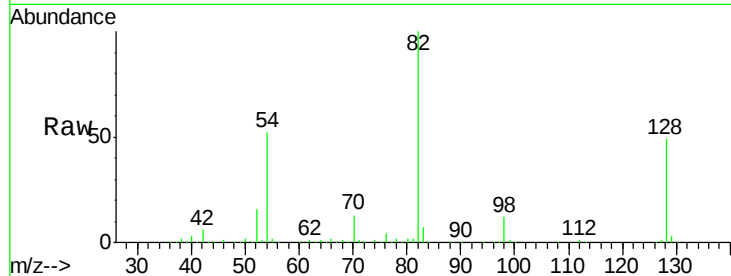




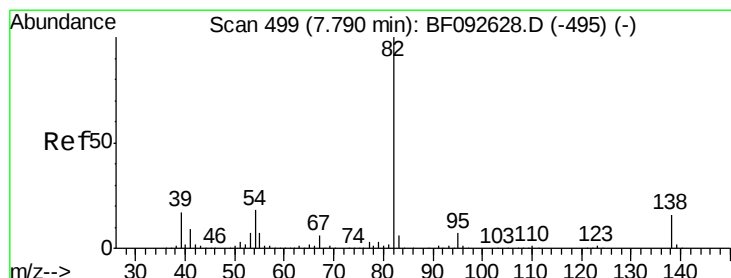
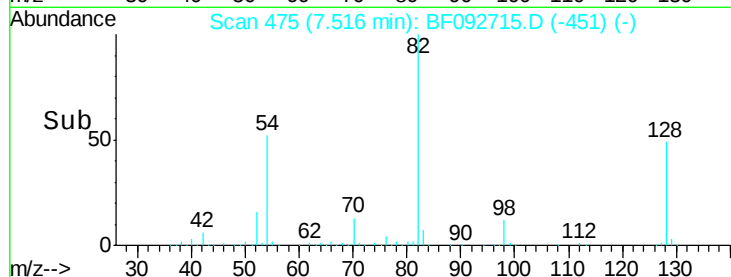
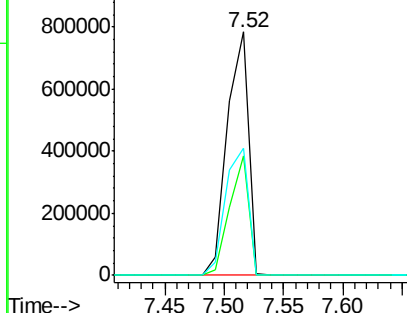
#23
Nitrobenzene-d5
Concen: 89.05 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion: 82 Resp: 971841
Ion Ratio Lower Upper
82 100
128 49.0 34.6 52.0
54 52.1 39.5 59.3

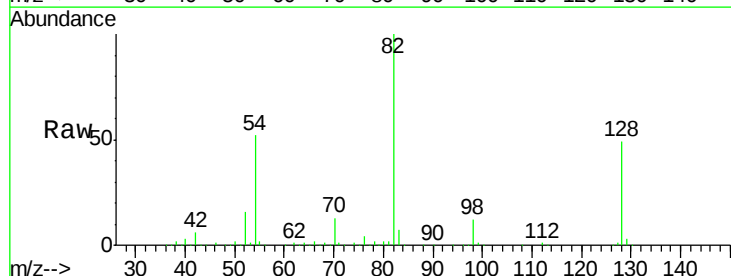


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

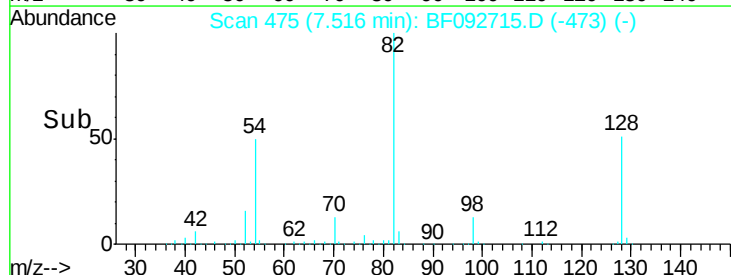
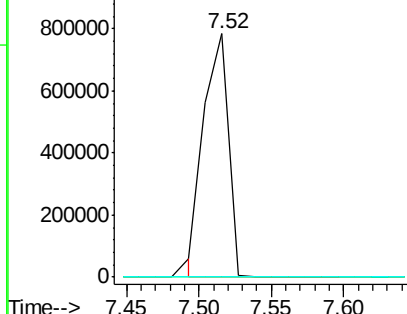


#25
Isophorone
Concen: 45.71 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion: 82 Resp: 929537
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

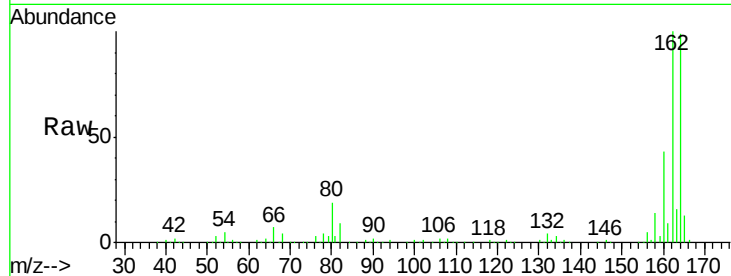




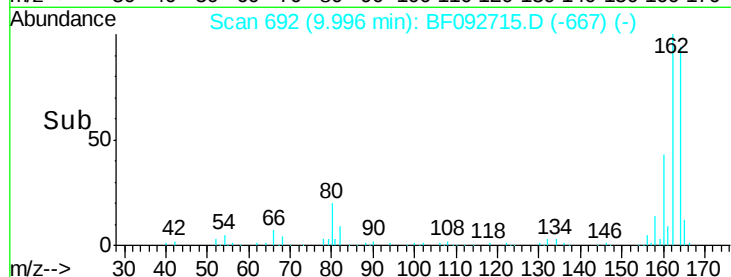
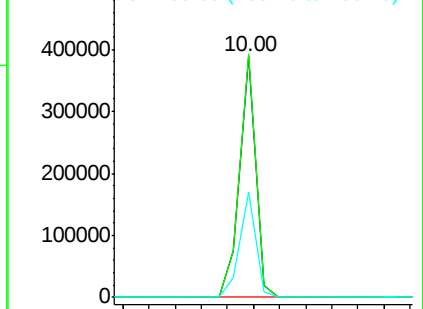
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:164 Resp: 333236
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.6 36.9 55.3

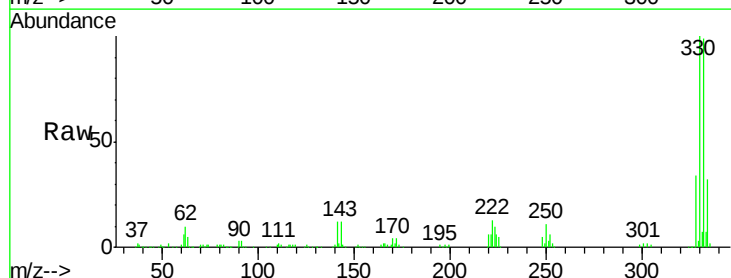


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

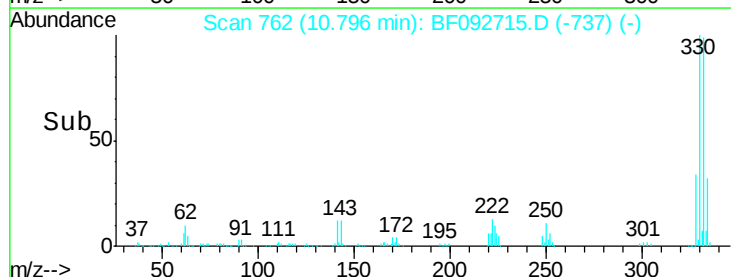
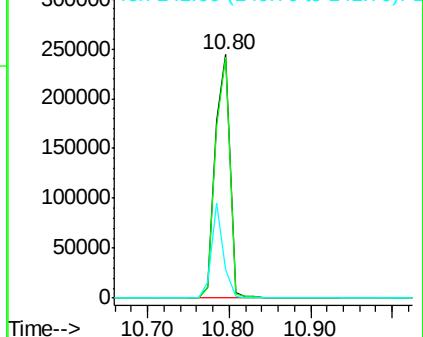


#41
 2,4,6-Tribromophenol
 Concen: 126.42 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Tgt Ion:330 Resp: 304703
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 32.3 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

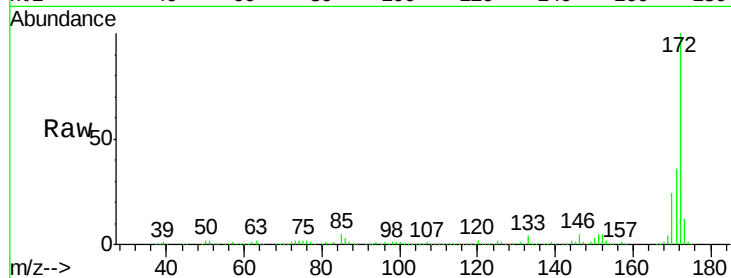




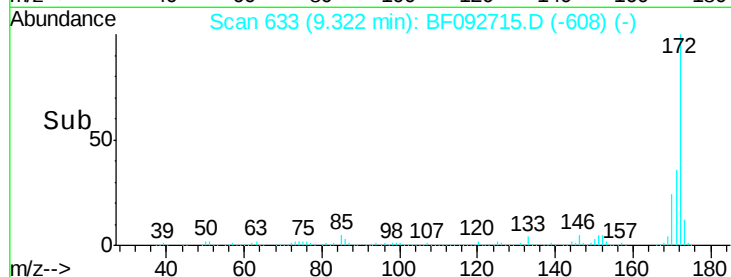
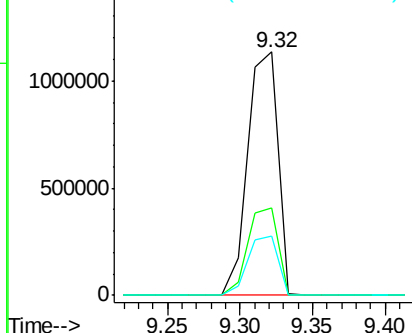
#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:172 Resp: 1639683
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 20.2 30.4

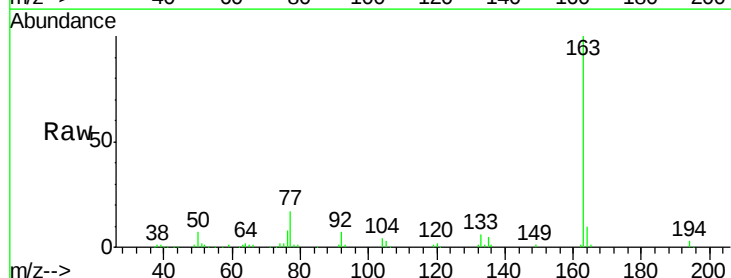


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

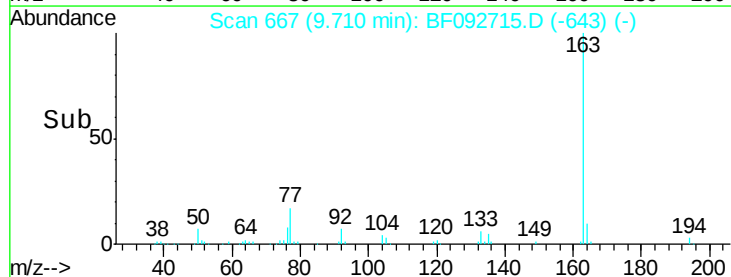
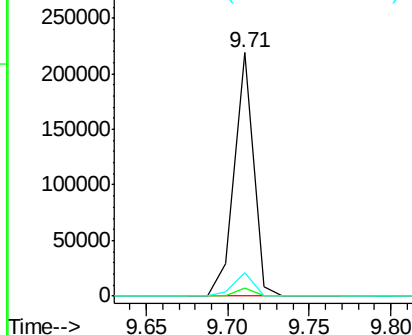


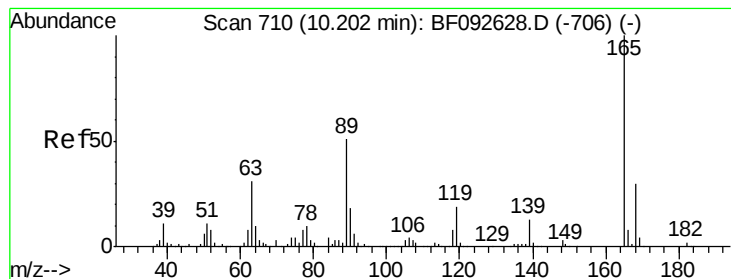
#49
 Dimethylphthalate
 Concen: 7.90 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Tgt Ion:163 Resp: 177267
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 9.6 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

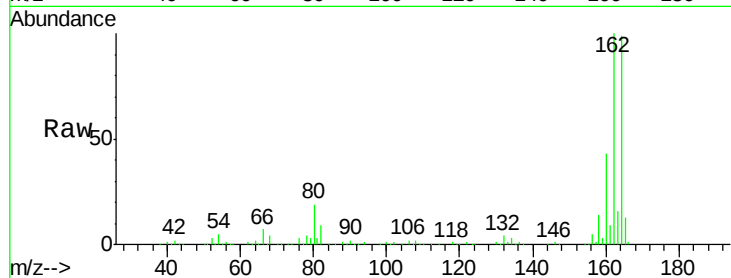




#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

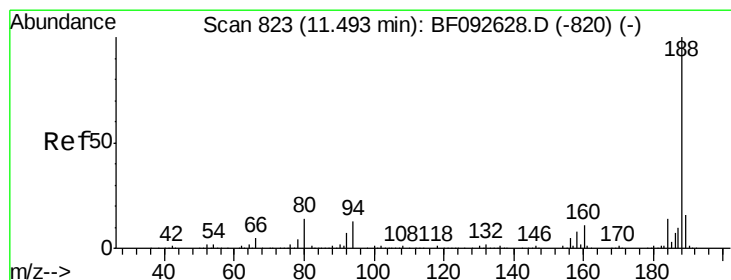
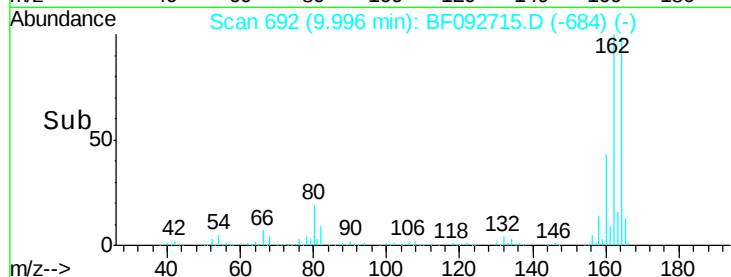
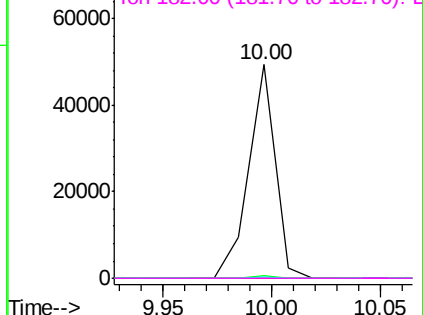


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

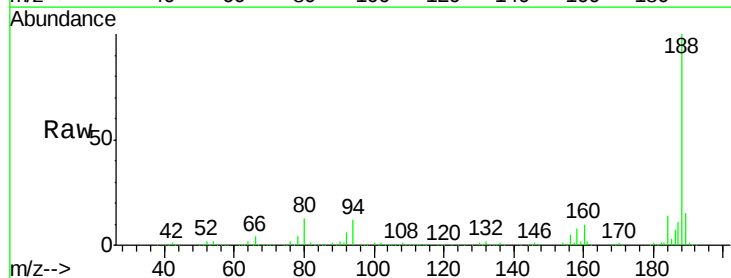
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

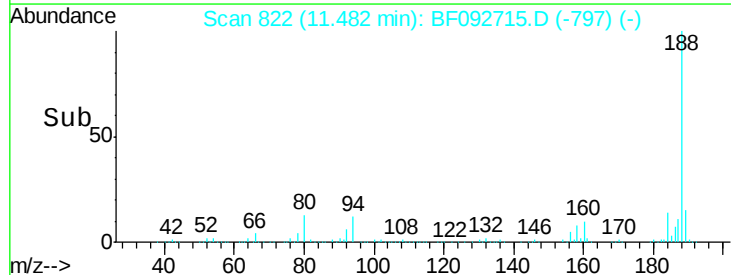
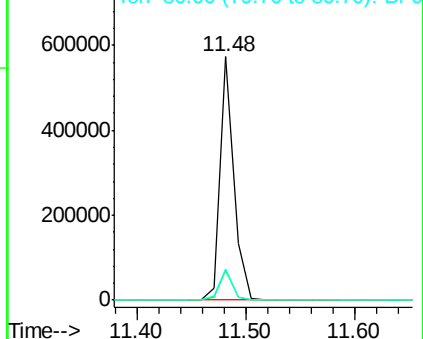
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	12.9	11.2	16.8

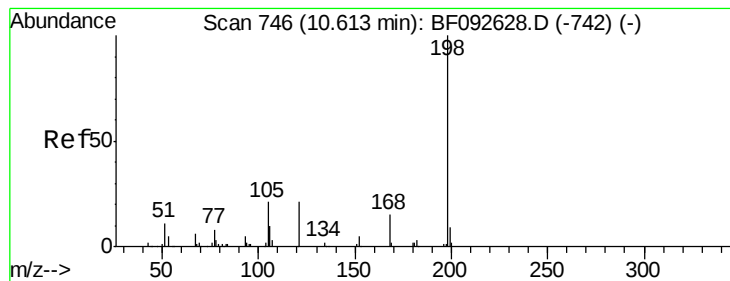


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.85 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

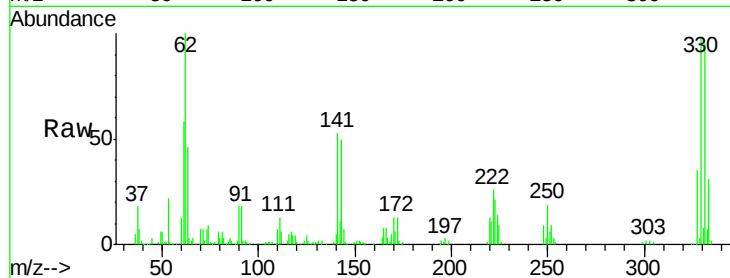
Tgt Ion:198 Resp: 592

Ion Ratio Lower Upper

198 100

51 287.8 6.7 46.7#

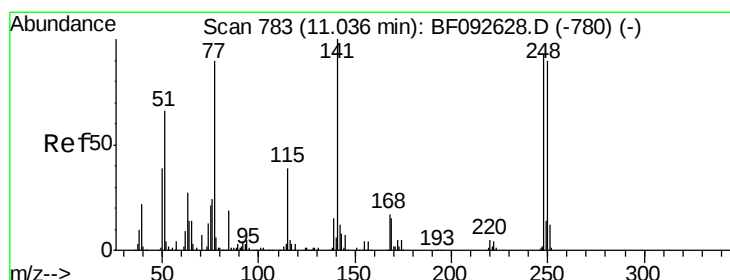
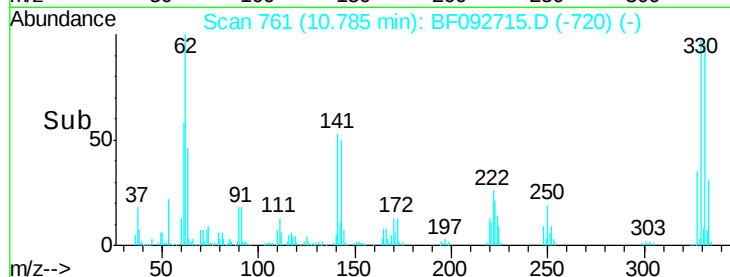
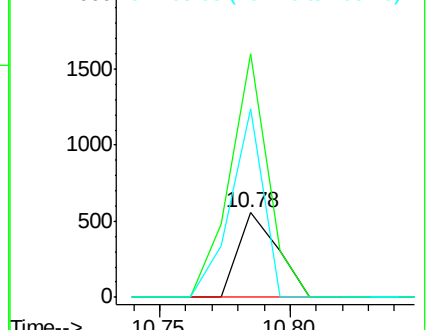
105 222.3 16.6 56.6#



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: 4.05 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

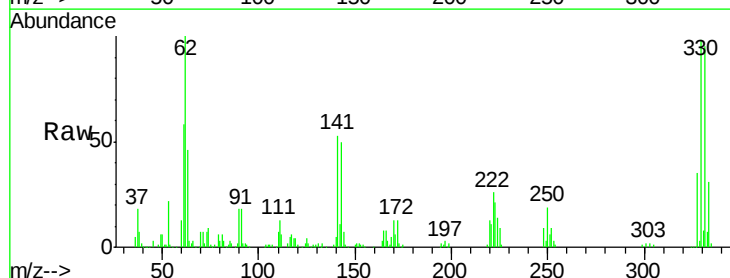
Tgt Ion:248 Resp: 21607

Ion Ratio Lower Upper

248 100

250 204.9 76.9 115.3#

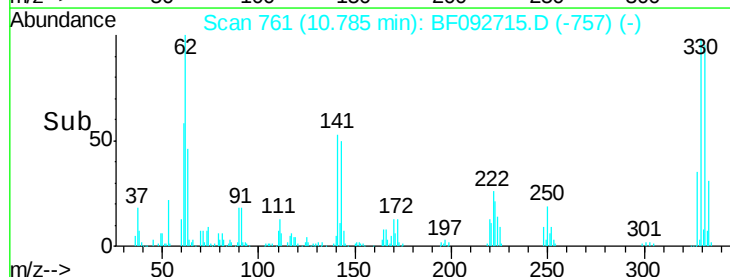
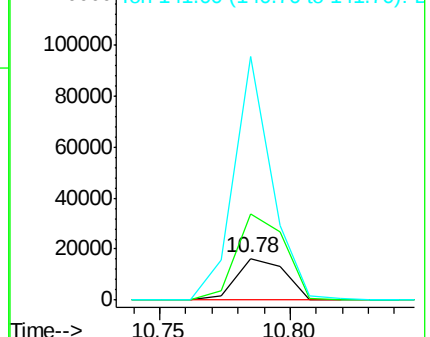
141 580.1 68.2 102.4#

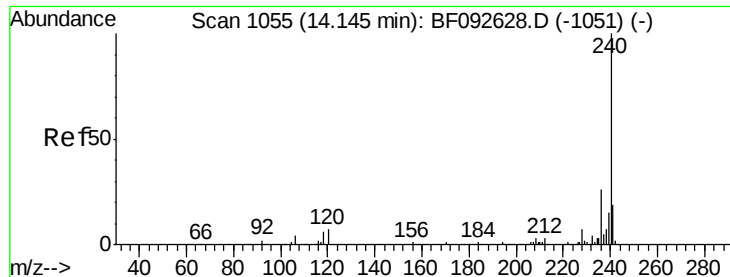


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

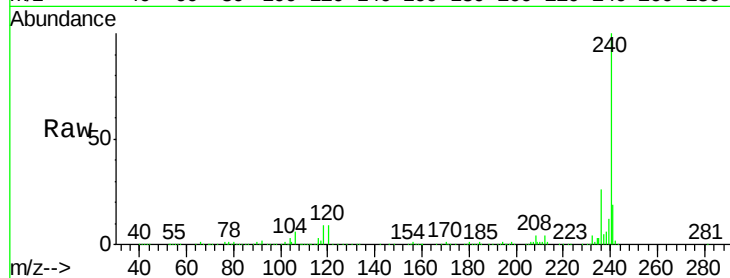
Tgt Ion:240 Resp: 390724

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

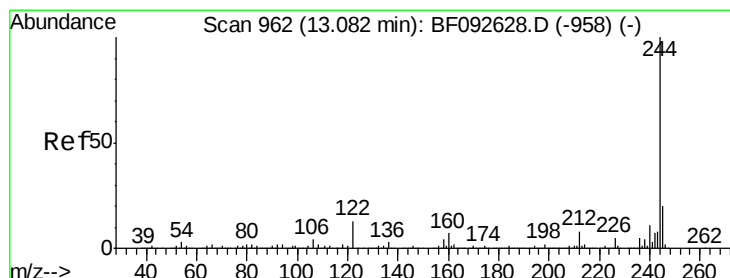
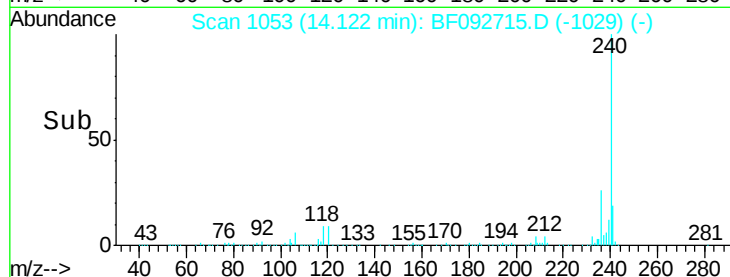
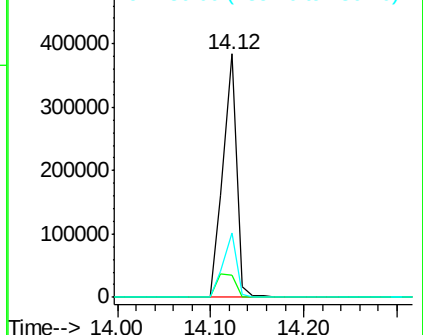
236 26.5 20.9 31.3



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: 76.47 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

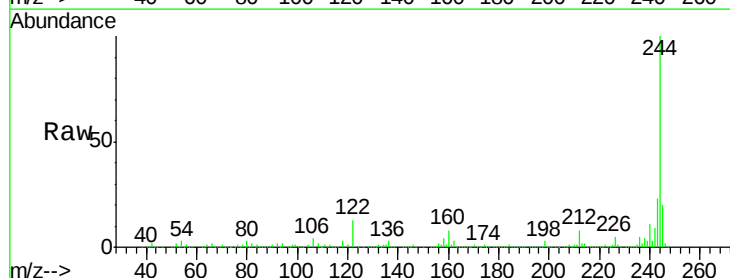
Tgt Ion:244 Resp: 1271544

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

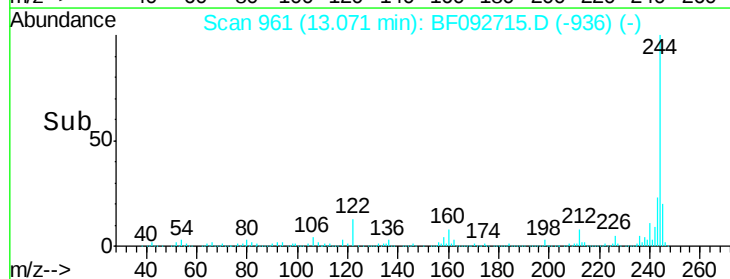
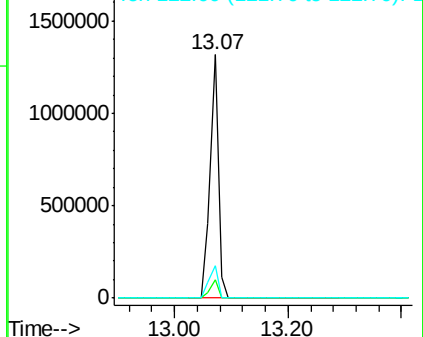
122 13.2 11.4 17.2

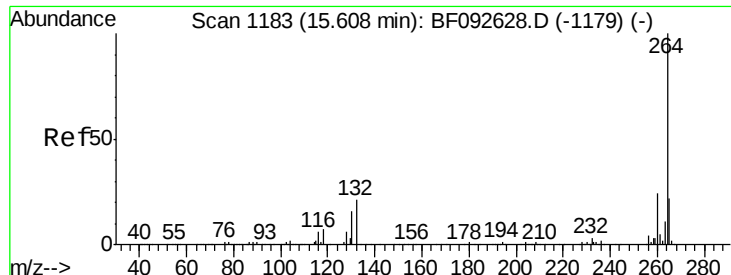


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

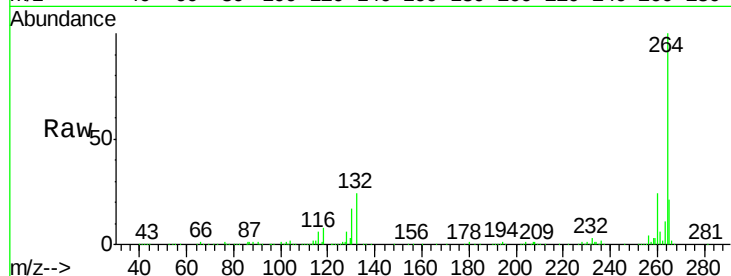




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion: 264 Resp: 296024
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

