

Data File : BF093037.D
Acq On : 20 Feb 2017 19:20
Operator : SJ/MA
Sample : I1923-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CORBETT-BF

Quant Time: Feb 20 23:43:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153173	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	582131	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	291264	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	541188	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	475116	20.00	ng	-0.01
86) Perylene-d12	15.43	264	359391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	802621	89.90	ng	-0.01
7) Phenol-d6	6.48	99	1098574	95.63	ng	-0.01
23) Nitrobenzene-d5	7.41	82	662023	63.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	230353	109.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1245926	77.50	ng	0.00
78) Terphenyl-d14	12.96	244	1151053	56.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	87252	11.93	ng	# 79
25) Isophorone	7.41	82	528958	27.15	ng	# 65
49) Dimethylphthalate	9.61	163	181613	9.26	ng	100
56) 2,4-Dinitrotoluene	9.89	165	36711	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	660	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17247	3.05	ng	# 1

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

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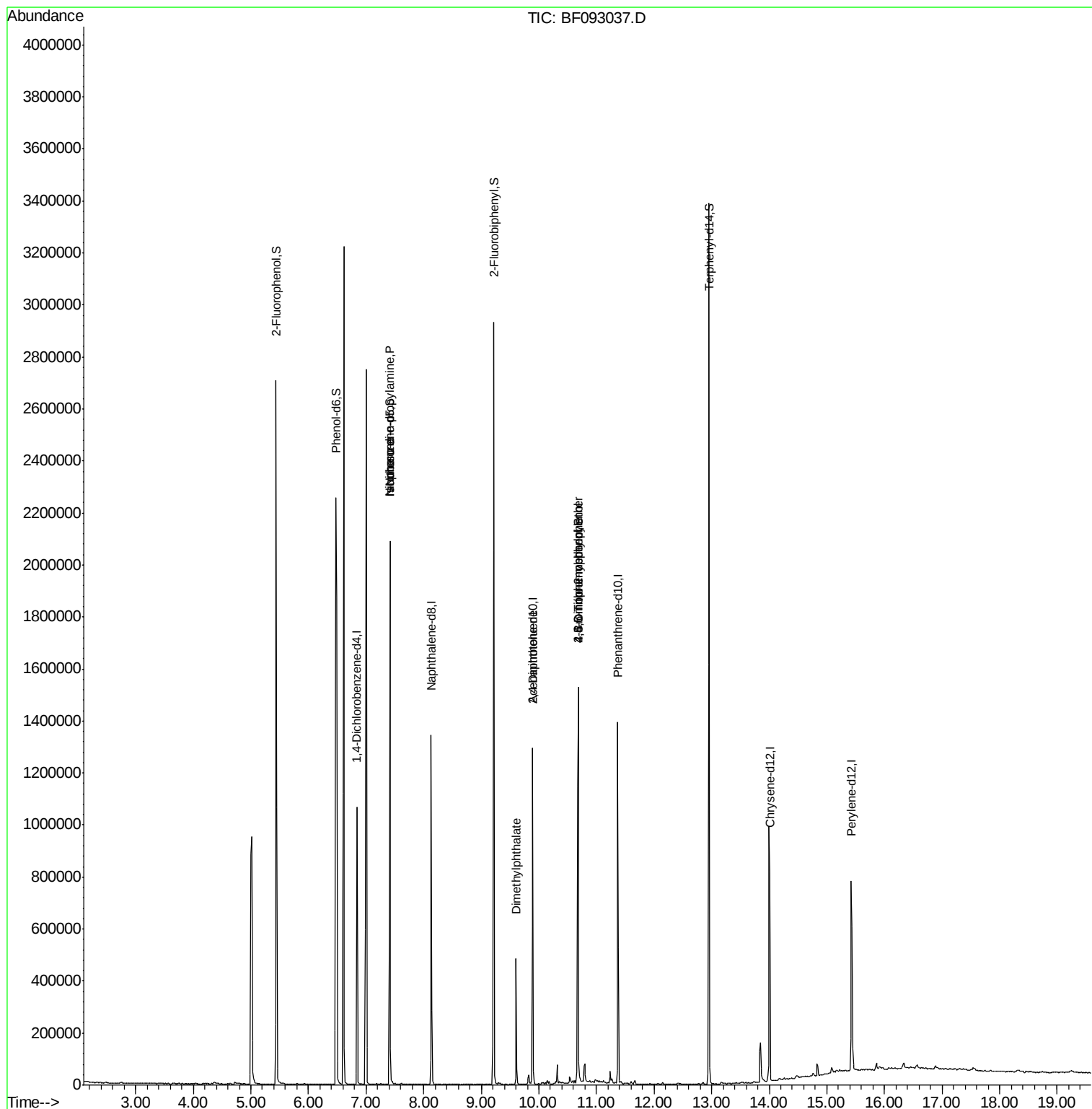
Quant Time: Feb 20 23:43:05 2017

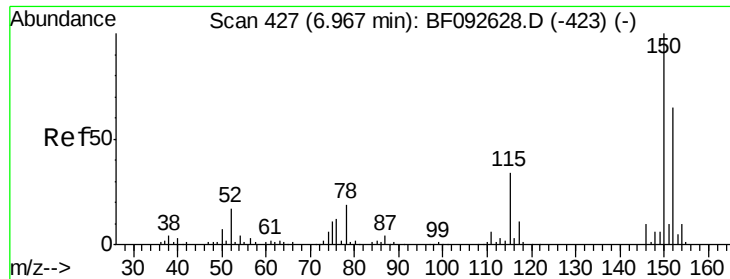
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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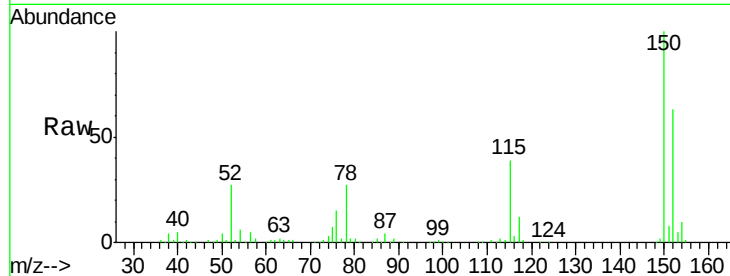
Tgt Ion:152 Resp: 153173

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

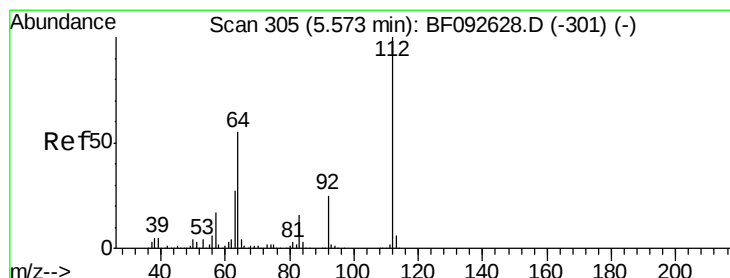
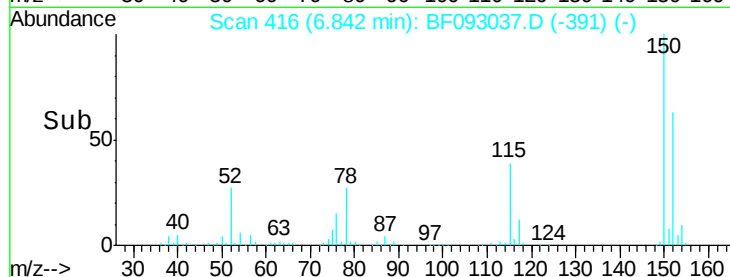
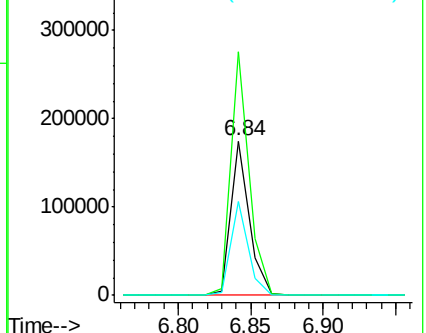
115 61.2 46.0 69.0



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: 89.90 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

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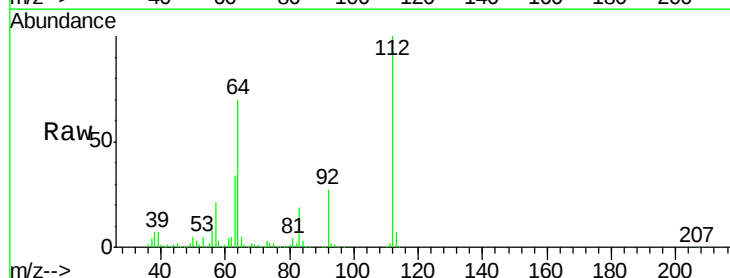
Tgt Ion:112 Resp: 802621

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

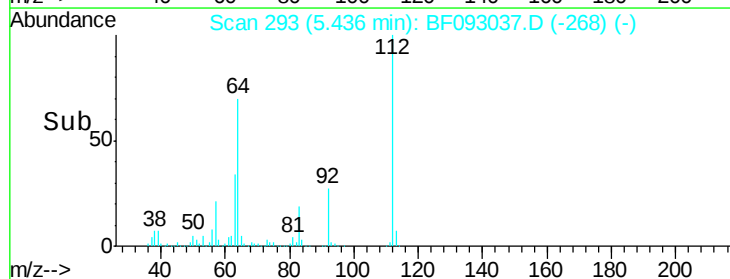
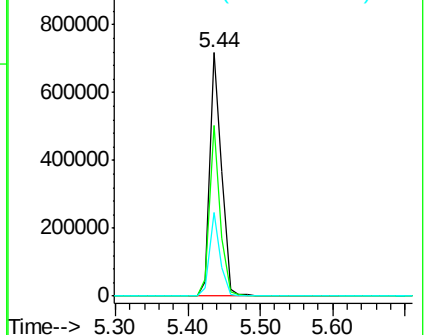
63 34.5 23.8 35.6

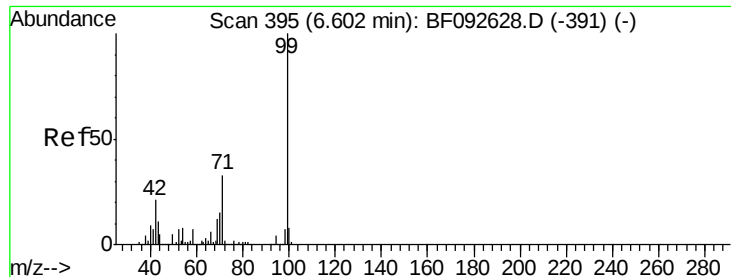


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.63 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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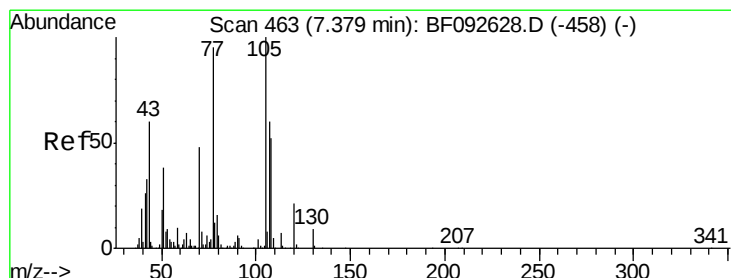
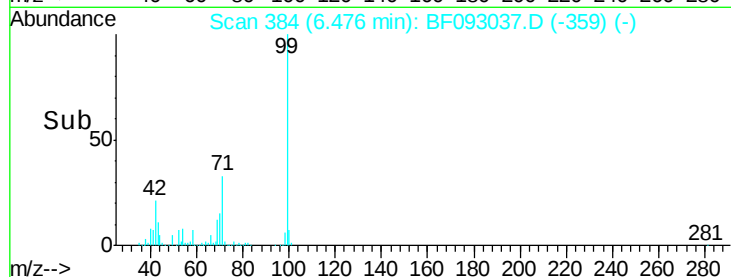
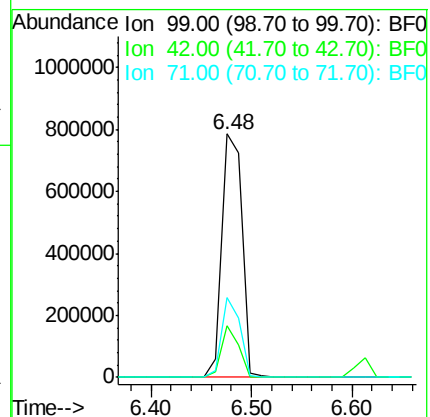
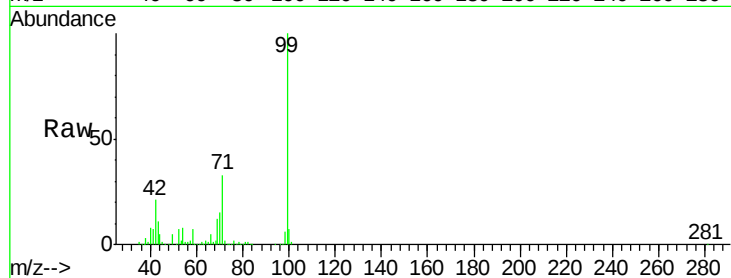
Tgt Ion: 99 Resp: 1098574

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.93 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Tgt Ion: 70 Resp: 87252

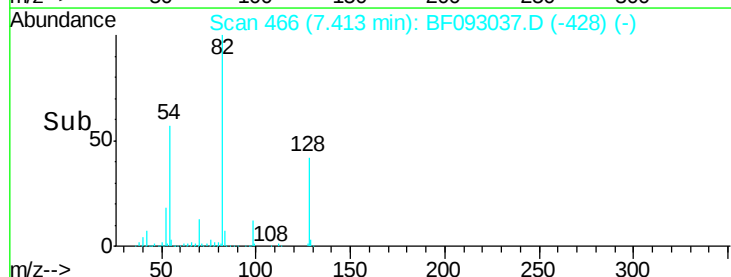
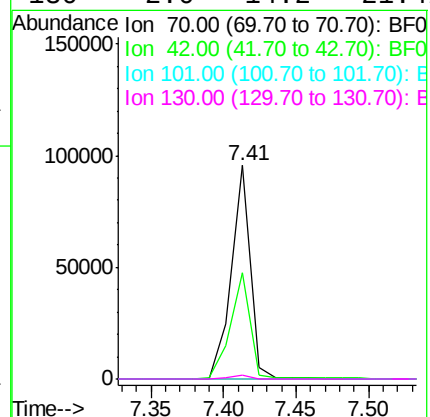
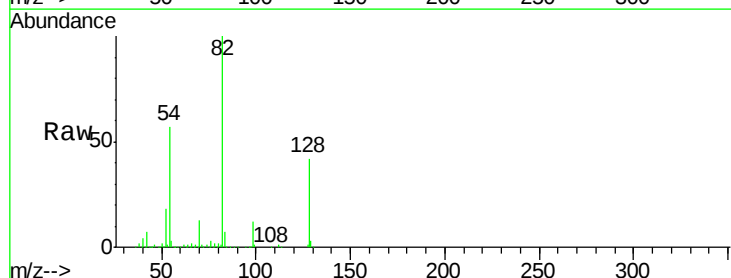
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

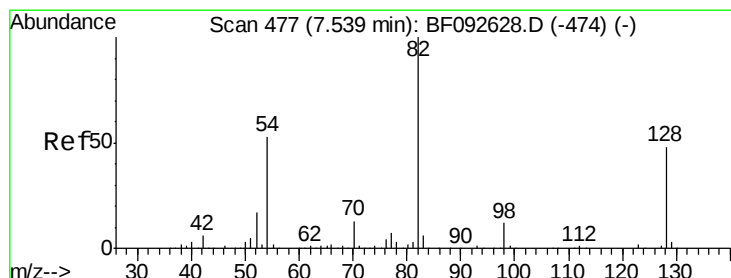
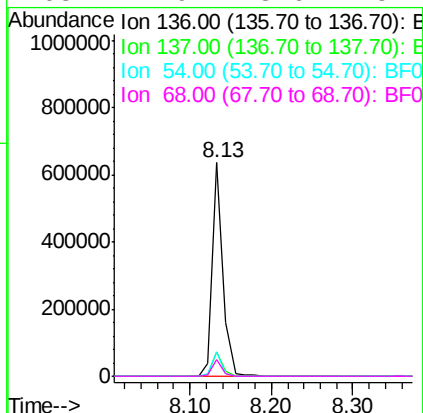
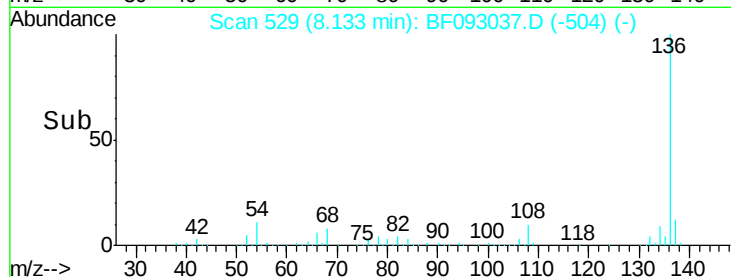
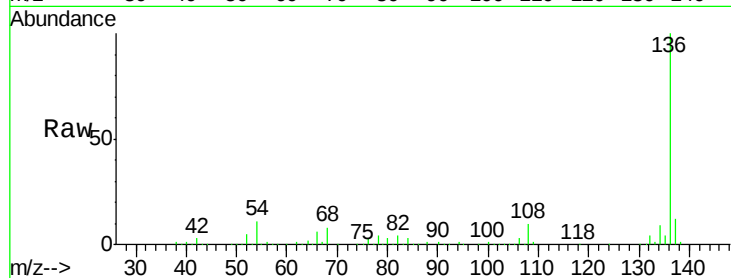




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093037.D
Acq: 20 Feb 2017 19:20

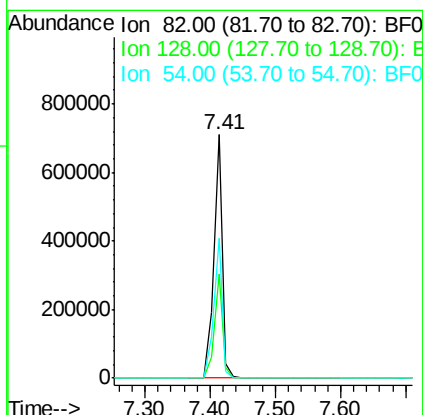
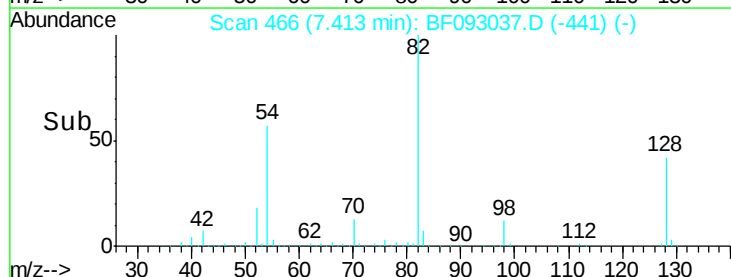
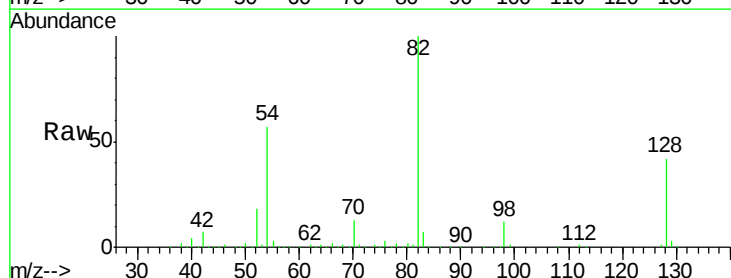
Instrument :
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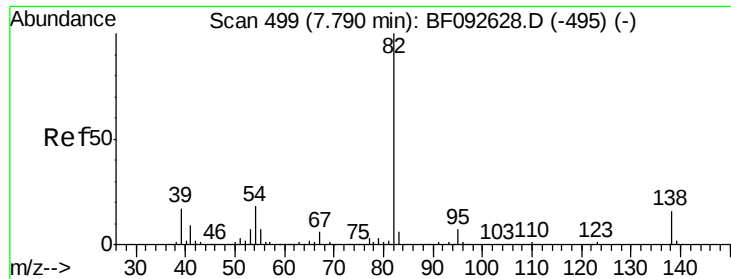
Tgt Ion:	136	Resp:	582131
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.2	4.5	6.7#
68	7.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 63.33 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093037.D
Acq: 20 Feb 2017 19:20

Tgt Ion:	82	Resp:	662023
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	57.4	39.5	59.3

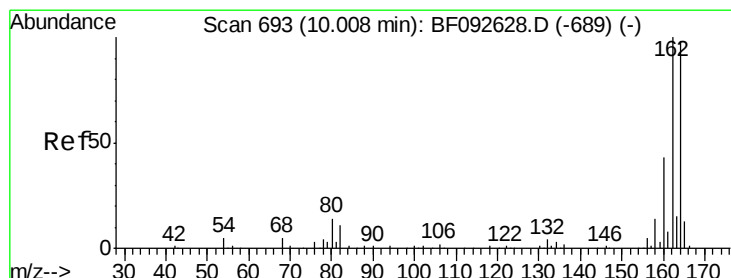
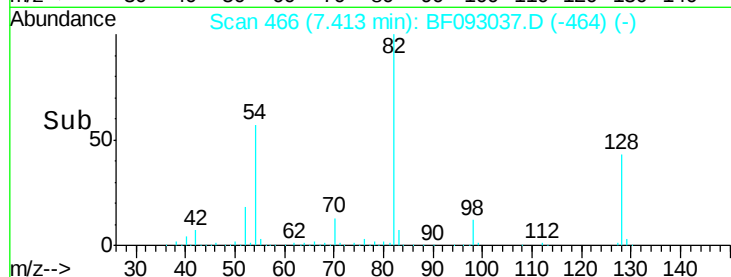
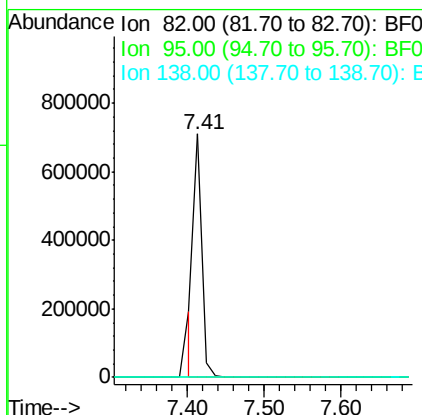
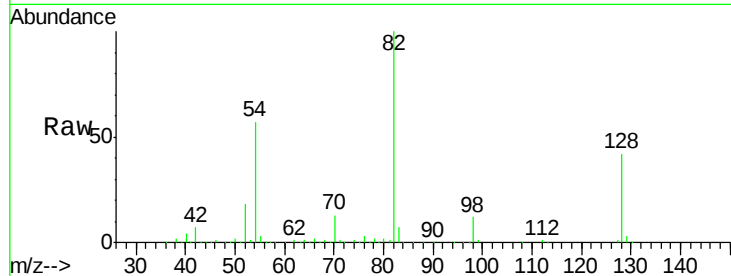




#25
Isophorone
Concen: 27.15 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093037.D
Acq: 20 Feb 2017 19:20

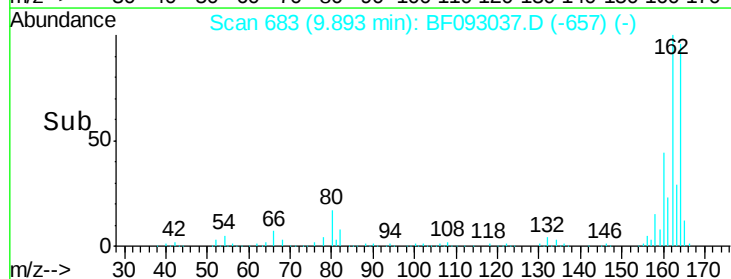
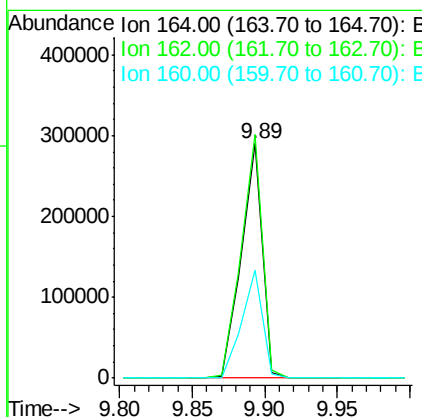
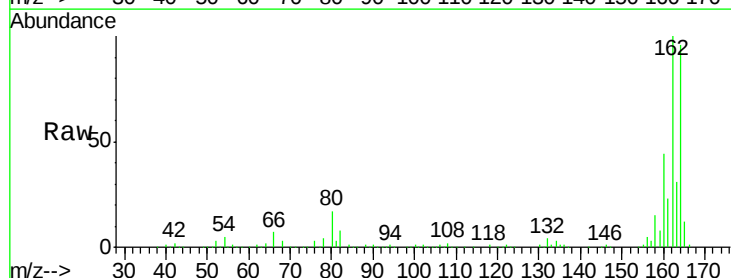
Instrument :
BNA_F
ClientSampleId :
CORBETT-BF

Tgt Ion: 82 Resp: 528958
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: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093037.D
Acq: 20 Feb 2017 19:20

Tgt Ion: 164 Resp: 291264
Ion Ratio Lower Upper
164 100
162 103.9 80.2 120.2
160 46.0 36.9 55.3

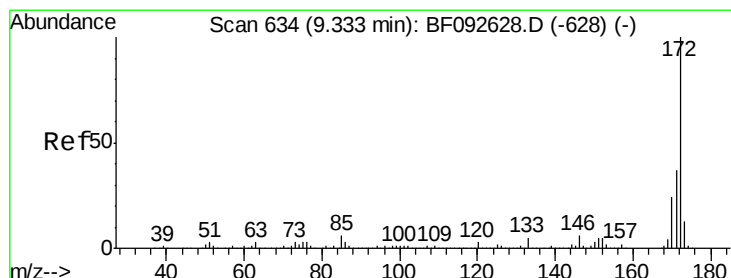
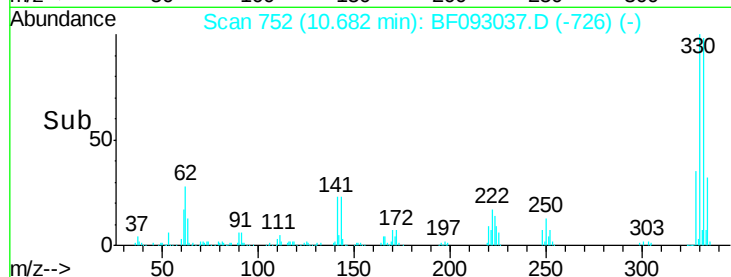
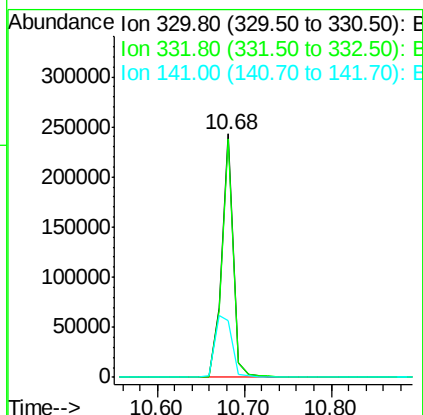
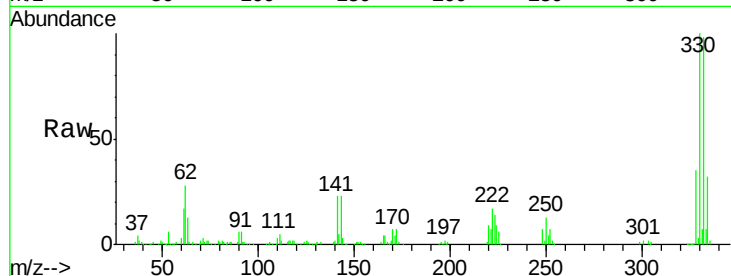




#41
 2,4,6-Tribromophenol
 Concen: 109.35 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

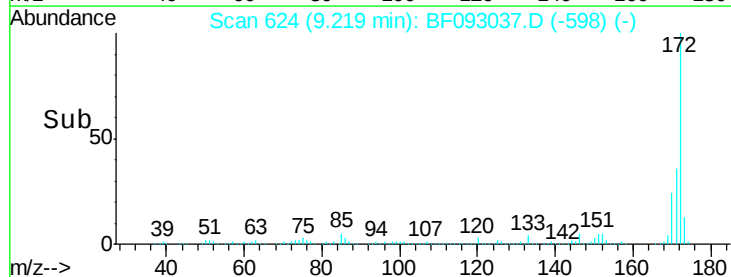
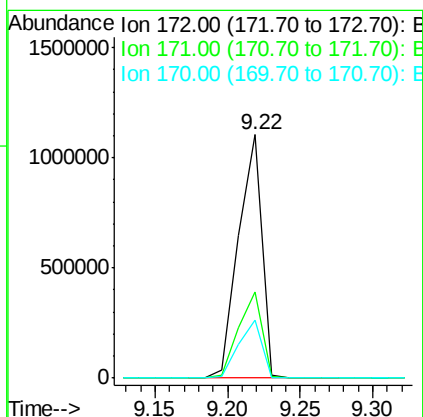
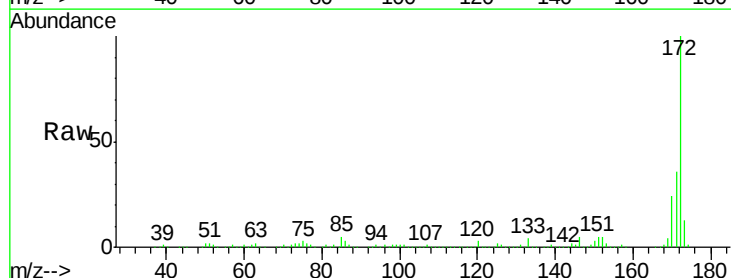
Instrument :
 BNA_F
 ClientSampleId :
 CORBETT-BF

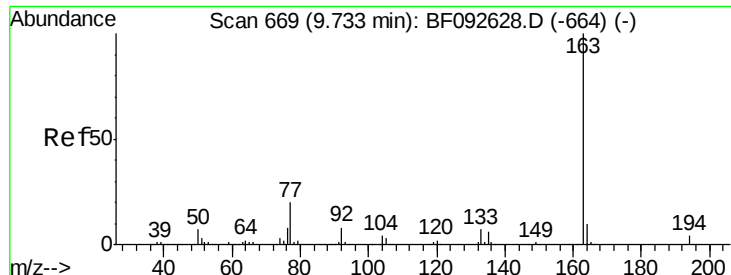
Tgt Ion:330 Resp: 230353
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 37.3 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

Tgt Ion:172 Resp: 1245926
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 20.2 30.4





#49

Dimethylphthalate

Concen: 9.26 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

CORBETT-BF

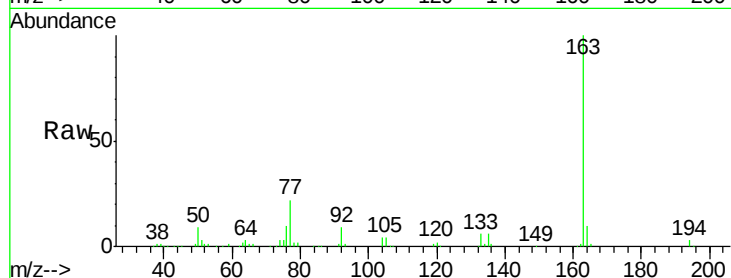
Tgt Ion:163 Resp: 181613

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

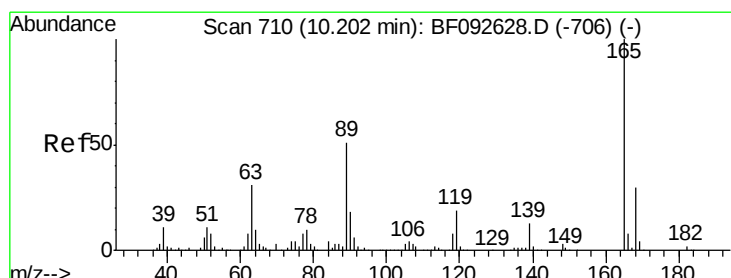
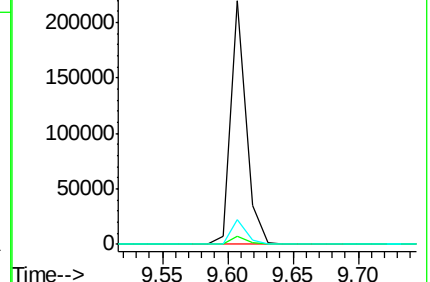
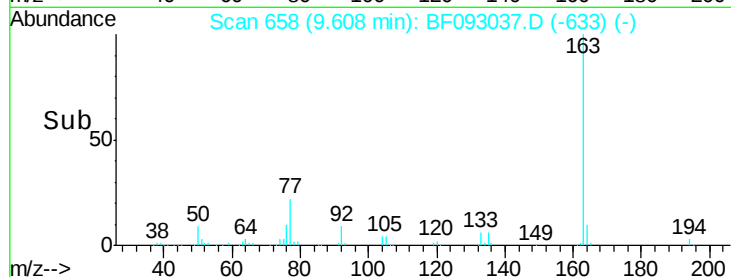
164 10.0 8.0 12.0



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: 6.51 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.19 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Tgt Ion:165 Resp: 36711

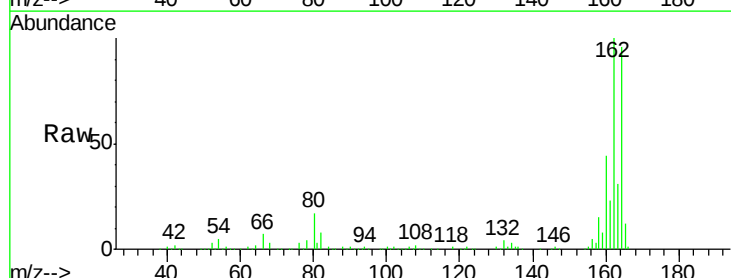
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

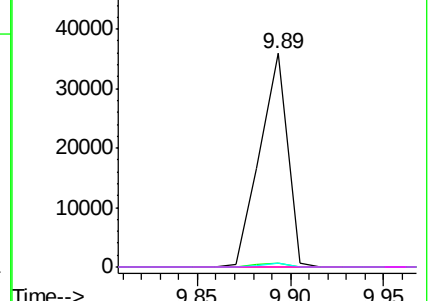
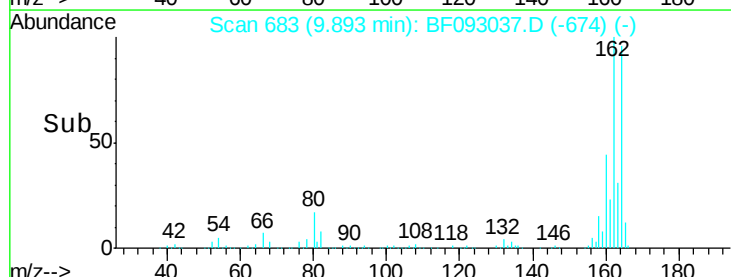


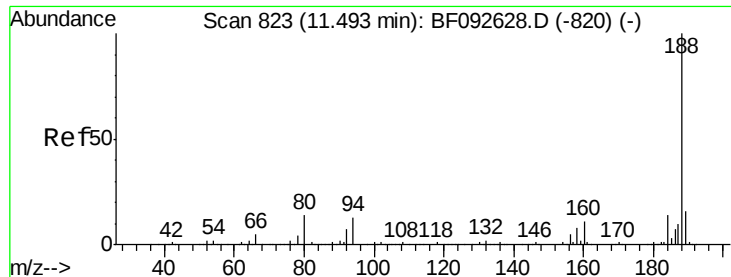
Abundance Ion 165.00 (164.70 to 165.70): E

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

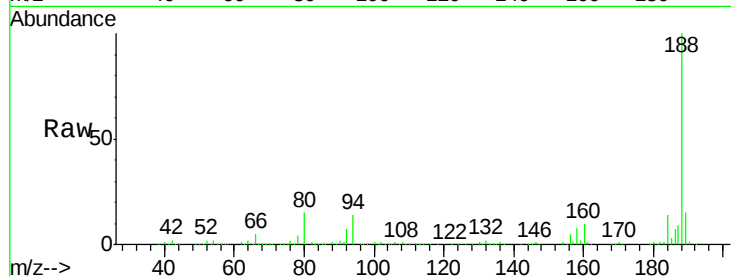




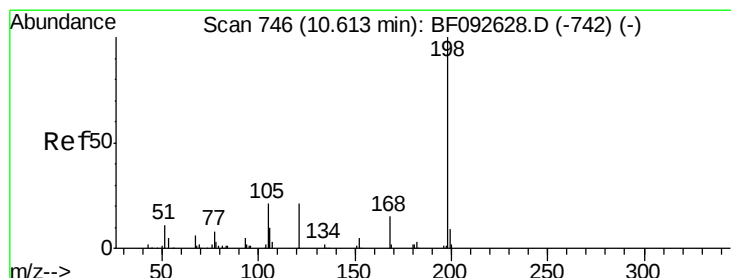
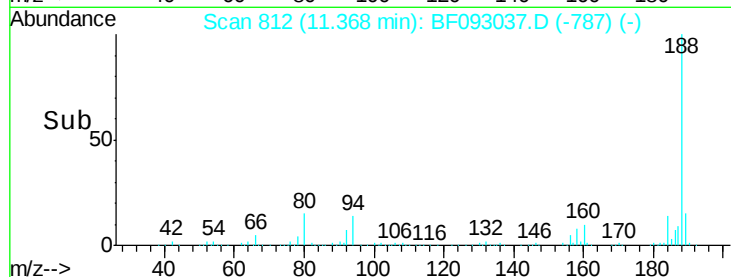
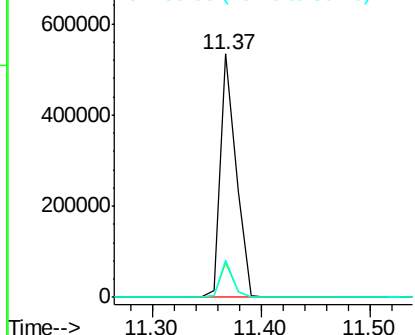
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093037.D
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Tgt Ion:188 Resp: 541188
Ion Ratio Lower Upper
188 100
94 14.2 10.0 15.0
80 15.2 11.2 16.8

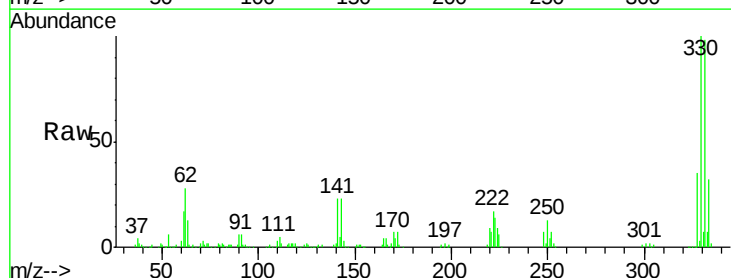


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

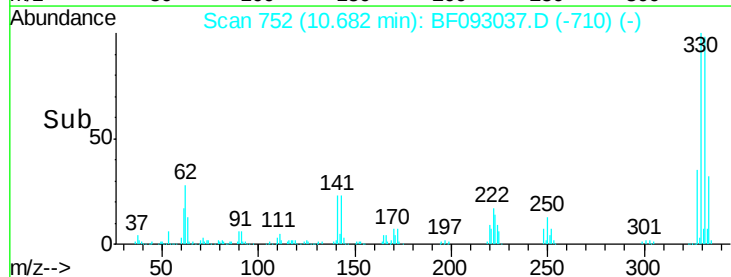
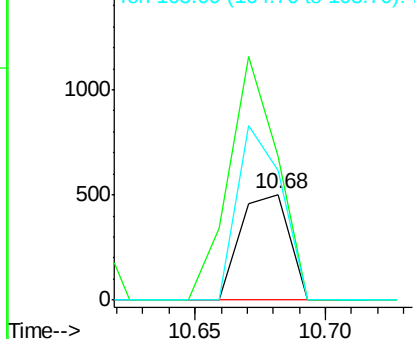


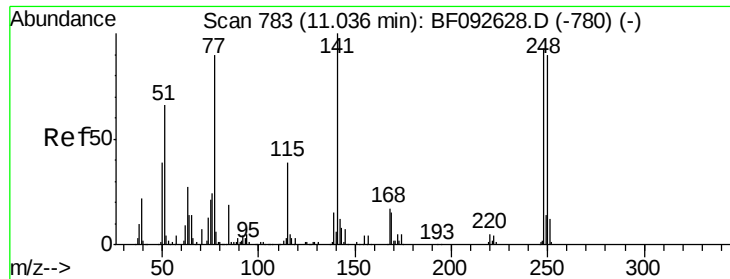
#64
4,6-Dinitro-2-methylphenol
Concen: 2.86 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093037.D
Acq: 20 Feb 2017 19:20

Tgt Ion:198 Resp: 660
Ion Ratio Lower Upper
198 100
51 136.1 6.7 46.7#
105 123.3 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: 3.05 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

CORBETT-BF

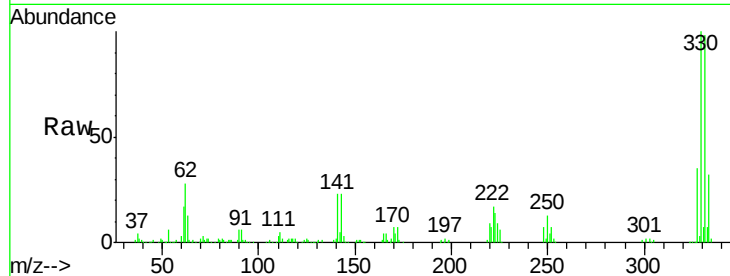
Tgt Ion:248 Resp: 17247

Ion Ratio Lower Upper

248 100

250 190.8 76.9 115.3#

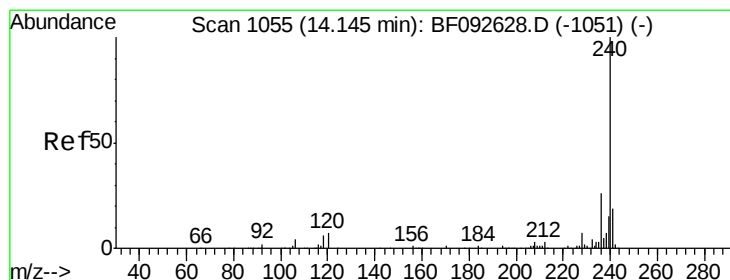
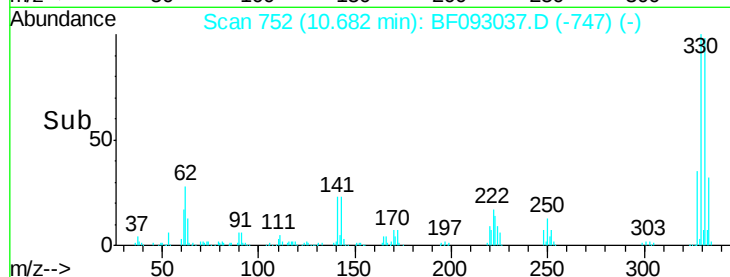
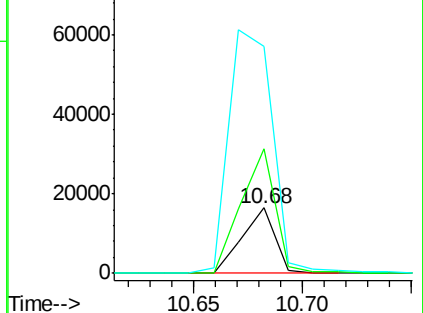
141 347.7 68.2 102.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

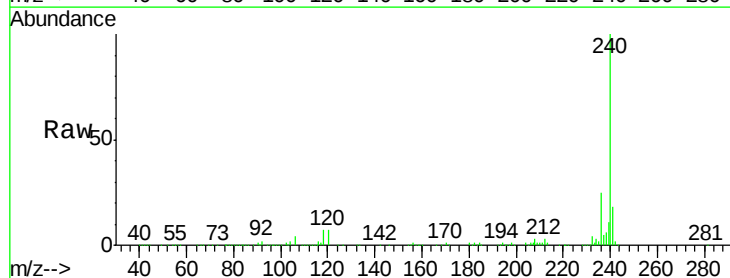
Tgt Ion:240 Resp: 475116

Ion Ratio Lower Upper

240 100

120 7.2 12.9 19.3#

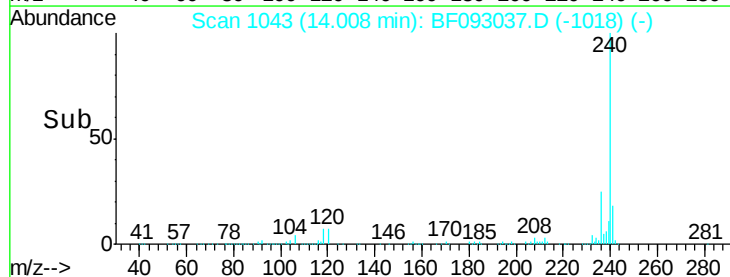
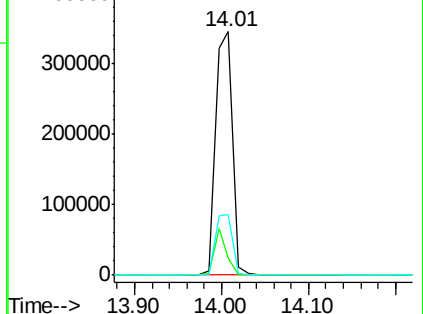
236 25.1 20.9 31.3

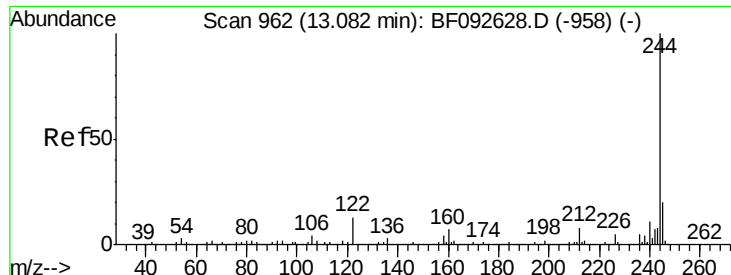


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

CORBETT-BF

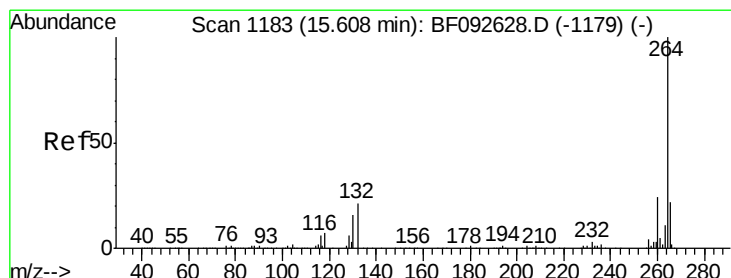
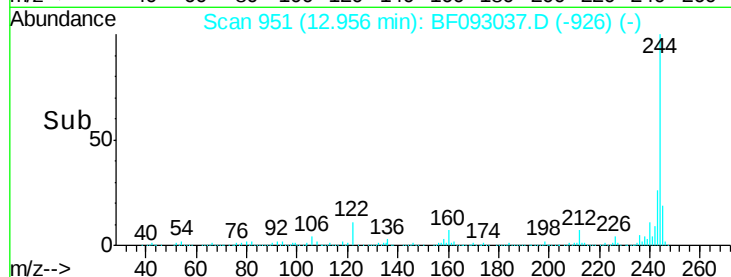
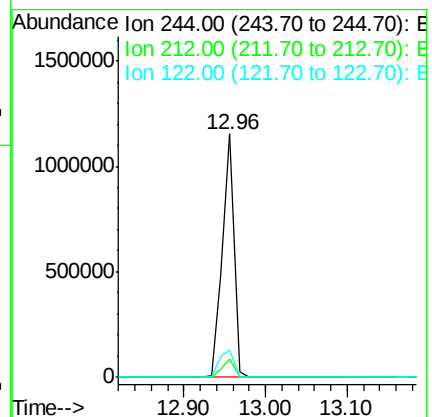
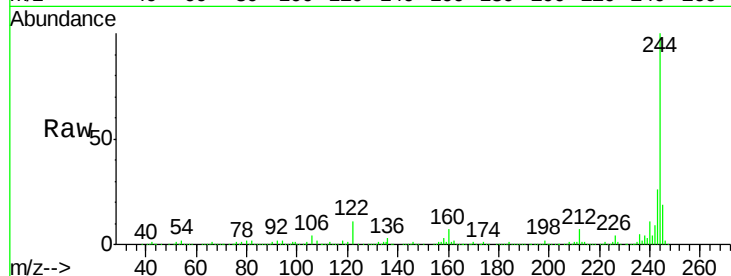
Tgt Ion:244 Resp: 1151053

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 11.0 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Tgt Ion:264 Resp: 359391

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 17.4 26.0

