

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092863.D
 Acq On : 8 Feb 2017 19:51
 Operator : SJ/MA
 Sample : I1739-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-D-M

Quant Time: Feb 08 23:43:19 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

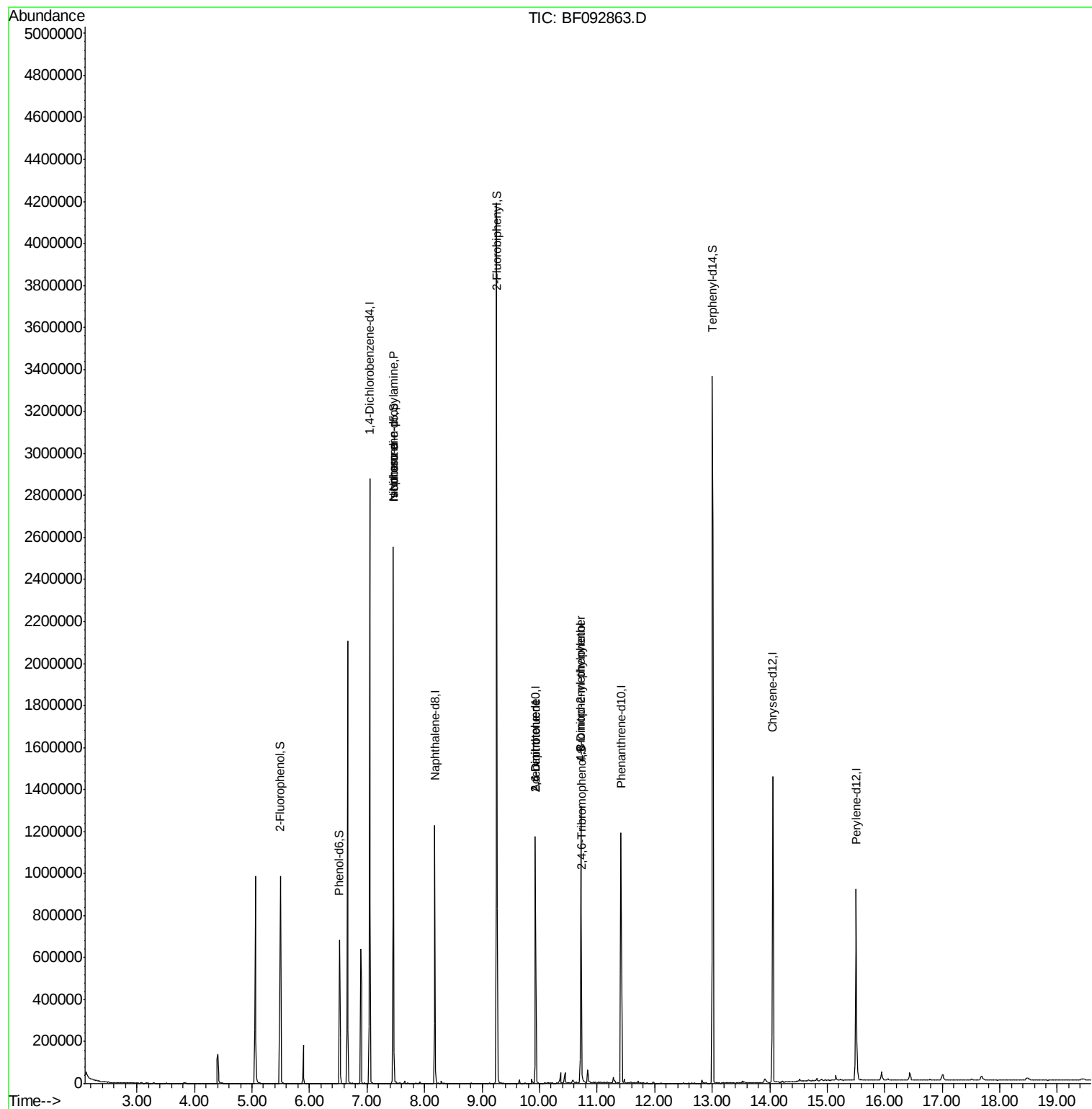
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	470392	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	545105	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	288155	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	483985	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	476734	20.00	ng	-0.09
86) Perylene-d12	15.51	264	440534	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	284259	10.37	ng	-0.08
7) Phenol-d6	6.52	99	219949	6.23	ng	-0.08
23) Nitrobenzene-d5	7.46	82	817308	83.50	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	193558	92.87	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1410520	88.68	ng	-0.08
78) Terphenyl-d14	13.00	244	1556685	76.72	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	109371	4.87	ng	# 80
25) Isophorone	7.46	82	814428	44.65	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	36416	8.69	ng	# 31
56) 2,4-Dinitrotoluene	9.93	165	36418	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.72	198	324	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13740	2.72	ng	# 1

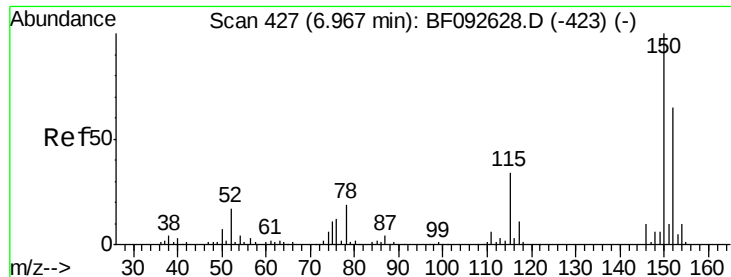
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.08 min

Lab File: BF092863.D

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Instrument :

BNA_F

ClientSampleId :

020217-PR-E-D-M

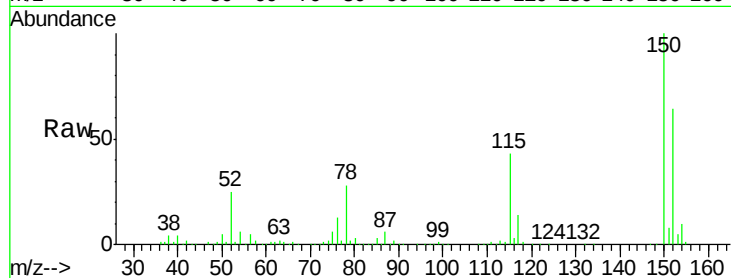
Tgt Ion:152 Resp: 470392

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

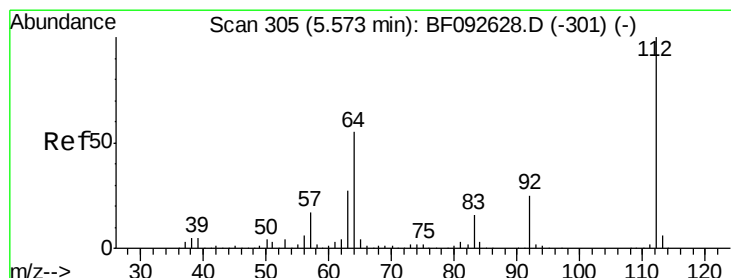
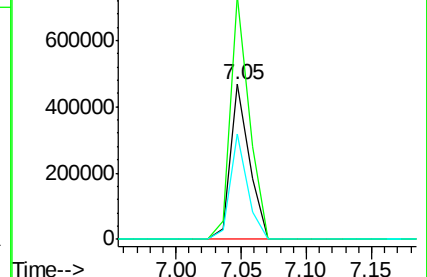
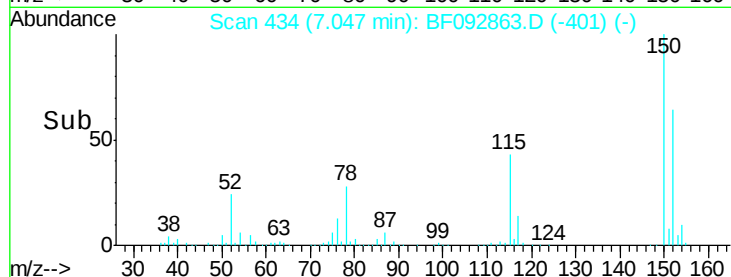
115 68.1 46.0 69.0



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: 10.37 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

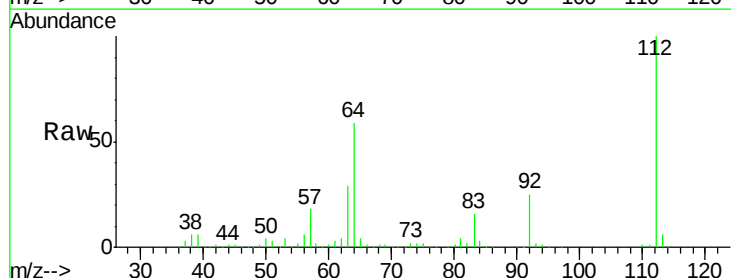
Tgt Ion:112 Resp: 284259

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

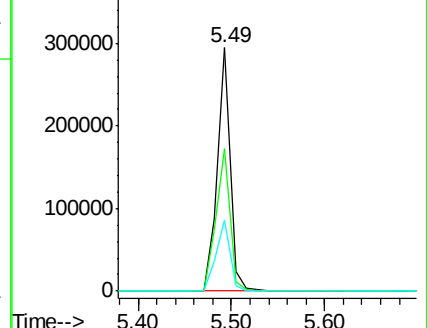
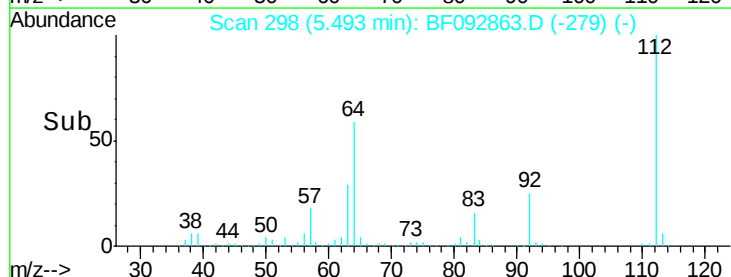
63 29.2 23.8 35.6

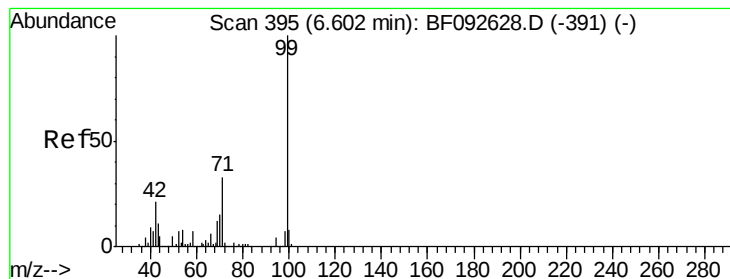


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-D-M

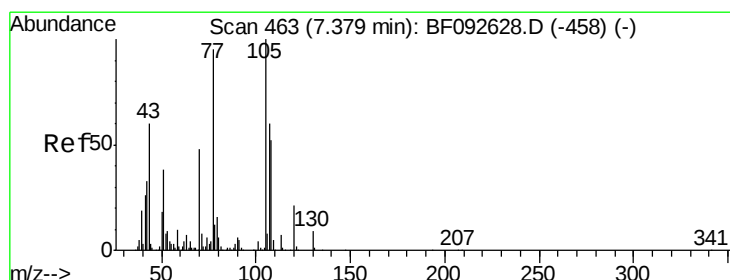
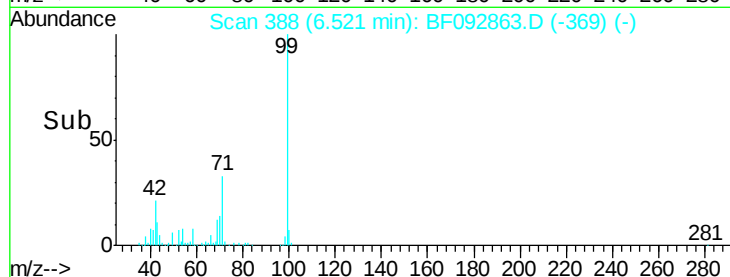
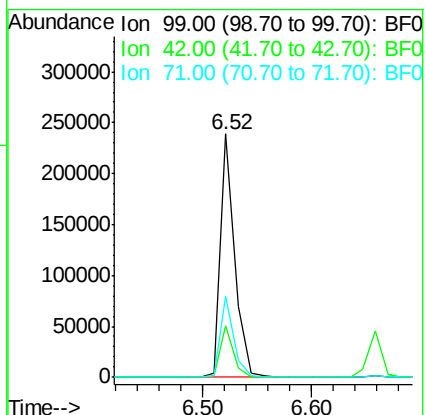
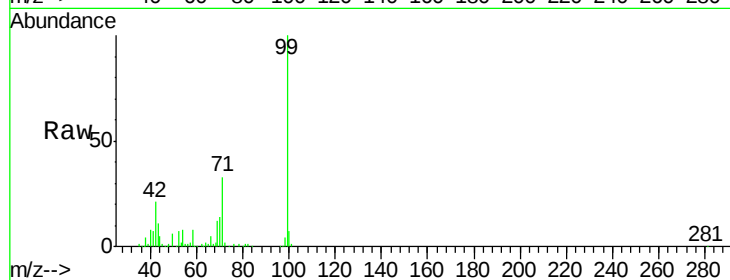
Tgt Ion: 99 Resp: 219949

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 33.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.87 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

Tgt Ion: 70 Resp: 109371

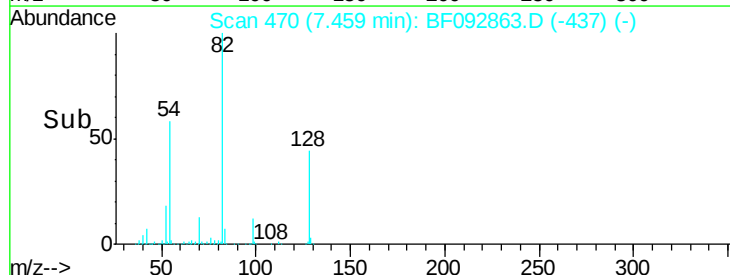
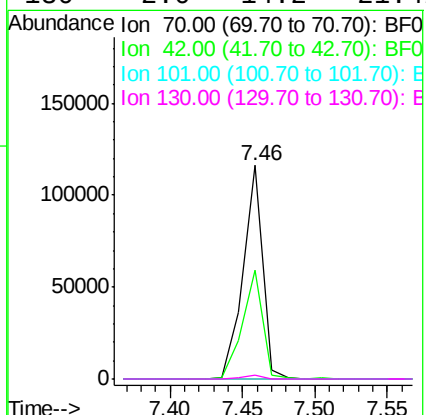
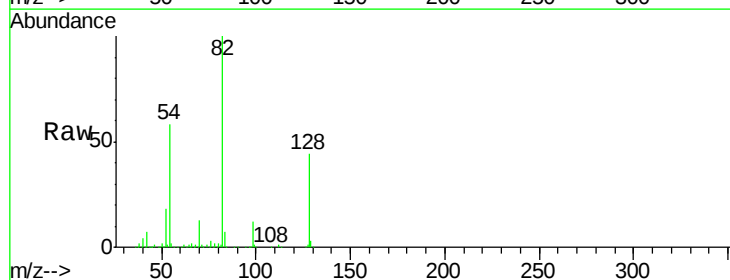
Ion Ratio Lower Upper

70 100

42 51.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

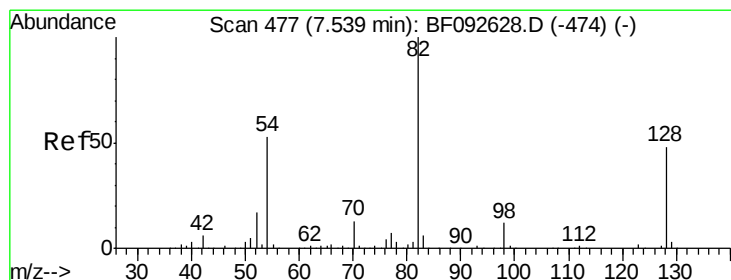
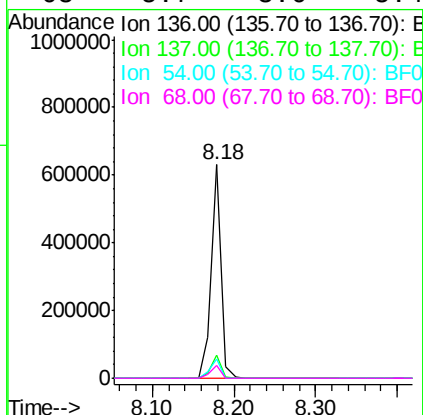
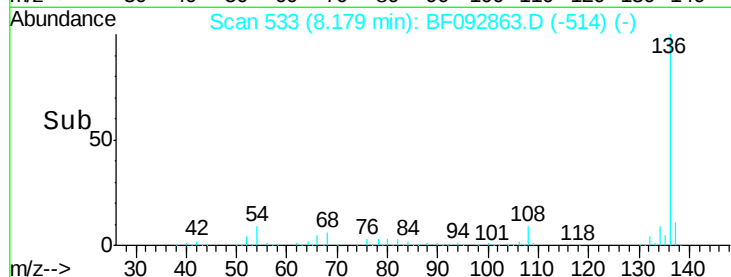
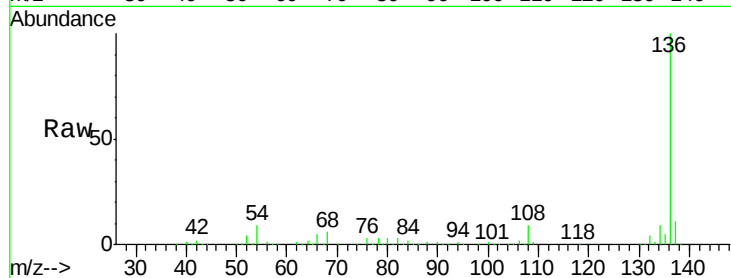




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092863.D
Acq: 8 Feb 2017 19:51

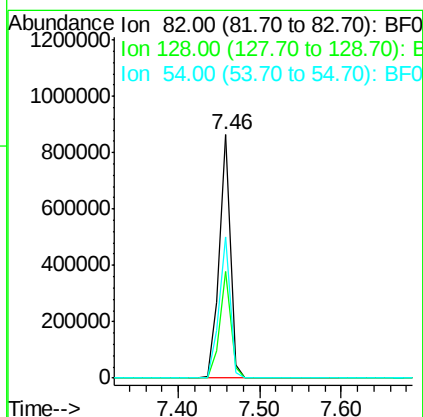
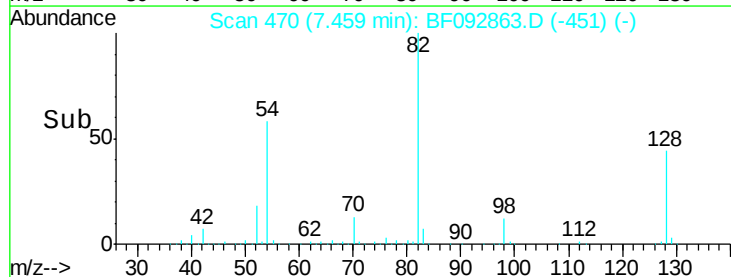
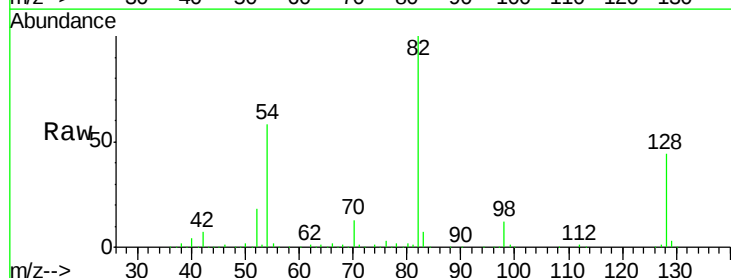
Instrument :
BNA_F
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020217-PR-E-D-M

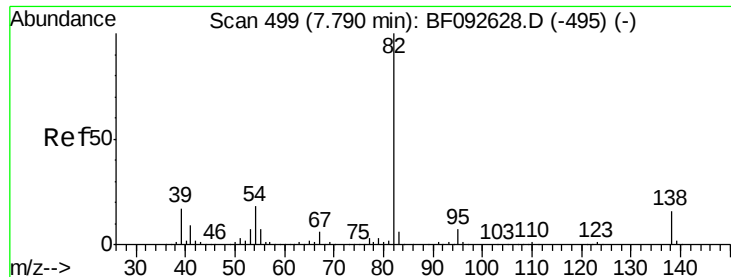
Tgt Ion:	136	Resp:	545105
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.8	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.50 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092863.D
Acq: 8 Feb 2017 19:51

Tgt Ion:	82	Resp:	817308
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	57.7	39.5	59.3

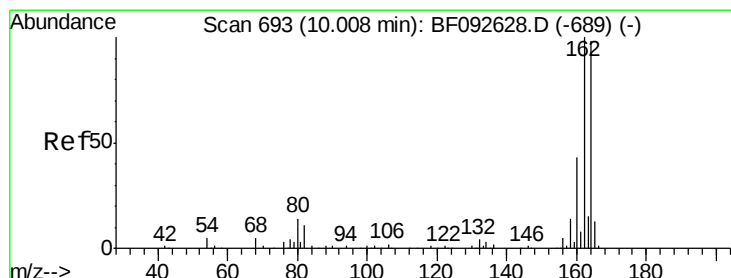
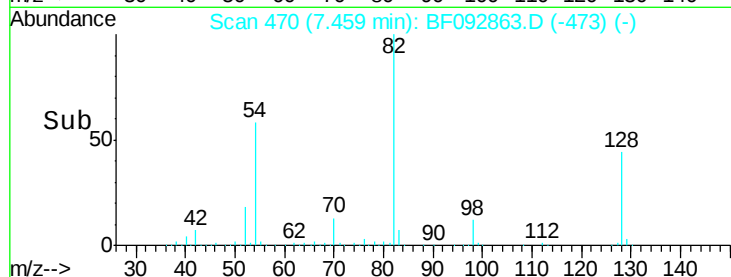
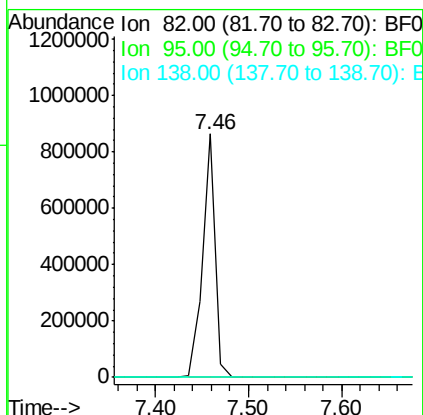
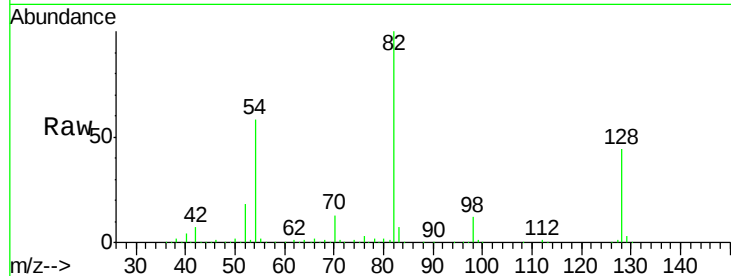




#25
Isophorone
Concen: 44.65 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092863.D
Acq: 8 Feb 2017 19:51

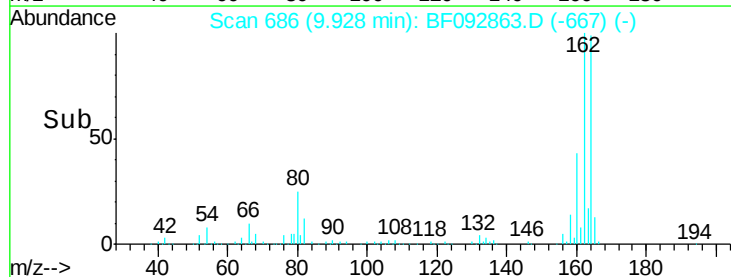
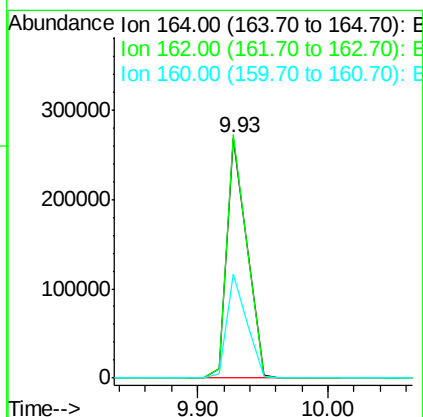
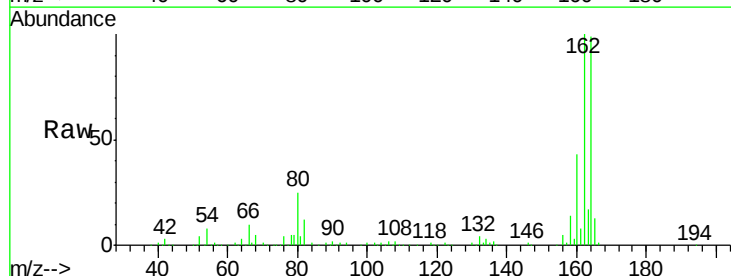
Instrument :
BNA_F
ClientSampleId :
020217-PR-E-D-M

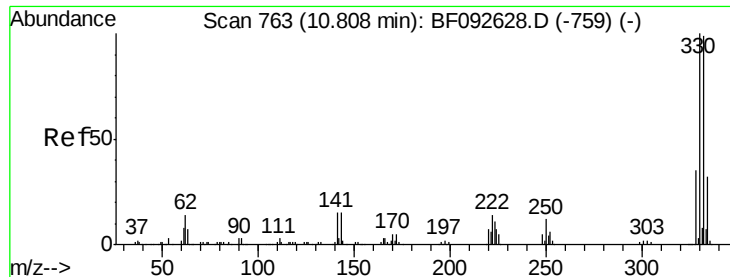
Tgt Ion: 82 Resp: 814428
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF092863.D
Acq: 8 Feb 2017 19:51

Tgt Ion: 164 Resp: 288155
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.4 36.9 55.3

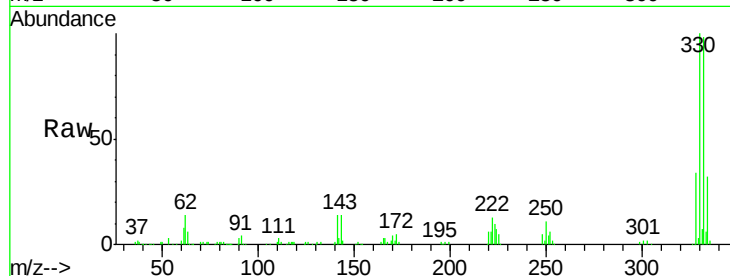




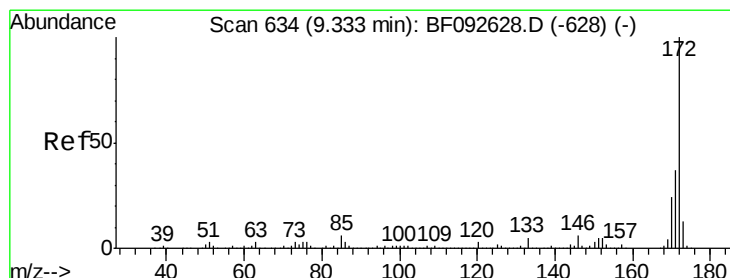
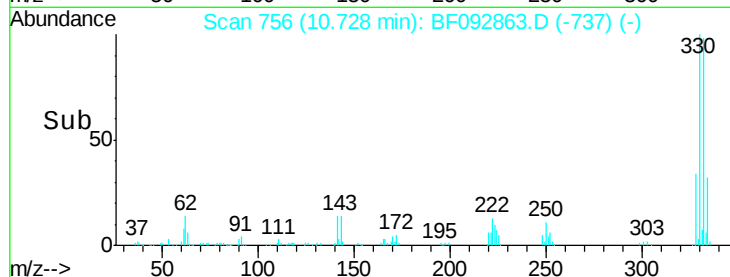
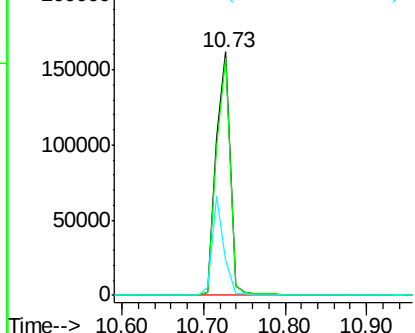
#41
 2,4,6-Tribromophenol
 Concen: 92.87 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092863.D
 Acq: 8 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-D-M

Tgt Ion:330 Resp: 193558
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 34.4 34.1 51.1

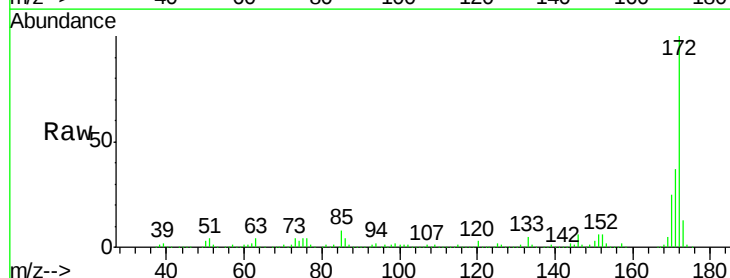


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

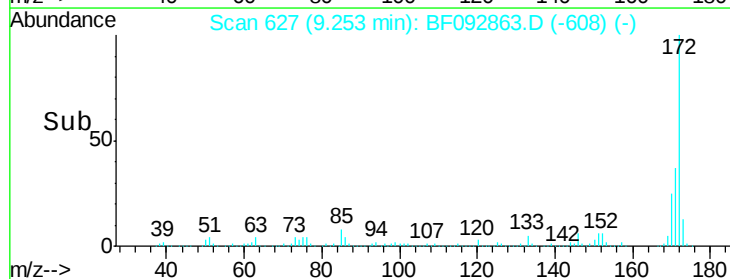
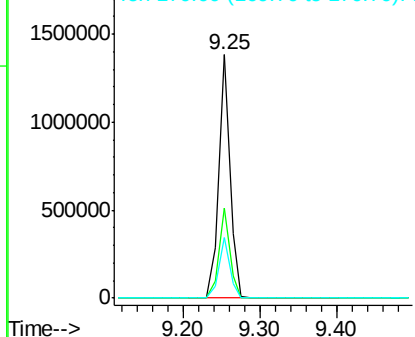


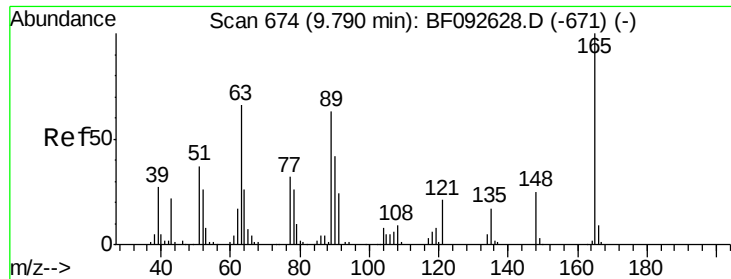
#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092863.D
 Acq: 8 Feb 2017 19:51

Tgt Ion:172 Resp: 1410520
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.8 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

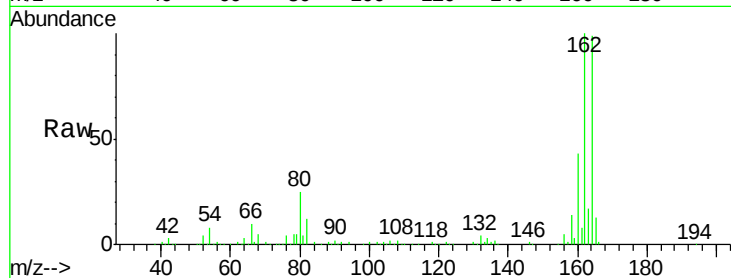




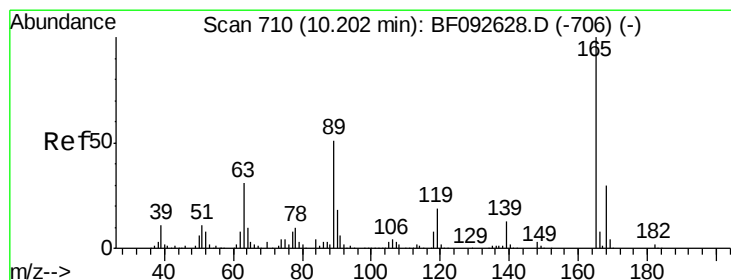
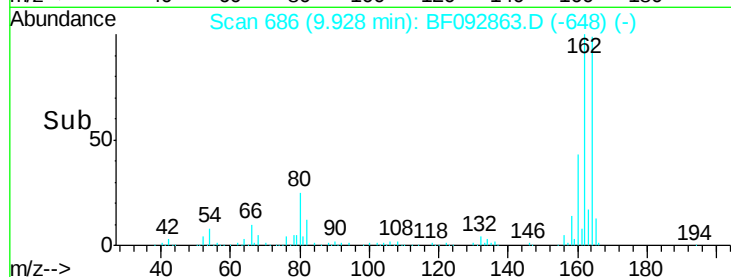
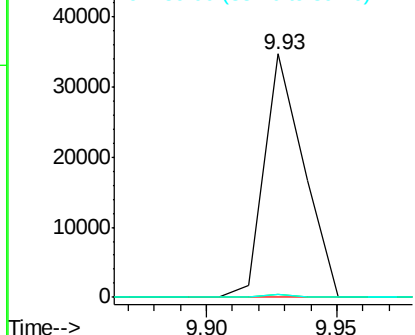
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.14 min
 Lab File: BF092863.D
 Acq: 8 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-D-M

Tgt Ion:165 Resp: 36416
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 1.3 40.2 60.4#

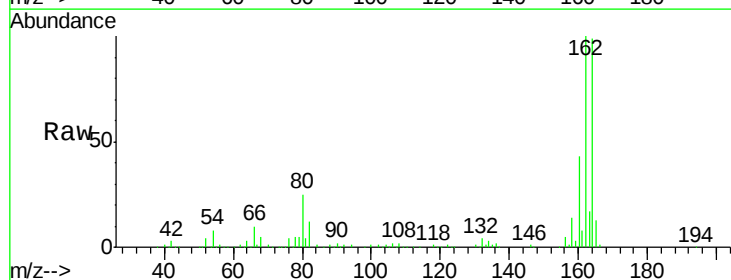


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

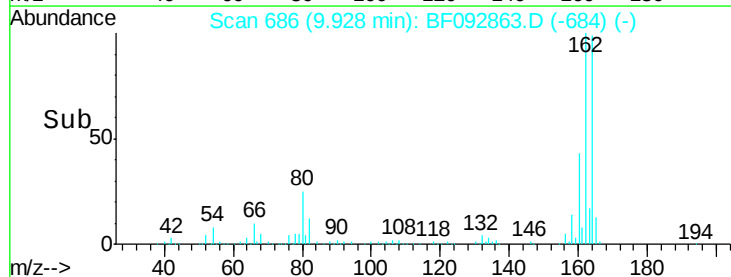
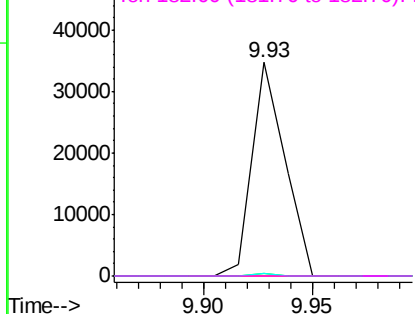


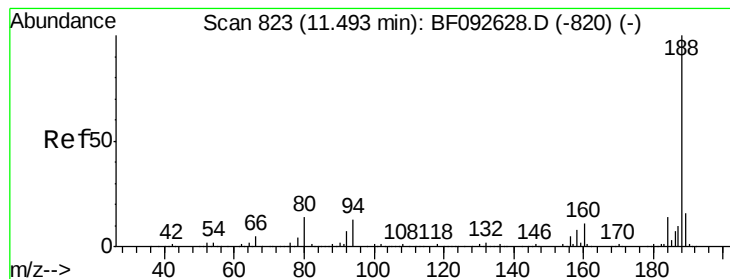
#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.27 min
 Lab File: BF092863.D
 Acq: 8 Feb 2017 19:51

Tgt Ion:165 Resp: 36418
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.2 60.4#
 89 1.3 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: 11.41 min Scan# 816

Delta R.T. -0.08 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-D-M

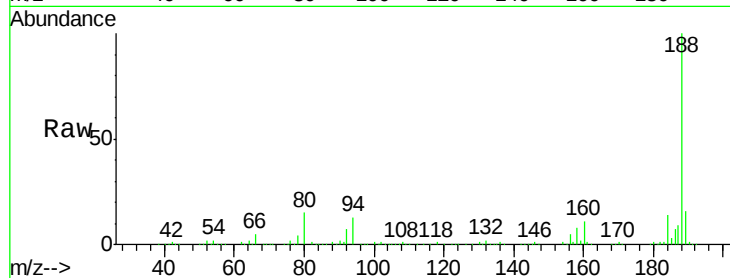
Tgt Ion:188 Resp: 483985

Ion Ratio Lower Upper

188 100

94 12.7 10.0 15.0

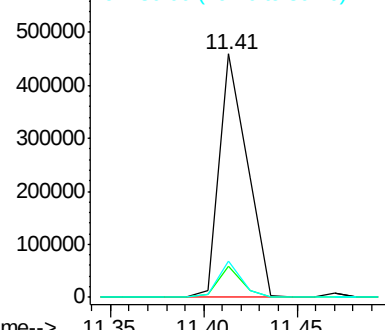
80 14.8 11.2 16.8



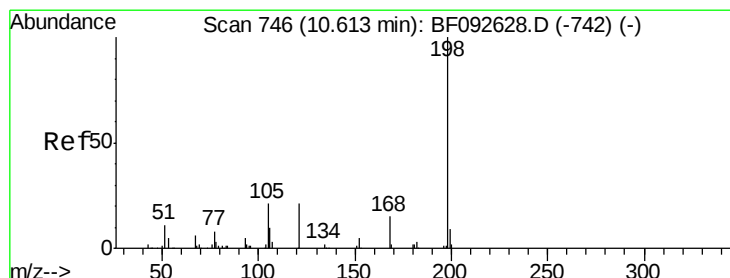
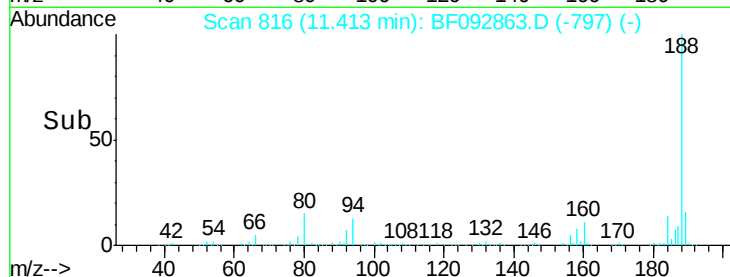
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 2.77 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.10 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

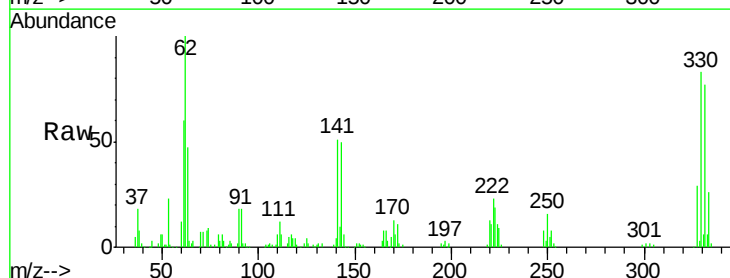
Tgt Ion:198 Resp: 324

Ion Ratio Lower Upper

198 100

51 289.9 6.7 46.7#

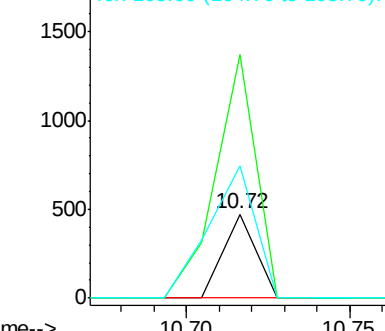
105 157.1 16.6 56.6#



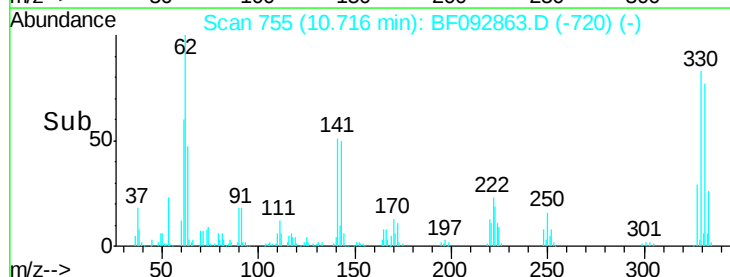
Abundance Ion 198.00 (197.70 to 198.70): E

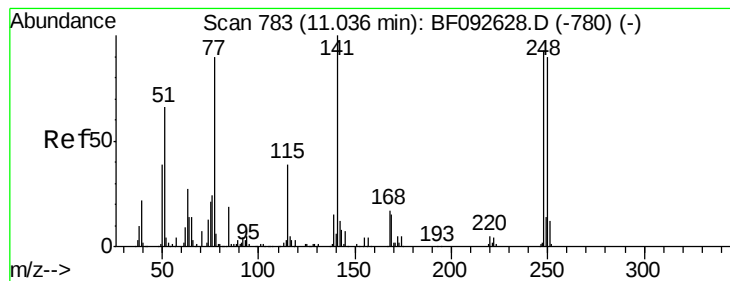
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.70 10.75





#66

4-Bromophenyl-phenylether

Concen: 2.72 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.32 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-D-M

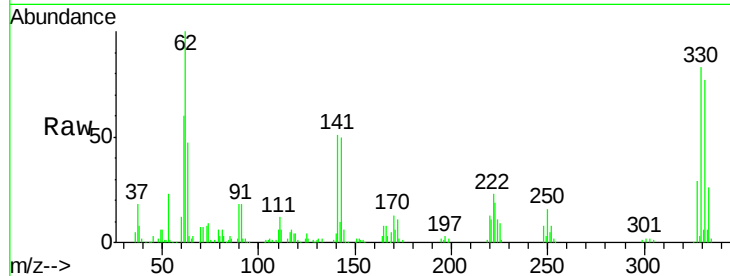
Tgt Ion:248 Resp: 13740

Ion Ratio Lower Upper

248 100

250 200.2 76.9 115.3#

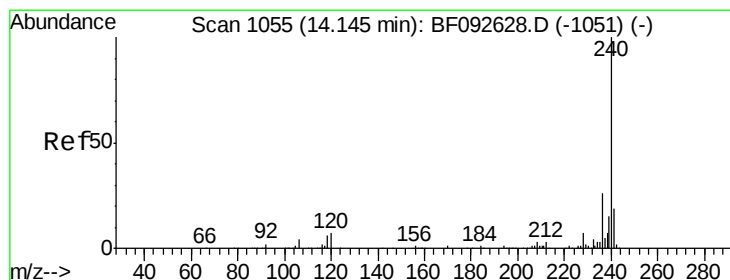
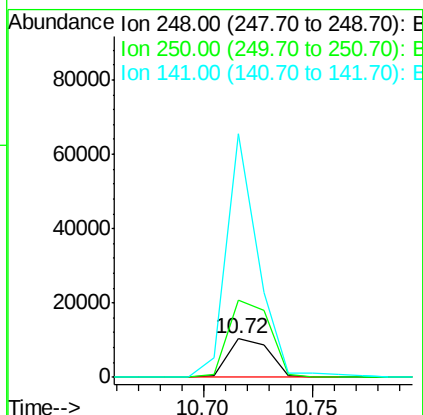
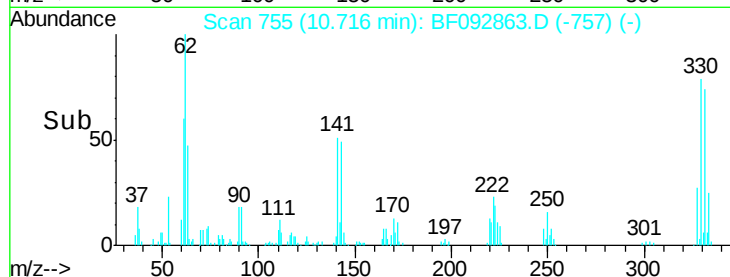
141 631.2 68.2 102.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

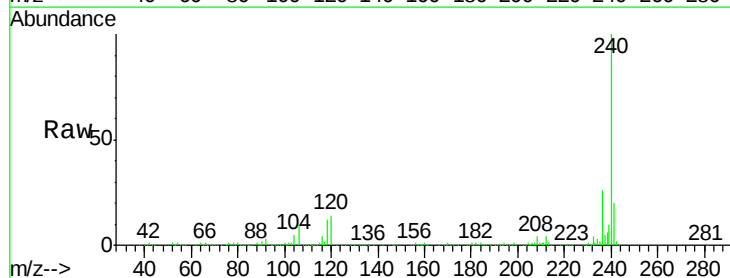
Tgt Ion:240 Resp: 476734

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

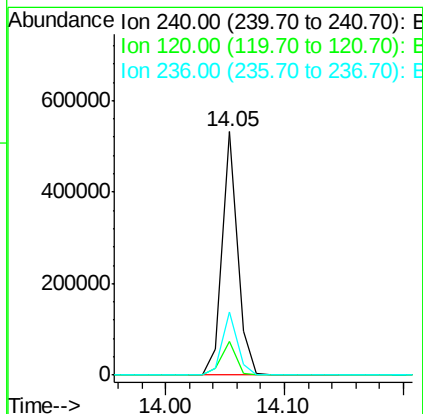
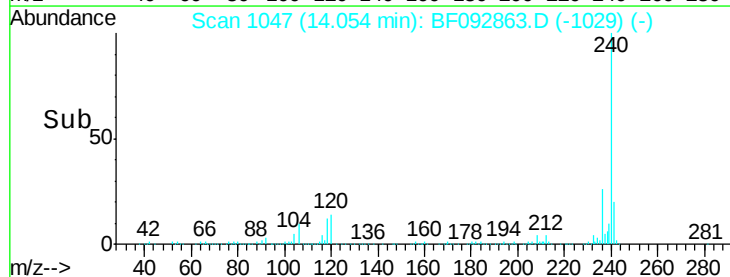
236 25.8 20.9 31.3

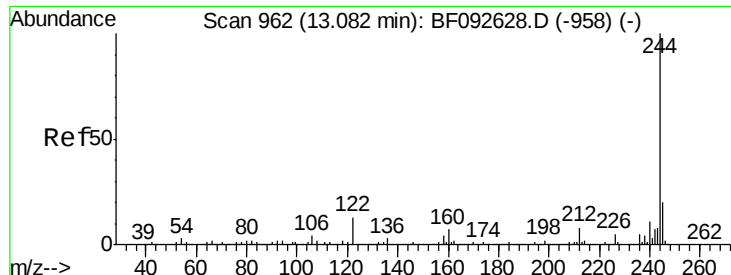


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.72 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.08 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-D-M

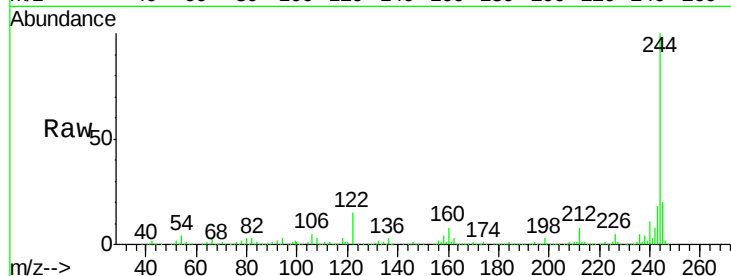
Tgt Ion:244 Resp: 155685

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

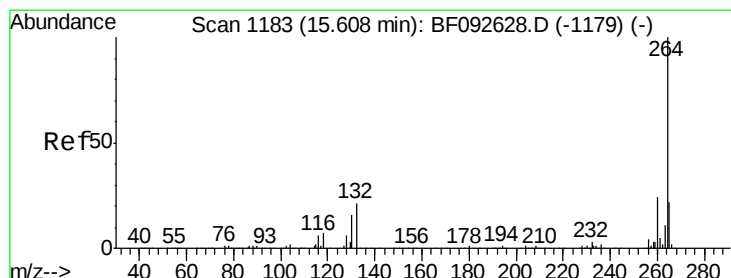
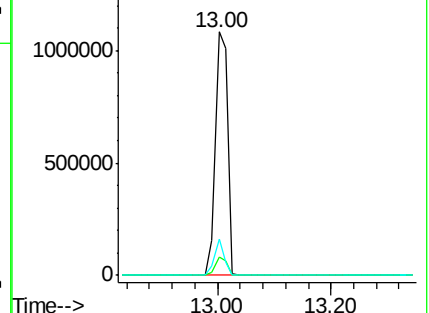
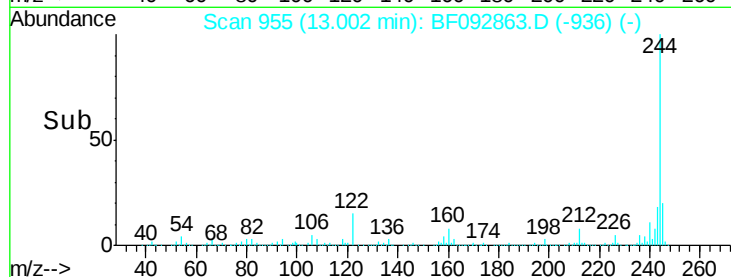
122 15.0 11.4 17.2



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: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092863.D

Acq: 8 Feb 2017 19:51

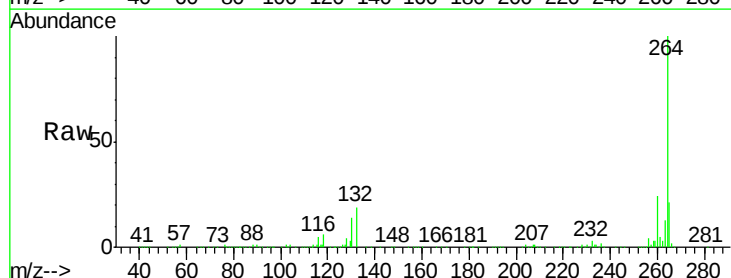
Tgt Ion:264 Resp: 440534

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 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

