

Data File : BF092995.D
Acq On : 16 Feb 2017 21:48
Operator : SJ/MA
Sample : I1859-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

Quant Time: Feb 16 23:55:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136859	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	527040	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	294686	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	502635	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	429661	20.00	ng	-0.05
86) Perylene-d12	15.44	264	205823	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1018130	127.63	ng	-0.02
7) Phenol-d6	6.50	99	1266348	123.38	ng	-0.03
23) Nitrobenzene-d5	7.42	82	951996	100.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	274746	128.91	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1550800	95.34	ng	-0.02
78) Terphenyl-d14	12.97	244	1532386	83.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	125276	19.17	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	38643	9.01	ng	# 30
56) 2,4-Dinitrotoluene	9.89	165	38645	6.77	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	559	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	20331	3.87	ng	# 1

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

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280385-COMP-0-2FT

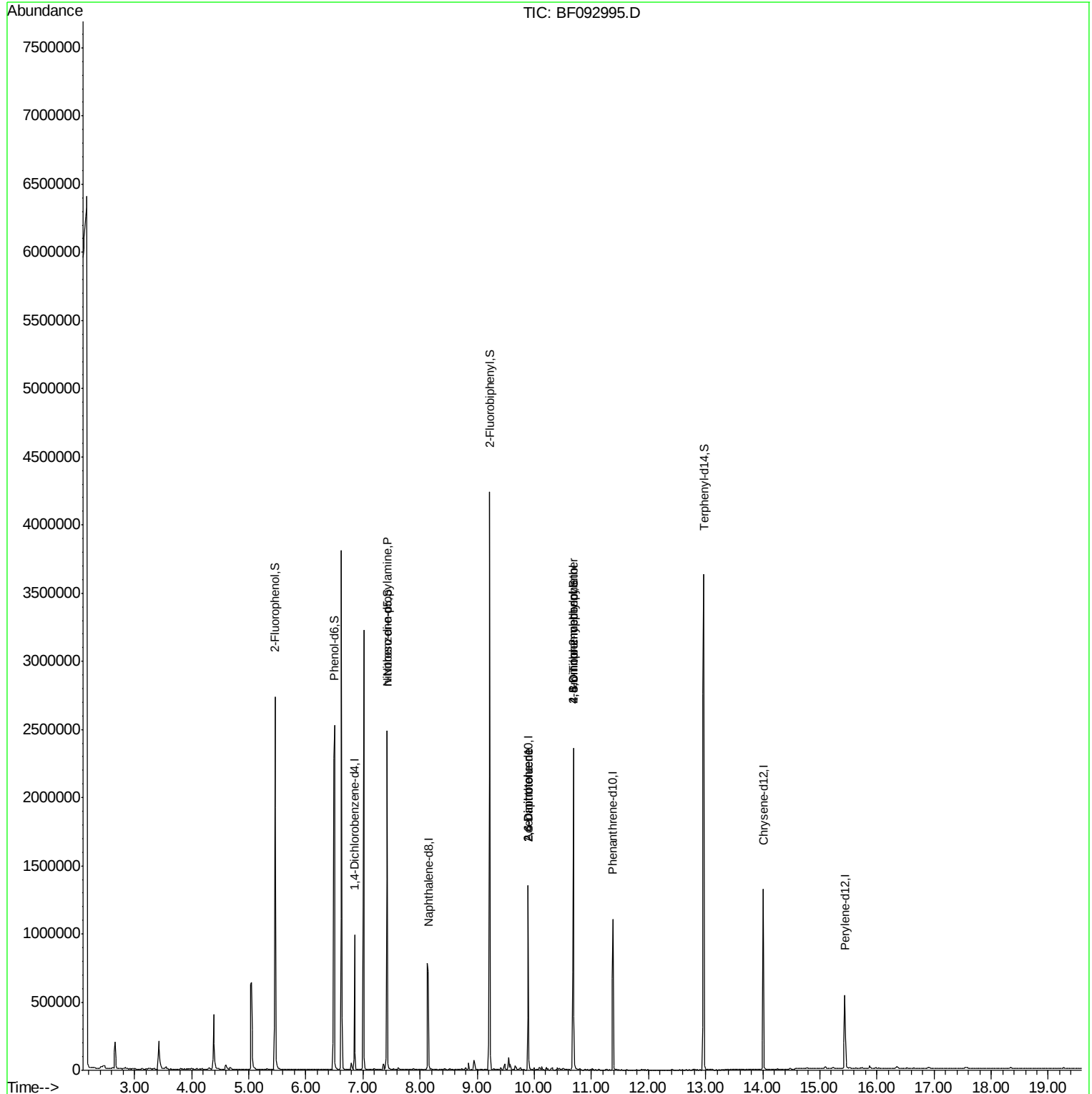
Quant Time: Feb 16 23:55:18 2017

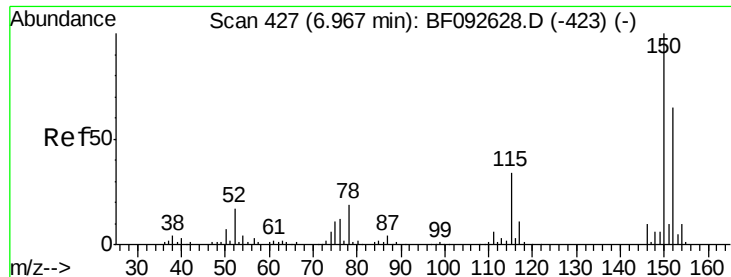
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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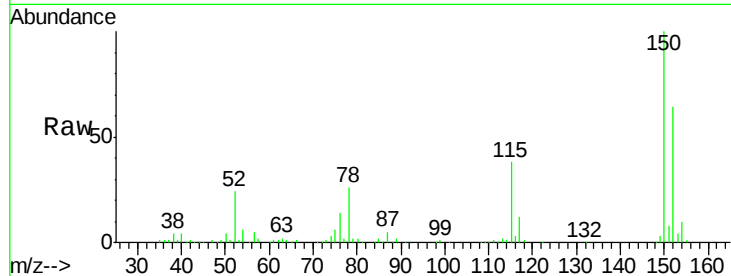




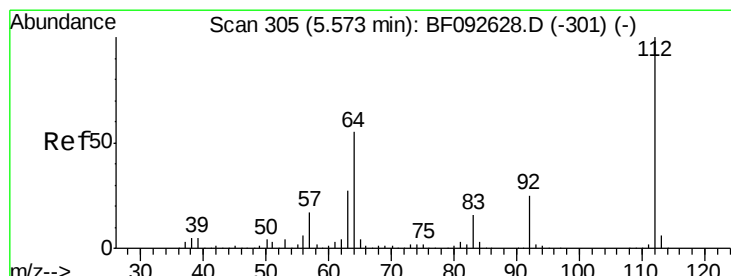
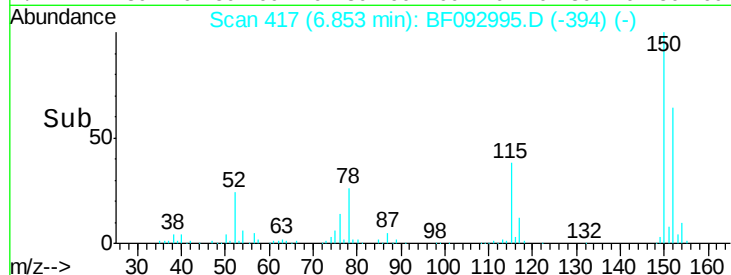
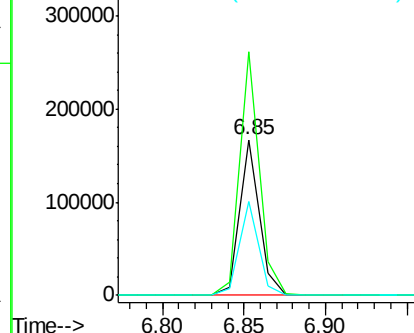
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion:152 Resp: 136859
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 60.0 46.0 69.0

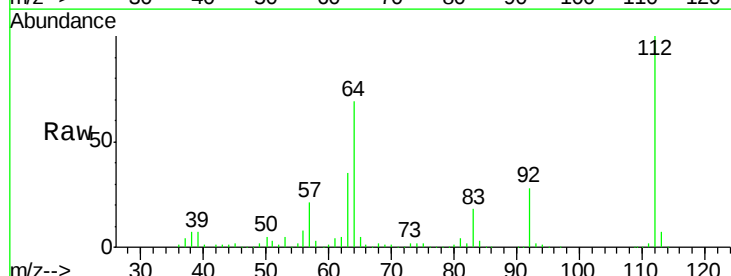


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

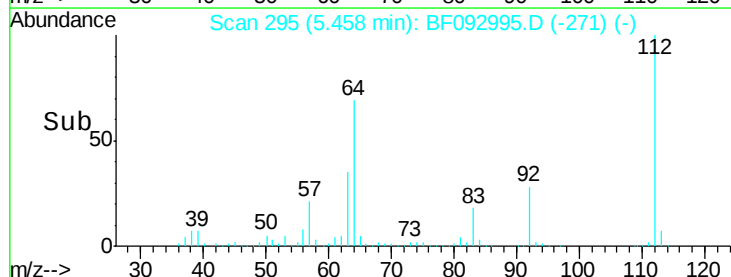
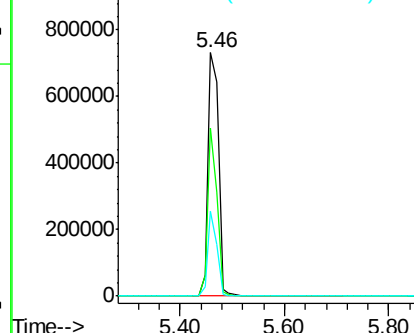


#5
 2-Fluorophenol
 Concen: 127.63 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:112 Resp: 1018130
 Ion Ratio Lower Upper
 112 100
 64 68.8 46.1 69.1
 63 34.9 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: 123.38 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT

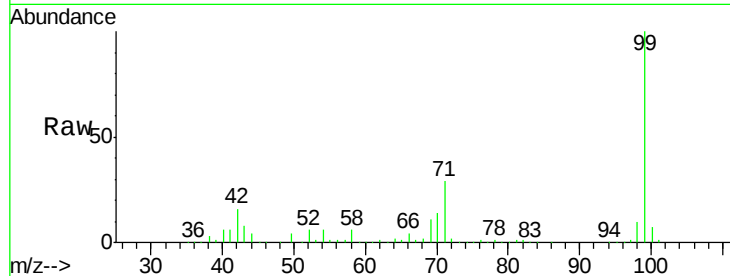
Tgt Ion: 99 Resp: 1266348

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

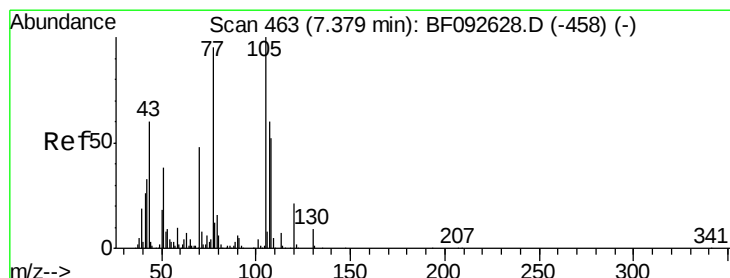
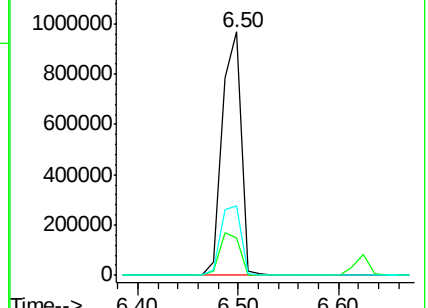
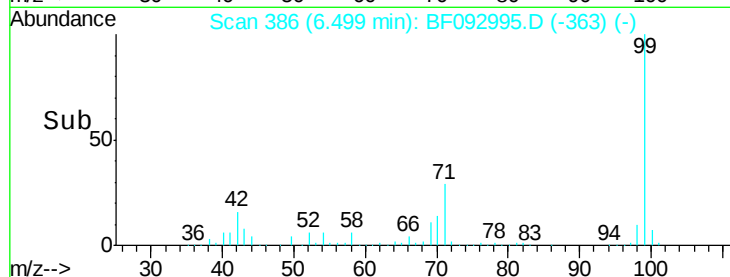
71 28.7 27.5 41.3



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: 19.17 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Tgt Ion: 70 Resp: 125276

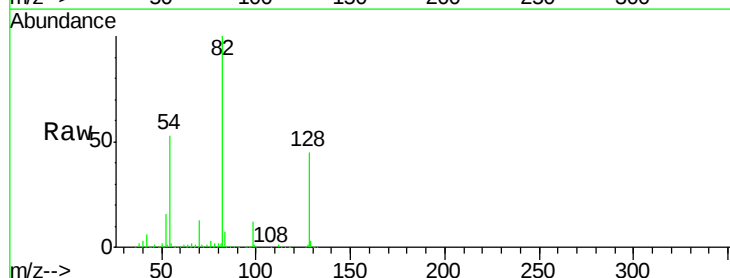
Ion Ratio Lower Upper

70 100

42 46.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

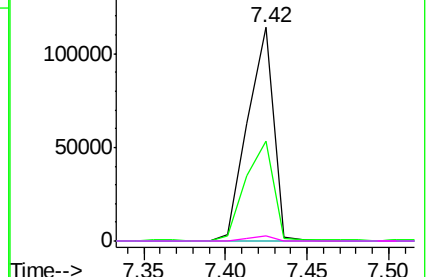
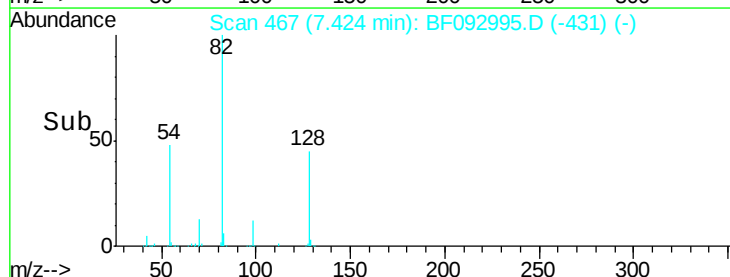


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

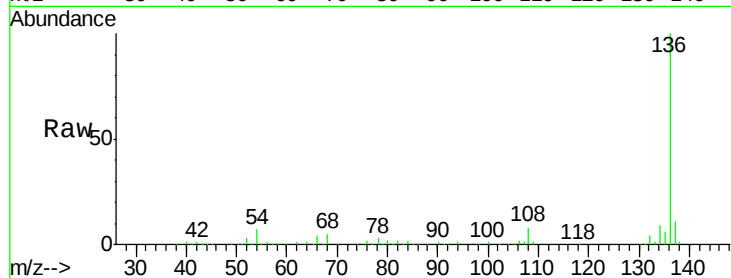




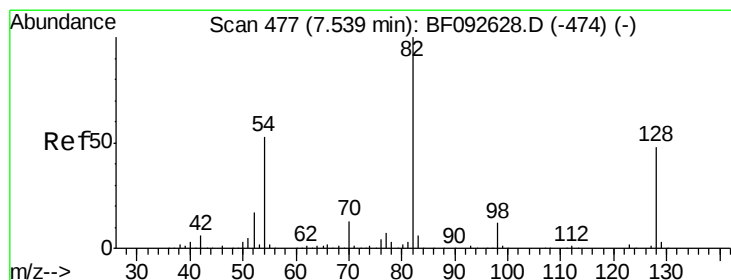
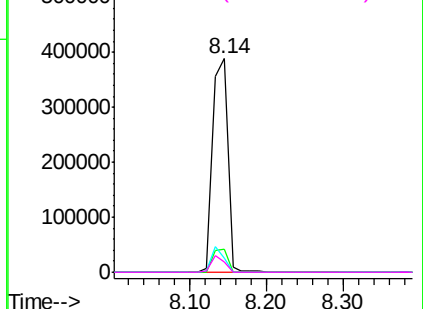
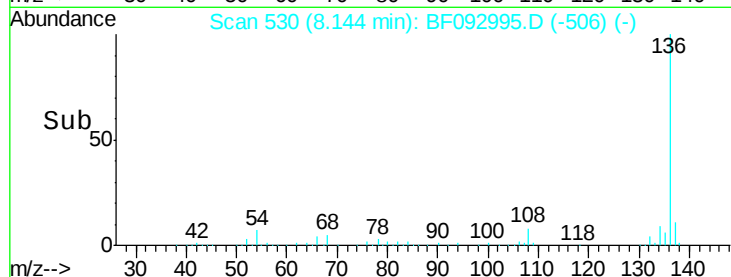
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092995.D
Acq: 16 Feb 2017 21:48

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

Tgt Ion:	136	Resp:	527040
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.5	4.5	6.7
68	4.9	3.6	5.4

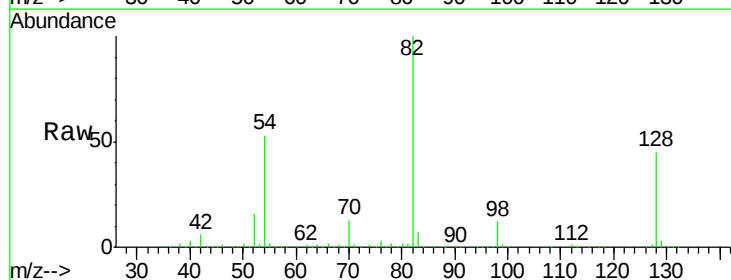


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

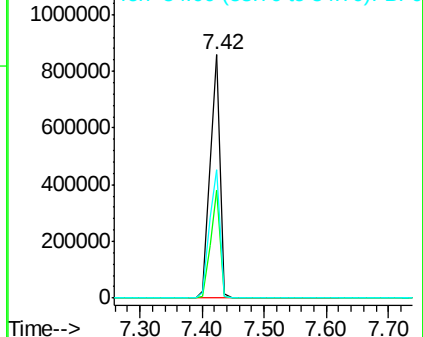
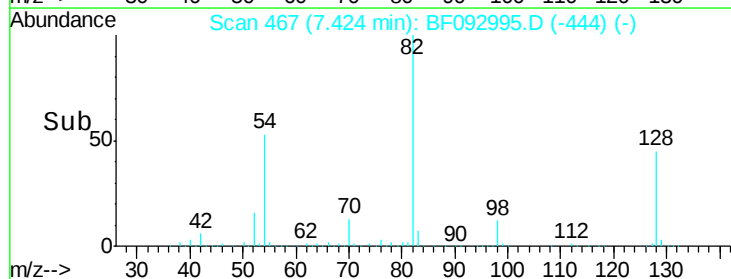


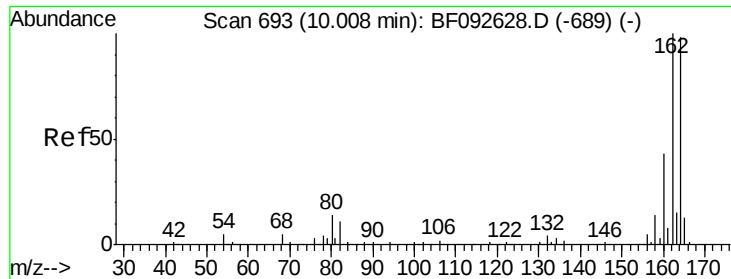
#23
Nitrobenzene-d5
Concen: 100.59 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF092995.D
Acq: 16 Feb 2017 21:48

Tgt Ion:	82	Resp:	951996
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	52.7	39.5	59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT

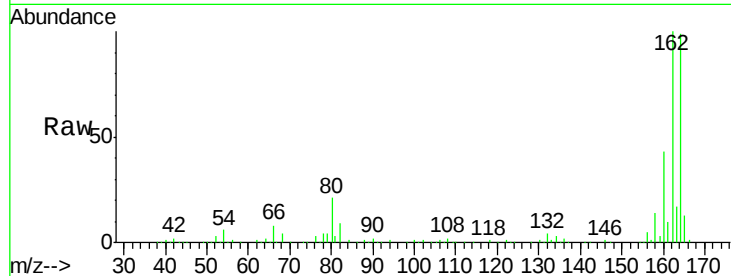
Tgt Ion:164 Resp: 294686

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

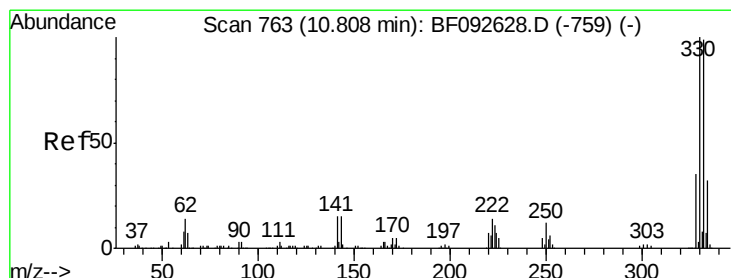
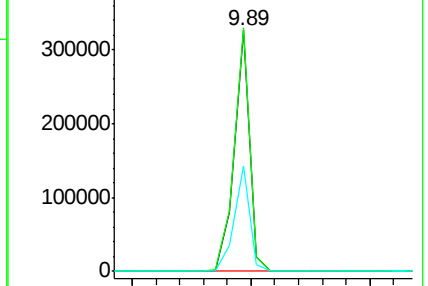
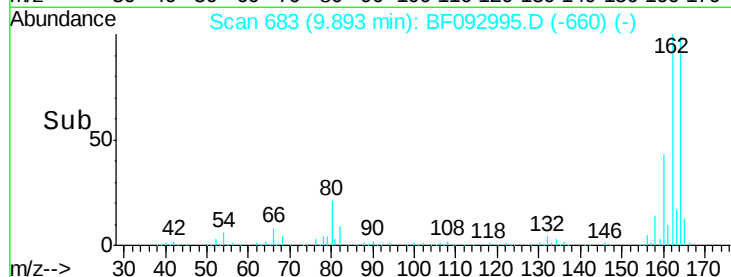
160 43.8 36.9 55.3



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: 128.91 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

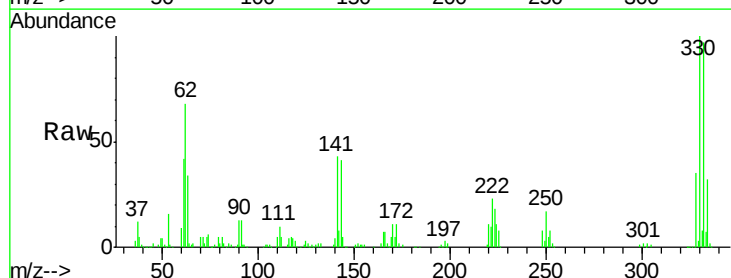
Tgt Ion:330 Resp: 274746

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

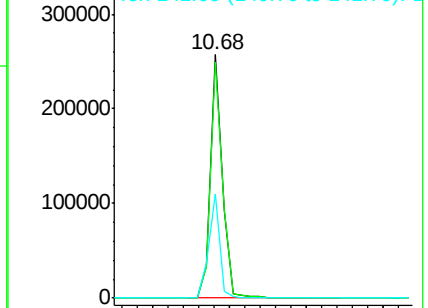
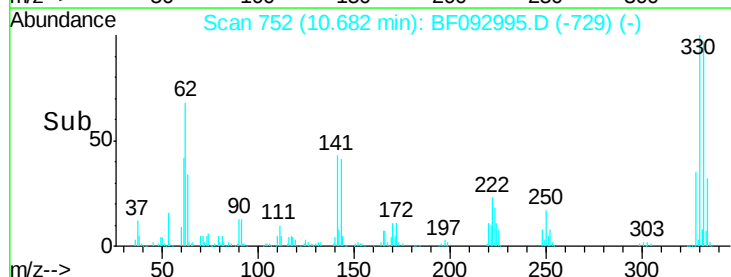
141 40.0 34.1 51.1



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

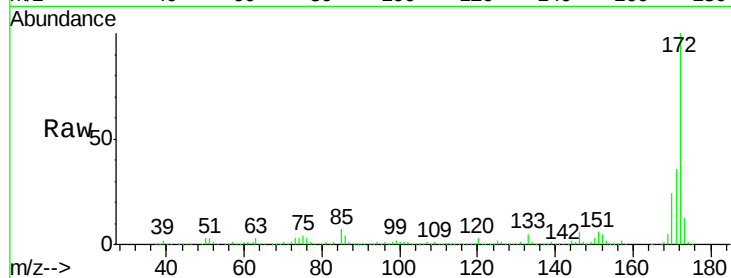




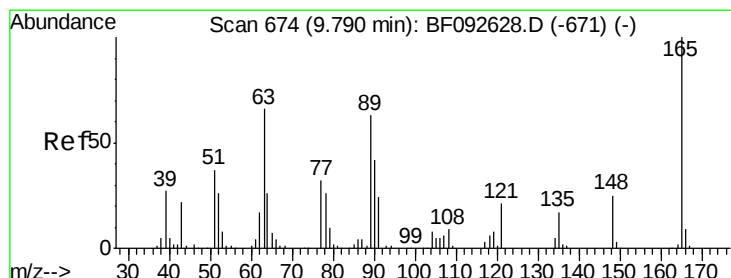
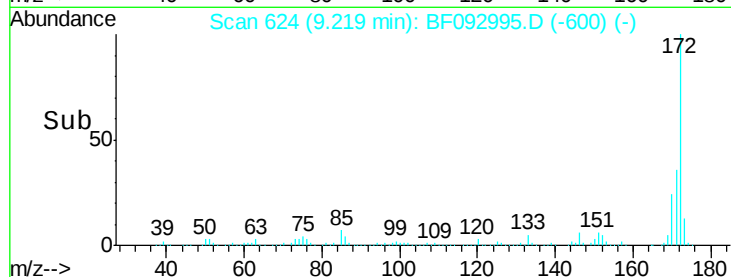
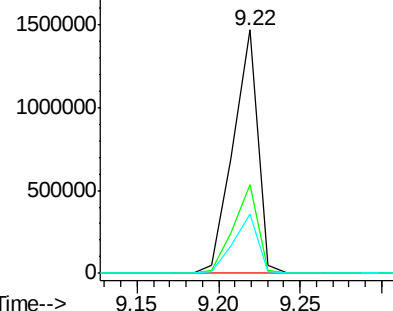
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion:172 Resp: 1550800
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.5 20.2 30.4

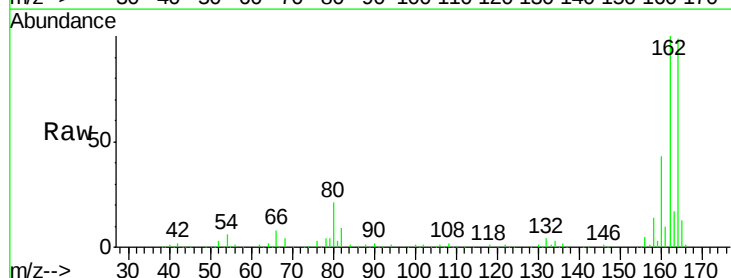


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

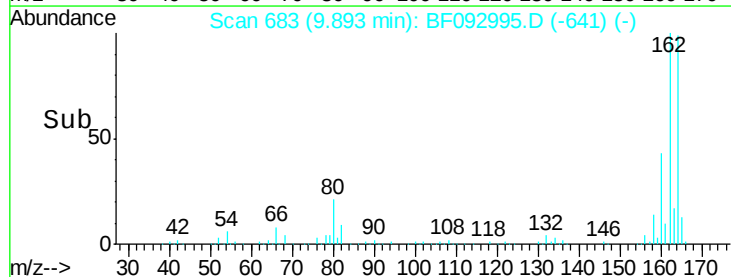
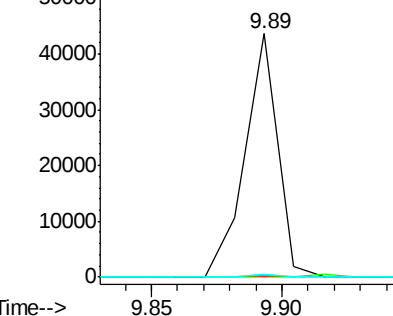


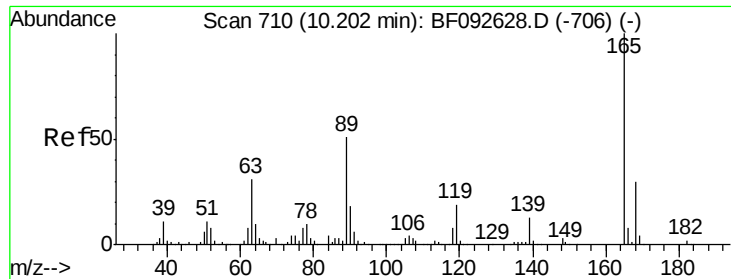
#50
 2,6-Dinitrotoluene
 Concen: 9.01 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:165 Resp: 38643
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.0 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 60000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

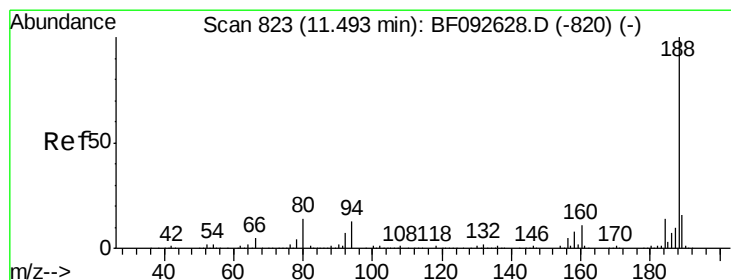
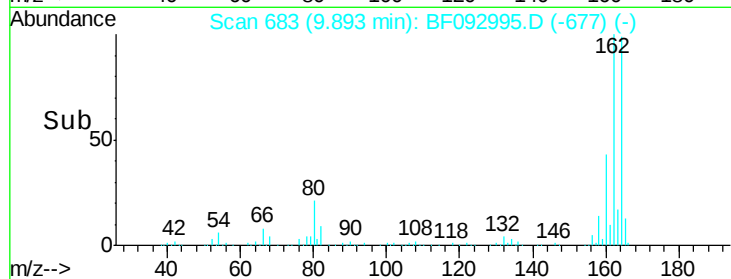
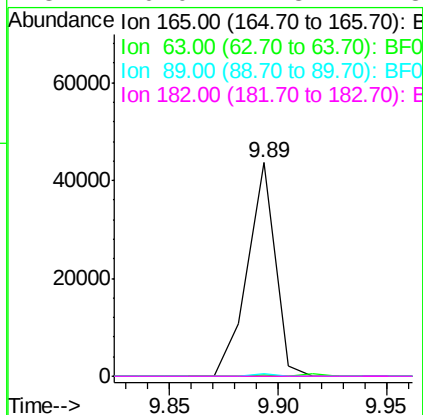
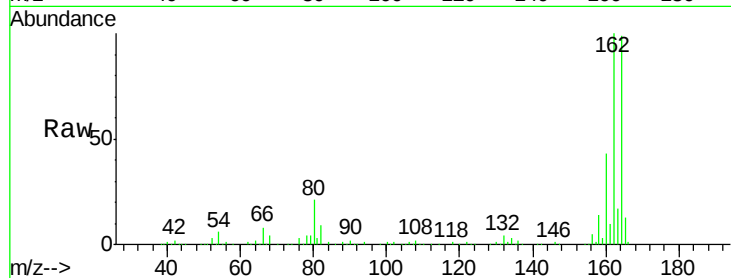




#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

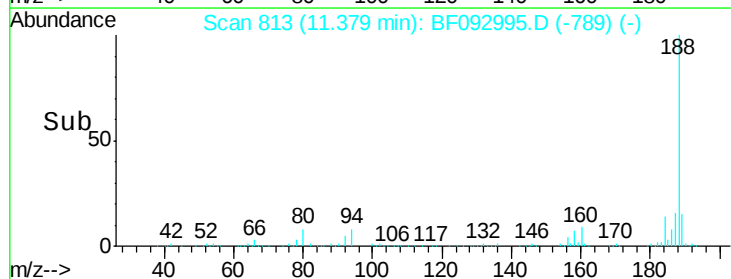
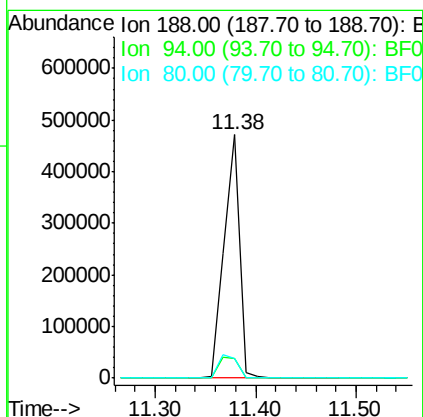
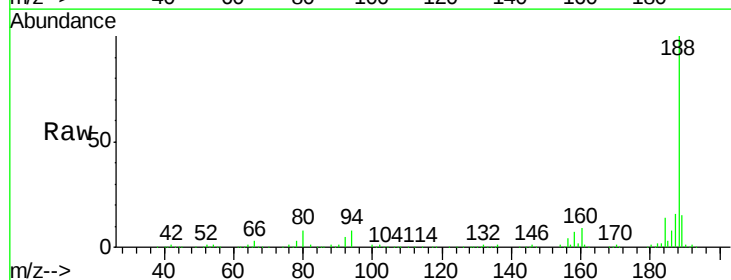
Instrument :
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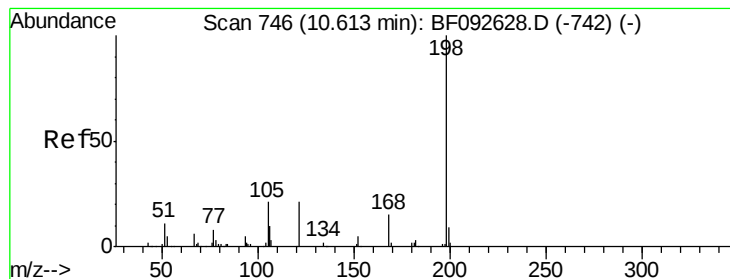
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.0	15.0#
80	7.9	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.84 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT

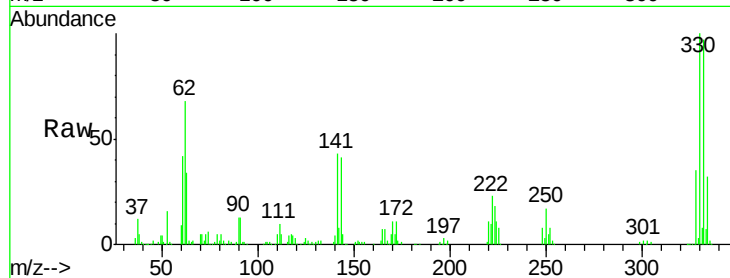
Tgt Ion:198 Resp: 559

Ion Ratio Lower Upper

198 100

51 219.0 6.7 46.7#

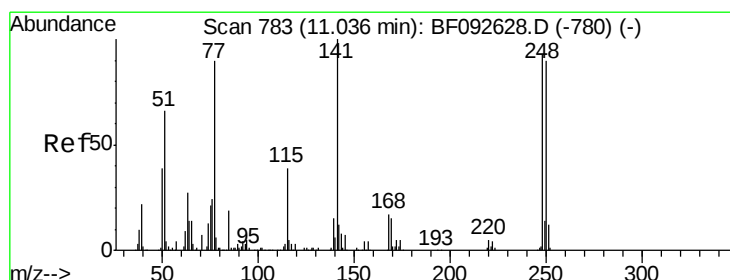
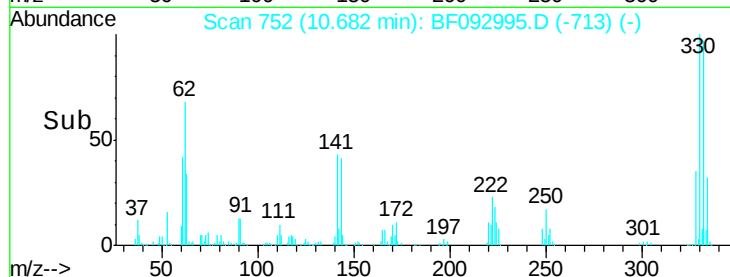
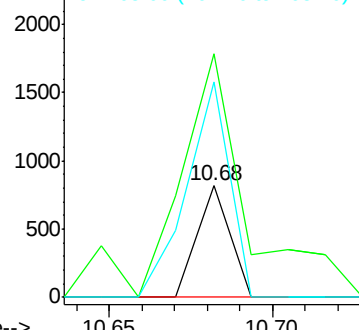
105 193.3 16.6 56.6#



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: 3.87 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

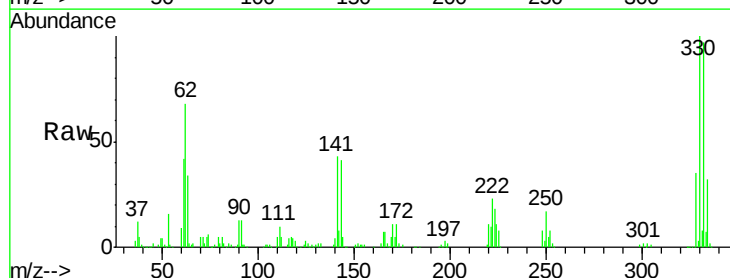
Tgt Ion:248 Resp: 20331

Ion Ratio Lower Upper

248 100

250 202.5 76.9 115.3#

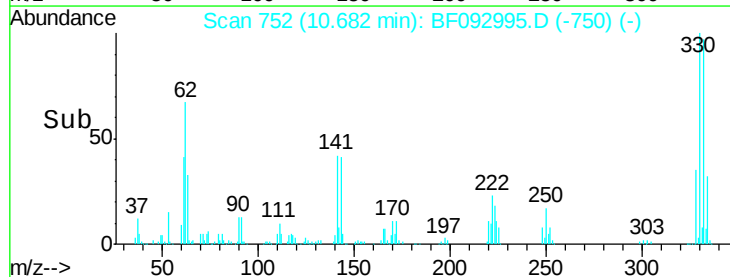
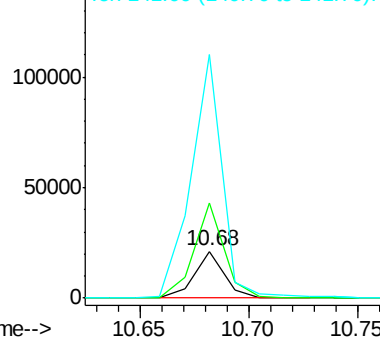
141 519.3 68.2 102.4#

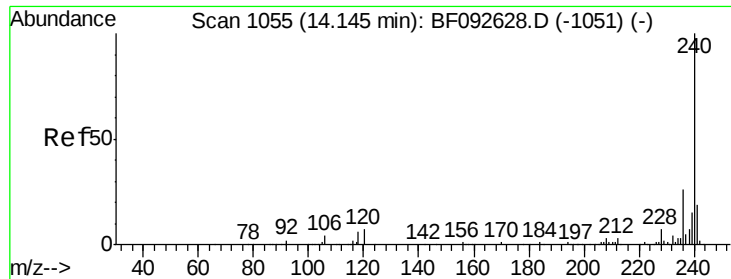


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

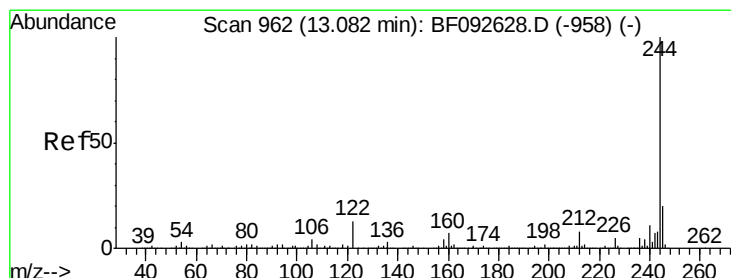
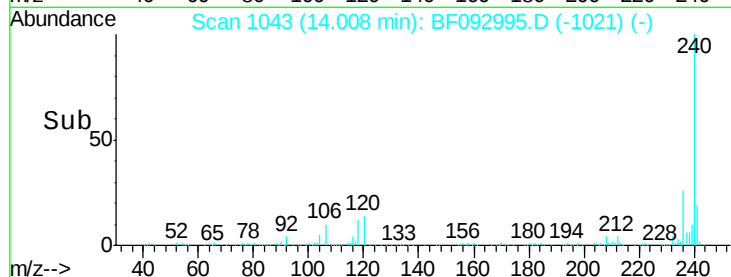
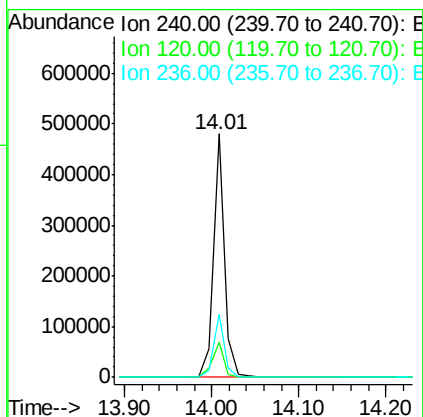
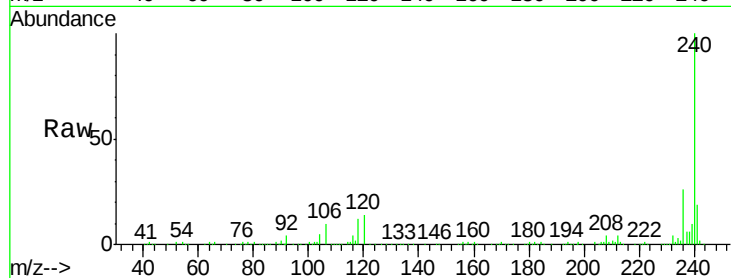




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

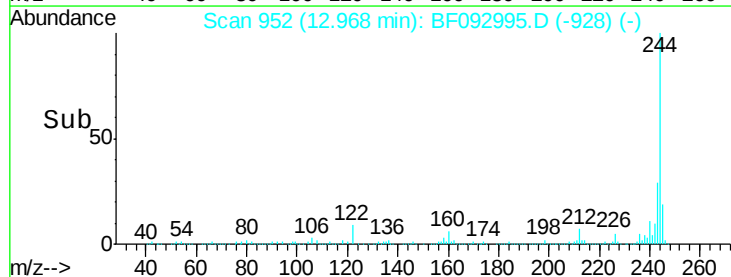
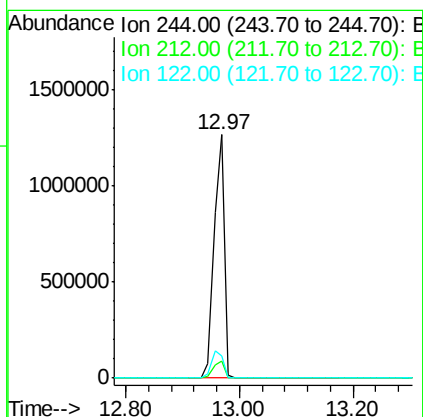
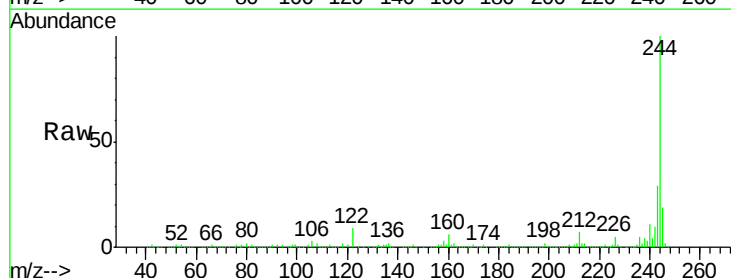
Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

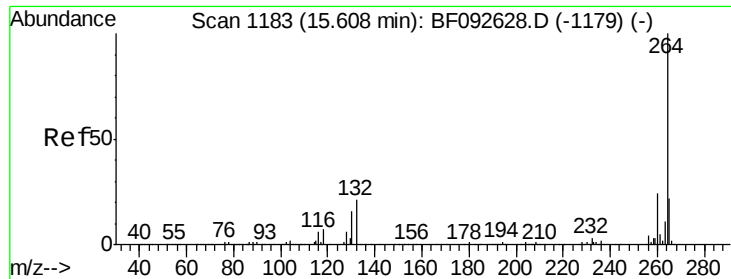
Tgt Ion:240 Resp: 429661
 Ion Ratio Lower Upper
 240 100
 120 14.2 12.9 19.3
 236 25.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 83.80 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:244 Resp: 1532386
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.3 11.4 17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF092995.D
Acq: 16 Feb 2017 21:48

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

Tgt Ion: 264 Resp: 205823
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.5 17.4 26.0

