

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092978.D
 Acq On : 16 Feb 2017 6:00
 Operator : SJ/MA
 Sample : I1790-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15

Quant Time: Feb 16 07:13:59 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

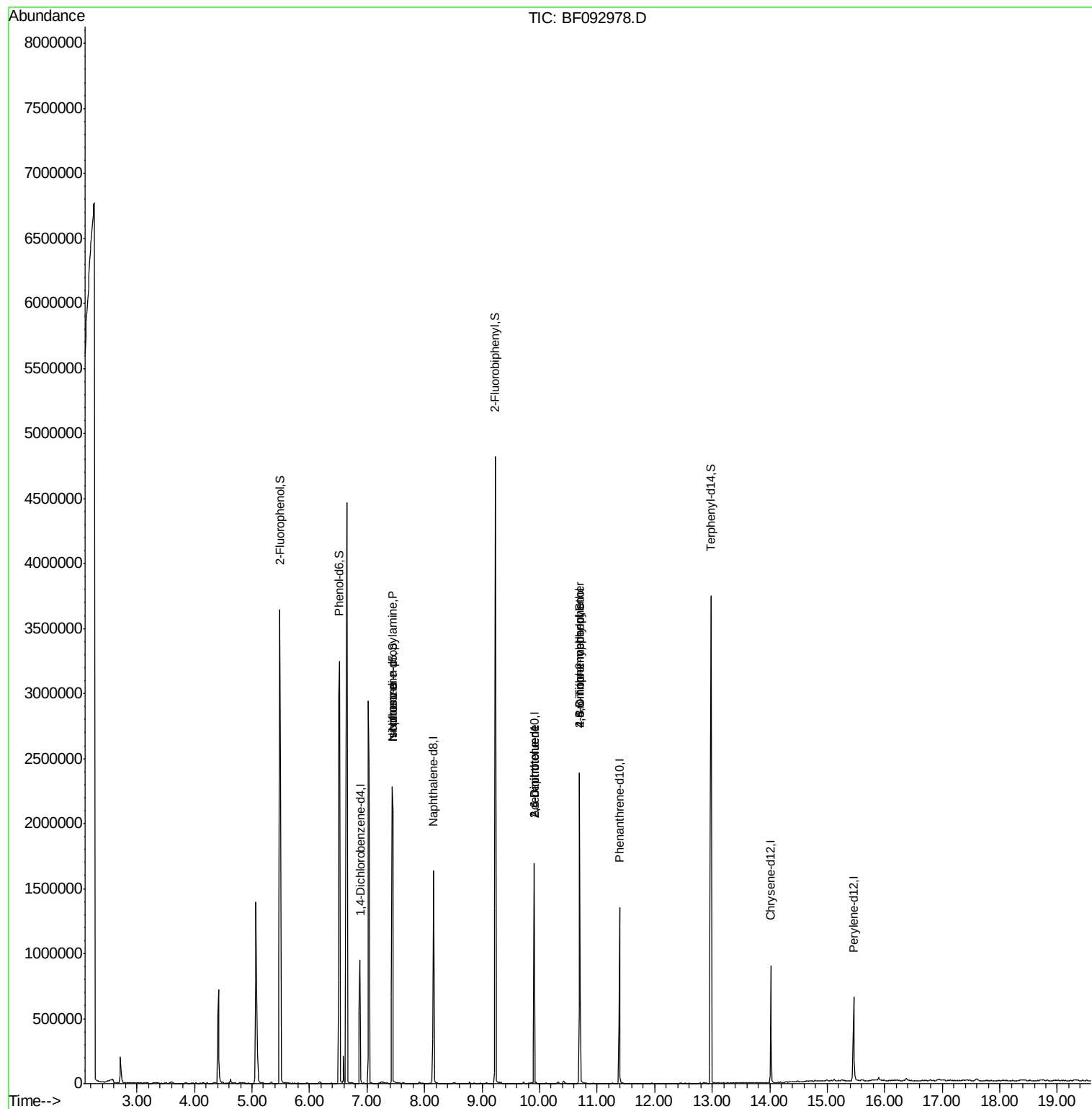
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175325	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	703946	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	342435	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	511748	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	326442	20.00	ng	-0.03
86) Perylene-d12	15.46	264	296443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1391018	136.12	ng	0.00
7) Phenol-d6	6.52	99	1753235	133.34	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1192095	94.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	311808	125.90	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1673637	88.54	ng	-0.01
78) Terphenyl-d14	12.98	244	1356991	97.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	152789	18.25	ng	# 81
25) Isophorone	7.44	82	1032578	43.84	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	43834	8.80	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	43836	6.61	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	605	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	21301	3.98	ng	# 1

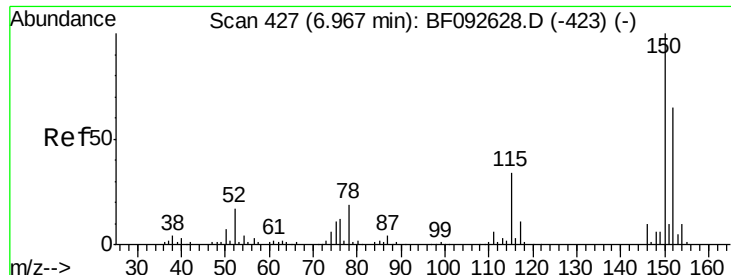
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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38-WCS021017-0-15

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15

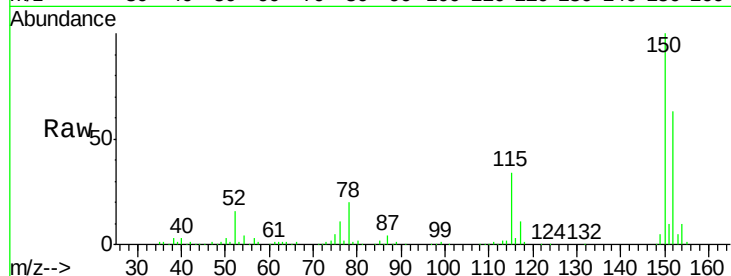
Tgt Ion:152 Resp: 175325

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

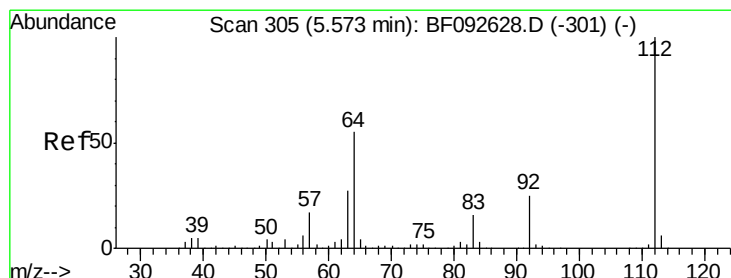
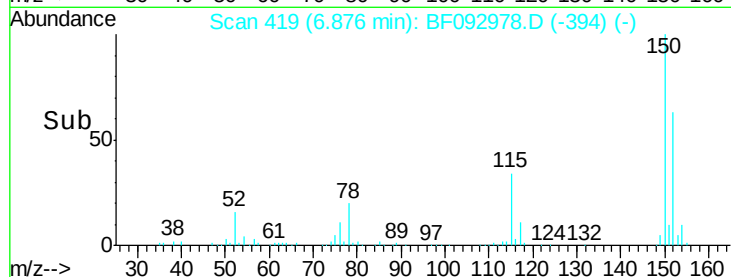
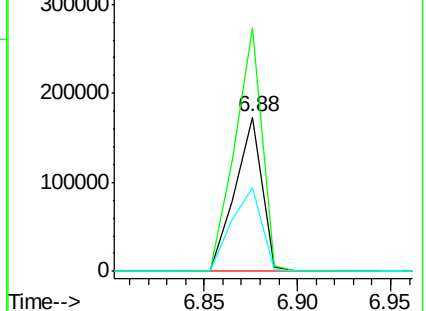
115 54.1 46.0 69.0



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: 136.12 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

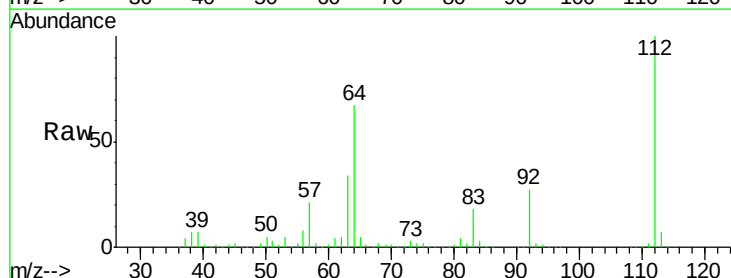
Tgt Ion:112 Resp: 1391018

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

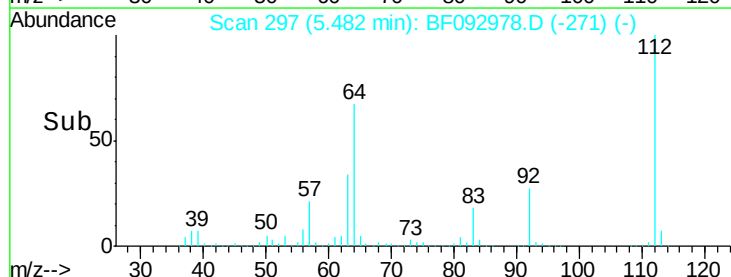
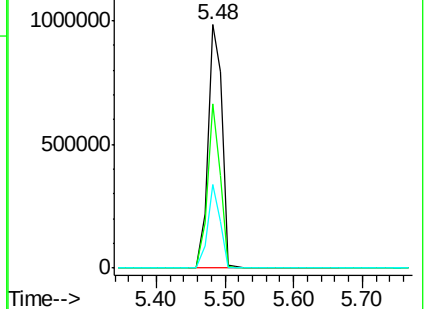
63 34.1 23.8 35.6

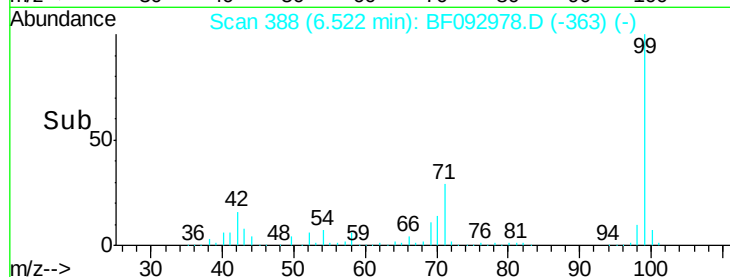
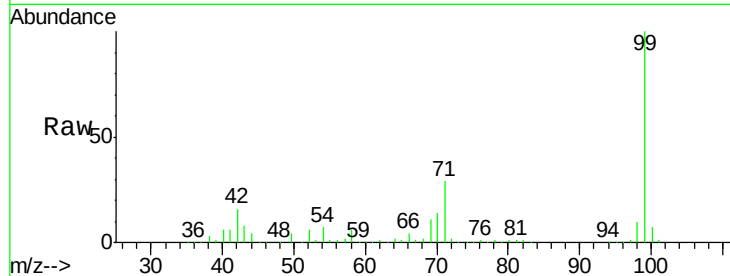
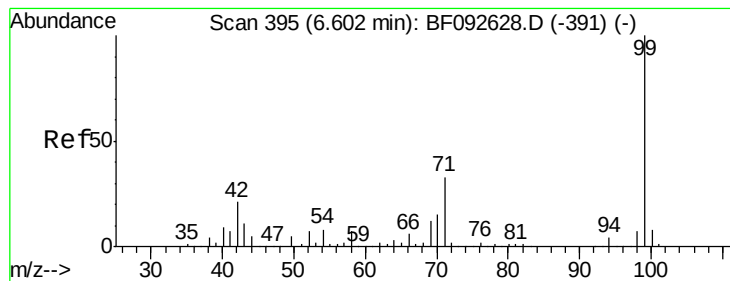


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.34 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15

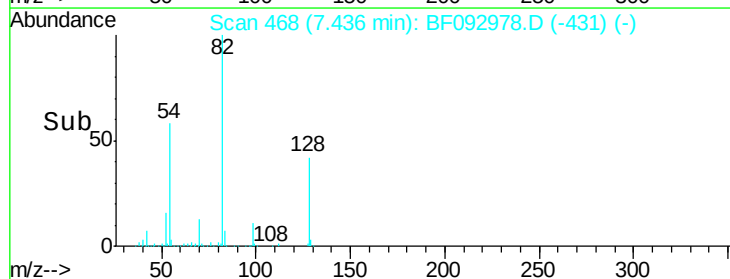
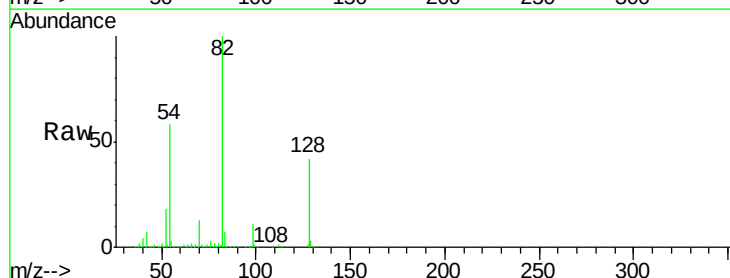
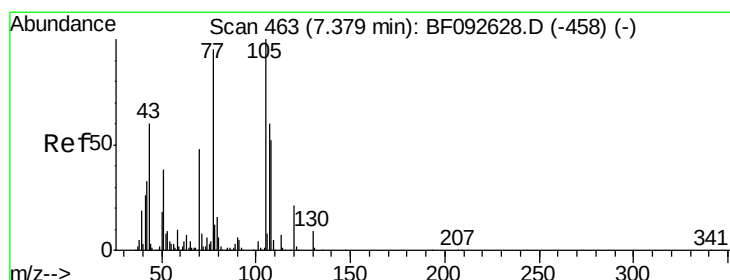
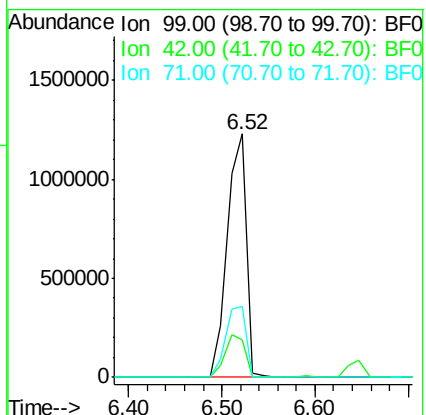
Tgt Ion: 99 Resp: 1753235

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

71 29.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.25 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Tgt Ion: 70 Resp: 152789

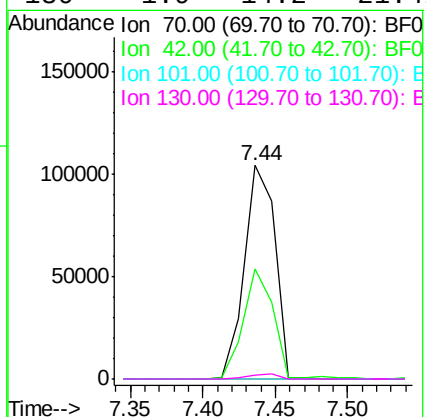
Ion Ratio Lower Upper

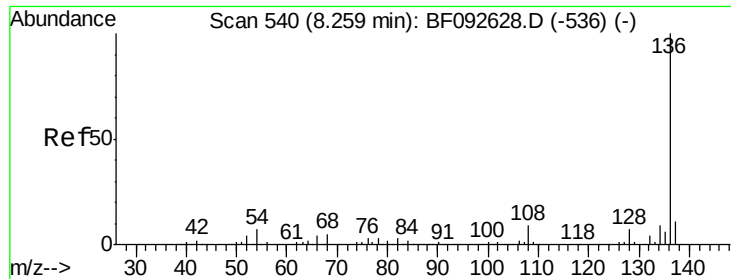
70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

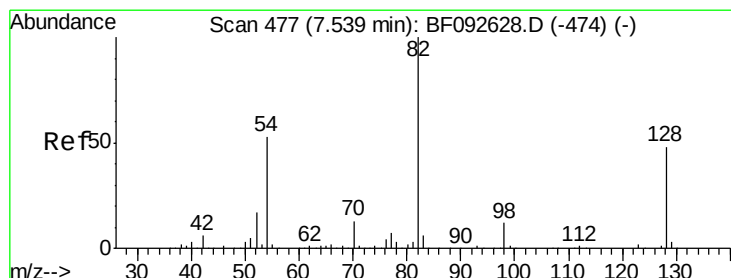
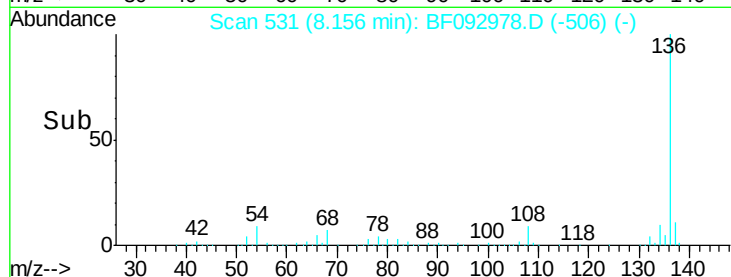
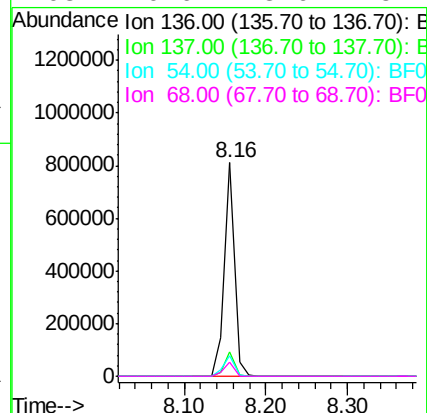
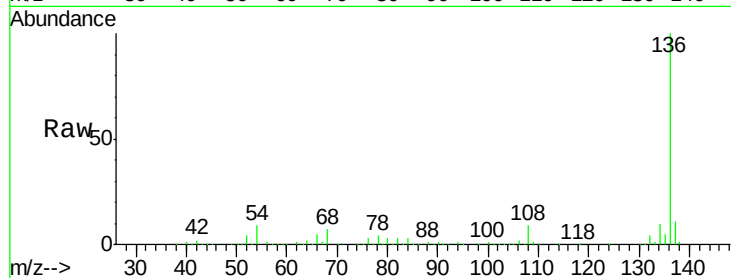




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

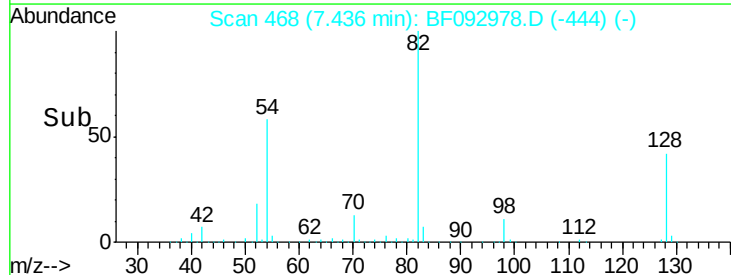
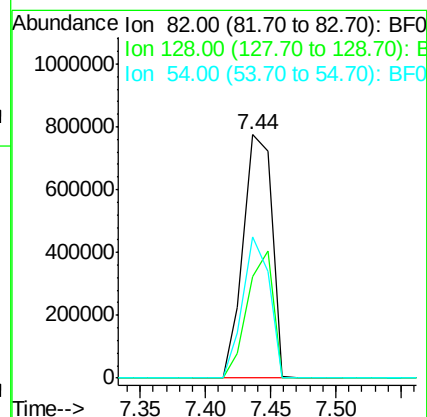
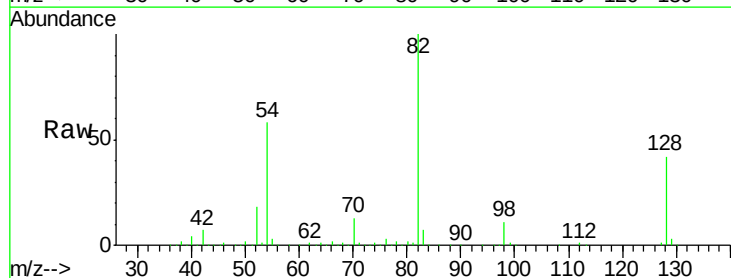
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

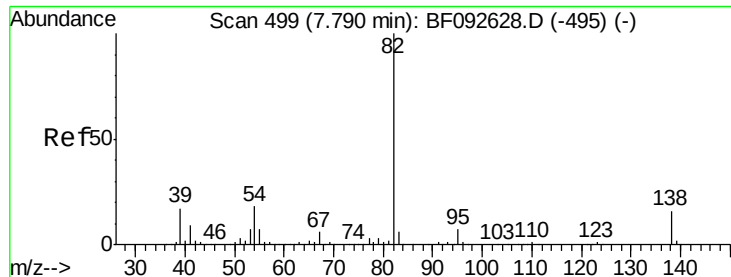
Tgt Ion:	136	Resp:	703946
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.5	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 94.30 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:	82	Resp:	1192095
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.6	52.0
54	58.2	39.5	59.3





#25

Isophorone

Concen: 43.84 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15

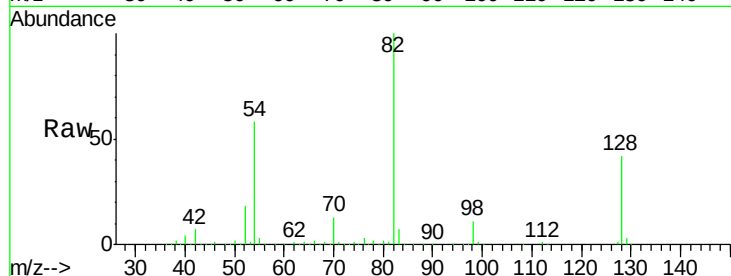
Tgt Ion: 82 Resp: 1032578

Ion Ratio Lower Upper

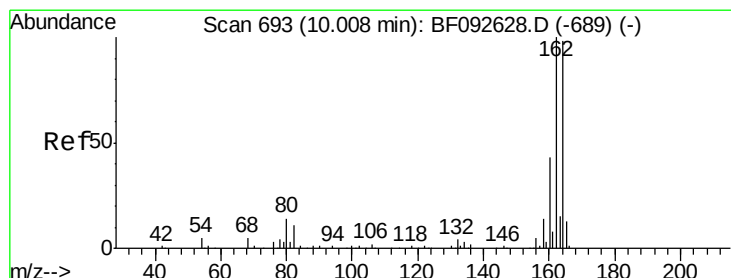
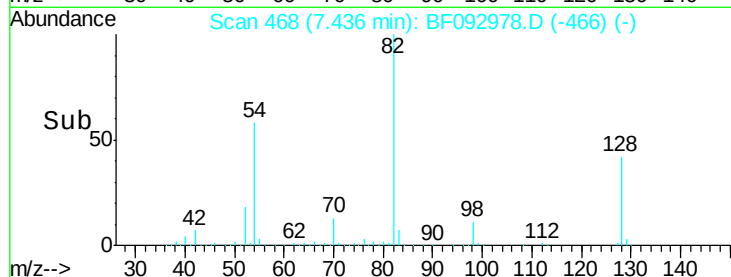
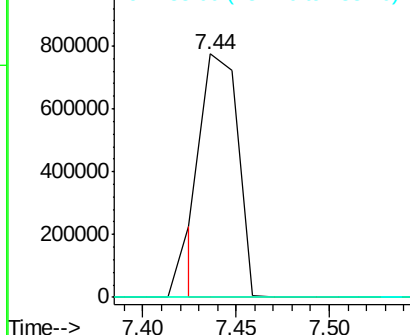
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

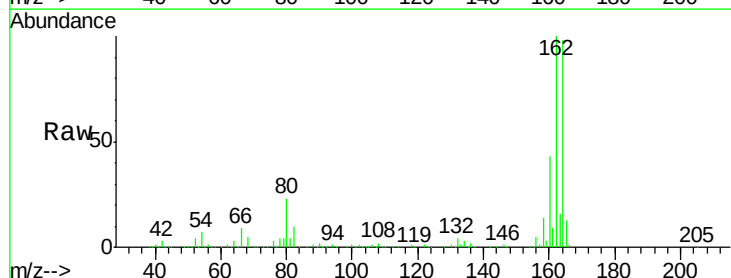
Tgt Ion: 164 Resp: 342435

Ion Ratio Lower Upper

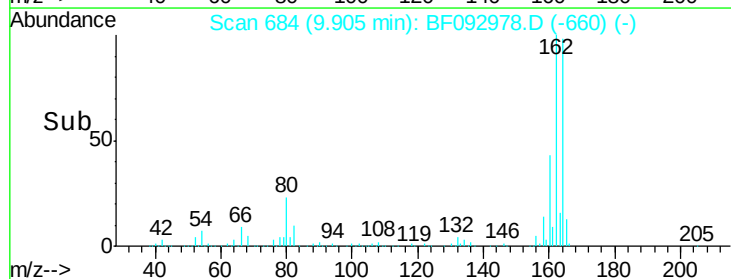
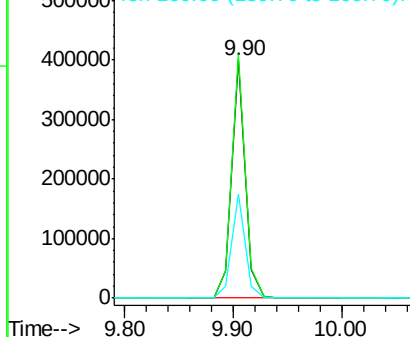
164 100

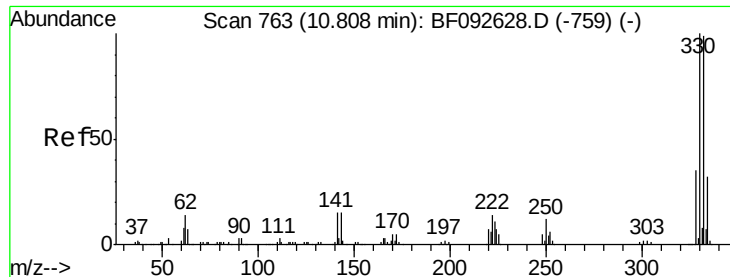
162 102.3 80.2 120.2

160 43.5 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

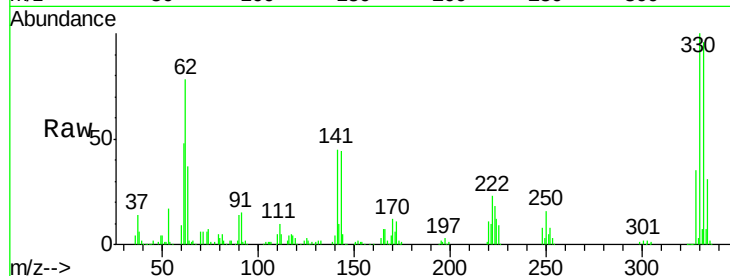




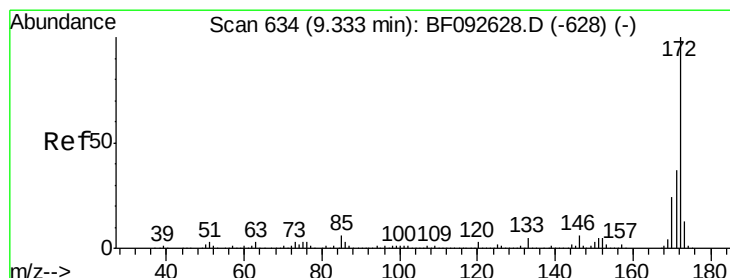
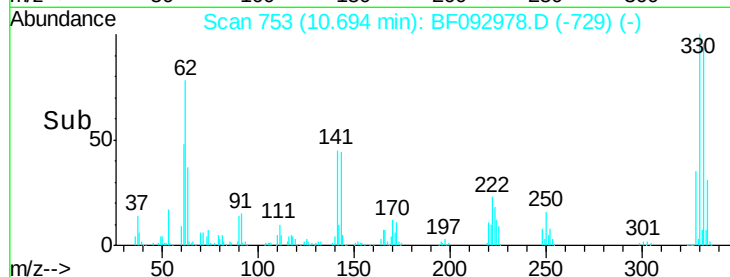
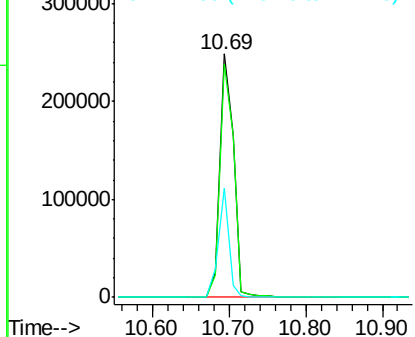
#41
 2,4,6-Tribromophenol
 Concen: 125.90 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15

Tgt Ion:330 Resp: 311808
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.7 34.1 51.1

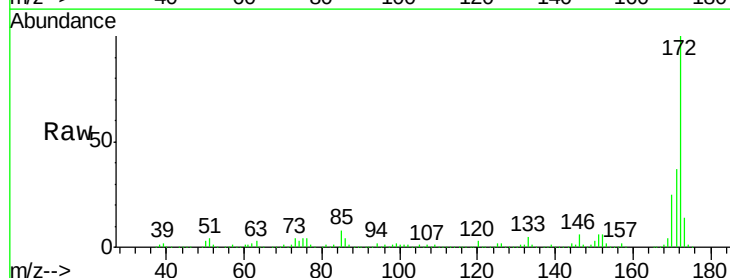


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

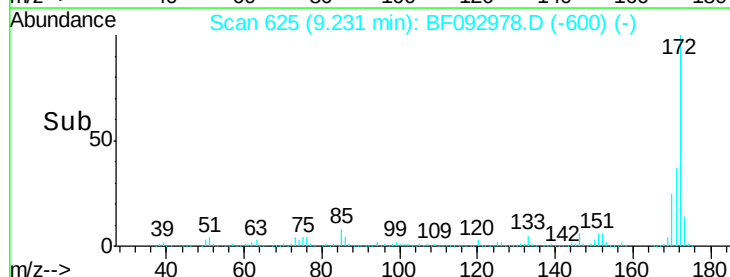
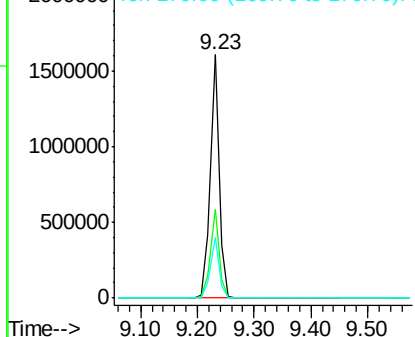


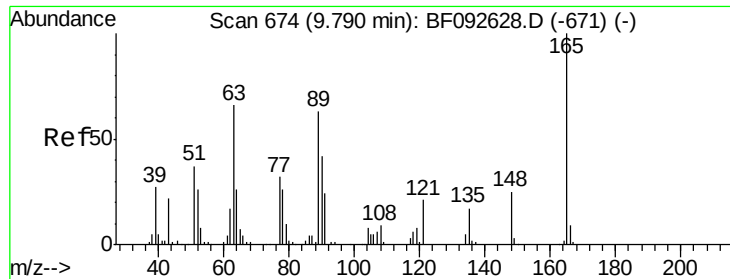
#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

Tgt Ion:172 Resp: 1673637
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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

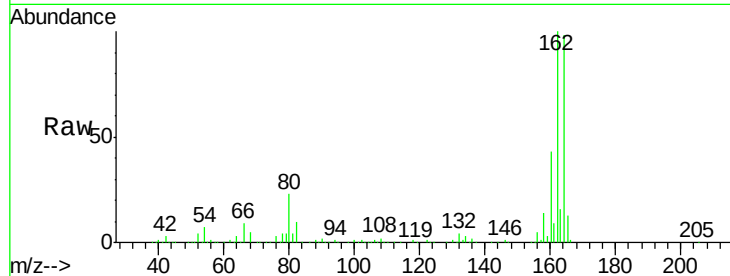




#50
 2,6-Dinitrotoluene
 Concen: 8.80 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15

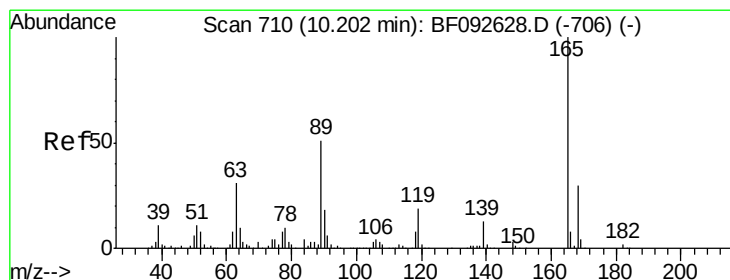
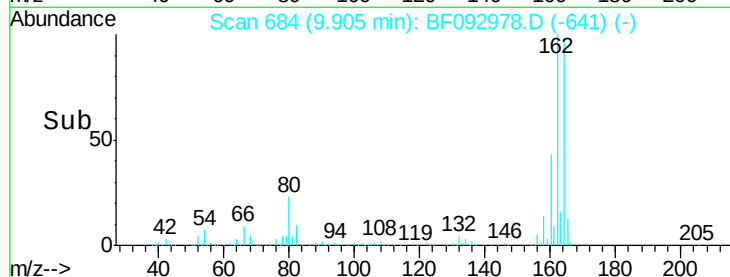
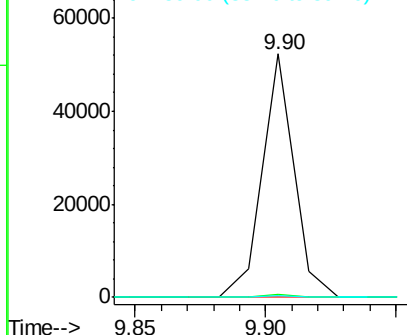
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	0.9	40.2	60.4#



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: 6.61 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

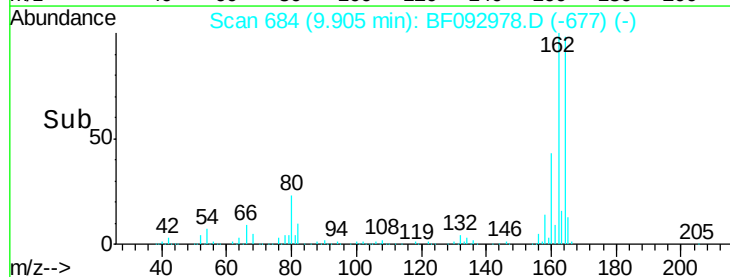
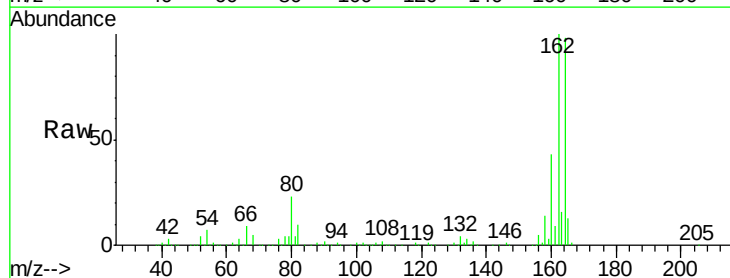
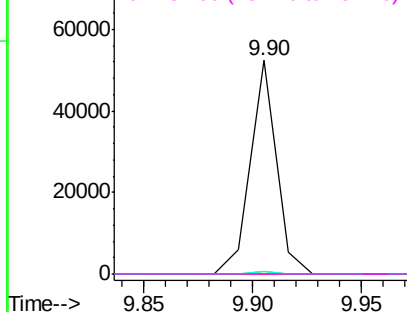
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

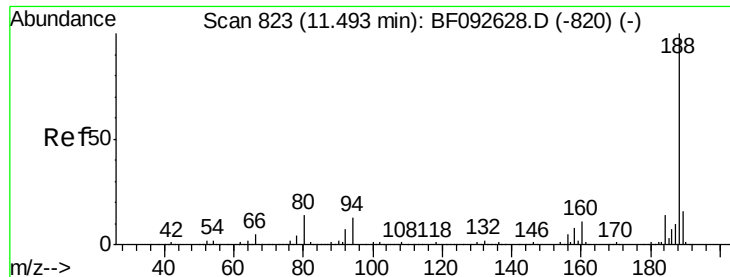
Abundance Ion 165.00 (164.70 to 165.70): E

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

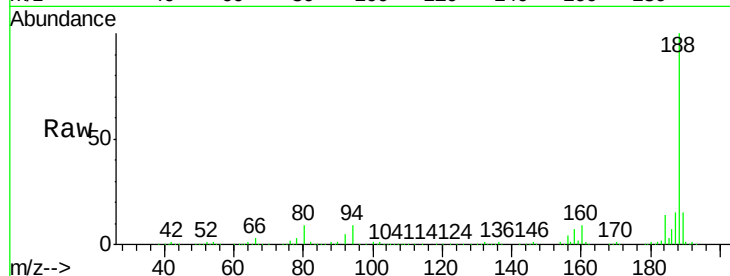




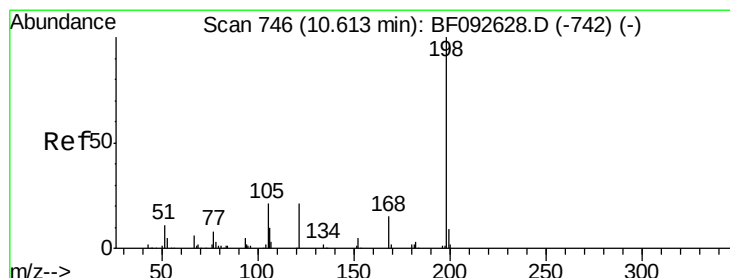
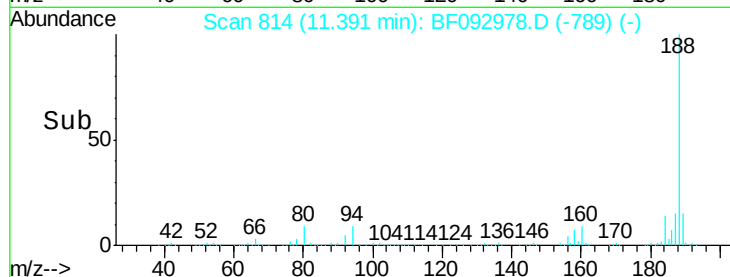
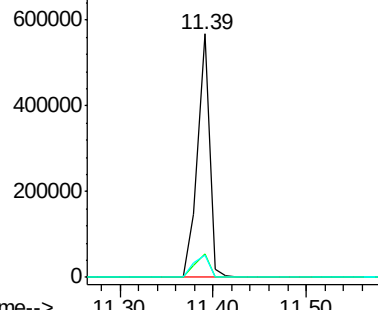
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15

Tgt Ion:188 Resp: 511748
 Ion Ratio Lower Upper
 188 100
 94 9.4 10.0 15.0#
 80 9.2 11.2 16.8#

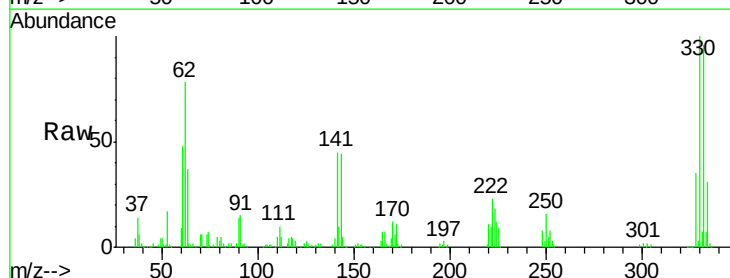


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

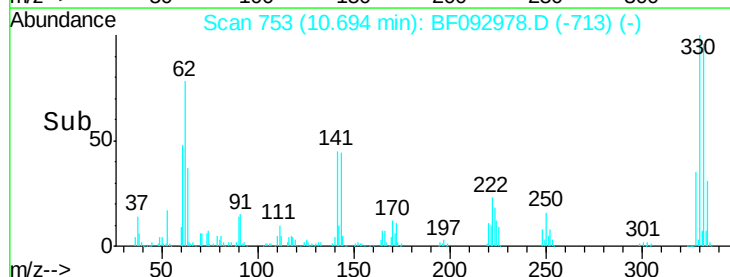
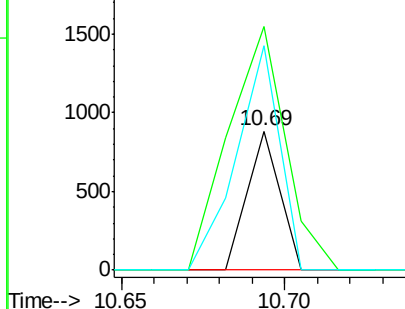


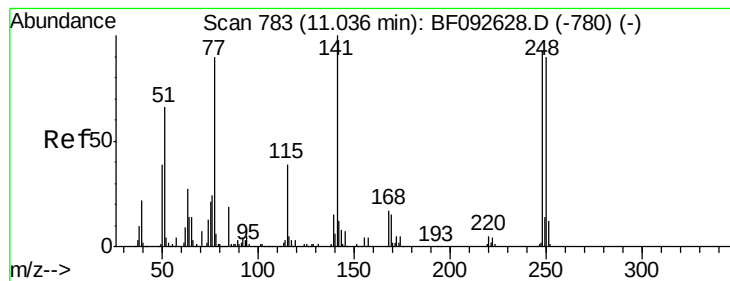
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.85 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF092978.D
 Acq: 16 Feb 2017 6:00

Tgt Ion:198 Resp: 605
 Ion Ratio Lower Upper
 198 100
 51 175.5 6.7 46.7#
 105 162.1 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





#66

4-Bromophenyl-phenylether

Concen: 3.98 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15

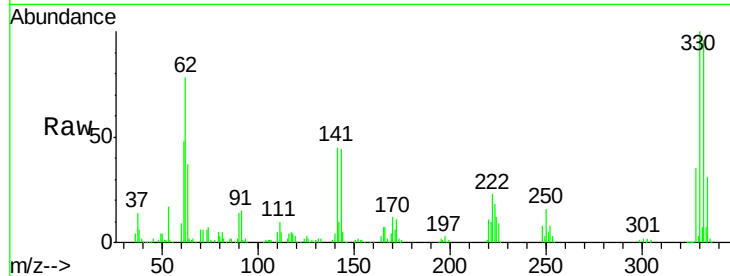
Tgt Ion:248 Resp: 21301

Ion Ratio Lower Upper

248 100

250 193.6 76.9 115.3#

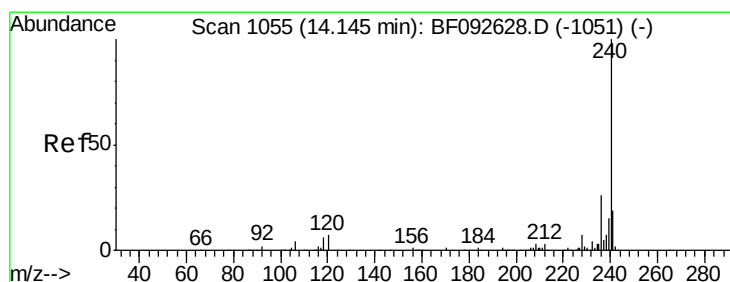
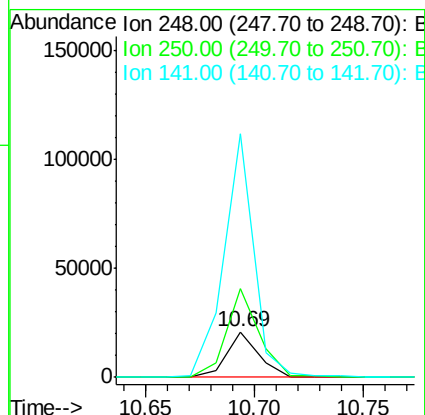
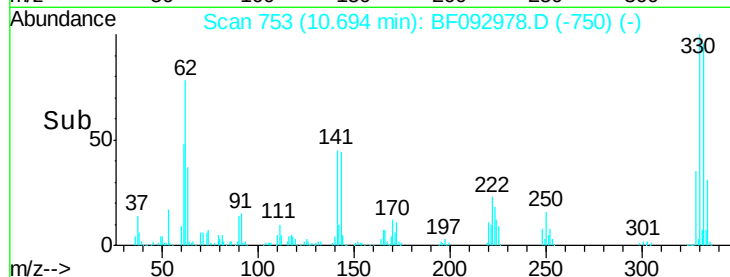
141 532.9 68.2 102.4#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

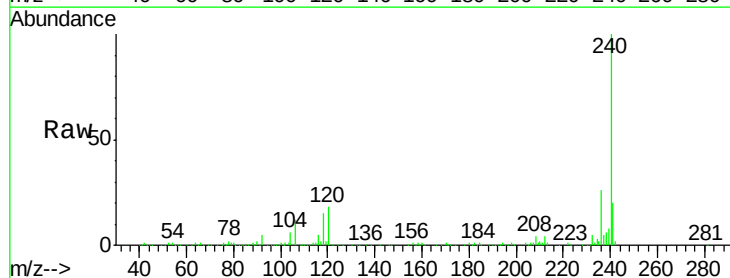
Tgt Ion:240 Resp: 326442

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

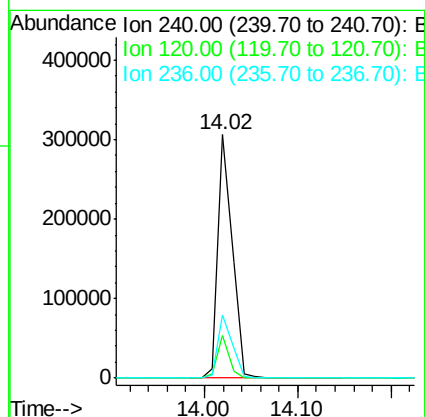
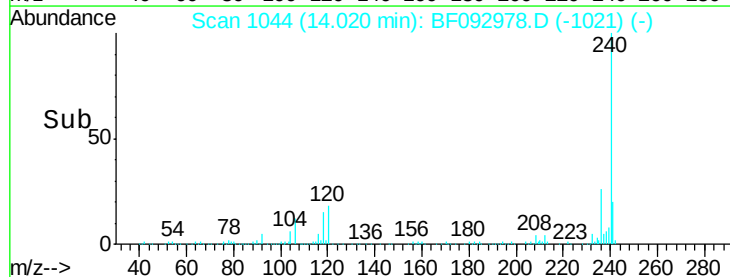
236 26.1 20.9 31.3

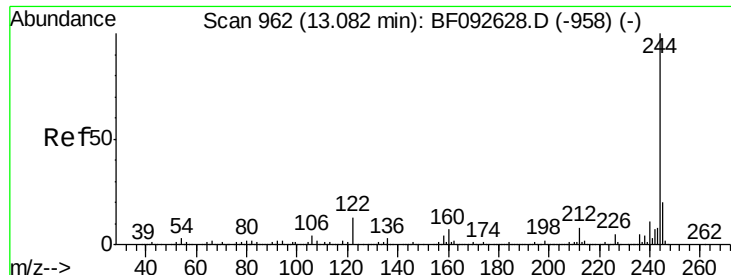


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.67 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15

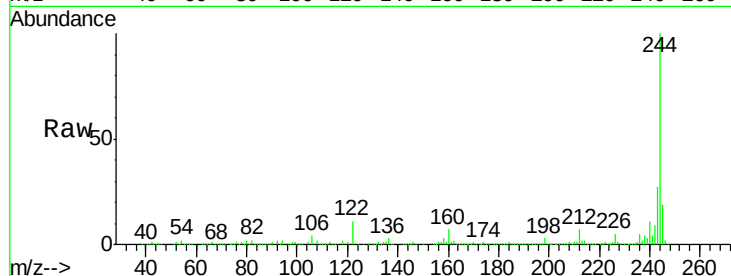
Tgt Ion:244 Resp: 1356991

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

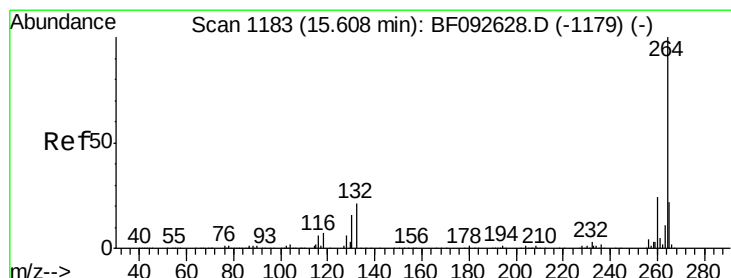
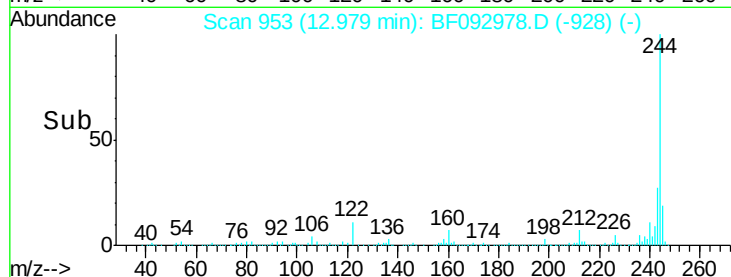
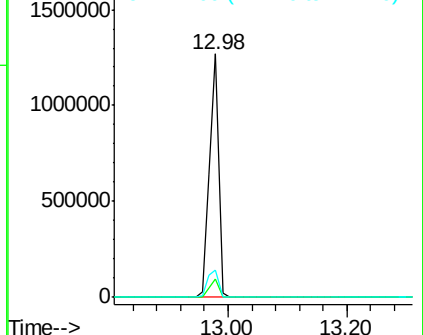
122 11.1 11.4 17.2#



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: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092978.D

Acq: 16 Feb 2017 6:00

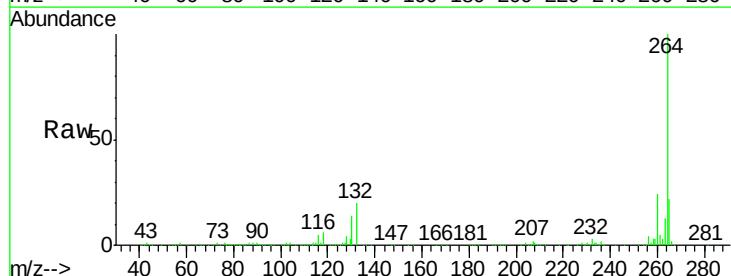
Tgt Ion:264 Resp: 296443

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

