

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079714.D
 Acq On : 4 Jun 2015 21:01
 Operator : TP/IZ
 Sample : G2491-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-0278-150601

Quant Time: Jun 06 01:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

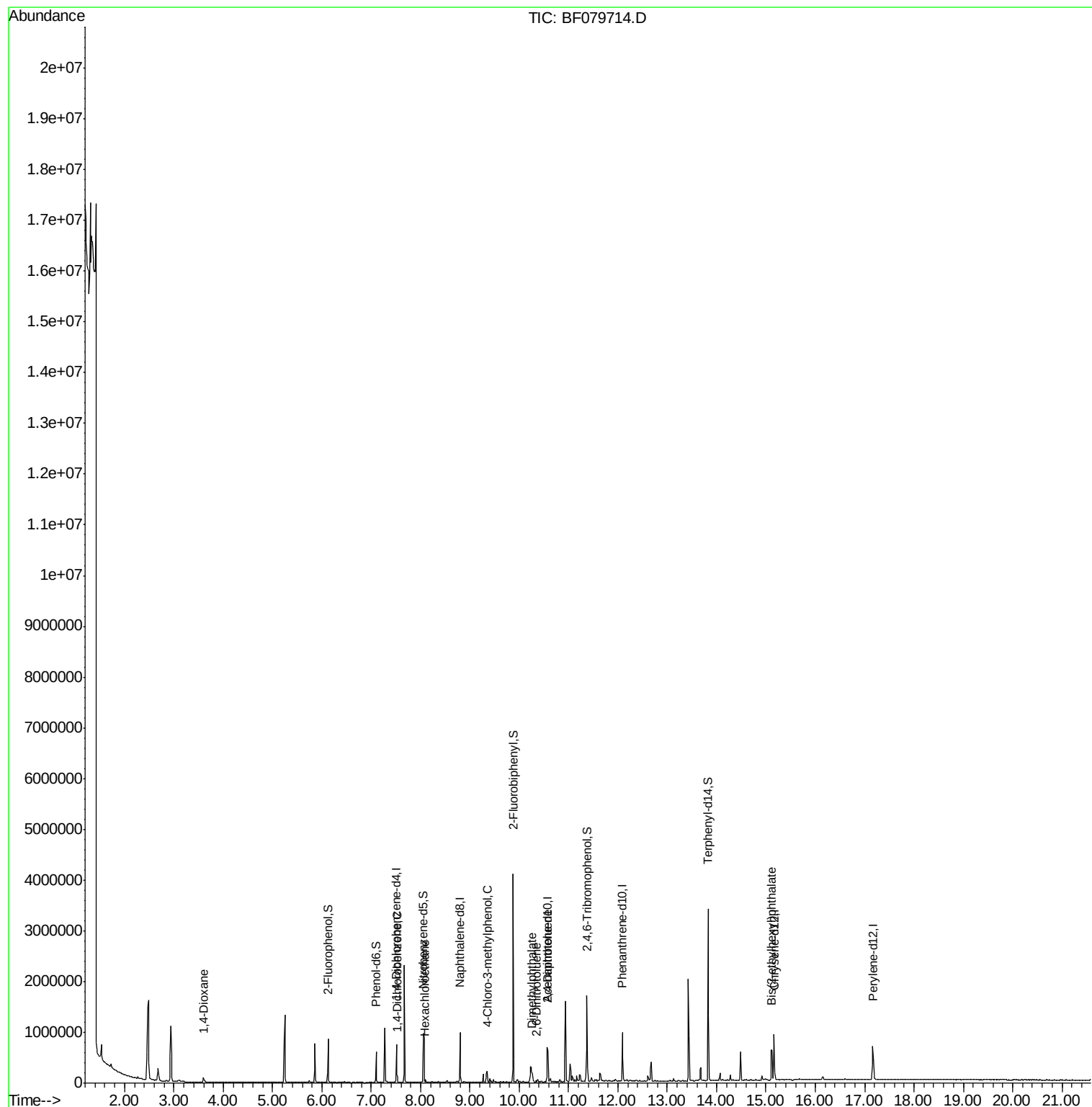
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	102616	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	384648	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	193038	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	397561	20.00	ng	-0.01
75) Chrysene-d12	15.17	240	419567	20.00	ng	0.00
86) Perylene-d12	17.17	264	395450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	214530	35.85	ng	0.00
7) Phenol-d6	7.10	99	178901	22.96	ng	0.00
23) Nitrobenzene-d5	8.06	82	442344	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	168935	97.45	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1040513	78.04	ng	0.00
78) Terphenyl-d14	13.83	244	1212674	68.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	47223	17.47	ng	93
13) 1,4-Dichlorobenzene	7.53	146	33439	4.01	ng	97
18) Hexachloroethane	8.08	117	6608	2.52	ng	# 29
36) 4-Chloro-3-methylphenol	9.35	107	35419	6.23	ng	# 13
49) Dimethylphthalate	10.26	163	37599	2.53	ng	# 98
50) 2,6-Dinitrotoluene	10.34	165	209	3.12	ng	# 32
56) 2,4-Dinitrotoluene	10.57	165	24354	7.73	ng	# 35
83) Bis(2-ethylhexyl)phthalate	15.12	149	261319	16.57	ng	# 98

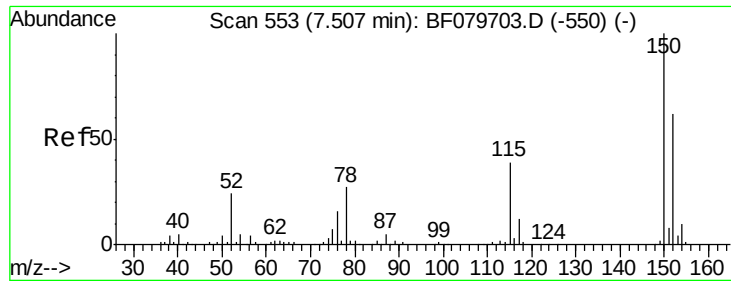
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
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ALS Vial : 16 Sample Multiplier: 1

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QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

DUP-0278-150601

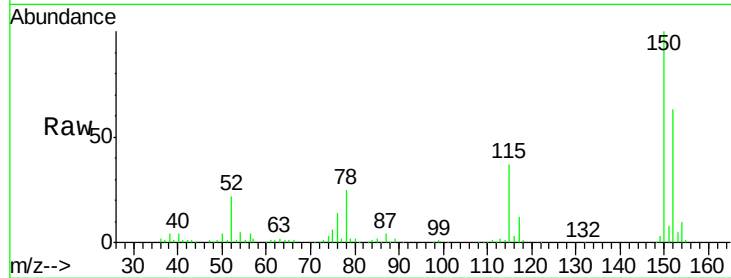
Tgt Ion:152 Resp: 102616

Ion Ratio Lower Upper

152 100

150 158.1 128.1 192.1

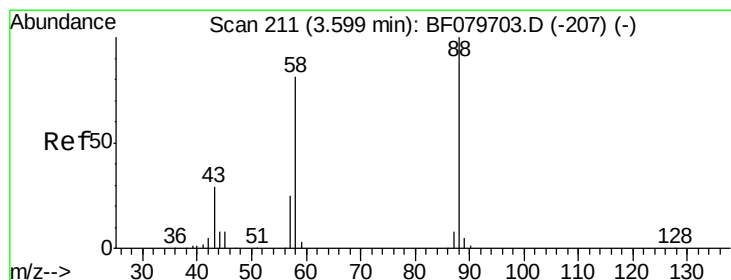
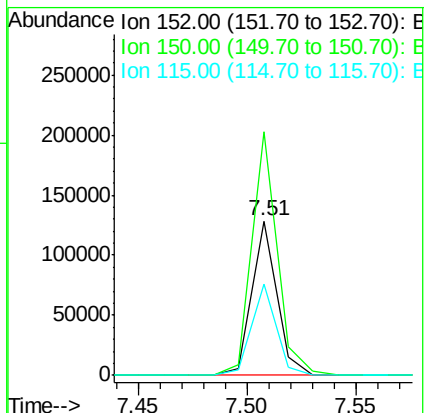
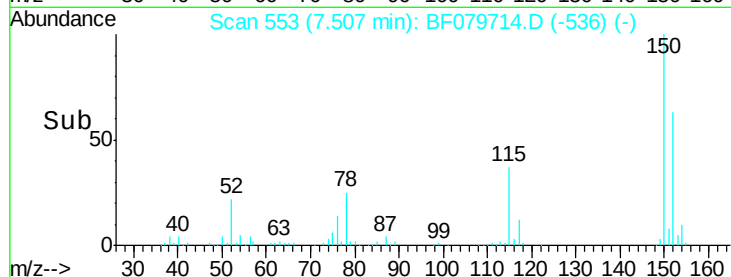
115 59.1 49.7 74.5



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



#2

1,4-Dioxane

Concen: 17.47 ng

RT: 3.60 min Scan# 211

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

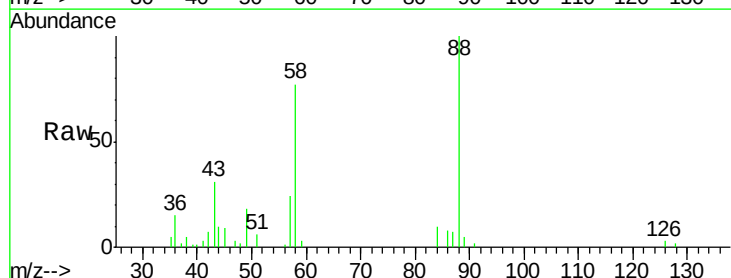
Tgt Ion: 88 Resp: 47223

Ion Ratio Lower Upper

88 100

58 72.9 64.2 96.4

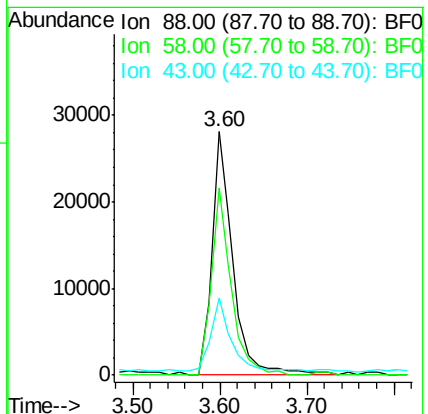
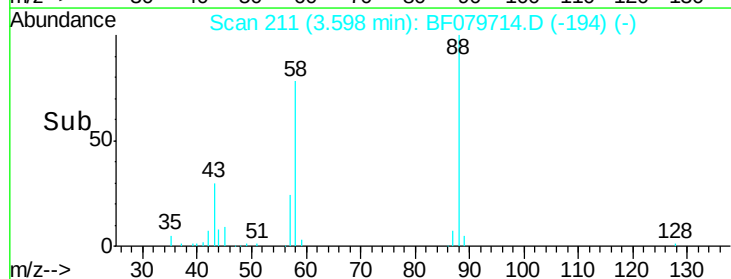
43 29.4 25.1 37.7

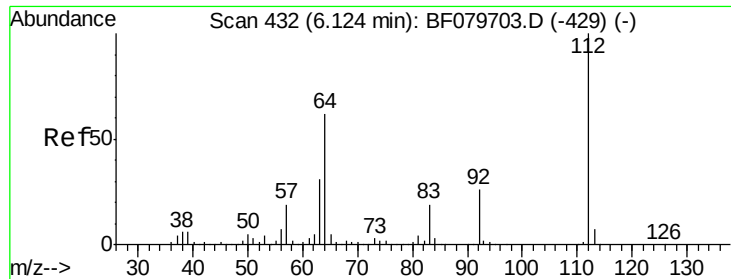


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 35.85 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

DUP-0278-150601

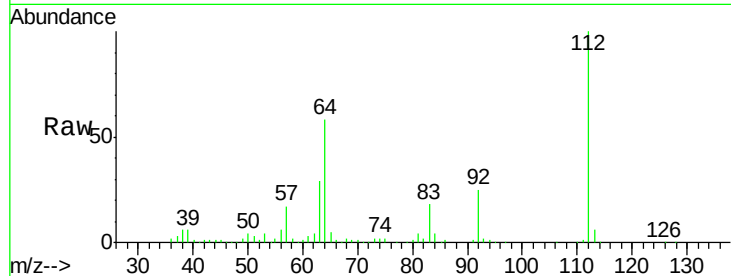
Tgt Ion: 112 Resp: 214530

Ion Ratio Lower Upper

112 100

64 58.0 49.6 74.4

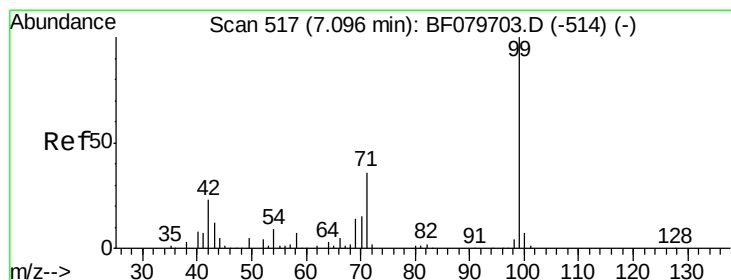
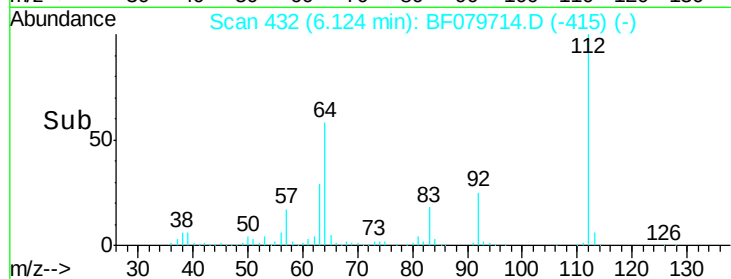
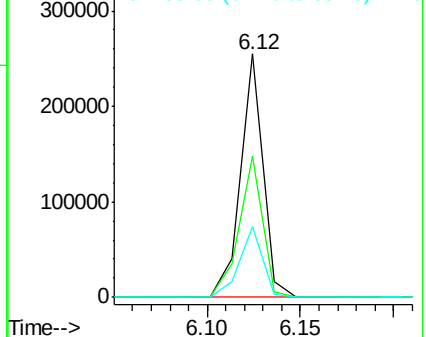
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 22.96 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

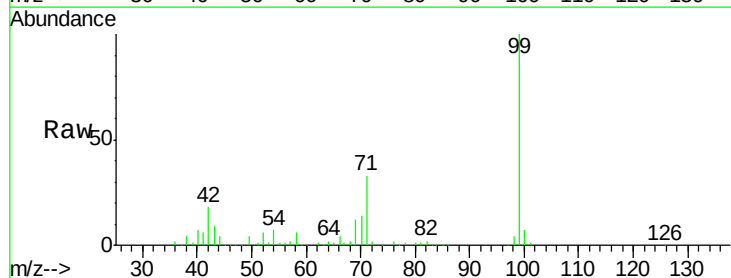
Tgt Ion: 99 Resp: 178901

Ion Ratio Lower Upper

99 100

42 18.3 18.0 27.0

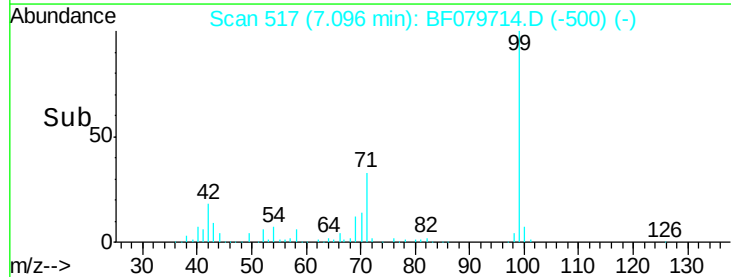
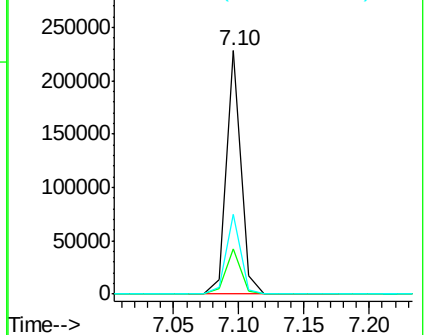
71 32.7 28.4 42.6

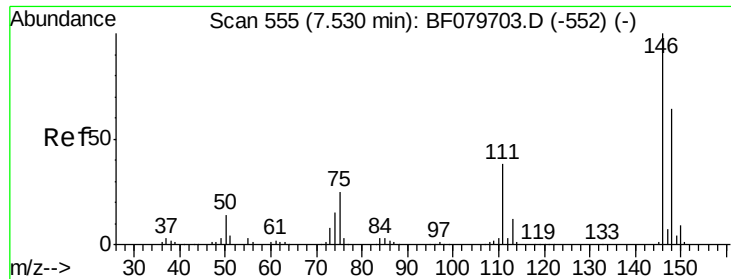


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

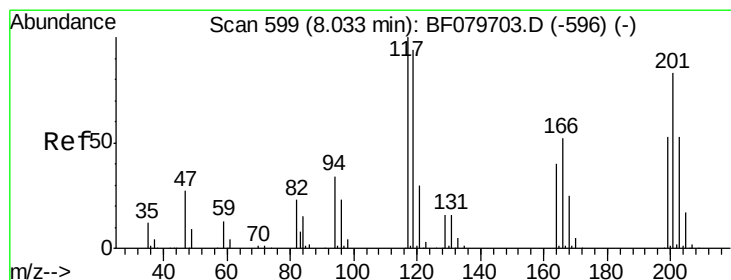
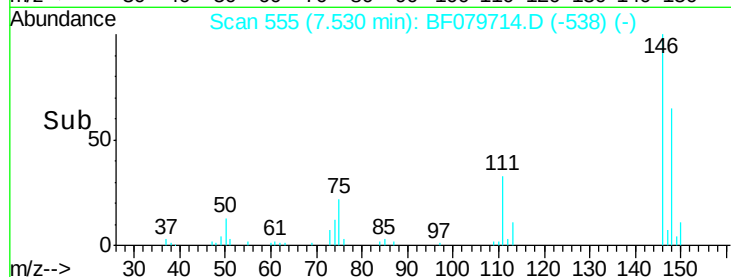
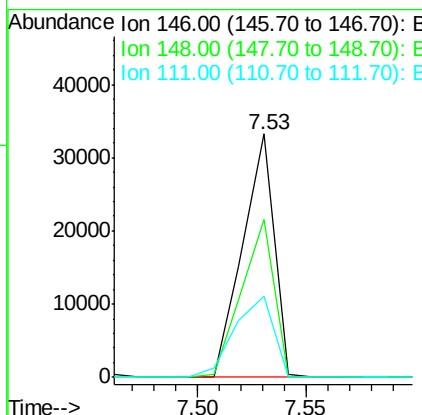
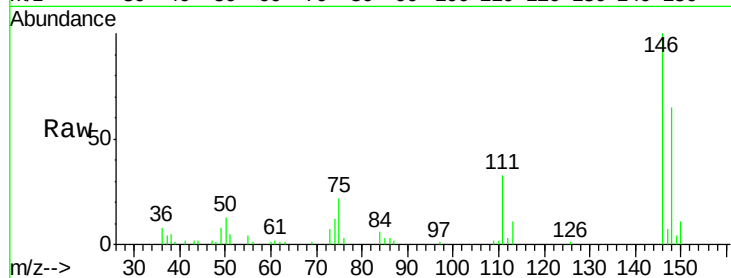




#13
 1,4-Dichlorobenzene
 Concen: 4.01 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

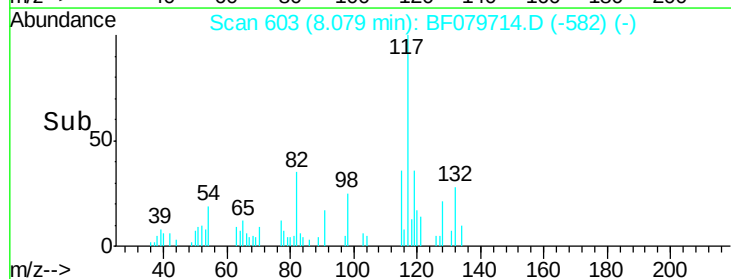
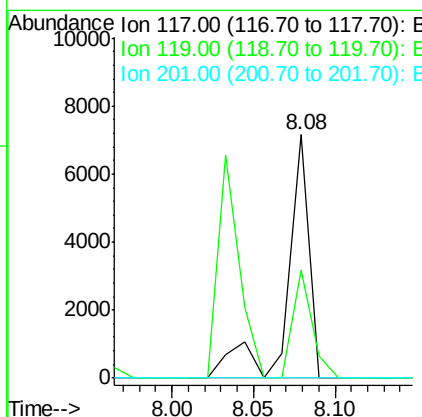
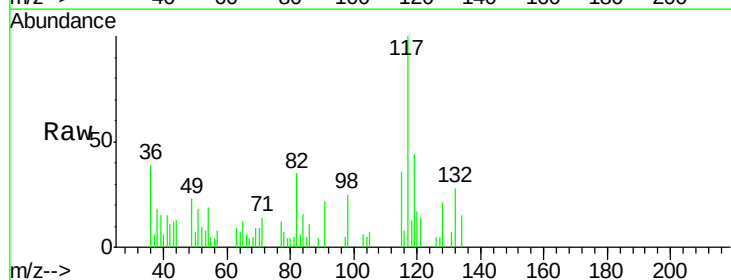
Instrument :
 BNA_F
 ClientSampleId :
 DUP-0278-150601

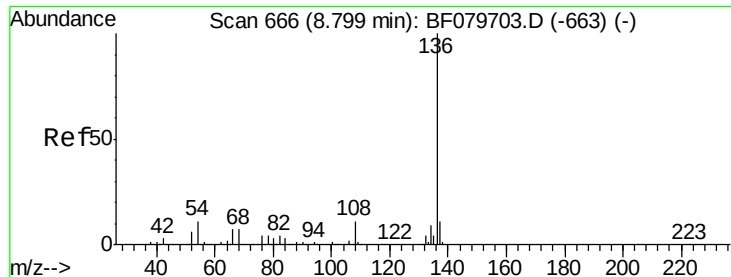
Tgt Ion:146 Resp: 33439
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 33.3 30.1 45.1



#18
 Hexachloroethane
 Concen: 2.52 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.05 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

Tgt Ion:117 Resp: 6608
 Ion Ratio Lower Upper
 117 100
 119 44.3 75.5 113.3#
 201 0.0 66.4 99.6#

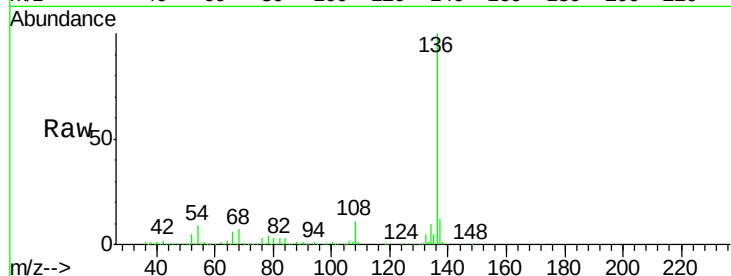




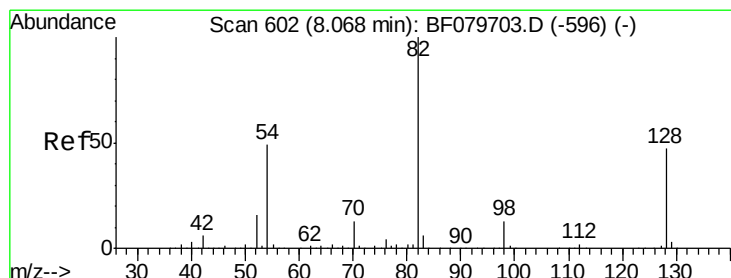
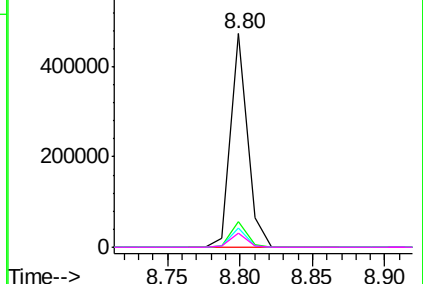
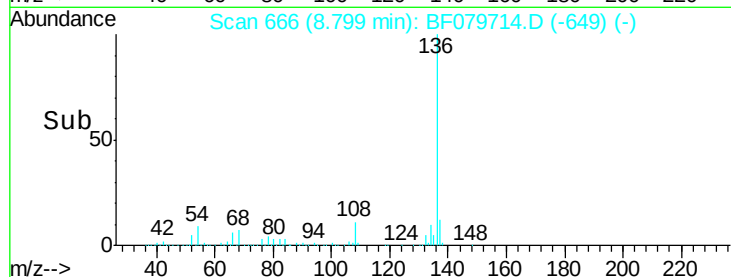
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF079714.D
Acq: 4 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
DUP-0278-150601

Tgt Ion:	136	Resp:	384648
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	9.1	8.7	13.1
68	6.7	5.8	8.8

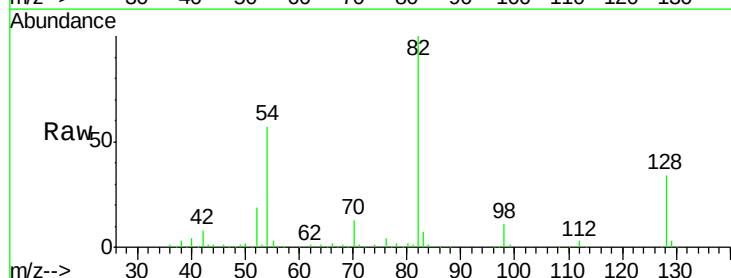


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

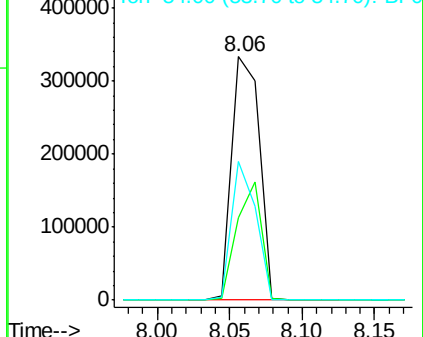
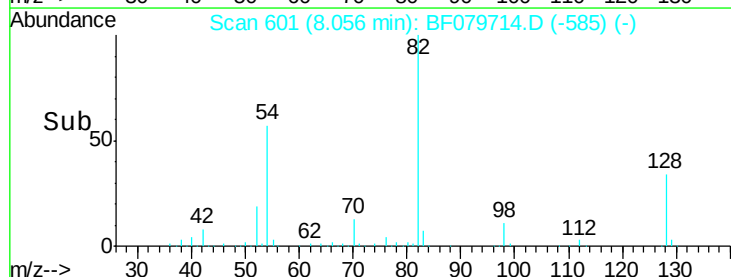


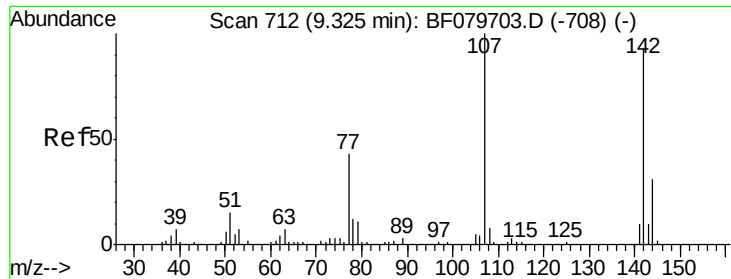
#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF079714.D
Acq: 4 Jun 2015 21:01

Tgt Ion:	82	Resp:	442344
Ion	Ratio	Lower	Upper
82	100		
128	33.8	37.6	56.4#
54	56.8	39.4	59.2



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

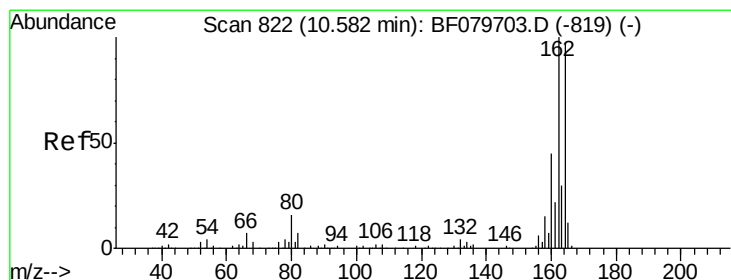
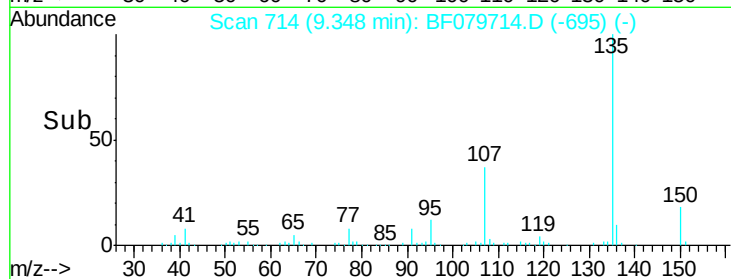
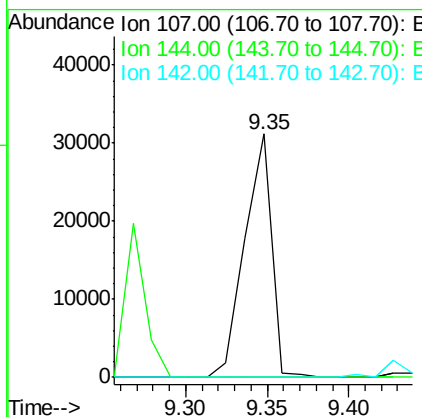
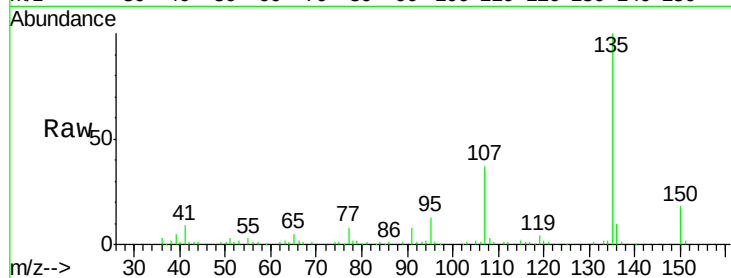




#36
 4-Chloro-3-methylphenol
 Concen: 6.23 ng
 RT: 9.35 min Scan# 714
 Delta R.T. 0.02 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

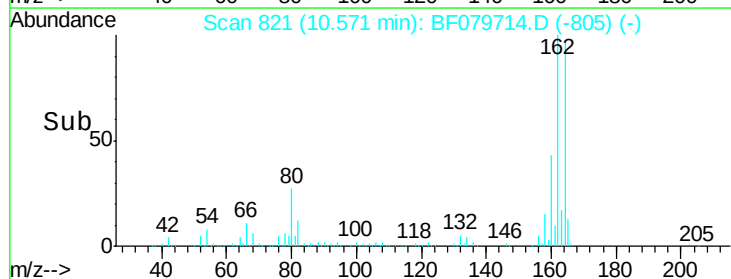
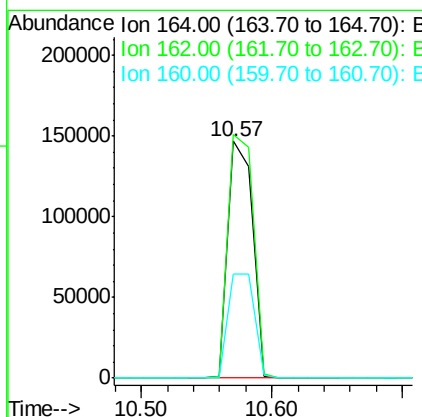
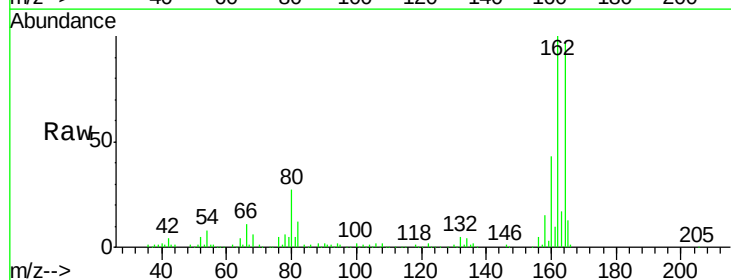
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 DUP-0278-150601

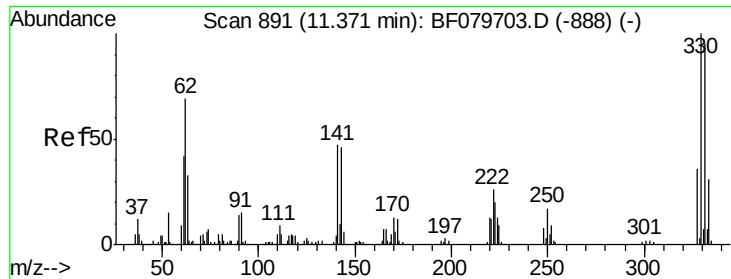
Tgt Ion:107 Resp: 35419
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.5 36.7#
 142 0.0 74.6 112.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

Tgt Ion:164 Resp: 193038
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.0 36.8 55.2

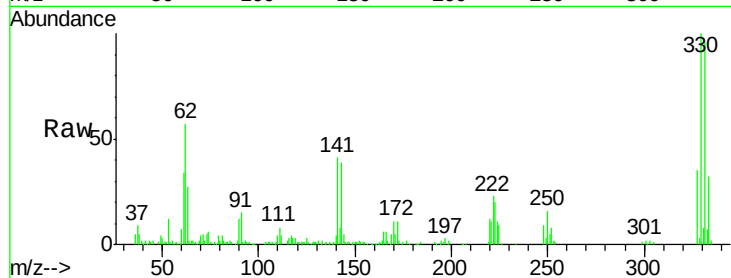




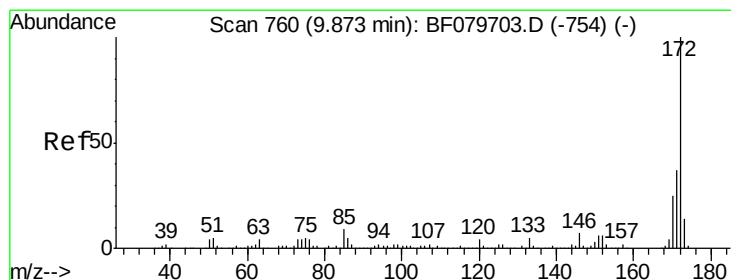
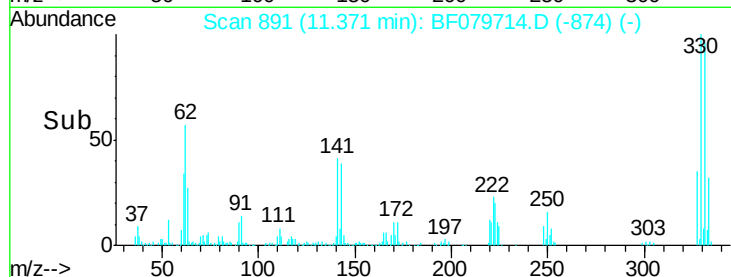
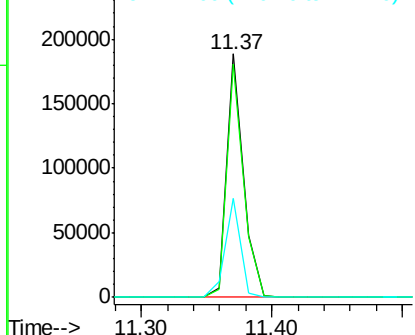
#41
 2,4,6-Tribromophenol
 Concen: 97.45 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 DUP-0278-150601

Tgt Ion:330 Resp: 168935
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 37.9 30.2 45.2

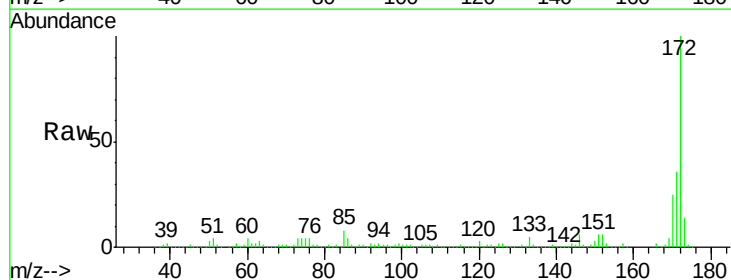


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

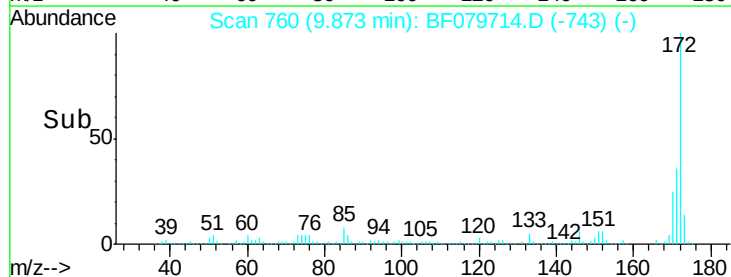
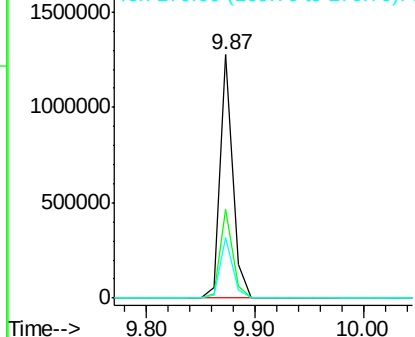


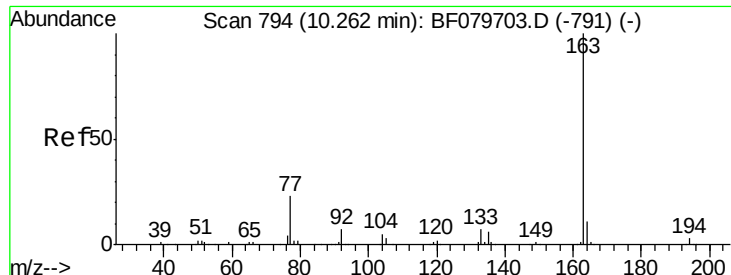
#44
 2-Fluorobiphenyl
 Concen: 78.04 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

Tgt Ion:172 Resp: 1040513
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 19.7 29.5



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: 2.53 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

DUP-0278-150601

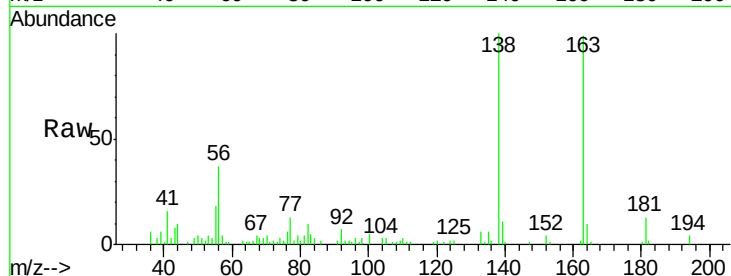
Tgt Ion:163 Resp: 37599

Ion Ratio Lower Upper

163 100

194 4.3 2.6 3.8#

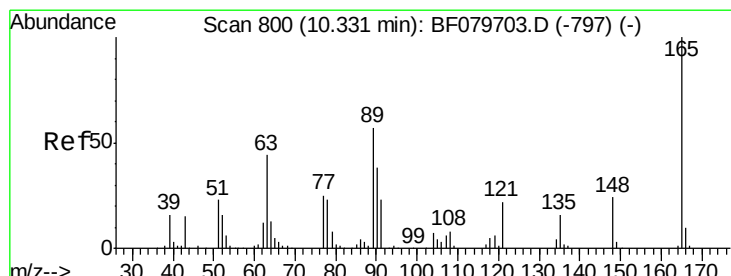
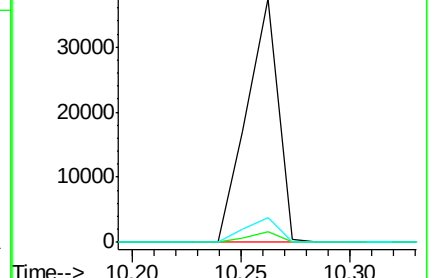
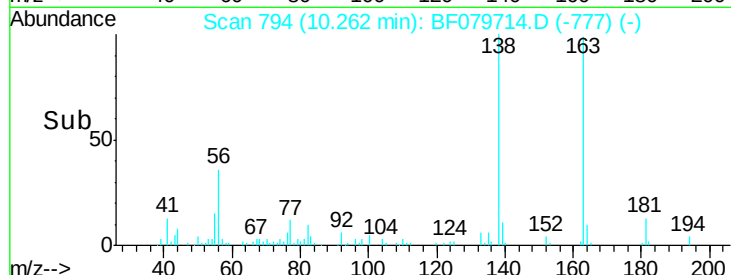
164 10.0 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 3.12 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

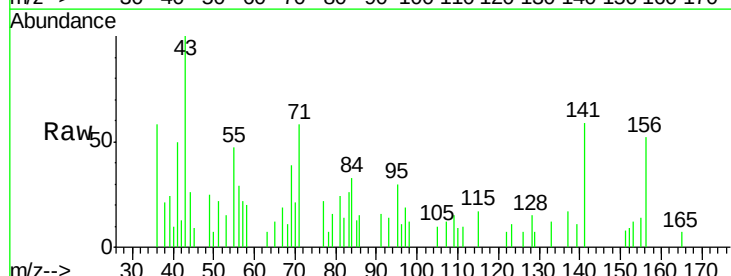
Tgt Ion:165 Resp: 209

Ion Ratio Lower Upper

165 100

63 99.7 45.2 67.8#

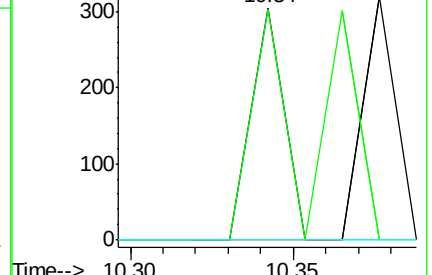
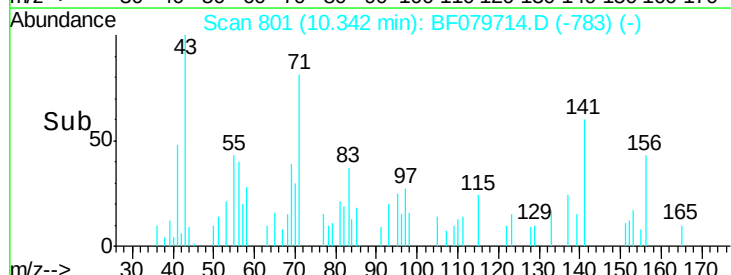
89 0.0 45.9 68.9#

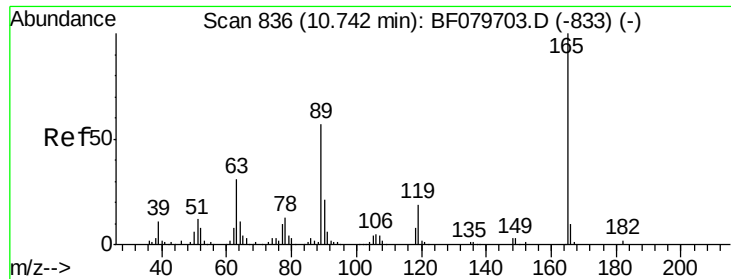


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

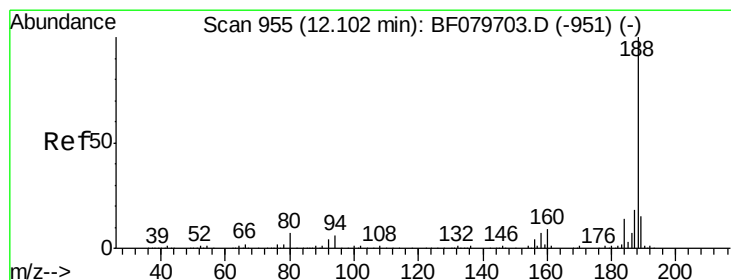
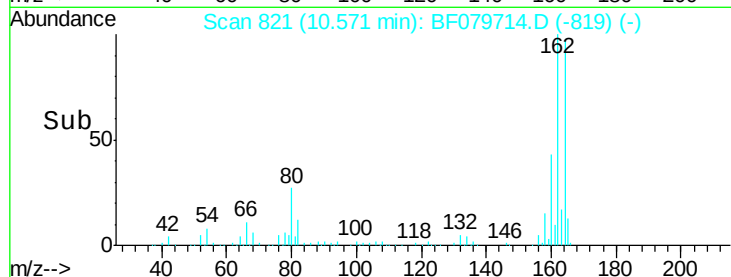
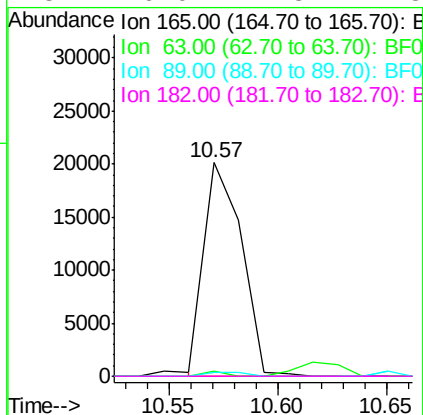
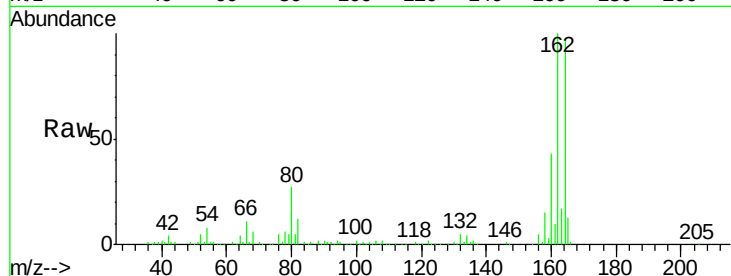




#56
 2,4-Dinitrotoluene
 Concen: 7.73 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.17 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

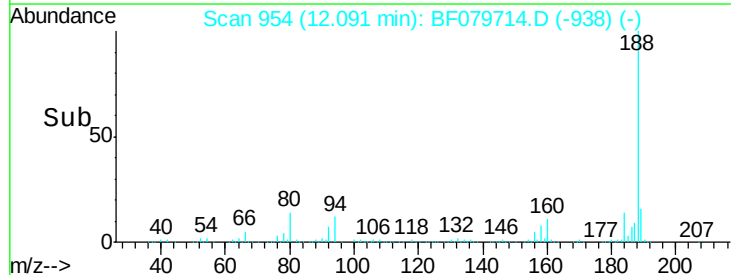
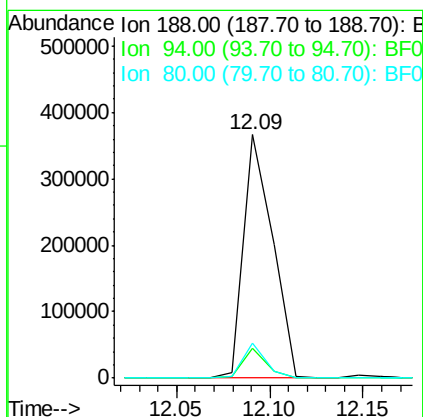
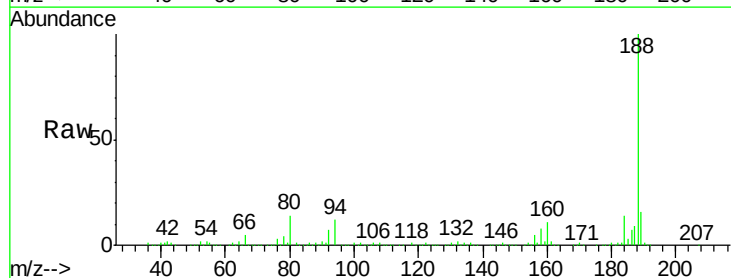
Instrument :
 BNA_F
 ClientSampleId :
 DUP-0278-150601

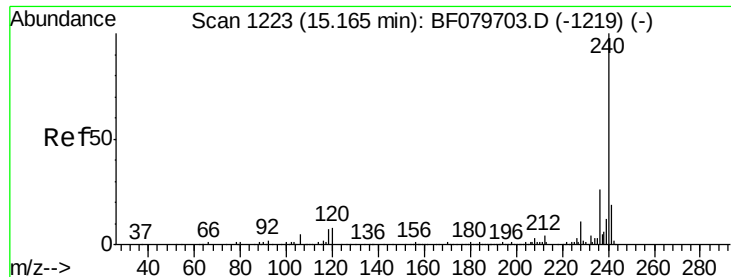
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	24.7	37.1#
89	1.9	45.7	68.5#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079714.D
 Acq: 4 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.0	7.4#
80	14.2	5.3	7.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

DUP-0278-150601

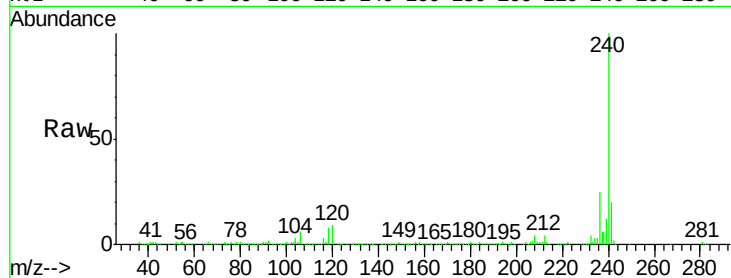
Tgt Ion:240 Resp: 419567

Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

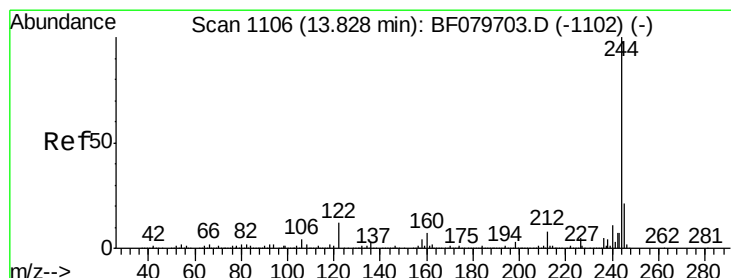
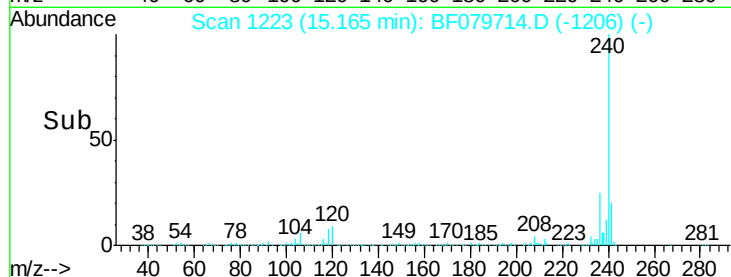
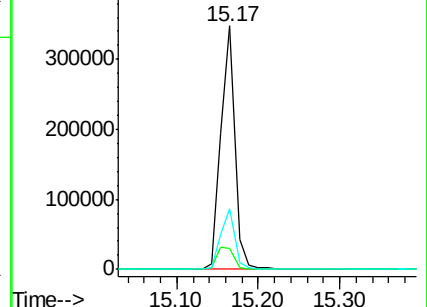
236 25.0 21.0 31.4



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: 68.09 ng

RT: 13.83 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

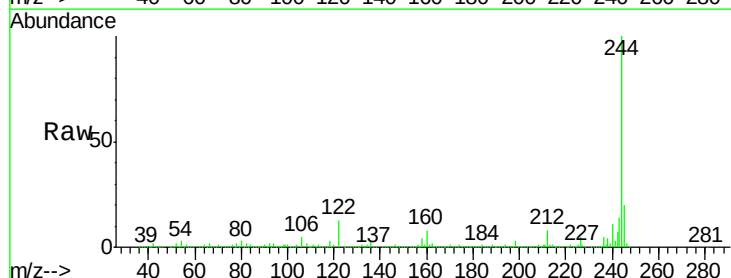
Tgt Ion:244 Resp: 1212674

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

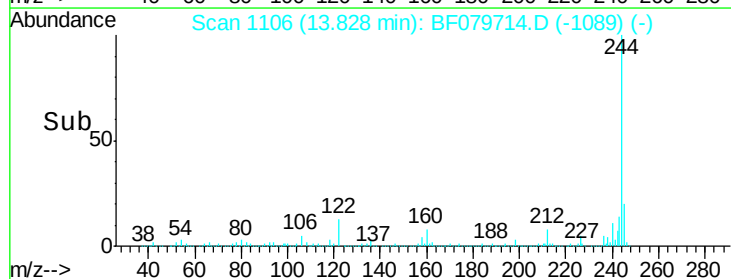
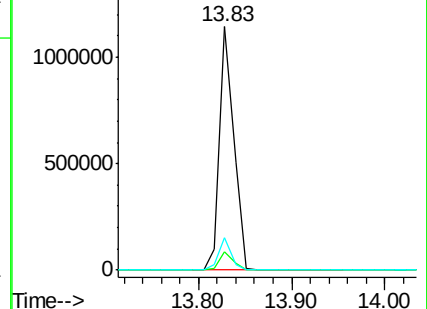
122 13.1 9.3 13.9

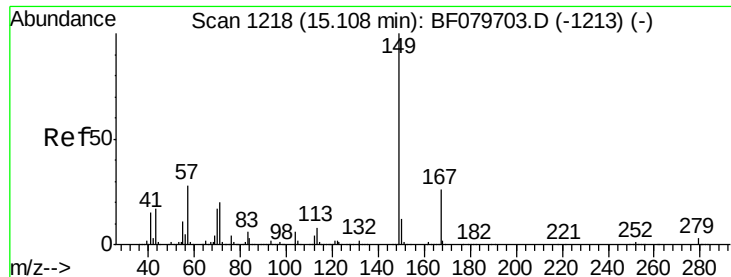


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.57 ng

RT: 15.12 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

DUP-0278-150601

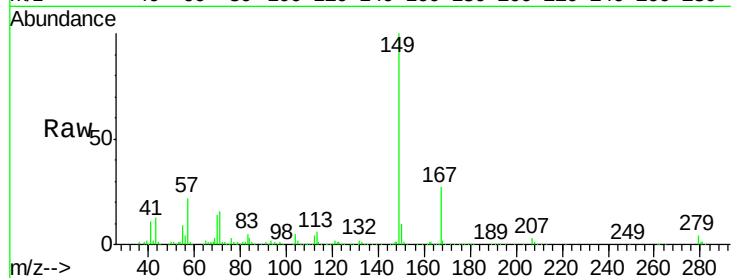
Tgt Ion:149 Resp: 261319

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

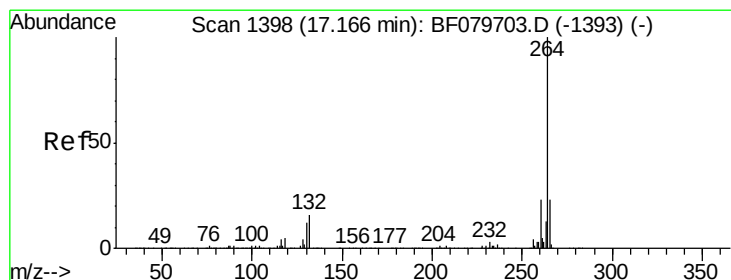
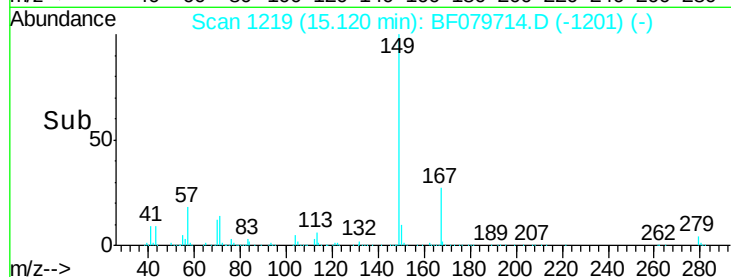
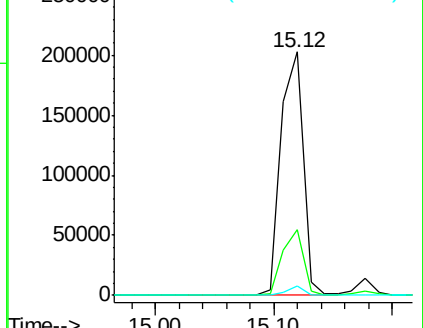
279 4.1 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF079714.D

Acq: 4 Jun 2015 21:01

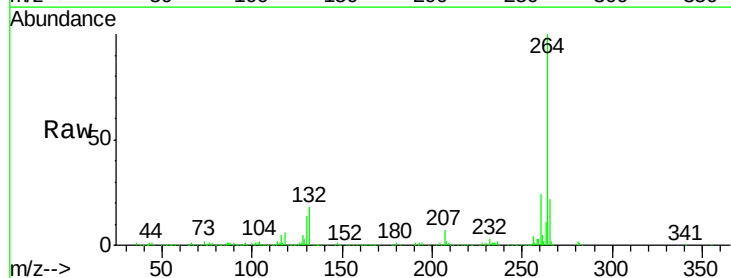
Tgt Ion:264 Resp: 395450

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.6 18.2 27.4



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

