

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079713.D
 Acq On : 4 Jun 2015 20:33
 Operator : TP/IZ
 Sample : G2491-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-150601

Quant Time: Jun 06 01:50:43 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

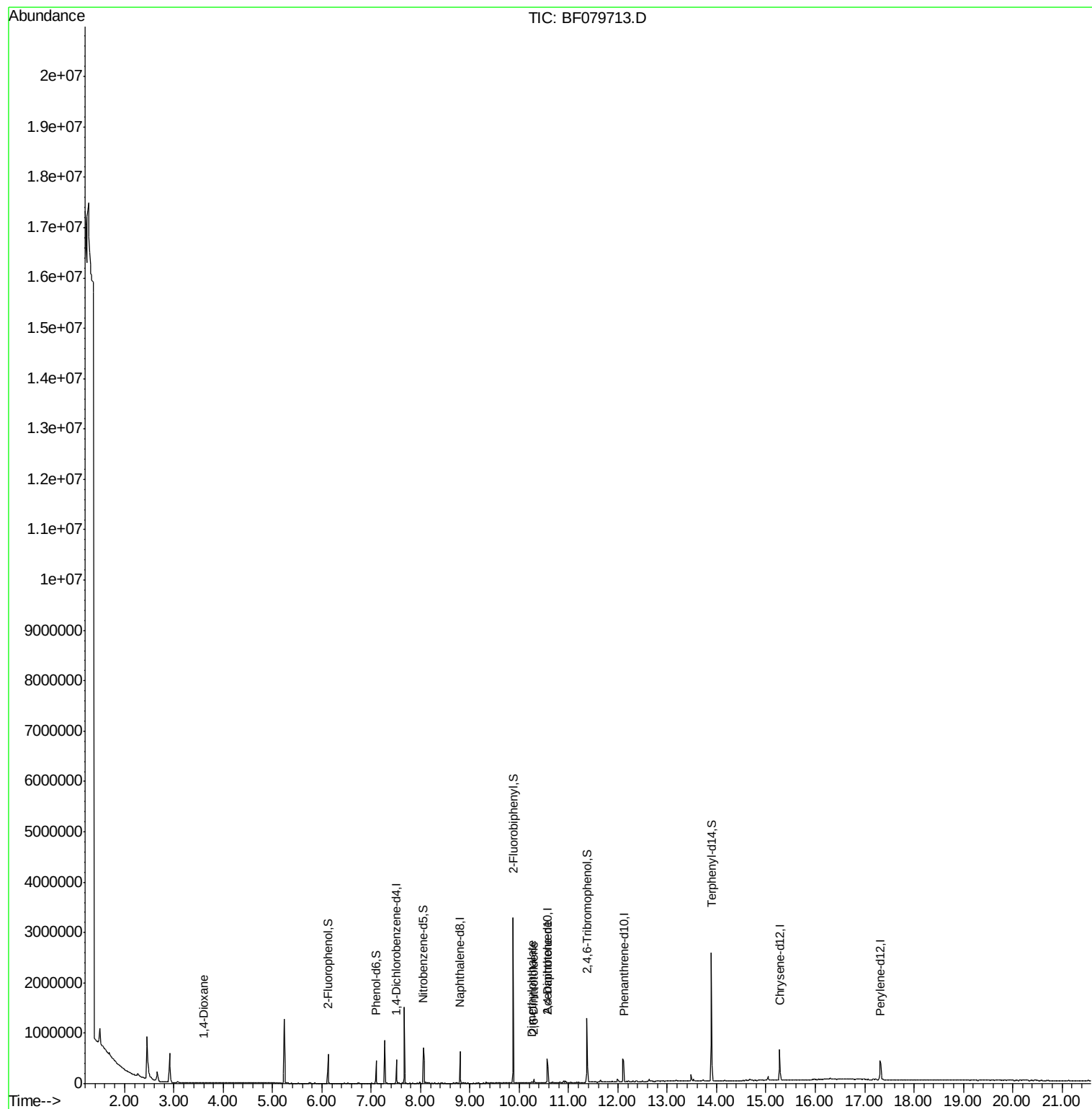
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	61429	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	248137	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	118629	20.00	ng	-0.01
63) Phenanthrene-d10	12.11	188	244762	20.00	ng	0.01
75) Chrysene-d12	15.28	240	258602	20.00	ng	0.11
86) Perylene-d12	17.31	264	243430	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	164212	45.84	ng	0.00
7) Phenol-d6	7.10	99	138997	29.80	ng	0.00
23) Nitrobenzene-d5	8.06	82	273471	67.10	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	136474	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	749774	91.50	ng	0.00
78) Terphenyl-d14	13.90	244	863223	78.64	ng	0.07
Target Compounds						
2) 1,4-Dioxane	3.60	88	3384	2.09	ng	96
49) Dimethylphthalate	10.26	163	19096	2.09	ng	97
50) 2,6-Dinitrotoluene	10.30	165	7516	7.13	ng	# 23
56) 2,4-Dinitrotoluene	10.57	165	15065	7.78	ng	# 33

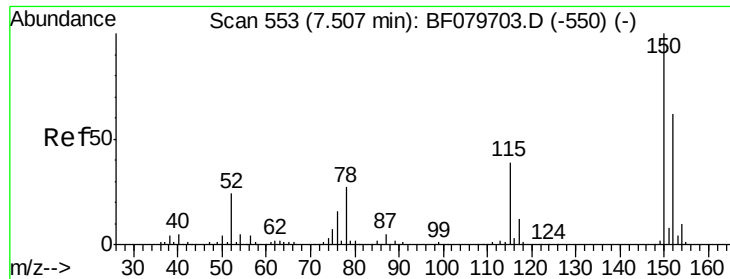
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

Instrument :

BNA_F

ClientSampleId :

LF017MW001-150601

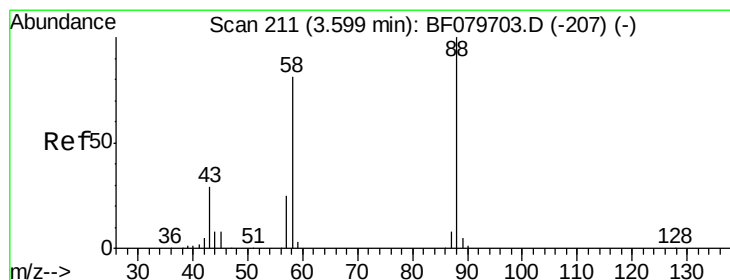
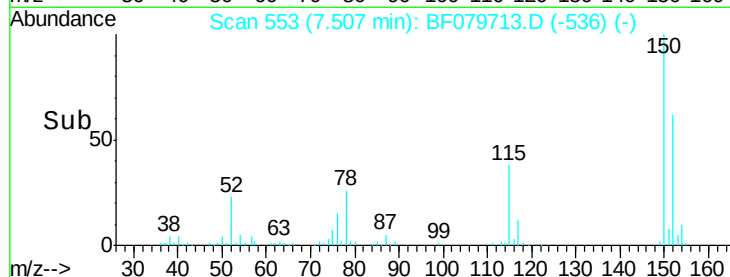
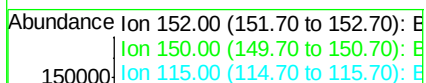
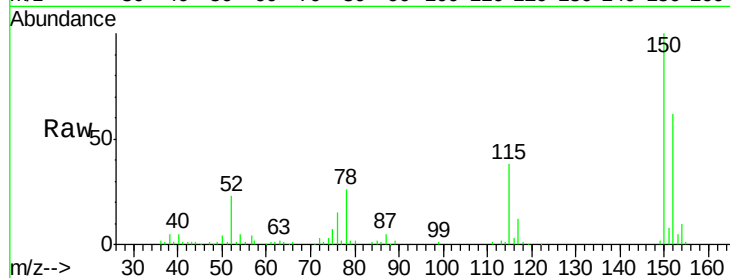
Tgt Ion:152 Resp: 61429

Ion Ratio Lower Upper

152 100

150 161.2 128.1 192.1

115 60.8 49.7 74.5



#2

1,4-Dioxane

Concen: 2.09 ng

RT: 3.60 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

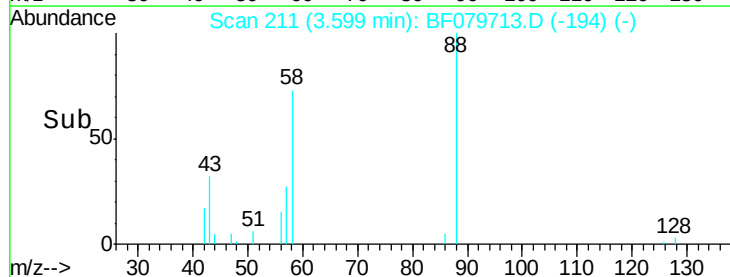
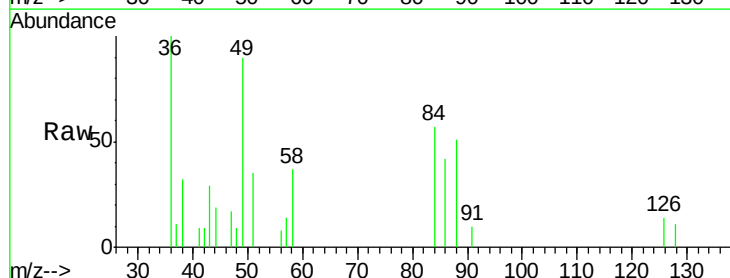
Tgt Ion: 88 Resp: 3384

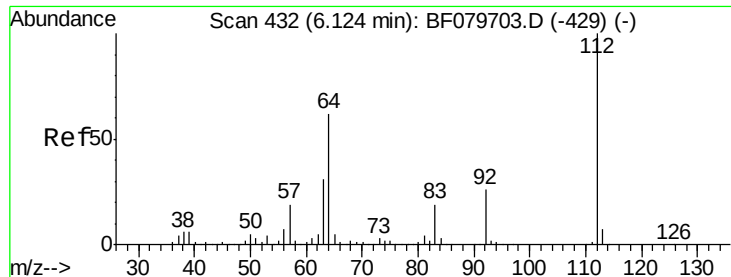
Ion Ratio Lower Upper

88 100

58 84.2 64.2 96.4

43 33.6 25.1 37.7





#5

2-Fluorophenol

Concen: 45.84 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

Instrument :

BNA_F

ClientSampleId :

LF017MW001-150601

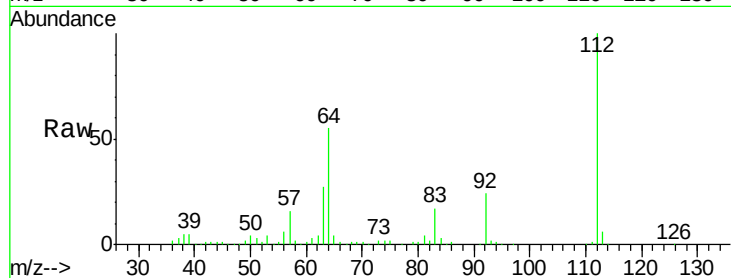
Tgt Ion: 112 Resp: 164212

Ion Ratio Lower Upper

112 100

64 55.1 49.6 74.4

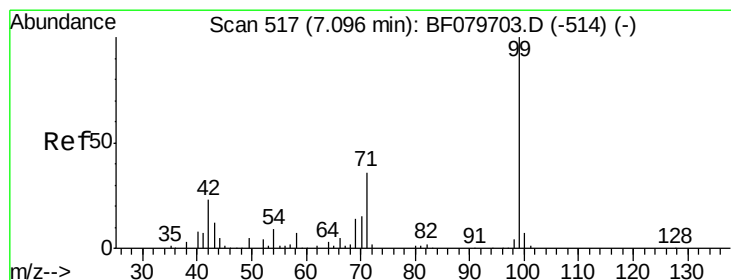
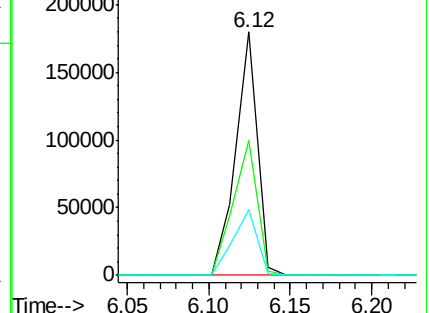
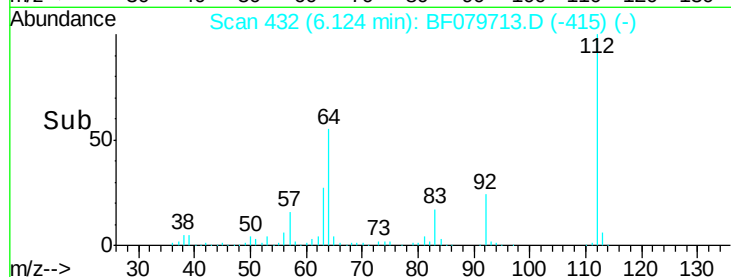
63 27.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF079713.D (-415) (-)

Ion 64.00 (63.70 to 64.70): BF079713.D (-415) (-)

Ion 63.00 (62.70 to 63.70): BF079713.D (-415) (-)



#7

Phenol-d6

Concen: 29.80 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

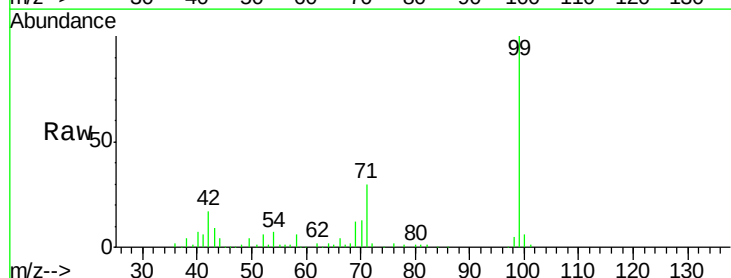
Tgt Ion: 99 Resp: 138997

Ion Ratio Lower Upper

99 100

42 16.5 18.0 27.0#

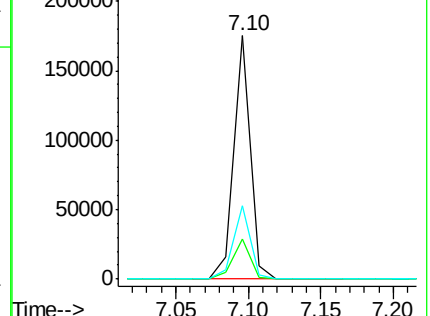
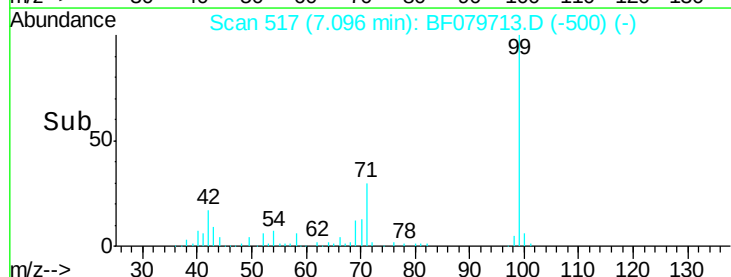
71 29.9 28.4 42.6

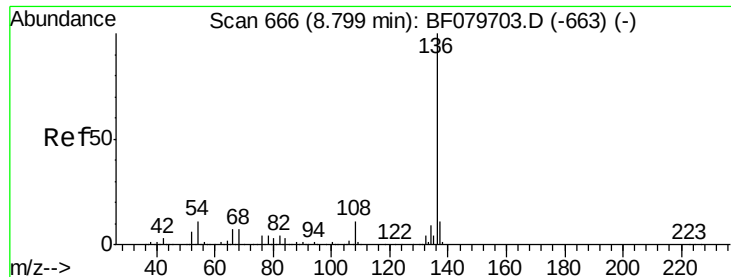


Abundance Ion 99.00 (98.70 to 99.70): BF079713.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BF079713.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BF079713.D (-500) (-)

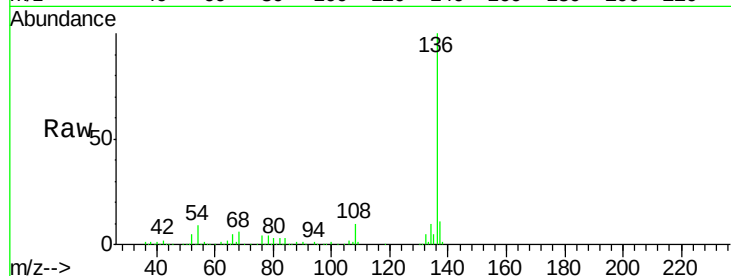




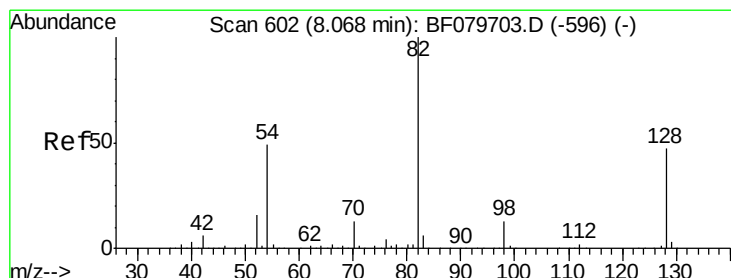
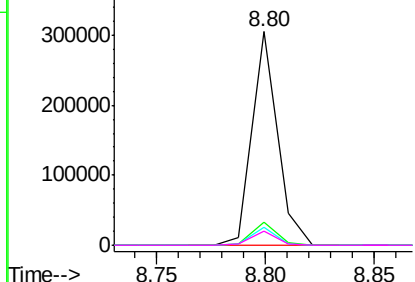
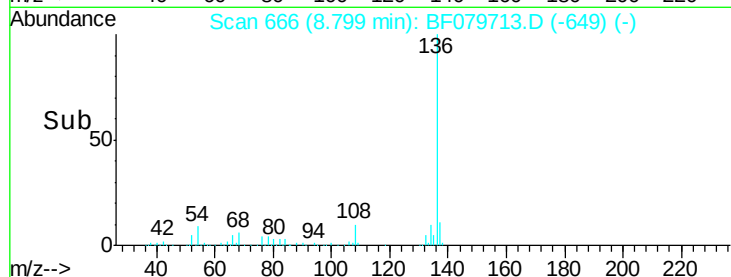
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

Instrument :
BNA_F
ClientSampleId :
LF017MW001-150601

Tgt Ion:	136	Resp:	248137
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	8.7	13.1#
68	6.3	5.8	8.8

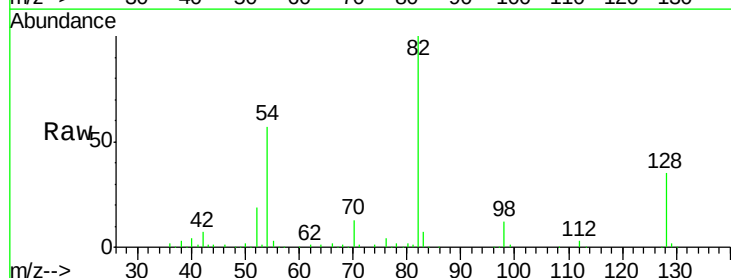


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

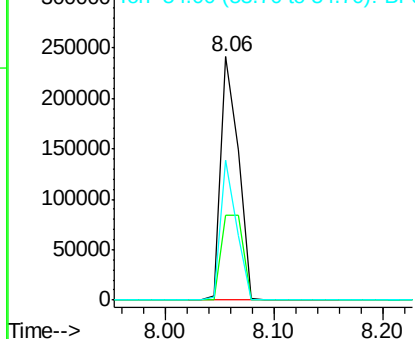
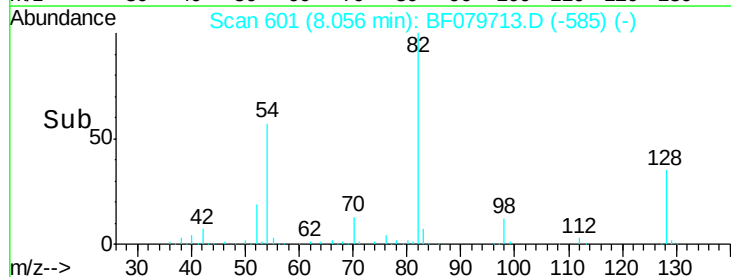


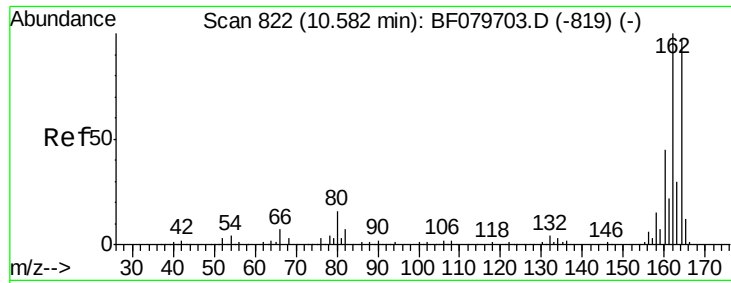
#23
Nitrobenzene-d5
Concen: 67.10 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

Tgt Ion:	82	Resp:	273471
Ion	Ratio	Lower	Upper
82	100		
128	34.7	37.6	56.4#
54	57.3	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

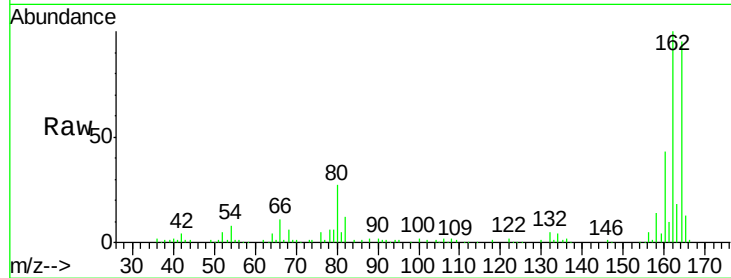




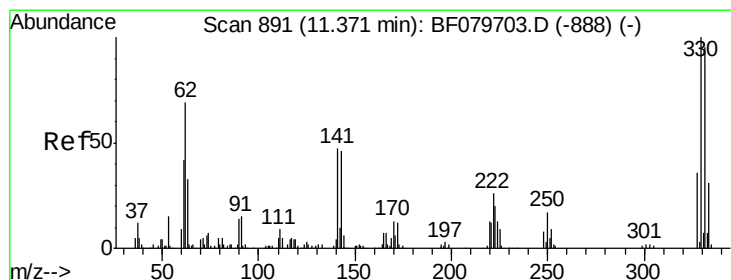
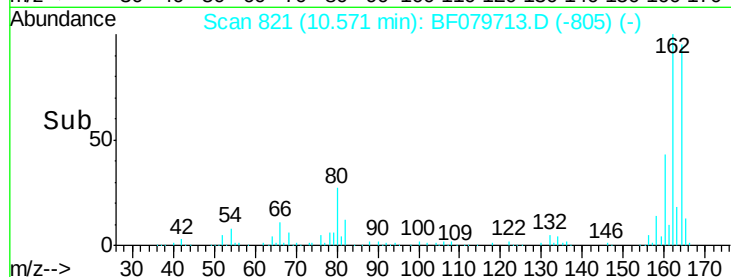
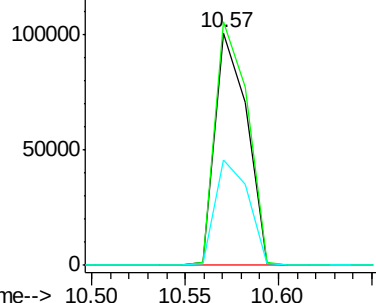
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079713.D
 Acq: 4 Jun 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-150601

Tgt Ion:164 Resp: 118629
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 45.2 36.8 55.2

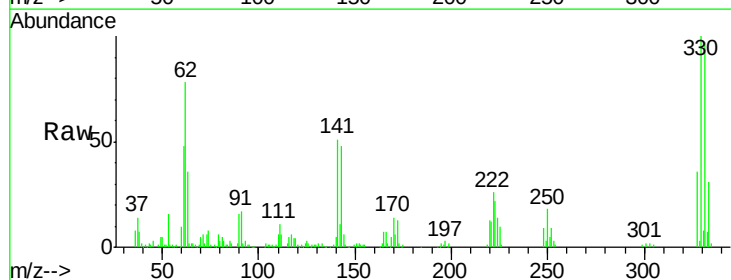


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

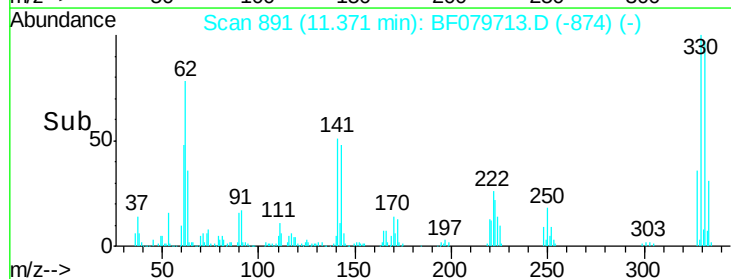
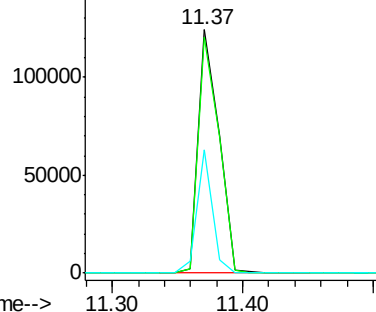


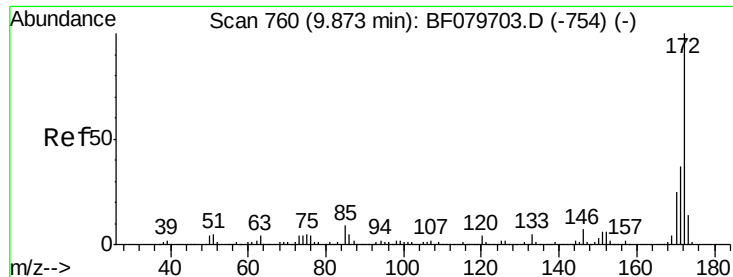
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079713.D
 Acq: 4 Jun 2015 20:33

Tgt Ion:330 Resp: 136474
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.0
 141 38.3 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

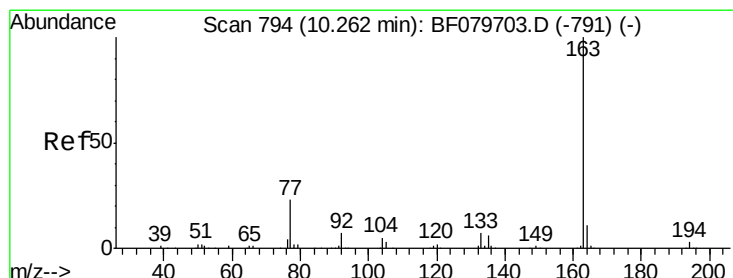
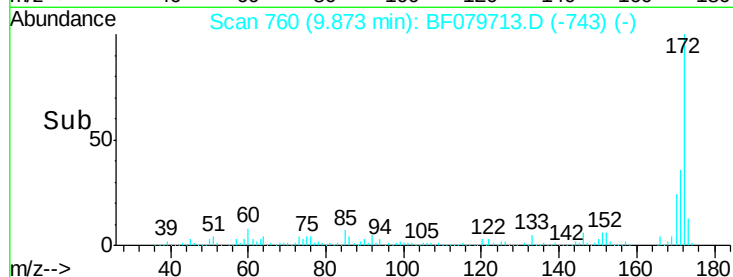
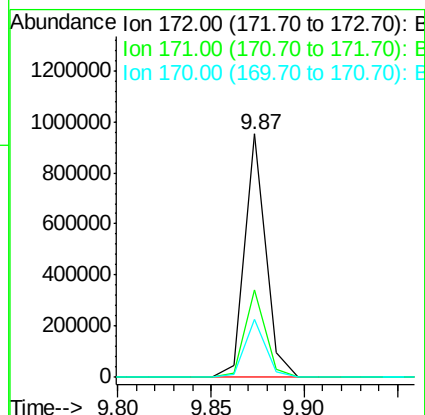
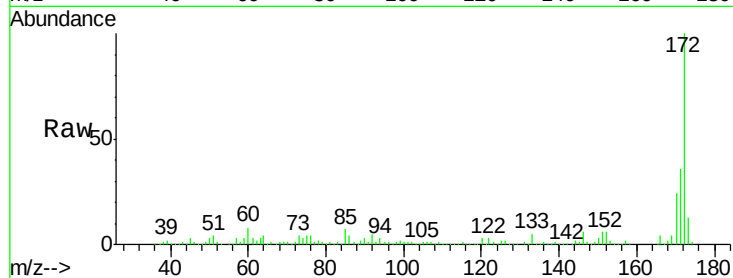




#44
2-Fluorobiphenyl
Concen: 91.50 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

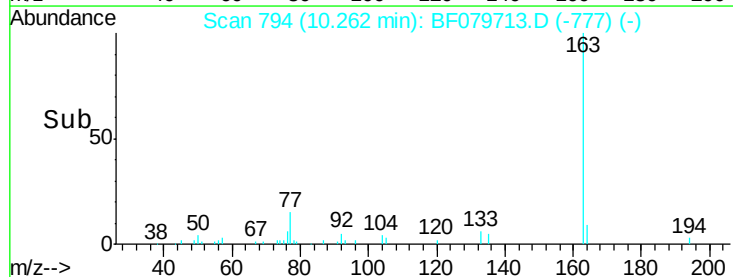
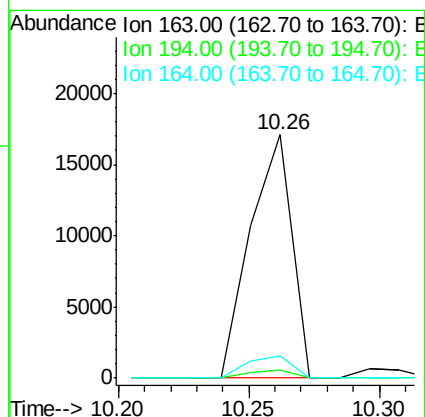
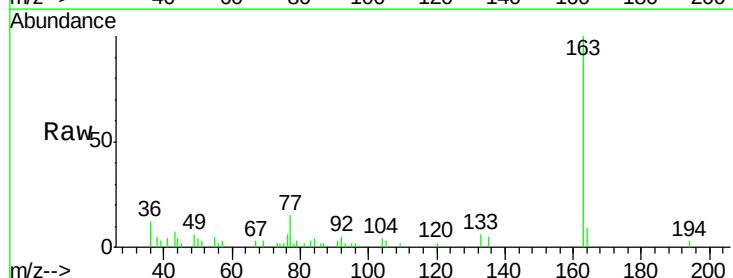
Instrument :
BNA_F
ClientSampleId :
LF017MW001-150601

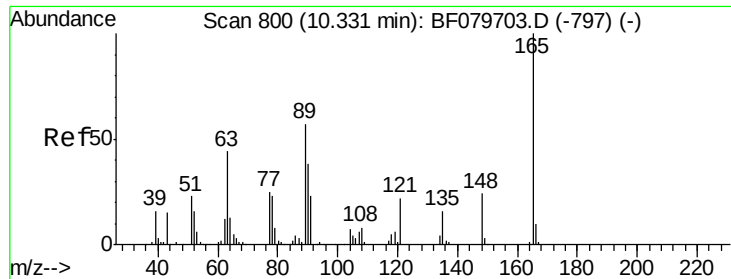
Tgt Ion:172 Resp: 749774
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 2.09 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

Tgt Ion:163 Resp: 19096
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 9.2 8.5 12.7

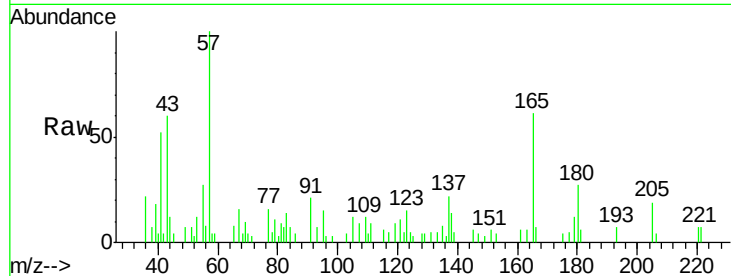




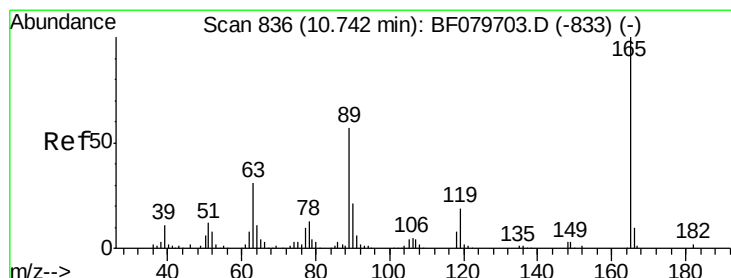
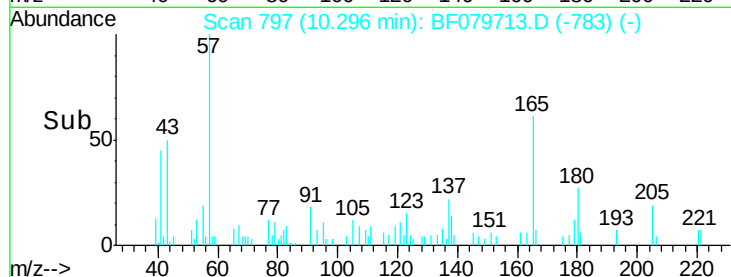
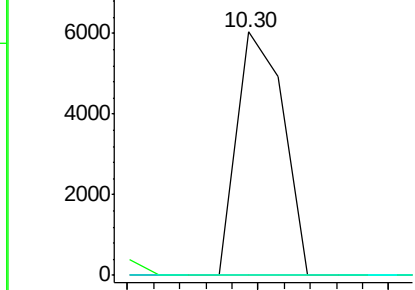
#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF079713.D
 Acq: 4 Jun 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-150601

Tgt Ion:165 Resp: 7516
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.2 67.8#
 89 0.0 45.9 68.9#

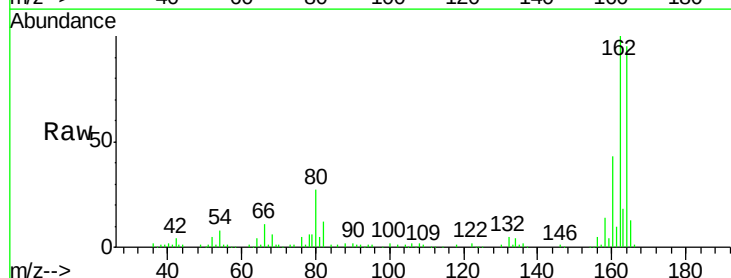


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

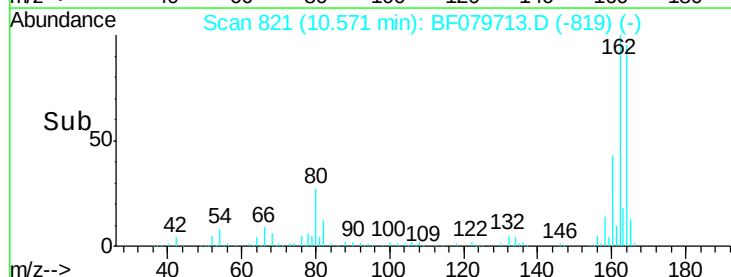
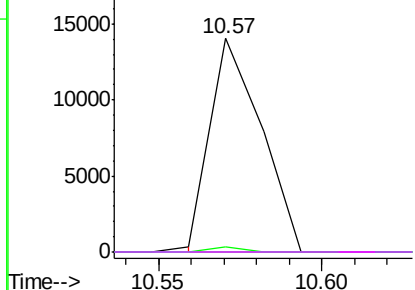


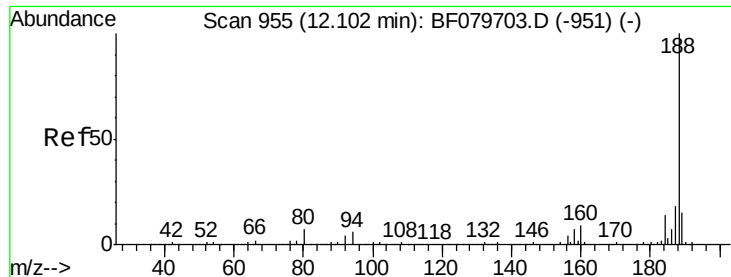
#56
 2,4-Dinitrotoluene
 Concen: 7.78 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.17 min
 Lab File: BF079713.D
 Acq: 4 Jun 2015 20:33

Tgt Ion:165 Resp: 15065
 Ion Ratio Lower Upper
 165 100
 63 2.2 24.7 37.1#
 89 0.0 45.7 68.5#
 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

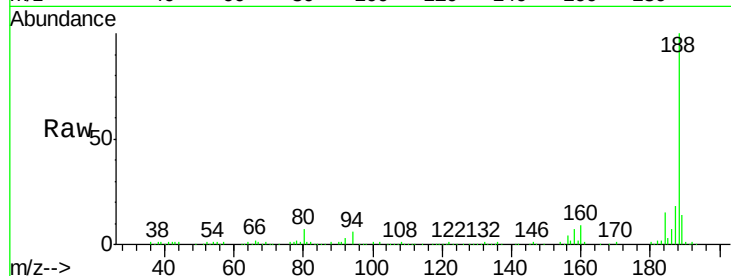




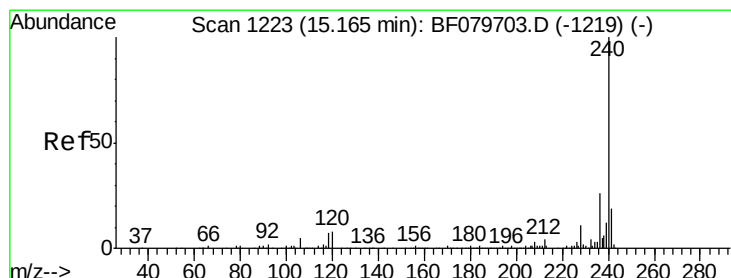
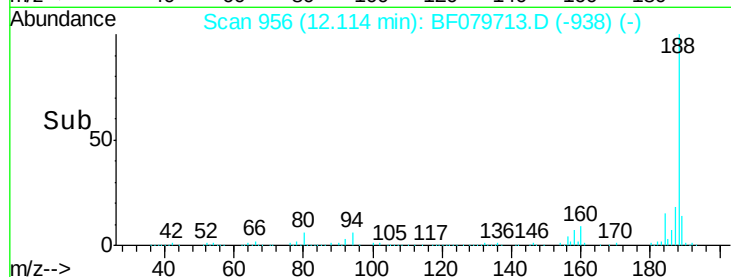
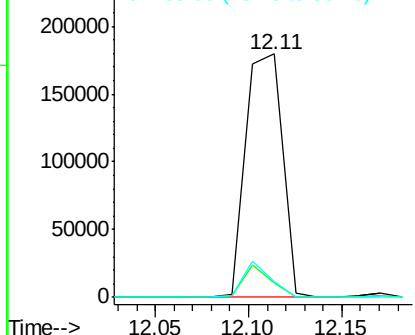
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.11 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

Instrument :
BNA_F
ClientSampleId :
LF017MW001-150601

Tgt Ion:188 Resp: 244762
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.4
80 6.5 5.3 7.9

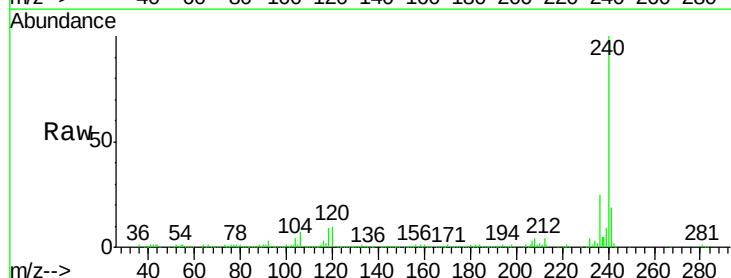


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

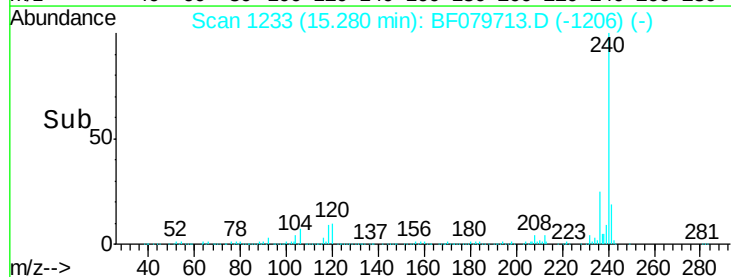
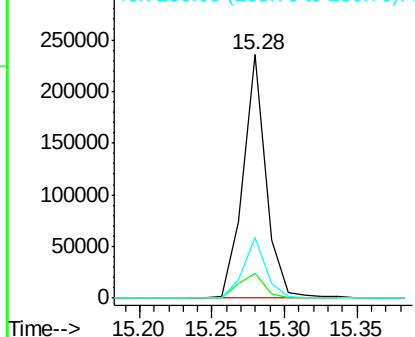


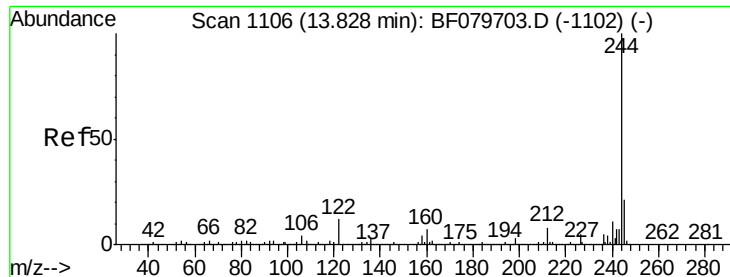
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1233
Delta R.T. 0.11 min
Lab File: BF079713.D
Acq: 4 Jun 2015 20:33

Tgt Ion:240 Resp: 258602
Ion Ratio Lower Upper
240 100
120 10.4 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: 78.64 ng

RT: 13.90 min Scan# 1112

Delta R.T. 0.07 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

Instrument :

BNA_F

ClientSampleId :

LF017MW001-150601

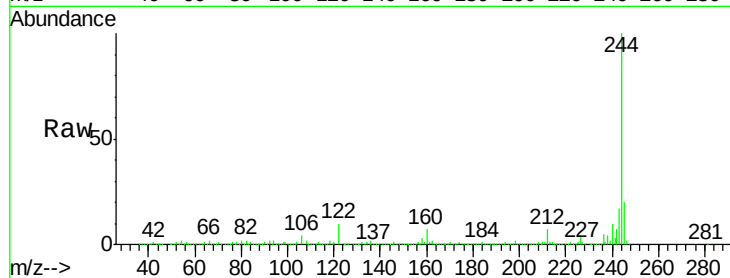
Tgt Ion:244 Resp: 863223

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

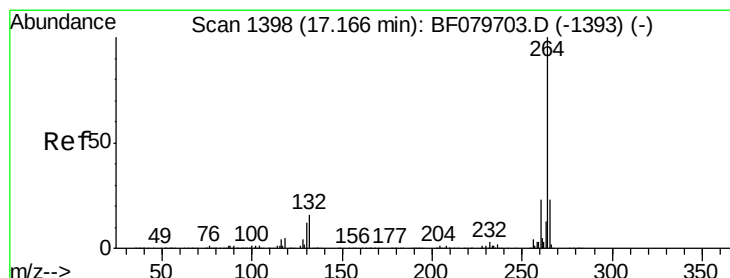
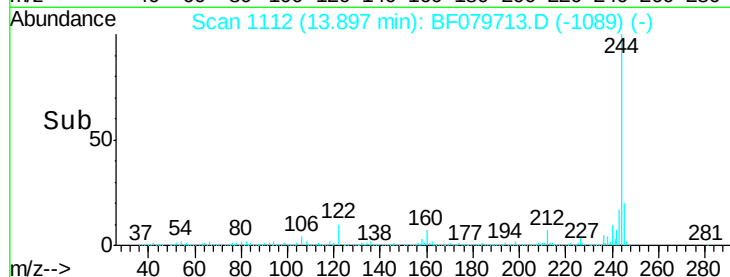
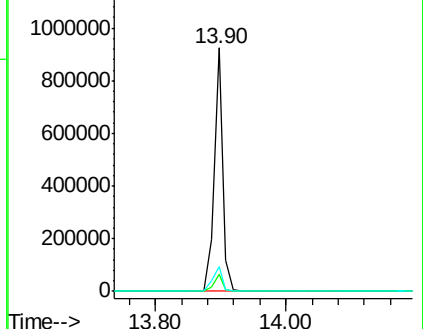
122 10.2 9.3 13.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.31 min Scan# 1411

Delta R.T. 0.15 min

Lab File: BF079713.D

Acq: 4 Jun 2015 20:33

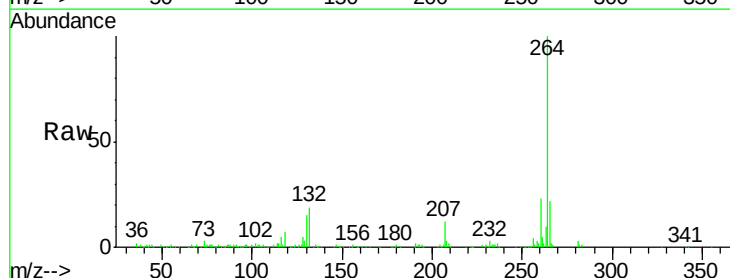
Tgt Ion:264 Resp: 243430

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.4 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

