

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078028.D
 Acq On : 27 Mar 2015 8:23
 Operator : TP/IZ
 Sample : G1611-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FIELDBLANK-2-3-20

Quant Time: Mar 27 14:10:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

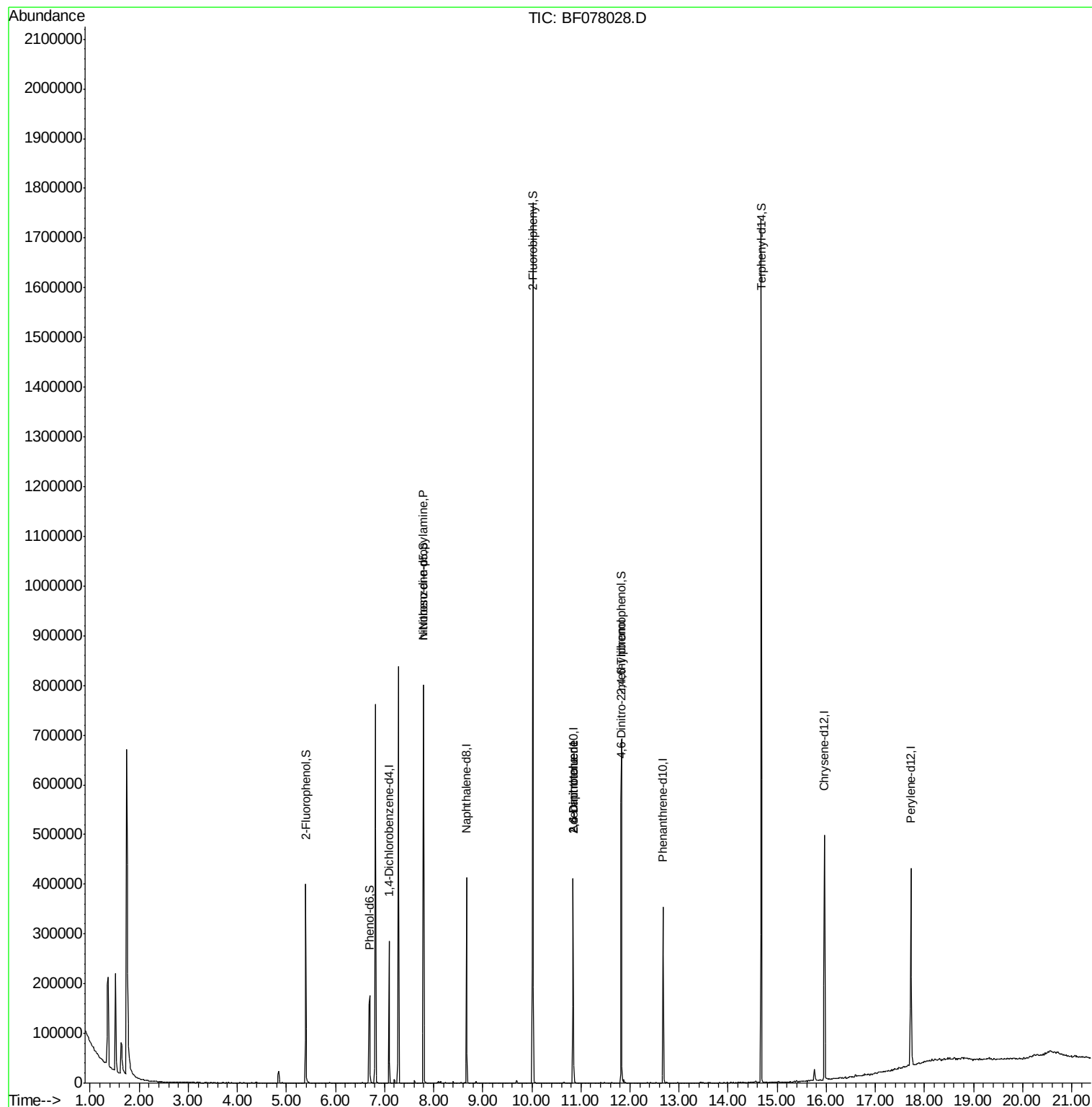
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	44495	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	179301	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	92154	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	180387	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	199441	20.00	ng	-0.17
86) Perylene-d12	17.72	264	186320	20.00	ng	-0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	130660	51.26	ng	-0.05
7) Phenol-d6	6.69	99	97080	30.82	ng	-0.03
23) Nitrobenzene-d5	7.79	82	247553	90.50	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	112709	127.83	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	536422	85.54	ng	-0.07
78) Terphenyl-d14	14.67	244	643738	78.84	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	31371	14.40	ng	# 80
50) 2,6-Dinitrotoluene	10.84	165	11873	8.38	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	11874	6.43	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.81	198	210	4.52	ng	# 1

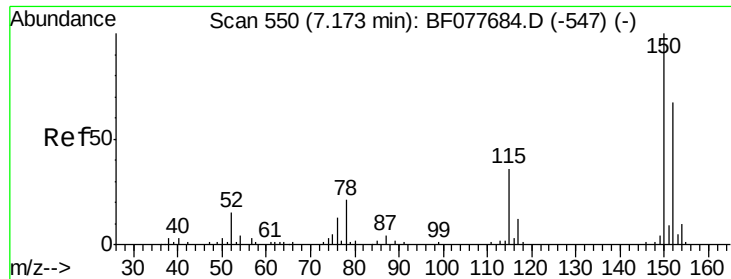
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FIELDBLANK-2-3-20

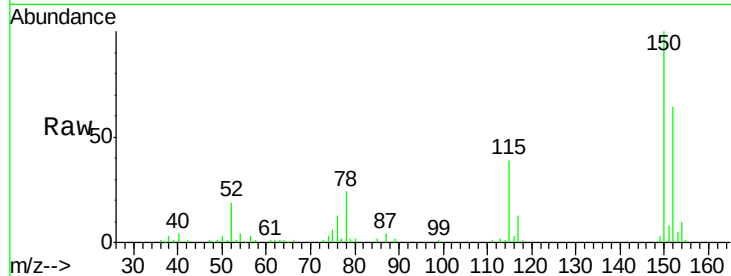
Tgt Ion:152 Resp: 44495

Ion Ratio Lower Upper

152 100

150 155.6 119.5 179.3

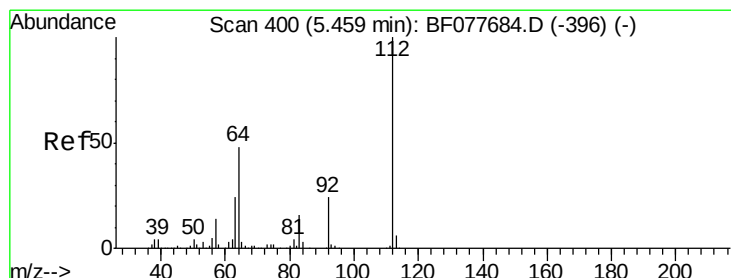
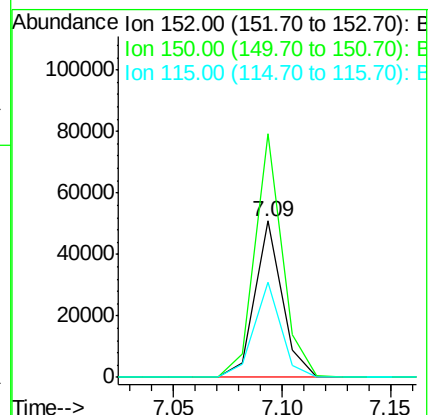
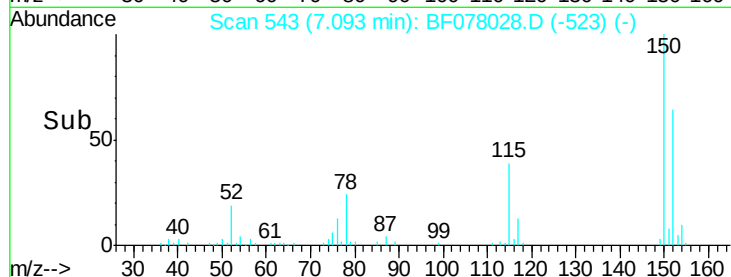
115 60.9 43.0 64.4



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: 51.26 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

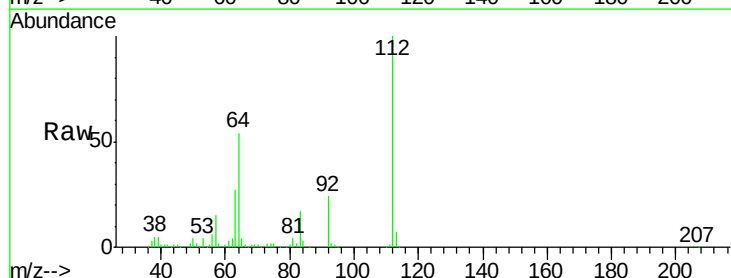
Tgt Ion:112 Resp: 130660

Ion Ratio Lower Upper

112 100

64 54.4 38.6 57.8

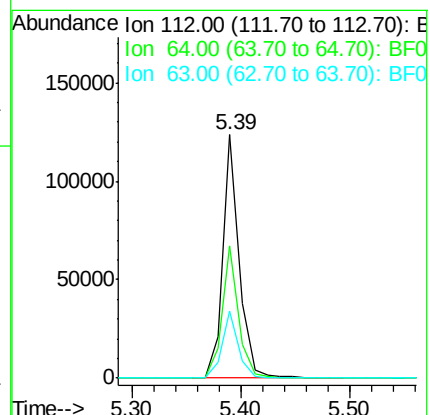
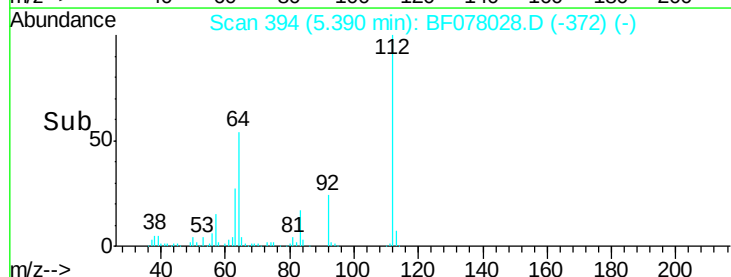
63 27.4 19.3 28.9

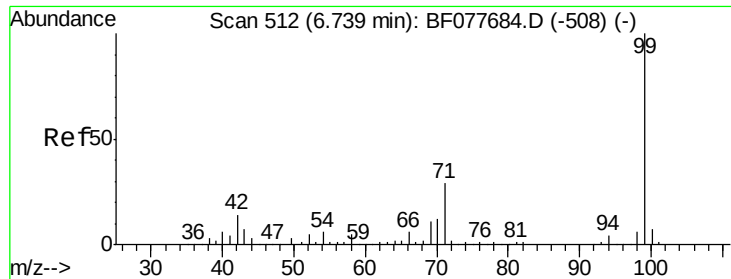


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.82 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FIELDBLANK-2-3-20

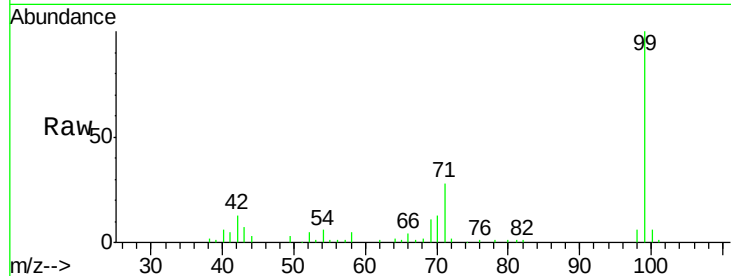
Tgt Ion: 99 Resp: 97080

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

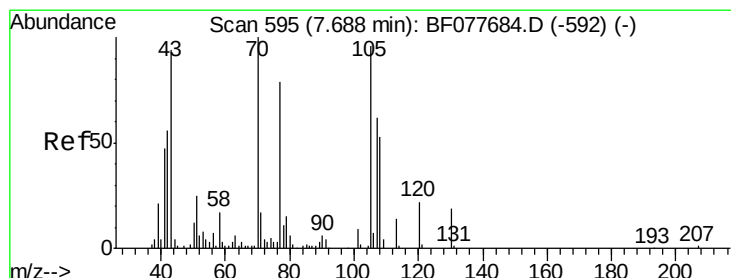
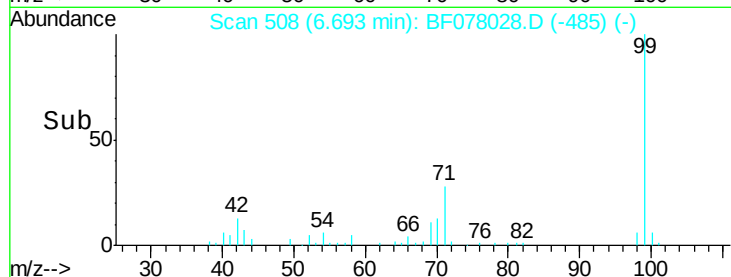
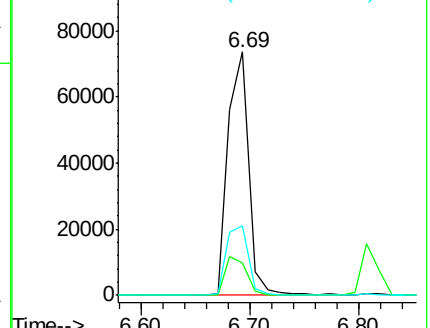
71 28.4 23.4 35.2



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: 14.40 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.10 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

Tgt Ion: 70 Resp: 31371

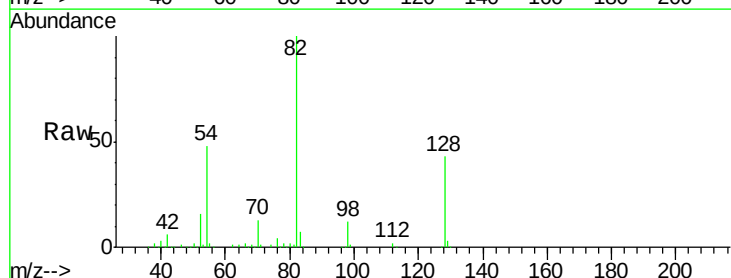
Ion Ratio Lower Upper

70 100

42 46.0 44.5 66.7

101 0.0 7.4 11.2#

130 2.5 15.3 22.9#

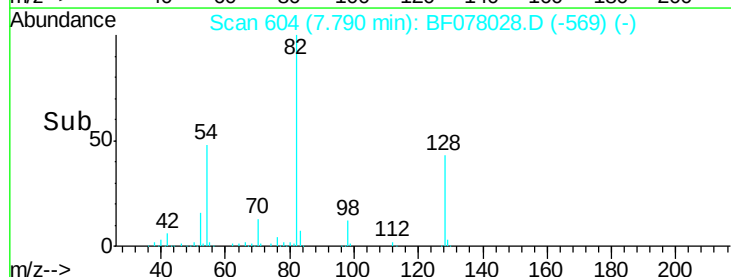
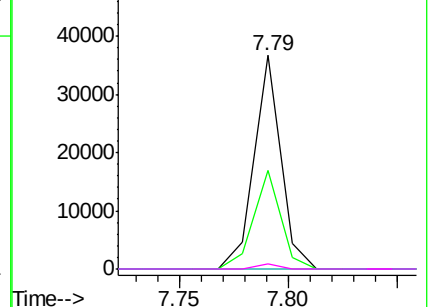


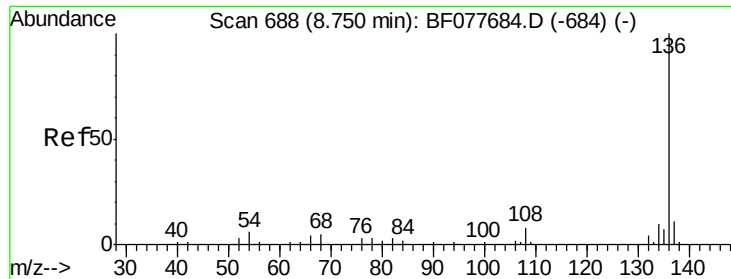
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

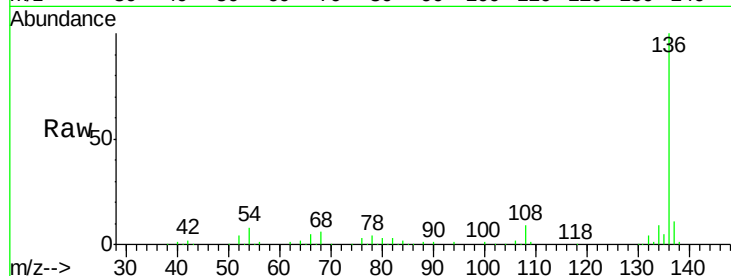




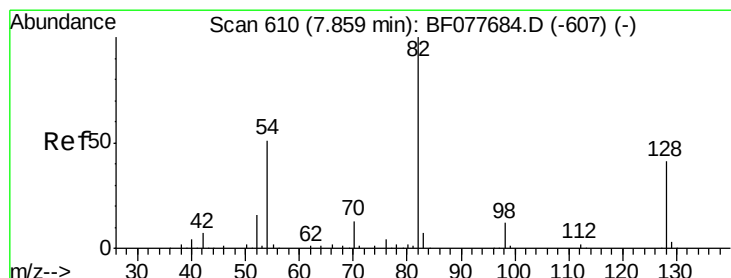
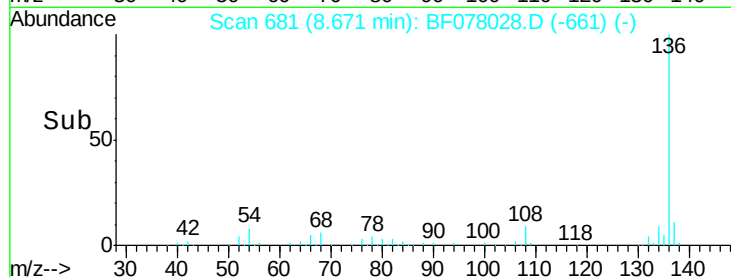
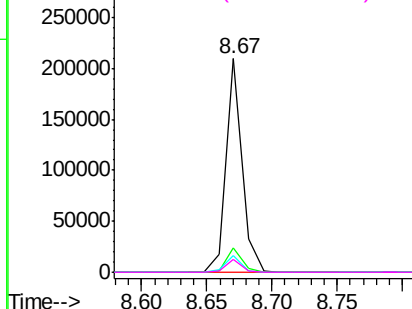
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078028.D
Acq: 27 Mar 2015 8:23

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FIELDBLANK-2-3-20

Tgt Ion: 136 Resp: 179301
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.6 4.6 6.8#
68 5.8 3.7 5.5#

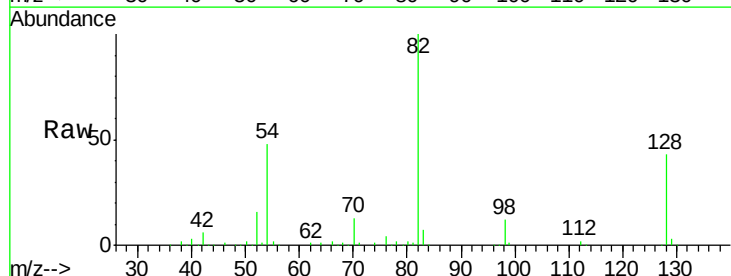


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

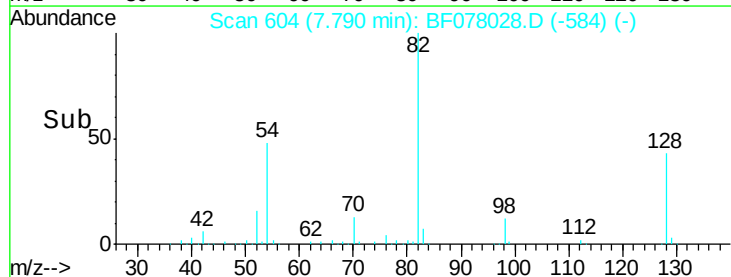
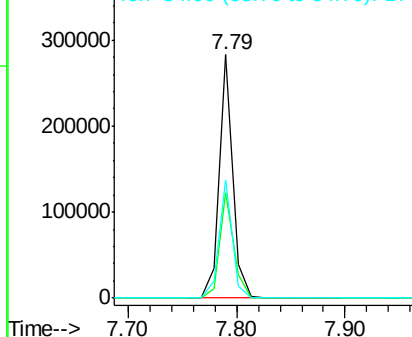


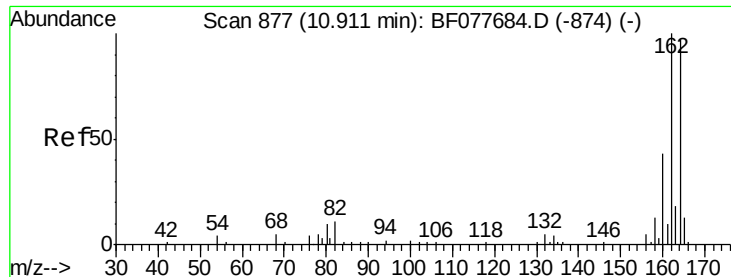
#23
Nitrobenzene-d5
Concen: 90.50 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078028.D
Acq: 27 Mar 2015 8:23

Tgt Ion: 82 Resp: 247553
Ion Ratio Lower Upper
82 100
128 43.4 32.8 49.2
54 48.4 40.6 60.8



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

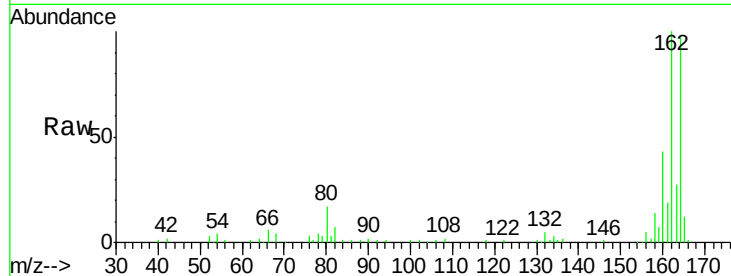




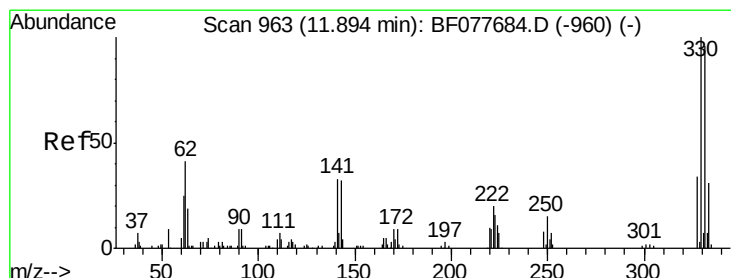
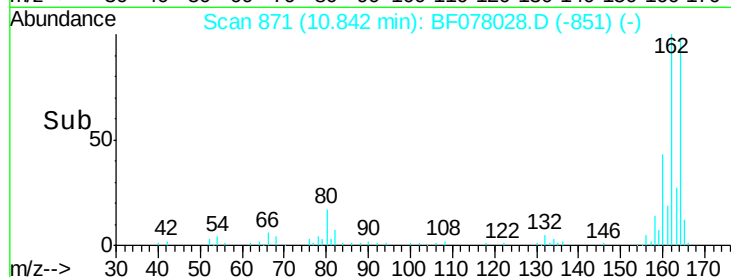
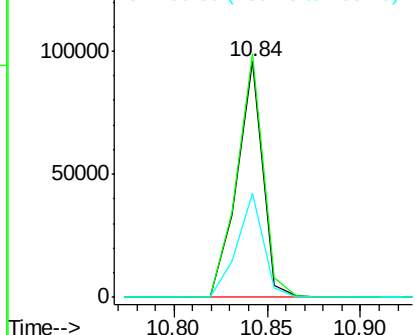
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FIELDBLANK-2-3-20

Tgt Ion:164 Resp: 92154
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.4 123.6
 160 44.1 35.8 53.6

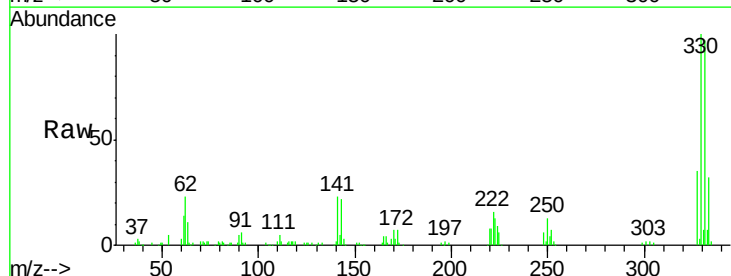


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

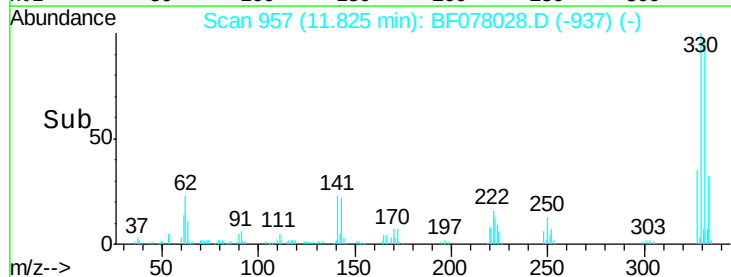
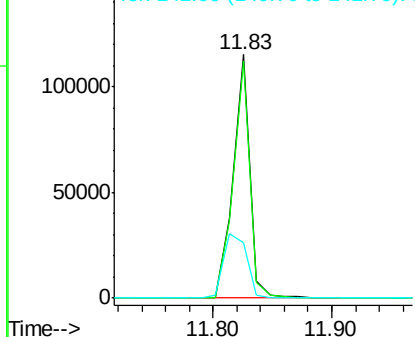


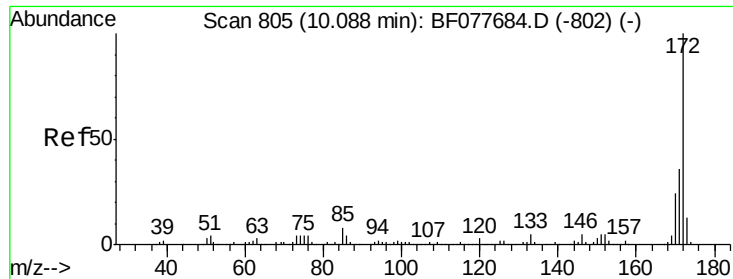
#41
 2,4,6-Tribromophenol
 Concen: 127.83 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Tgt Ion:330 Resp: 112709
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 36.3 0.0 0.0#



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

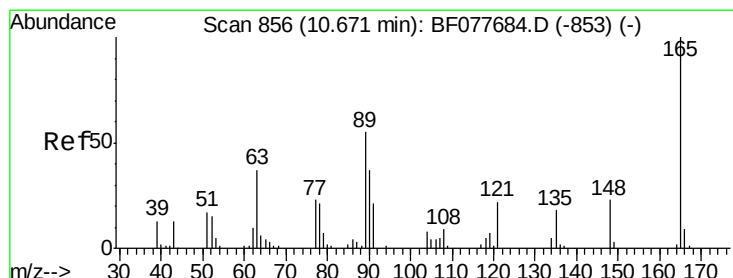
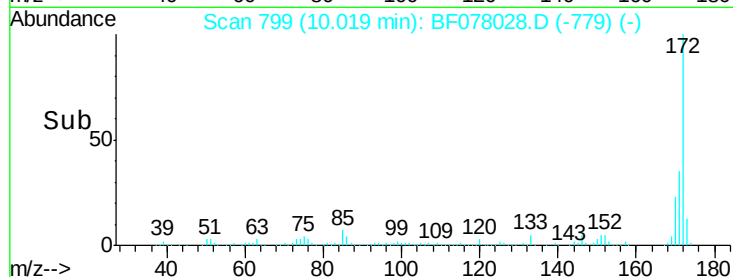
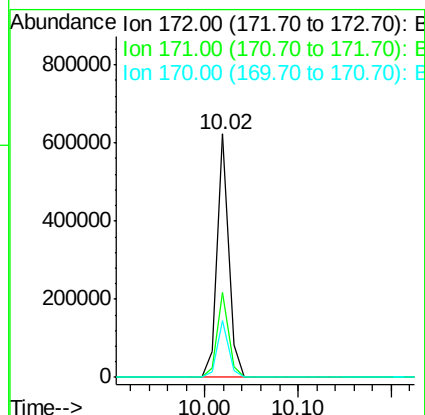
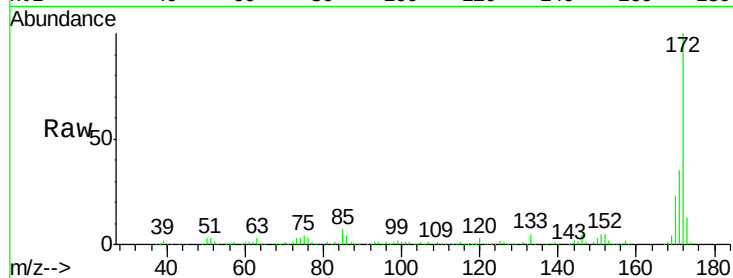




#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

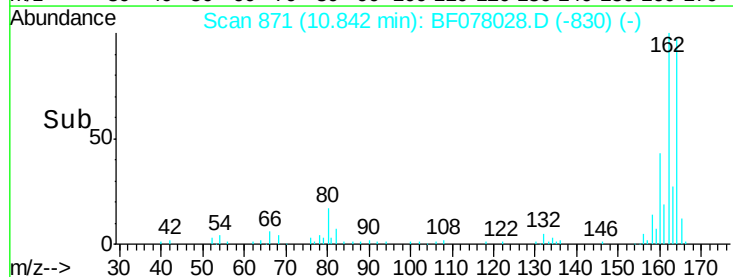
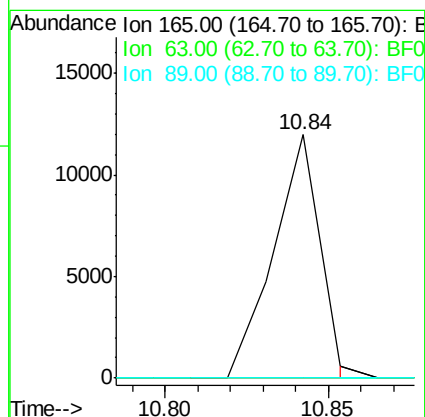
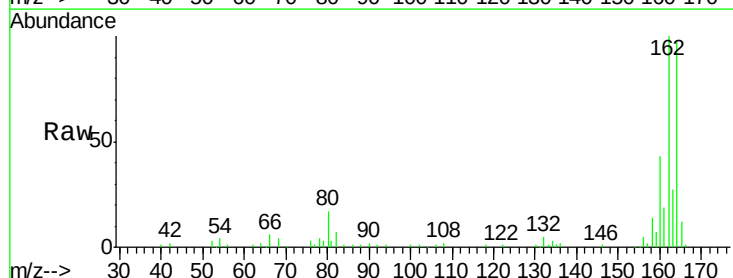
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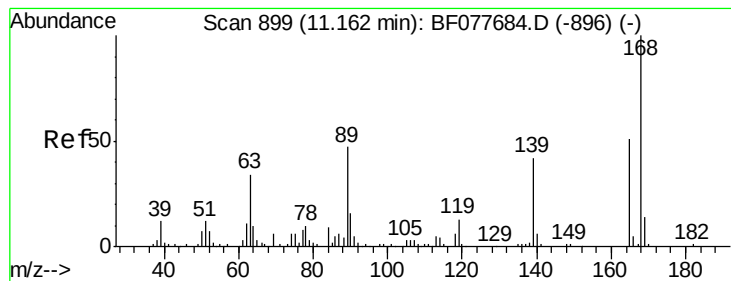
Tgt Ion:172 Resp: 536422
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.1 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.38 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.17 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Tgt Ion:165 Resp: 11873
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

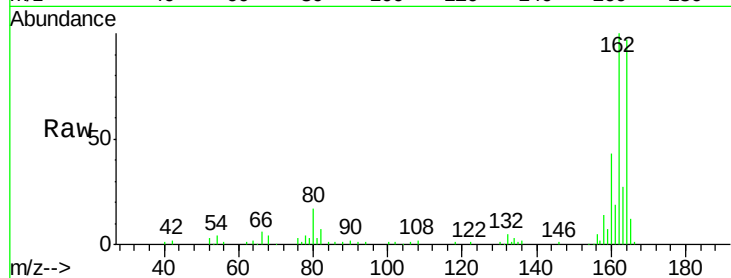




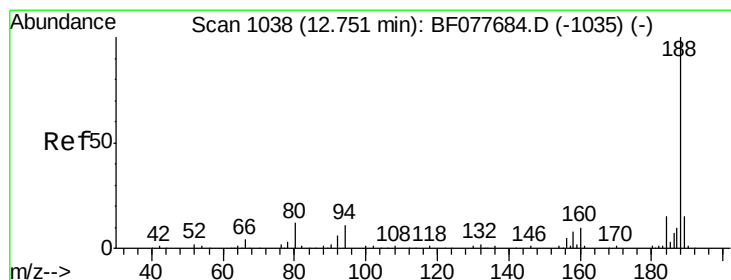
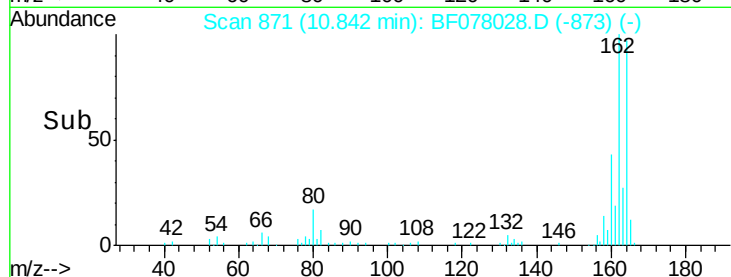
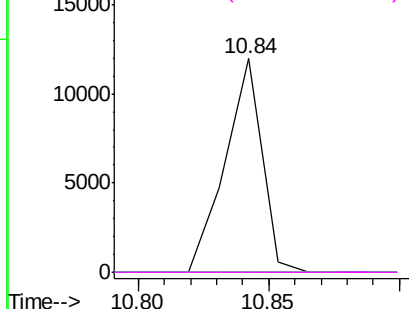
#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.32 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FIELDBLANK-2-3-20

Tgt Ion:165 Resp: 11874
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

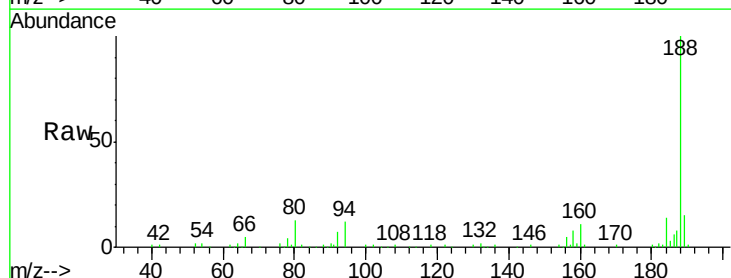


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

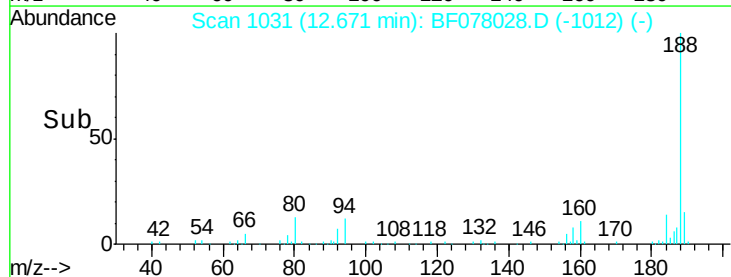
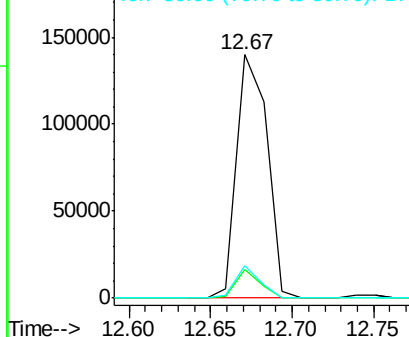


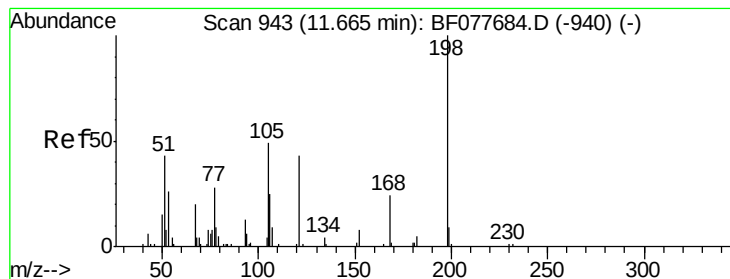
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Tgt Ion:188 Resp: 180387
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.7 13.1
 80 13.5 9.3 13.9



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





#64

4,6-Dinitro-2-methylphenol

Concen: 4.52 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.15 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FIELDBLANK-2-3-20

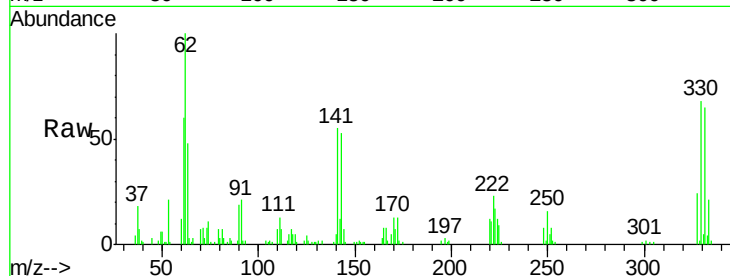
Tgt Ion:198 Resp: 210

Ion Ratio Lower Upper

198 100

51 193.8 28.8 68.8#

105 147.7 30.5 70.5#



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

800

600

400

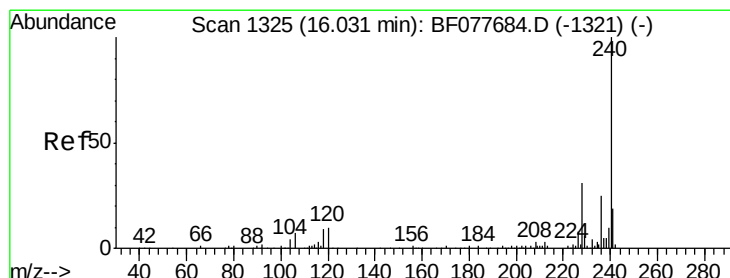
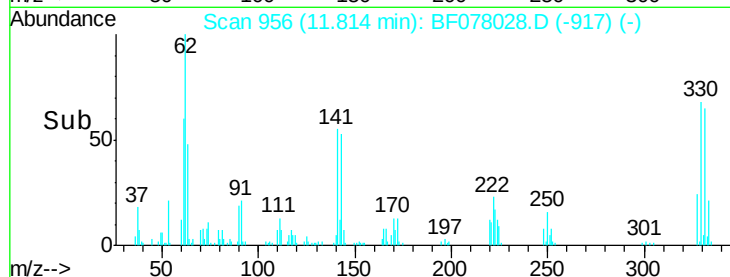
200

0

11.81

11.85

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.96 min Scan# 1319

Delta R.T. -0.17 min

Lab File: BF078028.D

Acq: 27 Mar 2015 8:23

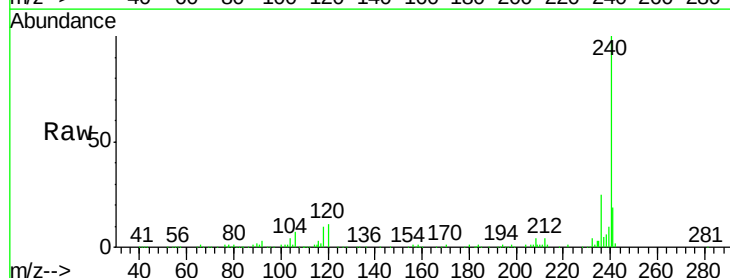
Tgt Ion:240 Resp: 199441

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

236 24.5 20.0 30.0



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

250000

200000

150000

100000

50000

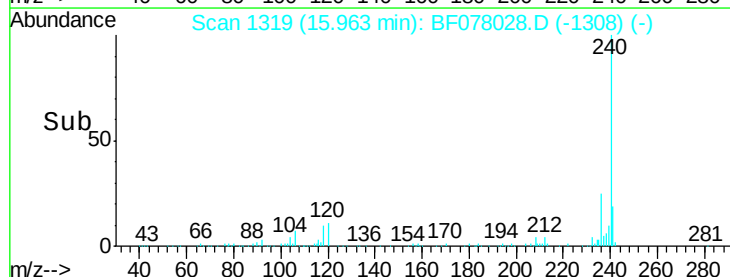
0

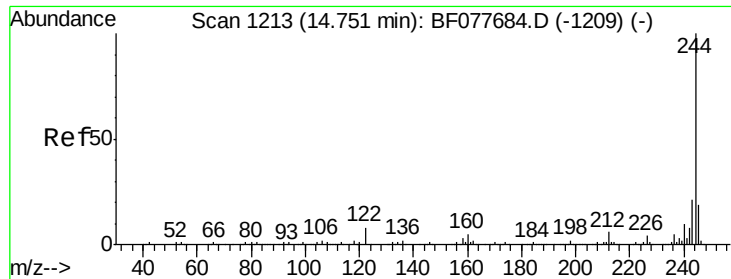
15.96

15.90

16.00

Time-->

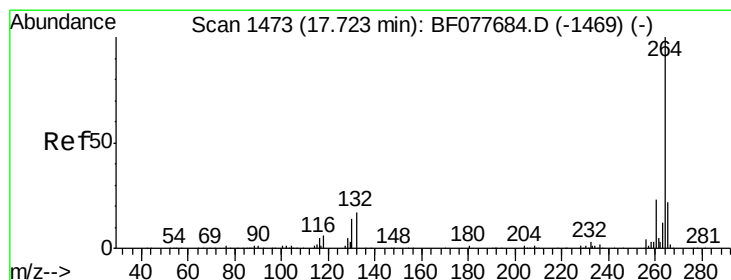
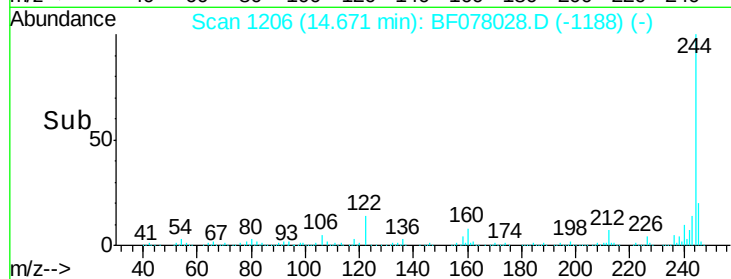
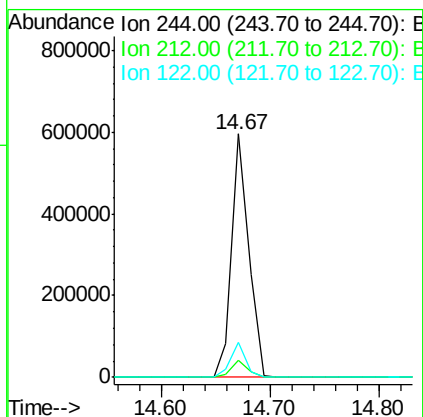
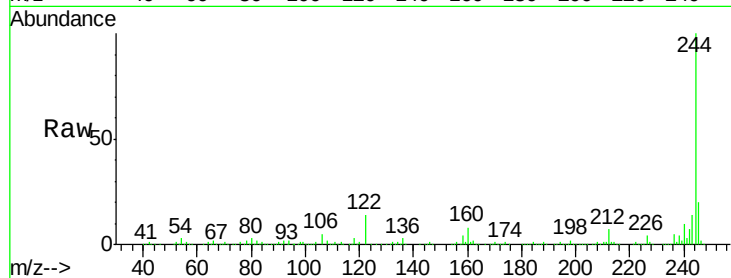




#78
 Terphenyl-d14
 Concen: 78.84 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FIELDBLANK-2-3-20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	14.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.38 min
 Lab File: BF078028.D
 Acq: 27 Mar 2015 8:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	20.7	17.3	25.9

