

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077103.D
 Acq On : 28 Jan 2015 15:46
 Operator : TP/IZ
 Sample : G1158-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

Quant Time: Jan 29 10:30:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

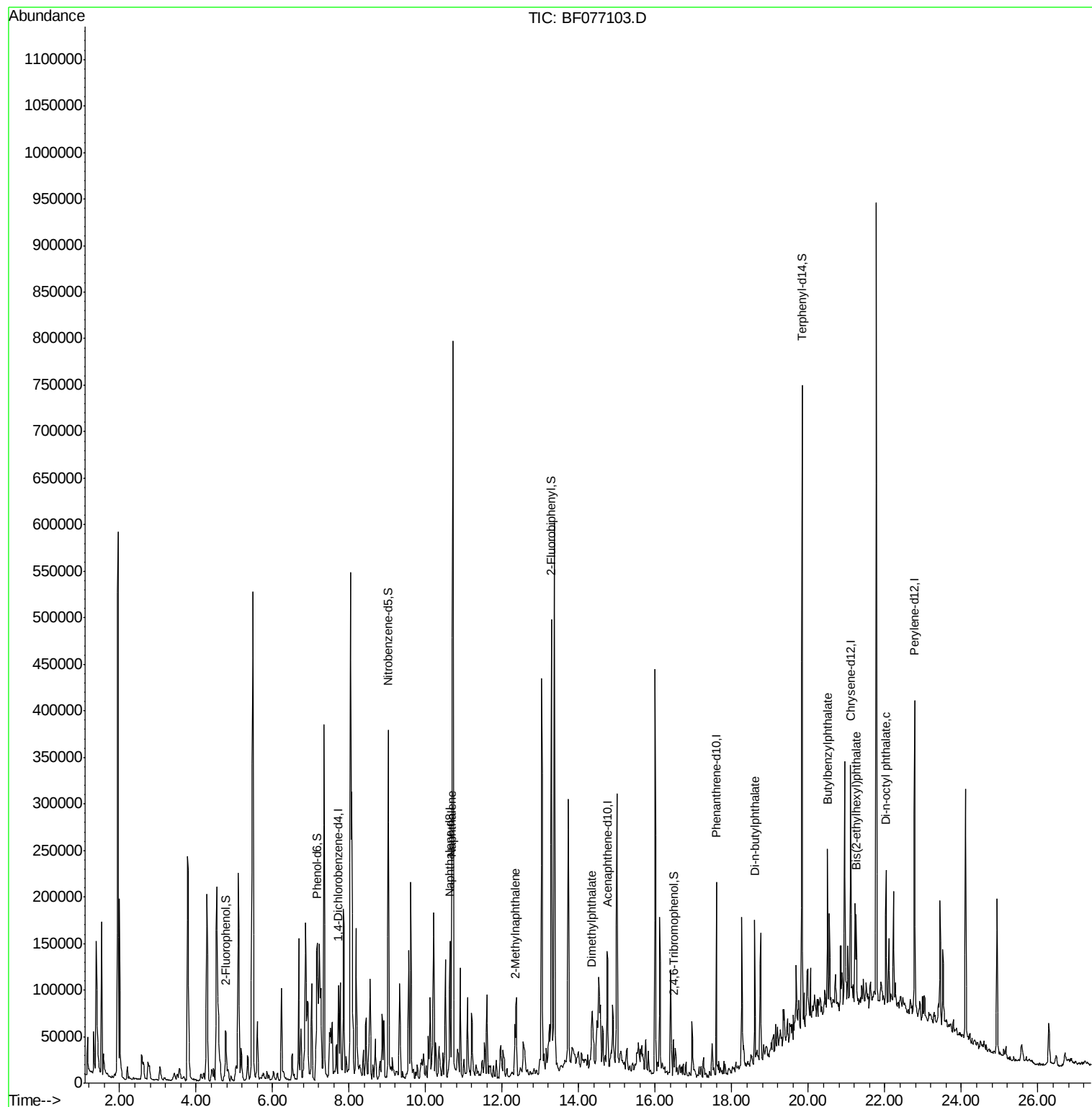
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25957	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	105455	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	49656	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	90055	20.00	ng	0.00
75) Chrysene-d12	21.10	240	77943	20.00	ng	0.00
86) Perylene-d12	22.78	264	71531	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	36543	23.15	ng	0.01
7) Phenol-d6	7.17	99	138386	69.49	ng	0.02
23) Nitrobenzene-d5	9.02	82	133040	69.89	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	7315	18.15	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	253959	77.83	ng	0.00
78) Terphenyl-d14	19.84	244	246522	72.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	75499	13.91	ng	97
37) 2-Methylnaphthalene	12.33	142	22000	5.93	ng	97
49) Dimethylphthalate	14.35	163	9976	2.83	ng	# 96
73) Di-n-butylphthalate	18.60	149	91460	14.88	ng	98
79) Butylbenzylphthalate	20.51	149	43044	17.79	ng	97
83) Bis(2-ethylhexyl)phthalate	21.25	149	38885	11.62	ng	# 98
84) Di-n-octyl phthalate	22.03	149	84934	14.62	ng	# 84

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

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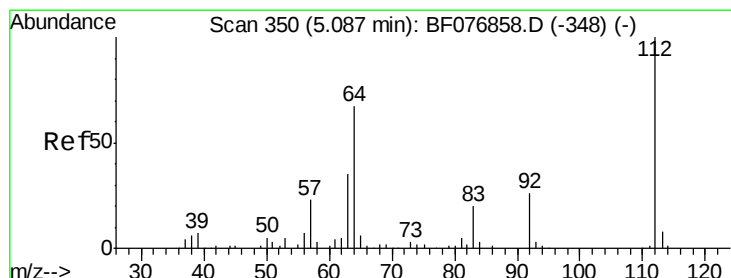
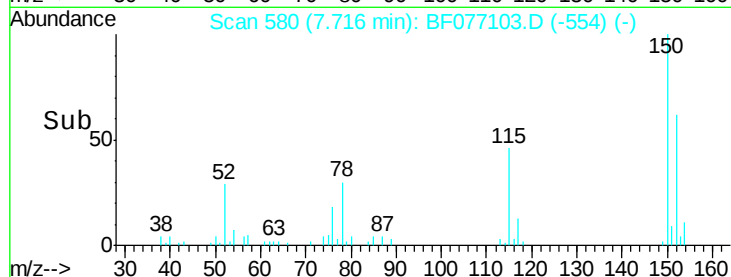
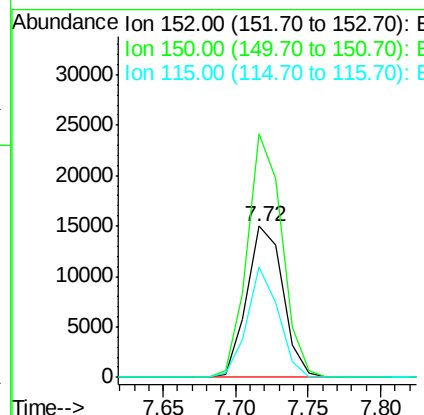
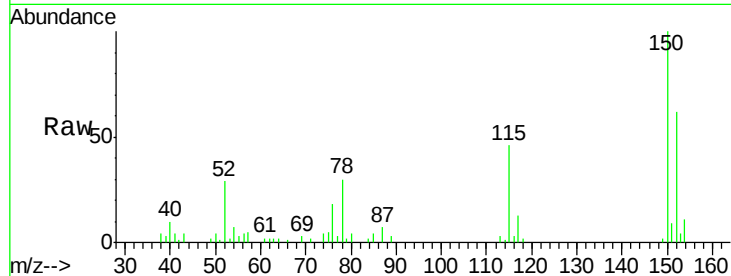




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

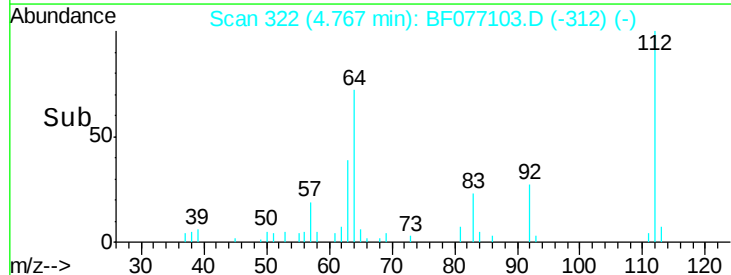
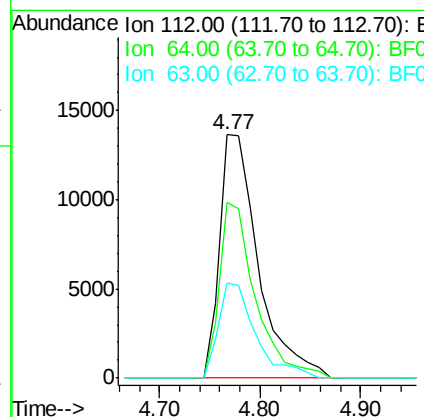
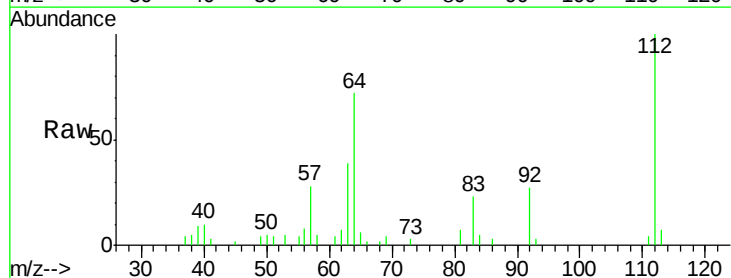
Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

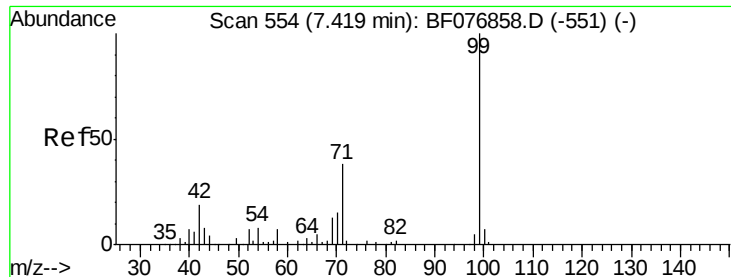
Tgt Ion:152 Resp: 25957
 Ion Ratio Lower Upper
 152 100
 150 161.0 121.7 182.5
 115 73.4 47.0 70.6#



#5
 2-Fluorophenol
 Concen: 23.15 ng
 RT: 4.77 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion:112 Resp: 36543
 Ion Ratio Lower Upper
 112 100
 64 72.2 54.2 81.4
 63 39.1 28.4 42.6





#7

Phenol-d6

Concen: 69.49 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

CC-5RE

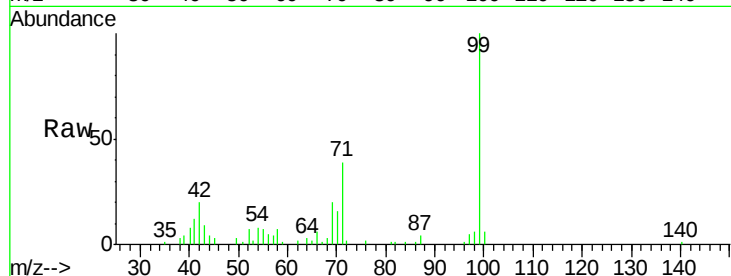
Tgt Ion: 99 Resp: 138386

Ion Ratio Lower Upper

99 100

42 19.7 15.0 22.4

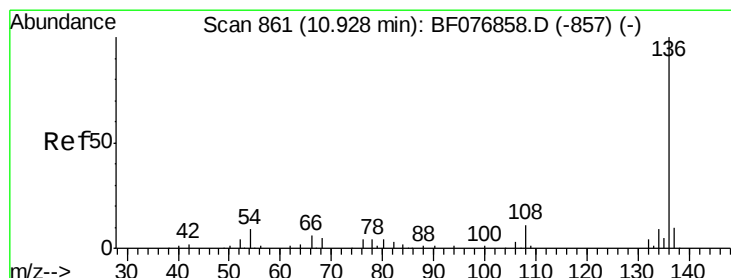
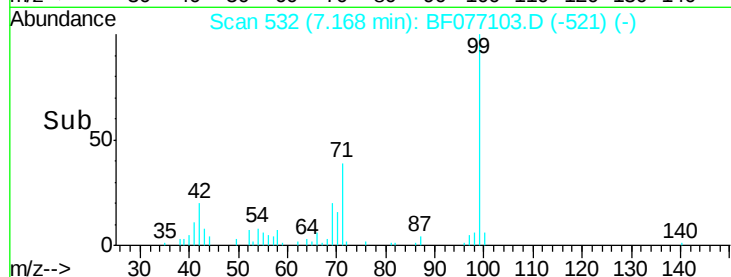
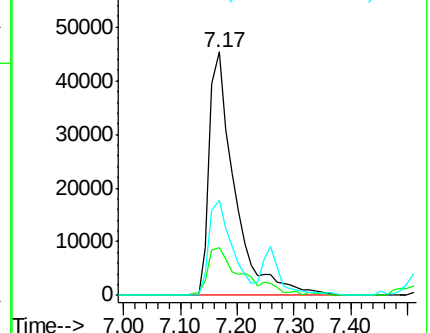
71 38.9 30.5 45.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Tgt Ion: 136 Resp: 105455

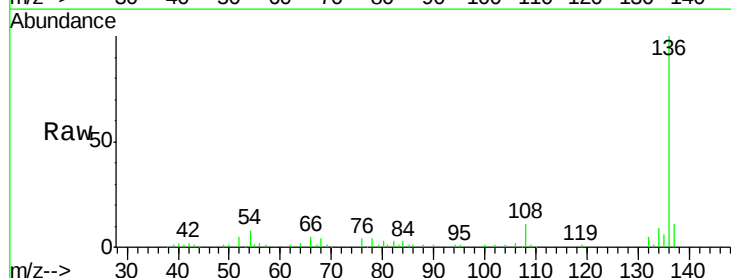
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 8.3 7.0 10.4

68 4.0 3.7 5.5

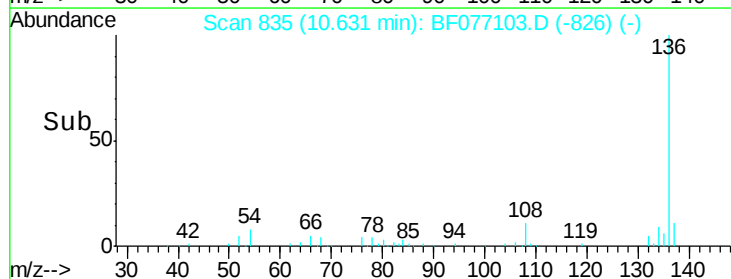
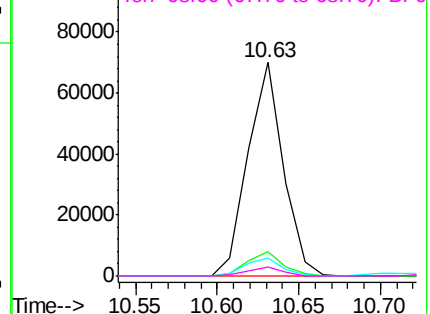


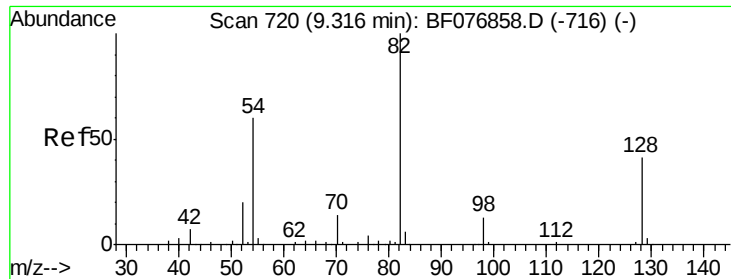
Abundance Ion 136.00 (135.70 to 136.70): E

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

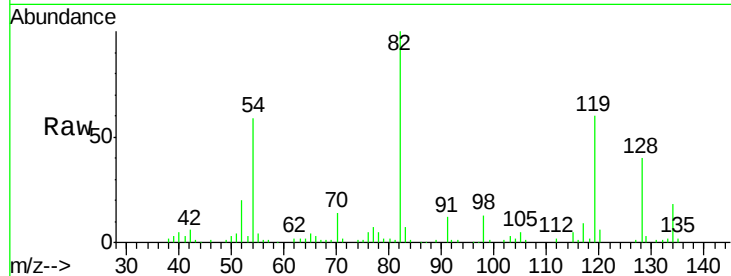




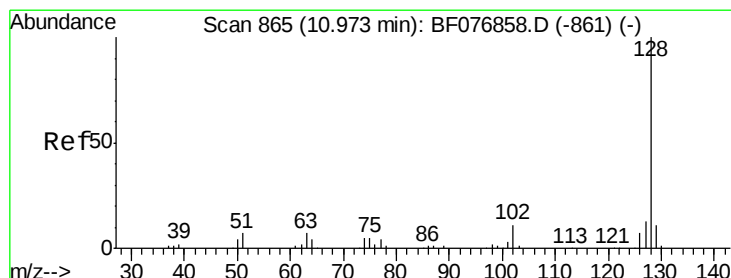
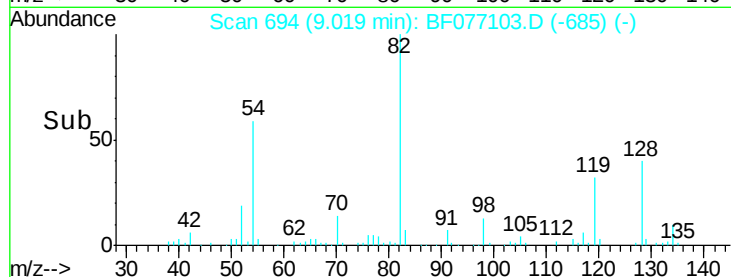
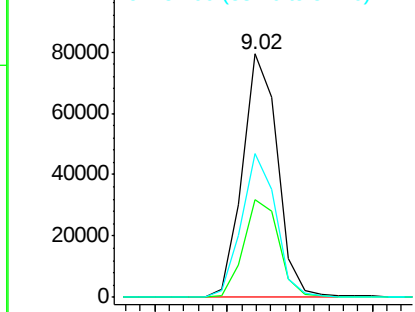
#23
 Nitrobenzene-d5
 Concen: 69.89 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

Tgt Ion: 82 Resp: 133040
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.1 49.7
 54 59.1 48.3 72.5

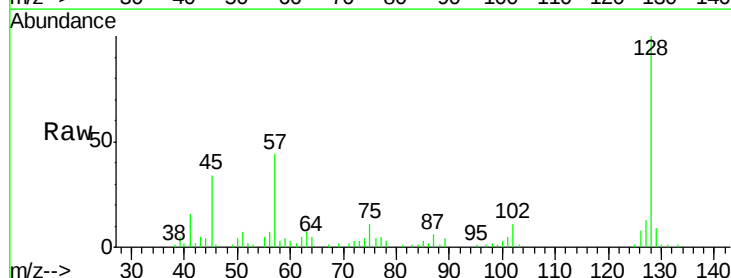


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

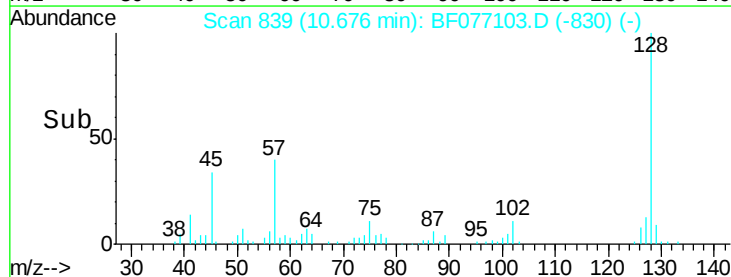
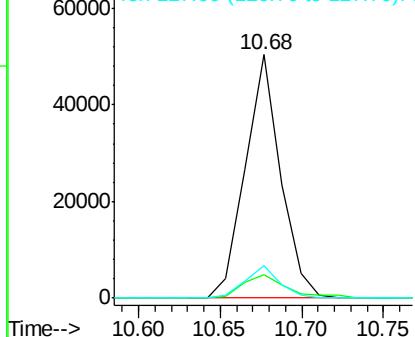


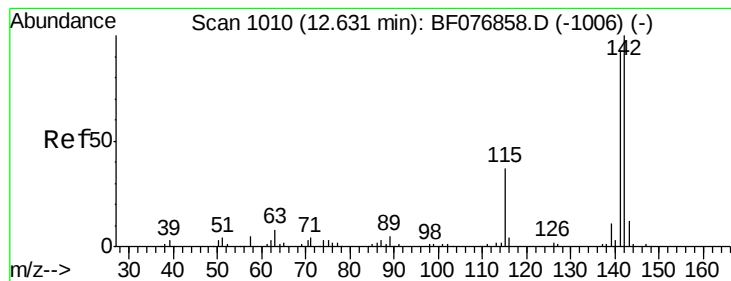
#31
 Naphthalene
 Concen: 13.91 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion: 128 Resp: 75499
 Ion Ratio Lower Upper
 128 100
 129 9.5 9.0 13.6
 127 13.4 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.93 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

CC-5RE

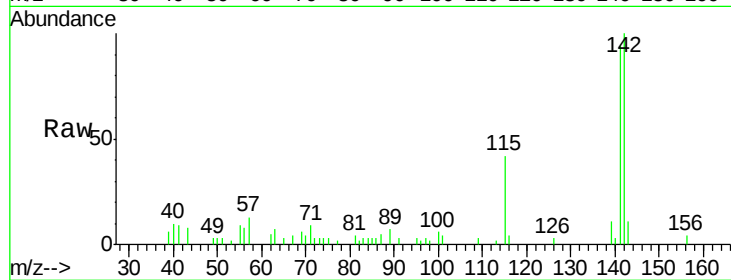
Tgt Ion:142 Resp: 22000

Ion Ratio Lower Upper

142 100

141 94.4 74.5 111.7

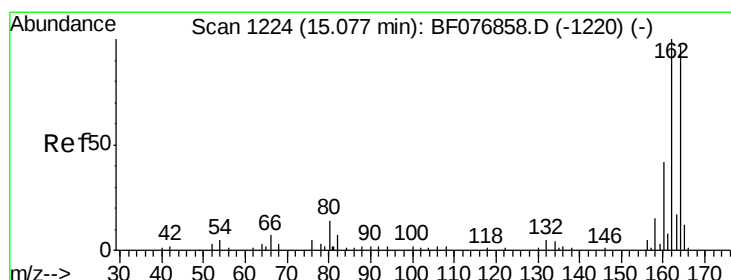
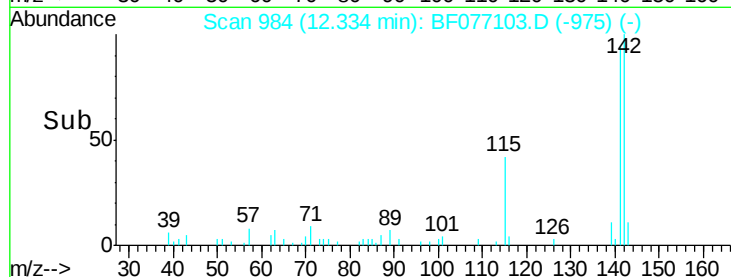
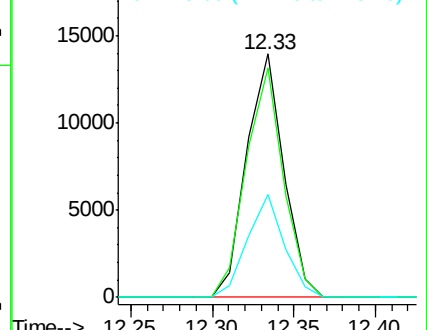
115 42.0 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

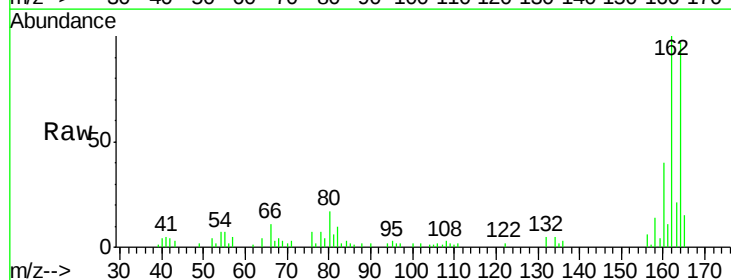
Tgt Ion:164 Resp: 49656

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

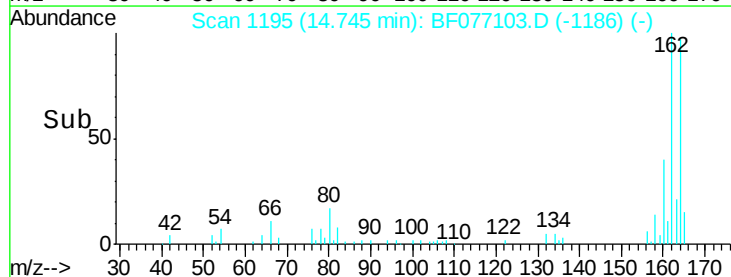
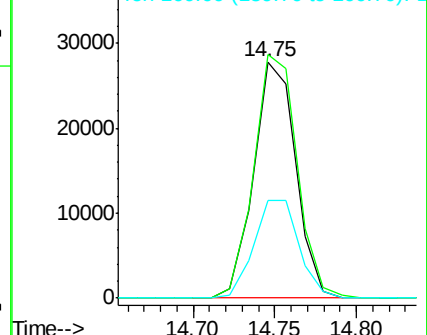
160 41.4 34.8 52.2

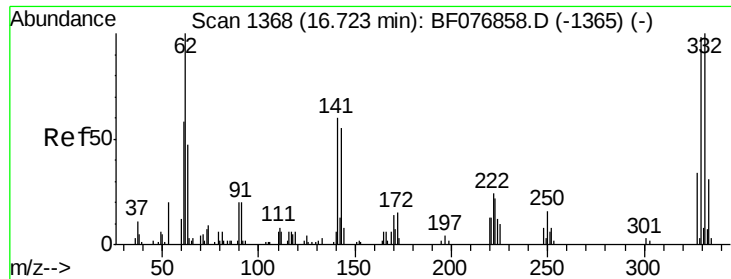


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

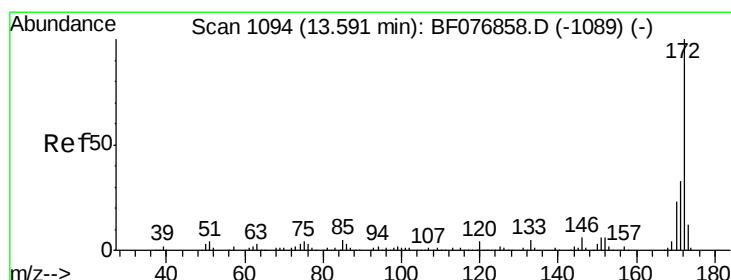
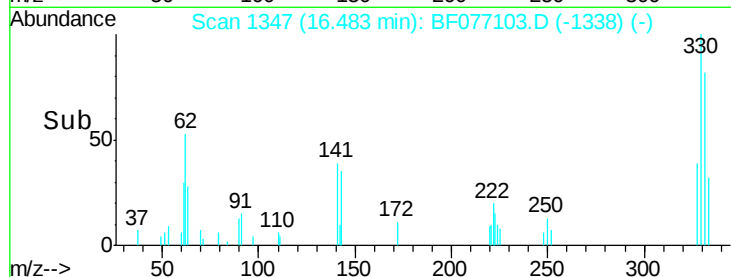
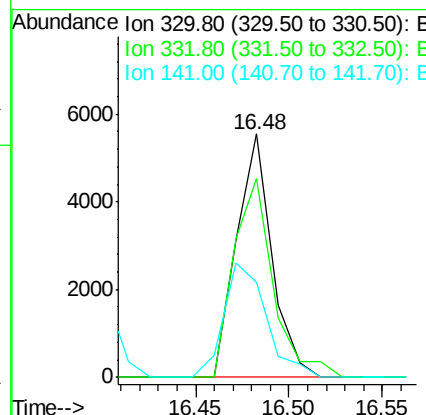
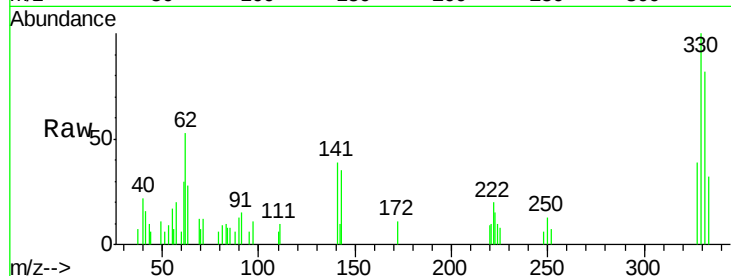




#41
 2,4,6-Tribromophenol
 Concen: 18.15 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

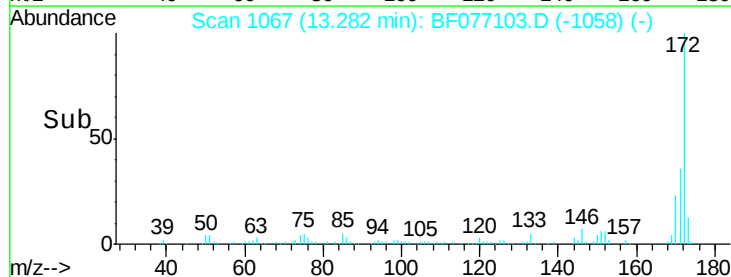
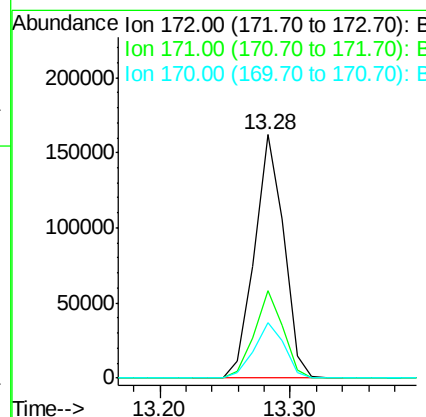
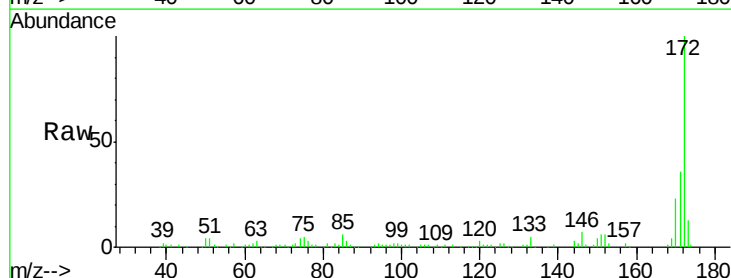
Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

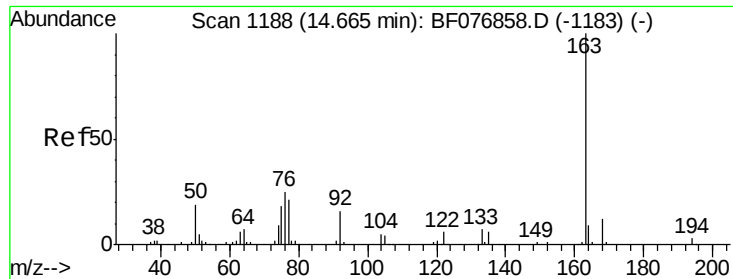
Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.8	116.6
141	56.8	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 77.83 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	40.0
170	22.8	18.0	27.0





#49

Dimethylphthalate

Concen: 2.83 ng

RT: 14.35 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

CC-5RE

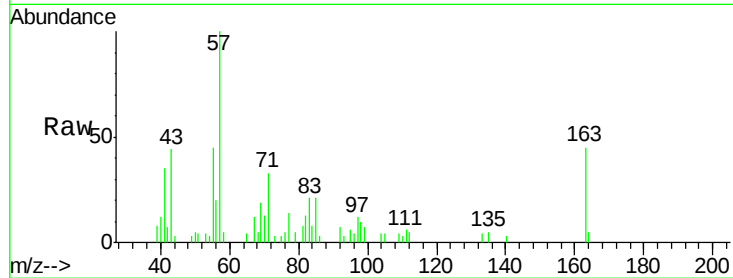
Tgt Ion:163 Resp: 9976

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

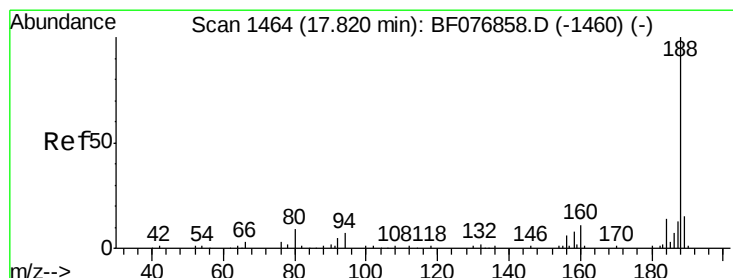
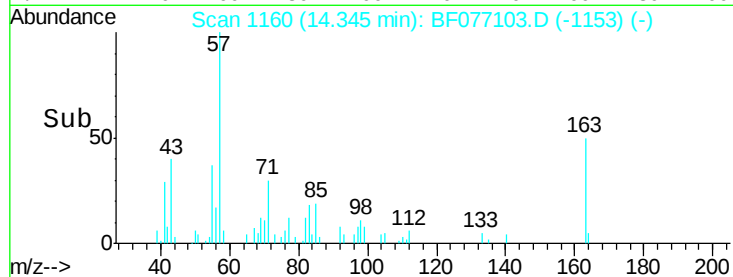
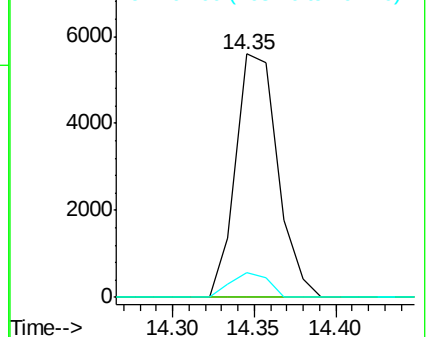
164 10.3 7.5 11.3



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

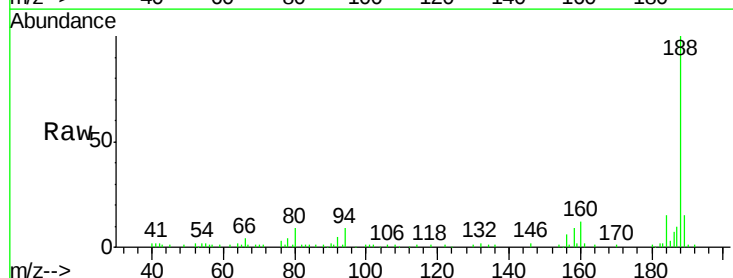
Tgt Ion:188 Resp: 90055

Ion Ratio Lower Upper

188 100

94 9.5 6.0 9.0#

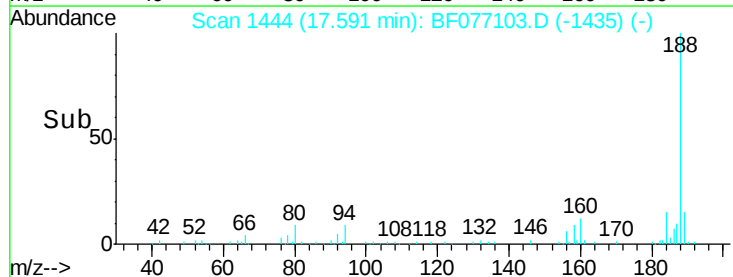
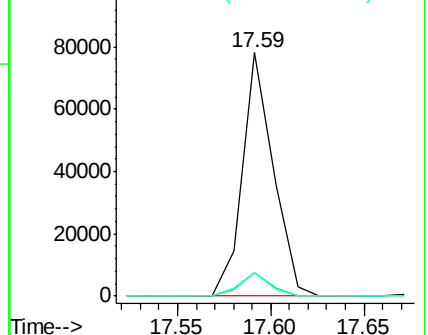
80 9.4 6.9 10.3

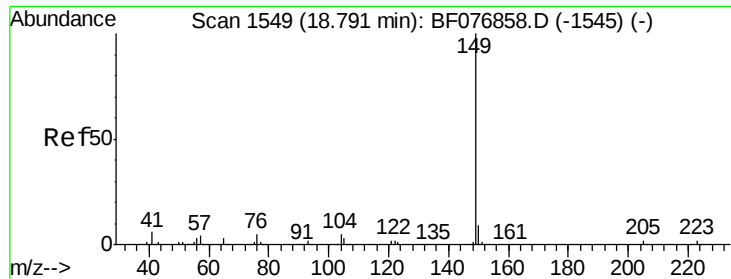


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

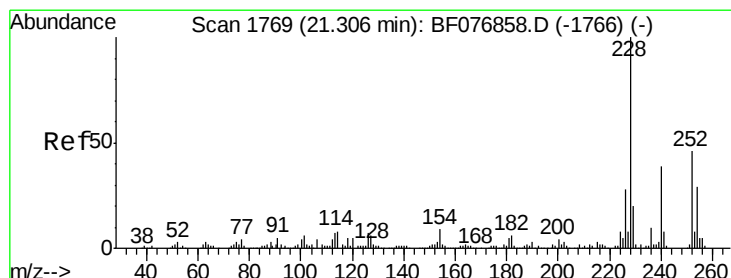
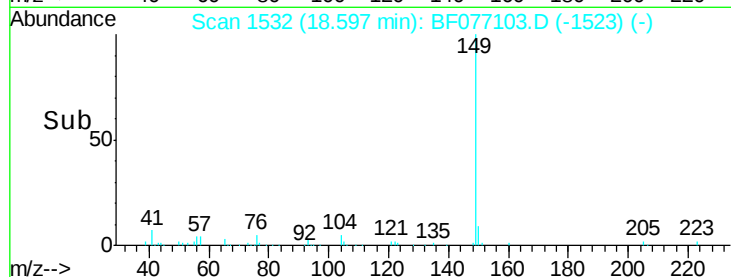
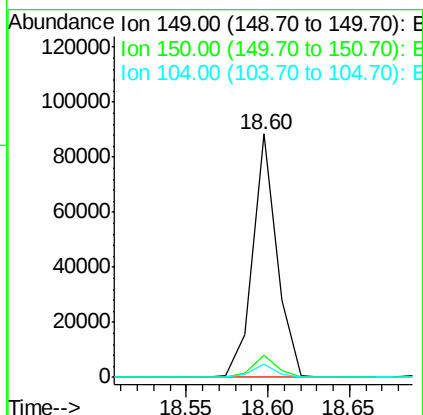
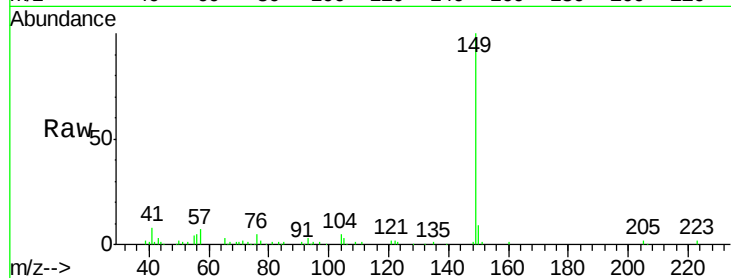




#73
Di-n-butylphthalate
Concen: 14.88 ng
RT: 18.60 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

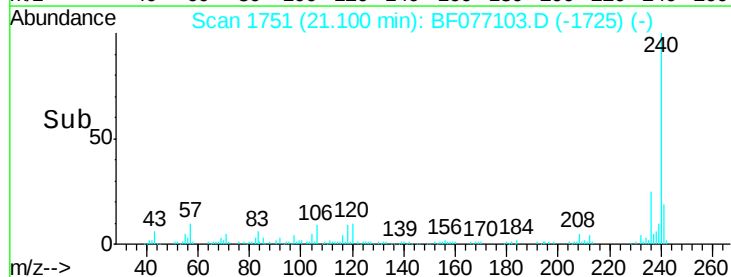
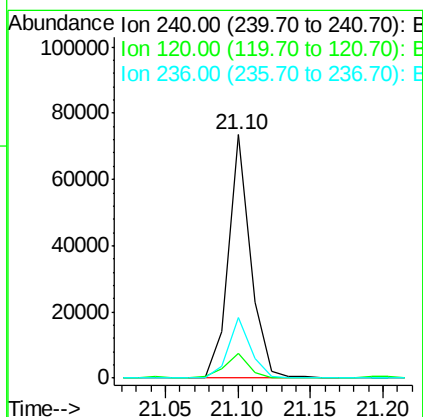
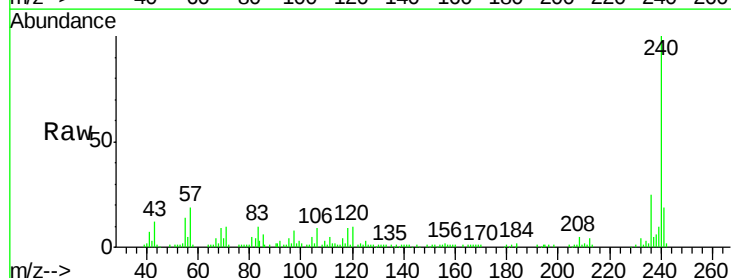
Instrument :
BNA_F
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CC-5RE

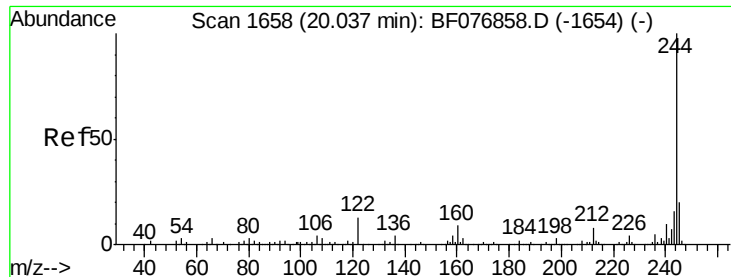
Tgt Ion:149 Resp: 91460
Ion Ratio Lower Upper
149 100
150 9.3 6.9 10.3
104 5.4 3.7 5.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:240 Resp: 77943
Ion Ratio Lower Upper
240 100
120 10.2 10.4 15.6#
236 25.0 20.2 30.2

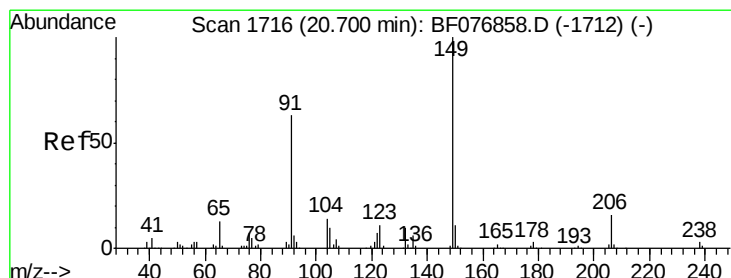
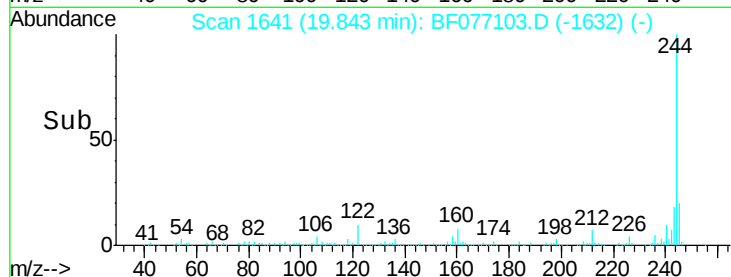
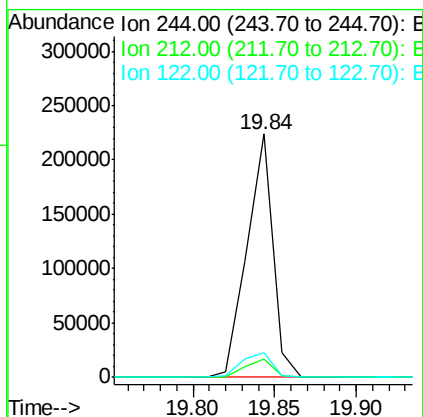
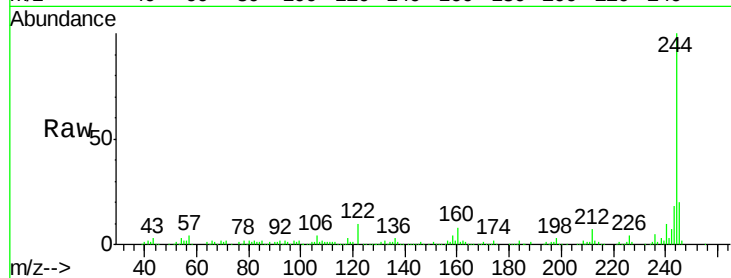




#78
 Terphenyl-d14
 Concen: 72.81 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

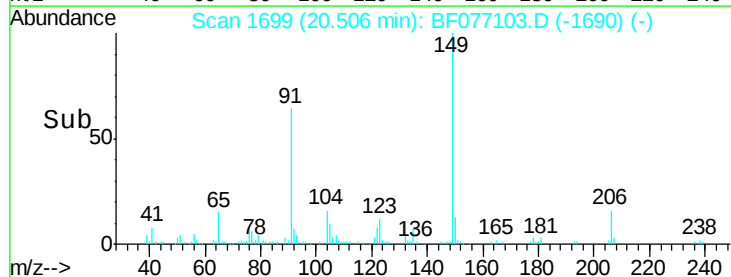
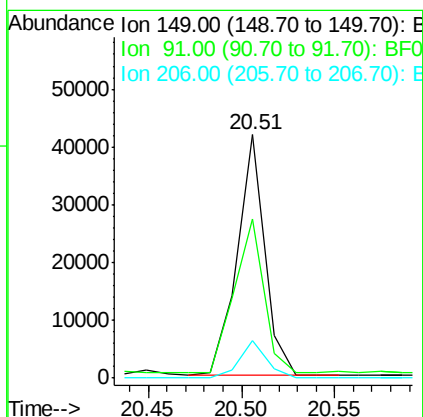
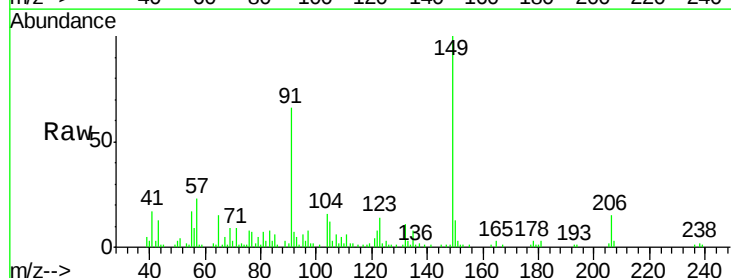
Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

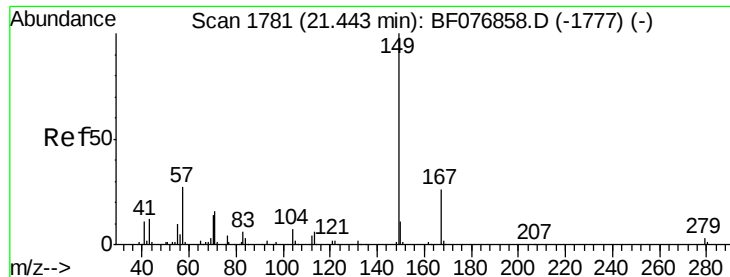
Tgt Ion: 244 Resp: 246522
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 10.1 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 17.79 ng
 RT: 20.51 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion: 149 Resp: 43044
 Ion Ratio Lower Upper
 149 100
 91 65.6 50.6 76.0
 206 15.4 12.8 19.2

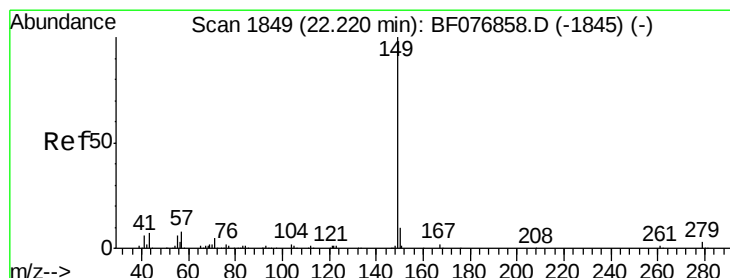
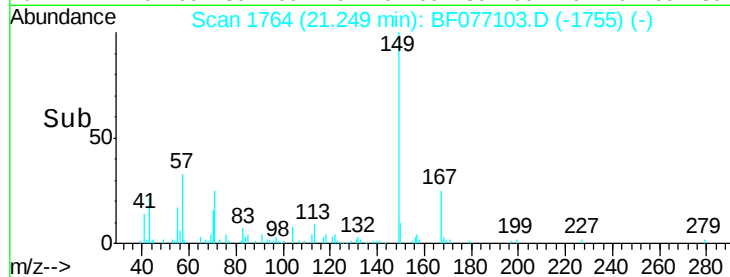
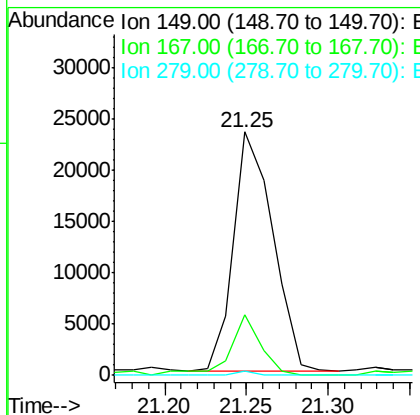
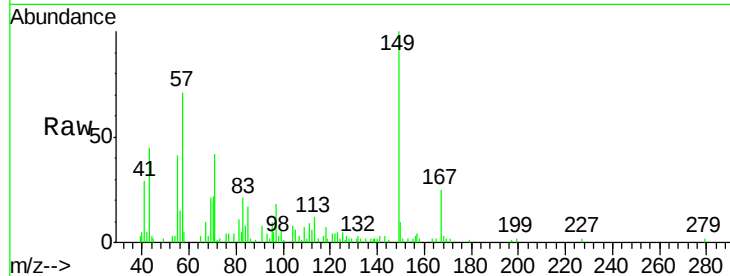




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.62 ng
 RT: 21.25 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

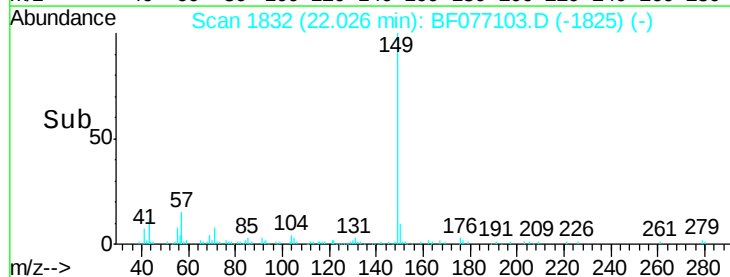
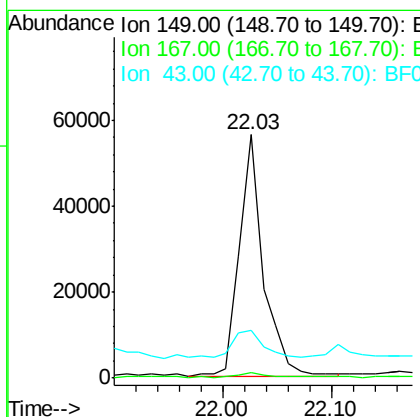
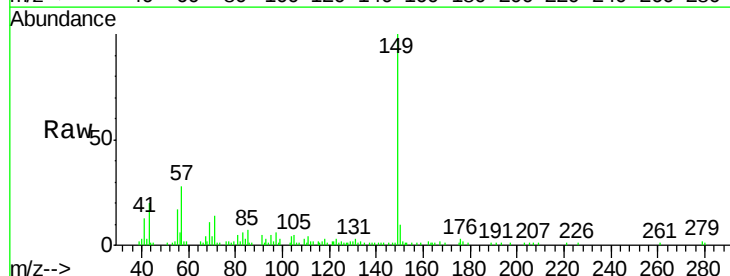
Instrument :
 BNA_F
 ClientSampleId :
 CC-5RE

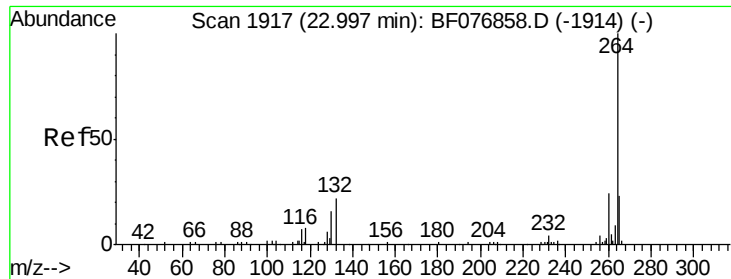
Tgt Ion:149 Resp: 38885
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.6 30.8
 279 1.7 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 14.62 ng
 RT: 22.03 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion:149 Resp: 84934
 Ion Ratio Lower Upper
 149 100
 167 3.3 1.1 1.7#
 43 14.6 6.6 10.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.78 min Scan# 1898
Delta R.T. 0.03 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Instrument :
BNA_F
ClientSampleId :
CC-5RE

Tgt Ion: 264 Resp: 71531

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	20.7	18.1	27.1

