

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078073.D
 Acq On : 28 Mar 2015 10:45
 Operator : TP/IZ
 Sample : G1677-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

Quant Time: Mar 30 02:02:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

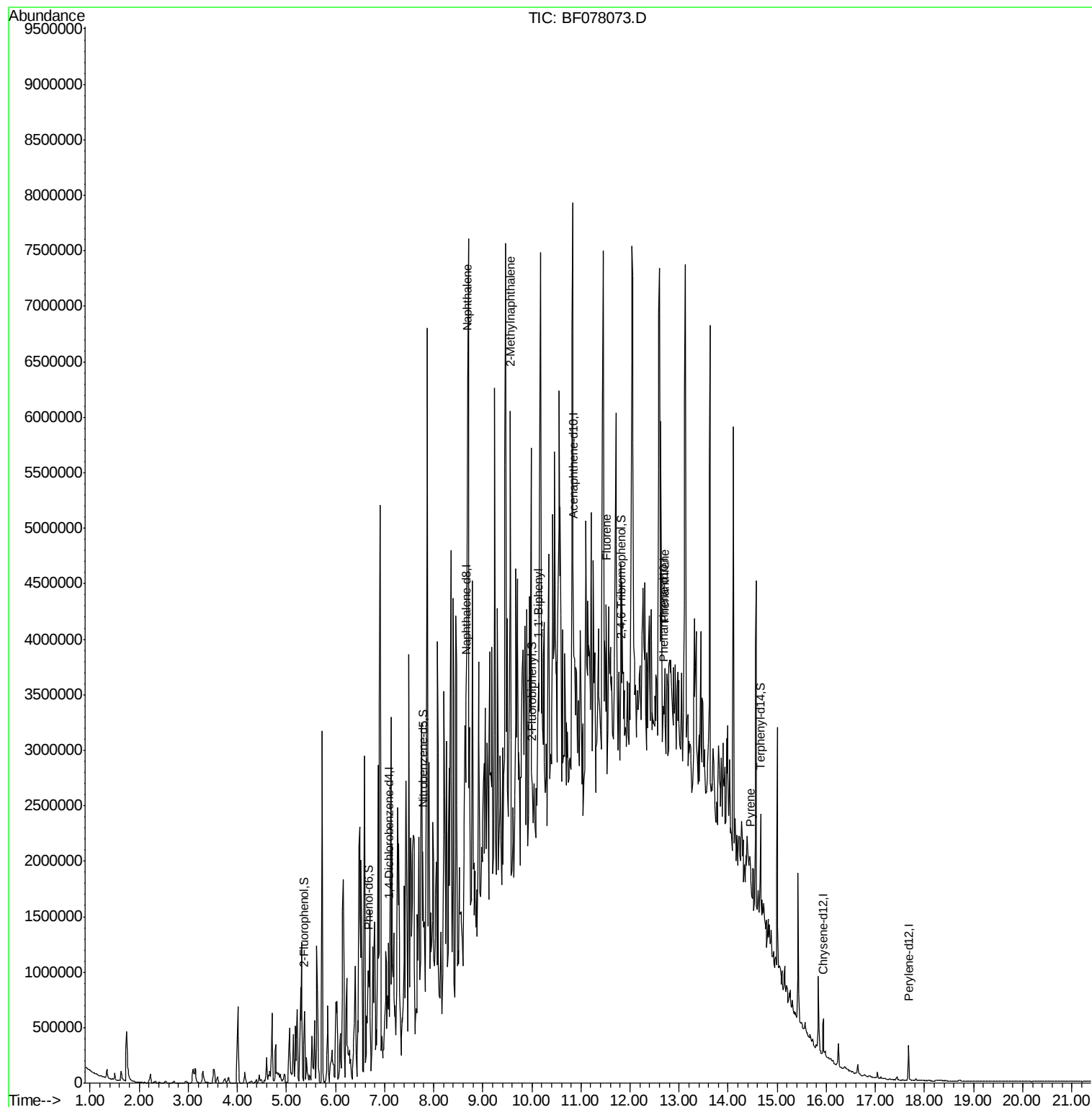
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	38037	20.00	ng	0.01
21) Naphthalene-d8	8.66	136	126750	20.00	ng	0.01
38) Acenaphthene-d10	10.84	164	48514	20.00	ng	0.02
63) Phenanthrene-d10	12.68	188	121425	20.00	ng	0.03
75) Chrysene-d12	15.94	240	167376	20.00	ng	0.01
86) Perylene-d12	17.68	264	160940	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	226083	103.75	ng	0.00
7) Phenol-d6	6.67	99	272466	101.20	ng	0.00
23) Nitrobenzene-d5	7.78	82	223087	115.37	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	51705	111.39	ng	0.02
44) 2-Fluorobiphenyl	10.01	172	304876	92.35	ng	0.01
78) Terphenyl-d14	14.66	244	362290	52.87	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.69	128	734103	112.77	ng	# 90
37) 2-Methylnaphthalene	9.56	142	1295555	296.24	ng	# 96
45) 1,1'-Biphenyl	10.13	154	369224	95.21	ng	# 99
57) Fluorene	11.52	166	222543	60.14	ng	# 88
70) Phenanthrene	12.71	178	520630	74.69	ng	# 96
77) Pyrene	14.45	202	121651	11.56	ng	# 93

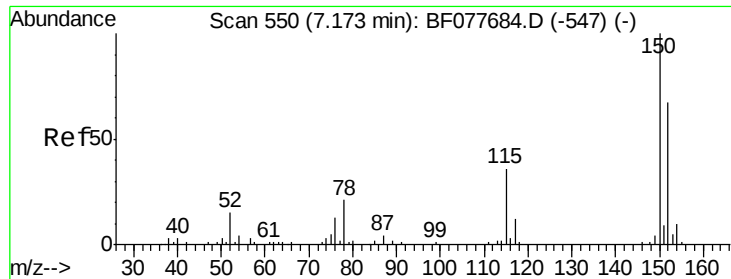
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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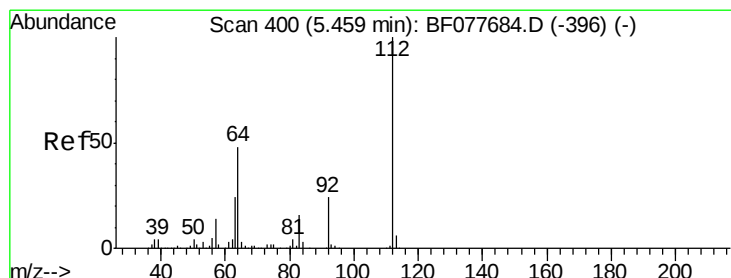
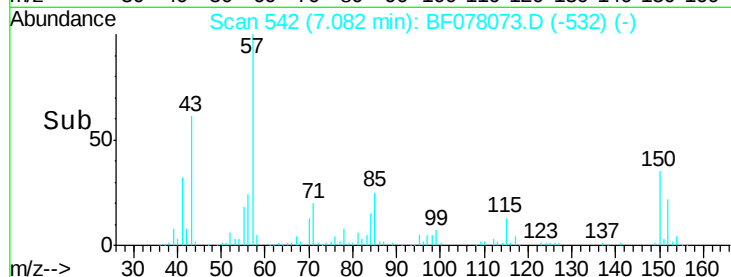
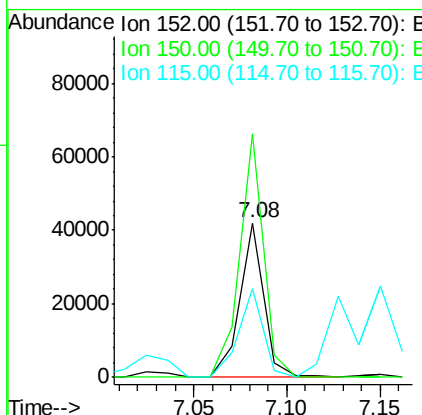
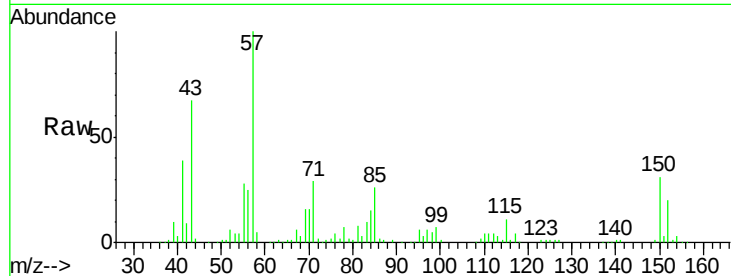


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

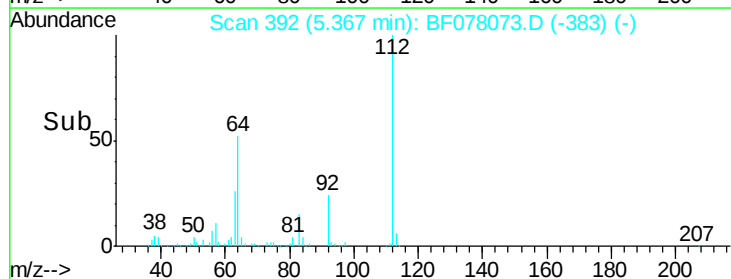
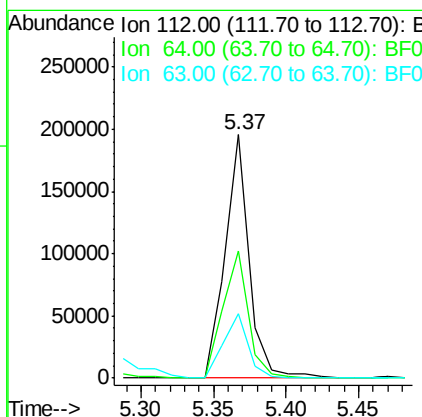
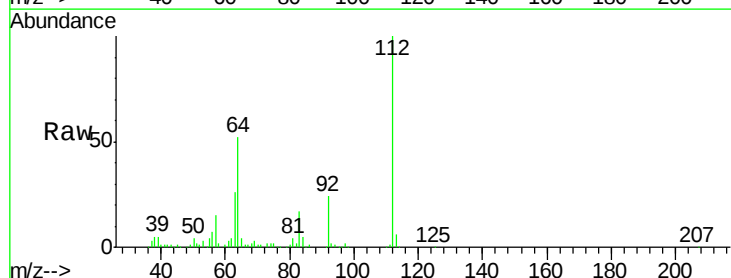
Tot Ion	152	Resp	38037
Ion Ratio	Lower	Upper	
152	100		
150	157.5	119.5	179.3
115	57.5	43.0	64.4

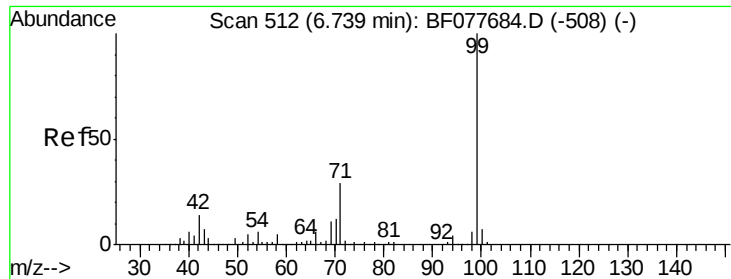


#5

2-Fluorophenol
Concen: 103.75 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion	112	Resp	226083
Ion Ratio	Lower	Upper	
112	100		
64	52.0	38.6	57.8
63	26.5	19.3	28.9





#7

Phenol-d6

Concen: 101.20 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078073.D

Acq: 28 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

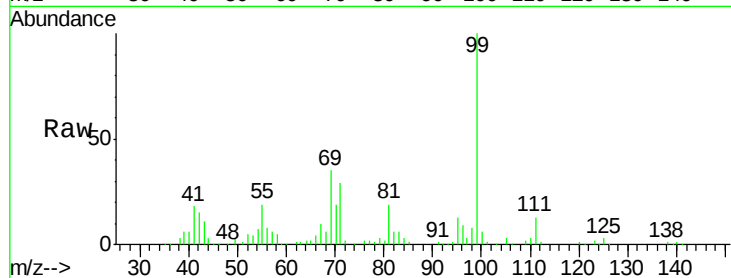
Tot Ion: 99 Resp: 272466

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

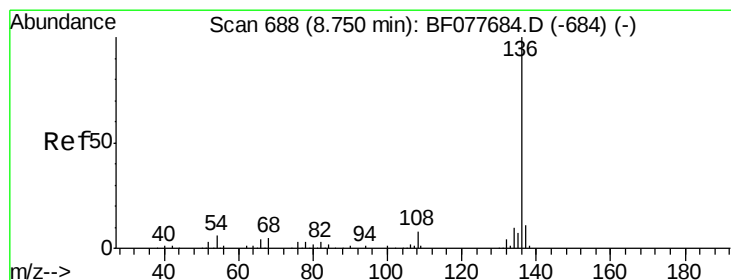
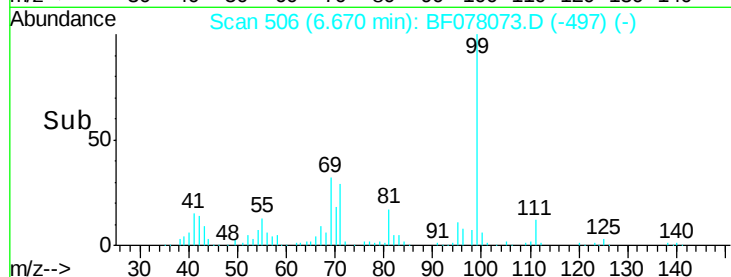
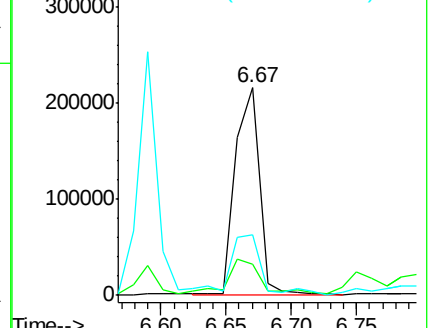
71 29.3 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF078073.D

Acq: 28 Mar 2015 10:45

Tgt Ion:136 Resp: 126750

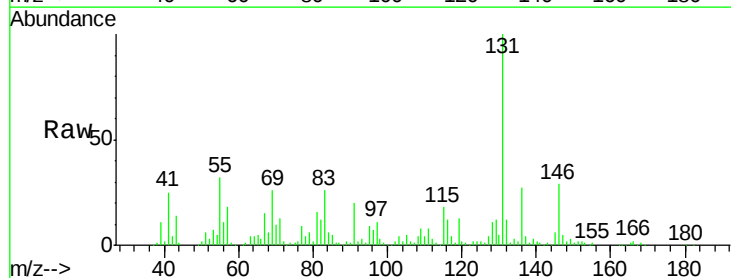
Ion Ratio Lower Upper

136 100

137 16.0 8.7 13.1#

54 19.2 4.6 6.8#

68 20.3 3.7 5.5#

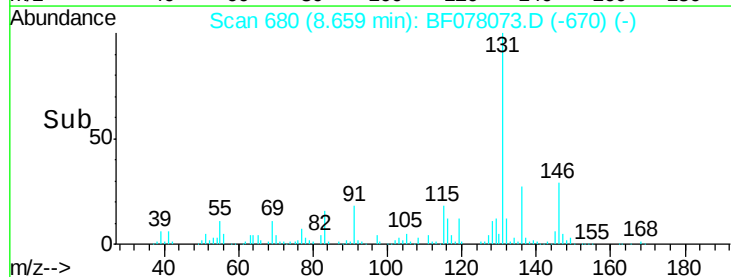
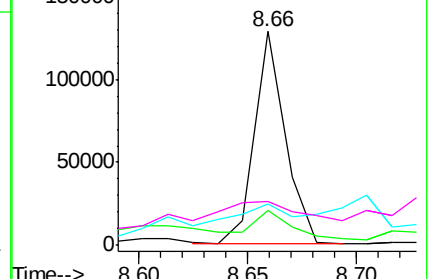


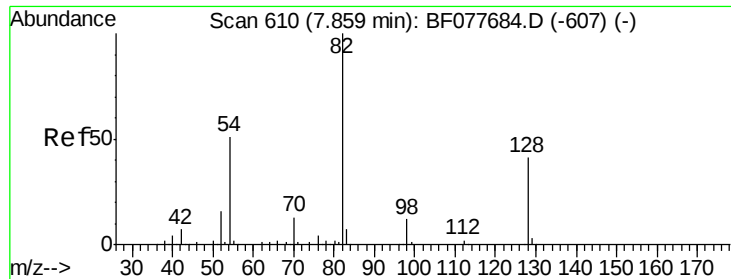
Abundance Ion 136.00 (135.70 to 136.70): E

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

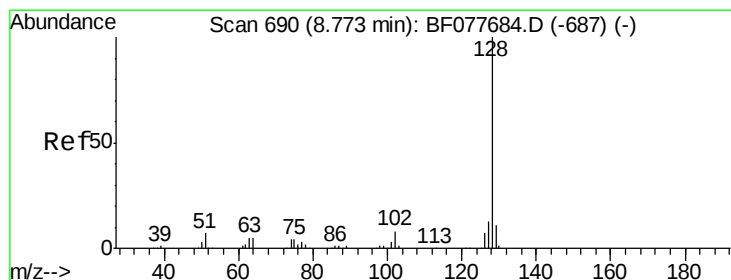
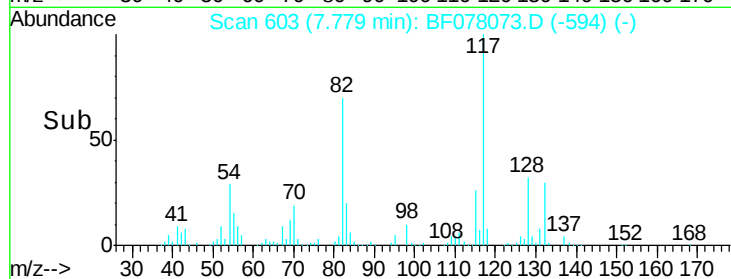
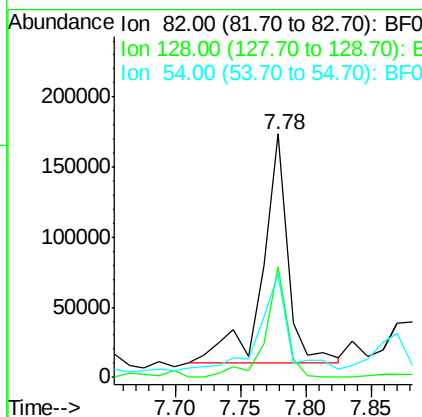
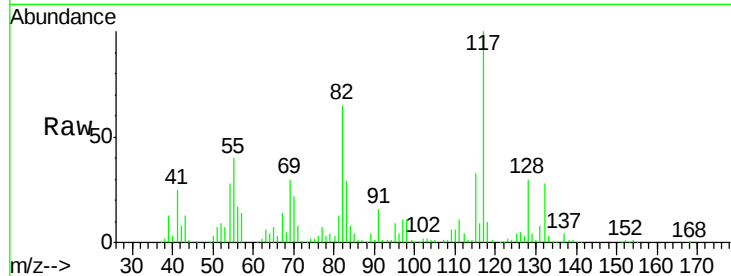




#23
 Nitrobenzene-d5
 Concen: 115.37 ng
 RT: 7.78 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

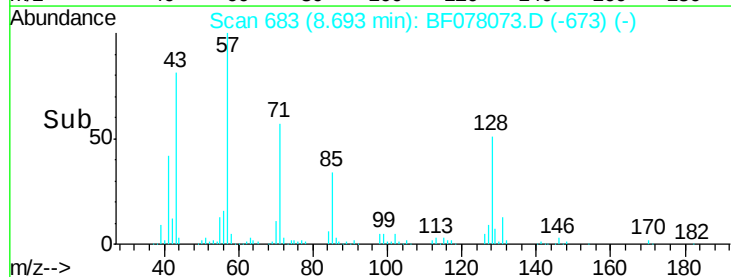
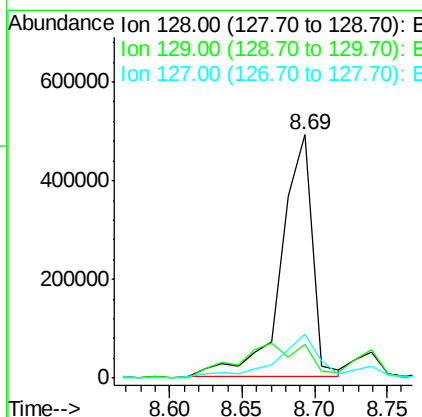
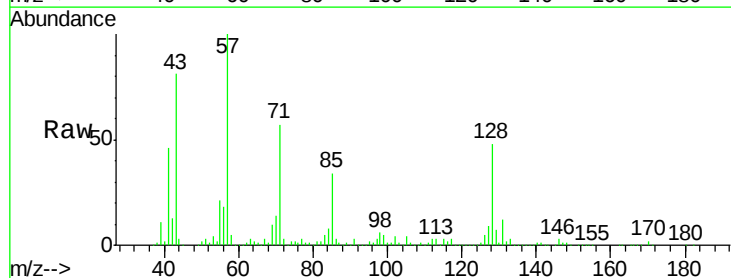
Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

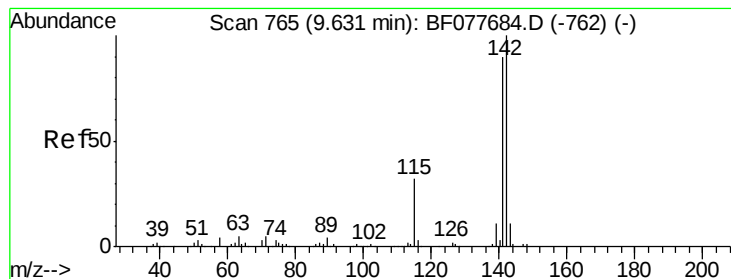
Tot Ion	82	Resp	223087
Ion Ratio	Lower	Upper	
82	100		
128	45.6	32.8	49.2
54	42.2	40.6	60.8



#31
 Naphthalene
 Concen: 112.77 ng
 RT: 8.69 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

Tgt Ion	128	Resp	734103
Ion Ratio	Lower	Upper	
128	100		
129	13.8	8.9	13.3#
127	17.8	10.4	15.6#

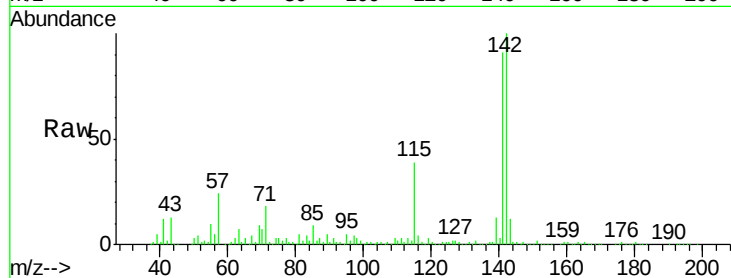




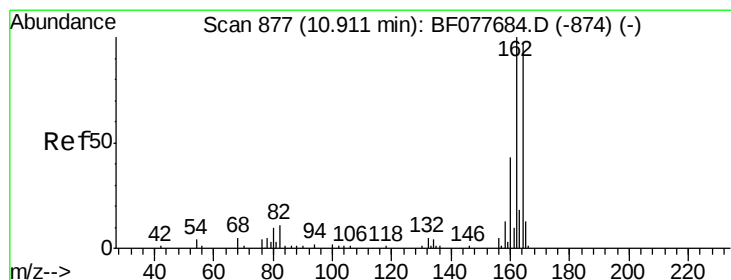
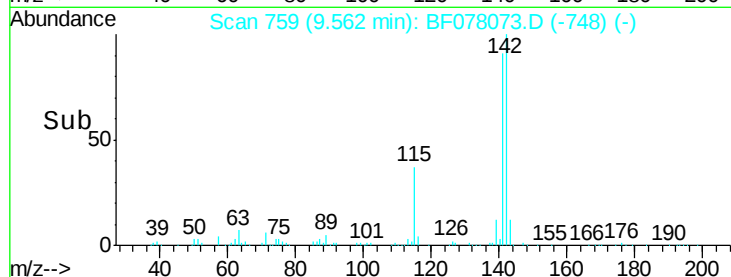
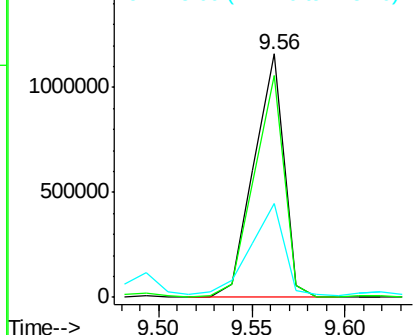
#37
2-Methylnaphthalene
Concen: 296.24 ng
RT: 9.56 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tot Ion:142 Resp: 1295555
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
115 38.5 25.4 38.0#

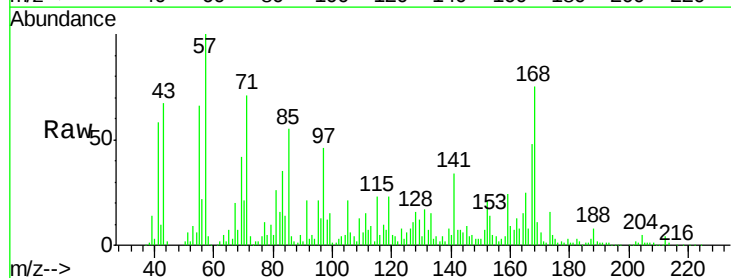


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

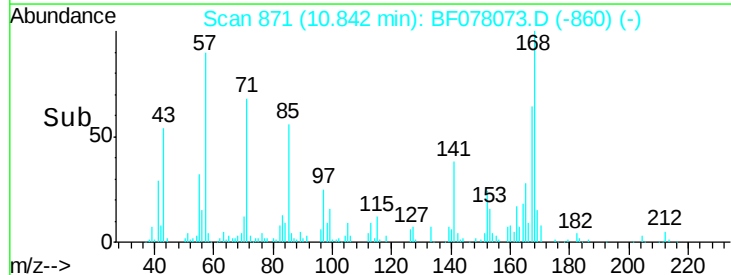
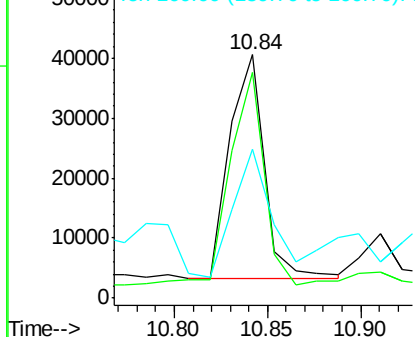


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.02 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:164 Resp: 48514
Ion Ratio Lower Upper
164 100
162 92.7 82.4 123.6
160 61.3 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

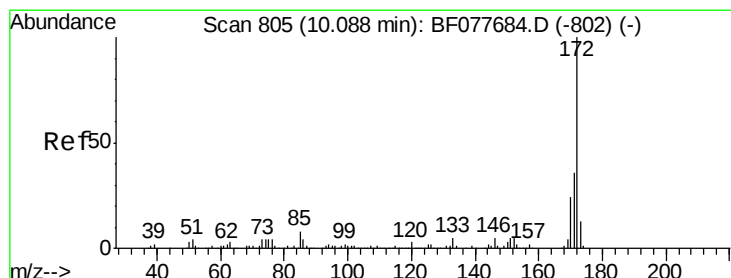
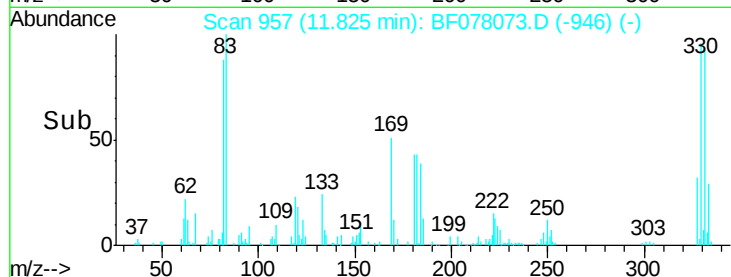
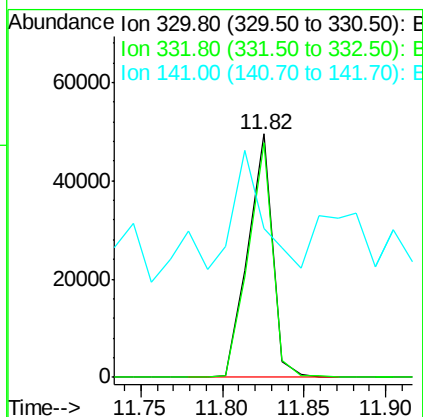
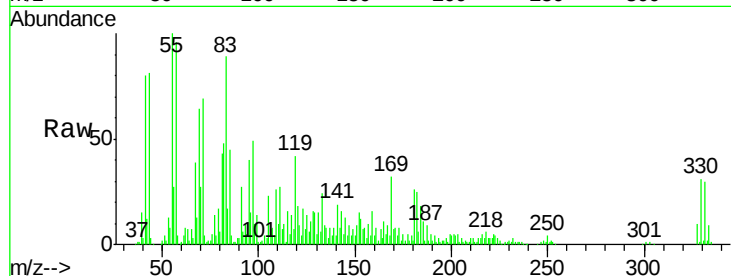




#41
 2,4,6-Tribromophenol
 Concen: 111.39 ng
 RT: 11.82 min Scan# 957
 Delta R.T. 0.02 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

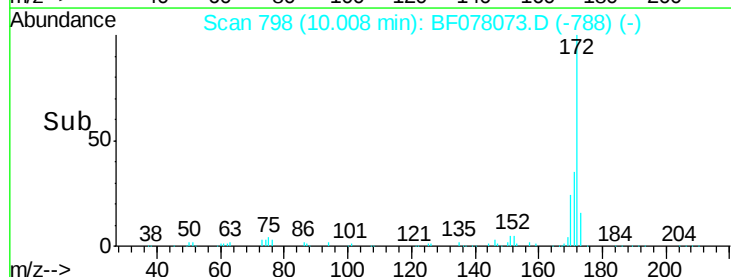
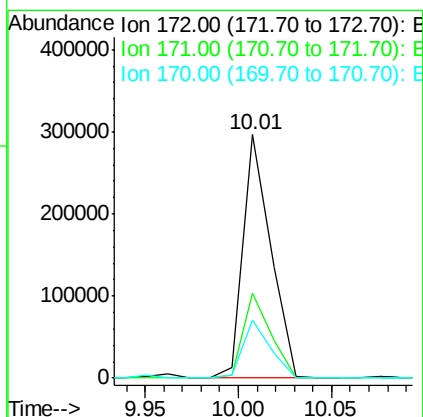
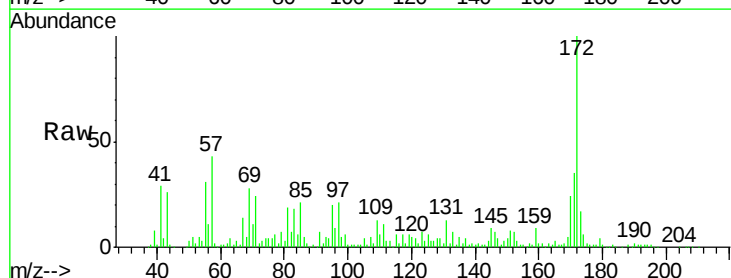
Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

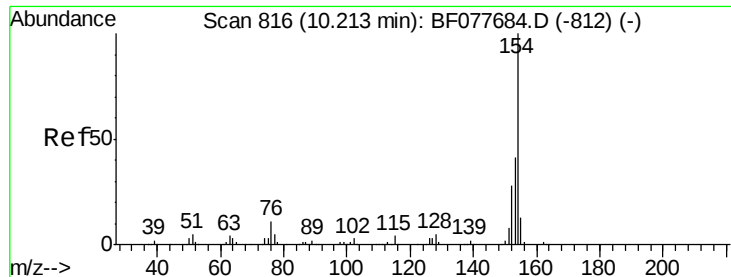
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	95.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 10.01 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.8	18.8	28.2

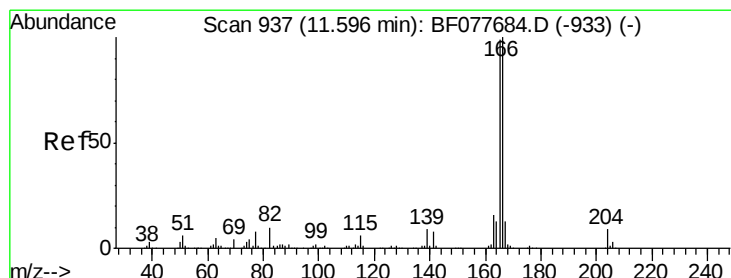
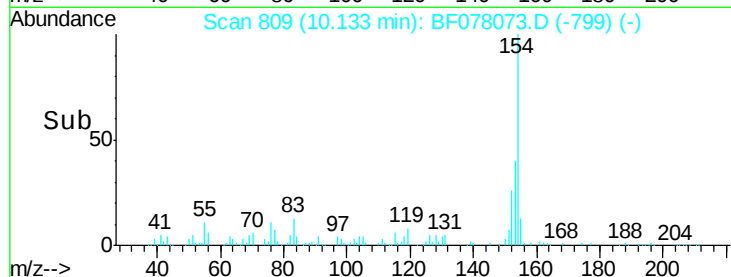
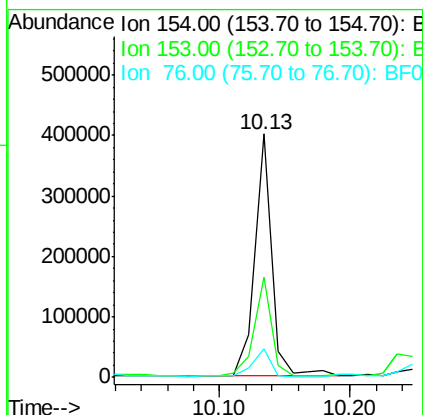
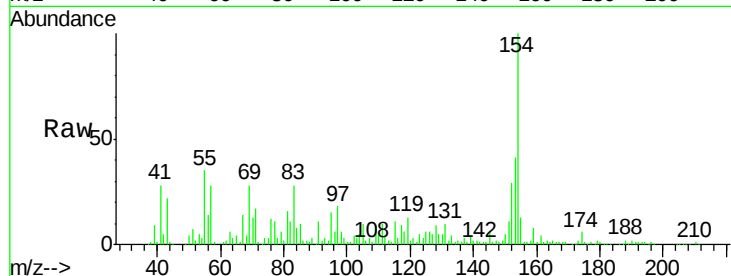




#45
1,1'-Biphenyl
Concen: 95.21 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

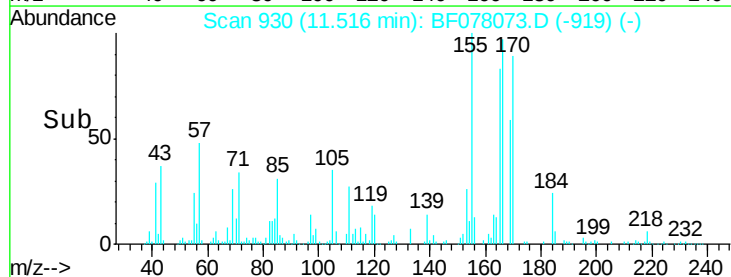
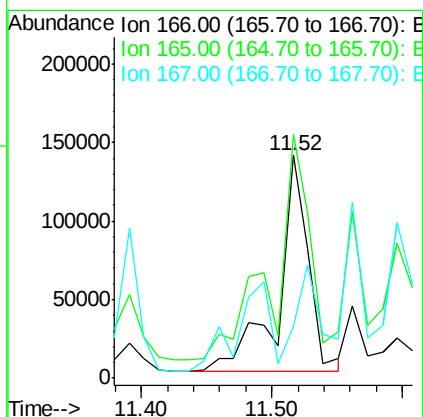
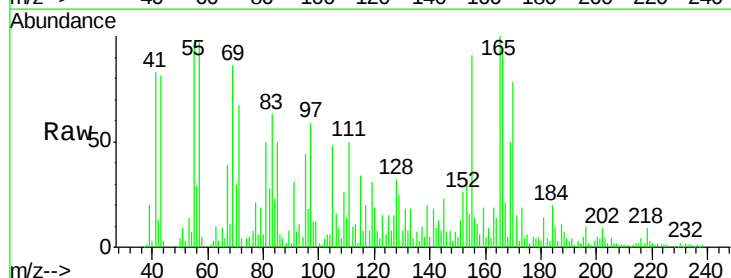
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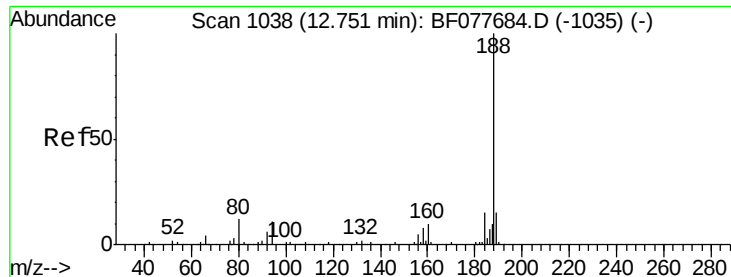
Tot Ion:154 Resp: 369224
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.0 0.0 30.9



#57
Fluorene
Concen: 60.14 ng
RT: 11.52 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:166 Resp: 222543
Ion Ratio Lower Upper
166 100
165 109.2 79.0 118.4
167 23.1 10.3 15.5#

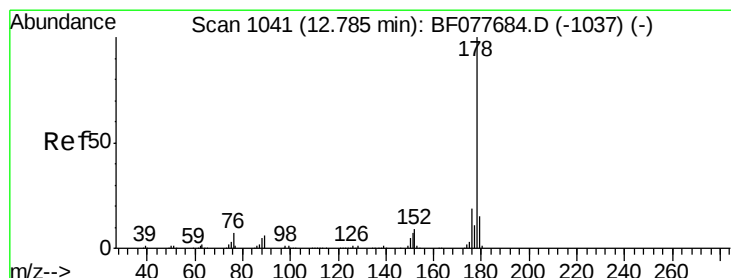
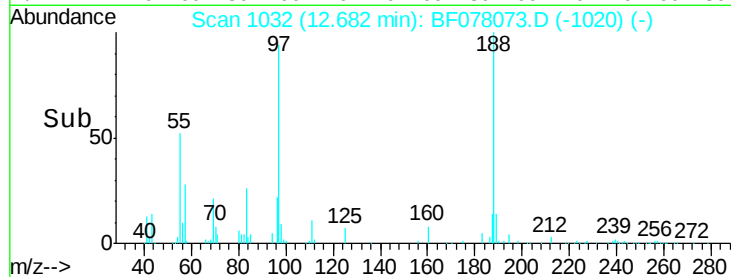
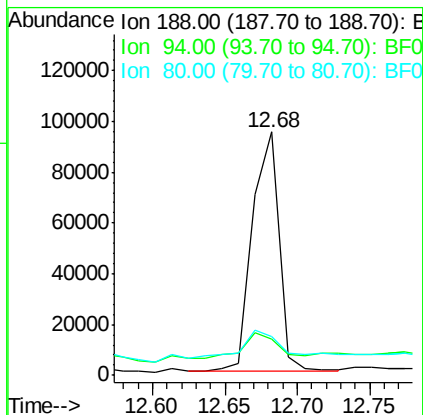
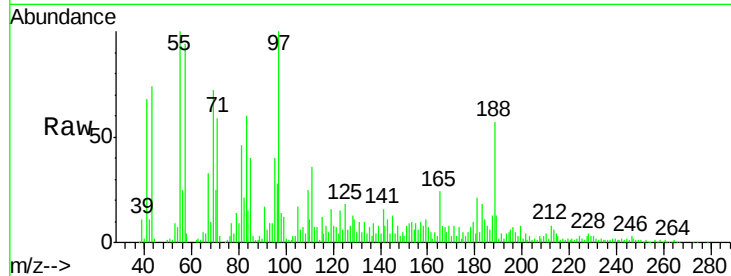




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.03 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

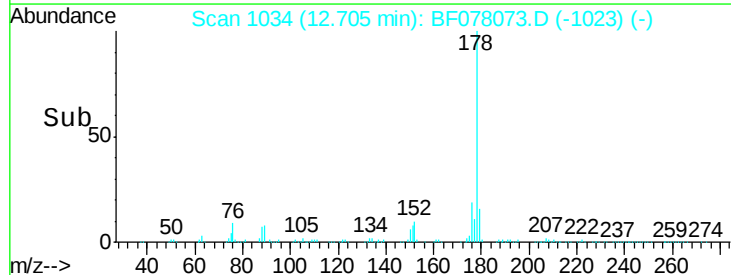
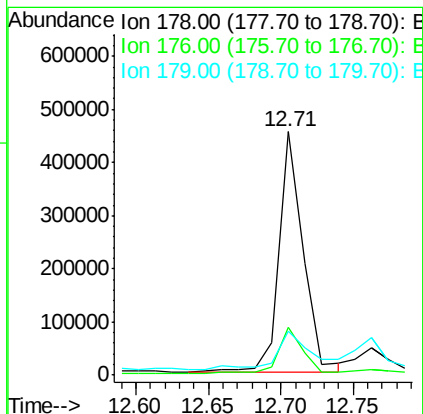
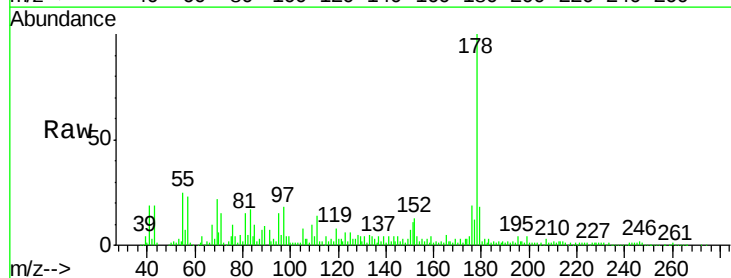
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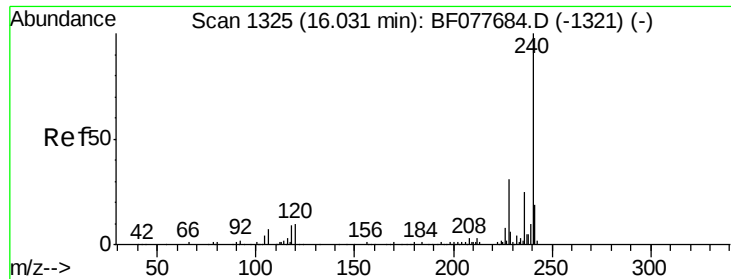
Tot Ion:188 Resp: 121425
Ion Ratio Lower Upper
188 100
94 15.1 8.7 13.1#
80 16.0 9.3 13.9#



#70
Phenanthrene
Concen: 74.69 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:178 Resp: 520630
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 18.3 12.1 18.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.94 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF078073.D

Acq: 28 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

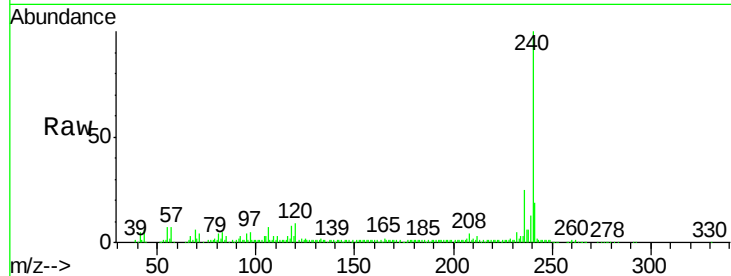
Tot Ion:240 Resp: 167376

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

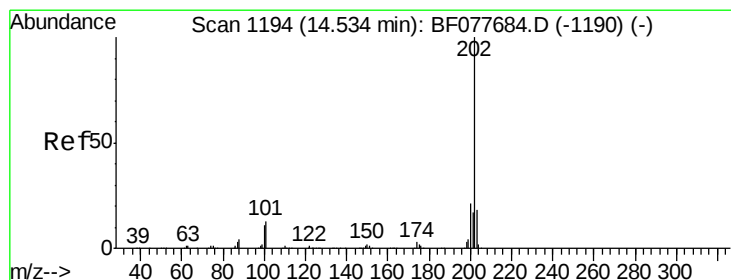
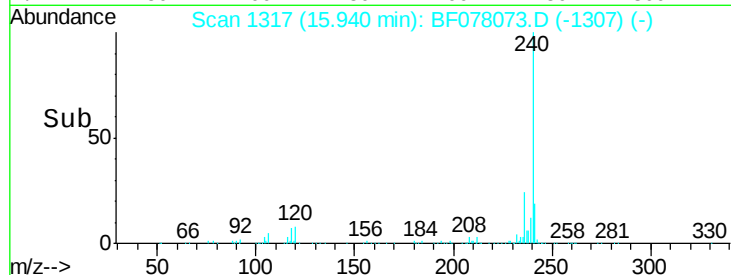
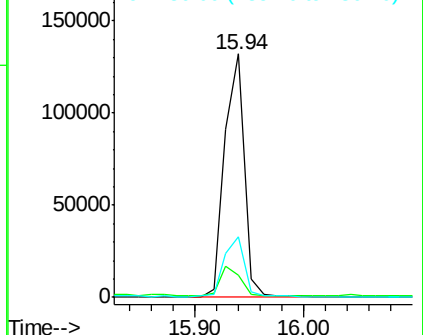
236 24.7 20.0 30.0



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



#77

Pyrene

Concen: 11.56 ng

RT: 14.45 min Scan# 1187

Delta R.T. 0.02 min

Lab File: BF078073.D

Acq: 28 Mar 2015 10:45

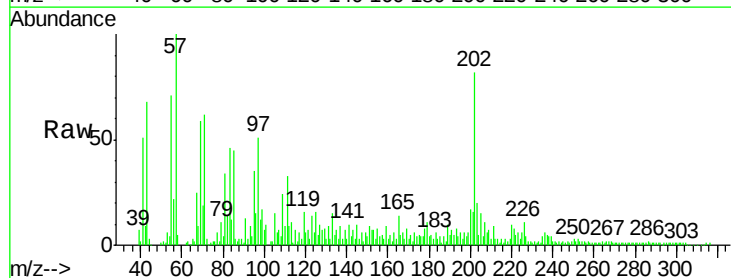
Tgt Ion:202 Resp: 121651

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

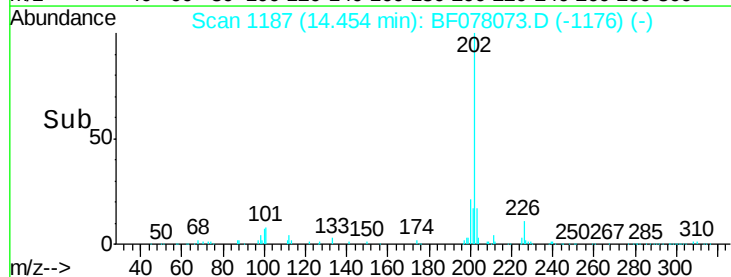
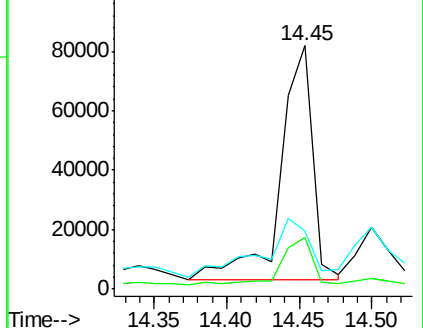
203 24.1 14.1 21.1#

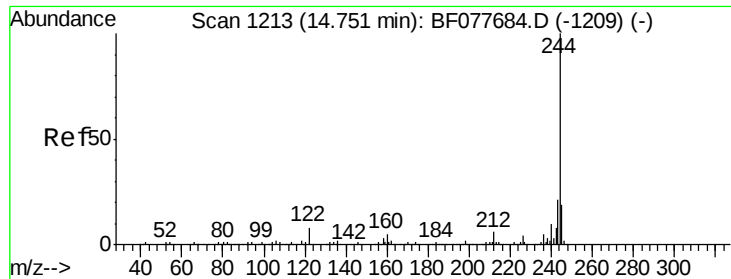


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

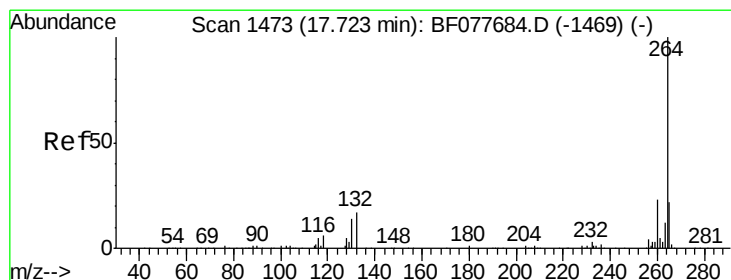
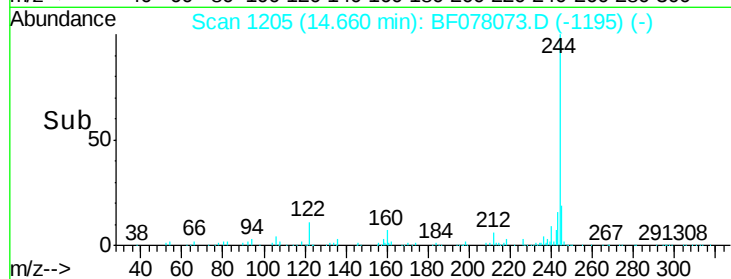
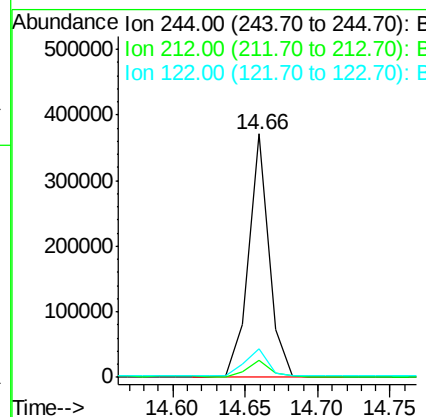
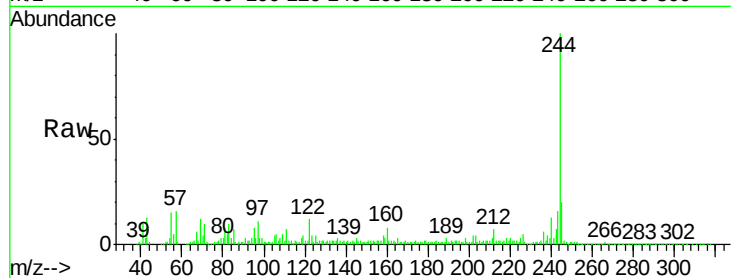




#78
 Terphenyl-d14
 Concen: 52.87 ng
 RT: 14.66 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	11.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.05 min
 Lab File: BF078073.D
 Acq: 28 Mar 2015 10:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	20.9	17.3	25.9

