

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077784.D
 Acq On : 17 Mar 2015 21:11
 Operator : TP/IZ
 Sample : G1544-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10

Quant Time: Mar 18 00:11:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

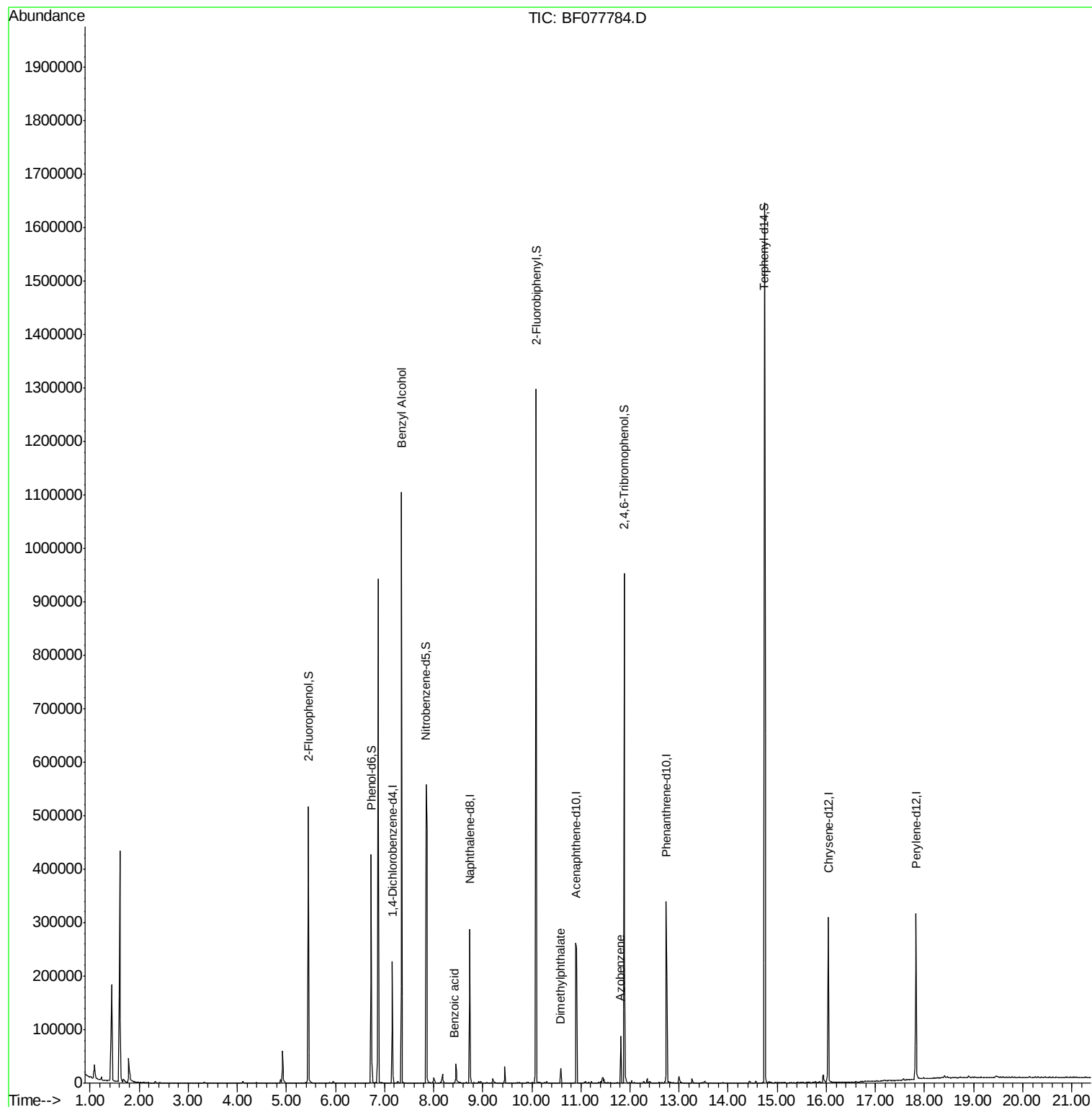
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41461	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	164152	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	80285	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	159900	20.00	ng	-0.01
75) Chrysene-d12	16.04	240	171246	20.00	ng	0.01
86) Perylene-d12	17.83	264	168036	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	207530	87.37	ng	0.00
7) Phenol-d6	6.73	99	176021	59.98	ng	0.00
23) Nitrobenzene-d5	7.85	82	258486	103.22	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	110059	143.28	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	583164	106.75	ng	0.00
78) Terphenyl-d14	14.74	244	625109	89.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.34	79	4626	2.02	ng	# 47
32) Benzoic acid	8.42	122	211	3.24	ng	# 1
49) Dimethylphthalate	10.59	163	13303	2.23	ng	96
62) Azobenzene	11.80	77	22586	4.07	ng	# 1

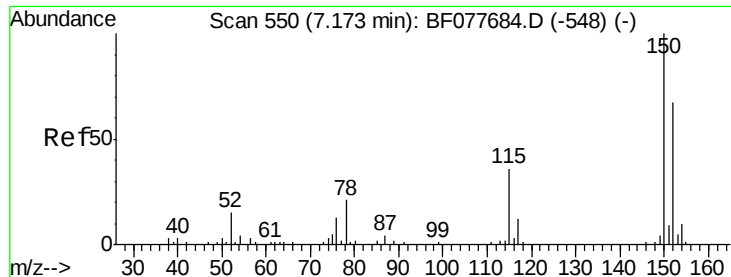
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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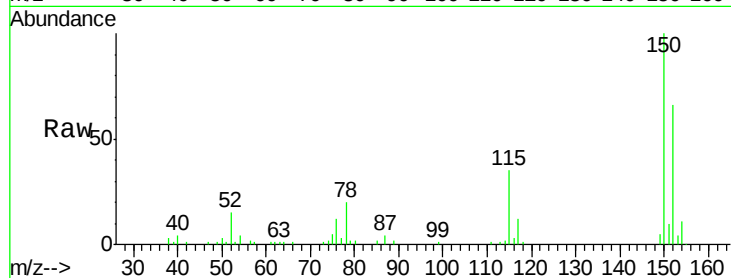


#1

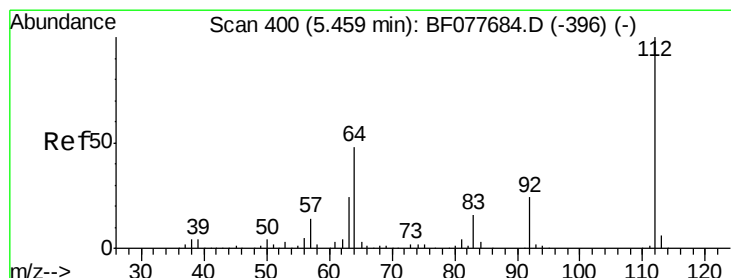
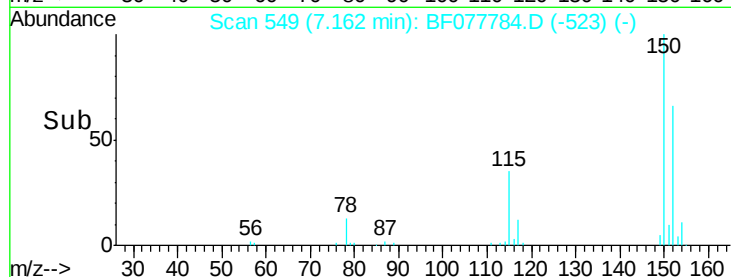
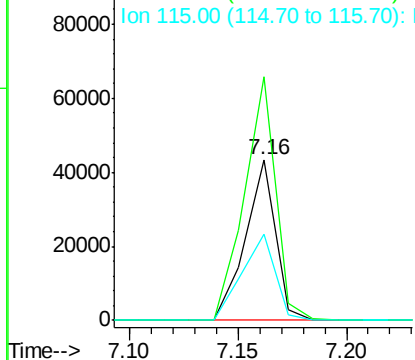
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:152 Resp: 41461
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 53.7 43.0 64.4



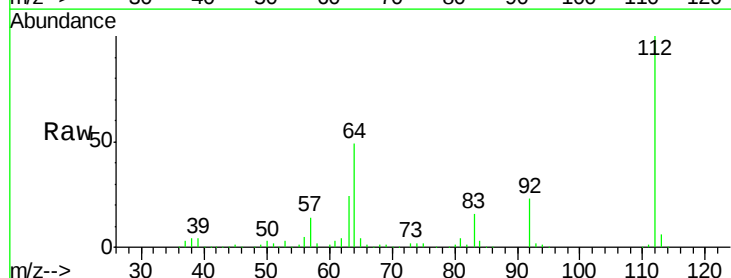
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



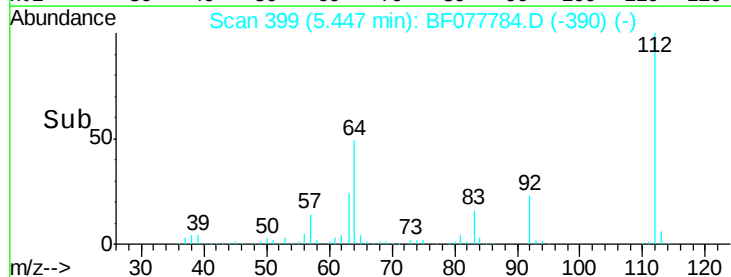
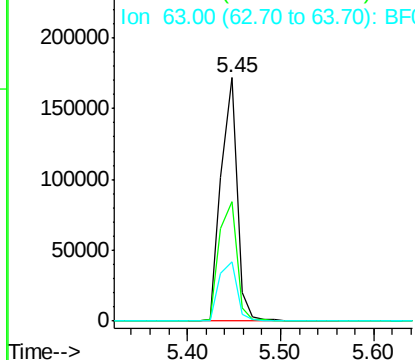
#5

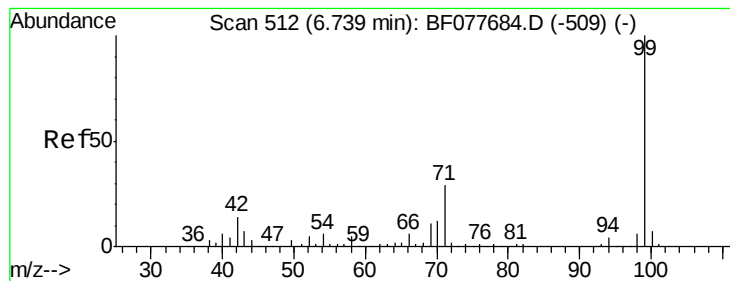
2-Fluorophenol
Concen: 87.37 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Tgt Ion:112 Resp: 207530
Ion Ratio Lower Upper
112 100
64 48.9 38.6 57.8
63 24.5 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: 59.98 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077784.D

Acq: 17 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

TW-10

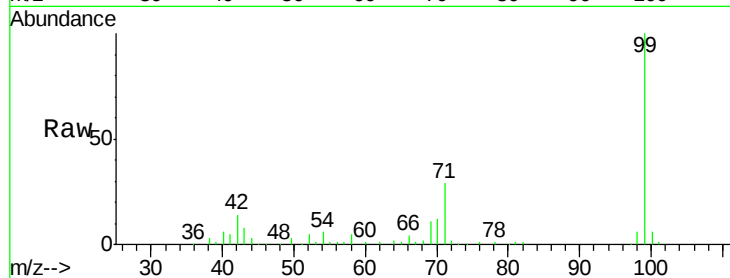
Tgt Ion: 99 Resp: 176021

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

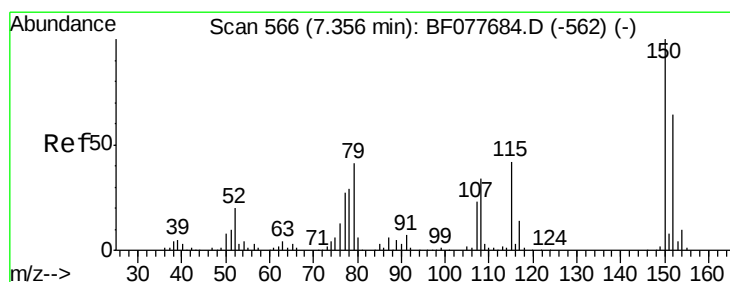
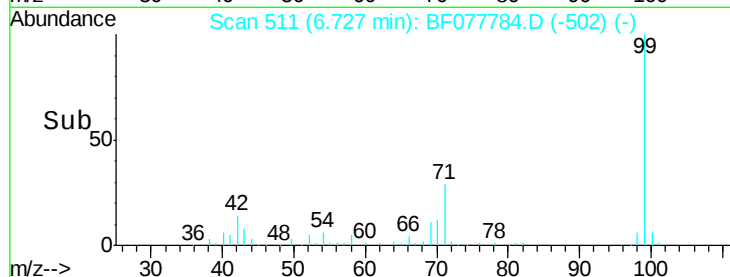
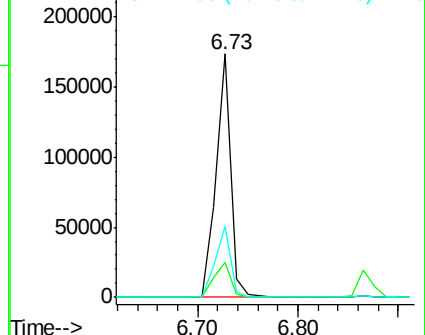
71 29.1 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF077784.D

Acq: 17 Mar 2015 21:11

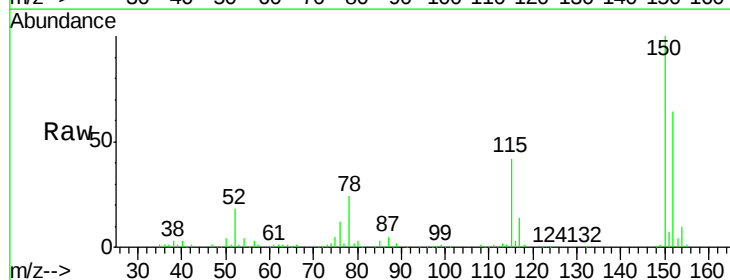
Tgt Ion: 79 Resp: 4626

Ion Ratio Lower Upper

79 100

108 32.1 65.0 97.4#

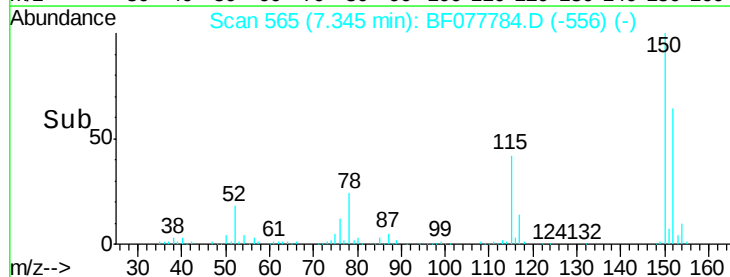
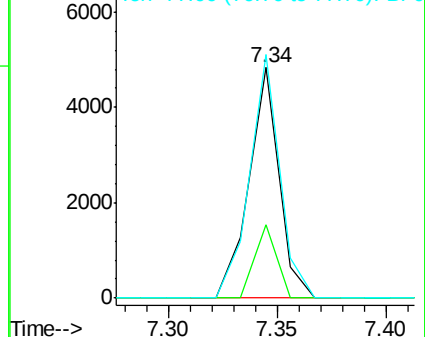
77 105.6 53.0 79.6#

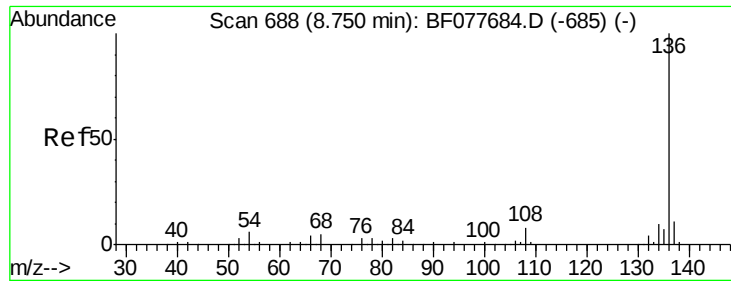


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

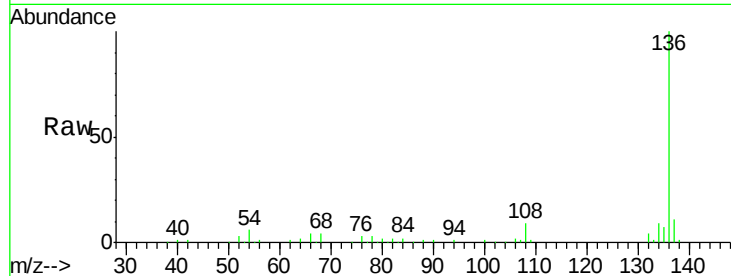




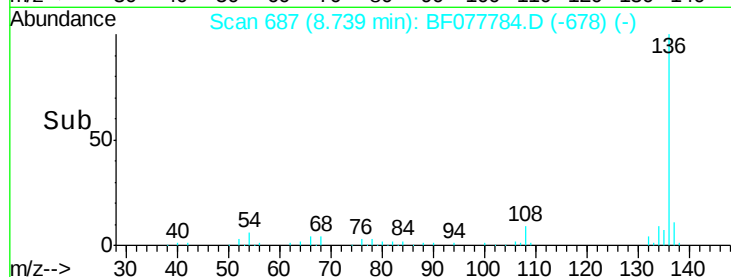
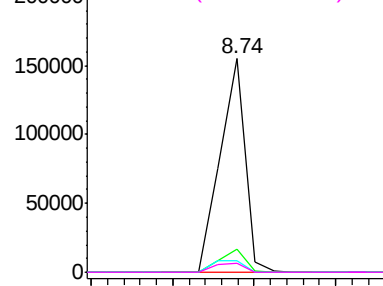
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Instrument :
BNA_F
ClientSampleId :
TW-10

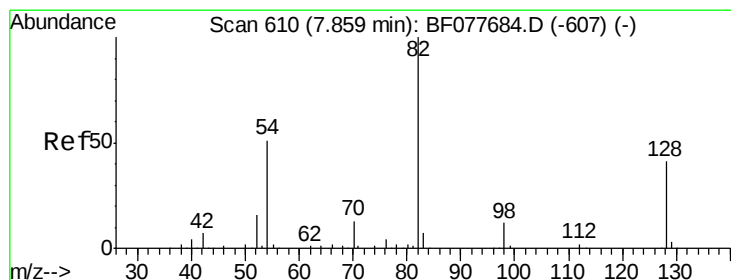
Tgt Ion:	136	Resp:	164152
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.7	4.6	6.8
68	4.4	3.7	5.5



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

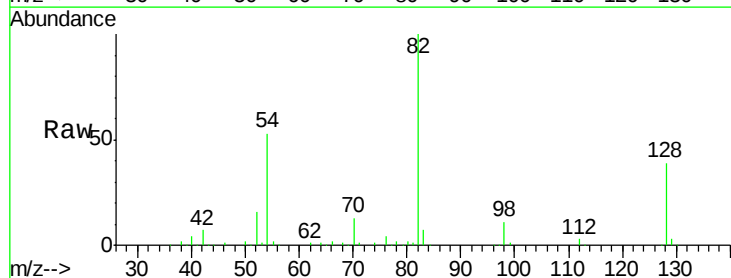


Time-->

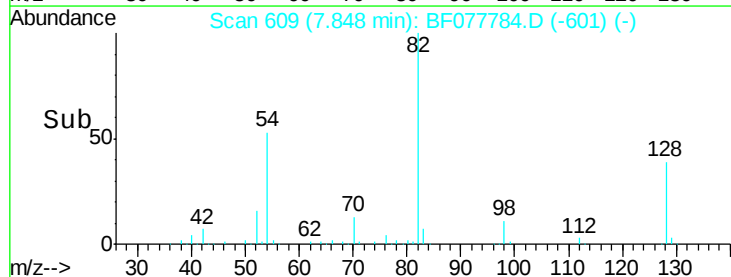
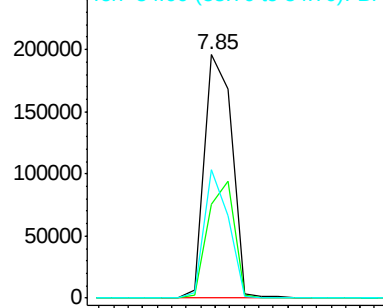


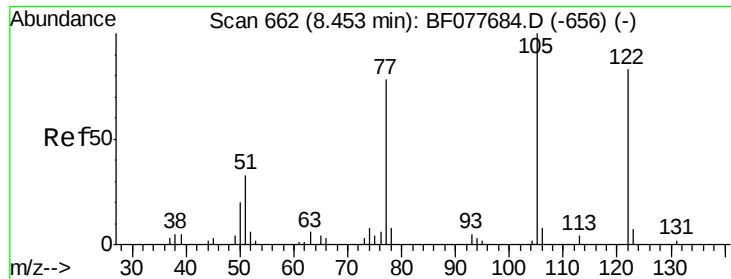
#23
Nitrobenzene-d5
Concen: 103.22 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Tgt Ion:	82	Resp:	258486
Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.8	49.2
54	52.7	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





#32

Benzoic acid

Concen: 3.24 ng

RT: 8.42 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF077784.D

Acq: 17 Mar 2015 21:11

Instrument :

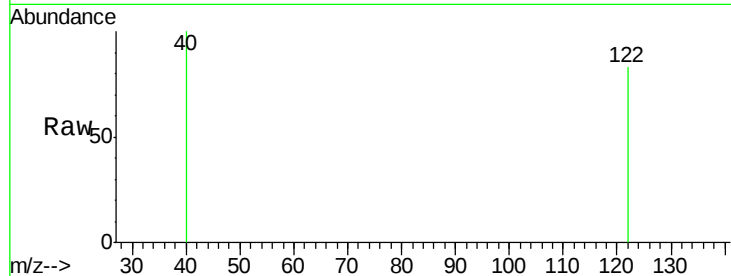
BNA_F

ClientSampleId :

TW-10

Tgt Ion:122 Resp: 211

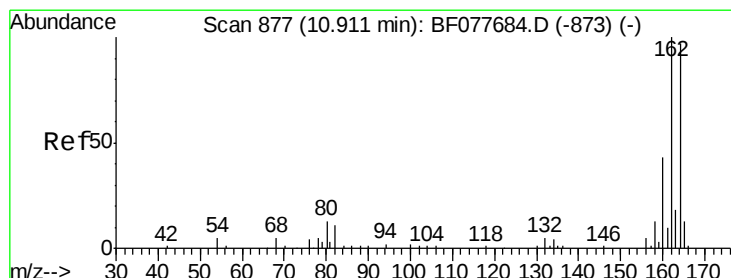
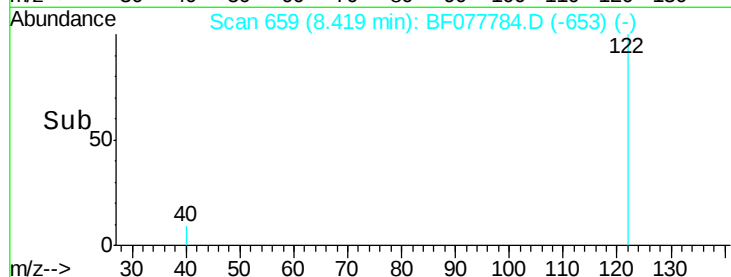
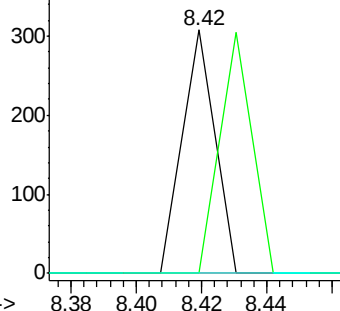
Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

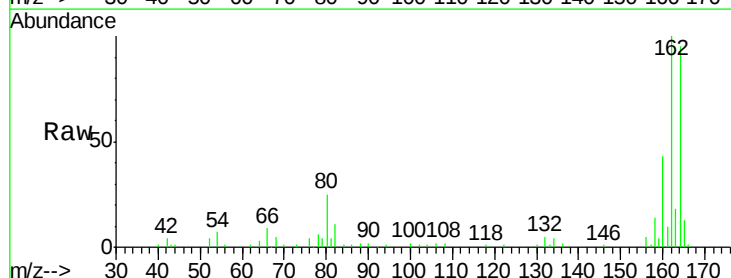
Delta R.T. -0.01 min

Lab File: BF077784.D

Acq: 17 Mar 2015 21:11

Tgt Ion:164 Resp: 80285

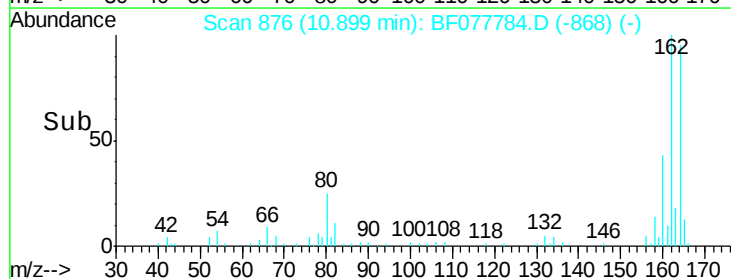
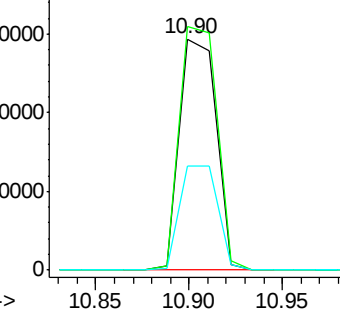
Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	45.1	35.8	53.6

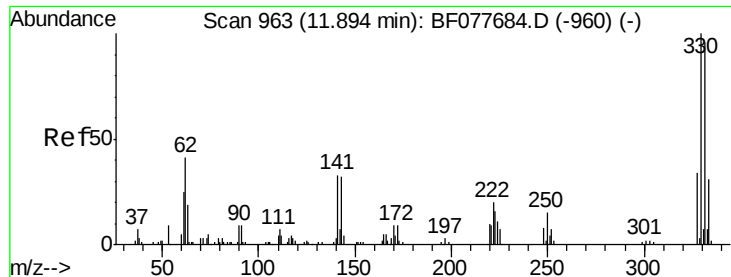


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

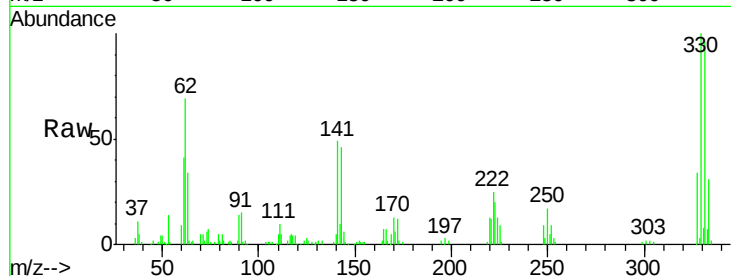




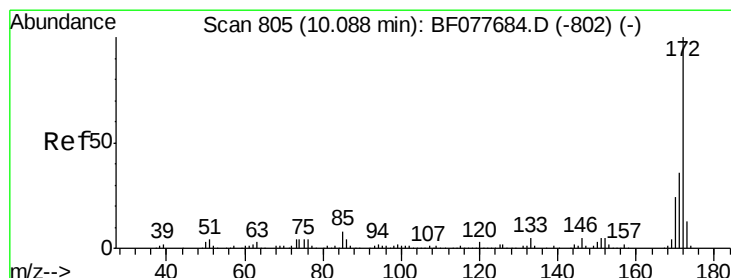
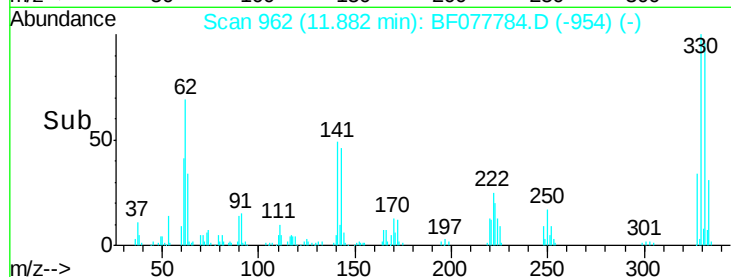
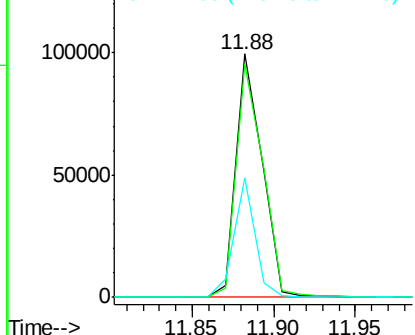
#41
 2,4,6-Tribromophenol
 Concen: 143.28 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077784.D
 Acq: 17 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 TW-10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	39.5	0.0	0.0#

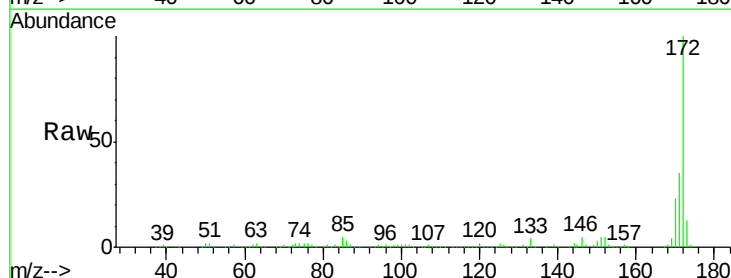


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

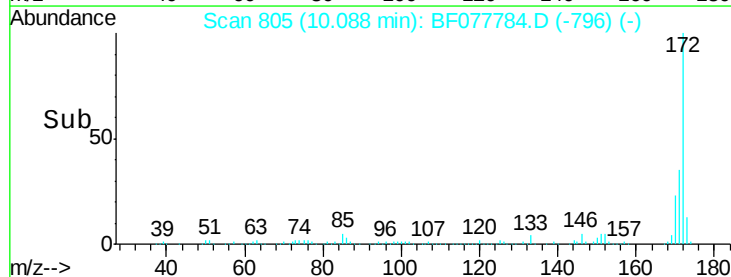
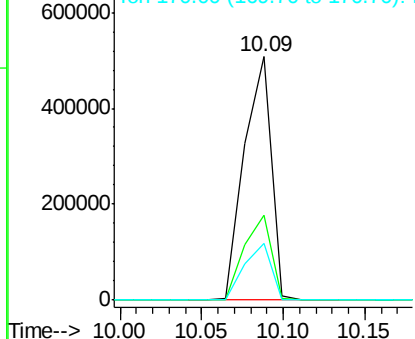


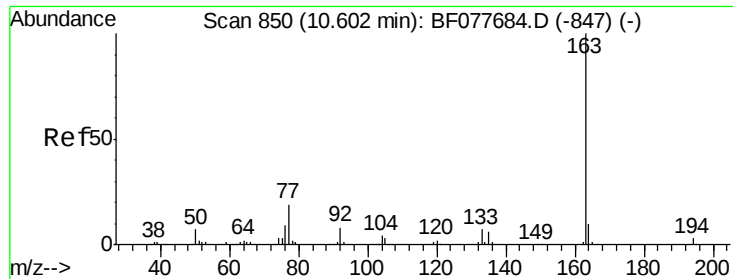
#44
 2-Fluorobiphenyl
 Concen: 106.75 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077784.D
 Acq: 17 Mar 2015 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.2	18.8	28.2



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

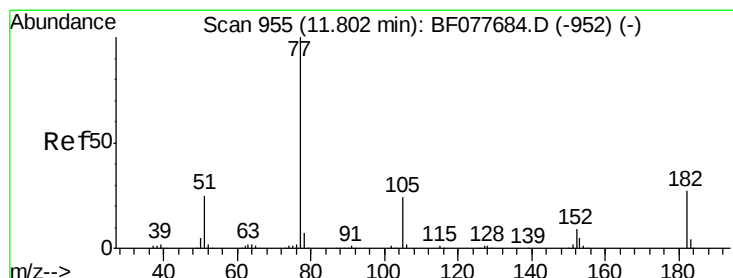
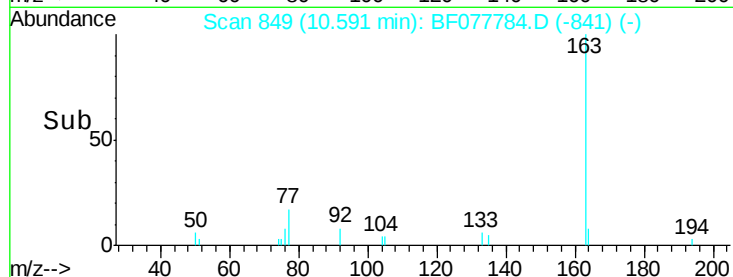
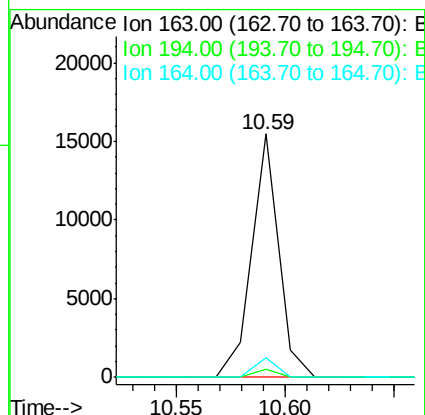
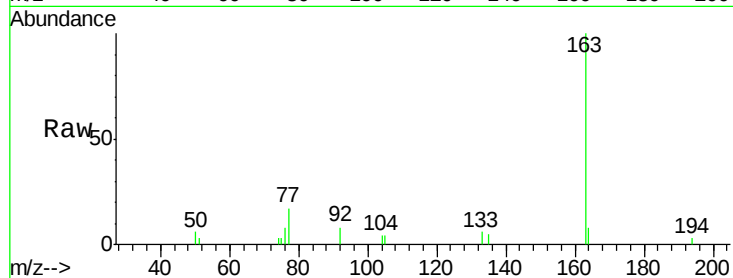




#49
Dimethylphthalate
Concen: 2.23 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

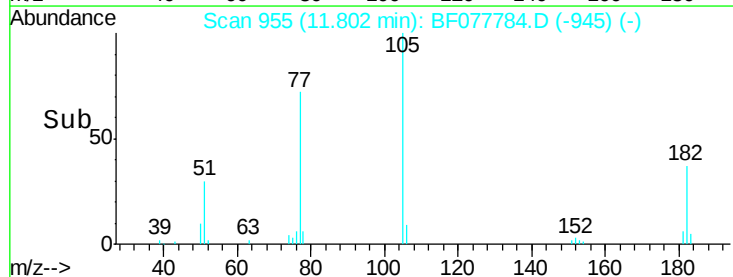
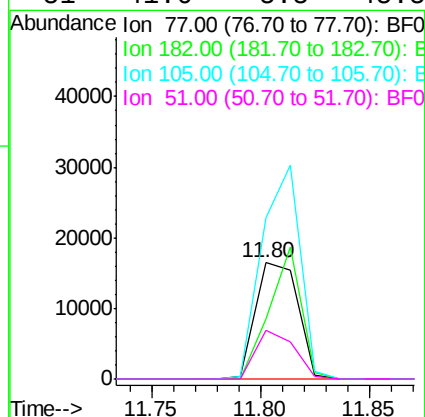
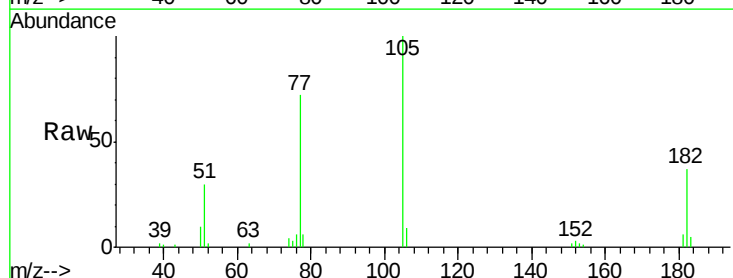
Instrument :
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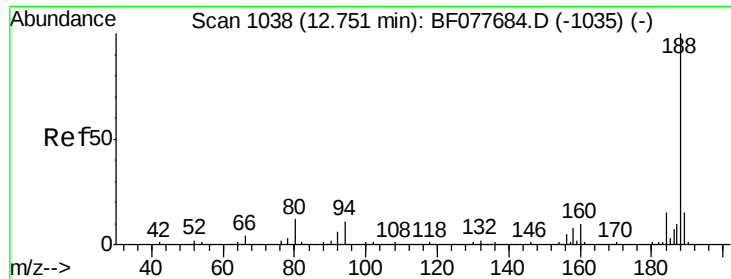
Tgt Ion: 163 Resp: 13303
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 8.2 8.2 12.2



#62
Azobenzene
Concen: 4.07 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Tgt Ion: 77 Resp: 22586
Ion Ratio Lower Upper
77 100
182 51.7 6.5 46.5#
105 139.1 3.8 43.8#
51 41.6 5.5 45.5

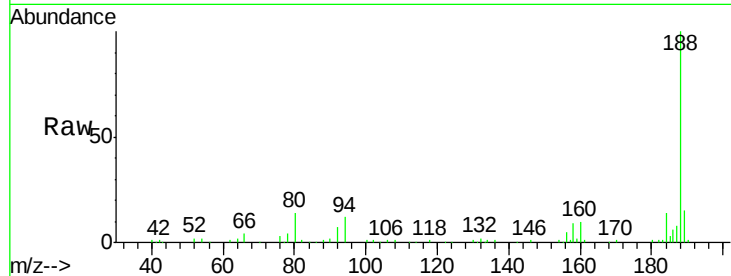




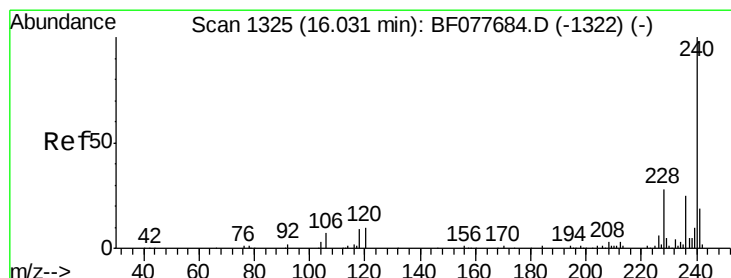
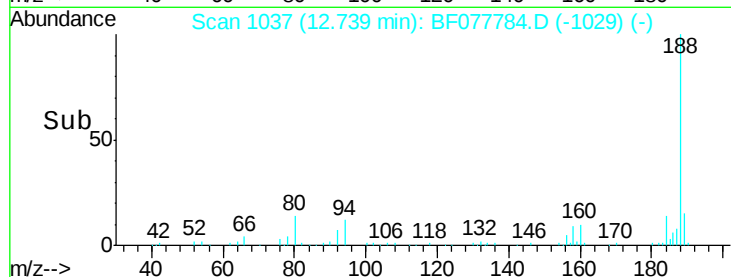
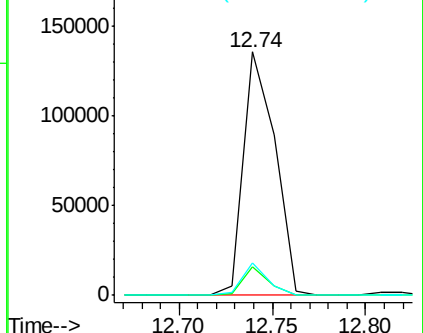
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:188 Resp: 159900
Ion Ratio Lower Upper
188 100
94 11.8 8.7 13.1
80 13.5 9.3 13.9

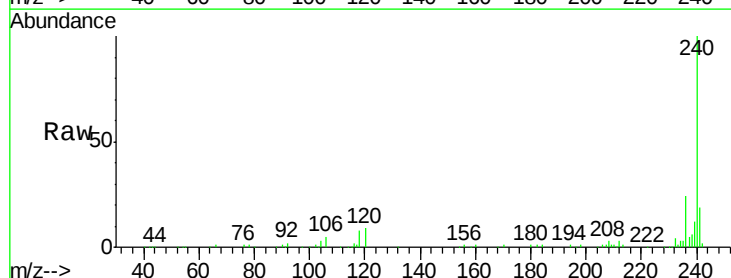


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

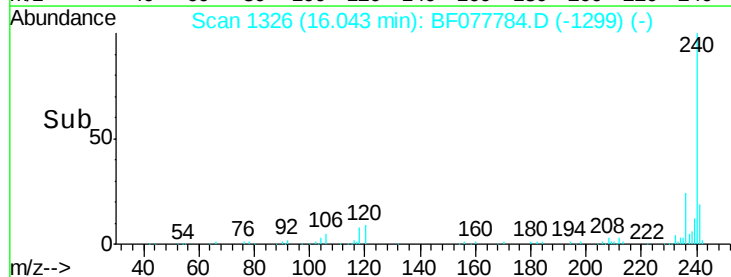
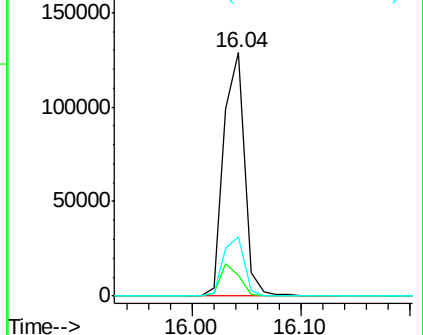


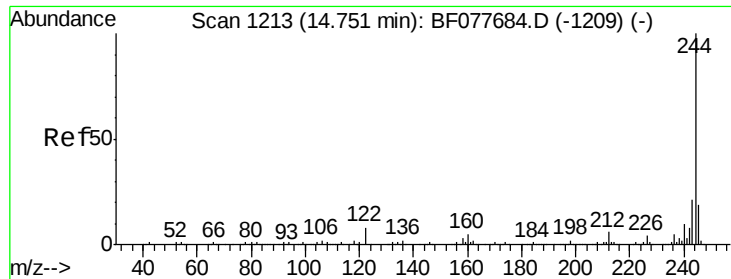
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077784.D
Acq: 17 Mar 2015 21:11

Tgt Ion:240 Resp: 171246
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 24.4 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

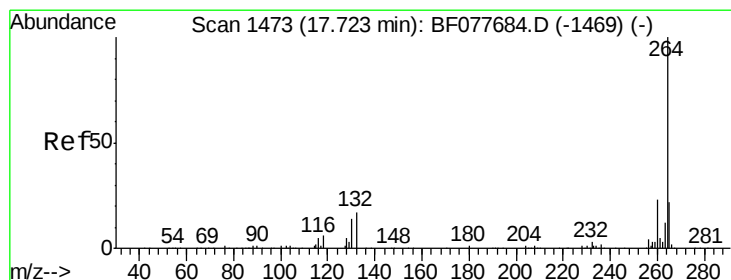
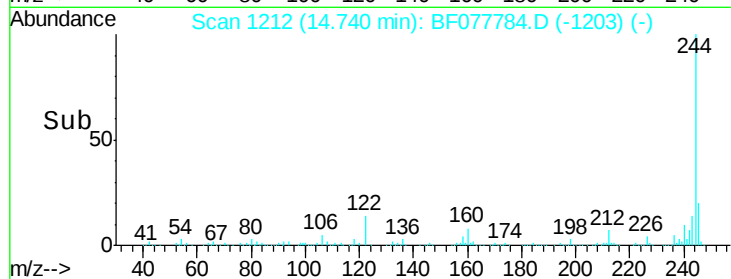
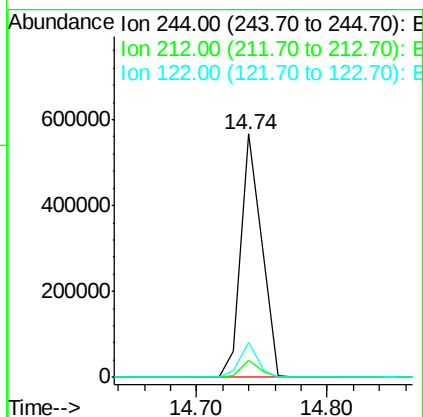
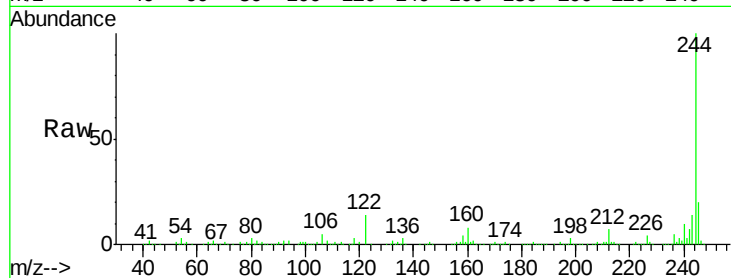




#78
 Terphenyl-d14
 Concen: 89.17 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077784.D
 Acq: 17 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 TW-10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	14.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1482
 Delta R.T. 0.08 min
 Lab File: BF077784.D
 Acq: 17 Mar 2015 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.2	17.3	25.9

