

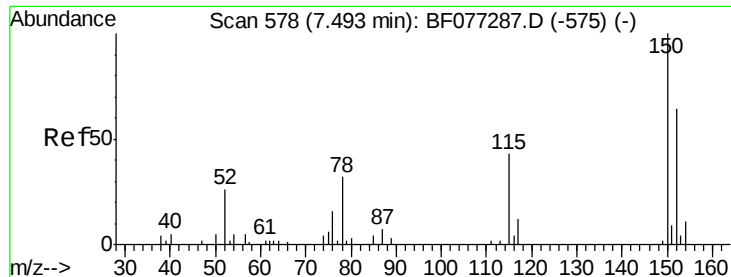
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021215\
 Data File : BF077294.D
 Acq On : 12 Feb 2015 21:08
 Operator : TP/IZ
 Sample : G1269-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Quant Time: Feb 13 04:36:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	12749	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	57133	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	28682	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	55553	20.00	ng	0.00
75) Chrysene-d12	20.95	240	55968	20.00	ng	-0.01
86) Perylene-d12	22.60	264	47344	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.53	112	17005	21.91	ng	0.05
7) Phenol-d6	6.98	99	12628	12.51	ng	0.05
23) Nitrobenzene-d5	8.81	82	36480	36.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.31	330	14409	61.61	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	84967	44.59	ng	-0.01
78) Terphenyl-d14	19.69	244	96688	38.80	ng	-0.01
Target Compounds						
6) Aniline	6.83	93	3324	2.49	ng	Qvalue # 87
13) 1,4-Dichlorobenzene	7.54	146	7647	7.25	ng	90
14) 1,2-Dichlorobenzene	7.85	146	140034	140.15	ng	96
30) 1,2,4-Trichlorobenzene	10.33	180	57367	68.53	ng	95
31) Naphthalene	10.45	128	138238	49.02	ng	97
32) Benzoic acid	10.33	122	493	16.29	ng	# 1
33) 4-Chloroaniline	10.73	127	14138	12.43	ng	91
37) 2-Methylnaphthalene	12.11	142	30854	14.59	ng	97
51) Acenaphthene	14.60	154	6723	4.17	ng	# 85
56) 2,4-Dinitrotoluene	15.22	165	2968	5.46	ng	# 95
57) Fluorene	15.80	166	8377	4.10	ng	98

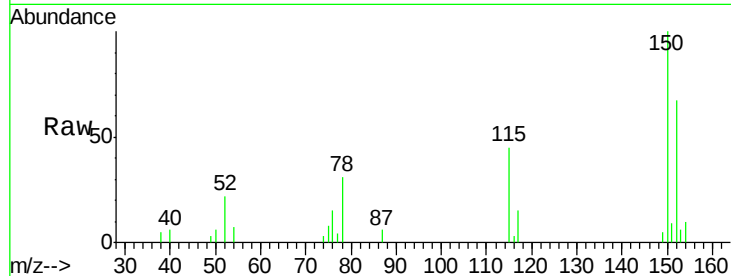
(#) = qualifier out of range (m) = manual integration (+) = signals summed



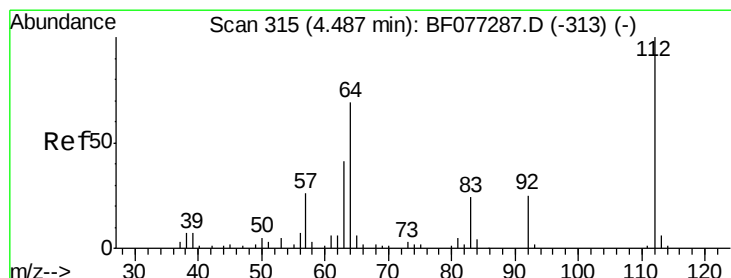
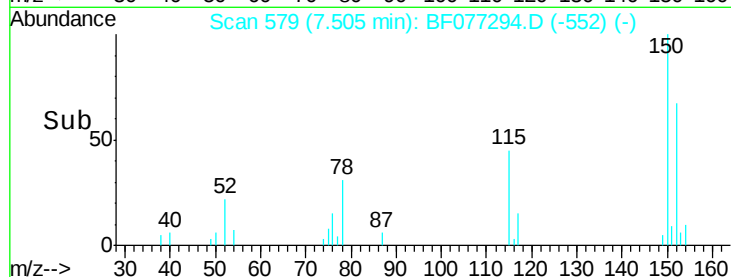
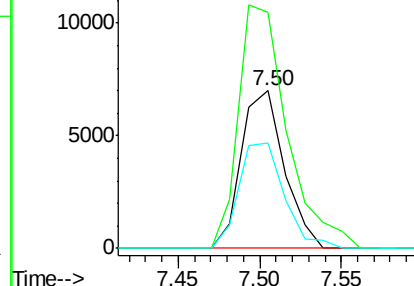
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.50 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tgt Ion:152 Resp: 12749
 Ion Ratio Lower Upper
 152 100
 150 149.4 124.9 187.3
 115 67.0 54.1 81.1

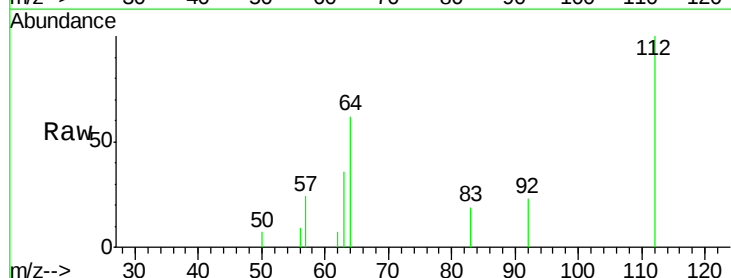


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

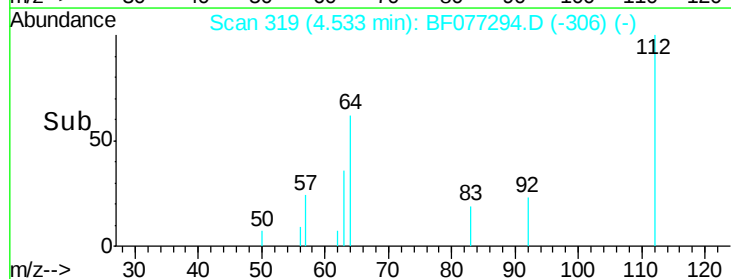
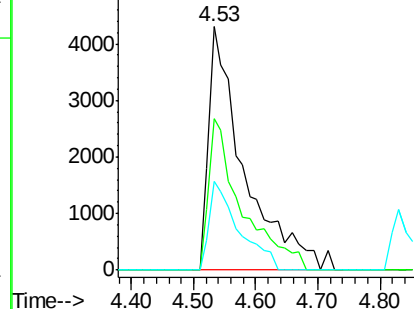


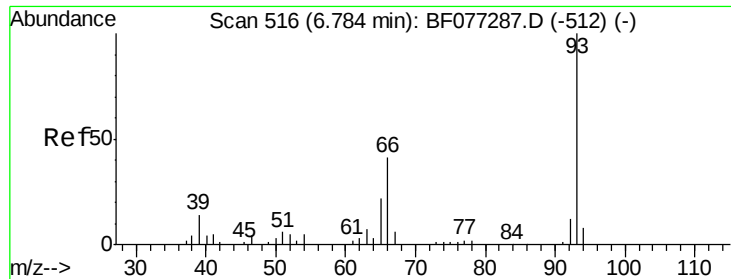
#5
 2-Fluorophenol
 Concen: 21.91 ng
 RT: 4.53 min Scan# 319
 Delta R.T. 0.05 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion:112 Resp: 17005
 Ion Ratio Lower Upper
 112 100
 64 62.0 55.0 82.4
 63 36.3 33.0 49.6



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





#6

Aniline

Concen: 2.49 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.05 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

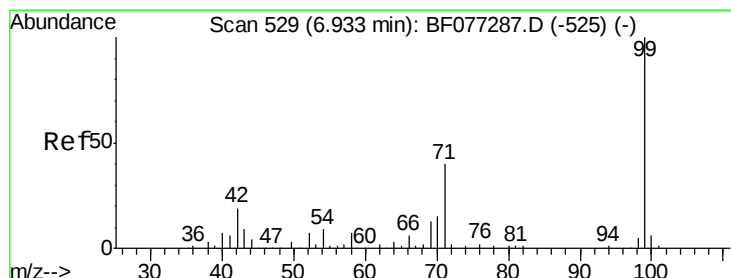
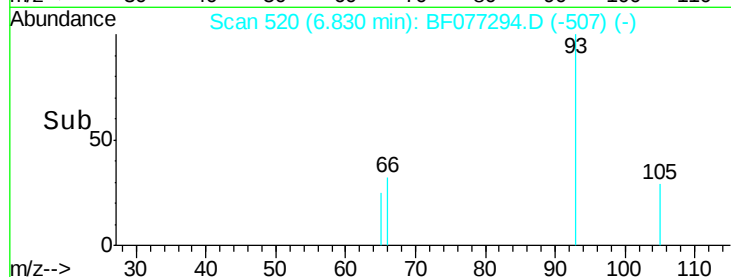
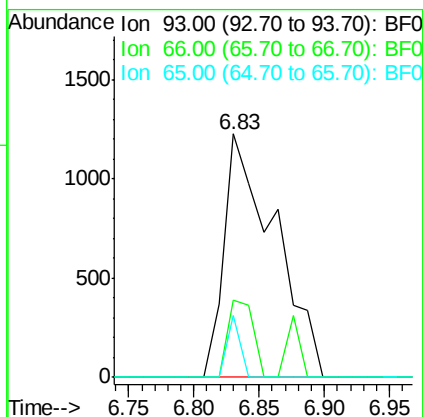
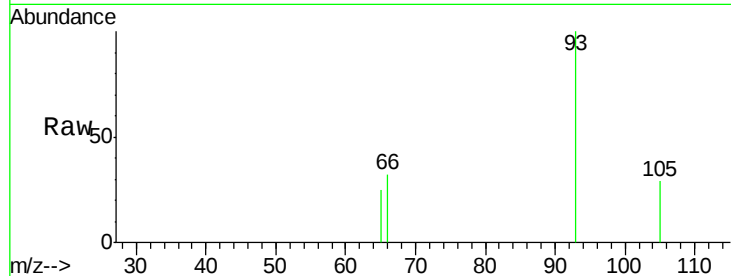
Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

Tgt Ion:	93	Resp:	3324
Ion	Ratio	Lower	Upper
93	100		
66	31.6	33.1	49.7#
65	25.4	17.2	25.8



#7

Phenol-d6

Concen: 12.51 ng

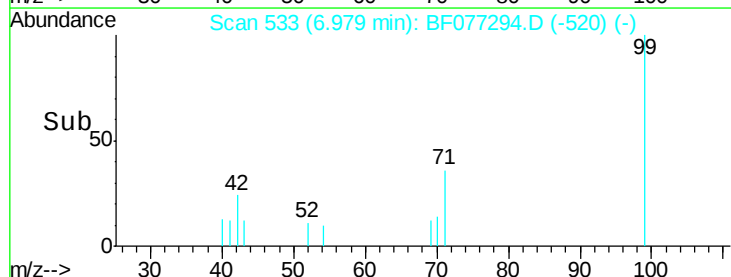
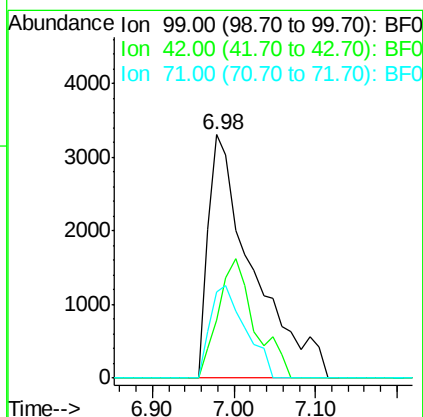
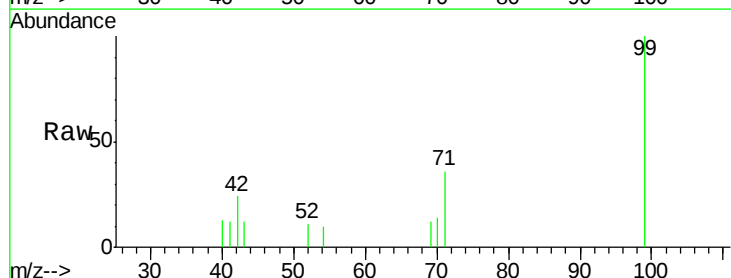
RT: 6.98 min Scan# 533

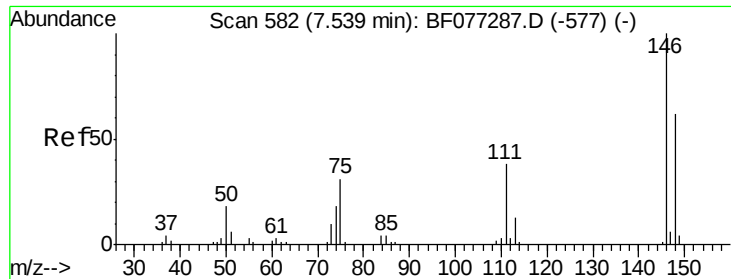
Delta R.T. 0.05 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Tgt Ion:	99	Resp:	12628
Ion	Ratio	Lower	Upper
99	100		
42	23.9	15.0	22.4#
71	35.6	31.8	47.6

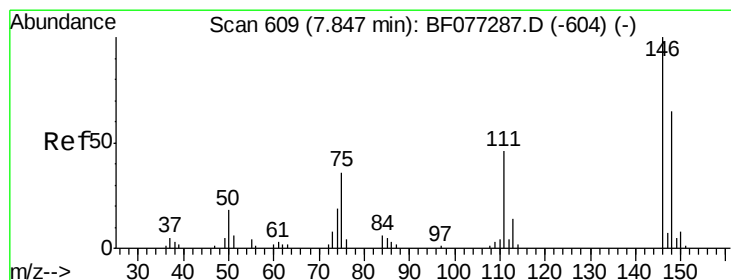
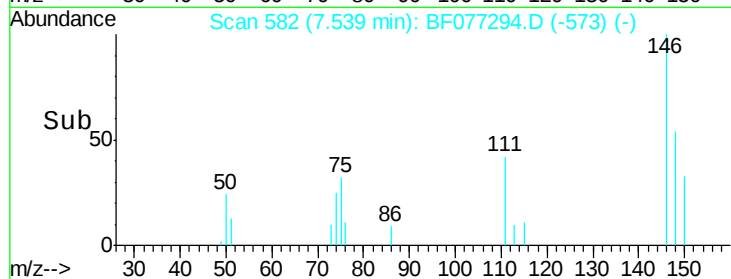
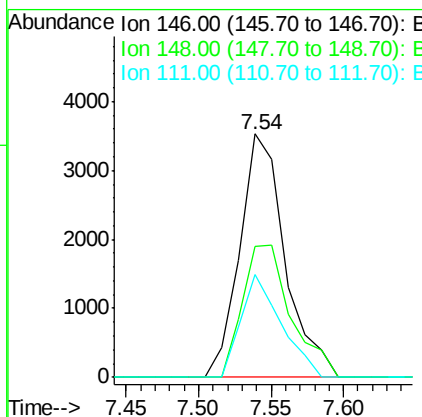
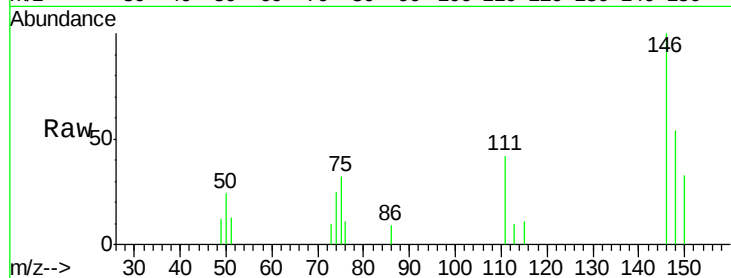




#13
 1,4-Dichlorobenzene
 Concen: 7.25 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

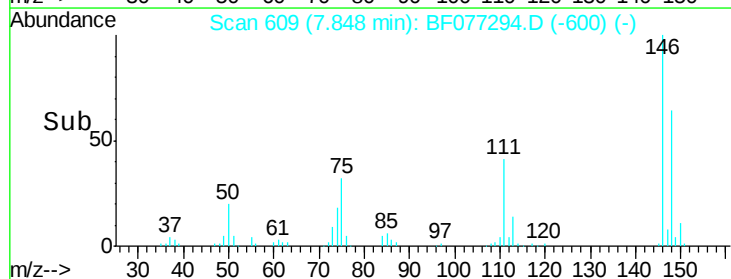
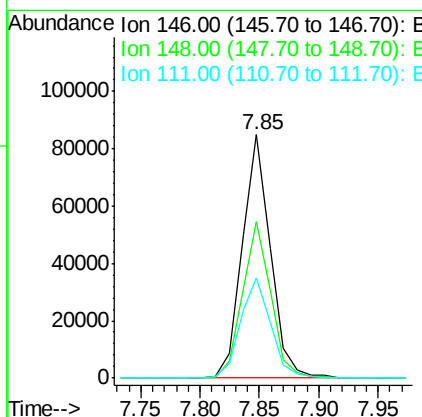
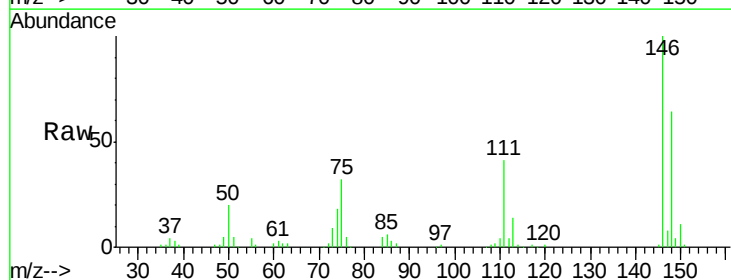
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

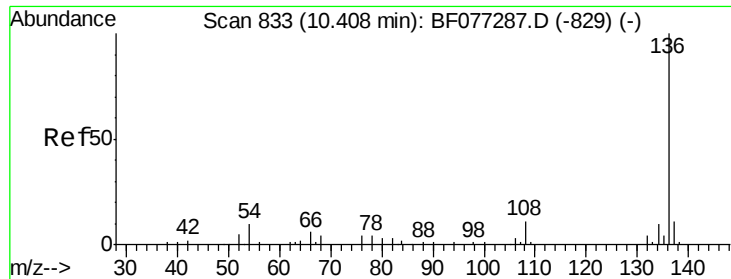
Tgt Ion:146 Resp: 7647
 Ion Ratio Lower Upper
 146 100
 148 53.7 49.8 74.6
 111 42.1 30.2 45.2



#14
 1,2-Dichlorobenzene
 Concen: 140.15 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion:146 Resp: 140034
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 40.9 37.0 55.4

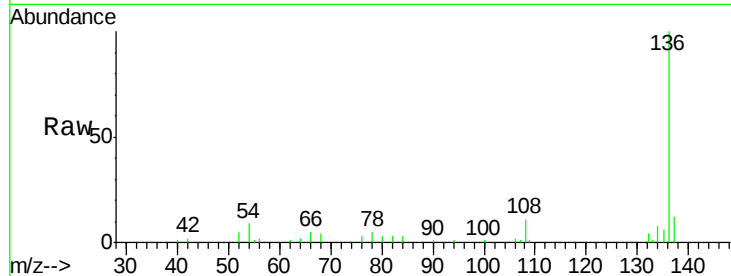




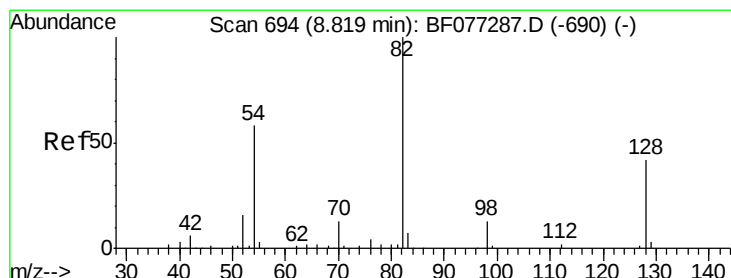
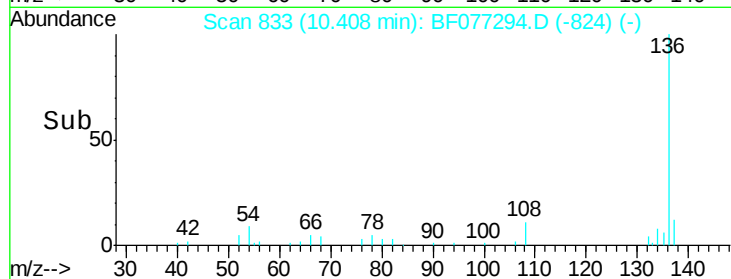
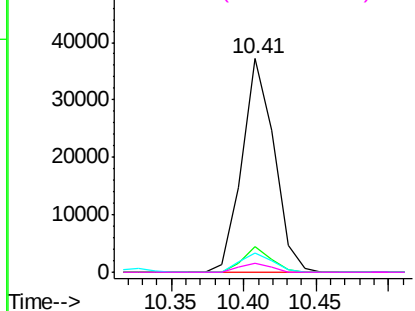
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tgt Ion:	136	Resp:	57133
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	9.1	8.2	12.2
68	4.2	3.1	4.7

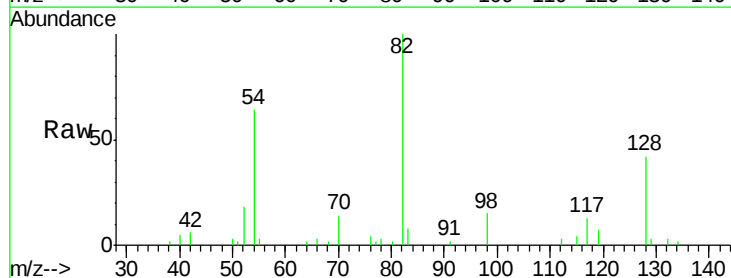


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

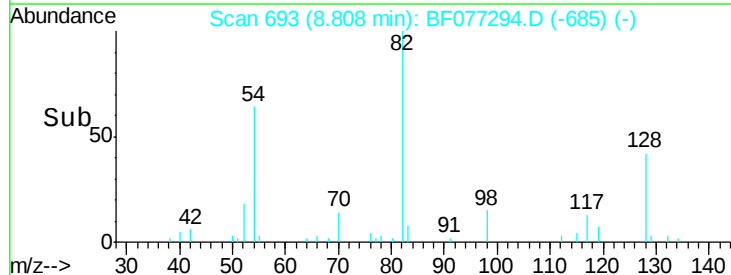
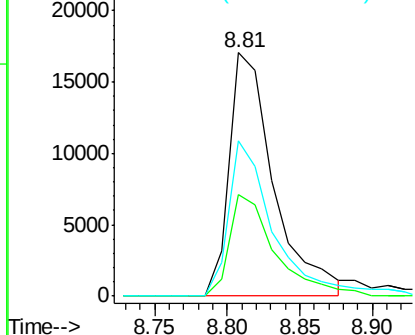


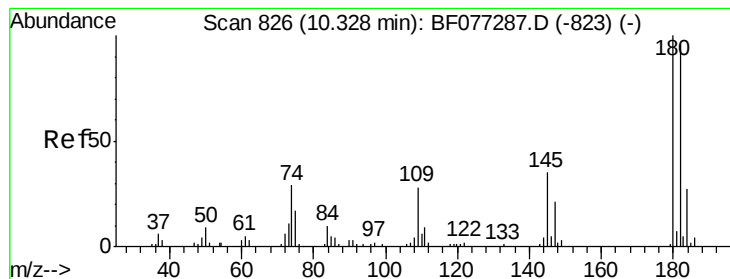
#23
Nitrobenzene-d5
Concen: 36.47 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion:	82	Resp:	36480
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.6	50.4
54	64.0	46.2	69.2



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





#30

1,2,4-Trichlorobenzene

Concen: 68.53 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

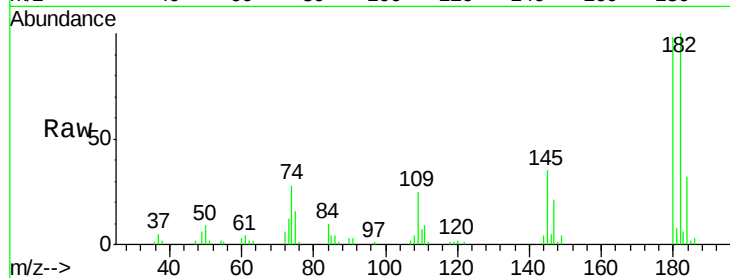
Tgt Ion:180 Resp: 57367

Ion Ratio Lower Upper

180 100

182 102.3 77.0 115.6

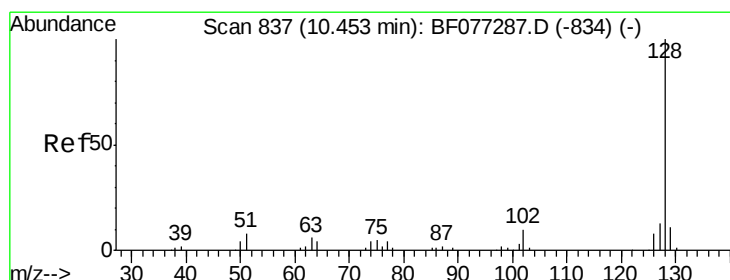
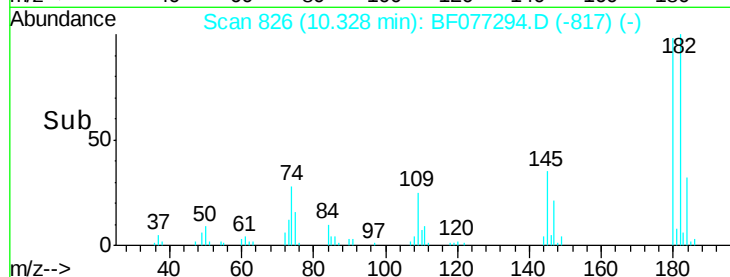
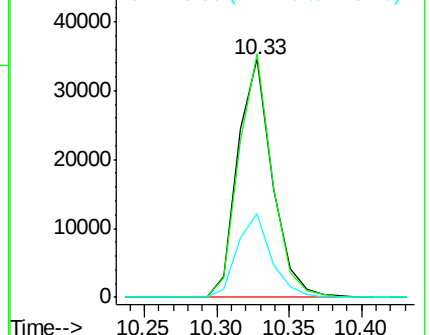
145 35.3 27.9 41.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 49.02 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

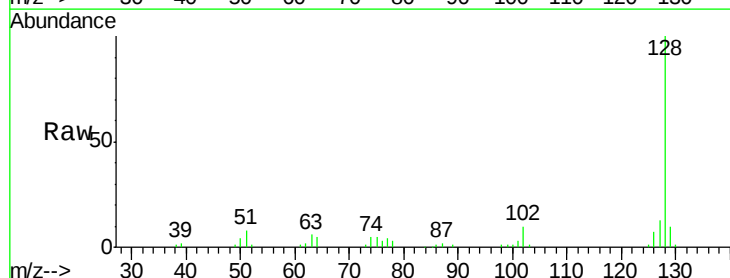
Tgt Ion:128 Resp: 138238

Ion Ratio Lower Upper

128 100

129 9.8 9.0 13.6

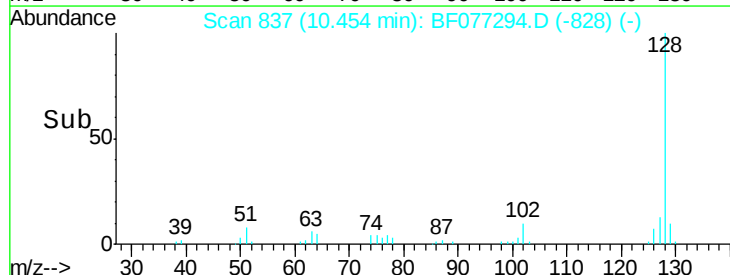
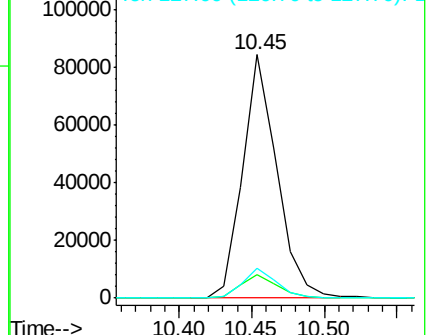
127 12.5 10.4 15.6

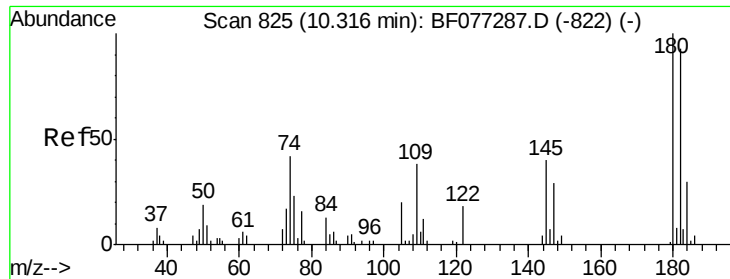


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

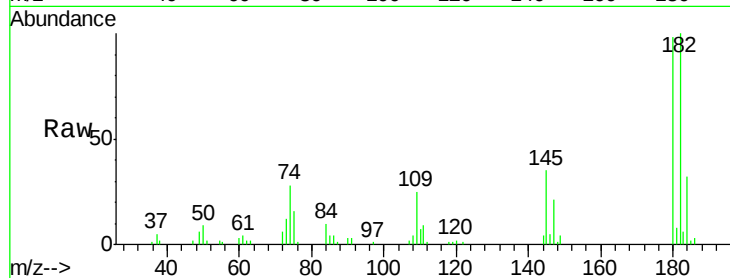




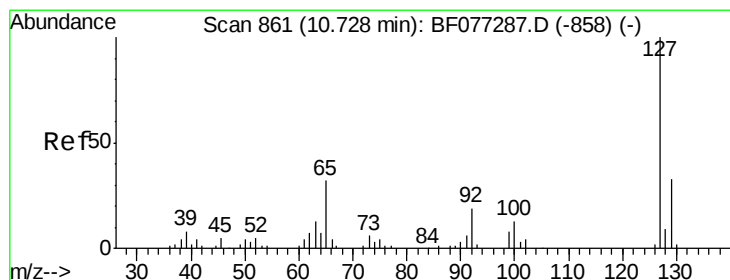
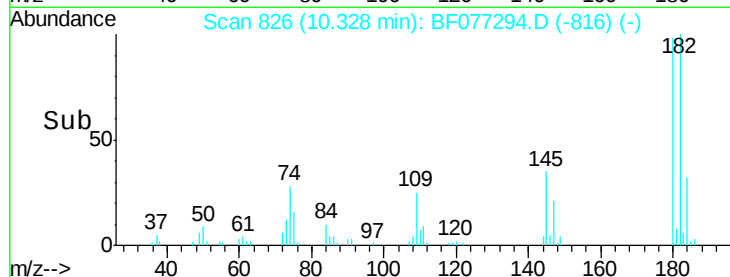
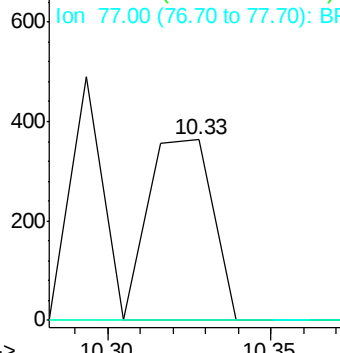
#32
Benzoic acid
Concen: 16.29 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tgt Ion:122 Resp: 493
Ion Ratio Lower Upper
122 100
105 0.0 93.4 133.4#
77 0.0 72.6 112.6#

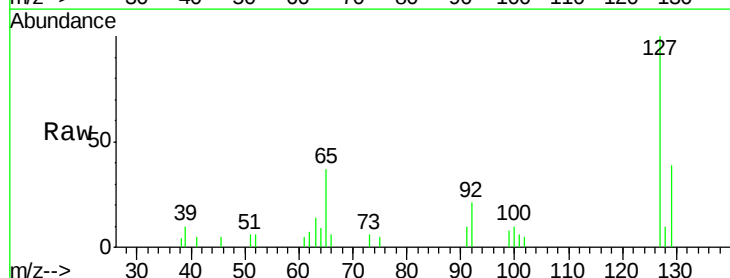


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

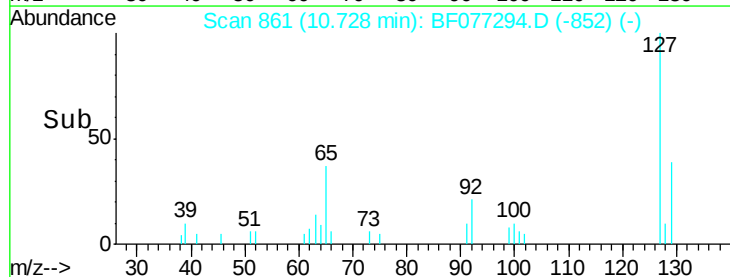
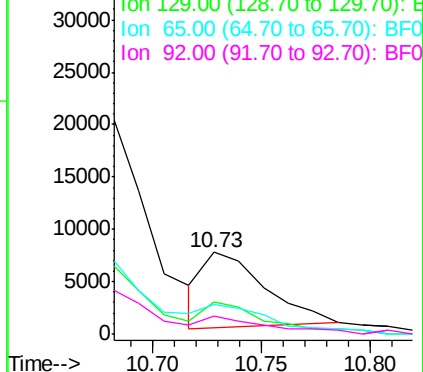


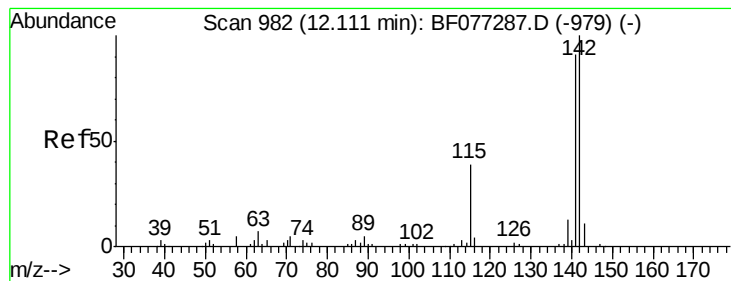
#33
4-Chloroaniline
Concen: 12.43 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion:127 Resp: 14138
Ion Ratio Lower Upper
127 100
129 38.7 26.0 39.0
65 36.5 25.6 38.4
92 21.1 15.1 22.7



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 14.59 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

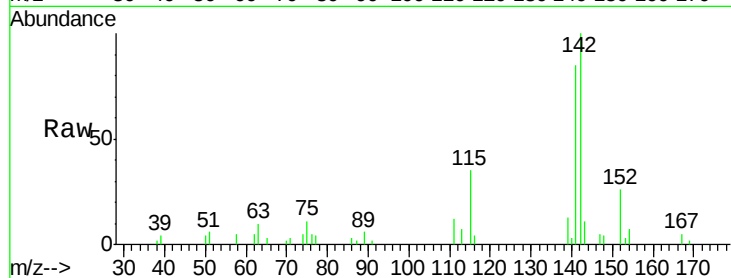
Tgt Ion:142 Resp: 30854

Ion Ratio Lower Upper

142 100

141 84.8 69.8 104.6

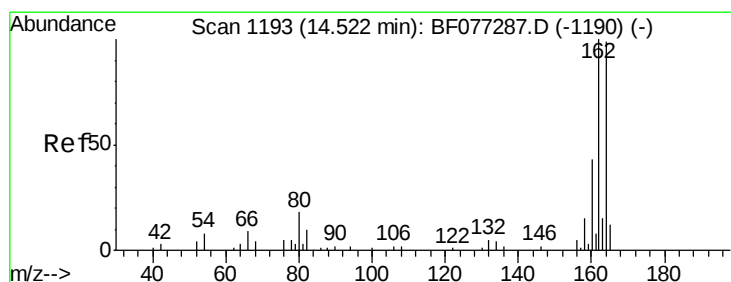
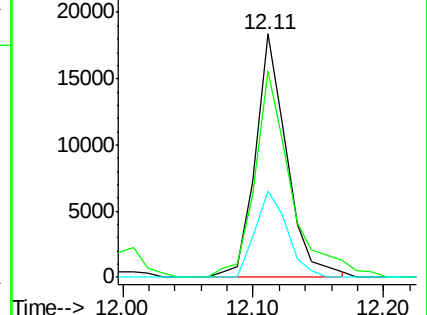
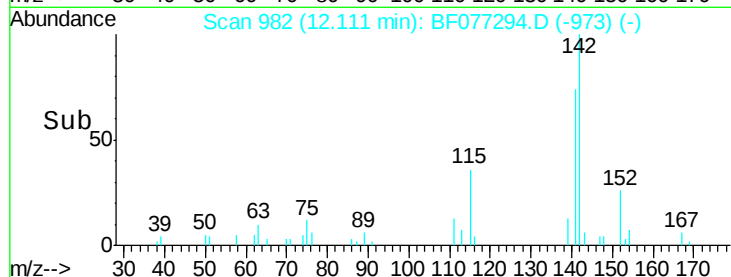
115 35.1 29.5 44.3



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: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

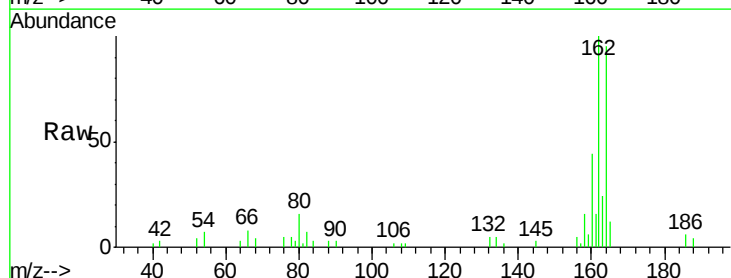
Tgt Ion:164 Resp: 28682

Ion Ratio Lower Upper

164 100

162 105.6 81.0 121.4

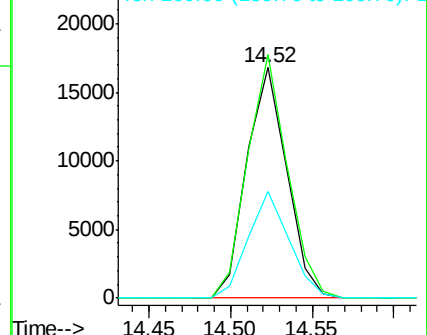
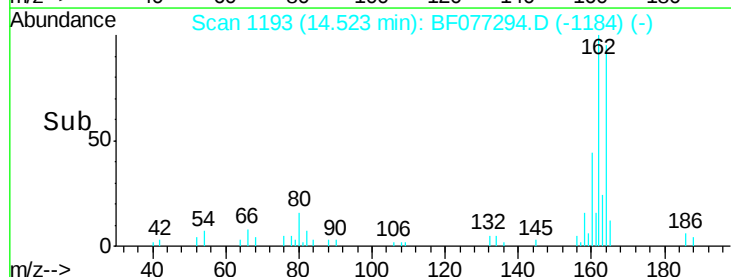
160 46.3 35.2 52.8

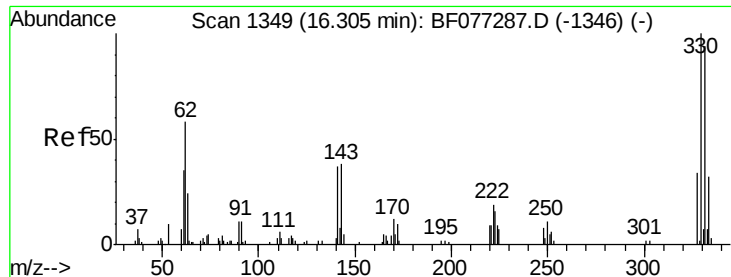


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

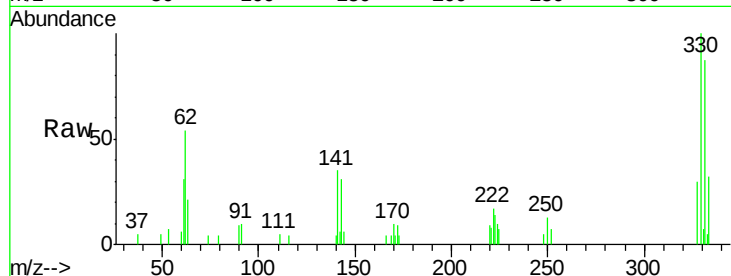




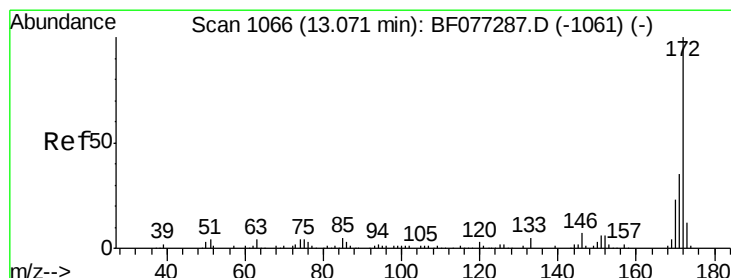
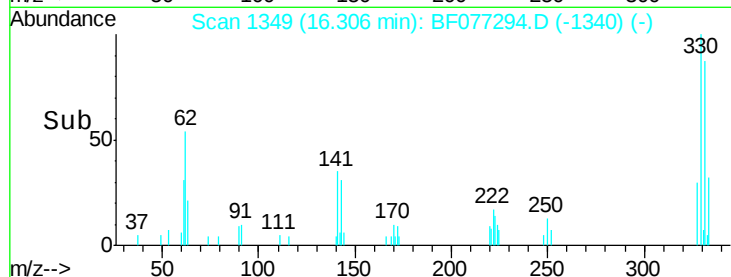
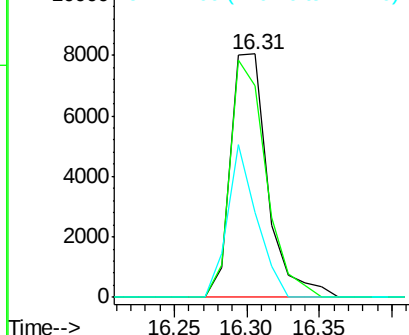
#41
 2,4,6-Tribromophenol
 Concen: 61.61 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tgt Ion: 330 Resp: 14409
 Ion Ratio Lower Upper
 330 100
 332 94.0 0.0 0.0#
 141 49.2 0.0 0.0#

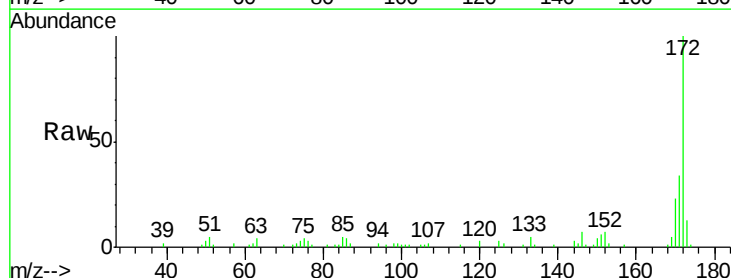


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

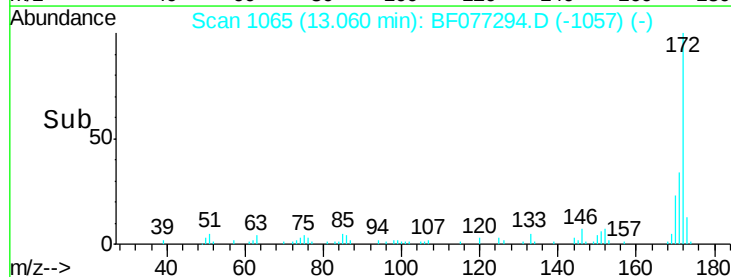
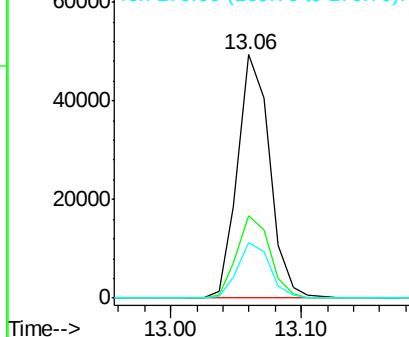


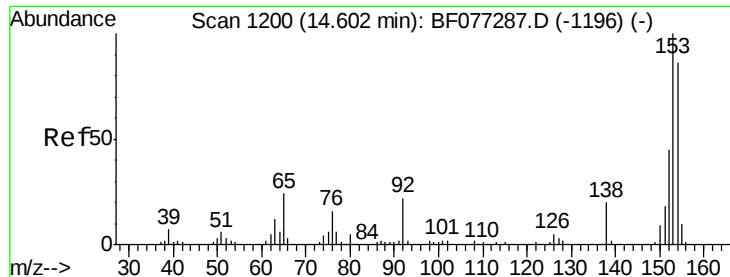
#44
 2-Fluorobiphenyl
 Concen: 44.59 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion: 172 Resp: 84967
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.8 41.8
 170 22.8 18.3 27.5



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





#51

Acenaphthene

Concen: 4.17 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

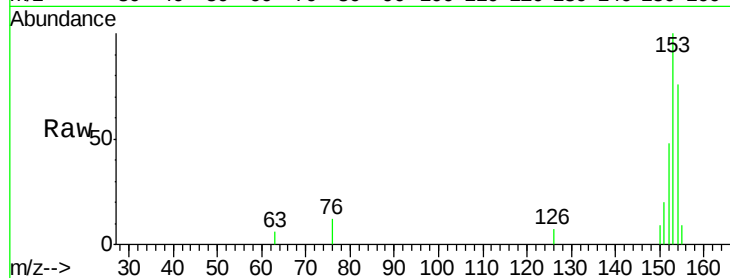
Tgt Ion:154 Resp: 6723

Ion Ratio Lower Upper

154 100

153 132.2 92.5 138.7

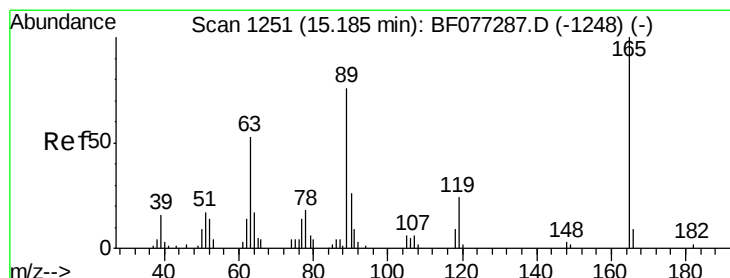
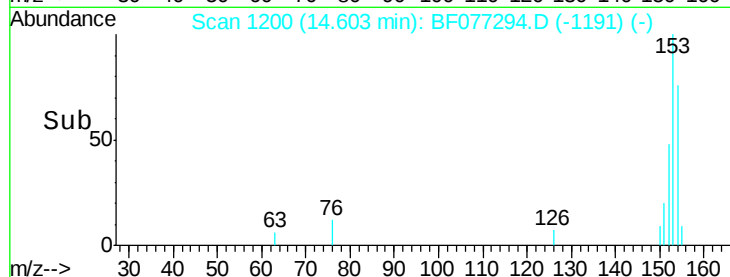
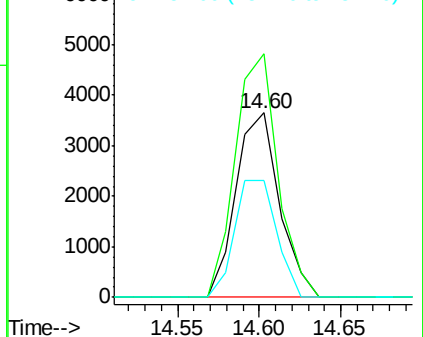
152 63.4 42.1 63.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.46 ng

RT: 15.22 min Scan# 1254

Delta R.T. 0.03 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Tgt Ion:165 Resp: 2968

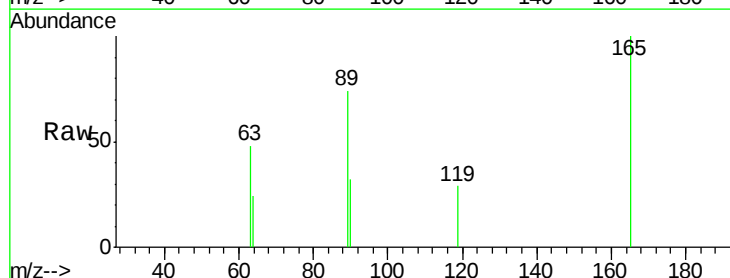
Ion Ratio Lower Upper

165 100

63 47.5 42.4 63.6

89 73.7 61.1 91.7

182 0.0 1.9 2.9#

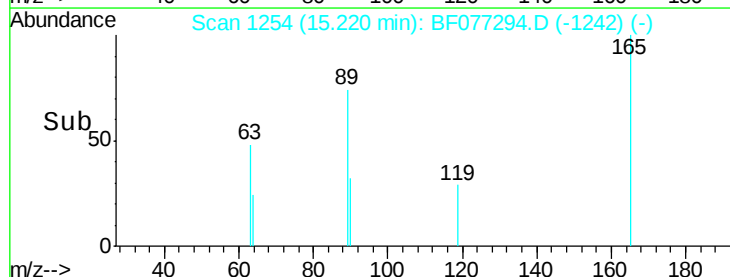
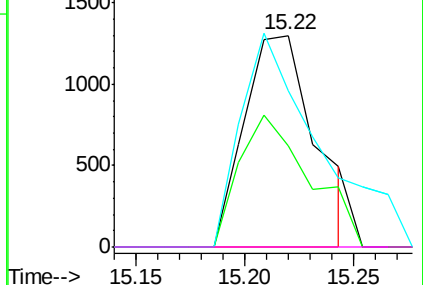


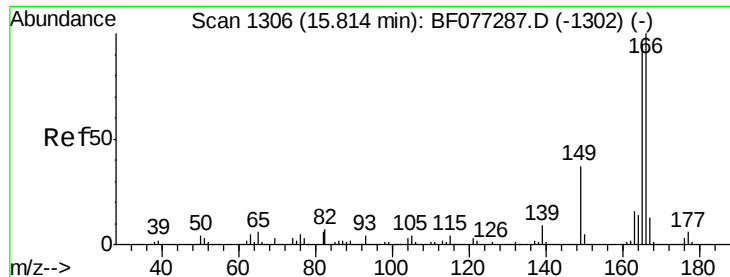
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

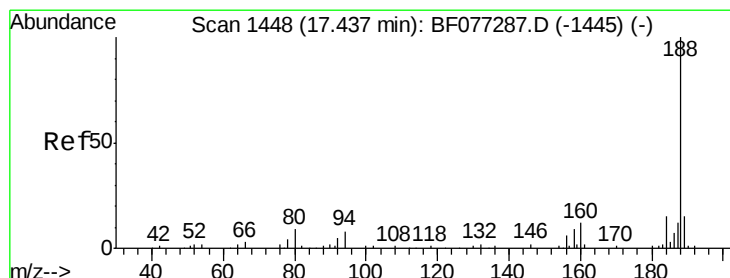
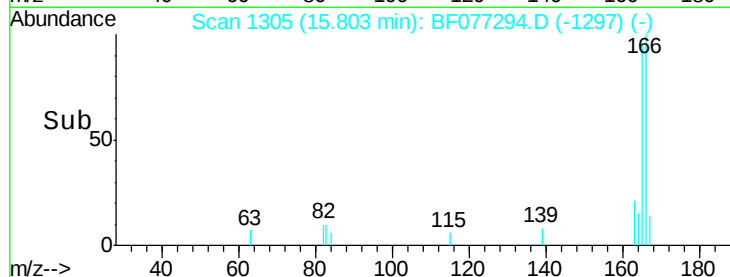
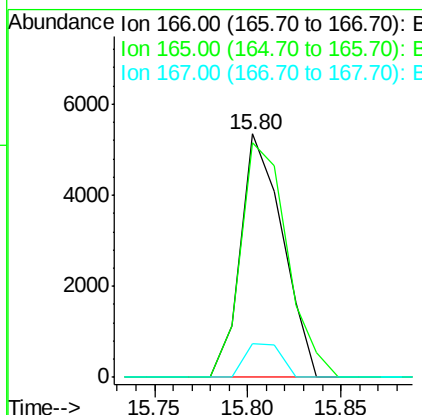
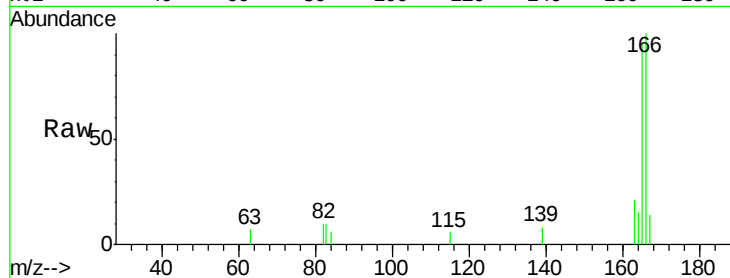




#57
Fluorene
 Concen: 4.10 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

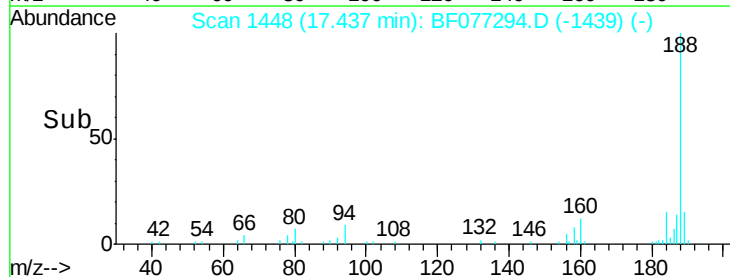
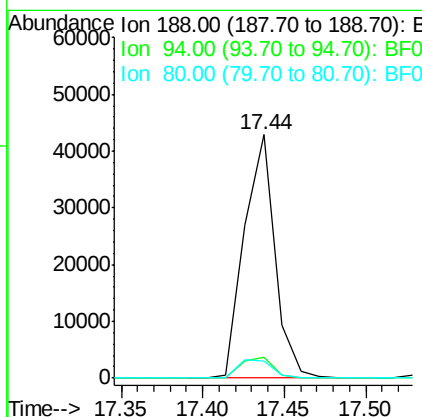
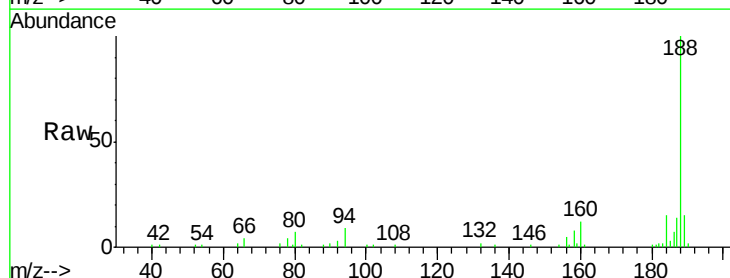
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

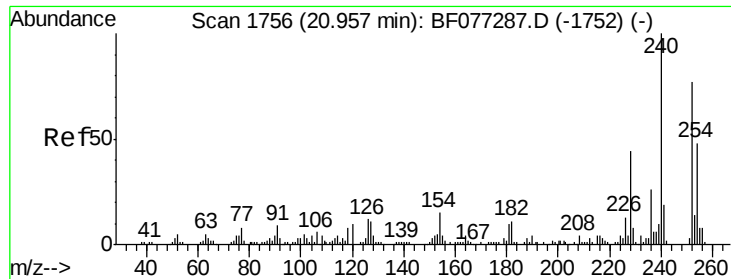
Tgt Ion:166 Resp: 8377
 Ion Ratio Lower Upper
 166 100
 165 96.2 75.9 113.9
 167 14.1 10.2 15.4



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion:188 Resp: 55553
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.5 9.7
 80 7.2 7.1 10.7

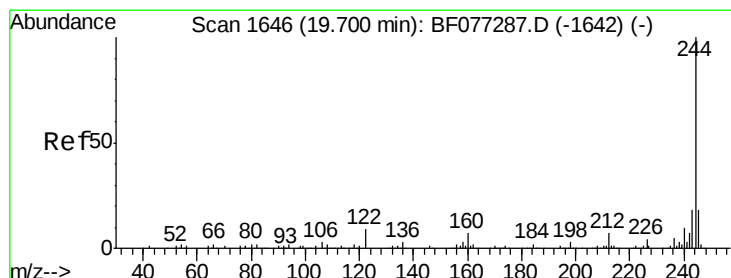
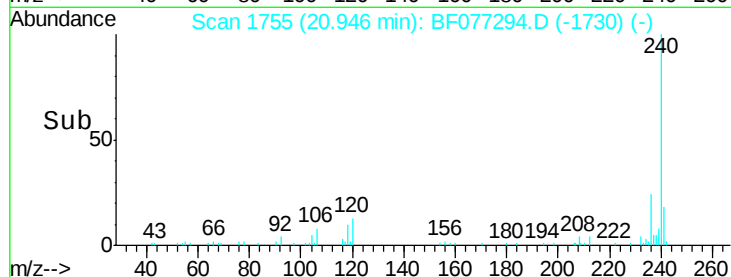
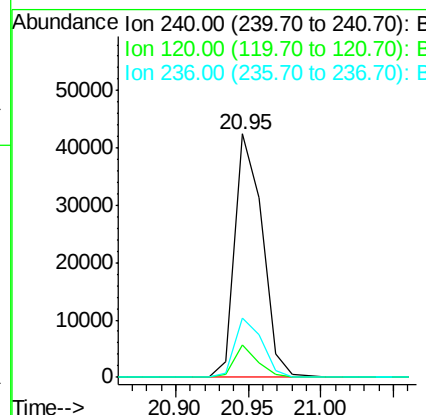
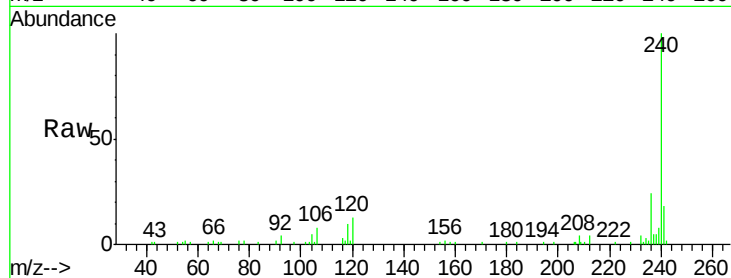




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.95 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

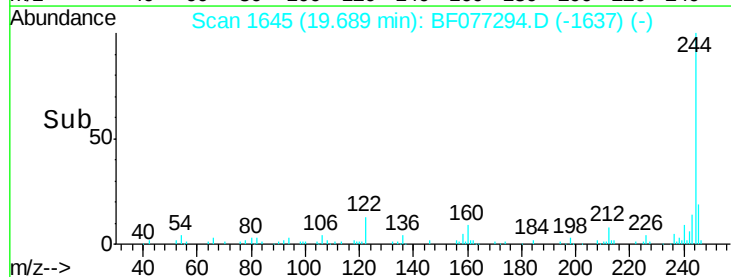
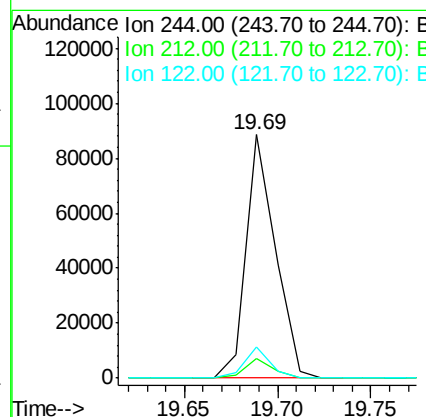
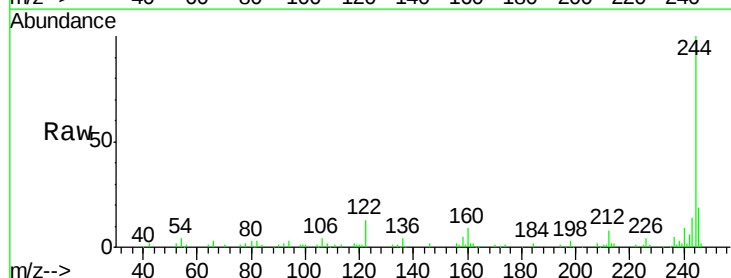
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

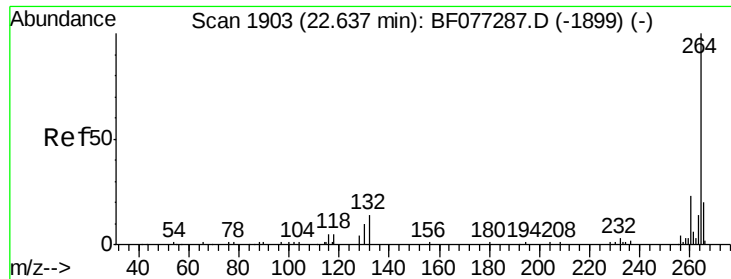
Tgt Ion:240 Resp: 55968
 Ion Ratio Lower Upper
 240 100
 120 13.4 7.8 11.8#
 236 24.3 20.4 30.6



#78
 Terphenyl-d14
 Concen: 38.80 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion:244 Resp: 96688
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.6 8.4
 122 12.8 7.0 10.4#

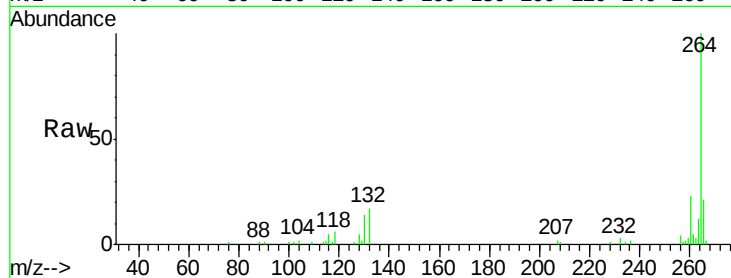




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.60 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tgt Ion: 264 Resp: 47344
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.7 16.2 24.2



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

