

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077624.D
 Acq On : 6 Mar 2015 16:18
 Operator : TP/IZ
 Sample : G1426-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315DL

Quant Time: Mar 06 23:52:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

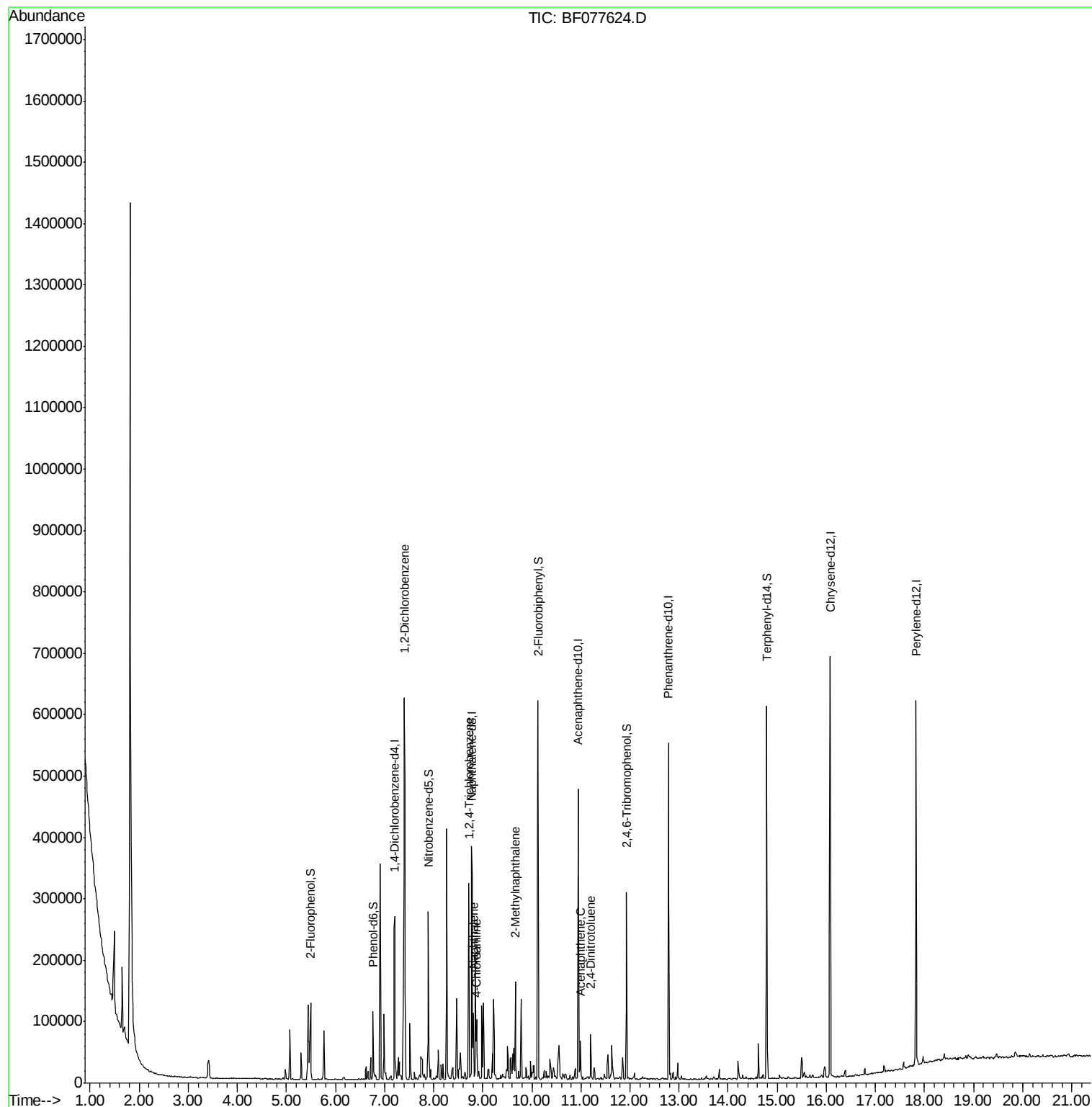
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	61421	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	247129	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	124291	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	244590	20.00	ng	0.00
75) Chrysene-d12	16.08	240	270938	20.00	ng	0.00
86) Perylene-d12	17.83	264	257483	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	47230	12.84	ng	0.00
7) Phenol-d6	6.76	99	37421	7.91	ng	0.00
23) Nitrobenzene-d5	7.89	82	82990	20.88	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	37048	30.96	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	190594	23.91	ng	0.00
78) Terphenyl-d14	14.78	244	227182	19.60	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	7.41	146	184349	40.31	ng	94
30) 1,2,4-Trichlorobenzene	8.71	180	83695	21.15	ng	96
31) Naphthalene	8.80	128	54023	4.37	ng	98
33) 4-Chloroaniline	8.86	127	82464	15.01	ng	97
37) 2-Methylnaphthalene	9.66	142	42317	4.82	ng	96
51) Acenaphthene	10.99	154	15407	2.21	ng	97
56) 2,4-Dinitrotoluene	11.20	165	10043	4.24	ng	# 73

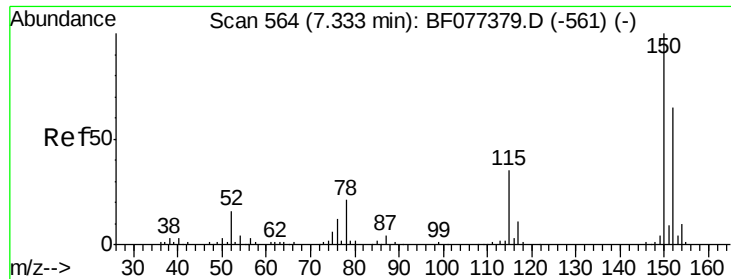
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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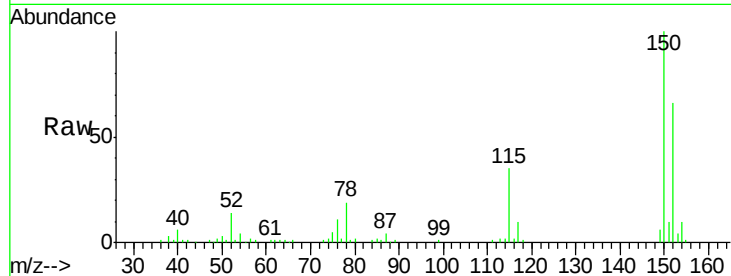


#1

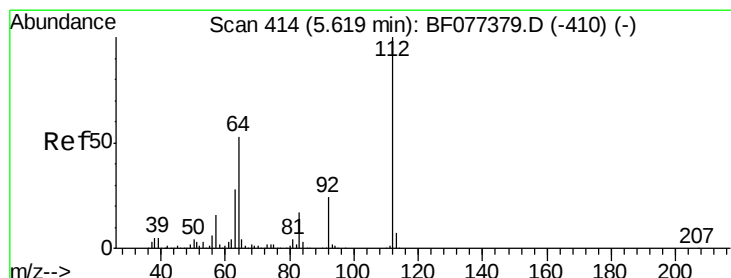
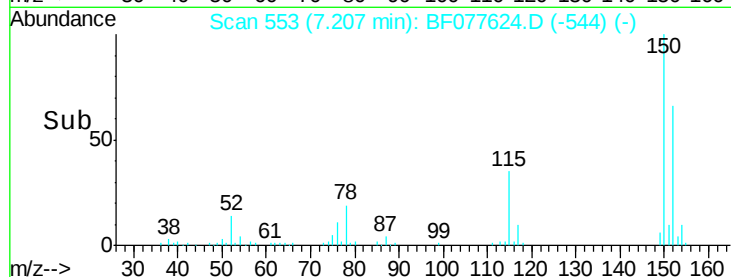
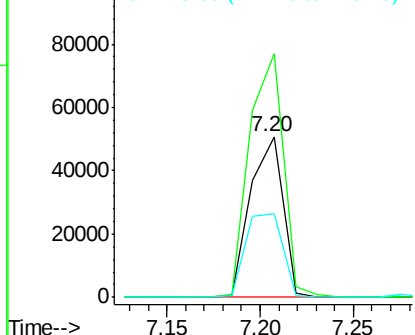
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

Tgt Ion:152 Resp: 61421
Ion Ratio Lower Upper
152 100
150 151.3 124.0 186.0
115 52.3 49.4 74.2



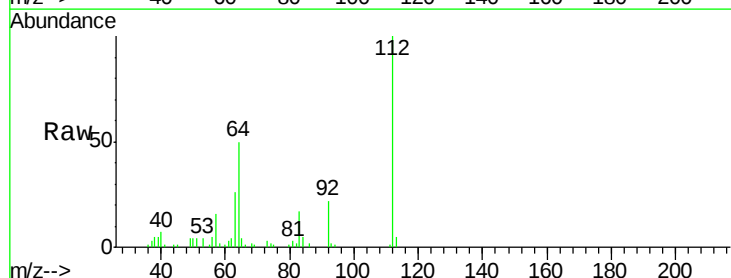
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



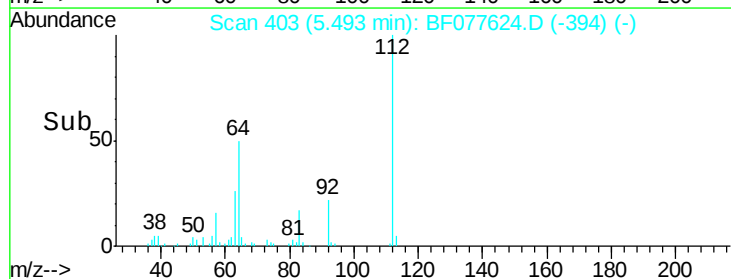
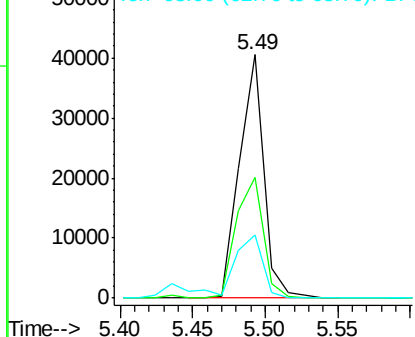
#5

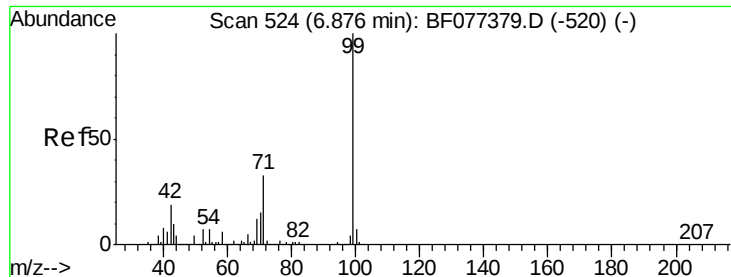
2-Fluorophenol
Concen: 12.84 ng
RT: 5.49 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Tgt Ion:112 Resp: 47230
Ion Ratio Lower Upper
112 100
64 49.8 48.5 72.7
63 26.2 25.0 37.4



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: 7.91 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077624.D

Acq: 6 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-067-3315DL

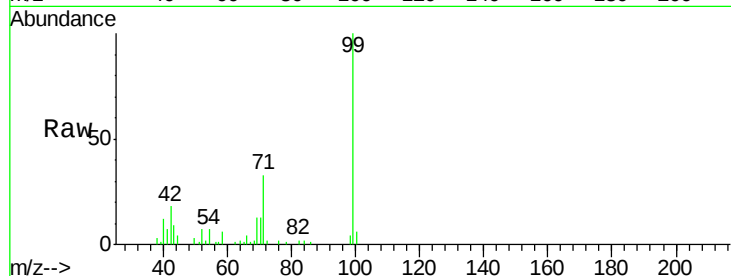
Tgt Ion: 99 Resp: 37421

Ion Ratio Lower Upper

99 100

42 17.8 16.2 24.4

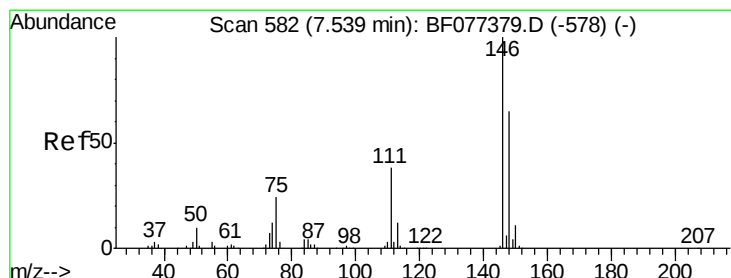
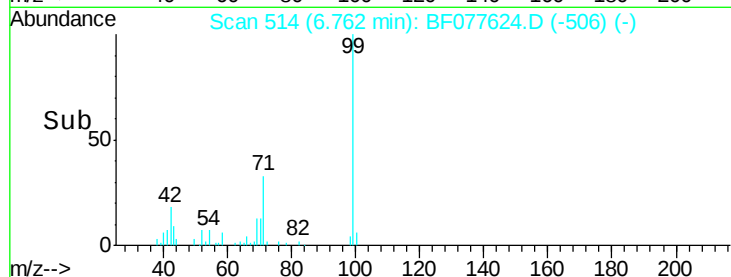
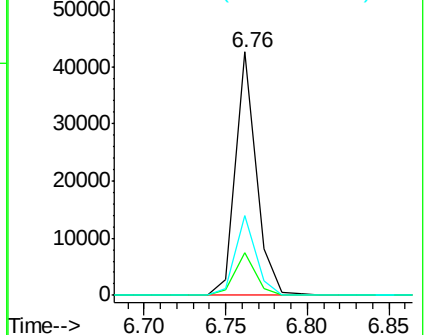
71 33.0 26.7 40.1



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



#14

1,2-Dichlorobenzene

Concen: 40.31 ng

RT: 7.41 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077624.D

Acq: 6 Mar 2015 16:18

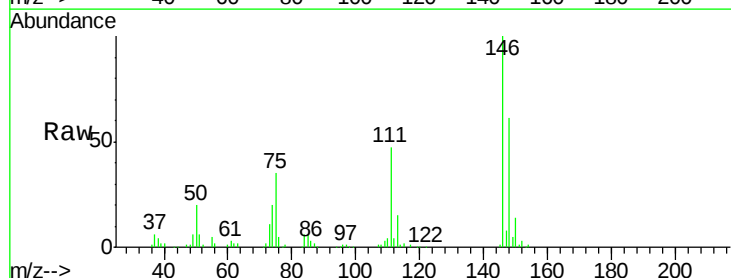
Tgt Ion: 146 Resp: 184349

Ion Ratio Lower Upper

146 100

148 60.9 51.6 77.4

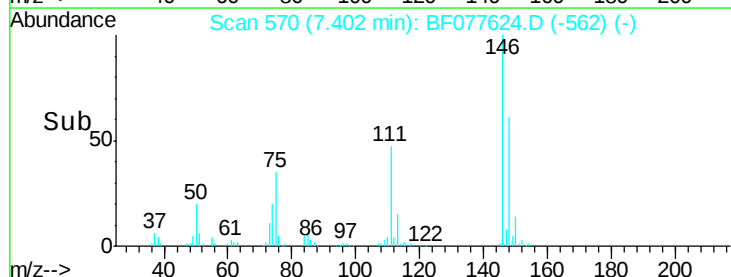
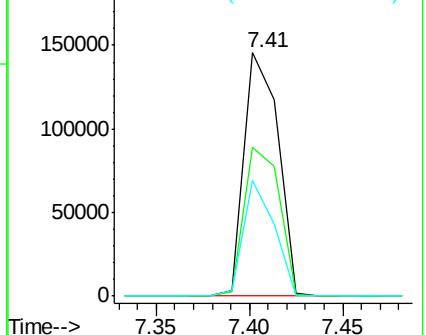
111 47.3 34.2 51.2

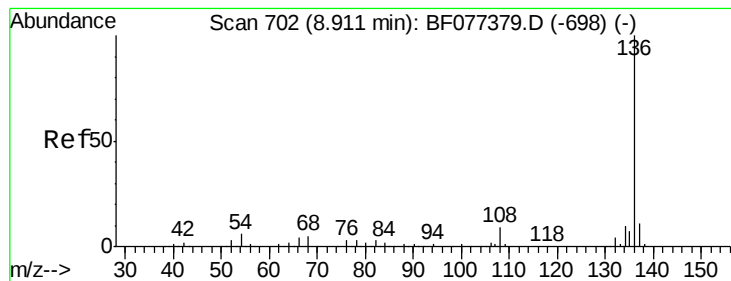


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.78 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077624.D

Acq: 6 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

DCW-WW-067-3315DL

Tgt Ion:136 Resp: 247129

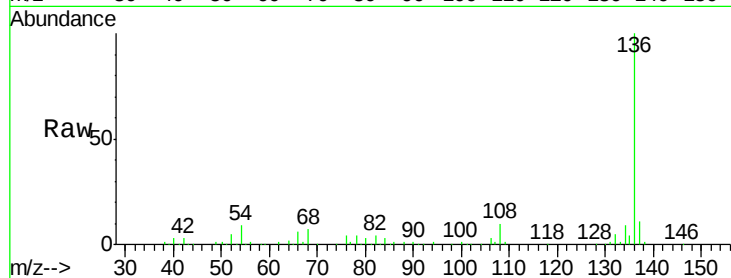
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.3 6.2 9.4

68 7.3 5.0 7.6

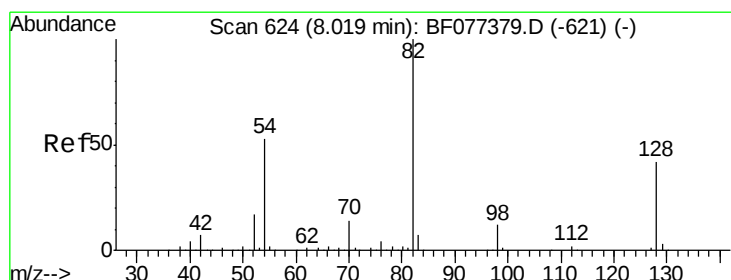
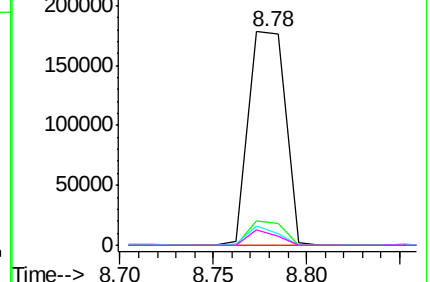
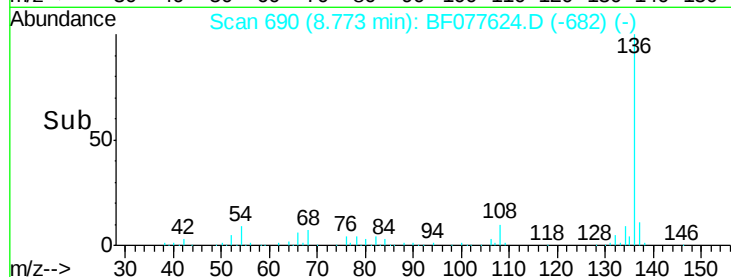


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.88 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF077624.D

Acq: 6 Mar 2015 16:18

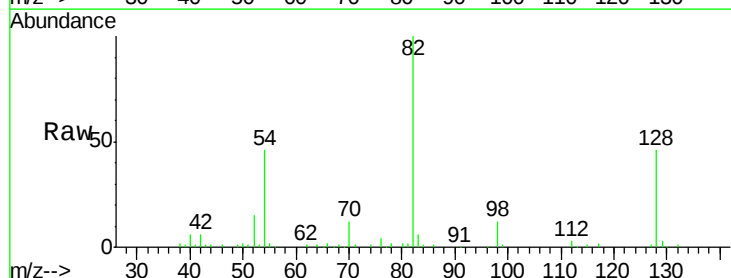
Tgt Ion: 82 Resp: 82990

Ion Ratio Lower Upper

82 100

128 45.6 43.8 65.8

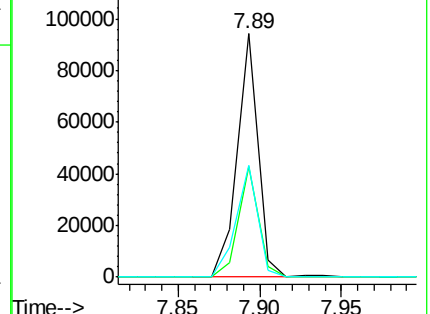
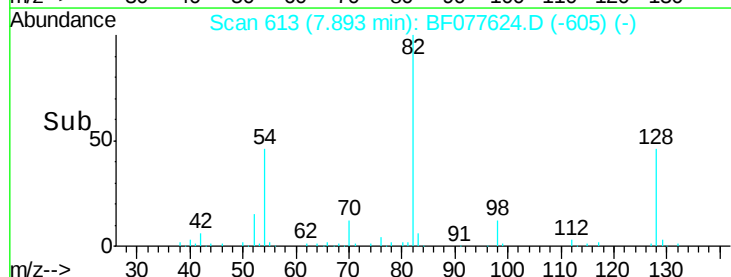
54 45.9 36.7 55.1

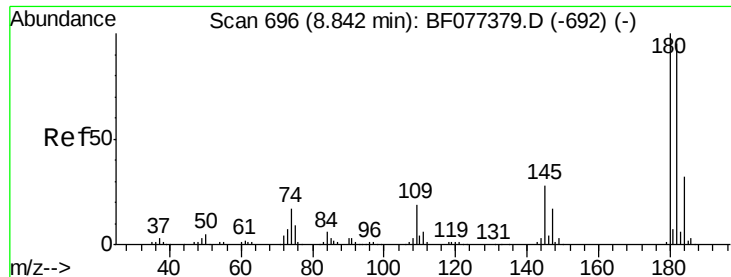


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

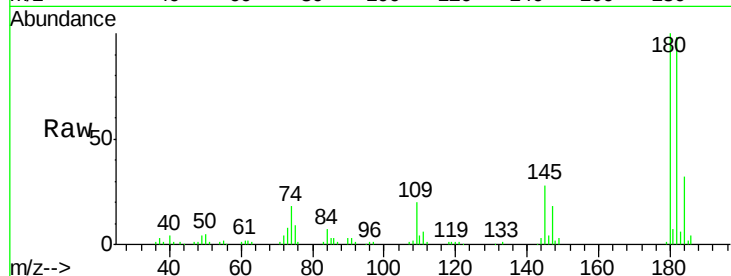




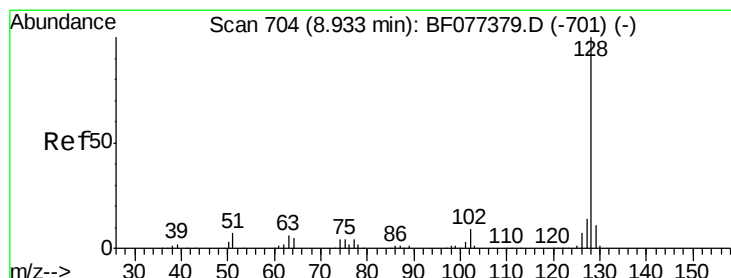
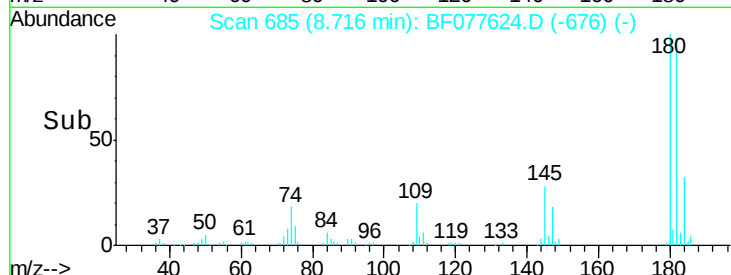
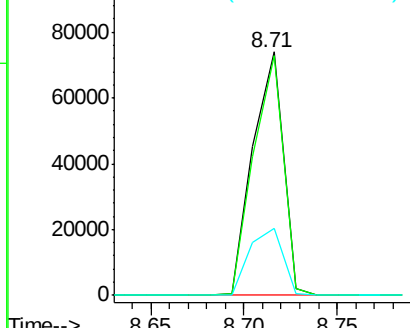
#30
 1,2,4-Trichlorobenzene
 Concen: 21.15 ng
 RT: 8.71 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315DL

Tgt Ion:180 Resp: 83695
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.2 114.4
 145 27.7 24.5 36.7

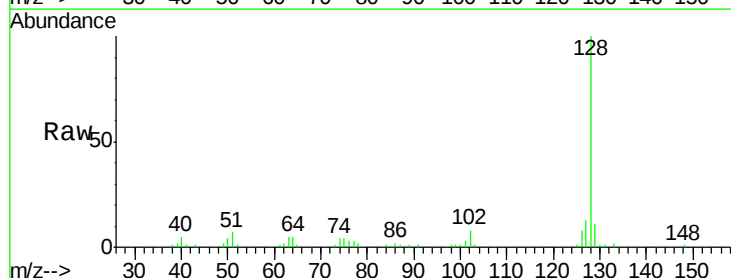


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

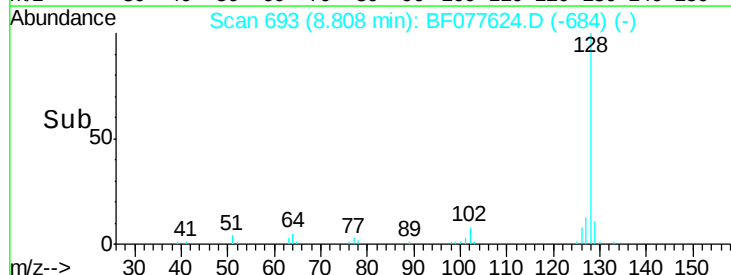
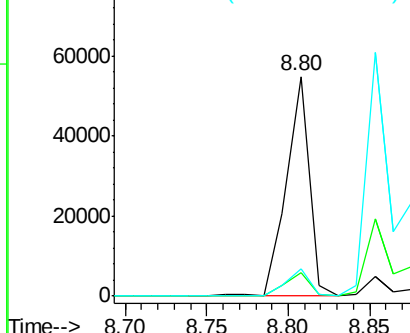


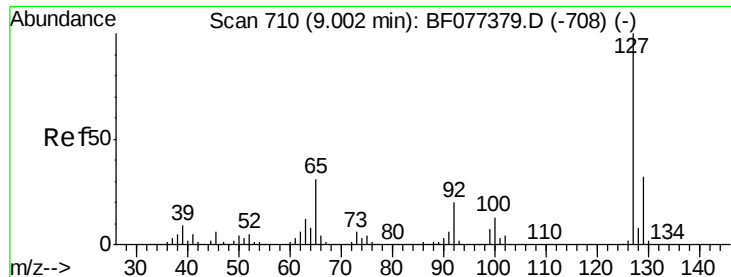
#31
 Naphthalene
 Concen: 4.37 ng
 RT: 8.80 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

Tgt Ion:128 Resp: 54023
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.4 14.0
 127 12.7 10.6 15.8



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

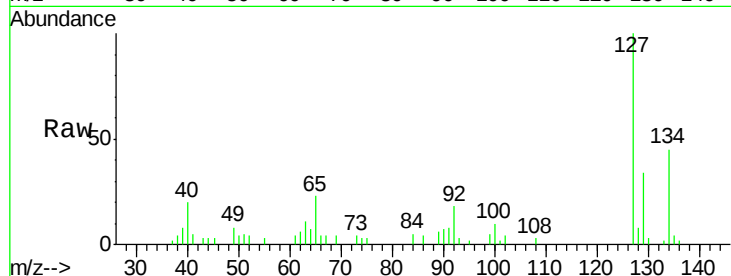




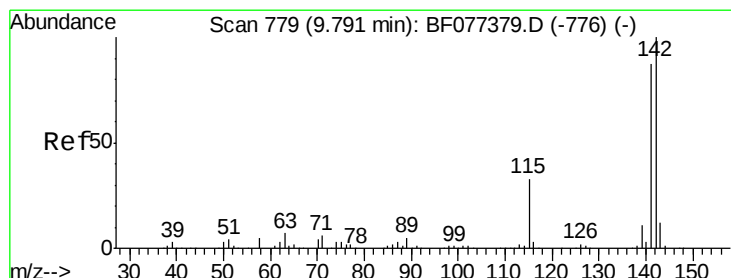
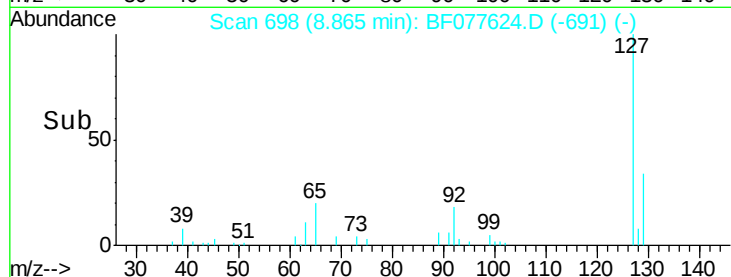
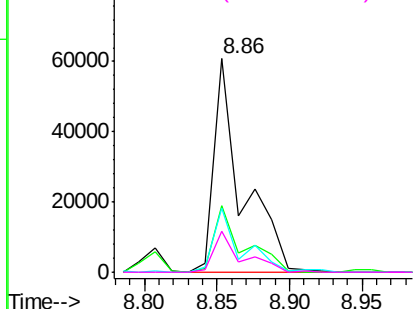
#33
4-Chloroaniline
Concen: 15.01 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

Tgt Ion:	127	Resp:	82464
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.9	40.3
65	22.9	16.7	25.1
92	18.0	12.5	18.7

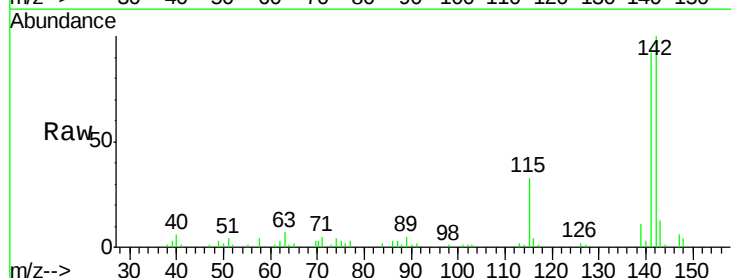


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

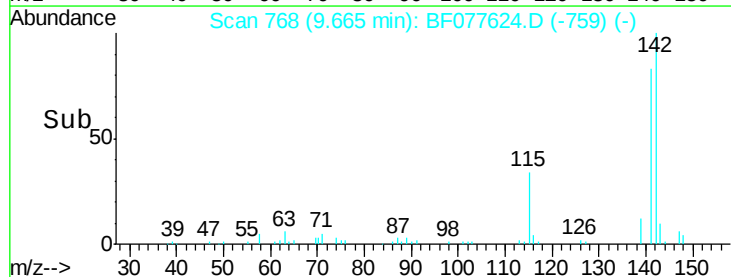
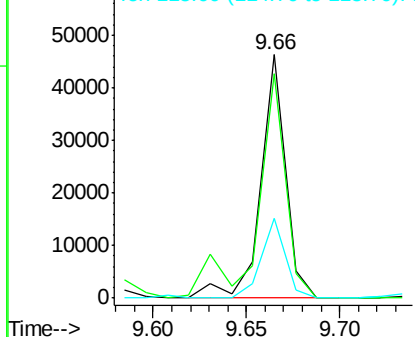


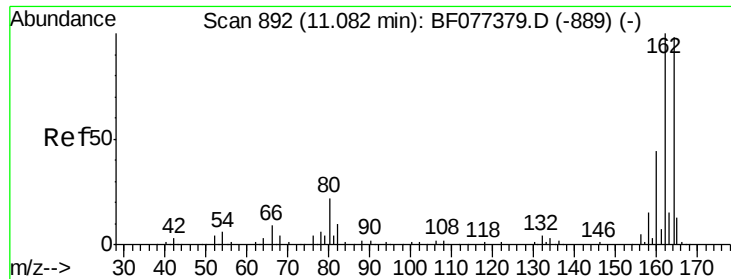
#37
2-Methylnaphthalene
Concen: 4.82 ng
RT: 9.66 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Tgt Ion:	142	Resp:	42317
Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.7	106.1
115	32.9	24.2	36.4



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

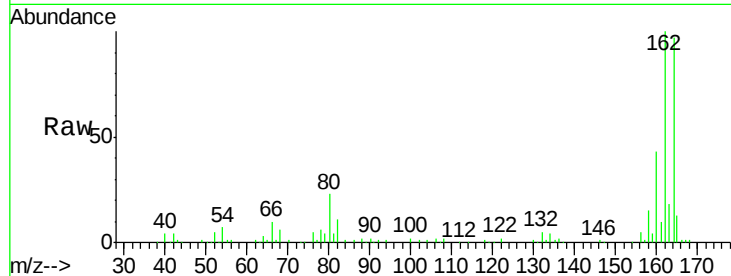




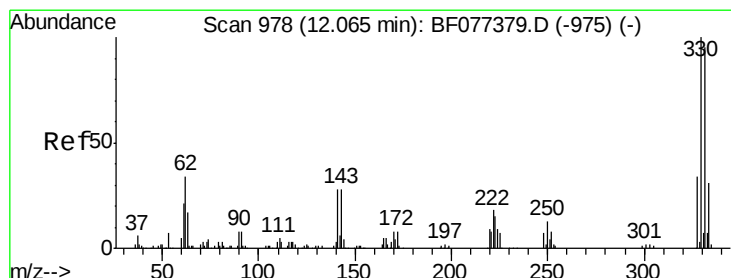
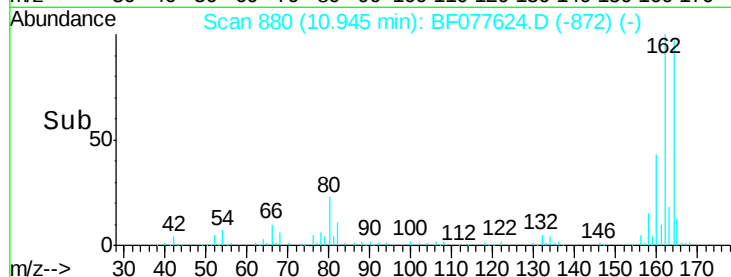
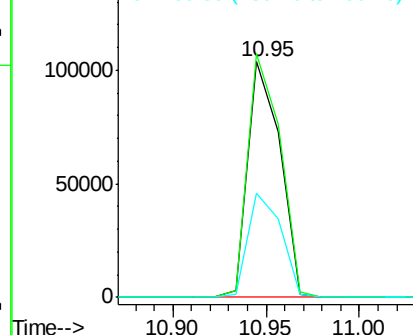
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

Tgt Ion:164 Resp: 124291
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 44.4 34.6 52.0

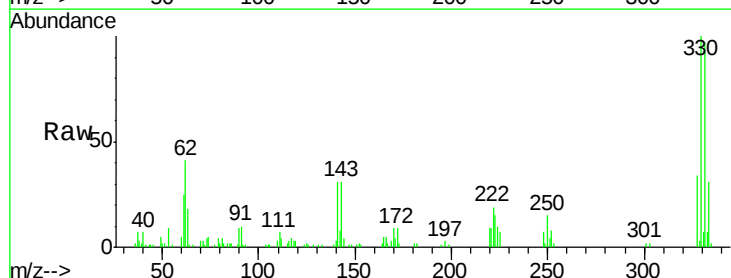


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

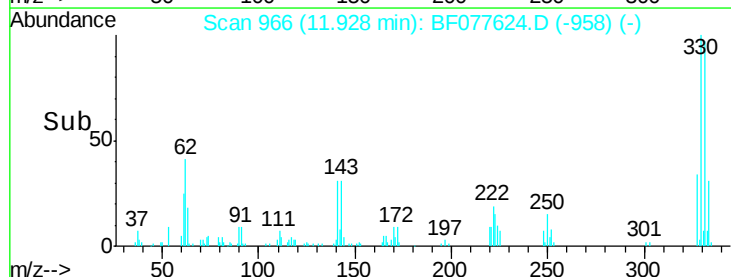
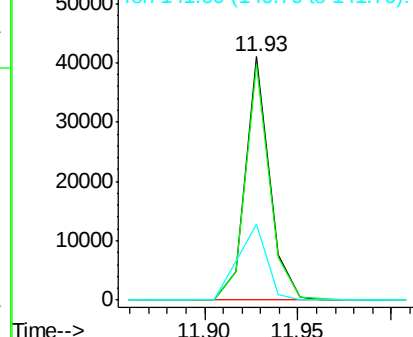


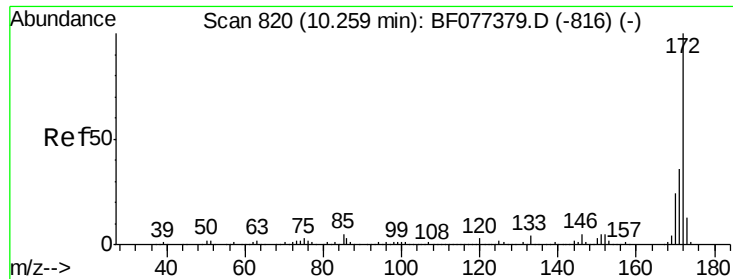
#41
2,4,6-Tribromophenol
Concen: 30.96 ng
RT: 11.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Tgt Ion:330 Resp: 37048
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 37.8 28.8 43.2



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

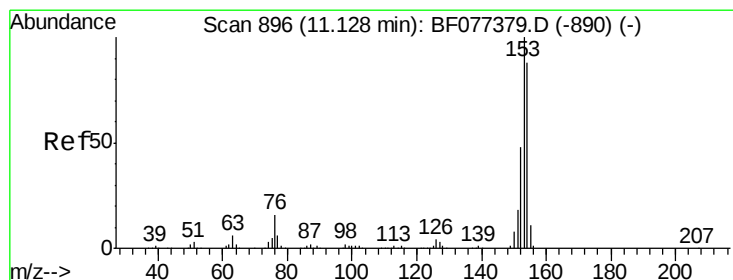
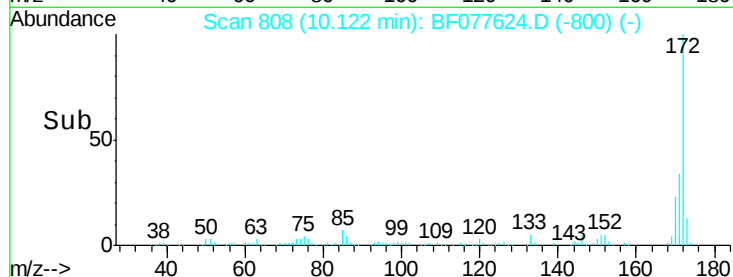
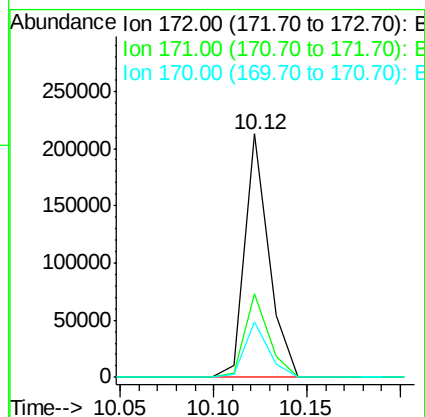
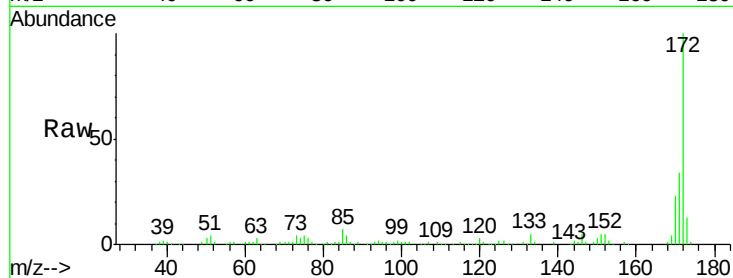




#44
2-Fluorobiphenyl
Concen: 23.91 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

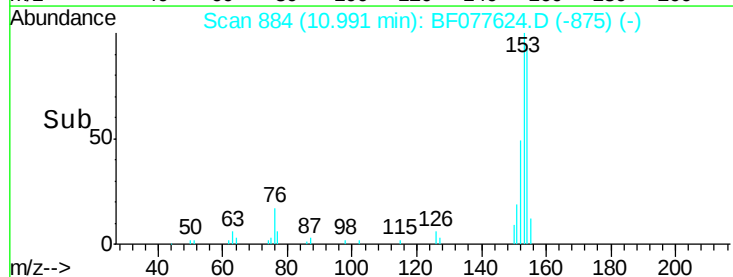
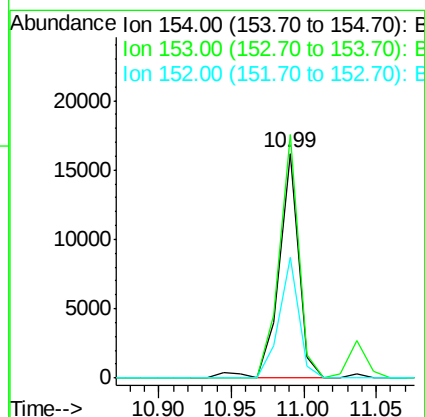
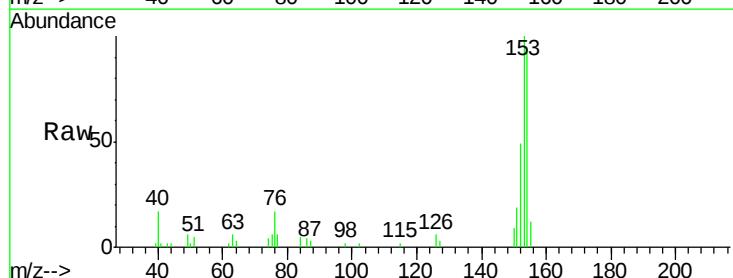
Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

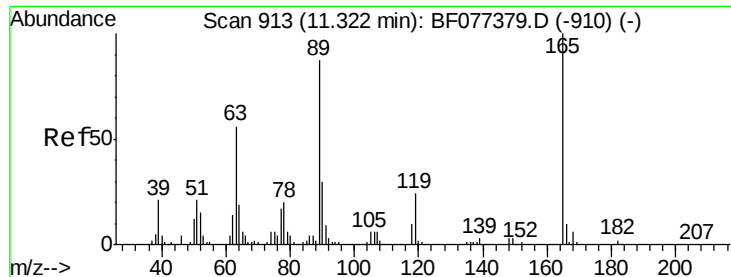
Tgt Ion:172 Resp: 190594
Ion Ratio Lower Upper
172 100
171 34.2 28.9 43.3
170 22.9 19.4 29.2



#51
Acenaphthene
Concen: 2.21 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Tgt Ion:154 Resp: 15407
Ion Ratio Lower Upper
154 100
153 108.5 90.5 135.7
152 53.5 43.5 65.3

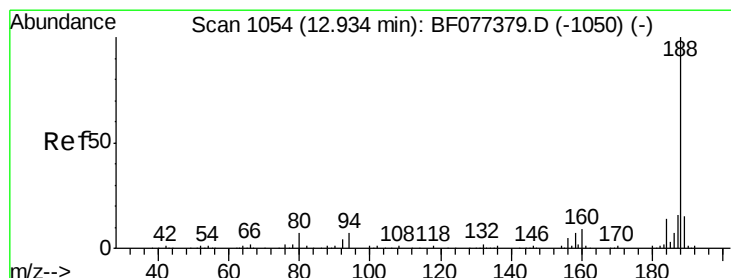
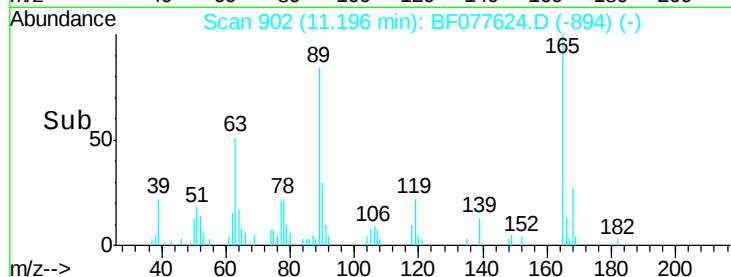
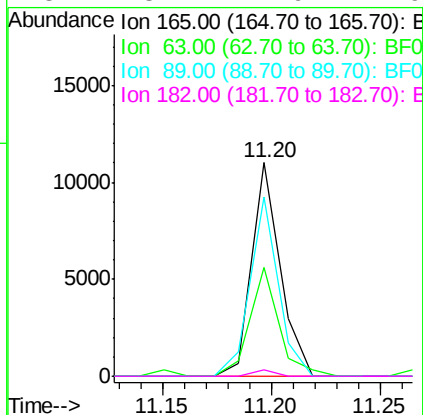
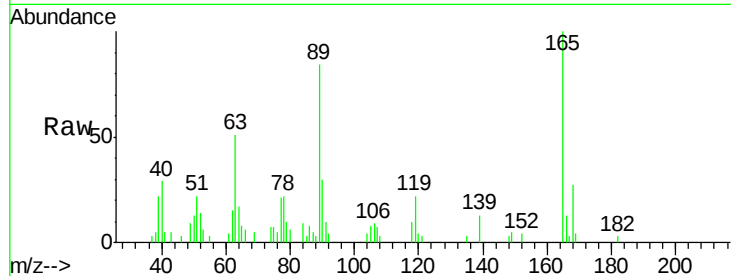




#56
 2,4-Dinitrotoluene
 Concen: 4.24 ng
 RT: 11.20 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

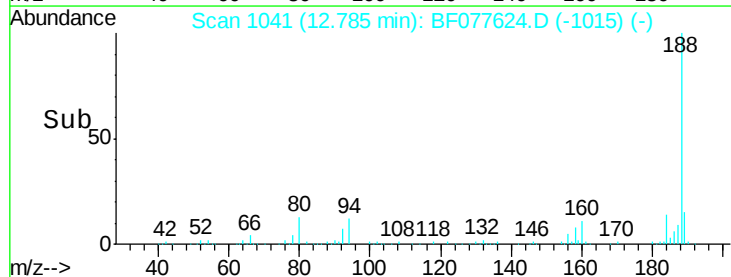
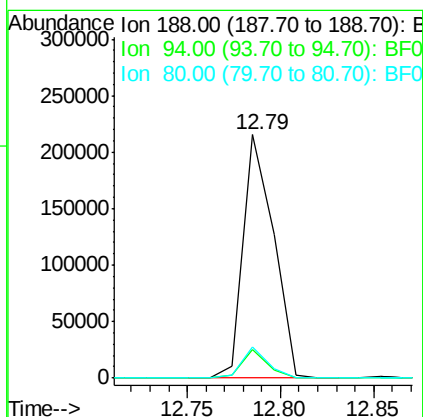
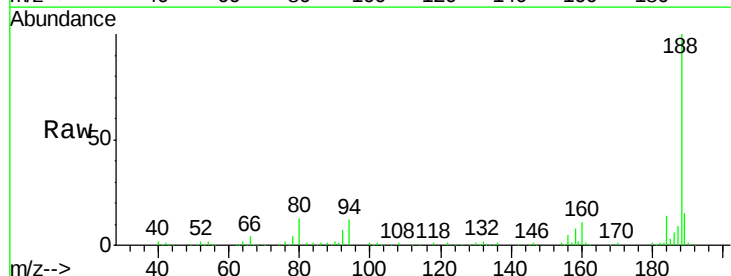
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315DL

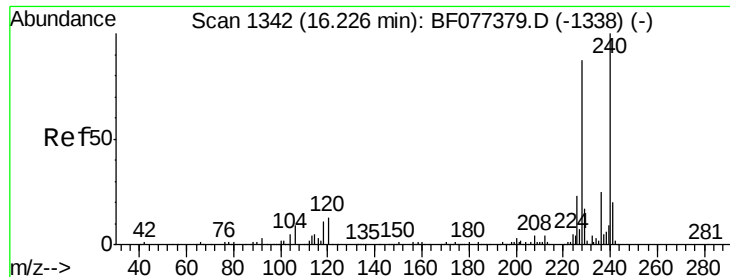
Tgt Ion:165 Resp: 10043
 Ion Ratio Lower Upper
 165 100
 63 50.8 29.8 44.8#
 89 84.2 48.5 72.7#
 182 3.1 1.9 2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

Tgt Ion:188 Resp: 244590
 Ion Ratio Lower Upper
 188 100
 94 11.7 7.4 11.2#
 80 12.5 8.0 12.0#

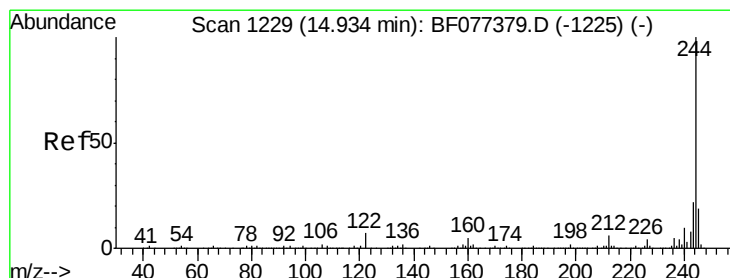
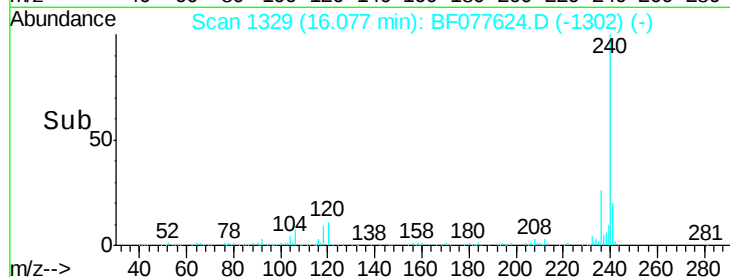
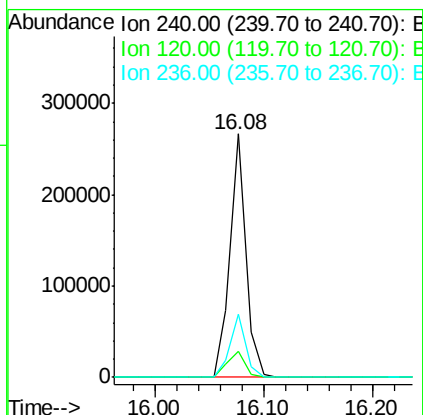
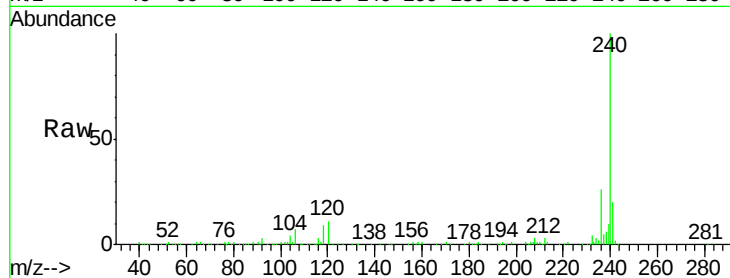




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

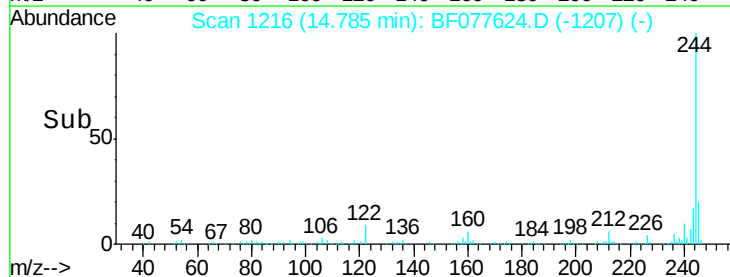
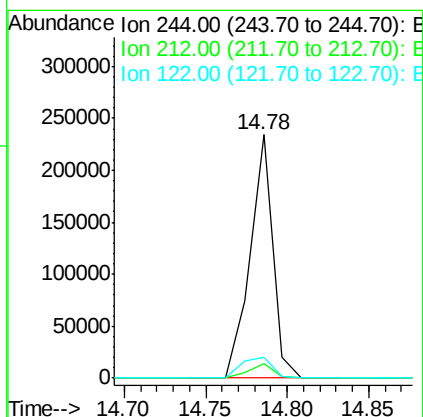
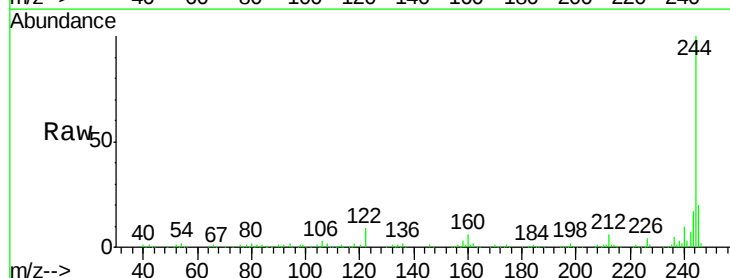
Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

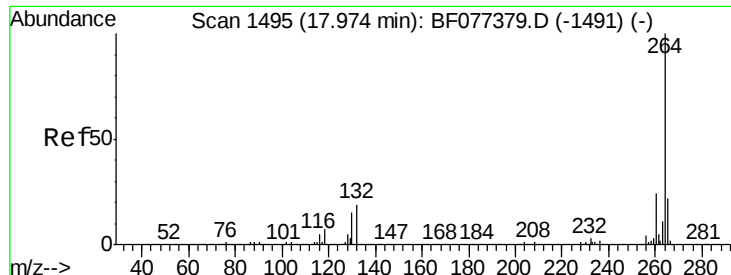
Tgt Ion: 240 Resp: 270938
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 19.60 ng
RT: 14.78 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Tgt Ion: 244 Resp: 227182
Ion Ratio Lower Upper
244 100
212 5.9 5.2 7.8
122 8.8 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.07 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

Tgt Ion: 264 Resp: 257483
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.7 16.8 25.2

