

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 22:33:00 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

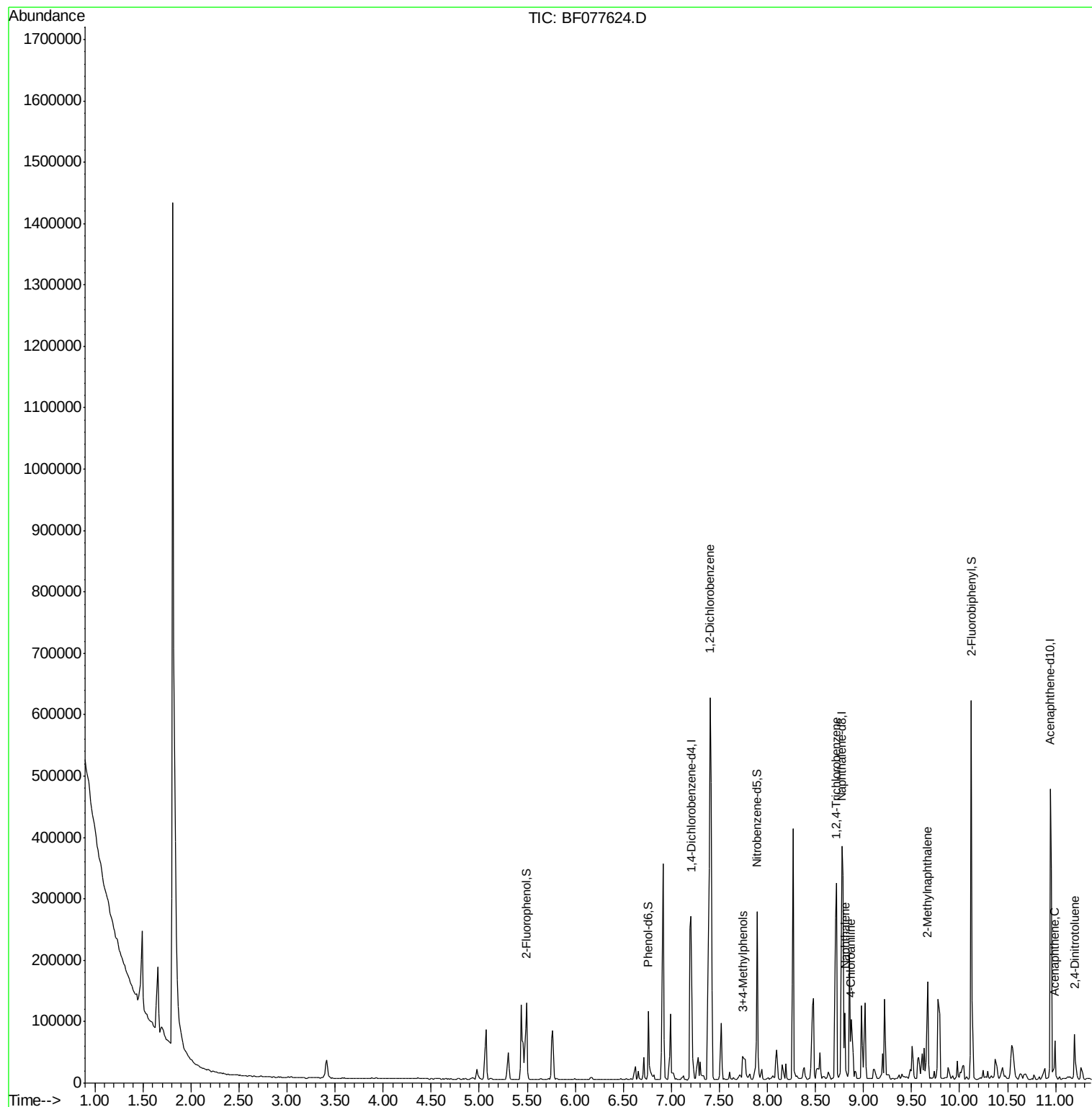
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	61421	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	247129	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	124291	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	244590	20.00	ng	0.00
75) Chrysene-d12	16.08	240	270938	20.00	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						
14) 1,2-Dichlorobenzene	7.41	146	184349	40.31	ng	Qvalue 94
20) 3+4-Methylphenols	7.75	107	21188	4.74	ng	# 25
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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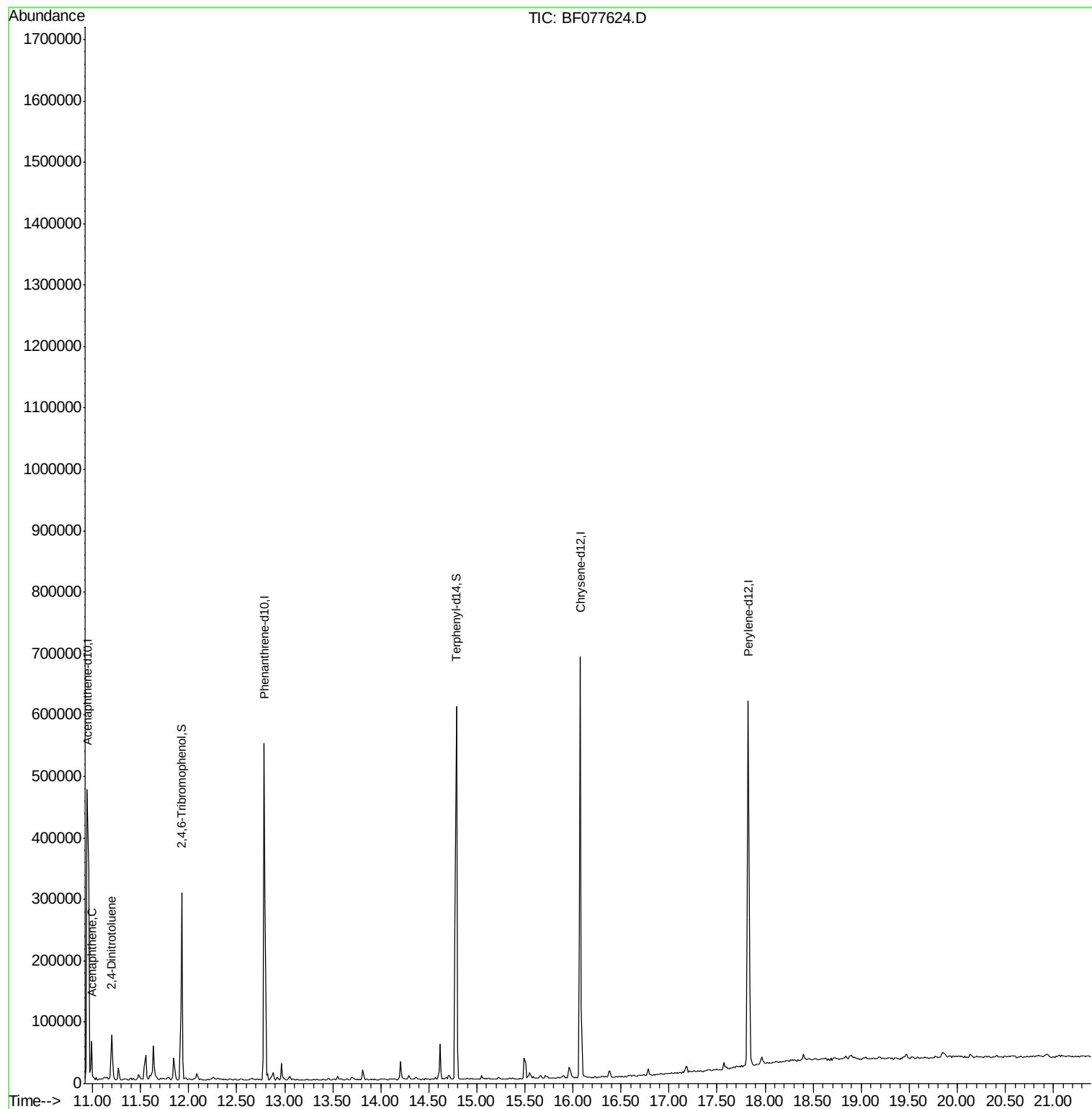
Quant Time: Mar 06 22:33:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration

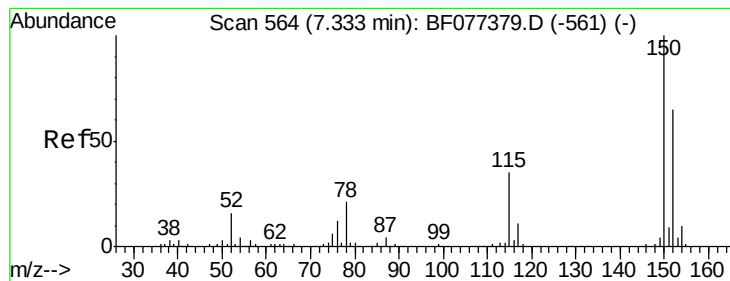


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Data File : BF077624.D
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DCW-WW-067-3315DL

Quant Time: Mar 06 22:33:00 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





#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

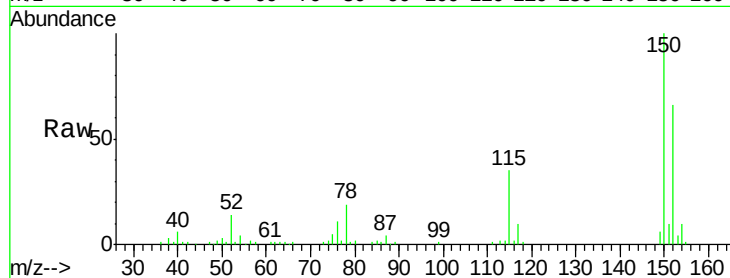
Tgt Ion:152 Resp: 61421

Ion Ratio Lower Upper

152 100

150 151.3 124.0 186.0

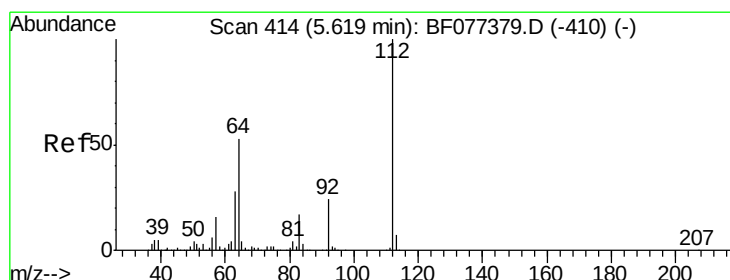
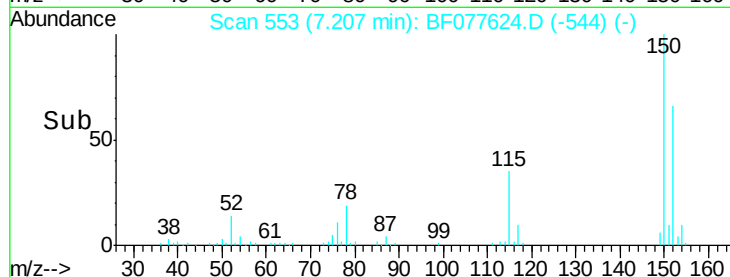
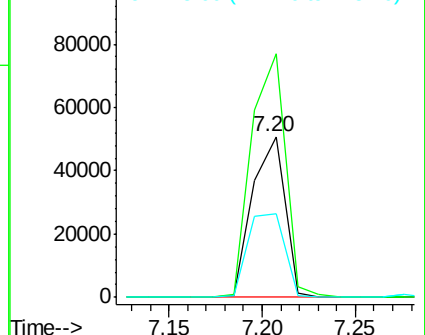
115 52.3 49.4 74.2



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

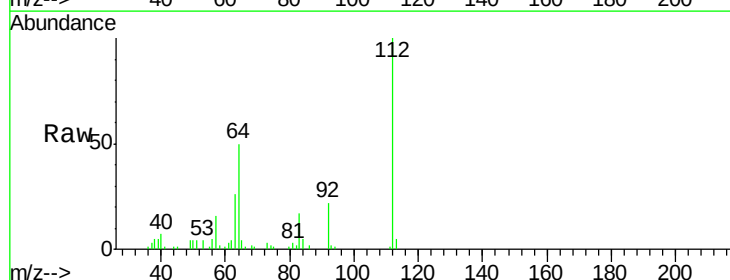
Tgt Ion:112 Resp: 47230

Ion Ratio Lower Upper

112 100

64 49.8 48.5 72.7

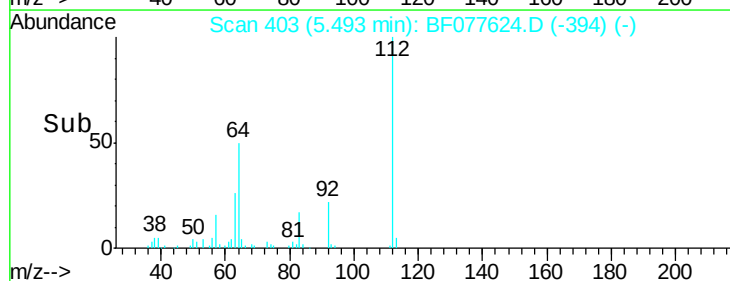
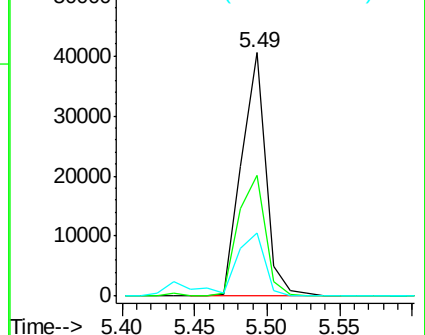
63 26.2 25.0 37.4

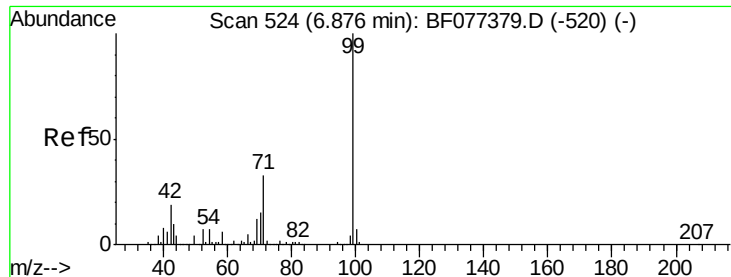


Abundance Ion 112.00 (111.70 to 112.70): E

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

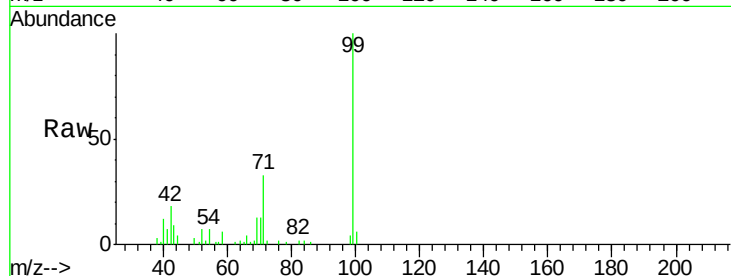
Tgt Ion: 99 Resp: 37421

Ion Ratio Lower Upper

99 100

42 17.8 16.2 24.4

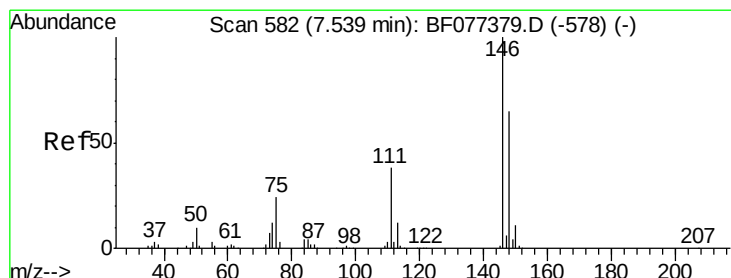
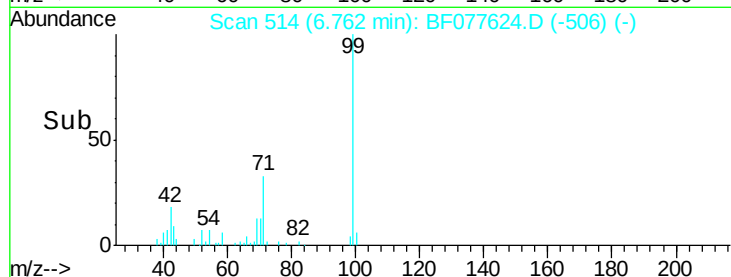
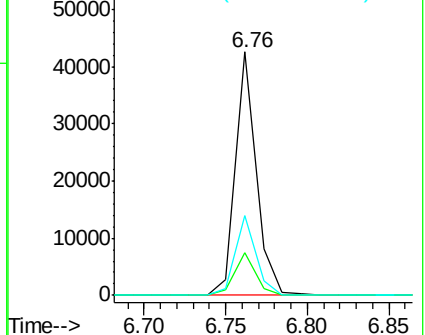
71 33.0 26.7 40.1



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

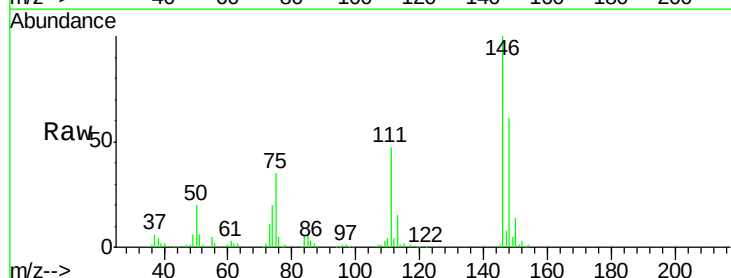
Tgt Ion: 146 Resp: 184349

Ion Ratio Lower Upper

146 100

148 60.9 51.6 77.4

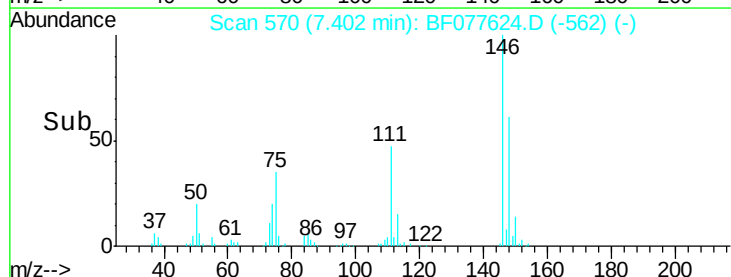
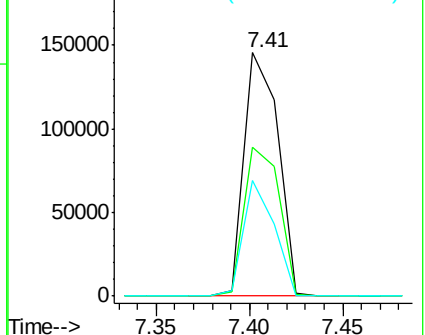
111 47.3 34.2 51.2

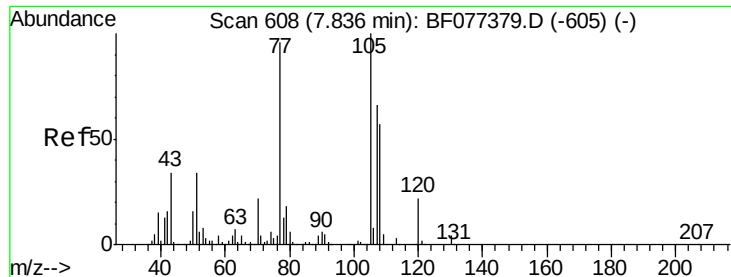


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

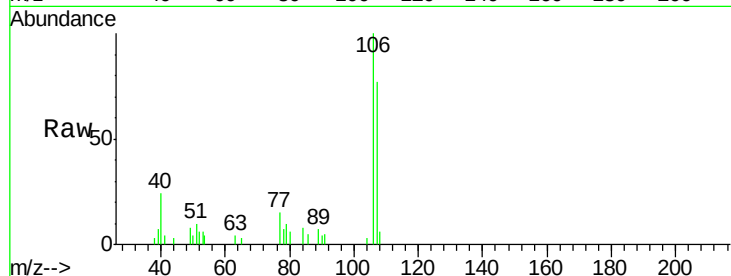




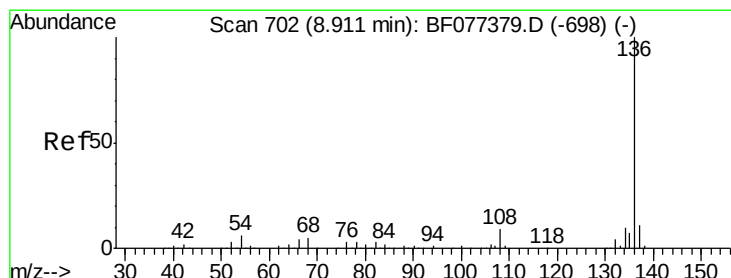
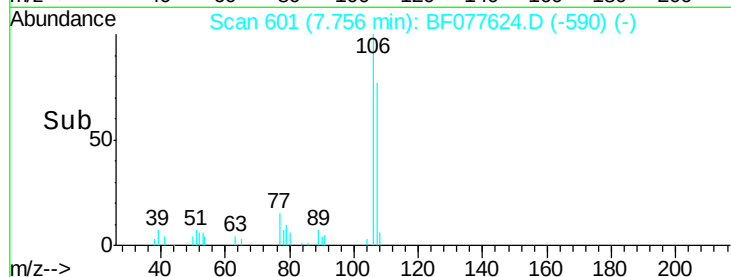
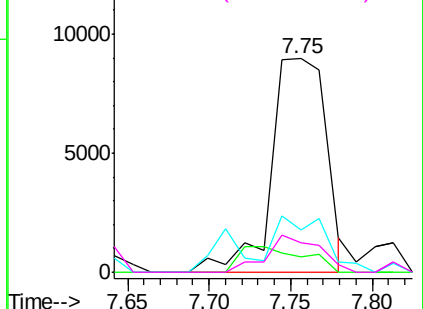
#20
3+4-Methylphenols
Concen: 4.74 ng
RT: 7.75 min Scan# 601
Delta R.T. 0.03 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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

Tgt Ion:107 Resp: 21188
Ion Ratio Lower Upper
107 100
108 7.5 76.8 116.8#
77 20.1 65.8 105.8#
79 13.6 9.6 49.6

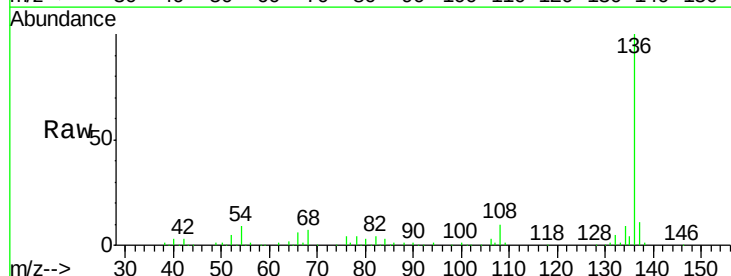


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

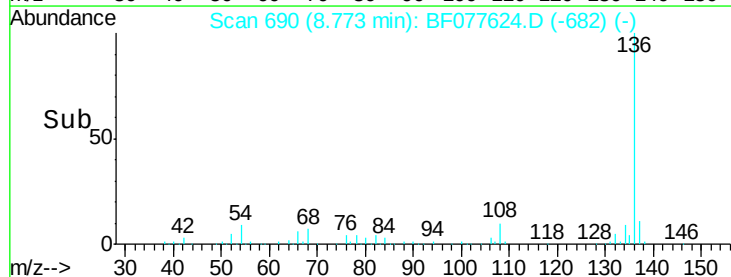
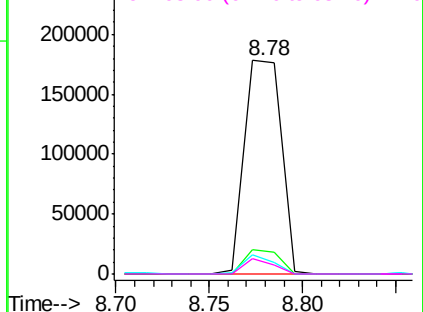


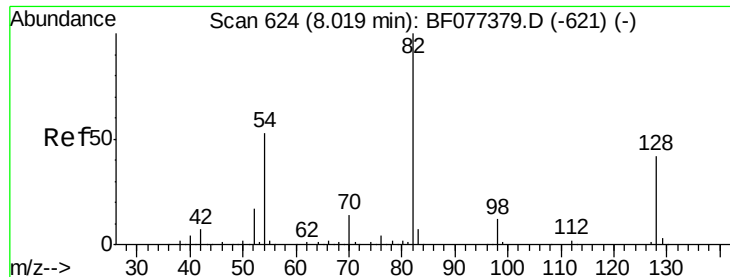
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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

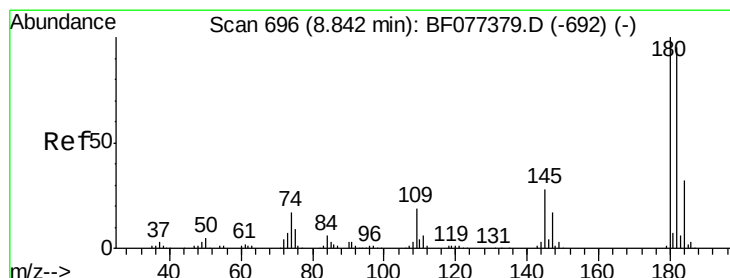
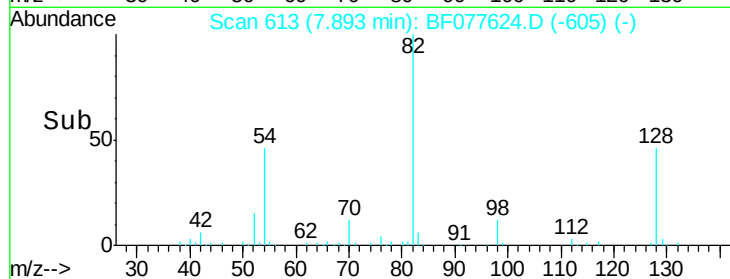
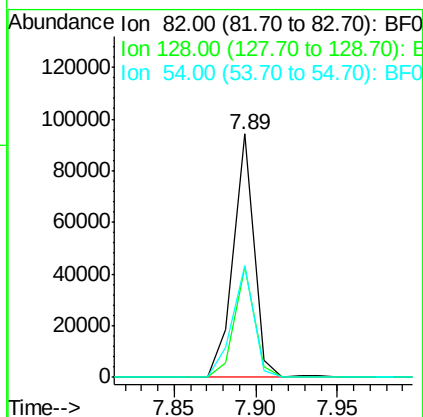
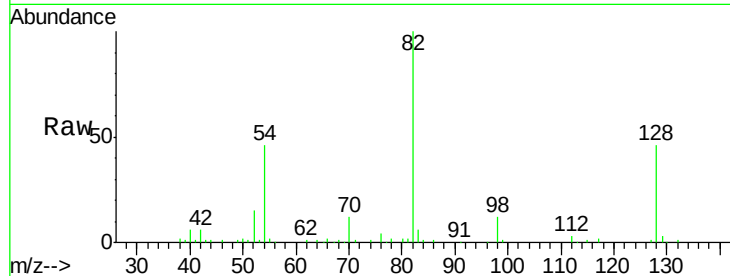




#23
 Nitrobenzene-d5
 Concen: 20.88 ng
 RT: 7.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

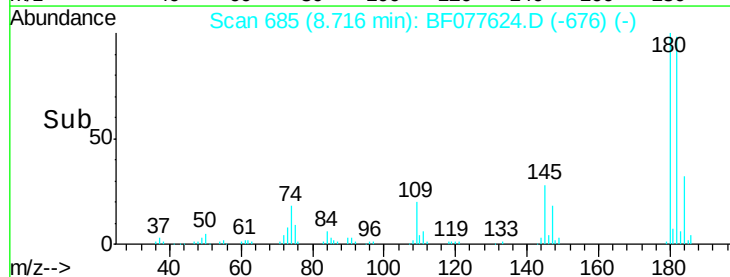
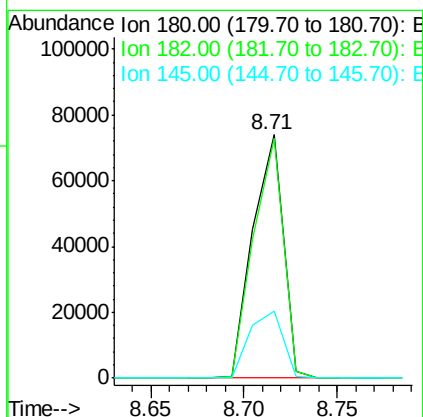
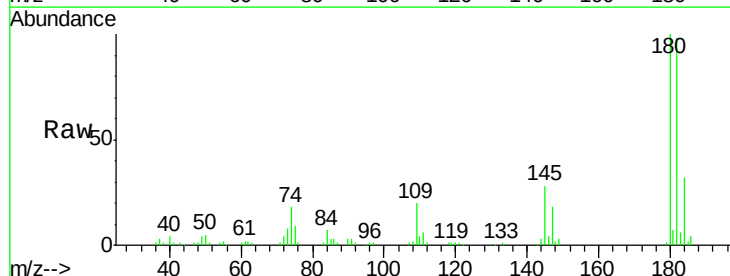
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315DL

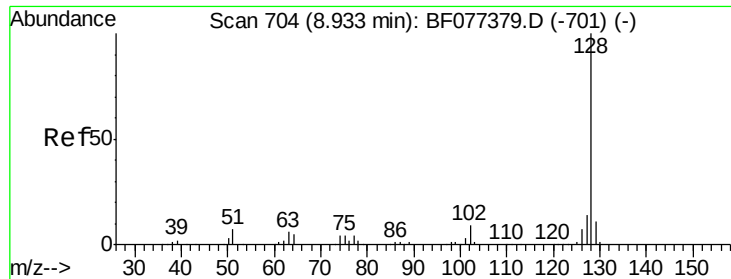
Tgt Ion: 82 Resp: 82990
 Ion Ratio Lower Upper
 82 100
 128 45.6 43.8 65.8
 54 45.9 36.7 55.1



#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

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

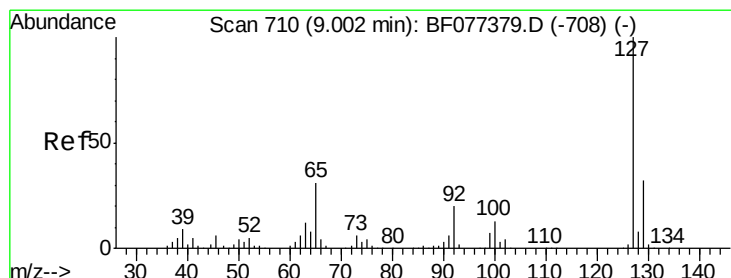
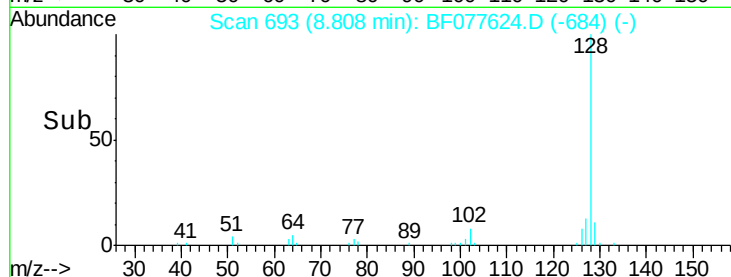
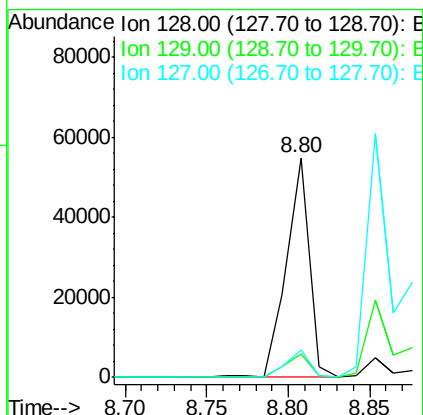
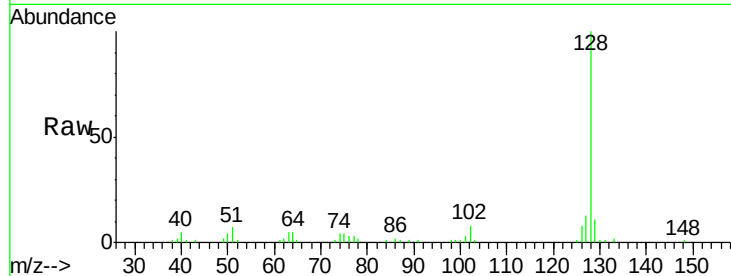




#31
Naphthalene
Concen: 4.37 ng
RT: 8.80 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

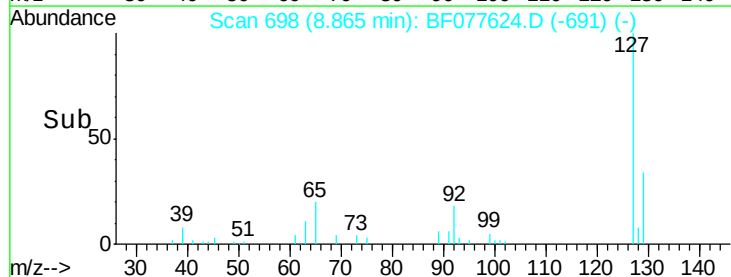
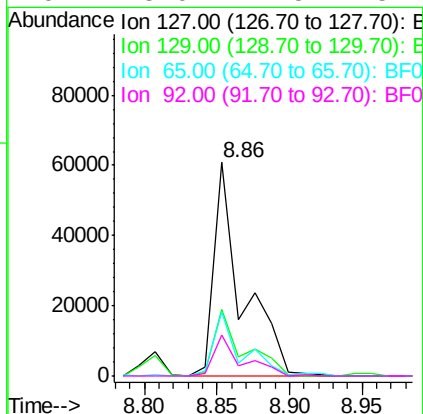
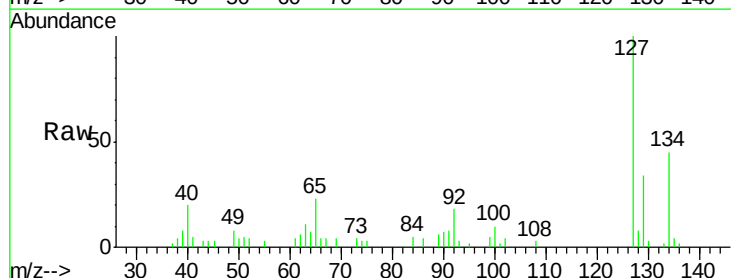
Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315DL

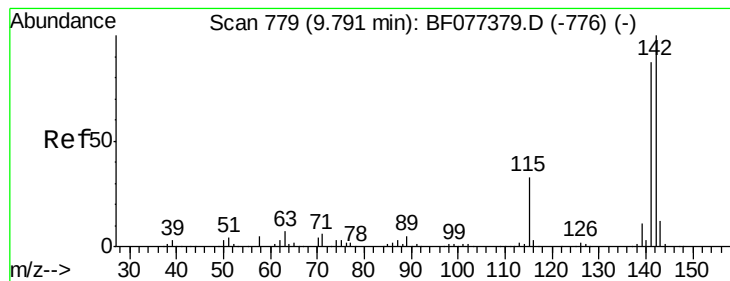
Tgt Ion:128 Resp: 54023
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.7 10.6 15.8



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-067-3315DL

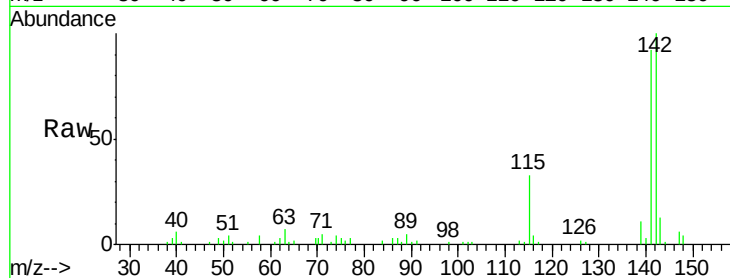
Tgt Ion:142 Resp: 42317

Ion Ratio Lower Upper

142 100

141 92.2 70.7 106.1

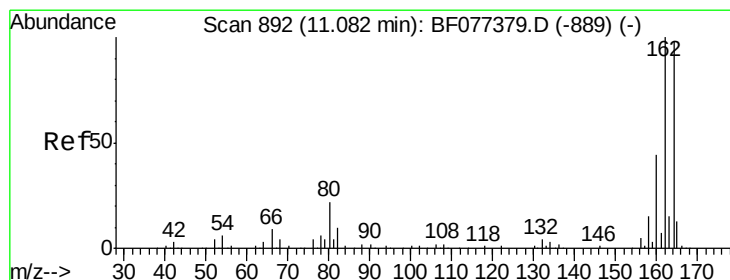
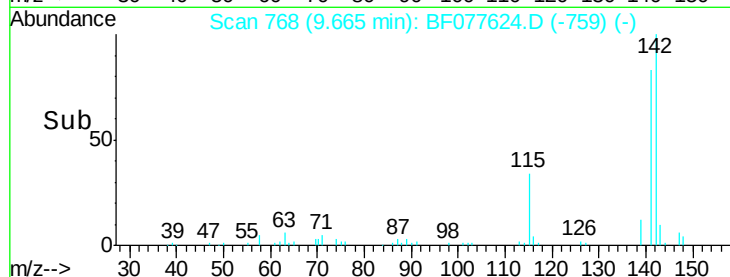
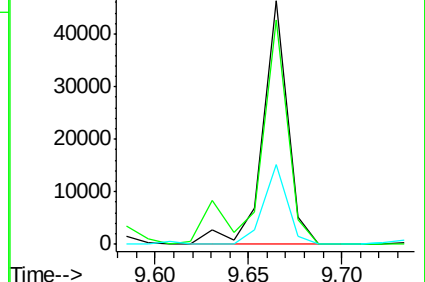
115 32.9 24.2 36.4



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

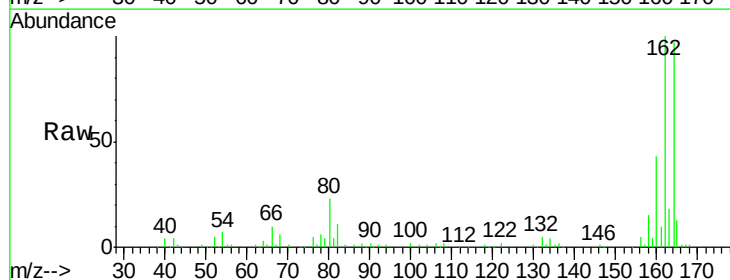
Tgt Ion:164 Resp: 124291

Ion Ratio Lower Upper

164 100

162 103.4 83.2 124.8

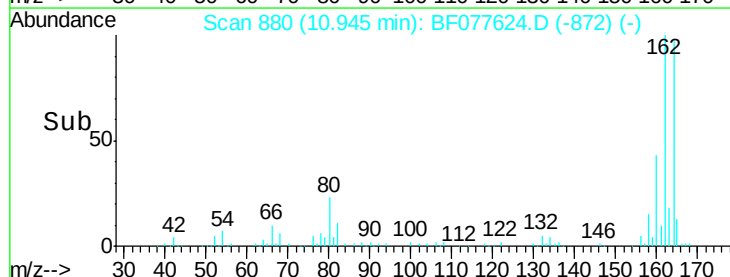
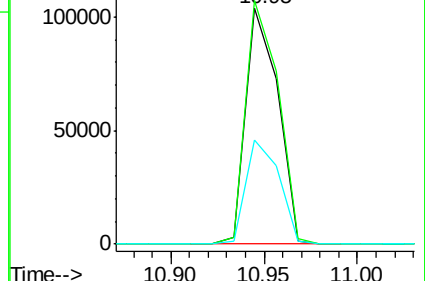
160 44.4 34.6 52.0

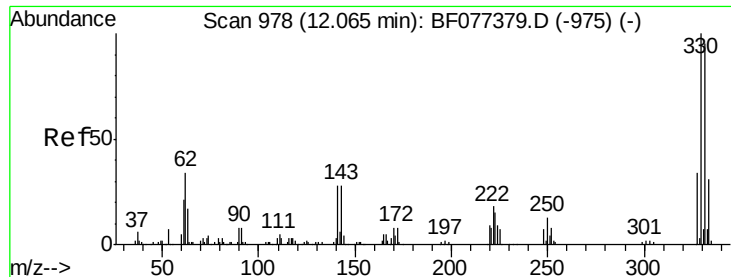


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

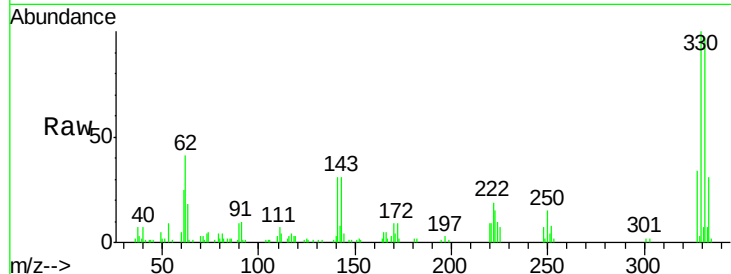




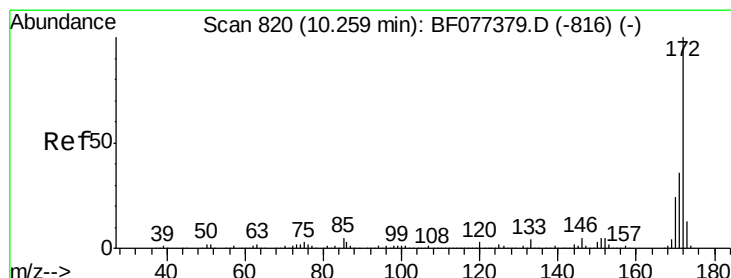
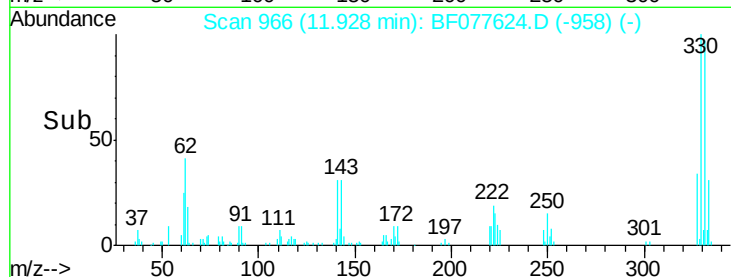
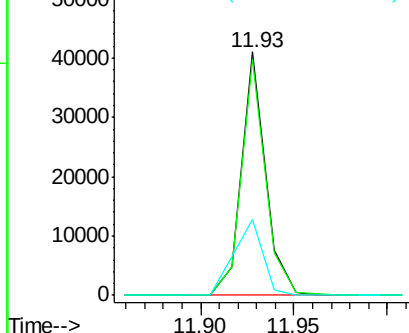
#41
 2,4,6-Tribromophenol
 Concen: 30.96 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

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

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

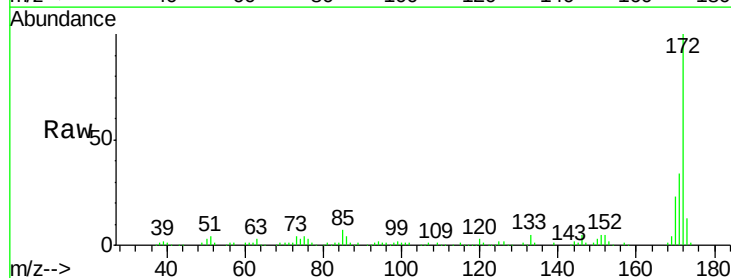


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

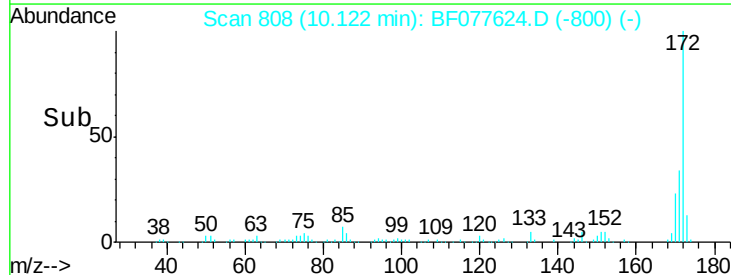
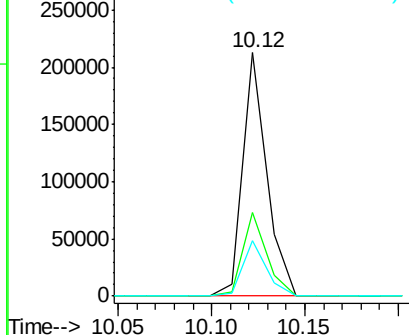


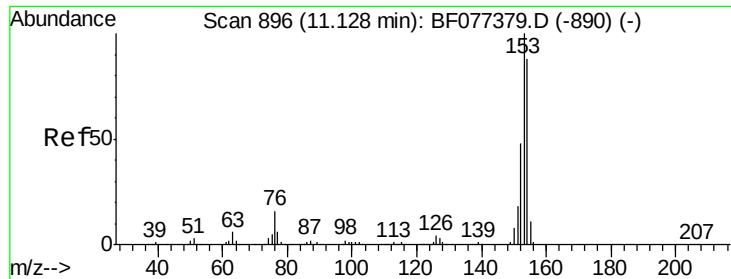
#44
 2-Fluorobiphenyl
 Concen: 23.91 ng
 RT: 10.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

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



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

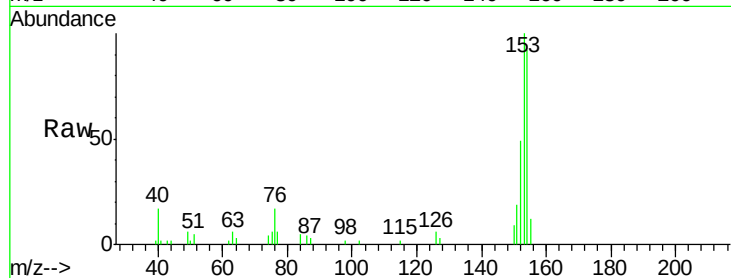




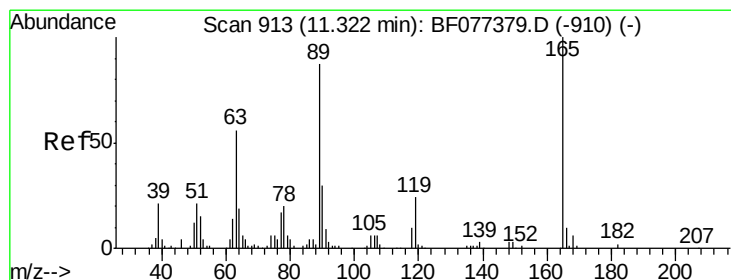
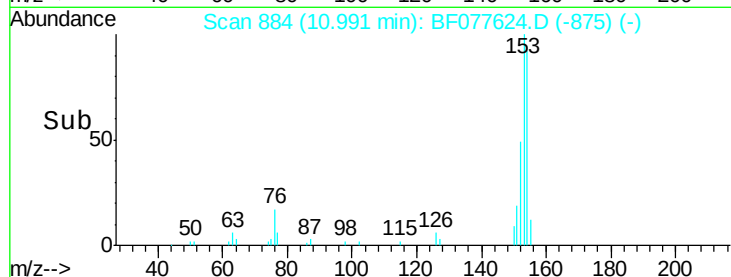
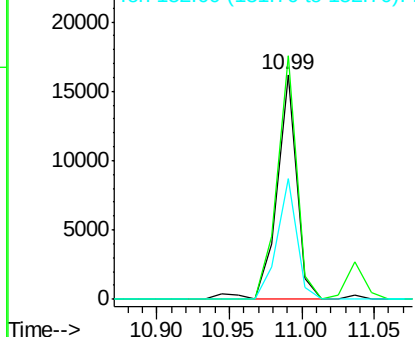
#51
Acenaphthene
Concen: 2.21 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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

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

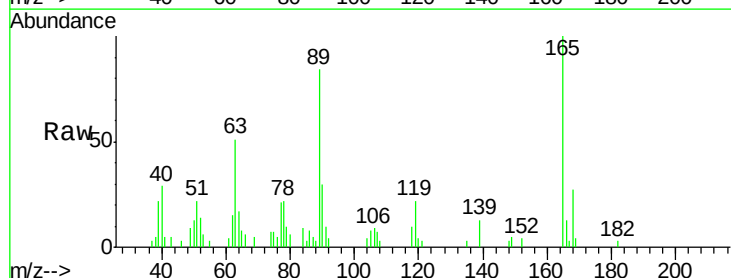


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

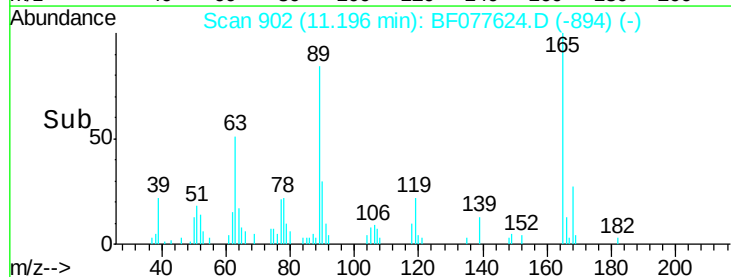
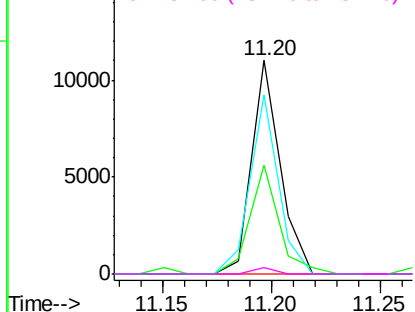


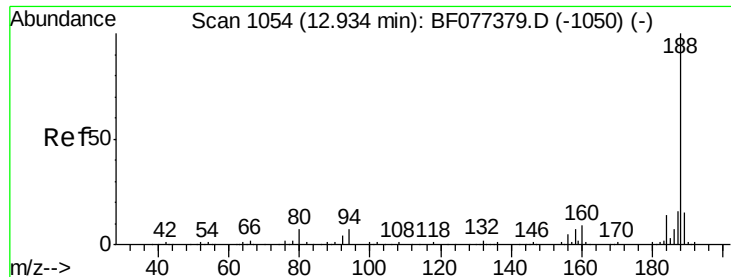
#56
2,4-Dinitrotoluene
Concen: 4.24 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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#



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

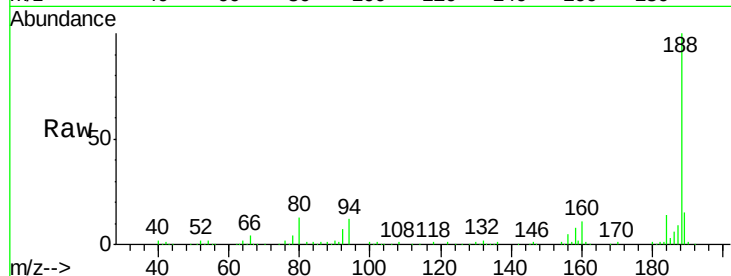




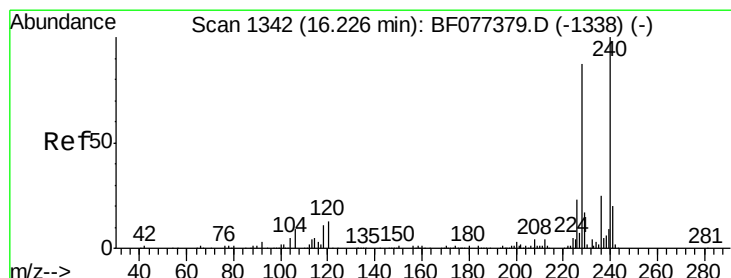
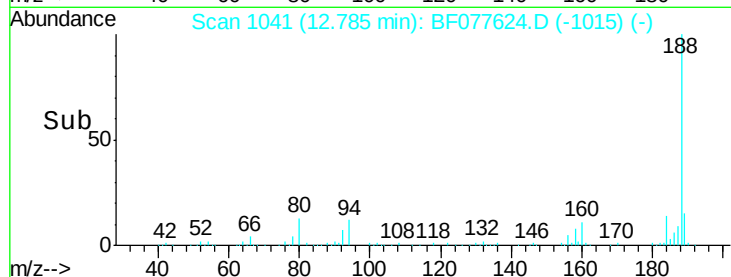
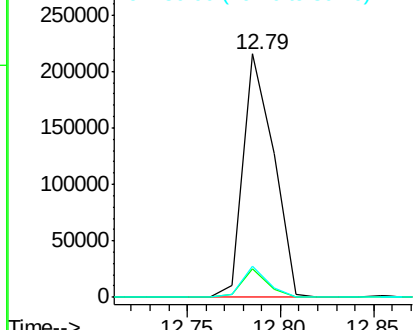
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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

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#

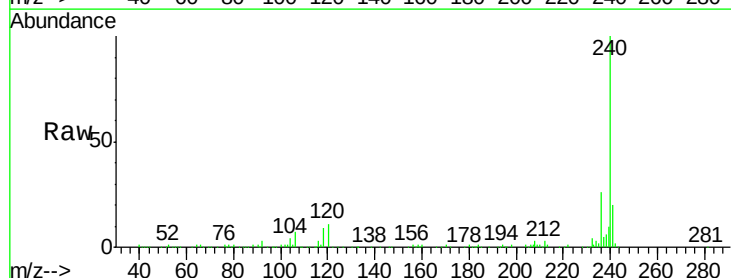


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

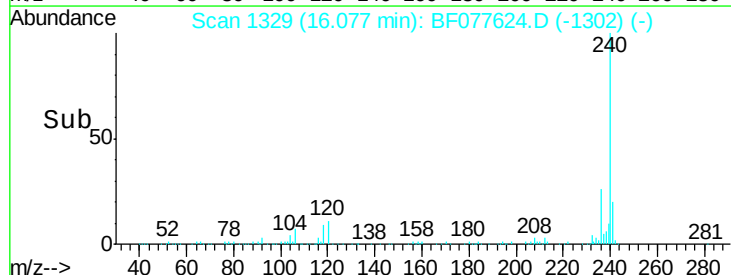
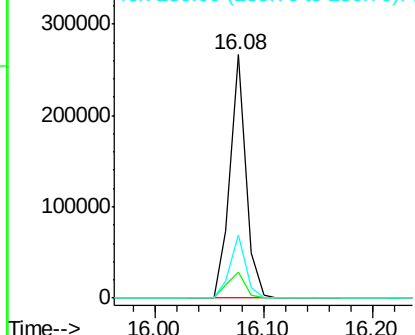


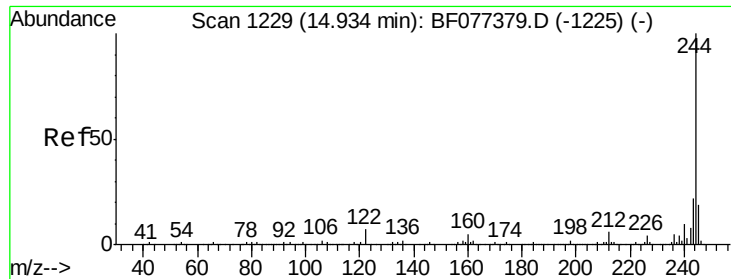
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077624.D
Acq: 6 Mar 2015 16:18

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



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

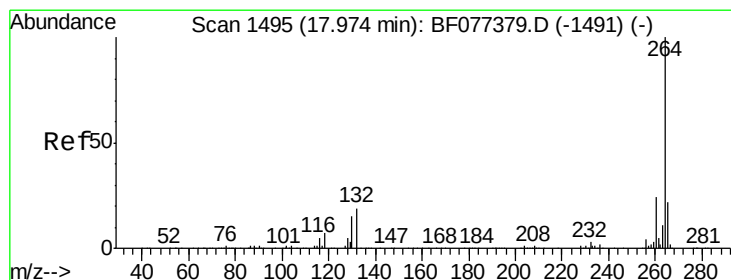
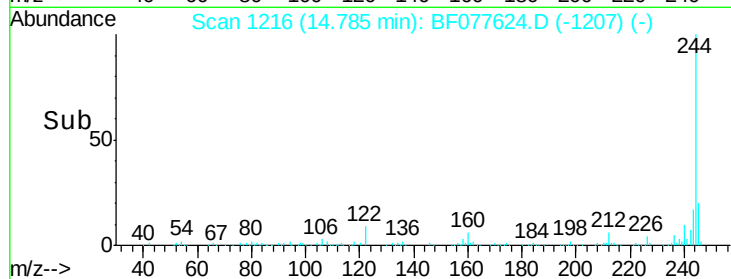
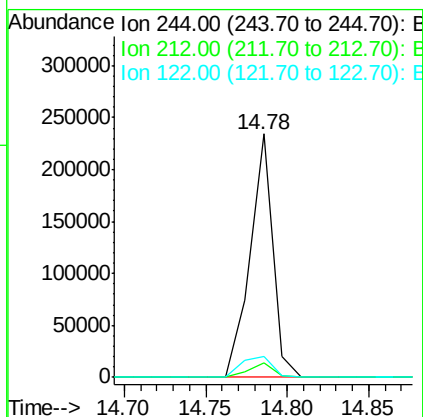
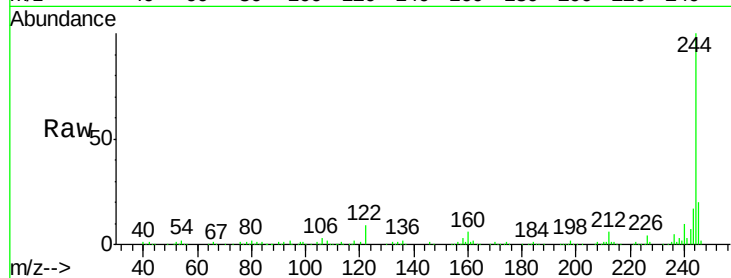




#78
 Terphenyl-d14
 Concen: 19.60 ng
 RT: 14.78 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF077624.D
 Acq: 6 Mar 2015 16:18

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

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

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

