

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075594.D
 Acq On : 16 Nov 2014 22:05
 Operator : TP / JJ
 Sample : F4742-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021-111214

Quant Time: Nov 17 06:06:58 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

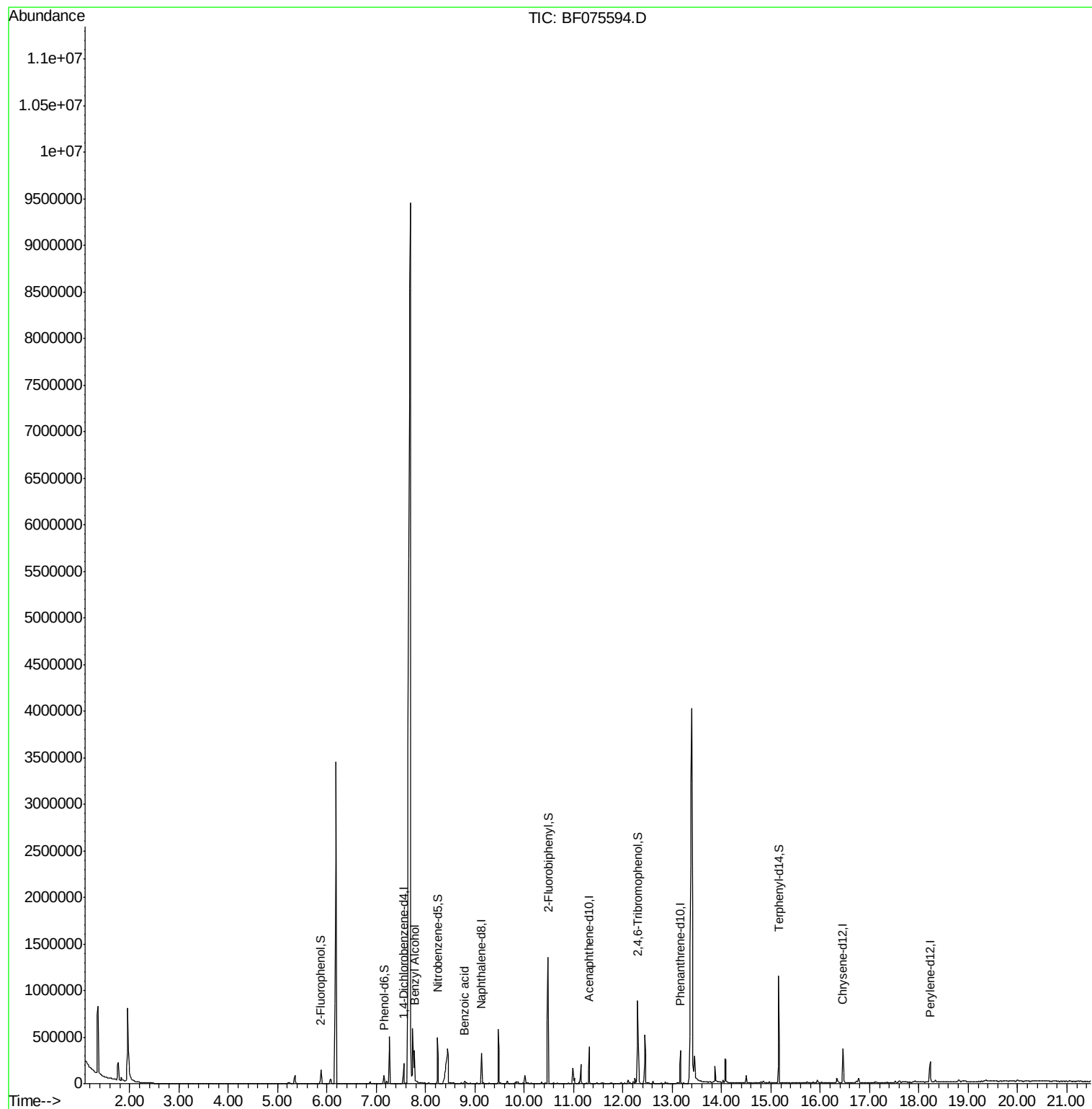
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	35619	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	141139	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	93997	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	157531	20.00	ng	0.00
75) Chrysene-d12	16.46	240	138504	20.00	ng	-0.01
86) Perylene-d12	18.23	264	121165	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	69699	34.57	ng	0.02
7) Phenol-d6	7.16	99	49120	20.26	ng	0.05
23) Nitrobenzene-d5	8.24	82	181582	94.32	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	109388	138.94	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	515284	99.06	ng	0.00
78) Terphenyl-d14	15.16	244	411387	79.96	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.77	79	65761	34.55	ng	96
32) Benzoic acid	8.79	122	8036	6.75	ng	88

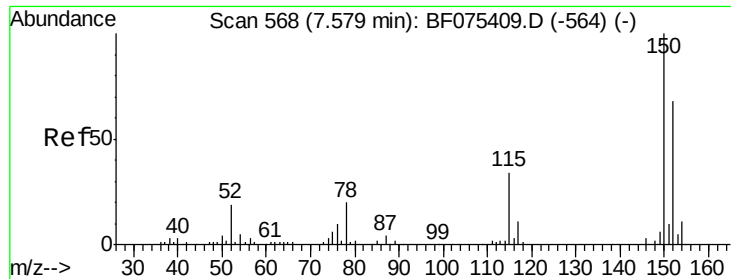
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

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BNA_F

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DCW-WW-021-111214

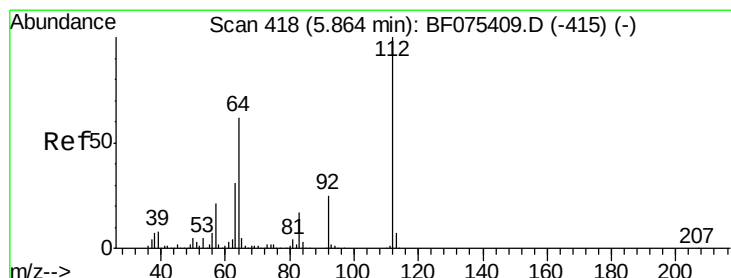
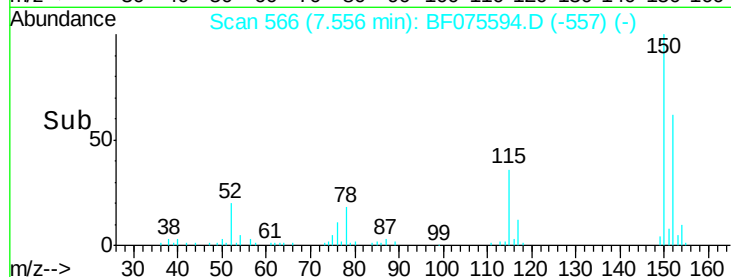
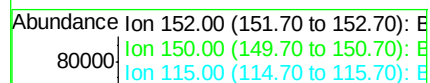
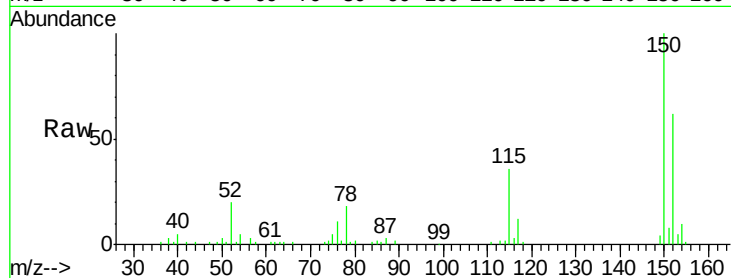
Tot Ion:152 Resp: 35619

Ion Ratio Lower Upper

152 100

150 161.0 127.2 190.8

115 58.1 57.1 85.7



#5

2-Fluorophenol

Concen: 34.57 ng

RT: 5.88 min Scan# 419

Delta R.T. 0.02 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

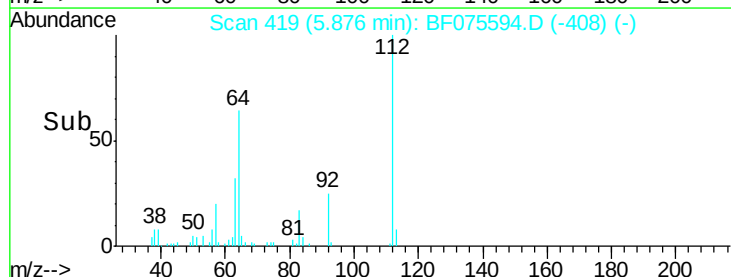
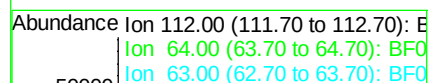
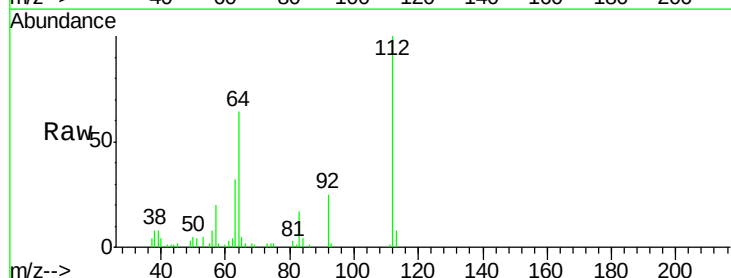
Tgt Ion:112 Resp: 69699

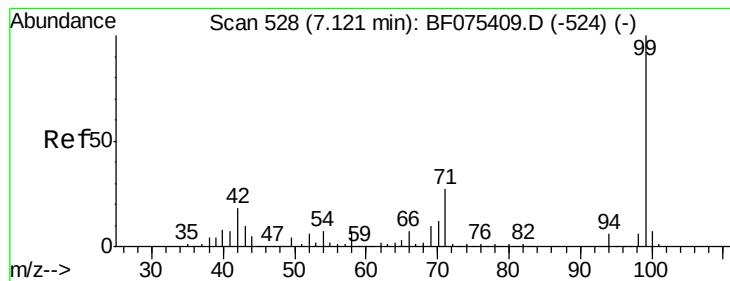
Ion Ratio Lower Upper

112 100

64 64.0 45.8 68.6

63 32.2 22.7 34.1





#7

Phenol-d6

Concen: 20.26 ng

RT: 7.16 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

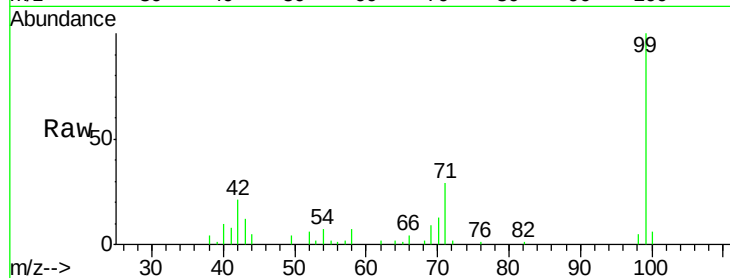
Tot Ion: 99 Resp: 49120

Ion Ratio Lower Upper

99 100

42 21.3 19.8 29.6

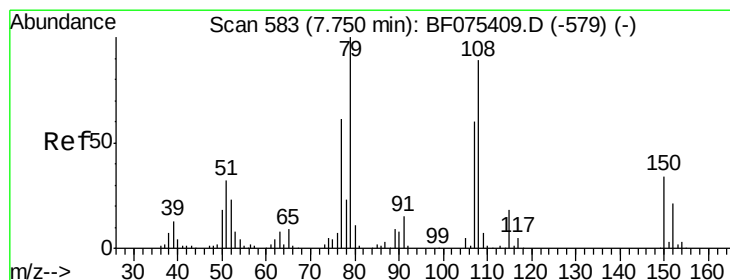
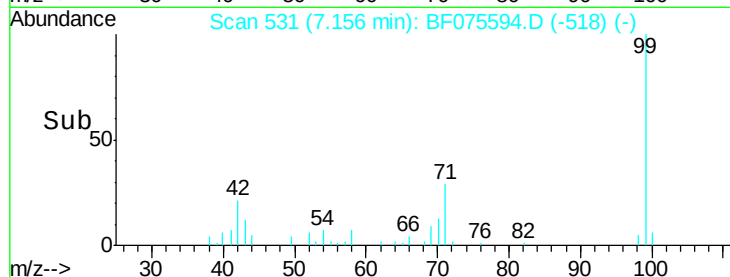
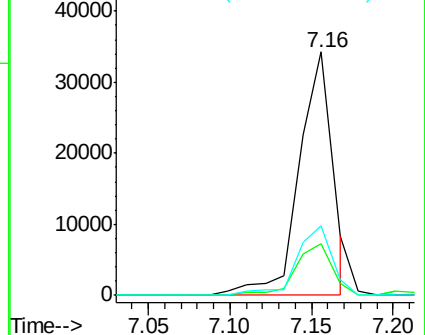
71 28.7 25.5 38.3



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: 34.55 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.05 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

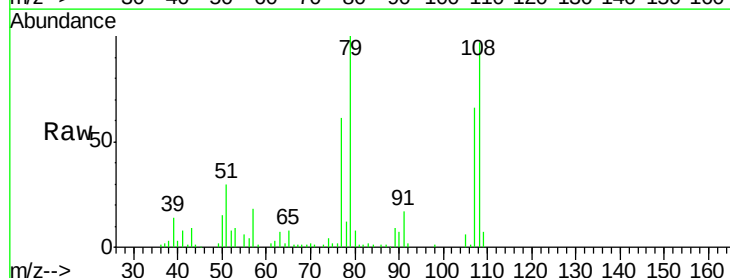
Tgt Ion: 79 Resp: 65761

Ion Ratio Lower Upper

79 100

108 97.2 75.5 113.3

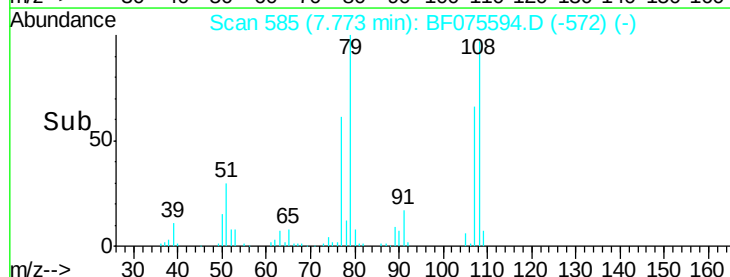
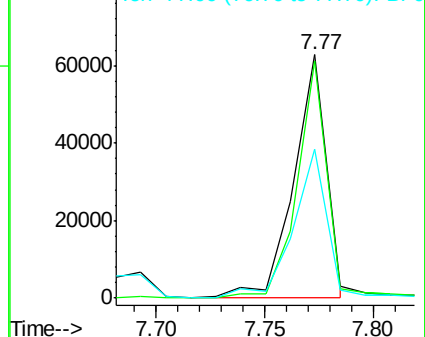
77 61.4 52.1 78.1

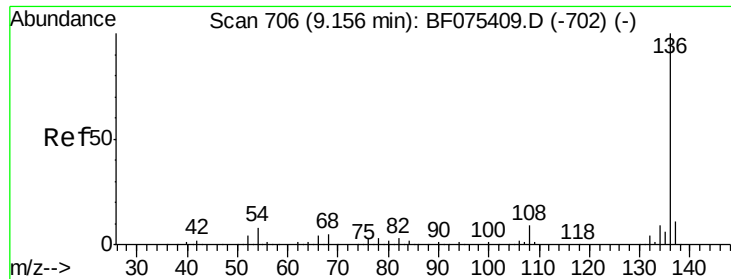


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

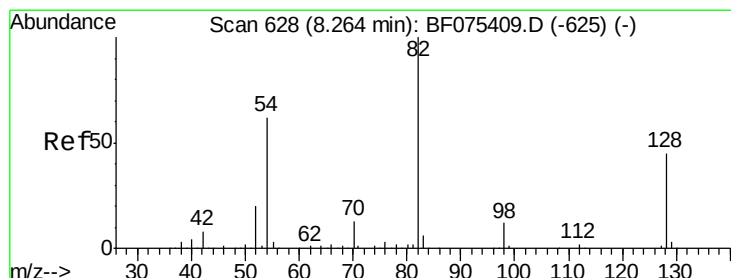
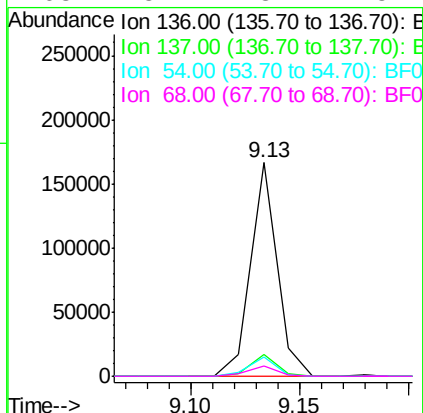
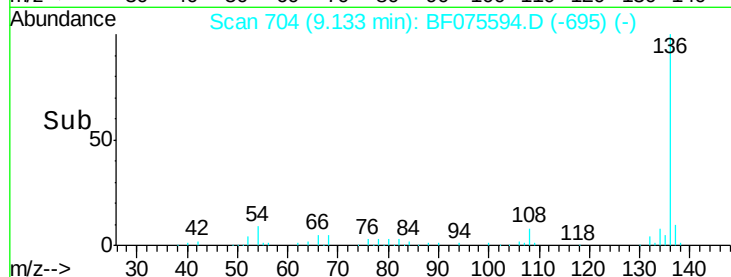
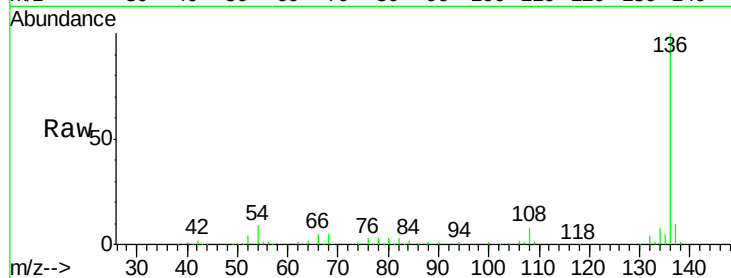




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

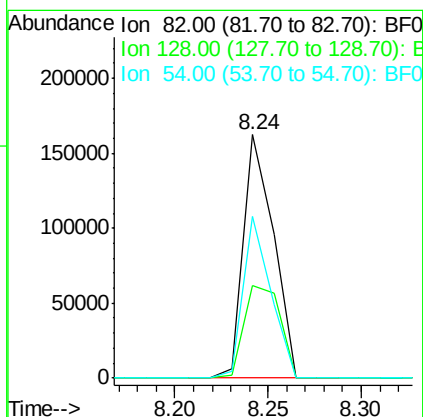
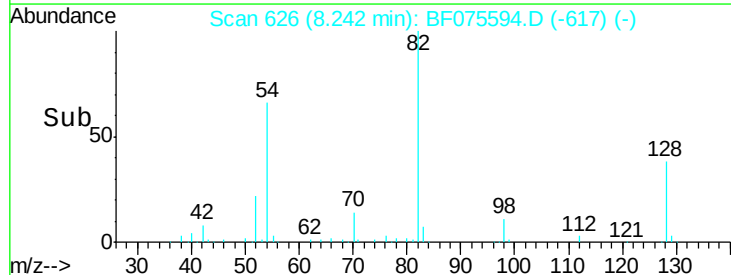
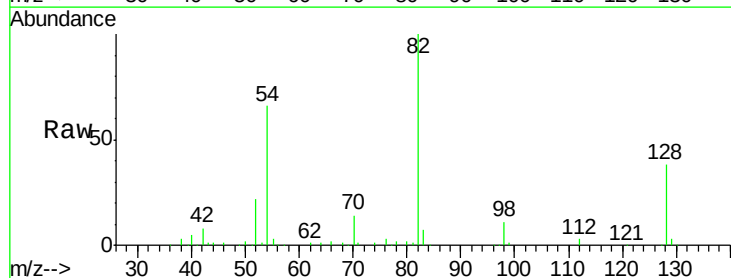
Instrument :
BNA_F
ClientSampleId :
DCW-WW-021-111214

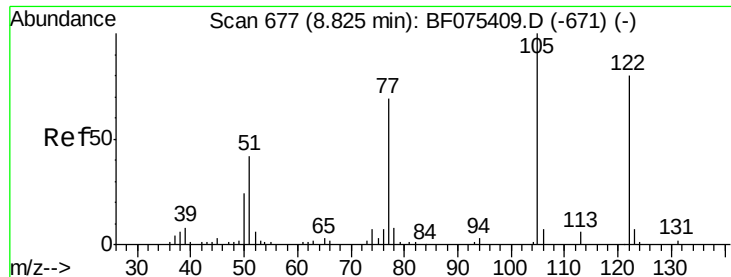
Tot Ion:136	Resp:	141139
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.4
54	9.0	6.2 9.4
68	5.1	3.4 5.2



#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

Tgt Ion: 82	Resp:	181582
Ion Ratio	Lower	Upper
82	100	
128	38.2	37.8 56.6
54	66.2	49.8 74.8





#32

Benzoic acid

Concen: 6.75 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

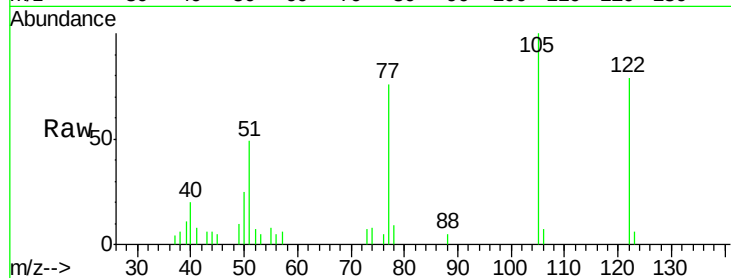
Tot Ion:122 Resp: 8036

Ion Ratio Lower Upper

122 100

105 126.6 95.1 135.1

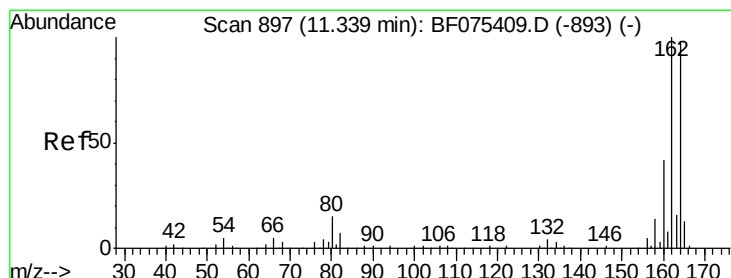
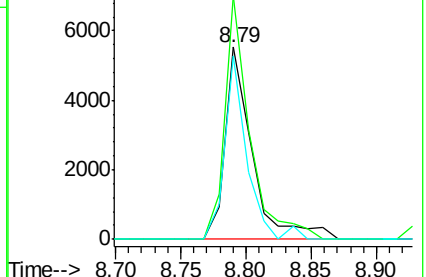
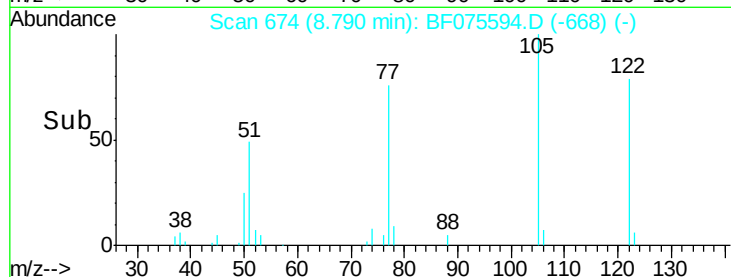
77 95.7 62.6 102.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

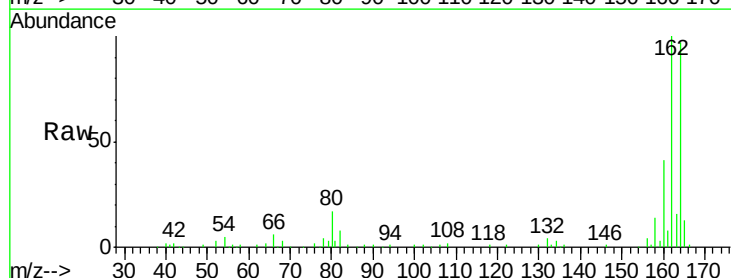
Tgt Ion:164 Resp: 93997

Ion Ratio Lower Upper

164 100

162 102.8 79.1 118.7

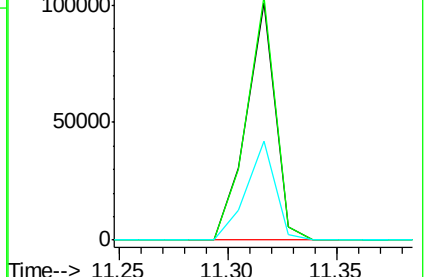
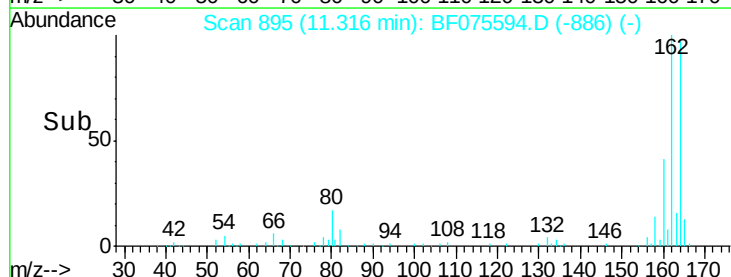
160 41.8 34.6 51.8

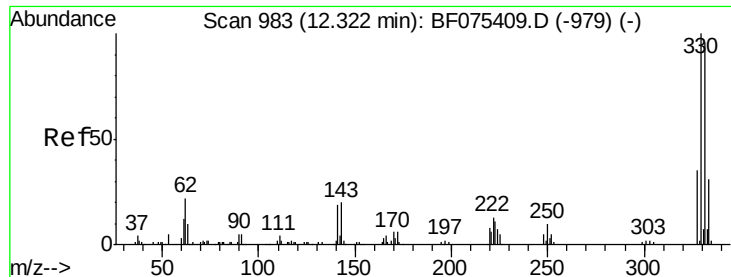


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

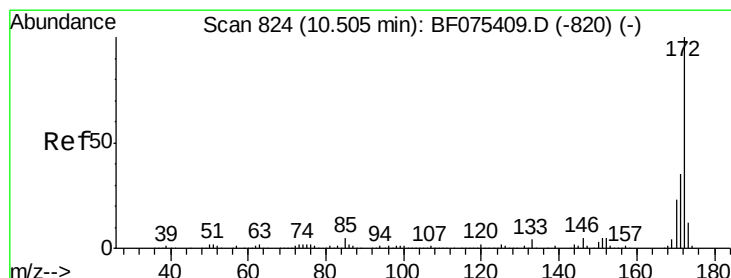
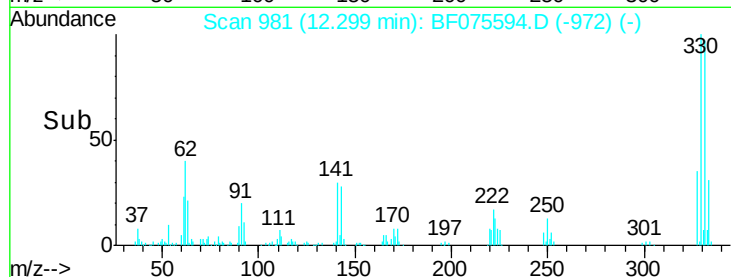
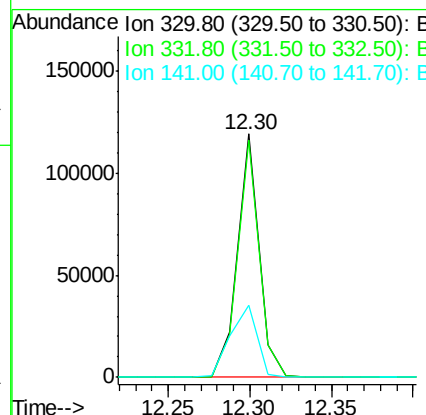
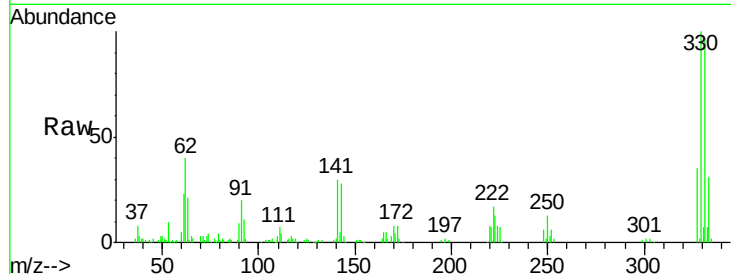




#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

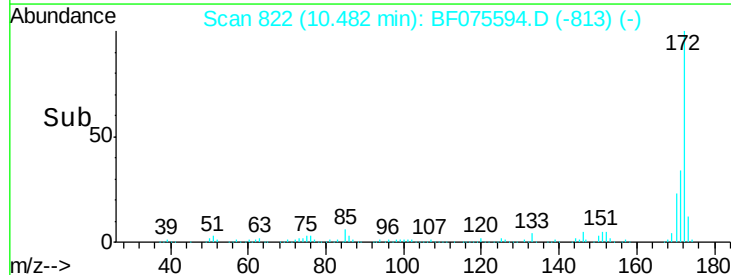
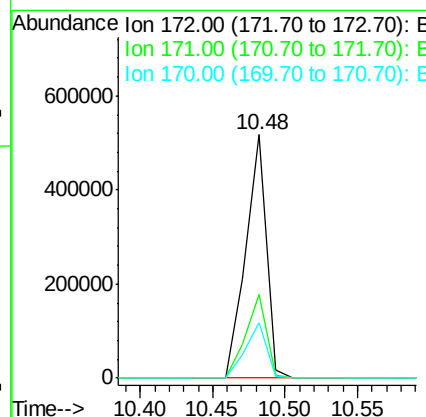
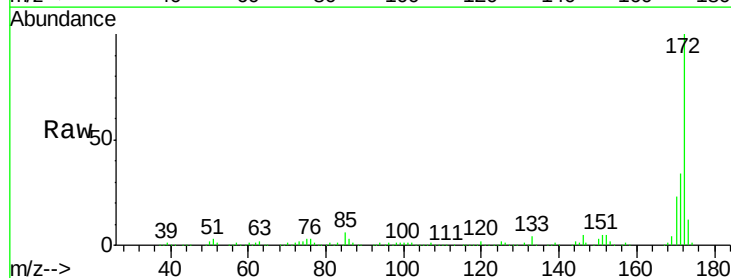
Instrument :
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 DCW-WW-021-111214

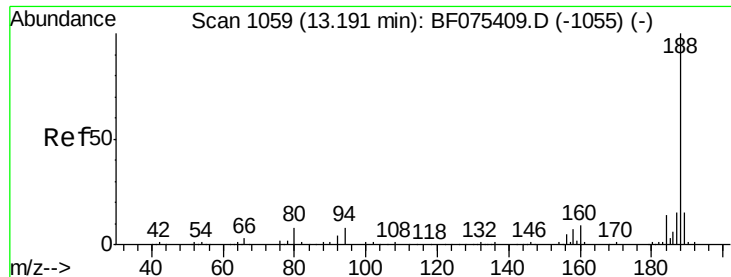
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.5	111.7
141	36.3	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	22.8	18.4	27.6

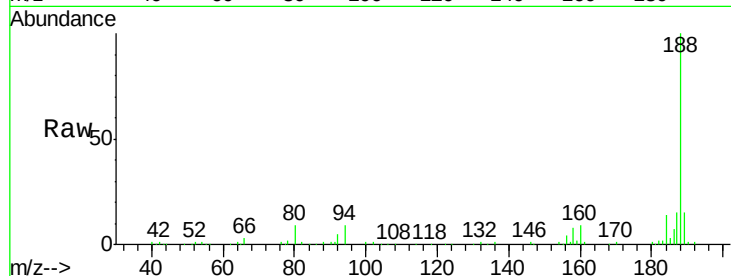




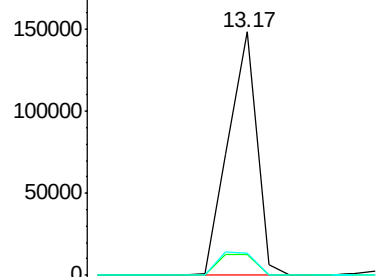
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

Instrument :
BNA_F
ClientSampleId :
DCW-WW-021-111214

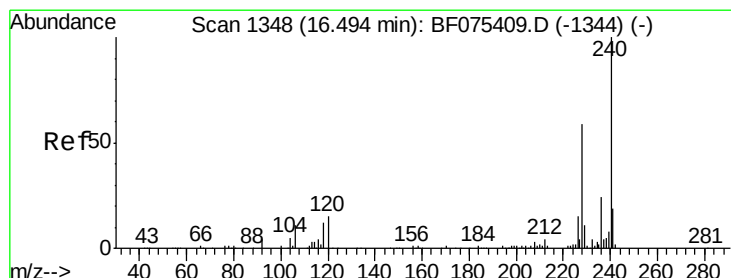
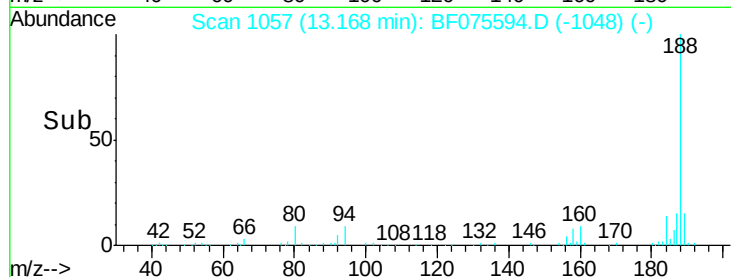
Tot Ion:188 Resp: 157531
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.2 8.0 12.0



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

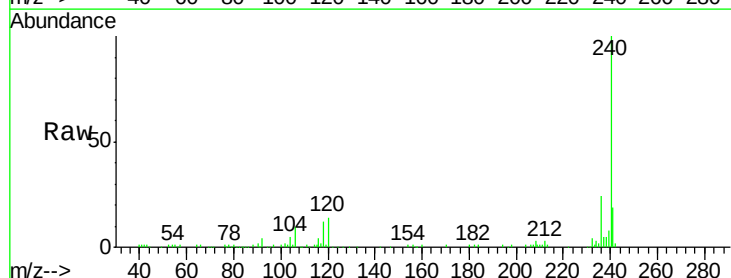


Time-->

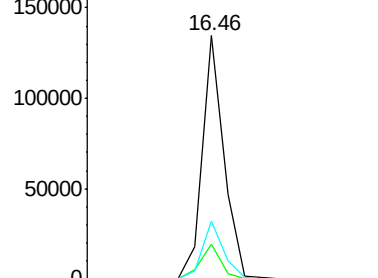


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

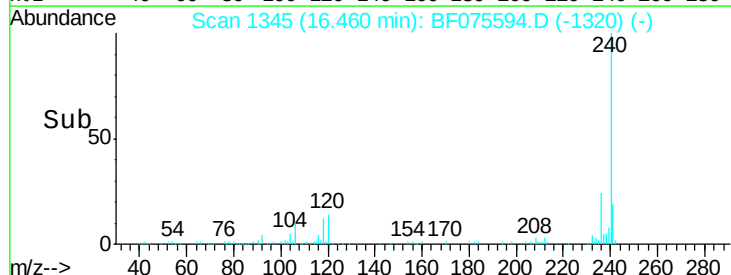
Tgt Ion:240 Resp: 138504
Ion Ratio Lower Upper
240 100
120 14.3 9.6 14.4
236 23.8 18.9 28.3

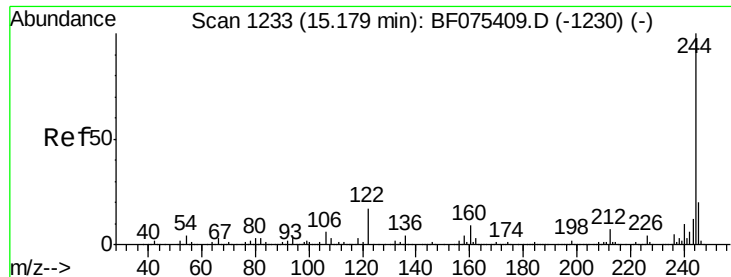


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

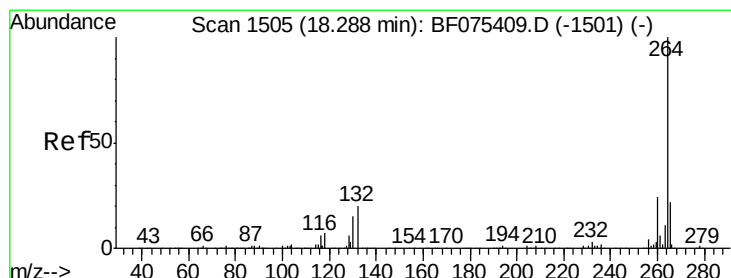
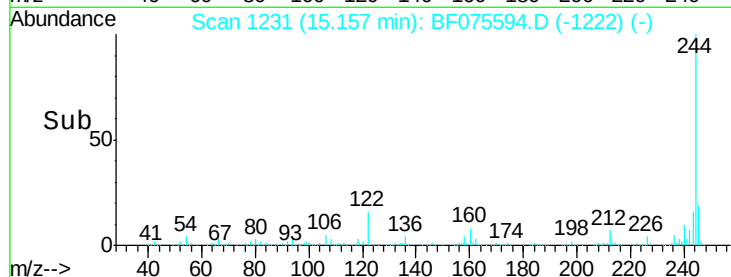
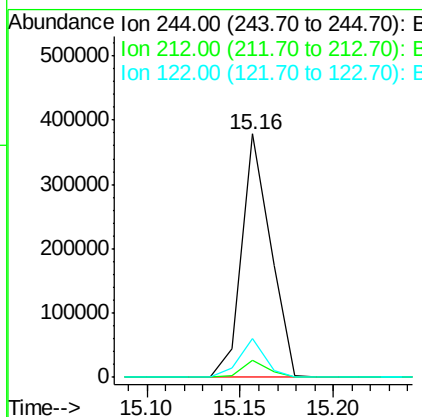
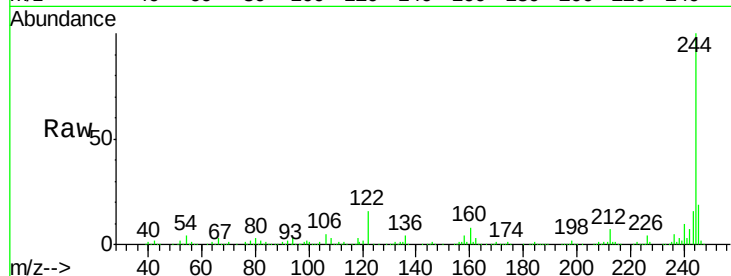




#78
 Terphenyl-d14
 Concen: 79.96 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Instrument :
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 ClientSampleId :
 DCW-WW-021-111214

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	15.8	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	20.6	16.3	24.5

