

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078792.D
 Acq On : 28 Apr 2015 23:46
 Operator : TP/IZ
 Sample : G2009-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-119-42315

Manual Integrations
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Quant Time: Apr 29 12:50:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	95612	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	400367	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	191998	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	355101	20.00	ng	0.00
75) Chrysene-d12	16.29	240	340176	20.00	ng	-0.02
86) Perylene-d12	18.02	264	334209	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	300271	57.68	ng	0.01
7) Phenol-d6	6.92	99	229674	33.03	ng	-0.01
23) Nitrobenzene-d5	8.08	82	559131	100.55	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	237779	124.79	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1280829	91.36	ng	0.00
78) Terphenyl-d14	14.99	244	1206764	84.48	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.12	128	18366	3.07	ng	95
13) 1,4-Dichlorobenzene	7.42	146	66175	9.30	ng	98
14) 1,2-Dichlorobenzene	7.60	146	17556	2.64	ng	97
27) 2,4-Dimethylphenol	8.55	122	20895	3.75	ng	# 64
33) 4-Chloroaniline	9.05	127	2376714	297.19	ng	95
37) 2-Methylnaphthalene	9.85	142	106895	8.36	ng	98
51) Acenaphthene	11.19	154	105431	9.11	ng	97
57) Fluorene	11.83	166	77855	5.74	ng	99
71) Anthracene	13.09	178	38572	2.05	ng	99
74) Fluoranthene	14.50	202	52088	2.72	ng	98
83) Bis(2-ethylhexyl)phthalate	16.33	149	69624	5.69	ng	98

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

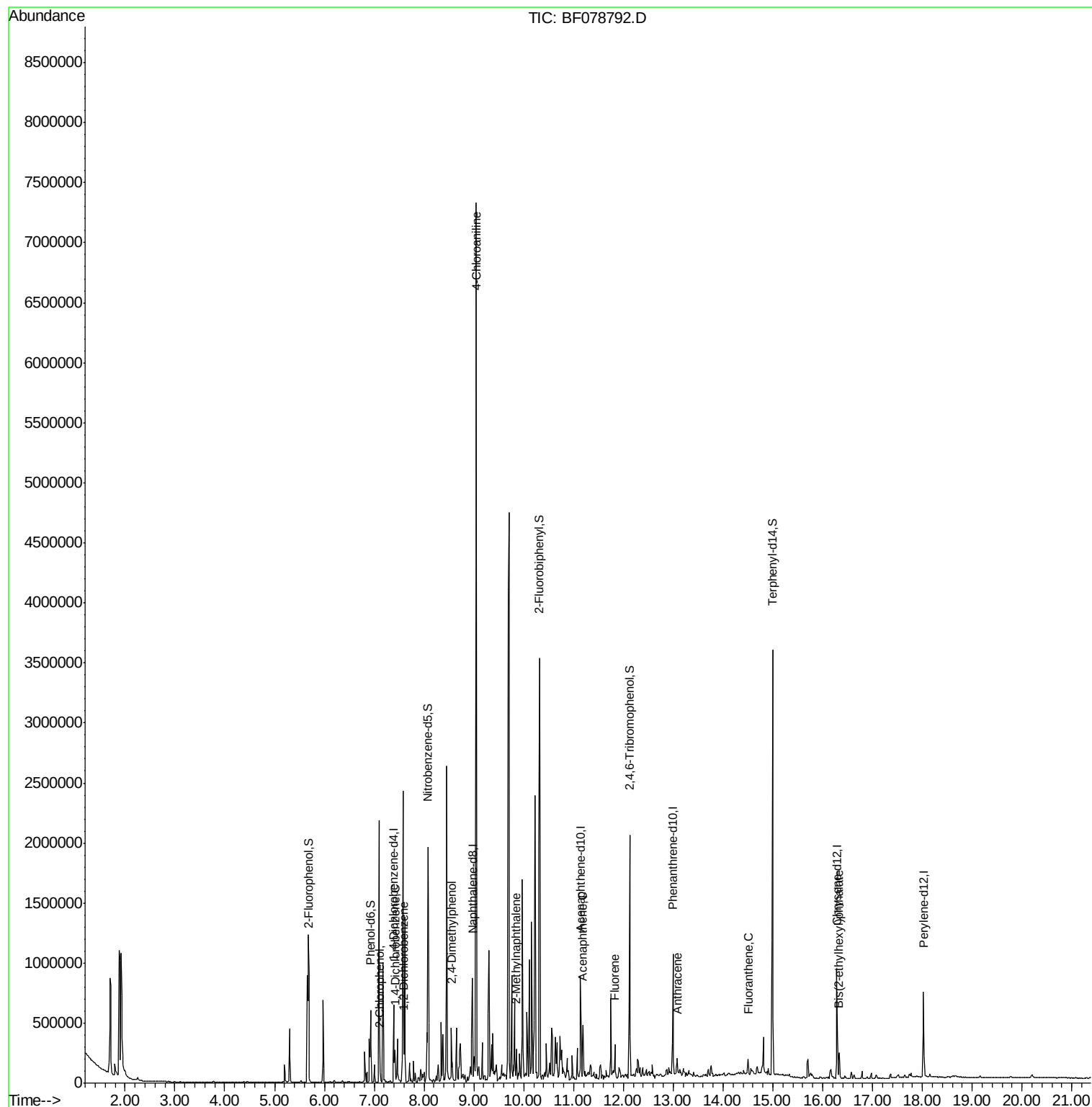
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078792.D
Acq On : 28 Apr 2015 23:46
Operator : TP/IZ
Sample : G2009-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

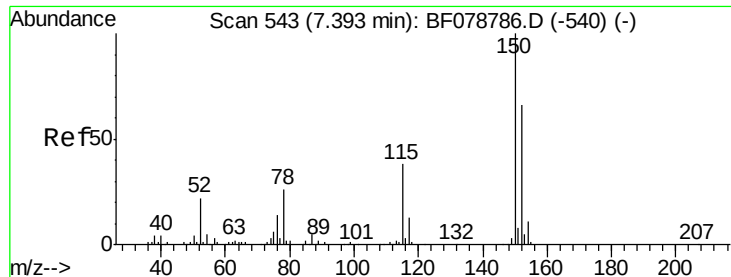
Instrument :
BNA_F
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DCW-WW-119-42315

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Response via : Initial Calibration





#1

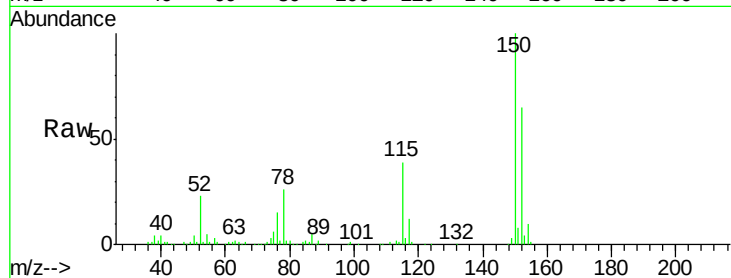
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-119-42315

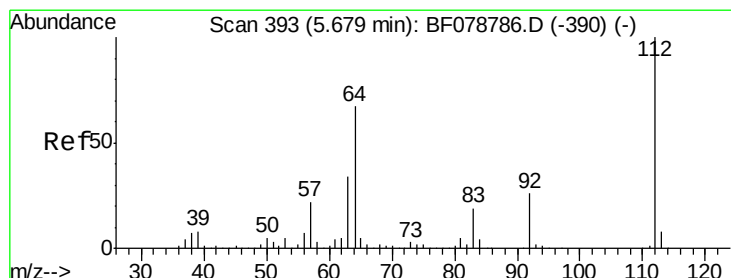
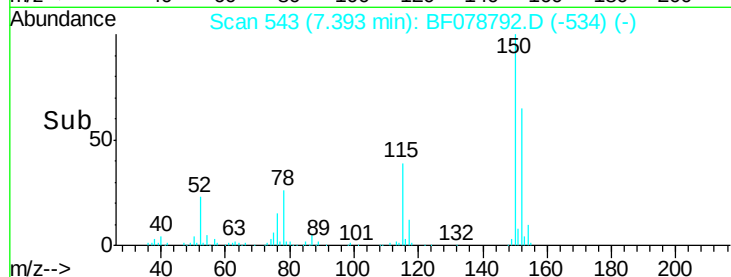
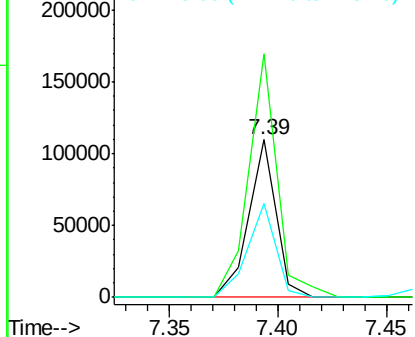
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.0	183.0
115	59.7	46.3	69.5

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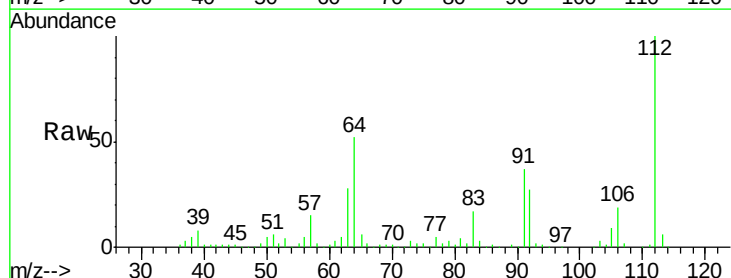
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



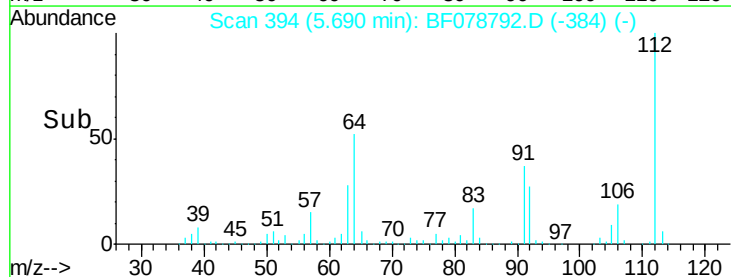
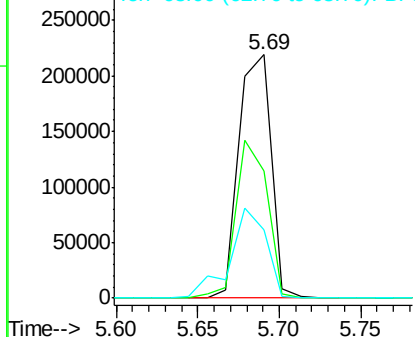
#5

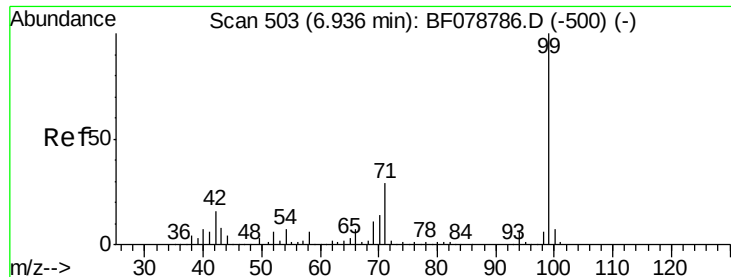
2-Fluorophenol
Concen: 57.68 ng
RT: 5.69 min Scan# 394
Delta R.T. 0.01 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	53.5	80.3#
63	28.0	27.5	41.3



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: 33.03 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Instrument :

BNA_F

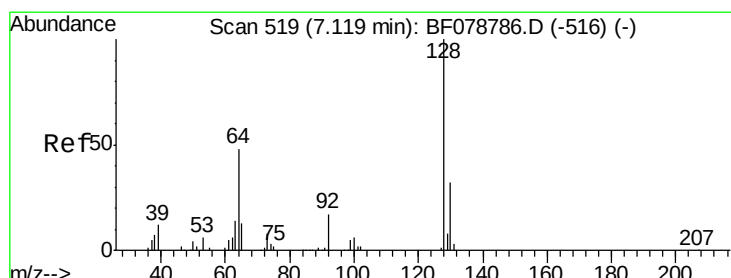
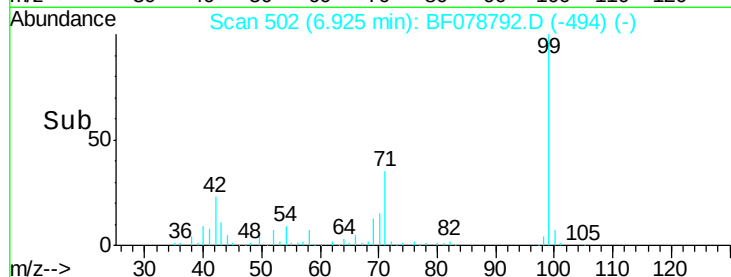
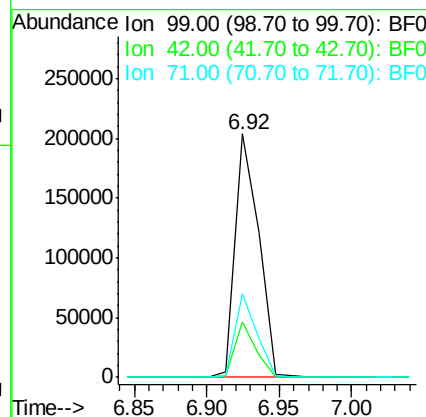
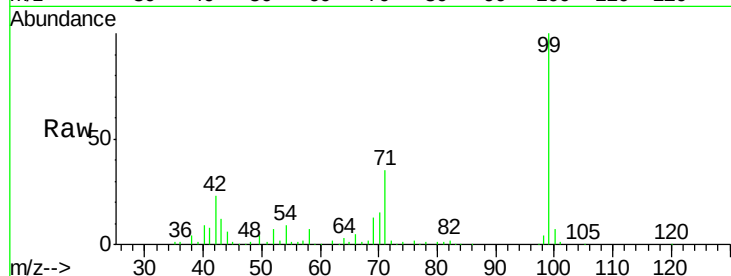
ClientSampleId :

DCW-WW-119-42315

Tot Ion:	99	Resp:	229674
Ion Ratio	Lower	Upper	
99	100		
42	22.8	12.8	19.2#
71	34.6	23.4	35.2

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#8

2-Chlorophenol

Concen: 3.07 ng

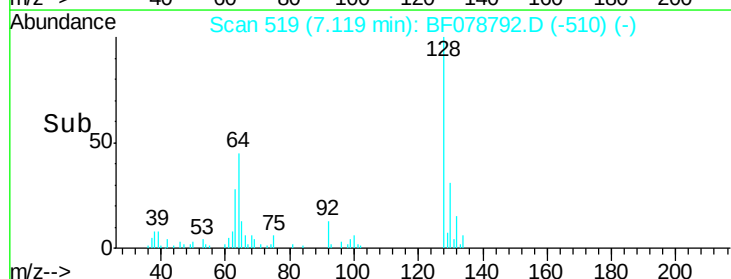
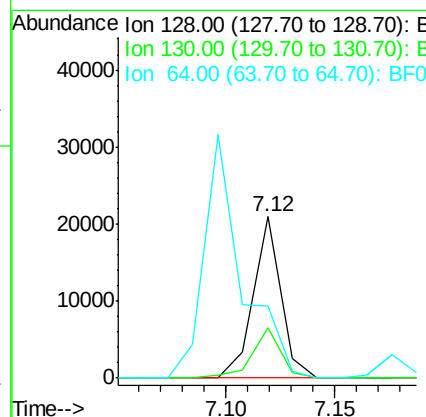
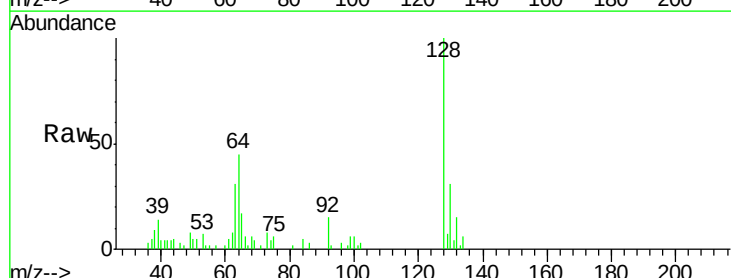
RT: 7.12 min Scan# 519

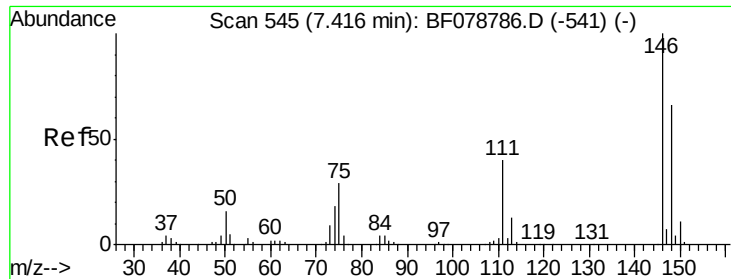
Delta R.T. -0.00 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Tgt Ion:	128	Resp:	18366
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.1	52.1
64	44.6	29.6	69.6





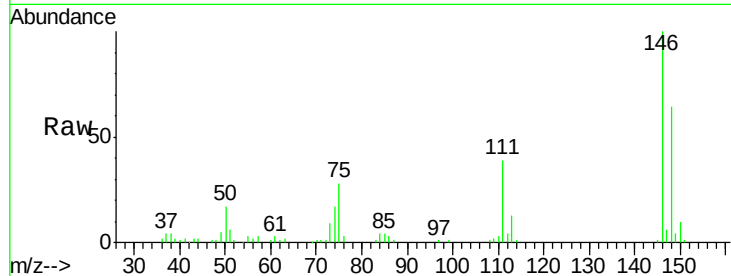
#13
 1,4-Dichlorobenzene
 Concen: 9.30 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-119-42315

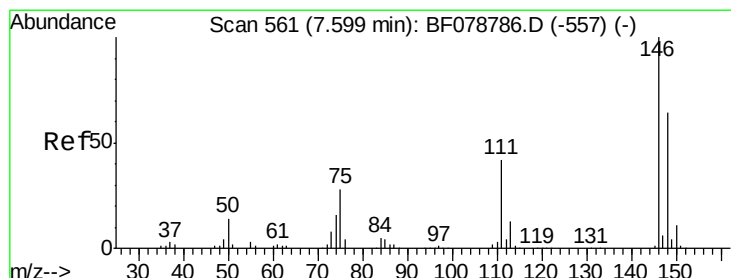
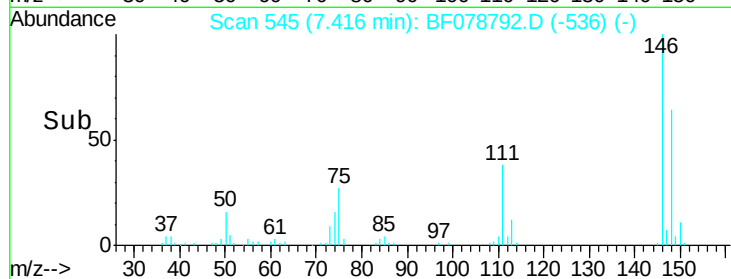
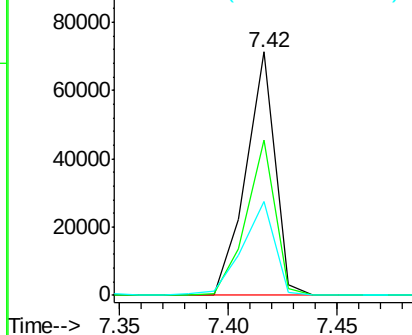
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
111	38.5	31.7	47.5

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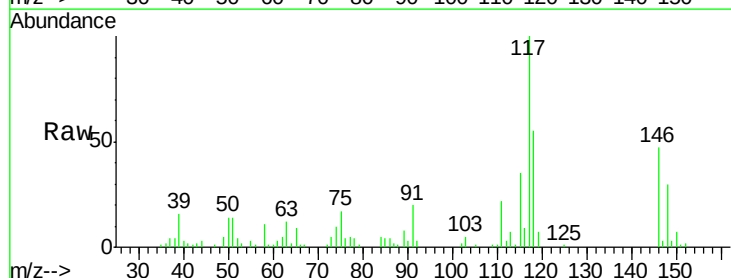


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

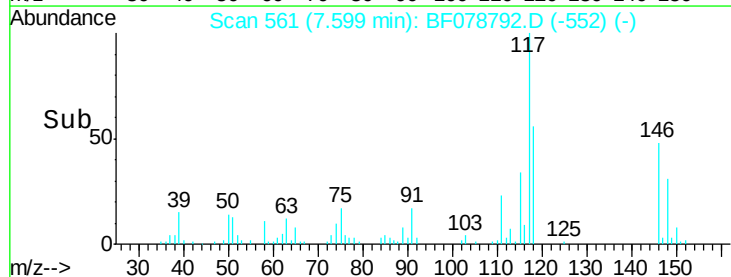
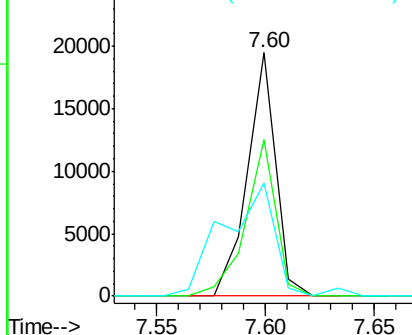


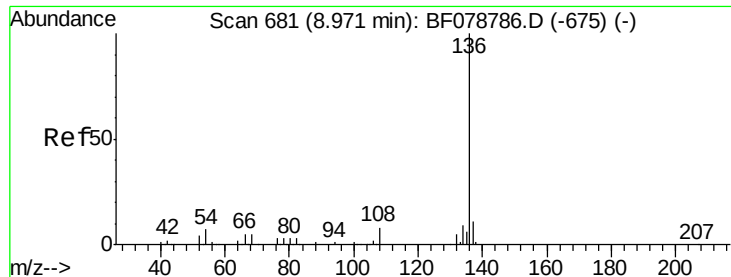
#14
 1,2-Dichlorobenzene
 Concen: 2.64 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	46.6	33.3	49.9



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





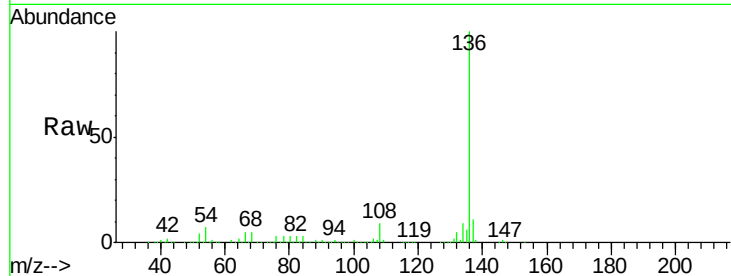
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-119-42315

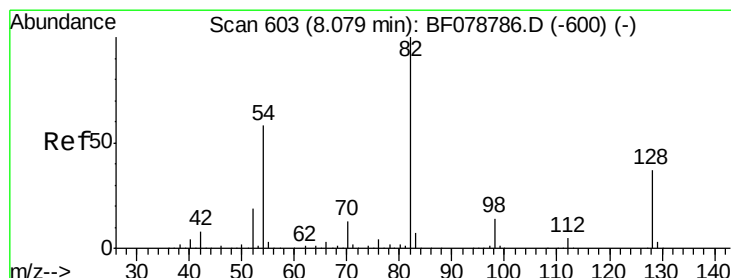
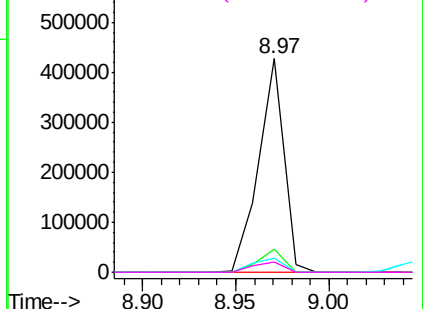
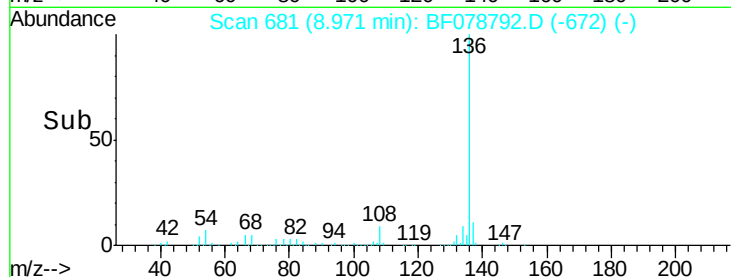
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8	8.7	13.1		
54	6.7	5.8	8.8		
68	5.0	4.2	6.4		

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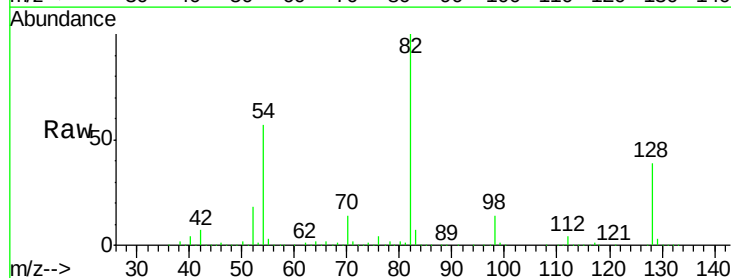


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

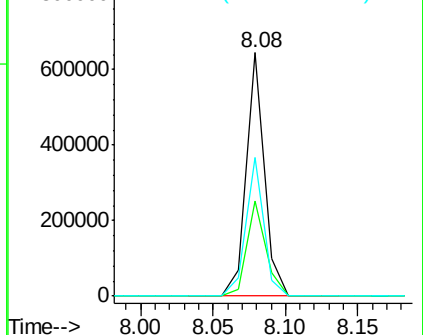
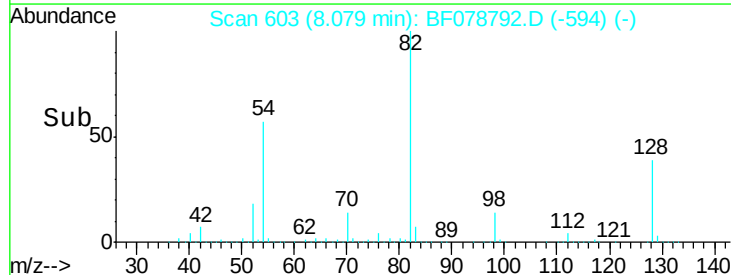


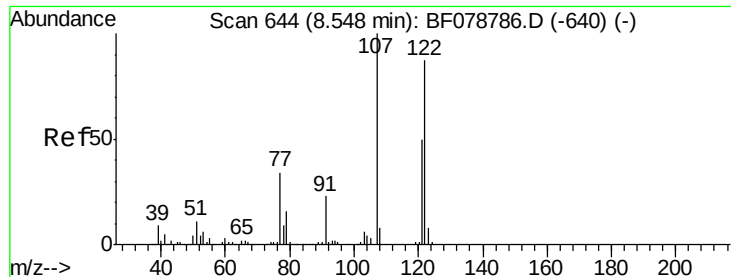
#23
Nitrobenzene-d5
Concen: 100.55 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	39.0	30.0	45.0		
54	56.8	46.4	69.6		



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





#27

2,4-Dimethylphenol

Concen: 3.75 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078792.D

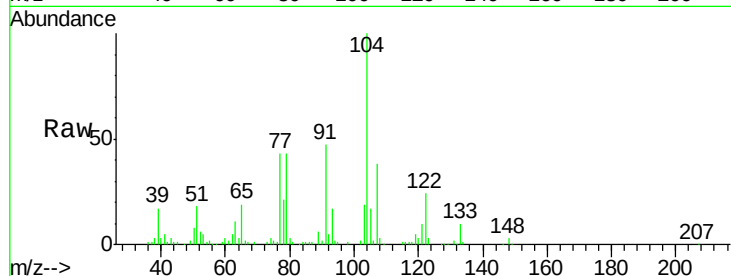
Acq: 28 Apr 2015 23:46

Instrument :

BNA_F

ClientSampleId :

DCW-WW-119-42315



Tot Ion:122 Resp: 20895

Ion Ratio Lower Upper

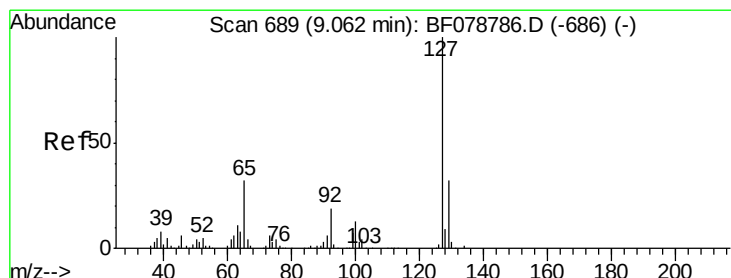
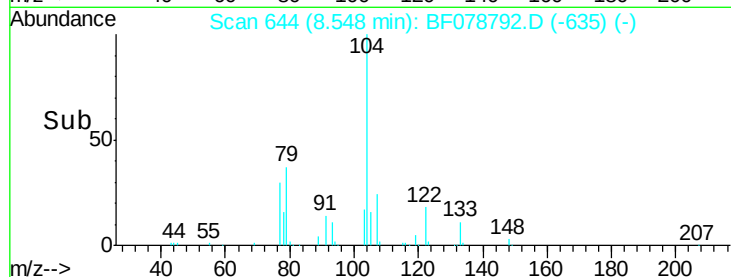
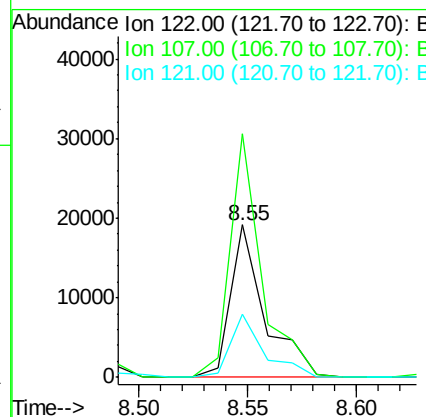
122 100

107 159.7 90.6 135.8#

121 41.7 45.4 68.2#

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#33

4-Chloroaniline

Concen: 297.19 ng

RT: 9.05 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Tgt Ion:127 Resp: 2376714

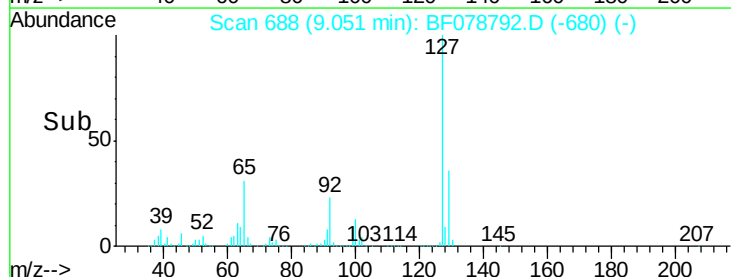
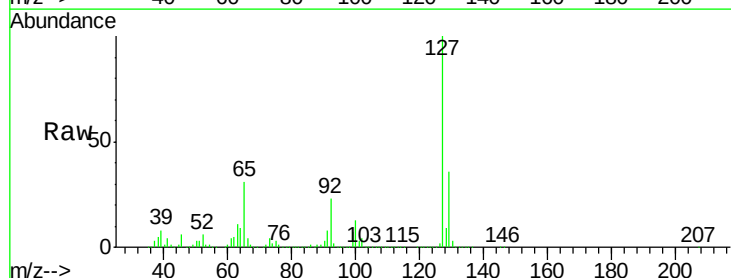
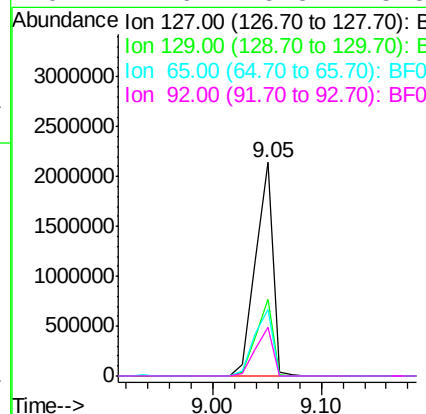
Ion Ratio Lower Upper

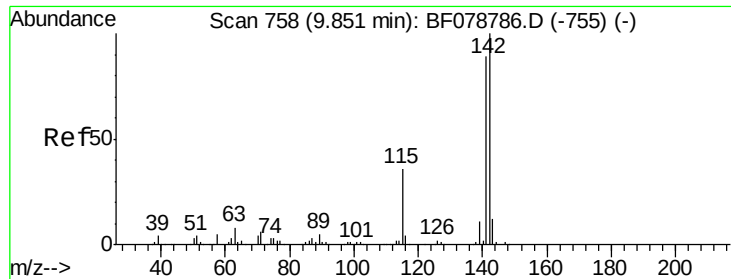
127 100

129 35.7 25.8 38.8

65 31.3 25.8 38.6

92 22.6 15.5 23.3





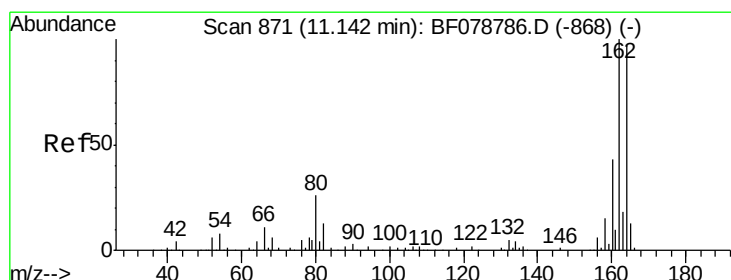
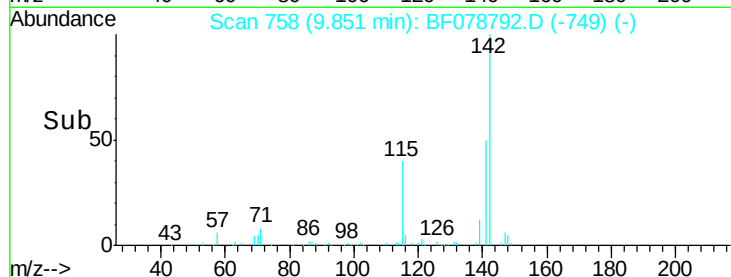
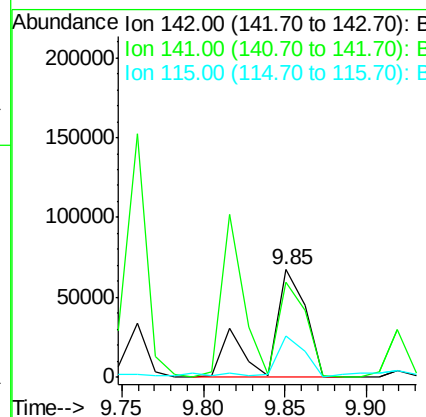
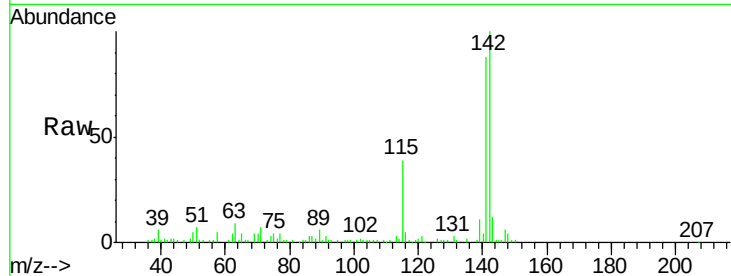
#37
2-Methylnaphthalene
Concen: 8.36 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-119-42315

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3
115	38.6	28.5	42.7

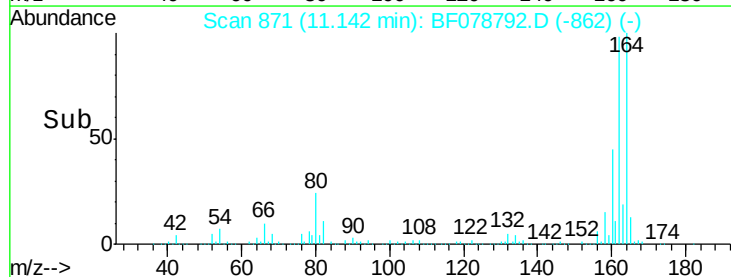
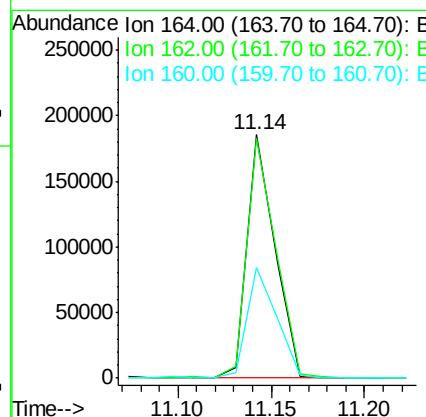
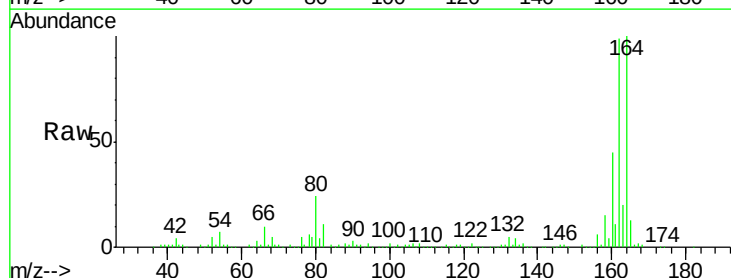
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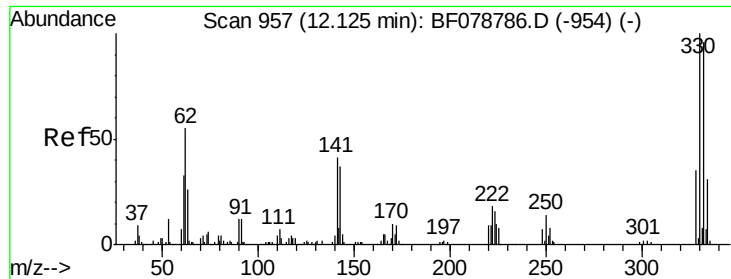
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.7	124.1
160	45.2	35.8	53.8





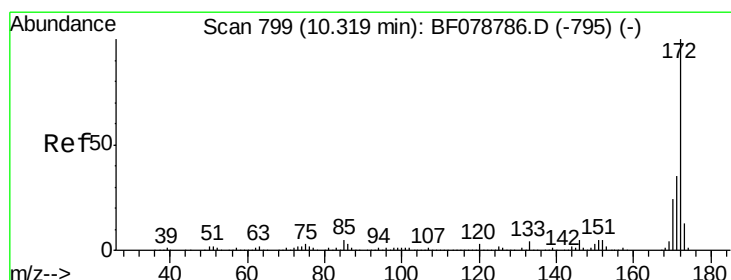
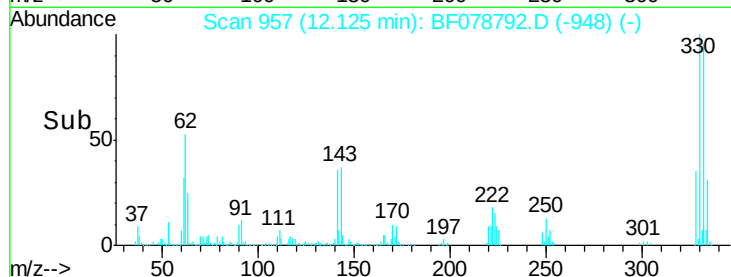
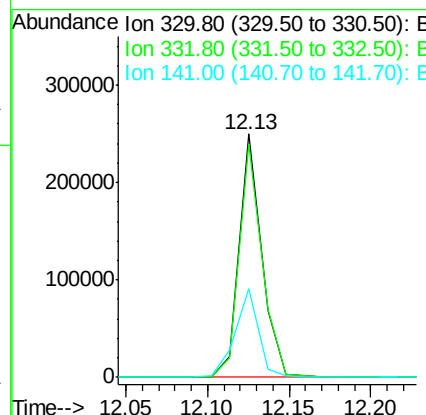
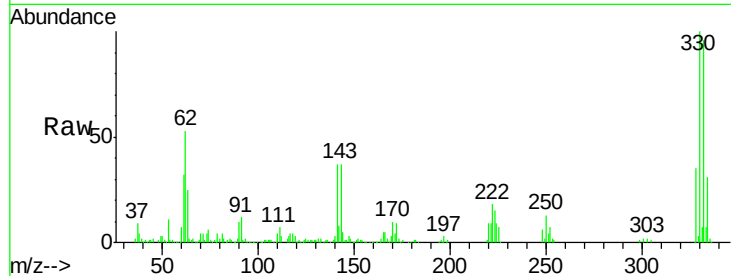
#41
 2,4,6-Tribromophenol
 Concen: 124.79 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-119-42315

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.6	0.0	0.0#

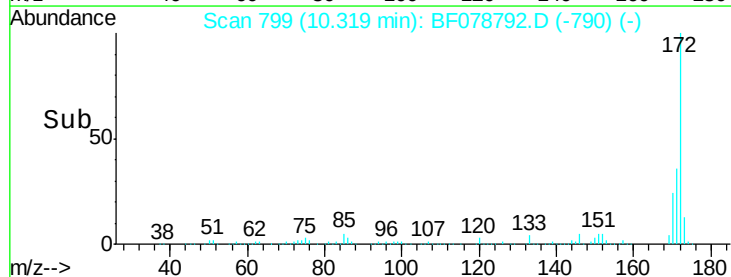
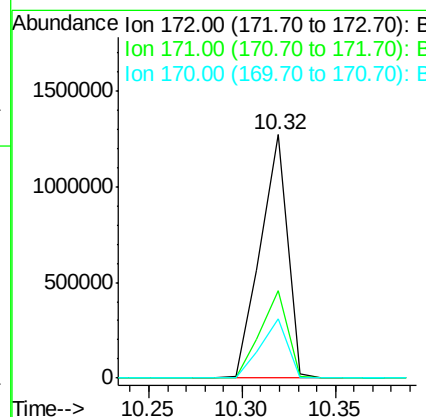
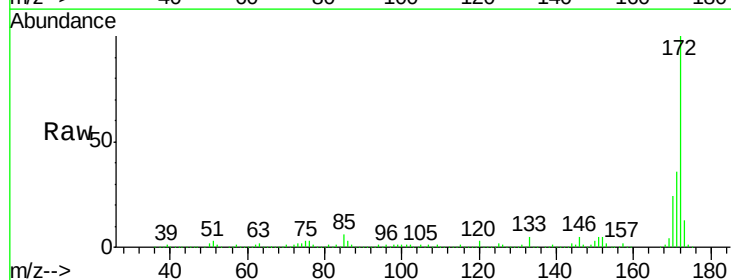
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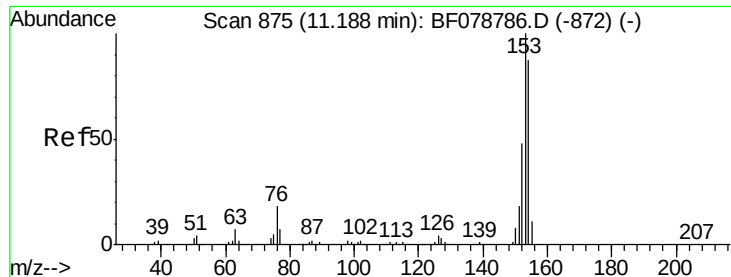
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#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.3	19.4	29.0





#51

Acenaphthene

Concen: 9.11 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Instrument :

BNA_F

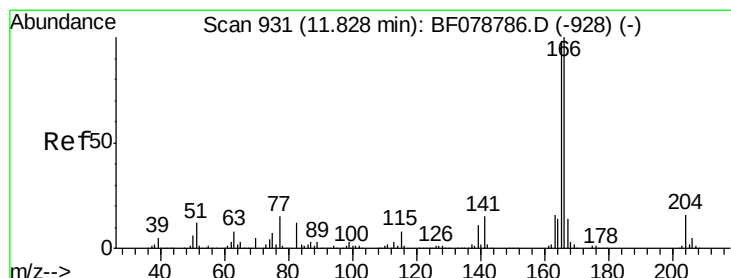
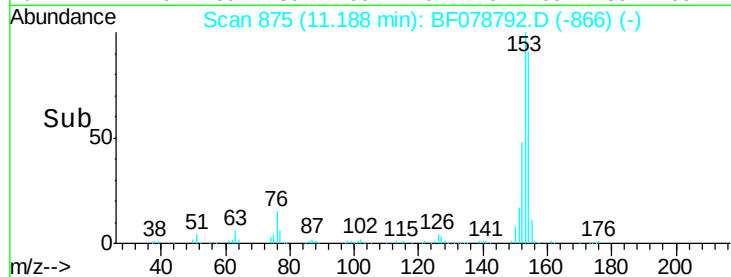
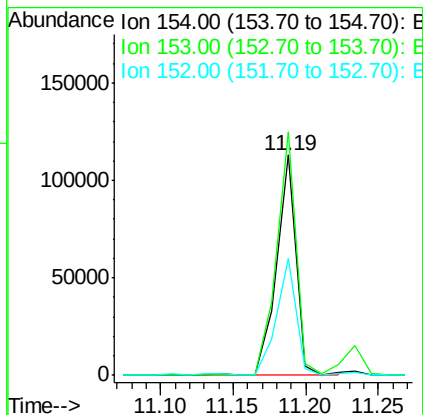
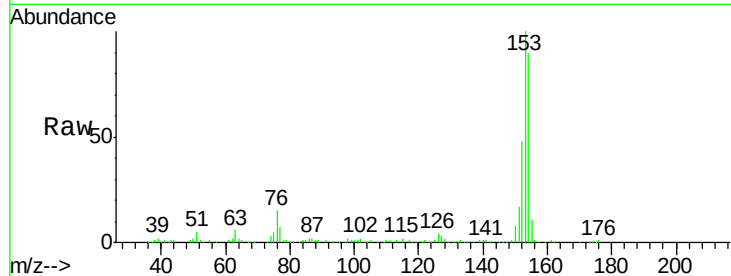
ClientSampleId :

DCW-WW-119-42315

Tot Ion:	154	Resp:	105431
Ion Ratio	Lower	Upper	
154	100		
153	110.5	91.5	137.3
152	53.3	44.2	66.4

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#57

Fluorene

Concen: 5.74 ng

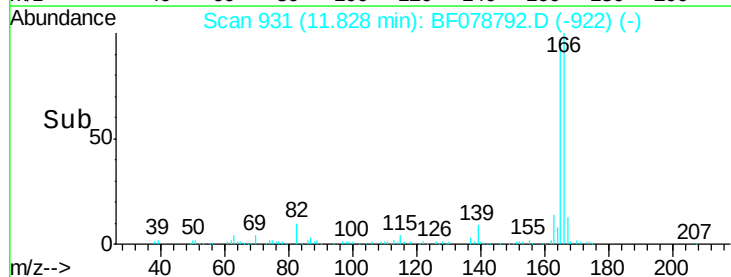
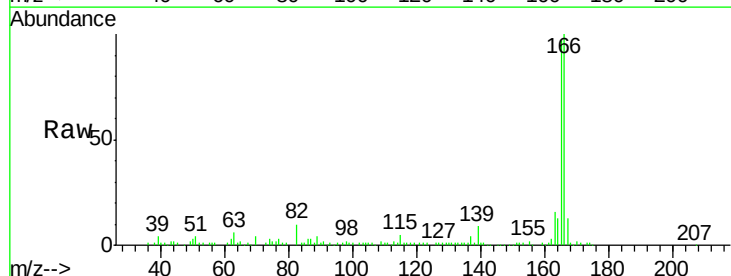
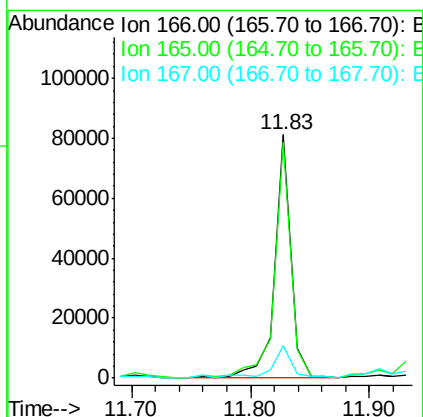
RT: 11.83 min Scan# 931

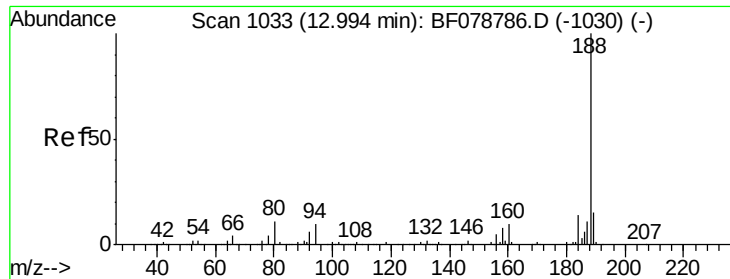
Delta R.T. -0.00 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Tgt Ion:	166	Resp:	77855
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.5	117.7
167	13.4	11.0	16.6





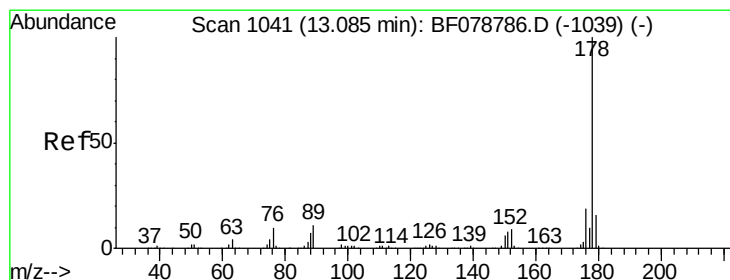
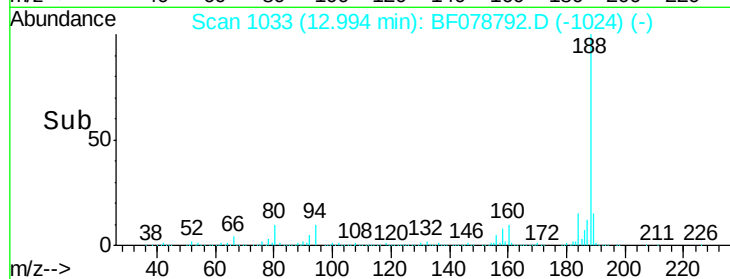
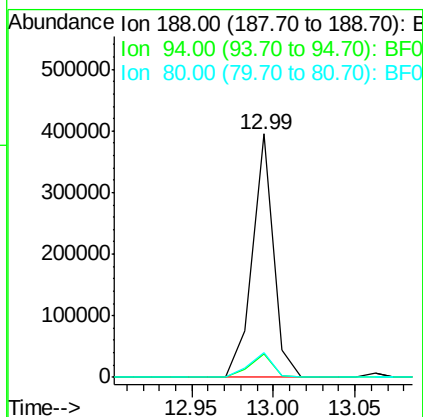
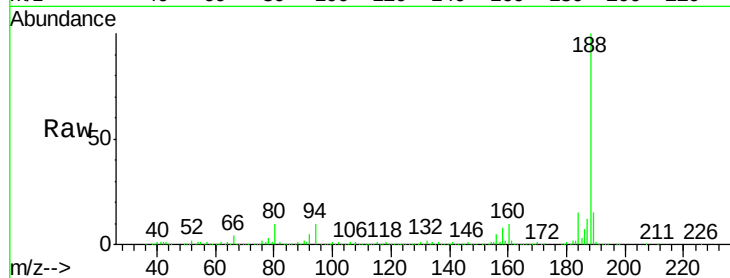
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-119-42315

Tot Ion:	188	Resp:	355101
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.2	12.2
80	10.4	8.9	13.3

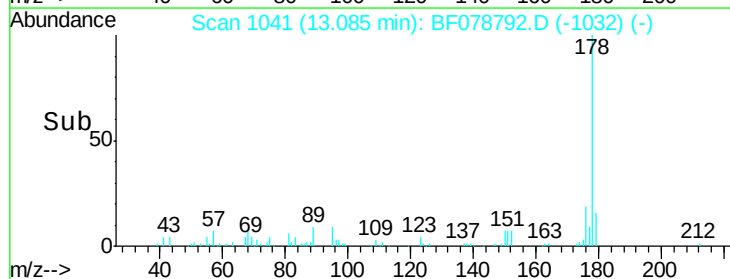
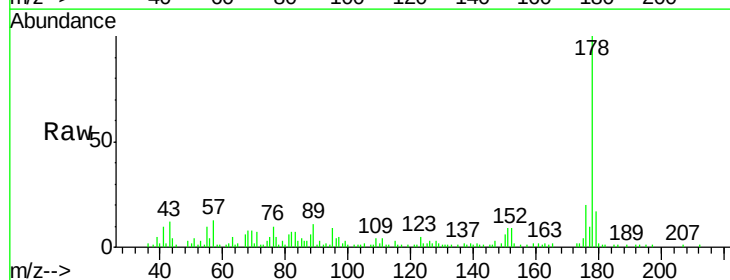
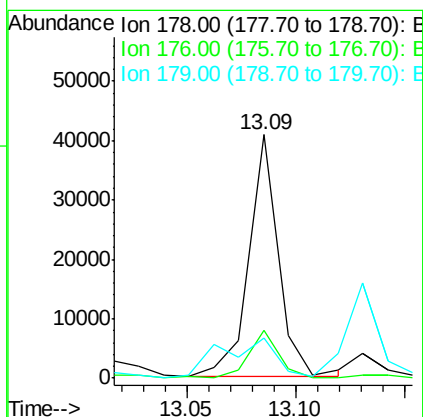
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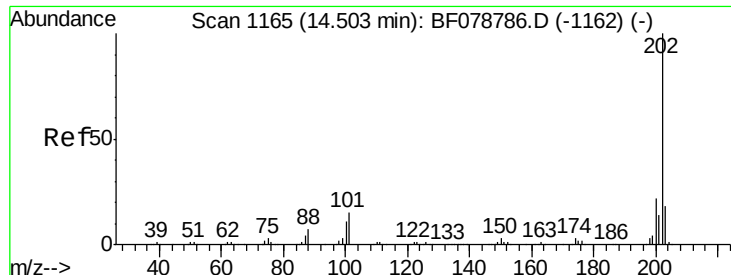
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#71
Anthracene
Concen: 2.05 ng
RT: 13.09 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Tgt Ion:	178	Resp:	38572
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.5	23.3
179	16.7	12.7	19.1





#74

Fluoranthene

Concen: 2.72 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078792.D

Acq: 28 Apr 2015 23:46

Instrument :

BNA_F

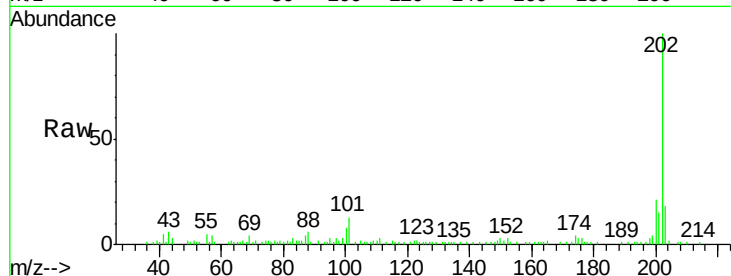
ClientSampleId :

DCW-WW-119-42315

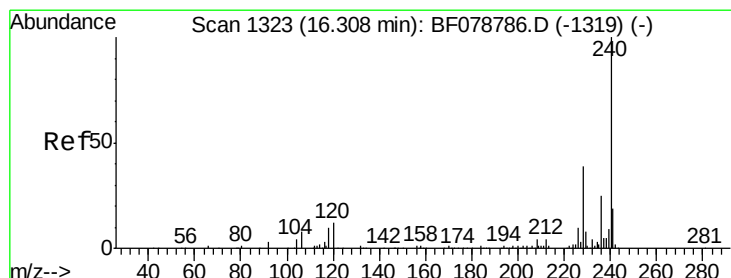
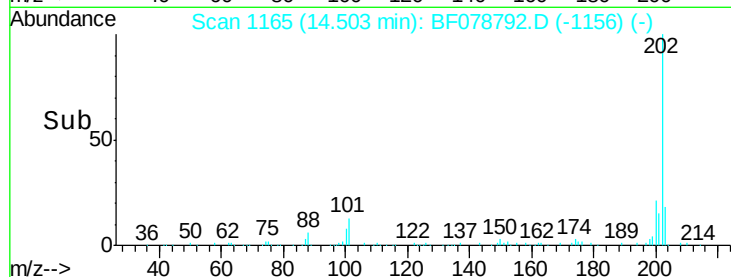
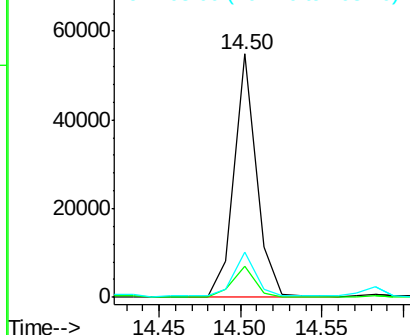
Tot Ion	Ratio	Resp	Lower	Upper
202	100	52088		
101	12.9		0.0	34.6
203	18.4		0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

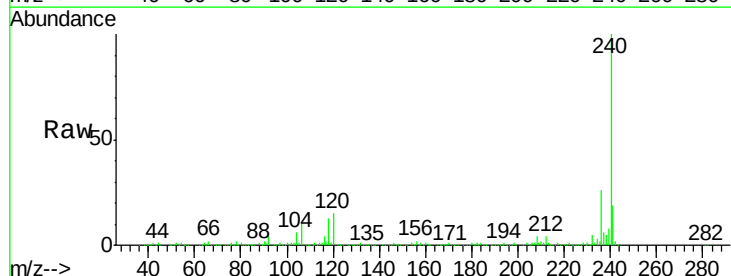
RT: 16.29 min Scan# 1321

Delta R.T. -0.02 min

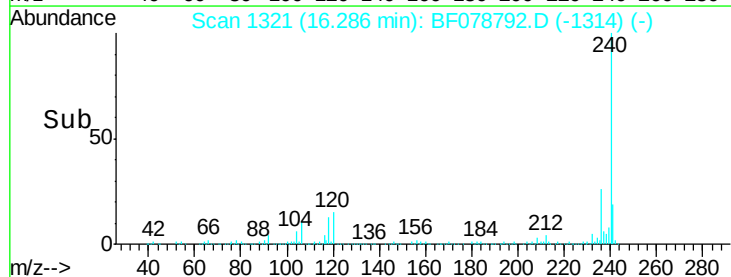
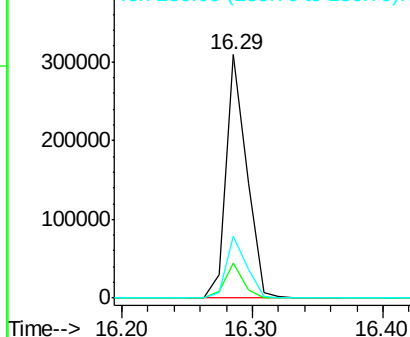
Lab File: BF078792.D

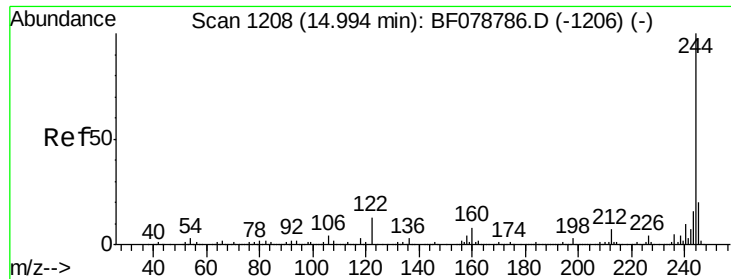
Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	340176		
120	14.6		9.7	14.5#
236	25.6		20.2	30.4



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





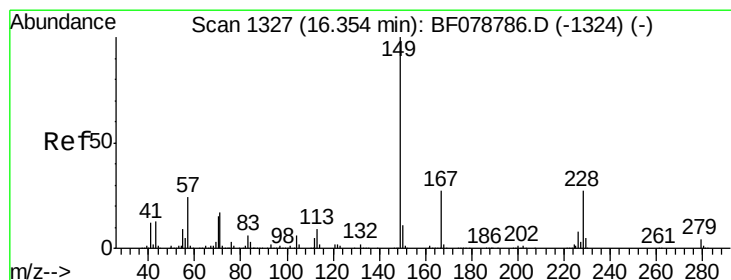
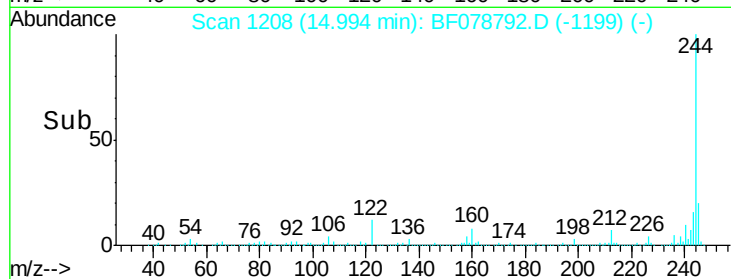
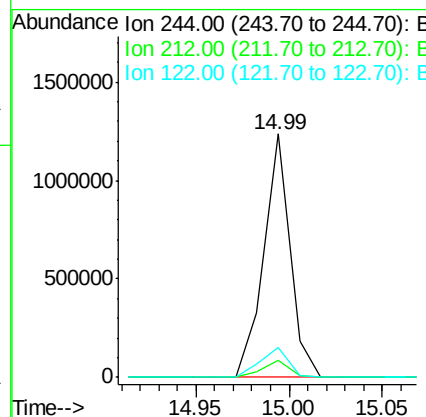
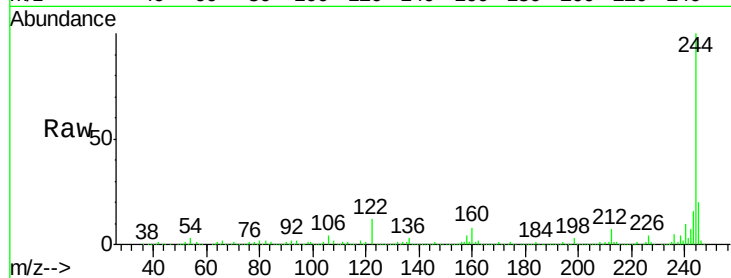
#78
 Terphenyl-d14
 Concen: 84.48 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-119-42315

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.2	10.3	15.5

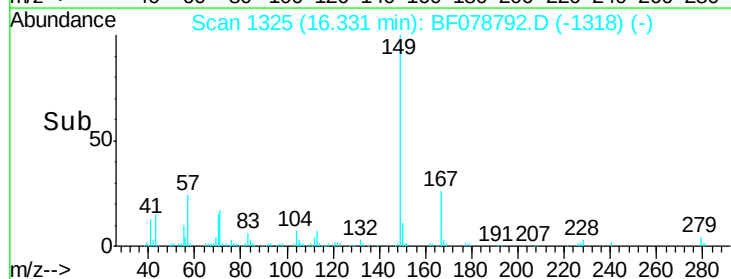
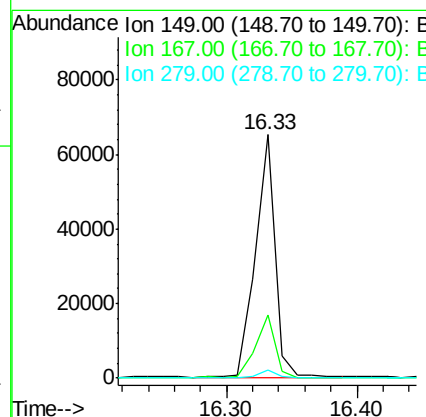
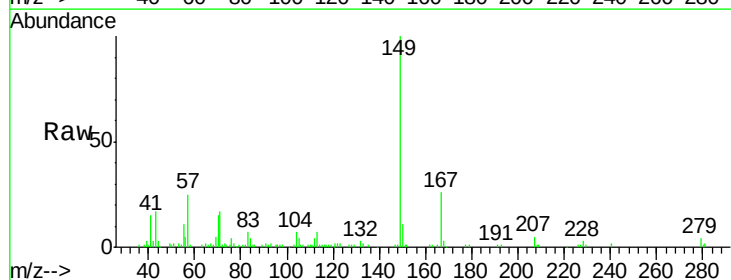
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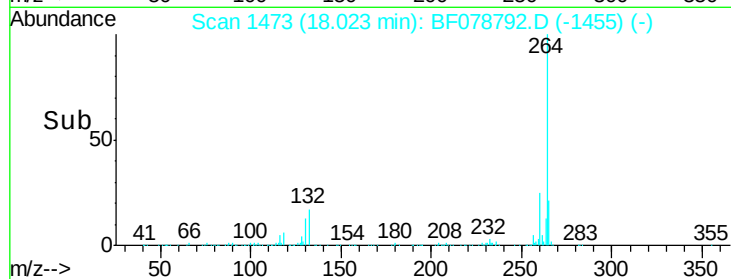
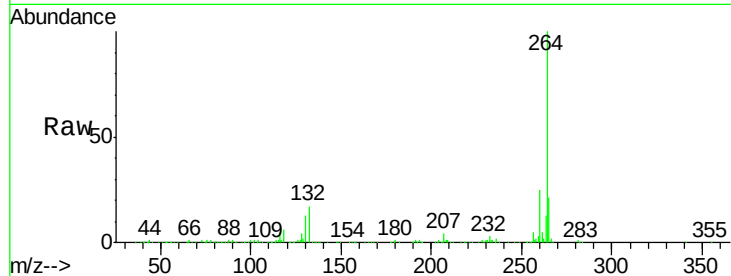
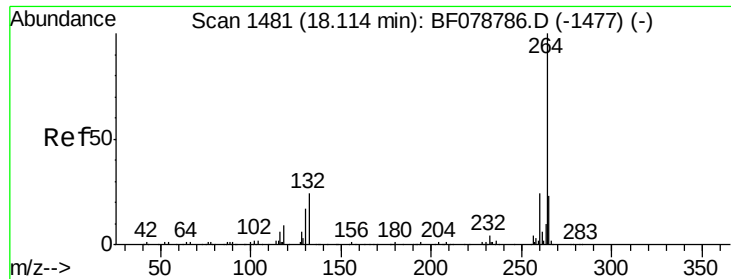
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.69 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF078792.D
 Acq: 28 Apr 2015 23:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.8
279	3.5	2.9	4.3





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1473
Delta R.T. -0.09 min
Lab File: BF078792.D
Acq: 28 Apr 2015 23:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-119-42315

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.2	18.3	27.5

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