

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078862.D
 Acq On : 30 Apr 2015 22:15
 Operator : TP/IZ
 Sample : G2067-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

Manual Integrations
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Quant Time: May 01 01:08:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	75084	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	313176	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	147050	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	289214	20.00	ng	0.00
75) Chrysene-d12	16.26	240	299451	20.00	ng	-0.01
86) Perylene-d12	17.98	264	314302	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	226885	52.02	ng	0.00
7) Phenol-d6	6.91	99	305281	52.95	ng	0.00
23) Nitrobenzene-d5	8.06	82	164358	30.16	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	80445	50.57	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	359321	34.04	ng	0.00
78) Terphenyl-d14	14.97	244	436212	34.88	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	3834	7.50	ng	# 87
49) Dimethylphthalate	10.80	163	22705	2.10	ng	# 95
68) Atrazine	12.61	200	6567	2.34	ng	# 55
70) Phenanthrene	13.01	178	206668	12.77	ng	98
74) Fluoranthene	14.48	202	120901	7.17	ng	96
77) Pyrene	14.77	202	103250	5.98	ng	97
80) Benzo(a)anthracene	16.25	228	47716	2.91	ng	97
82) Chrysene	16.30	228	34193m	2.17	ng	
87) Benzo(b)fluoranthene	17.53	252	43797m	2.55	ng	

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

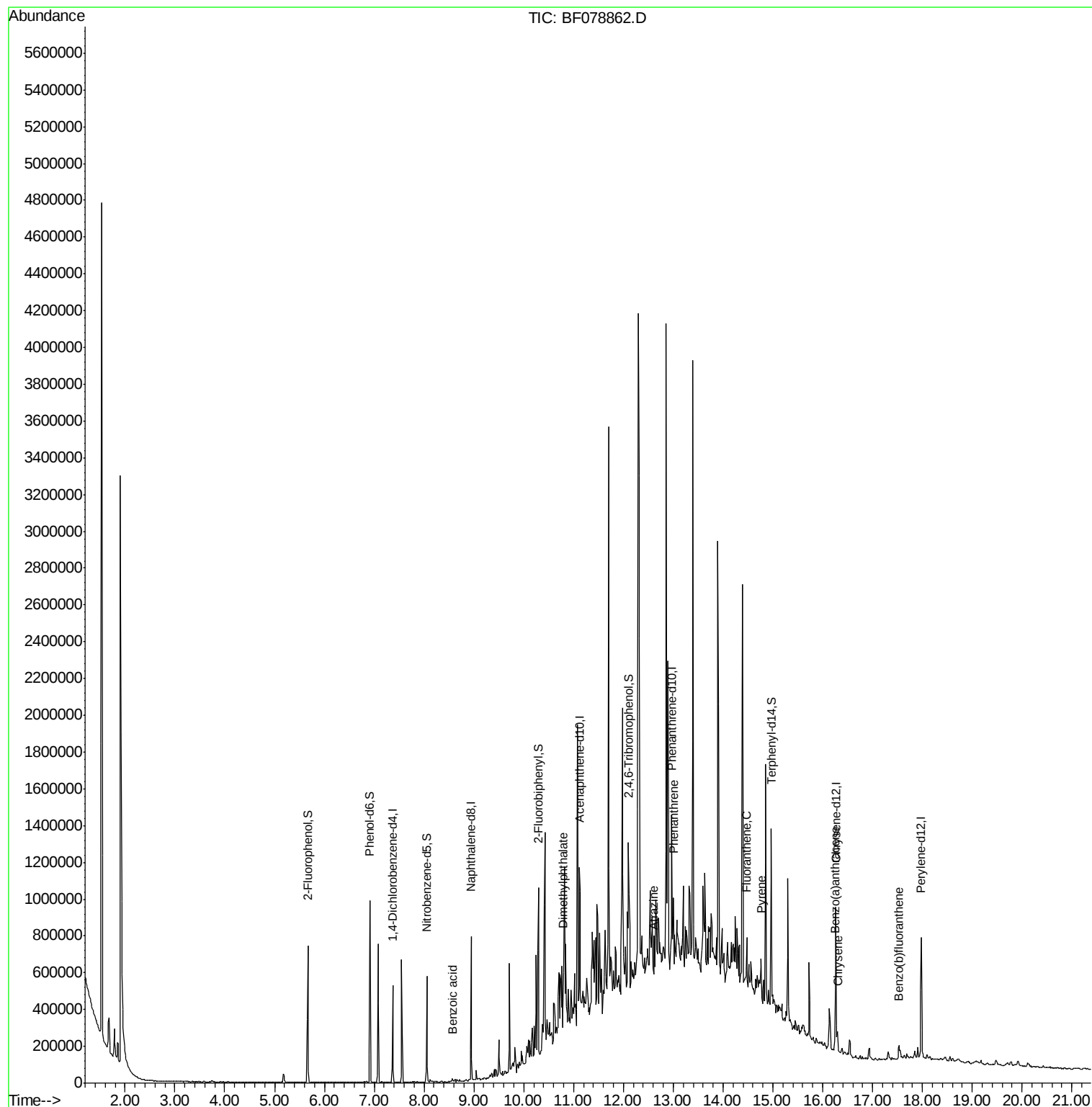
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078862.D
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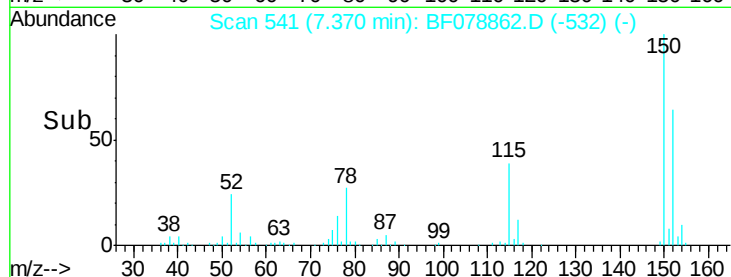
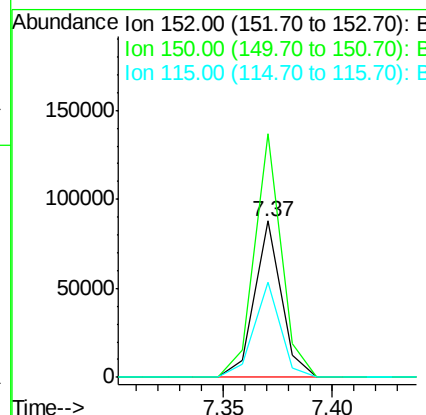
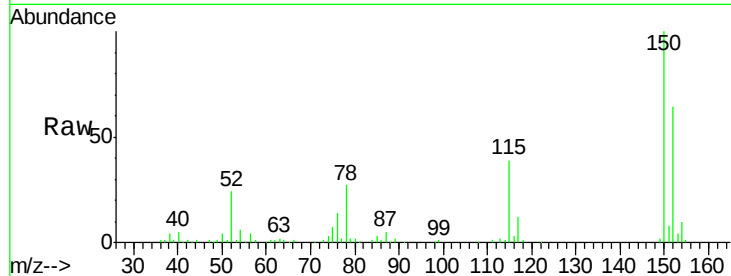
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.0	183.0
115	60.9	46.3	69.5

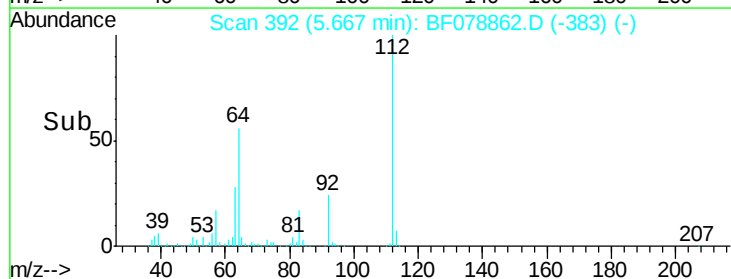
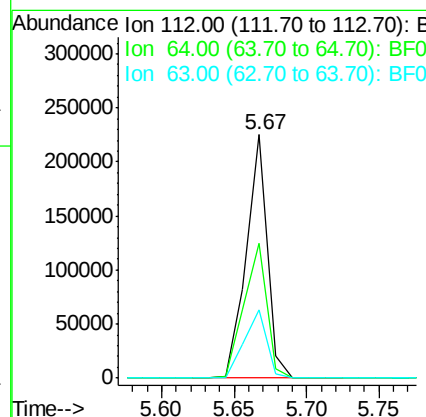
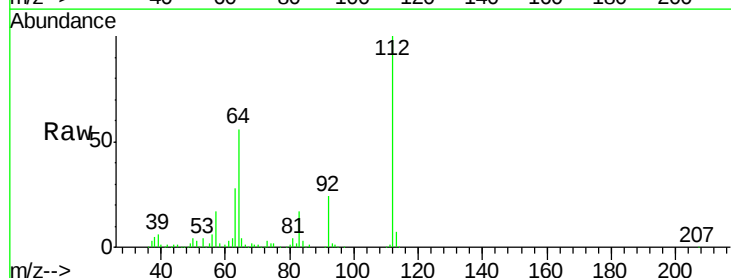
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#5
 2-Fluorophenol
 Concen: 52.02 ng
 RT: 5.67 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	53.5	80.3
63	28.1	27.5	41.3





#7

Phenol-d6

Concen: 52.95 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

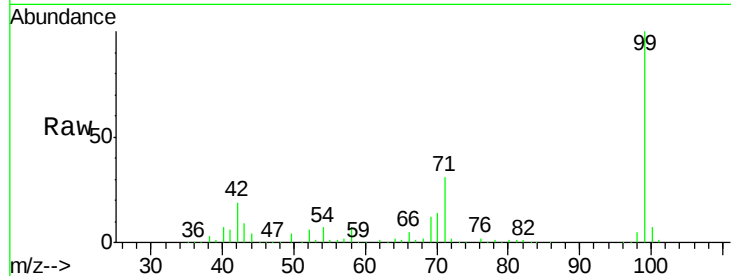
ClientSampleId :

SINGSING-SS3-0-6

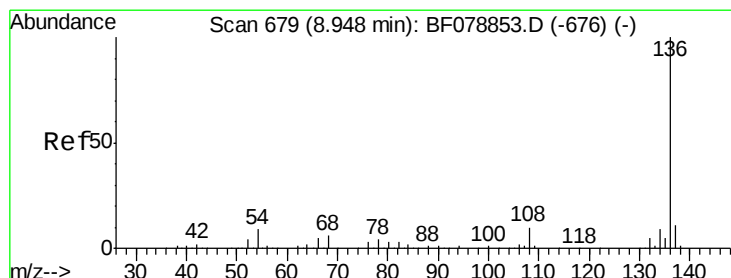
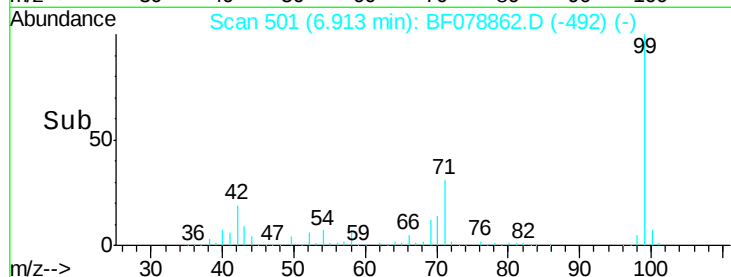
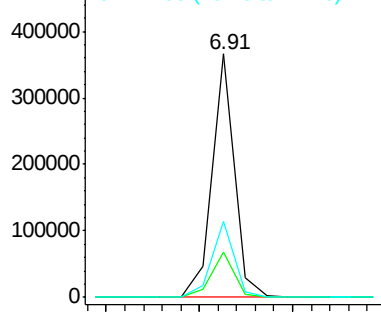
Tot Ion:	99	Resp:	305281
Ion Ratio	Lower	Upper	
99	100		
42	18.5	12.8	19.2
71	31.1	23.4	35.2

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Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

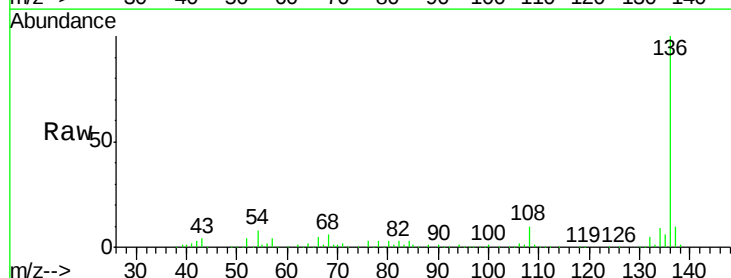
RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

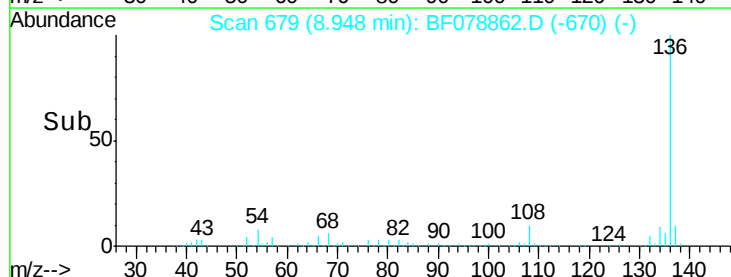
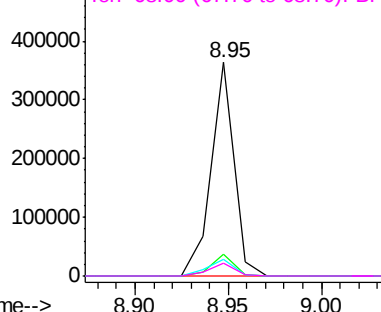
Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Tgt Ion:	136	Resp:	313176
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	7.5	5.8	8.8
68	5.8	4.2	6.4



Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)





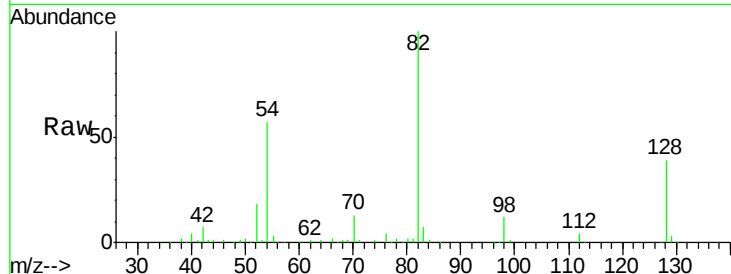
#23
Nitrobenzene-d5
Concen: 30.16 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

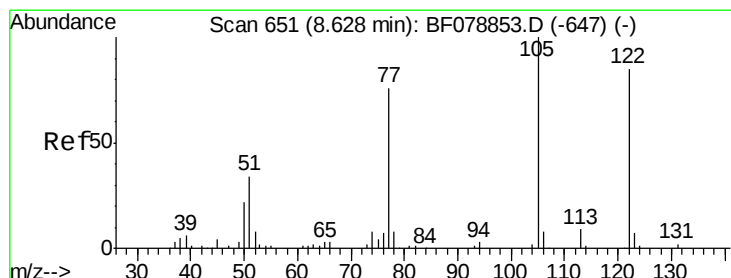
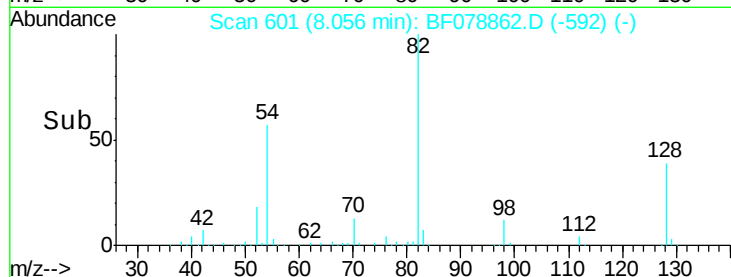
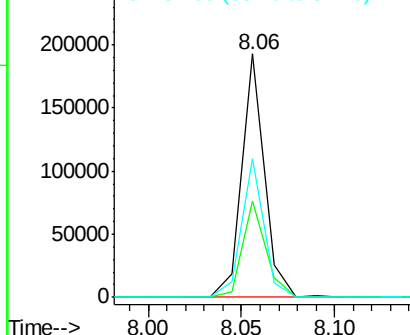
Tot Ion	82	Resp	164358
Ion Ratio	100	Lower	Upper
128	39.4	30.0	45.0
54	56.7	46.4	69.6

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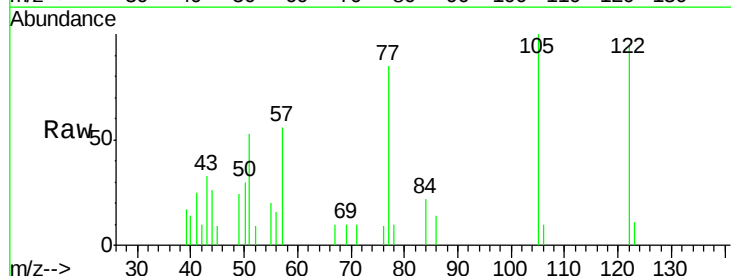


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

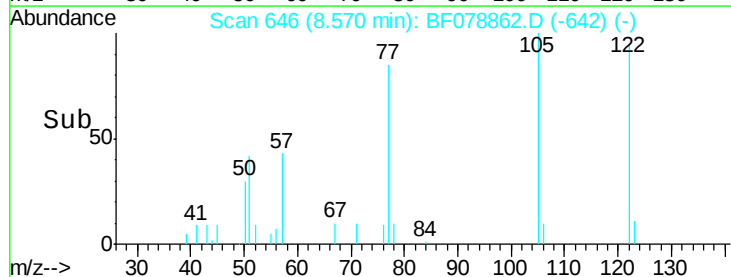
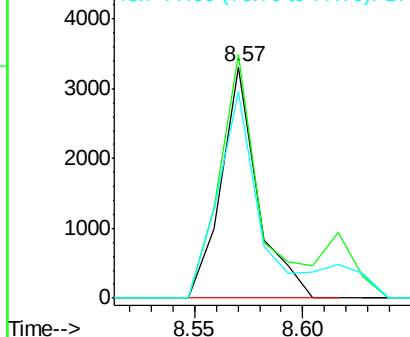


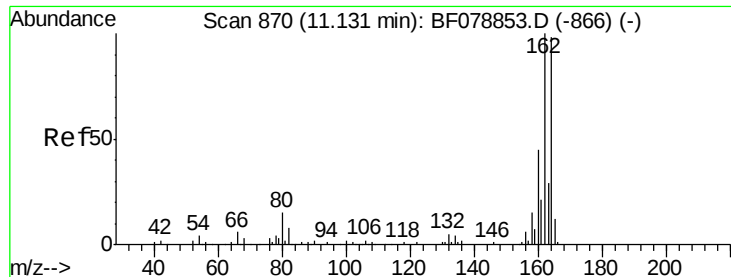
#32
Benzoic acid
Concen: 7.50 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion	122	Resp	3834
Ion Ratio	100	Lower	Upper
105	105.5	107.1	147.1#
77	89.3	73.9	113.9



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: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078862.D

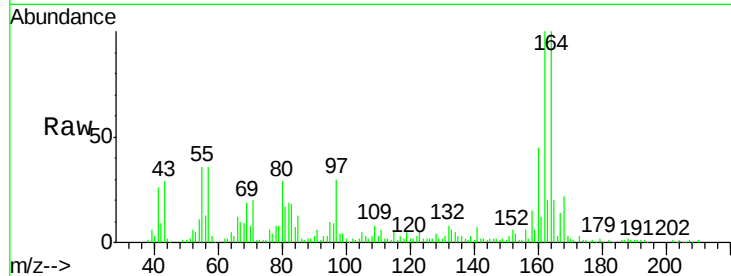
Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

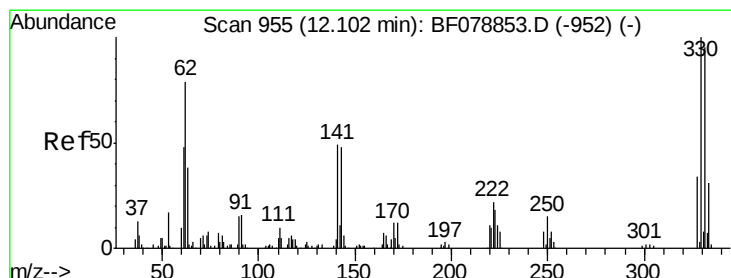
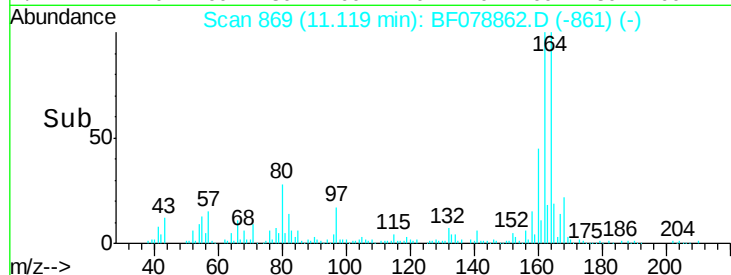
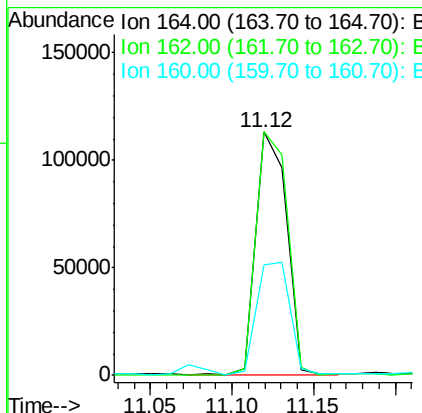
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Tot Ion:	164	Resp:	147050
Ion Ratio	Lower	Upper	
164	100		
162	100.1	82.7	124.1
160	45.3	35.8	53.8

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#41

2,4,6-Tribromophenol

Concen: 50.57 ng

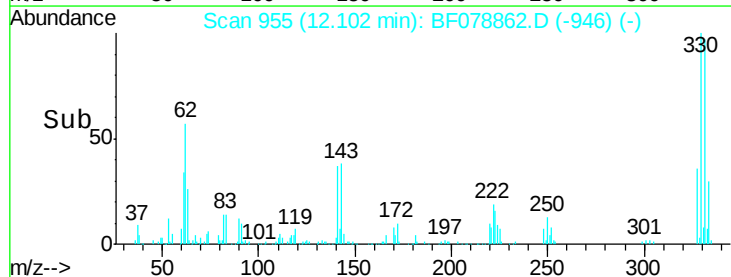
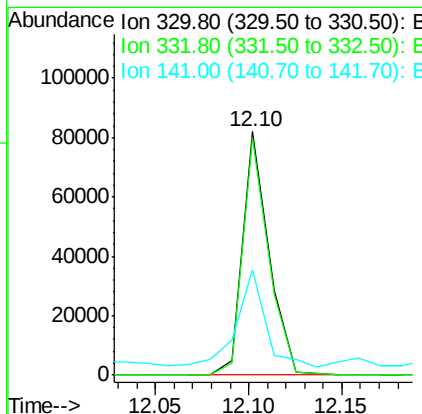
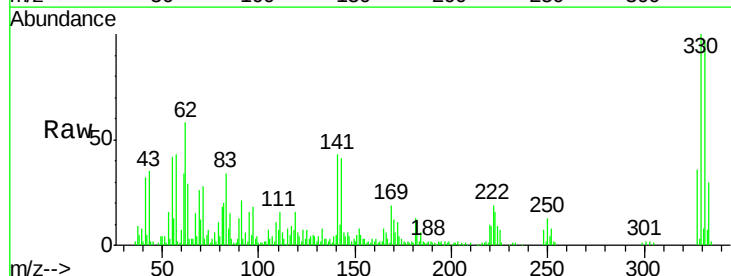
RT: 12.10 min Scan# 955

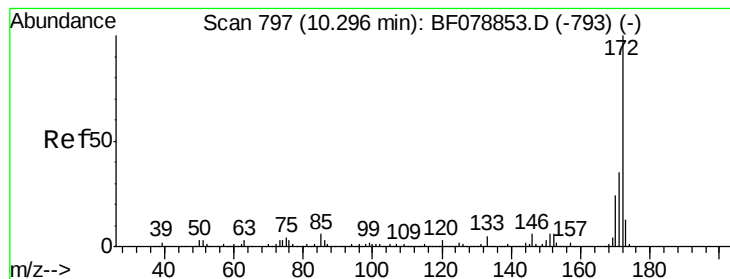
Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Tgt Ion:	330	Resp:	80445
Ion Ratio	Lower	Upper	
330	100		
332	95.9	0.0	0.0#
141	43.4	0.0	0.0#





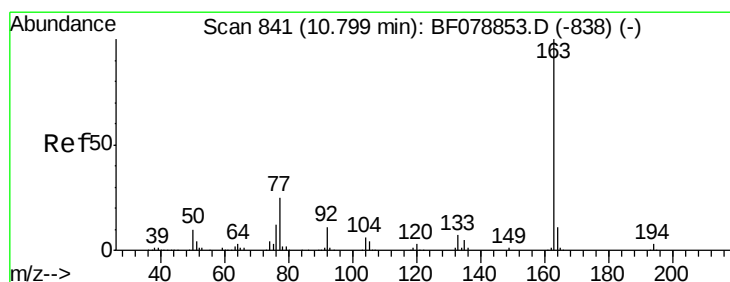
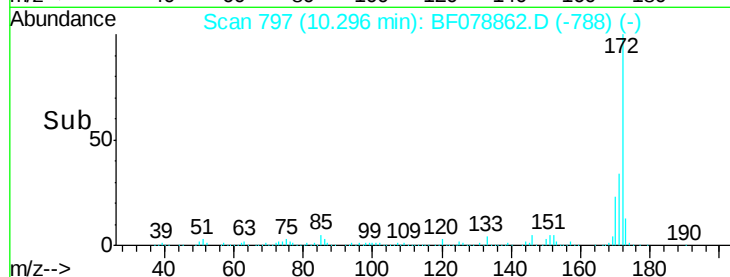
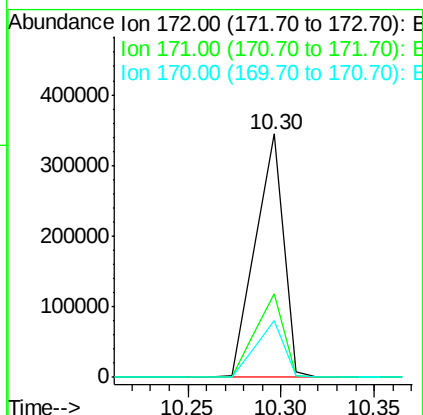
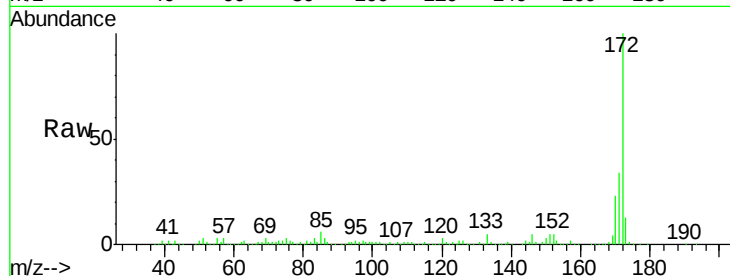
#44
2-Fluorobiphenyl
Concen: 34.04 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	27.9	41.9	
170	23.4	19.4	29.0	

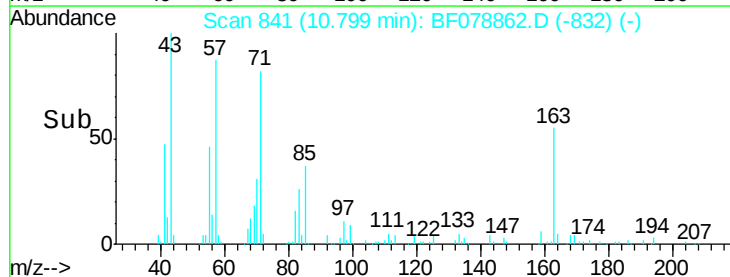
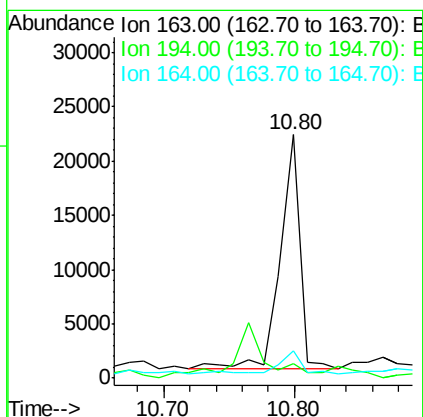
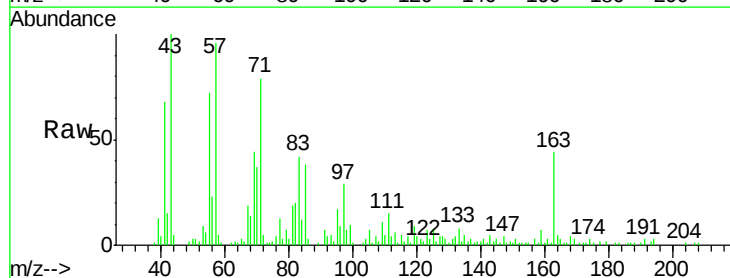
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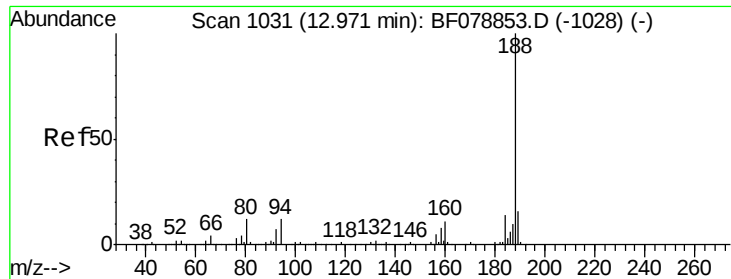
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#49
Dimethylphthalate
Concen: 2.10 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.9	2.6	4.0#	
164	11.5	8.1	12.1	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

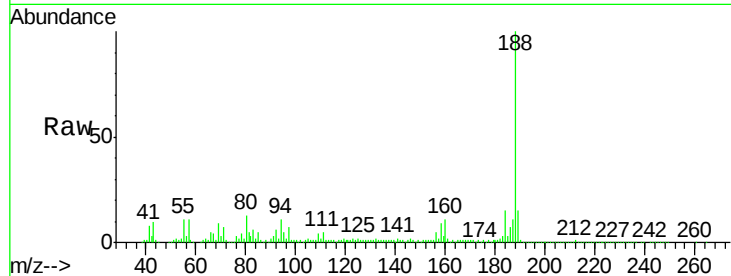
ClientSampleId :

SINGSING-SS3-0-6

Tot Ion:	188	Resp:	289214
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.2	12.2
80	12.7	8.9	13.3

Manual Integrations
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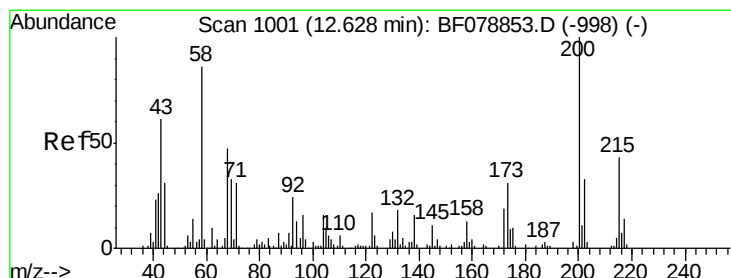
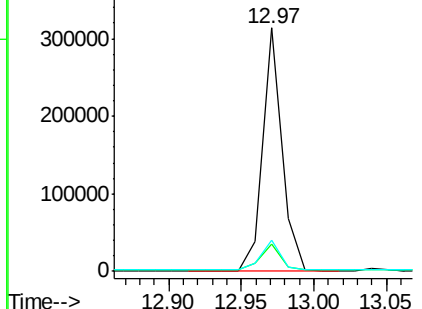
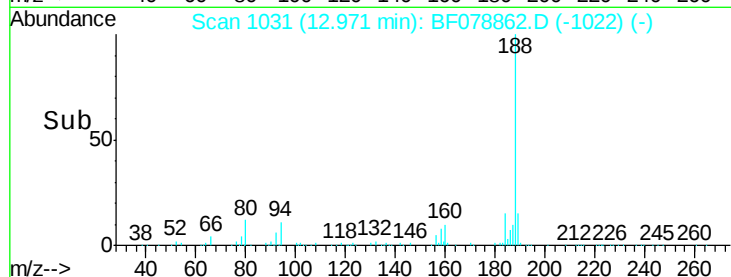
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#68

Atrazine

Concen: 2.34 ng

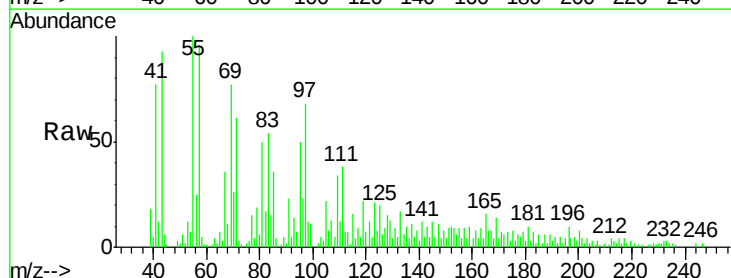
RT: 12.61 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

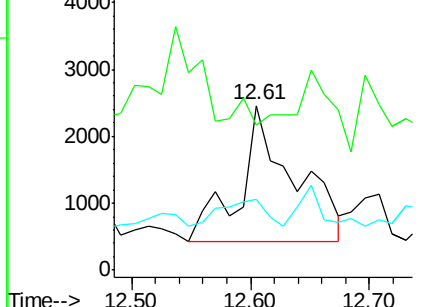
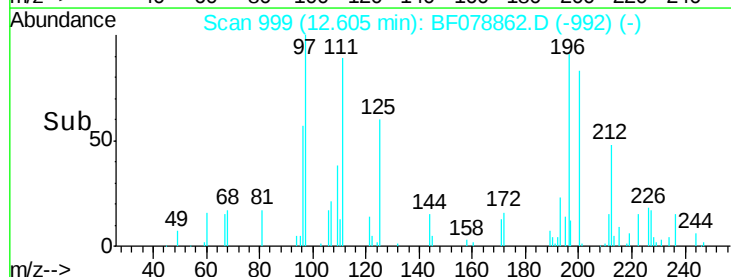
Tgt Ion:	200	Resp:	6567
Ion Ratio	Lower	Upper	
200	100		
173	88.1	8.1	48.1#
215	42.8	22.9	62.9

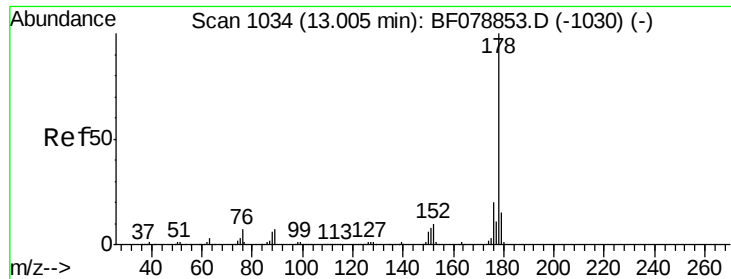


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





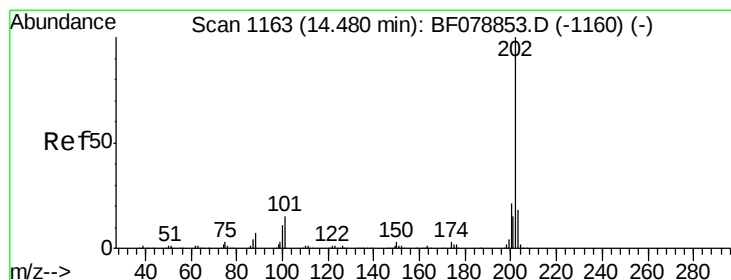
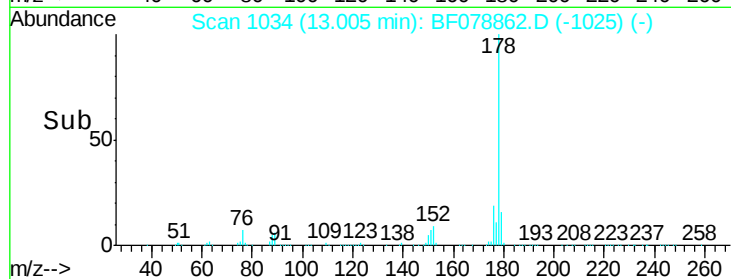
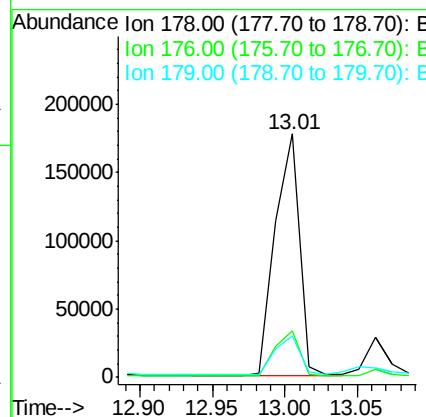
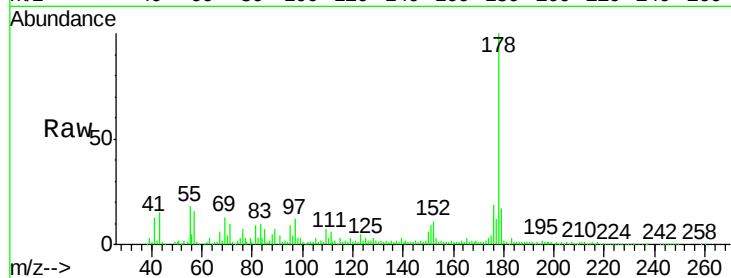
#70
Phenanthrene
Concen: 12.77 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.8	12.5	18.7

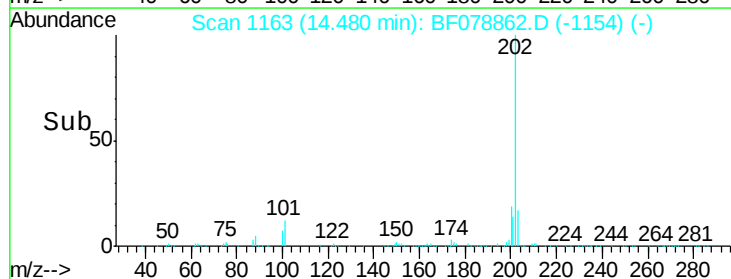
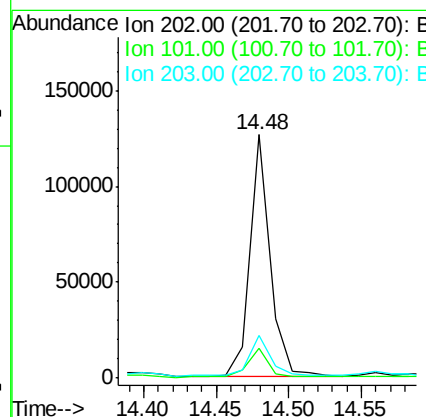
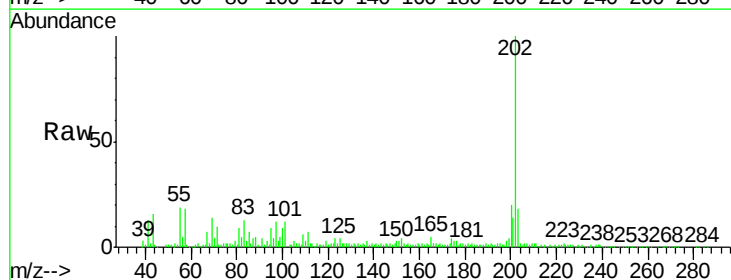
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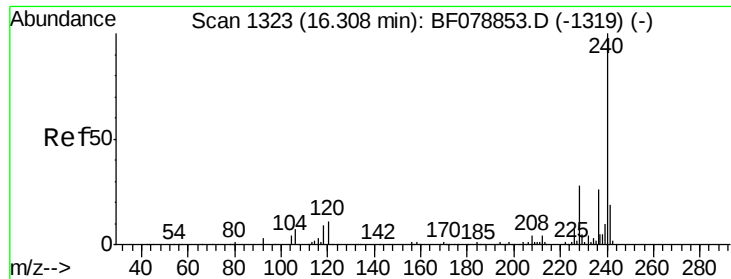
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#74
Fluoranthene
Concen: 7.17 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	17.6	0.0	38.4





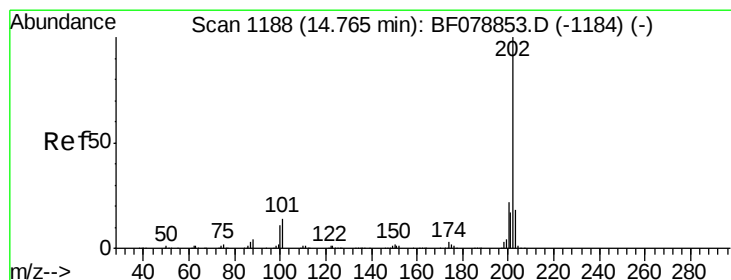
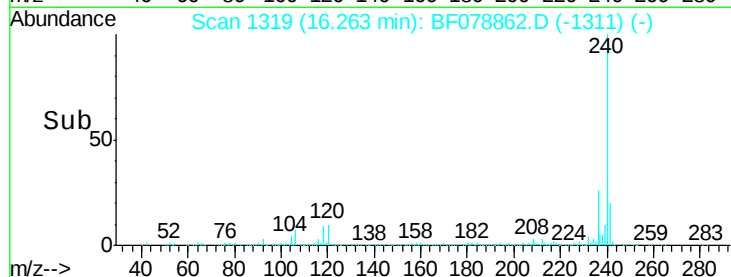
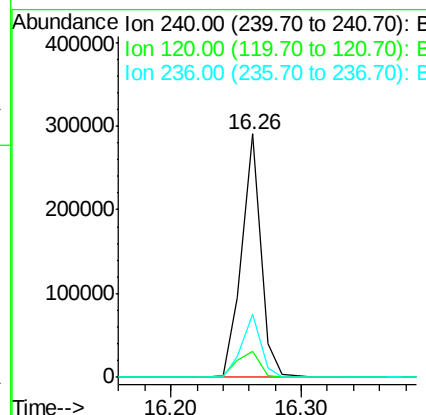
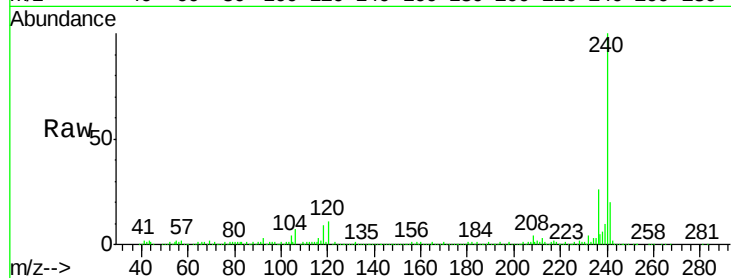
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100	299451		
120	10.5		9.7	14.5
236	25.8		20.2	30.4

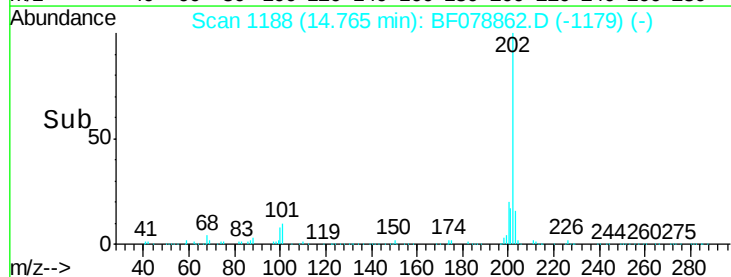
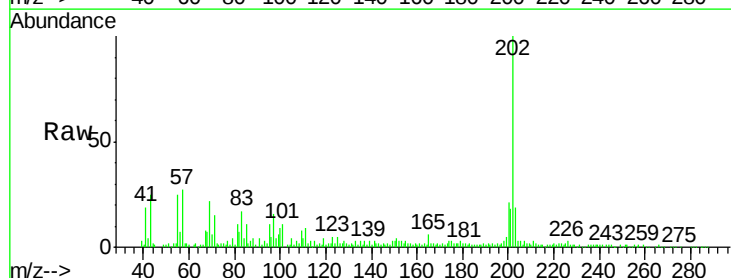
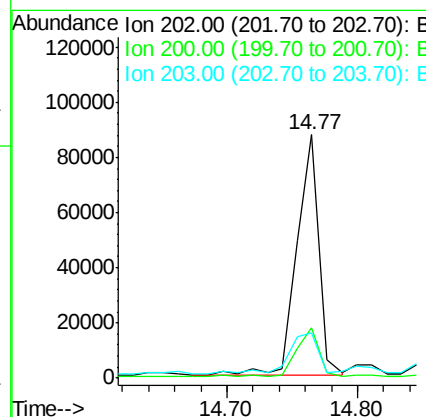
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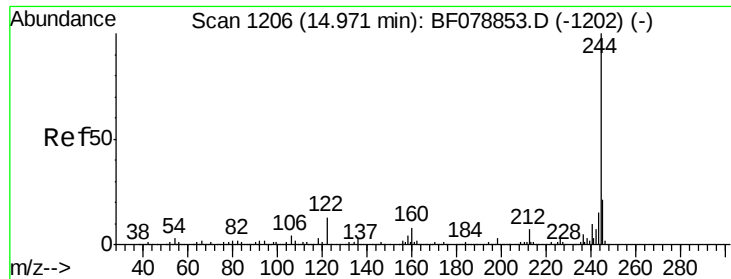
apatel
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#77
 Pyrene
 Concen: 5.98 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	103250		
200	20.7		17.5	26.3
203	18.6		13.9	20.9





#78

Terphenyl-d14

Concen: 34.88 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

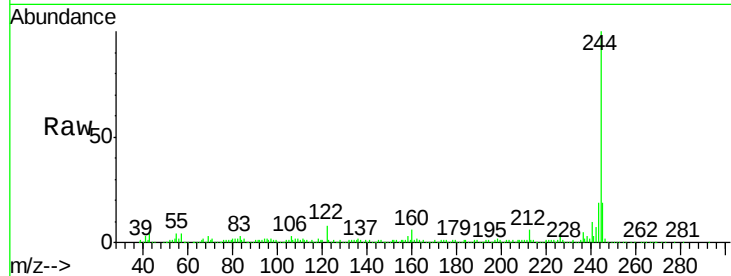
ClientSampleId :

SINGSING-SS3-0-6

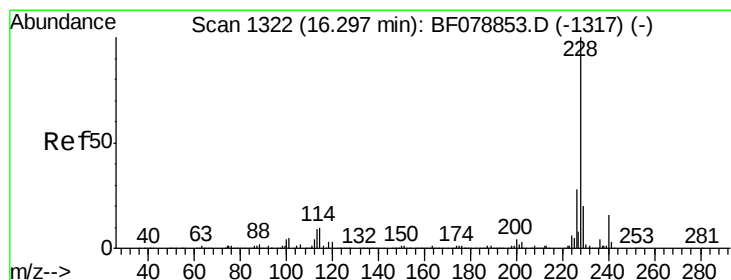
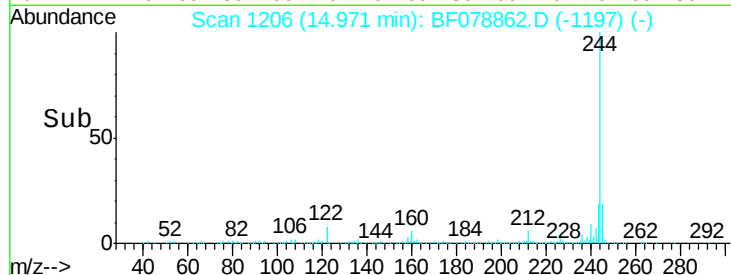
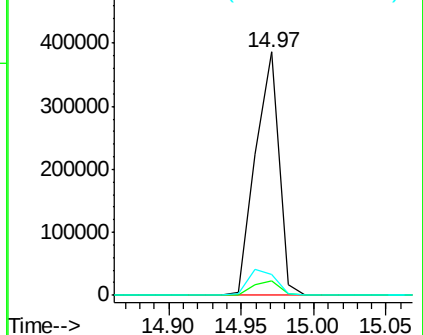
Tot Ion:	244	Resp:	436212
Ion Ratio		Lower	Upper
244	100		
212	6.1	5.6	8.4
122	8.4	10.3	15.5#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.91 ng

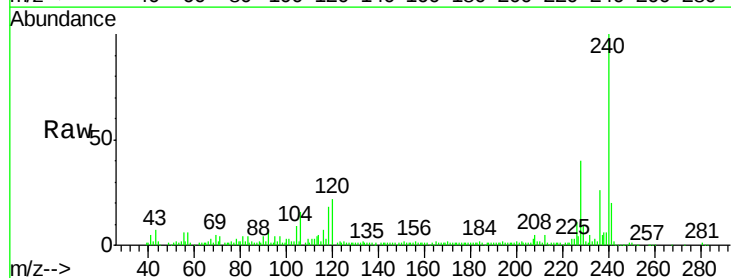
RT: 16.25 min Scan# 1318

Delta R.T. -0.01 min

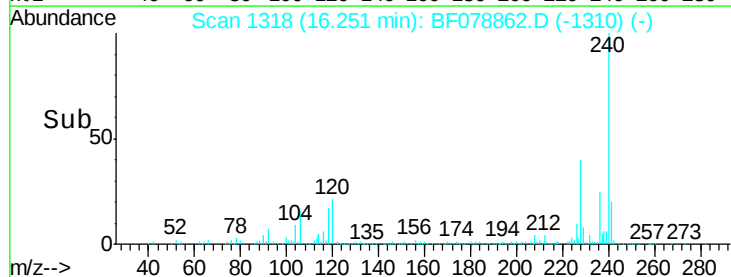
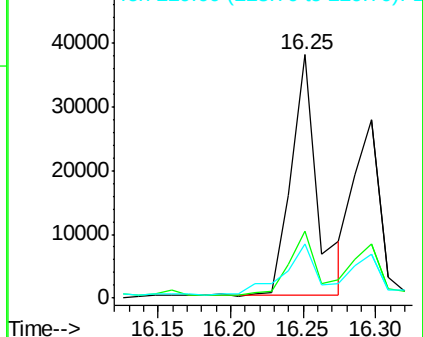
Lab File: BF078862.D

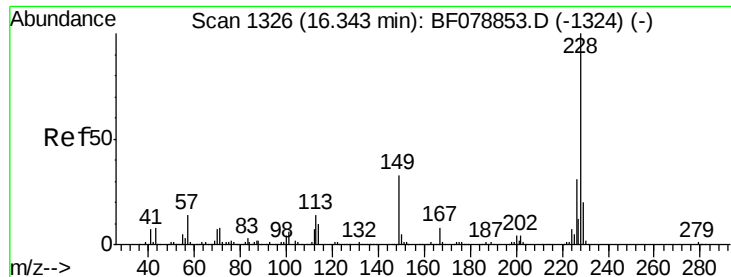
Acq: 30 Apr 2015 22:15

Tgt Ion:	228	Resp:	47716
Ion Ratio		Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.0	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.17 ng/mL

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

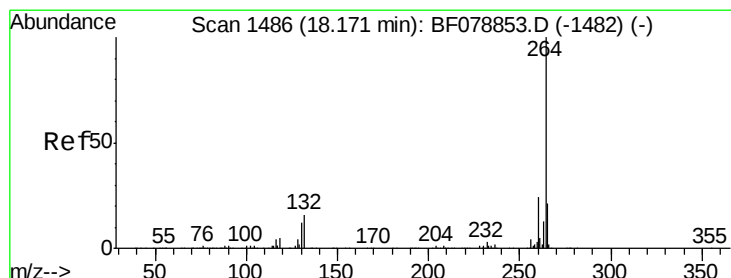
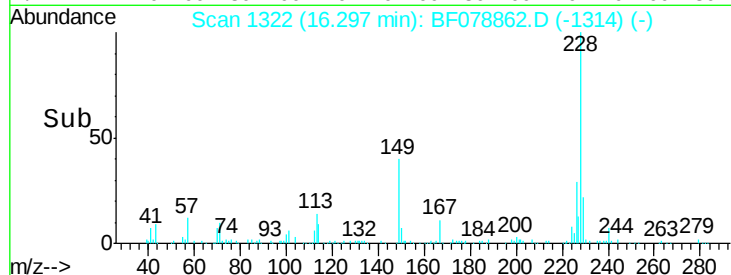
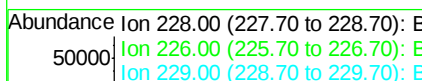
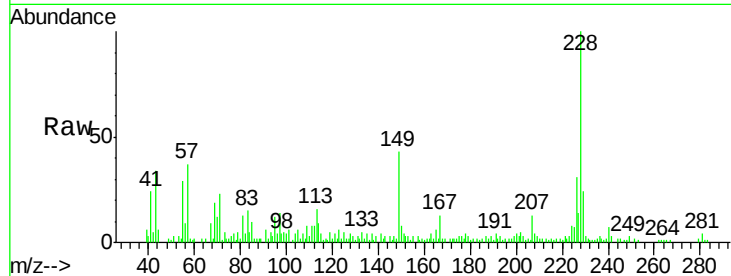
ClientSampleID :

SINGSING-SS3-0-6

Tot Ion:	228	Resp:	34193
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	24.4	16.0	24.0

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#86

Perylene-d12

Concen: 20.00 ng

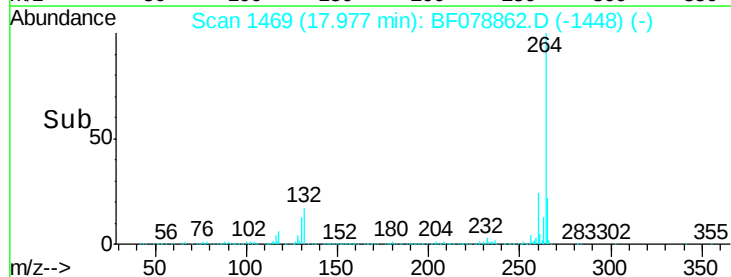
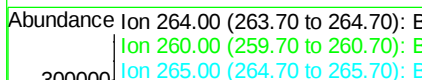
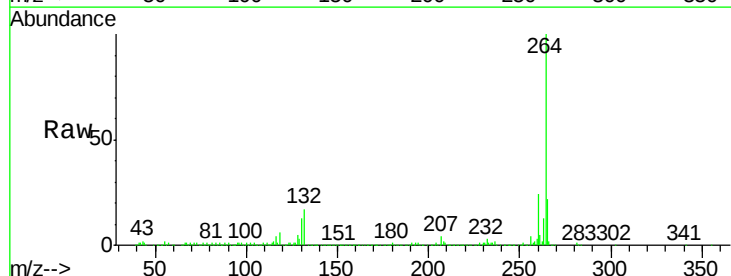
RT: 17.98 min Scan# 1469

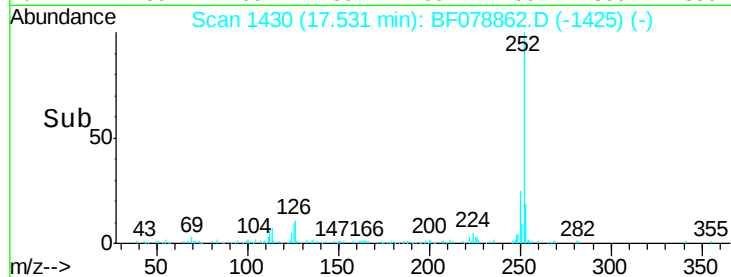
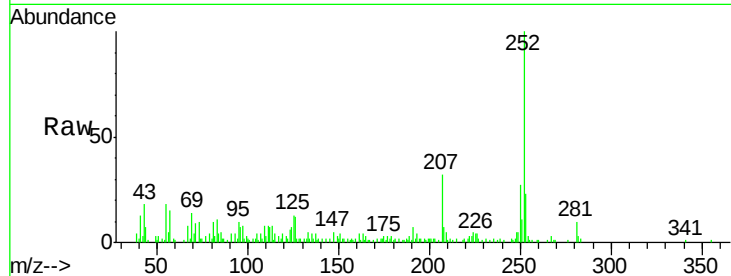
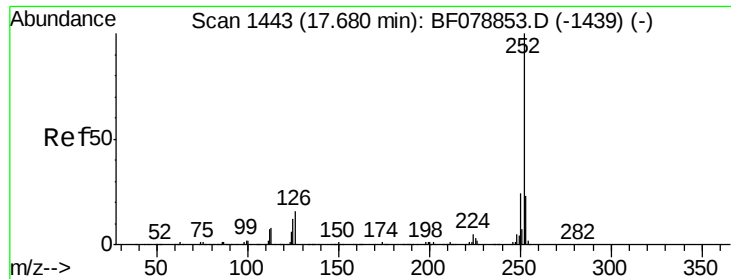
Delta R.T. -0.06 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Tgt Ion:	264	Resp:	314302
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	22.3	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 2.55 ng m

RT: 17.53 min Scan# 1430

Delta R.T. -0.05 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

Tot Ion:	252	Resp:	43797
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	13.4	9.5	14.3

Manual Integrations
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