

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003762.D
 Acq On : 24 Dec 2015 04:04
 Operator : UM/SJ
 Sample : G4793-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01-121115

Manual Integrations
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Sohil
 12/24/2015 5:29:06 PM

Quant Time: Dec 24 16:16:41 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	34027	5.00	ng	0.00
7) Naphthalene-d8	10.47	136	143464	5.00	ng	0.00
13) Acenaphthene-d10	14.32	164	77751	5.00	ng	0.00
19) Phenanthrene-d10	17.08	188	168081	5.00	ng	0.02
26) Chrysene-d12	21.28	240	209762	5.00	ng	-0.01
35) Perylene-d12	23.51	264	176769	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	23835	2.96	ng	0.00
5) Phenol-d6	6.87	99	16532	1.68	ng	0.00
8) Nitrobenzene-d5	8.84	82	32064	4.22	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	19515	7.98	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	118263	4.97	ng	0.00
29) Terphenyl-d14	19.73	244	127938	3.84	ng	0.00
Target Compounds						
10) Naphthalene	10.52	128	1177	0.04	ng	# 81
17) Acenaphthene	14.39	154	421	0.04	ng	# 75
18) Fluorene	15.39	166	980	0.03	ng	98
25) Fluoranthene	19.14	202	3032	0.15	ng	99
33) Bis(2-ethylhexyl)phthalate	21.19	149	1329	0.22	ng	# 99

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

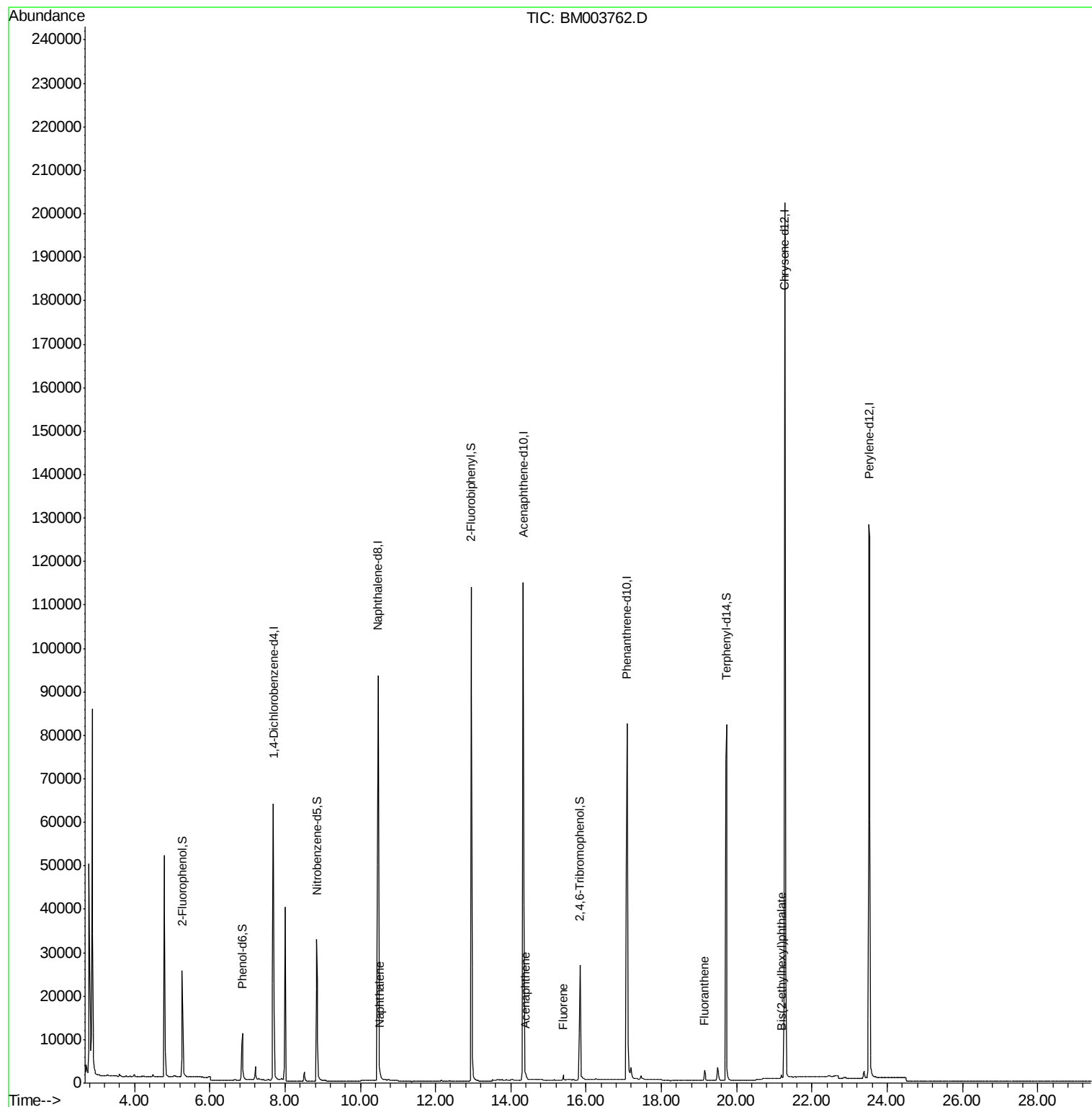
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003762.D
Acq On : 24 Dec 2015 04:04
Operator : UM/SJ
Sample : G4793-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

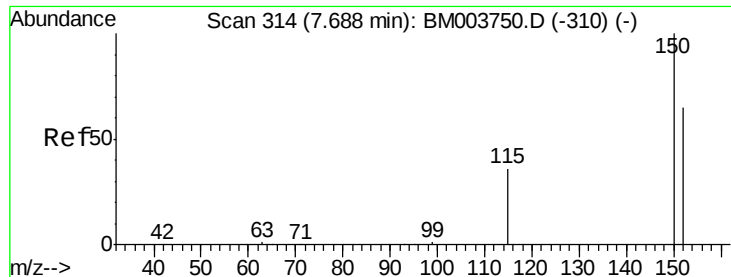
Instrument :
BNA_M
ClientSampleId :
FB-01-121115

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
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#1

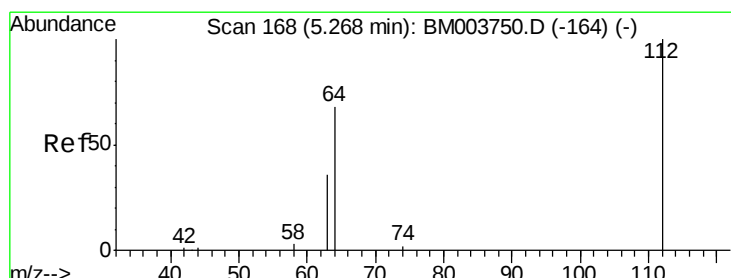
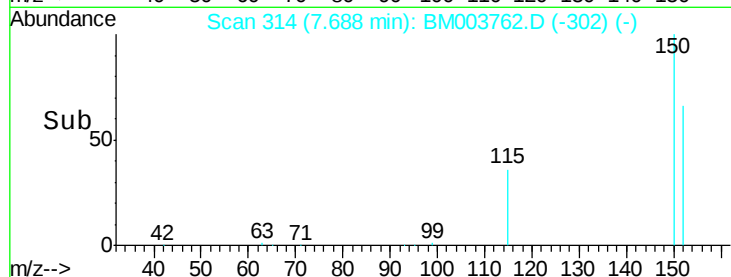
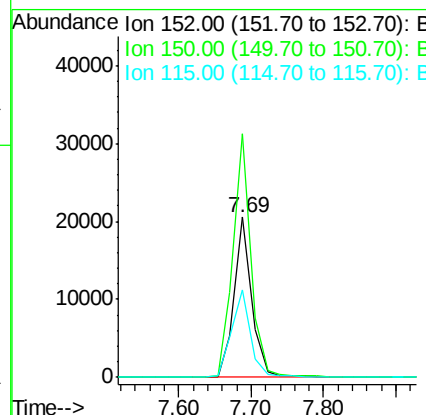
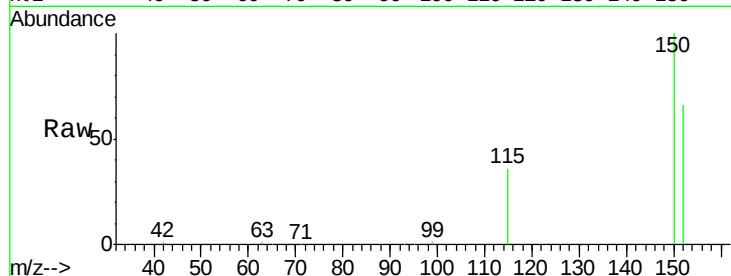
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003762.D
Acq: 24 Dec 2015 04:04

Instrument :
BNA_M
ClientSampleId :
FB-01-121115

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.9	184.3
115	54.9	44.4	66.6

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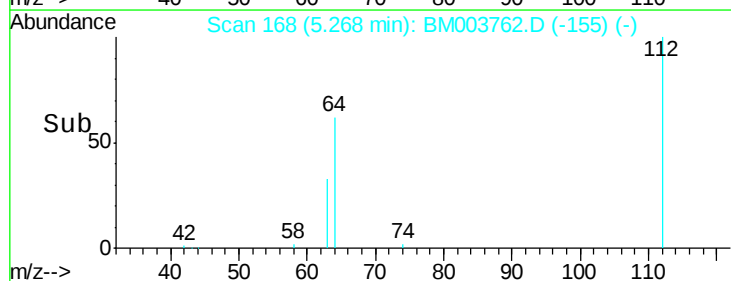
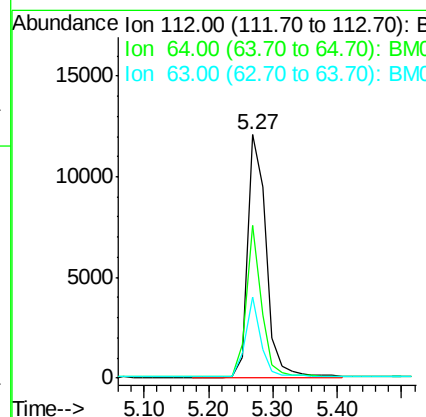
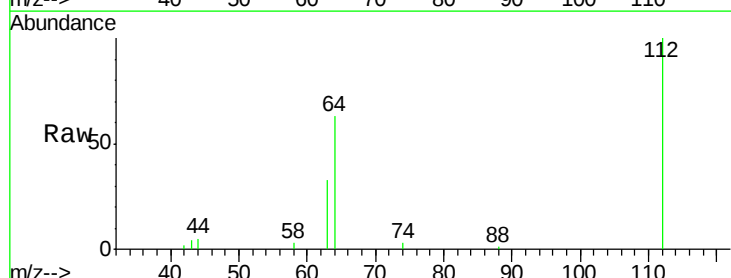
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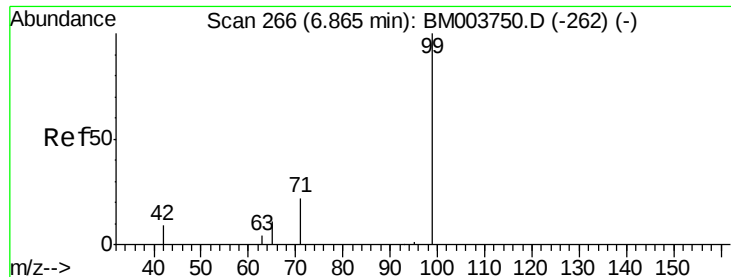


#4

2-Fluorophenol
Concen: 2.96 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003762.D
Acq: 24 Dec 2015 04:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.9	22.1	33.1





#5

Phenol-d6

Concen: 1.68 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Instrument :

BNA_M

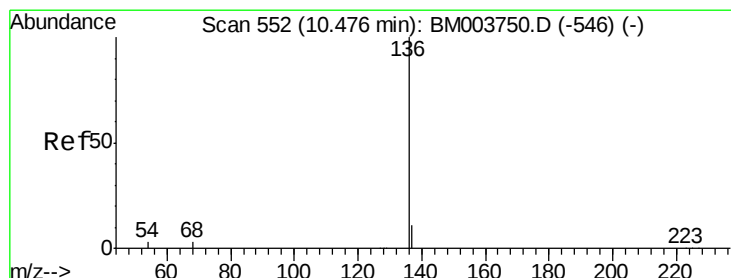
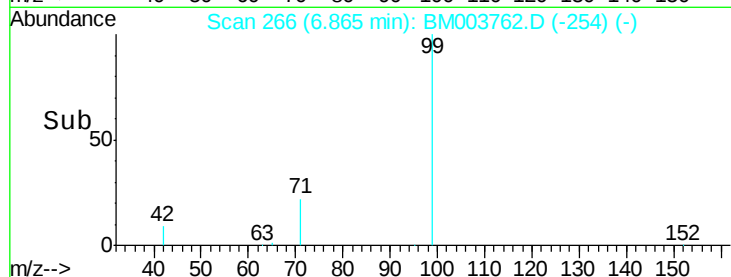
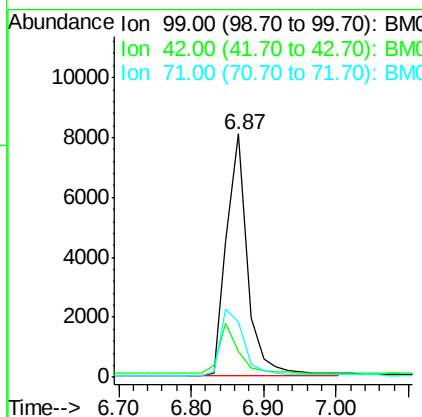
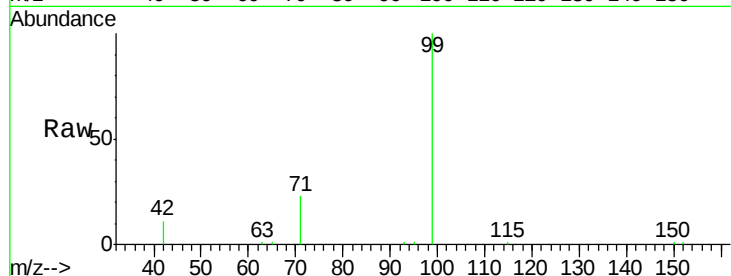
ClientSampleId :

FB-01-121115

Tot Ion:	99	Resp:	16532
Ion Ratio	Lower	Upper	
99	100		
42	18.3	16.2	24.2
71	30.7	24.4	36.6

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#7

Naphthalene-d8

Concen: 5.00 ng

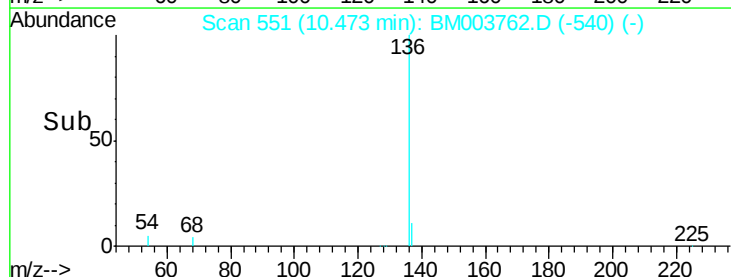
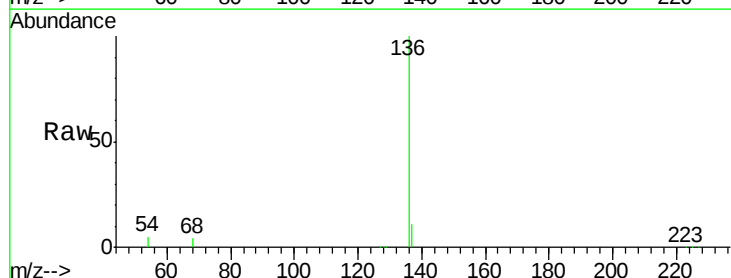
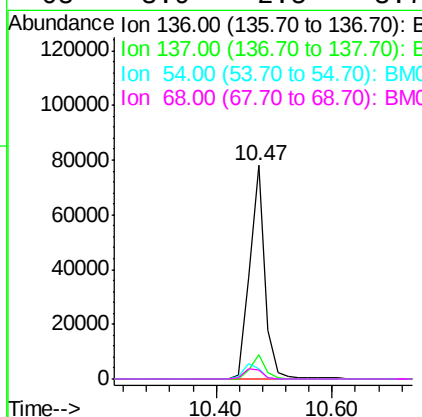
RT: 10.47 min Scan# 551

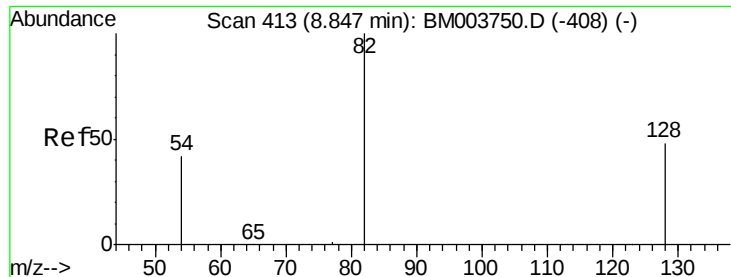
Delta R.T. -0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Tgt Ion:	136	Resp:	143464
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	4.7	2.8	4.2#
68	3.9	2.5	3.7#





#8

Nitrobenzene-d5

Concen: 4.22 ng

RT: 8.84 min Scan# 412

Delta R.T. -0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Instrument :

BNA_M

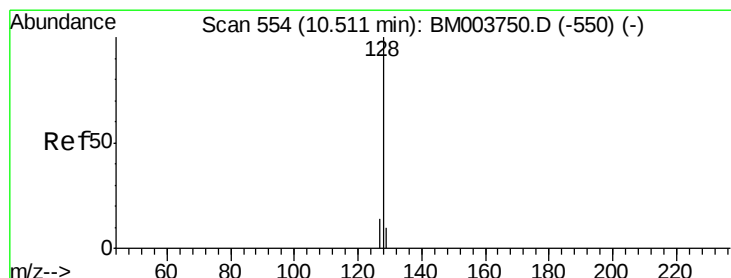
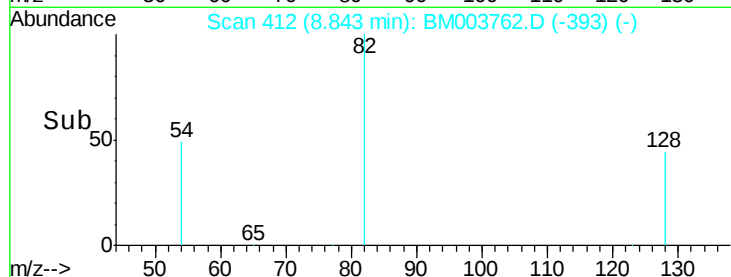
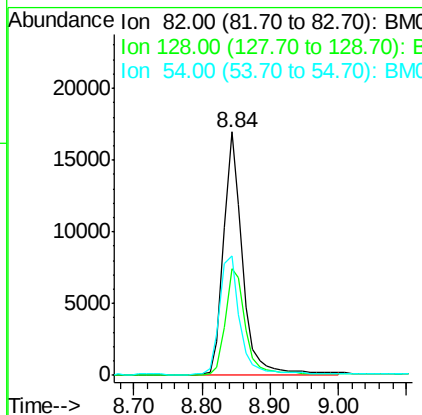
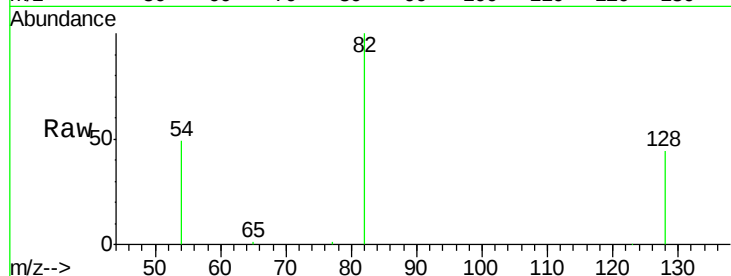
ClientSampleId :

FB-01-121115

Tot Ion:	82	Resp:	32064
Ion Ratio	Lower	Upper	
82	100		
128	43.9	39.1	58.7
54	49.2	34.8	52.2

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#10

Naphthalene

Concen: 0.04 ng

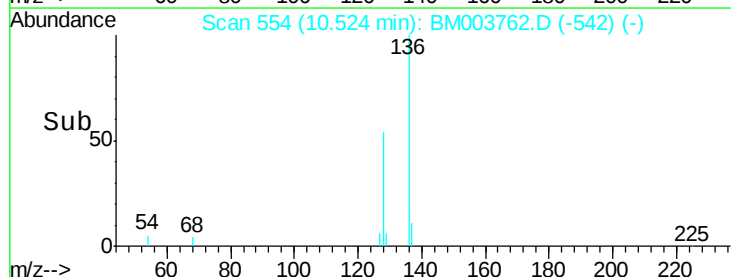
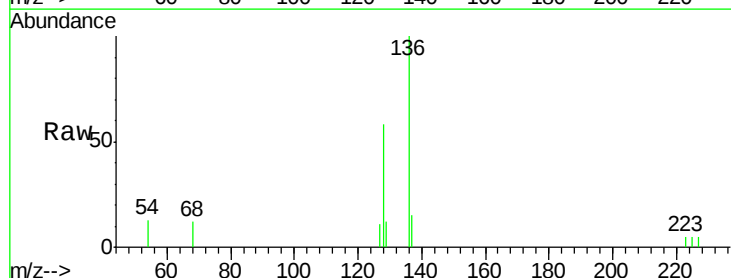
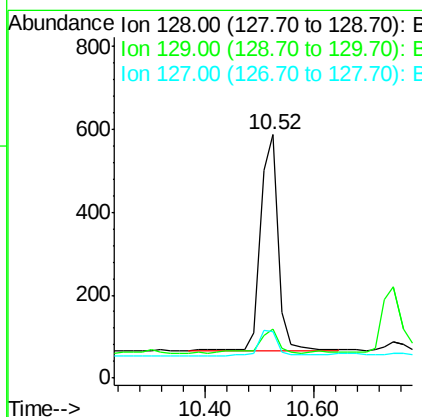
RT: 10.52 min Scan# 554

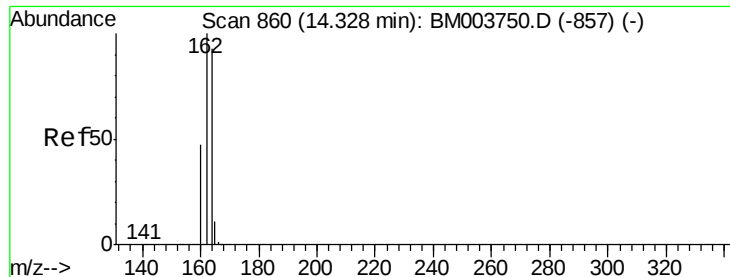
Delta R.T. 0.01 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Tgt Ion:	128	Resp:	1177
Ion Ratio	Lower	Upper	
128	100		
129	20.1	8.5	12.7#
127	19.2	11.0	16.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Instrument :

BNA_M

ClientSampleId :

FB-01-121115

Tot Ion:164 Resp: 77751

Ion Ratio Lower Upper

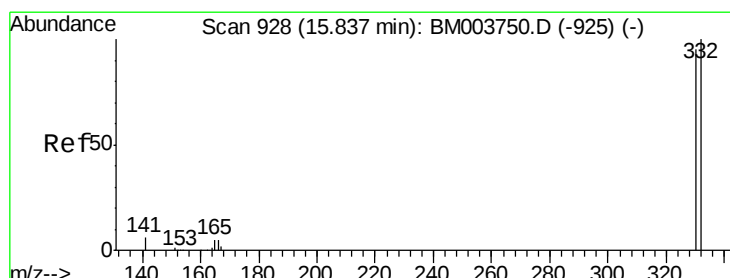
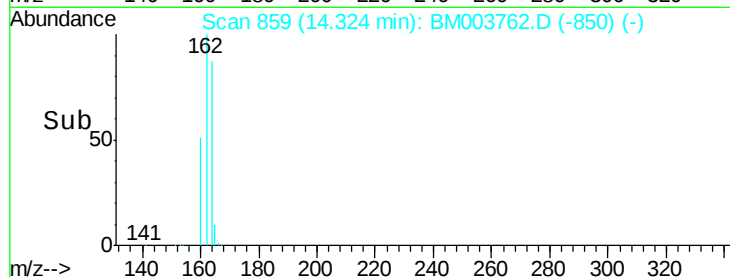
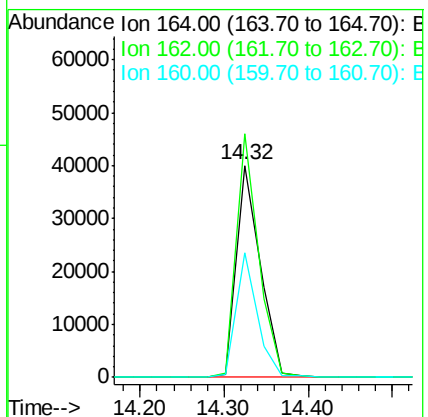
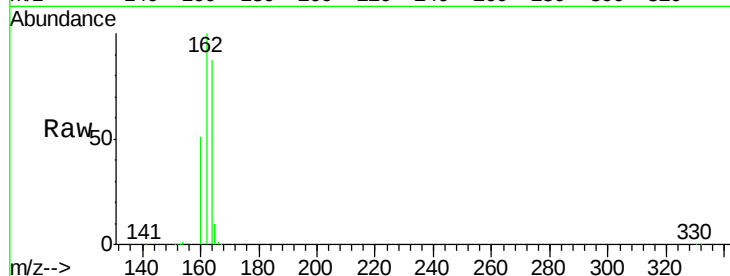
164 100

162 115.0 86.0 129.0

160 58.8 40.3 60.5

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#14

2,4,6-Tribromophenol

Concen: 7.98 ng

RT: 15.83 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

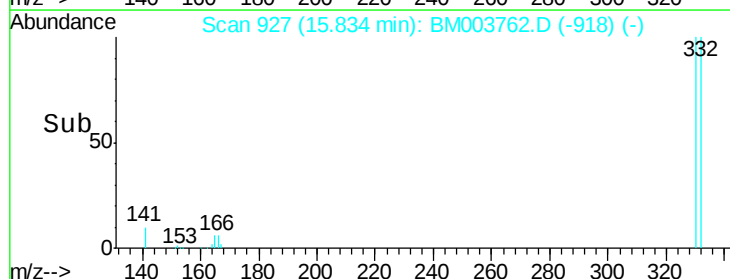
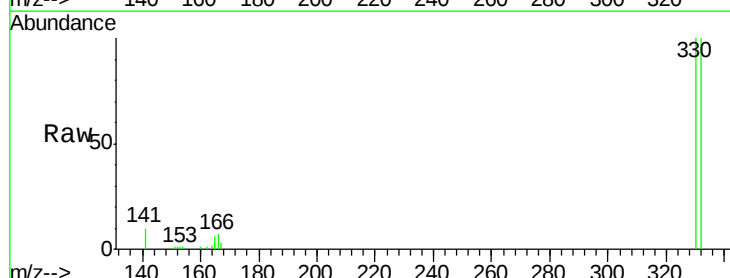
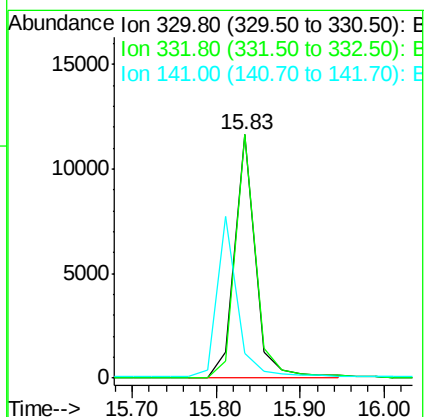
Tgt Ion:330 Resp: 19515

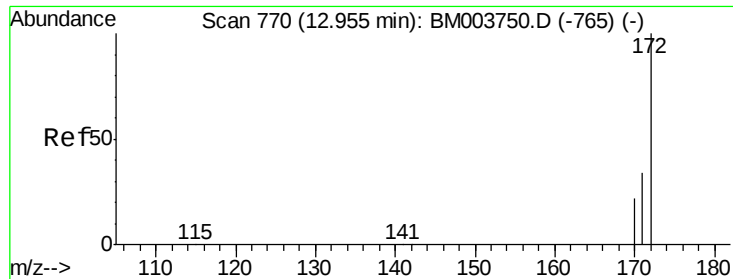
Ion Ratio Lower Upper

330 100

332 98.4 79.0 118.4

141 0.0 0.0 0.0





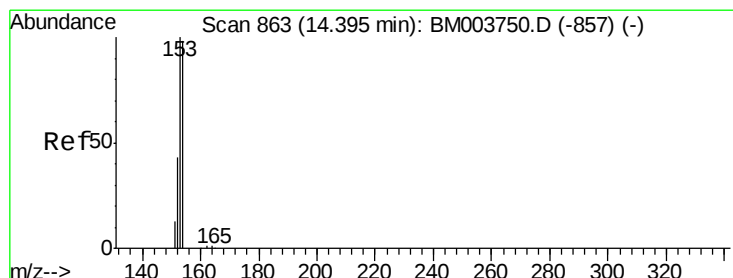
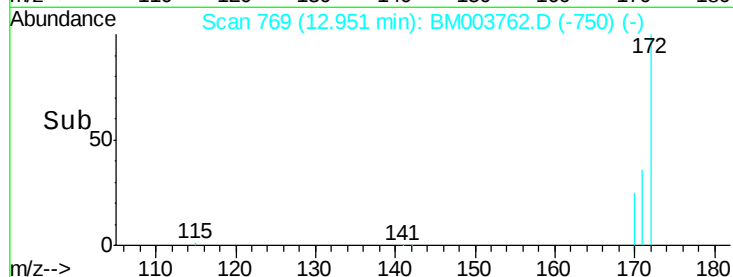
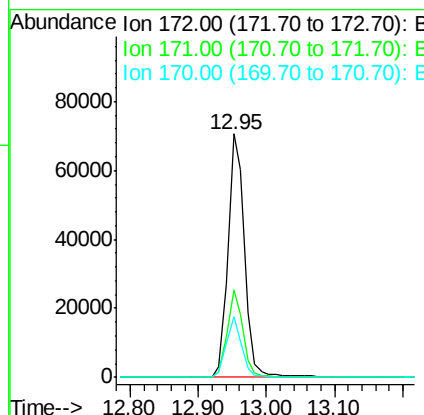
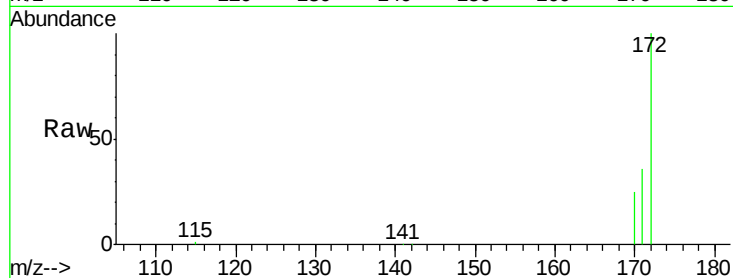
#15
2-Fluorobiphenyl
Concen: 4.97 ng
RT: 12.95 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003762.D
Acq: 24 Dec 2015 04:04

Instrument :
BNA_M
ClientSampleId :
FB-01-121115

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.0	40.6
170	24.8	17.9	26.9

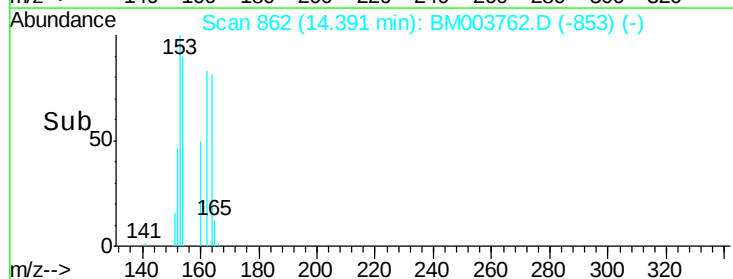
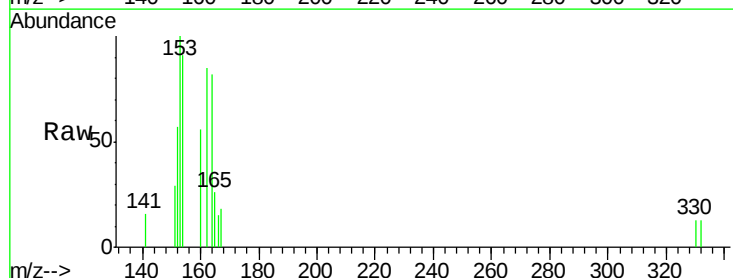
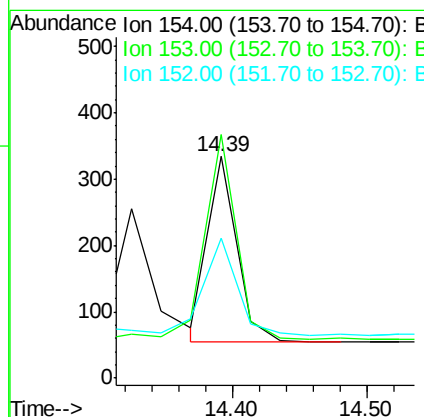
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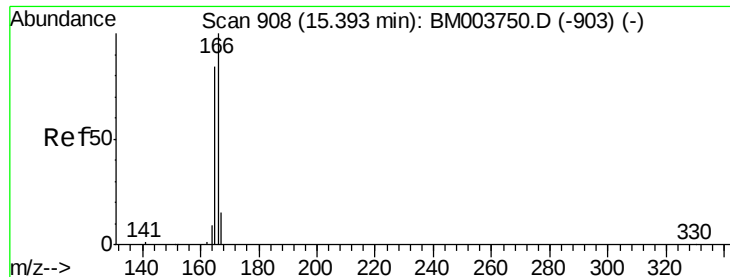
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#17
Acenaphthene
Concen: 0.04 ng
RT: 14.39 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM003762.D
Acq: 24 Dec 2015 04:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	130.9	85.4	128.2#
152	71.5	40.6	60.8#





#18

Fluorene

Concen: 0.03 ng

RT: 15.39 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Instrument :

BNA_M

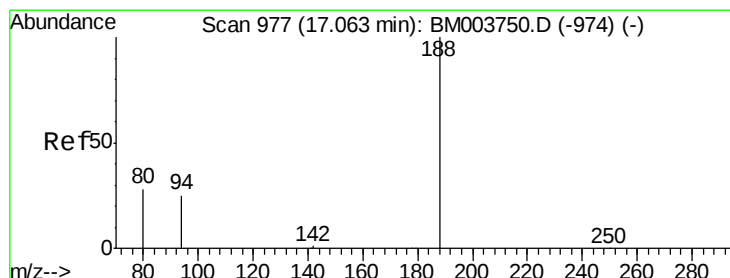
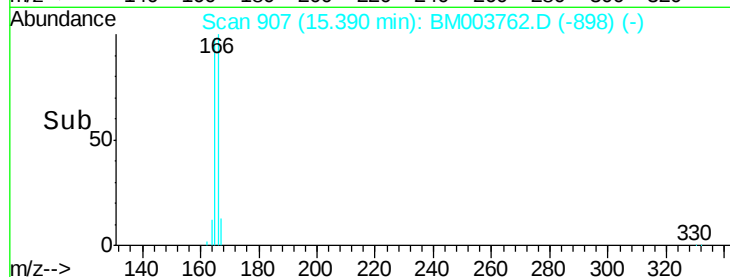
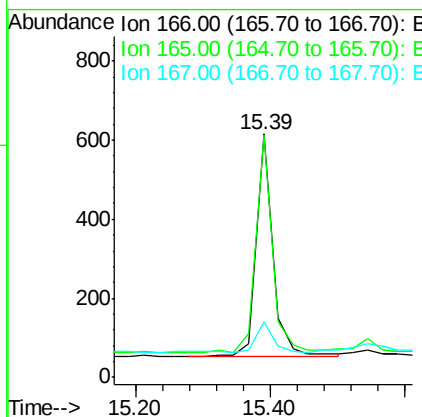
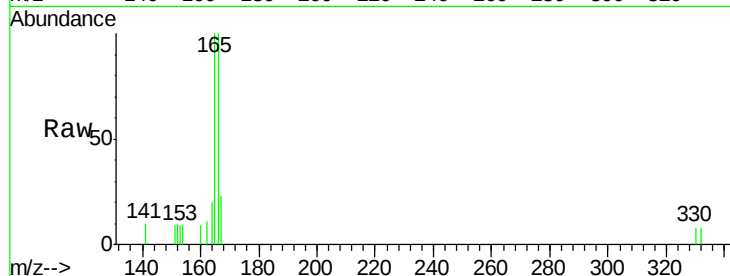
ClientSampleId :

FB-01-121115

Tot Ion:	166	Resp:	980
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.2	115.8
167	13.9	11.0	16.6

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#19

Phenanthrene-d10

Concen: 5.00 ng

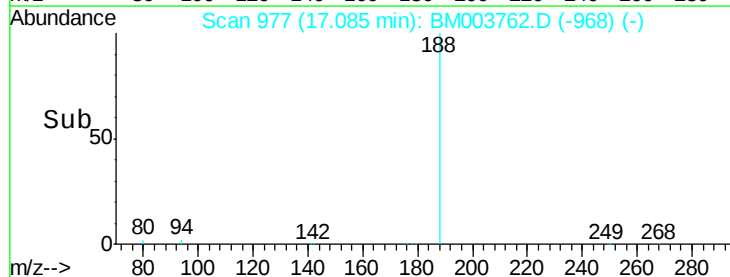
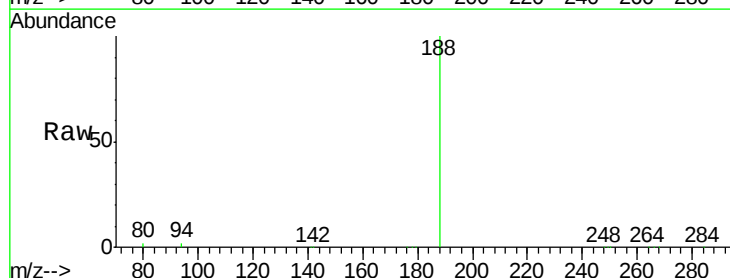
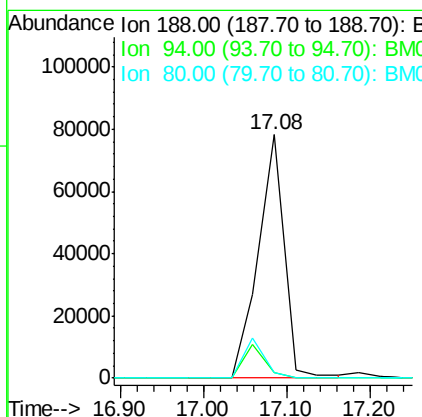
RT: 17.08 min Scan# 977

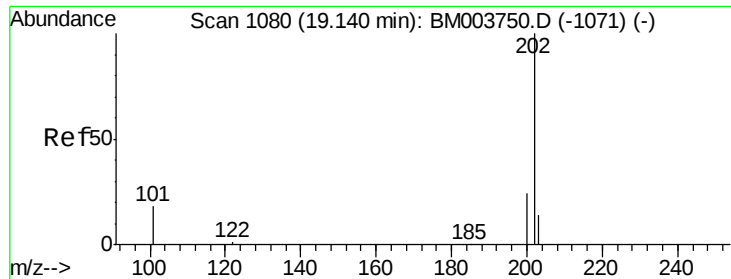
Delta R.T. 0.02 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Tgt Ion:	188	Resp:	168081
Ion Ratio	Lower	Upper	
188	100		
94	2.5	20.3	30.5#
80	2.1	22.2	33.4#





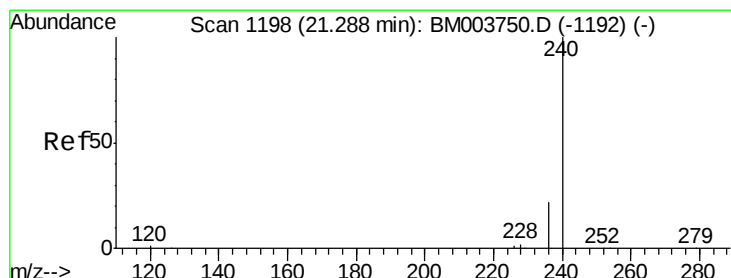
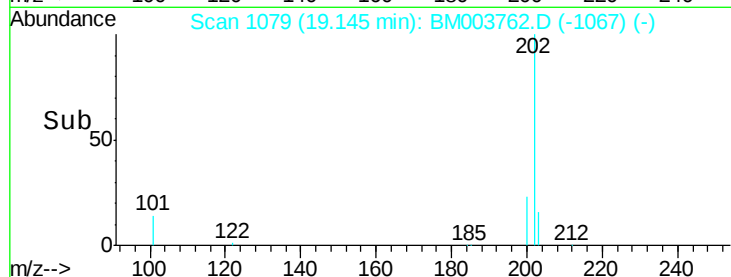
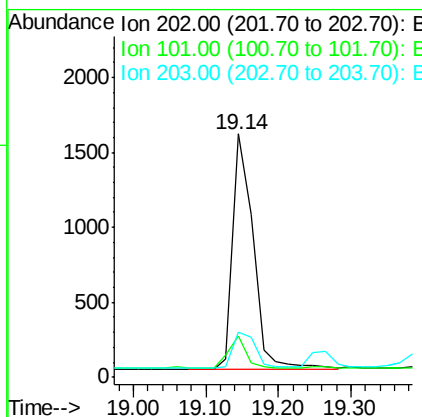
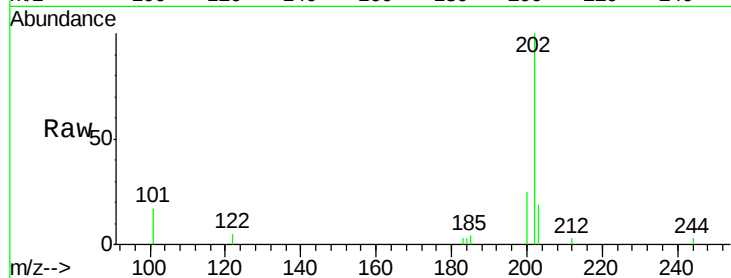
#25
 Fluoranthene
 Concen: 0.15 ng
 RT: 19.14 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BM003762.D
 Acq: 24 Dec 2015 04:04

Instrument :
 BNA_M
 ClientSampleId :
 FB-01-121115

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.7	14.5
203	16.7	13.8	20.8

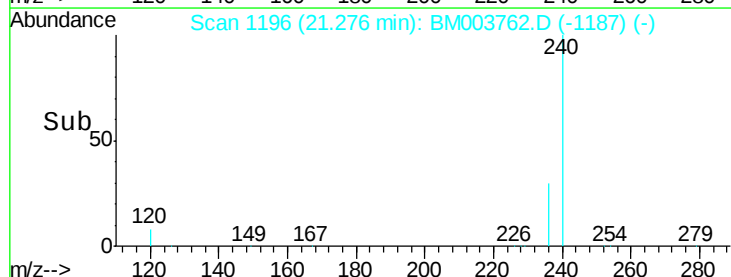
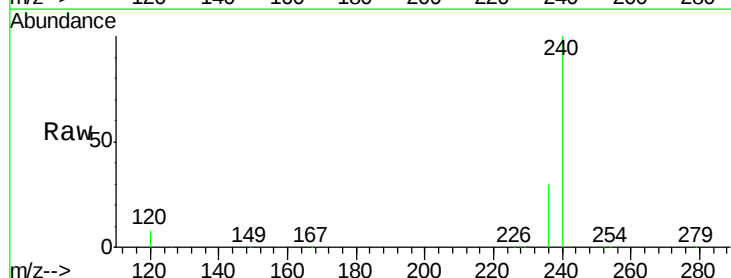
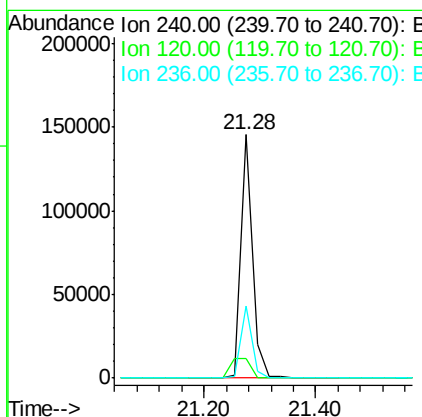
Manual Integrations
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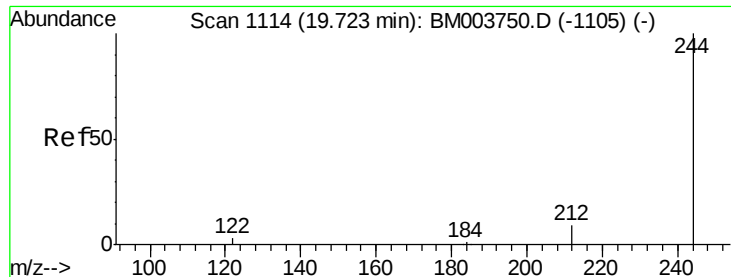
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#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM003762.D
 Acq: 24 Dec 2015 04:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	0.9	1.3#
236	29.6	17.3	25.9#





#29

Terphenyl-d14

Concen: 3.84 ng

RT: 19.73 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BM003762.D

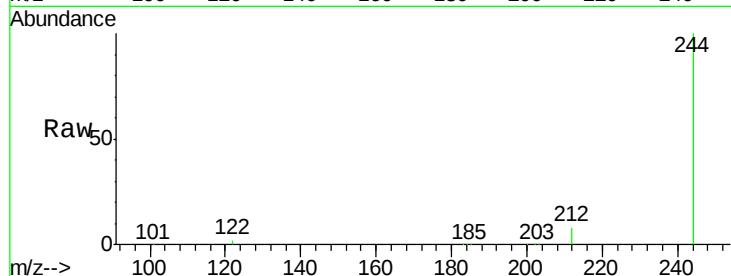
Acq: 24 Dec 2015 04:04

Instrument :

BNA_M

ClientSampleId :

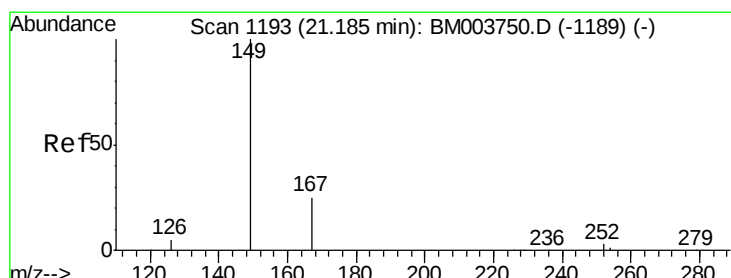
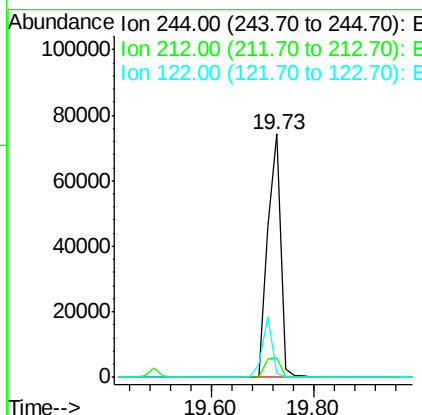
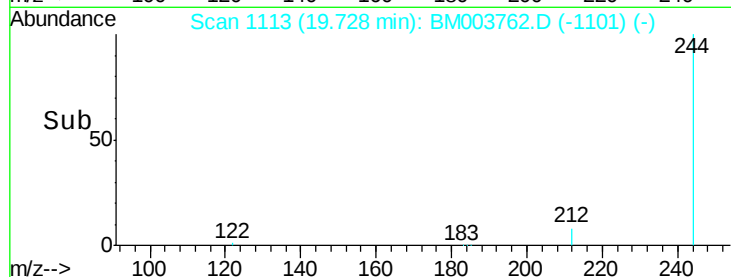
FB-01-121115



Tot Ion:	244	Resp:	127938
Ion Ratio	Lower	Upper	
244	100		
212	8.0	7.0	10.6
122	1.5	3.0	4.6#

Manual Integrations
APPROVED

Sohil
12/24/2015 5:29:06 PM



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

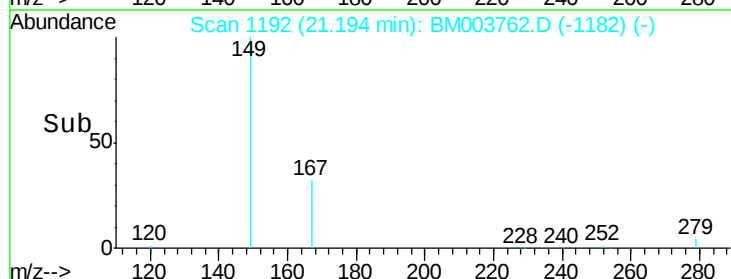
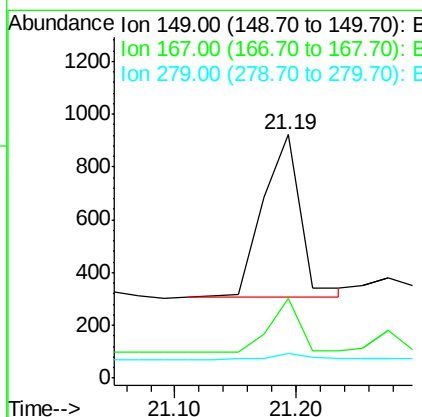
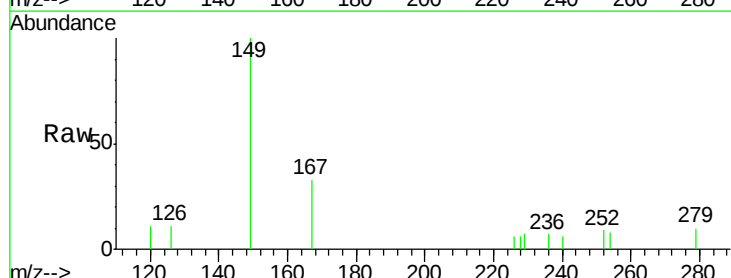
RT: 21.19 min Scan# 1192

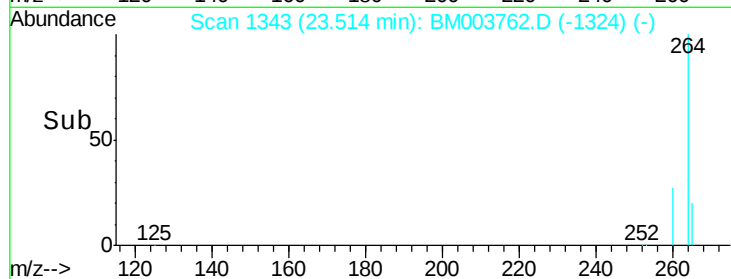
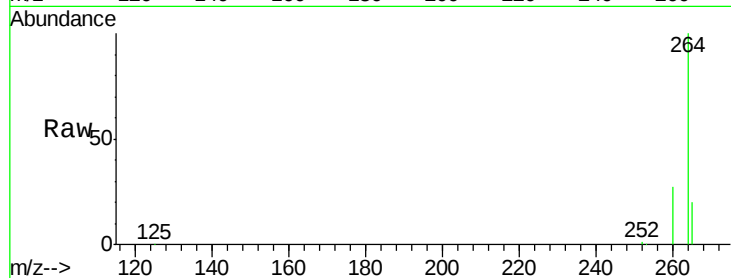
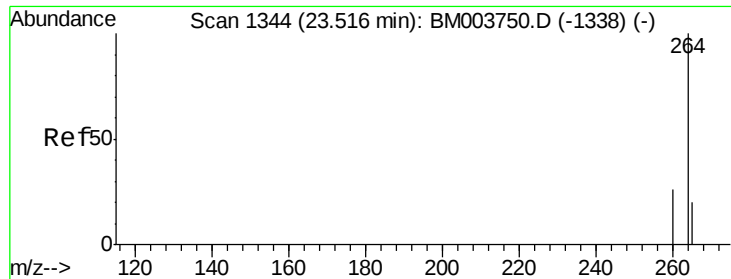
Delta R.T. 0.01 min

Lab File: BM003762.D

Acq: 24 Dec 2015 04:04

Tgt Ion:	149	Resp:	1329
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.1	30.1
279	7.2	0.0	0.0#





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM003762.D
 Acq: 24 Dec 2015 04:04

Instrument :
 BNA_M
 ClientSampleId :
 FB-01-121115

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	27.0	21.2	31.8
265	20.2	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:29:06 PM

