

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112715\
 Data File : BM003313.D
 Acq On : 27 Nov 2015 20:21
 Operator : UM/IZ
 Sample : PB86805BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

Manual Integrations
 APPROVED

Mmdadoda
 11/30/2015 5:45:49 PM

Quant Time: Nov 27 22:58:29 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	64273	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	266627	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	130830	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	252009	5.00	ng	0.00
26) Chrysene-d12	21.33	240	179310	5.00	ng	0.01
35) Perylene-d12	23.58	264	162101	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	80933	6.38	ng	0.00
5) Phenol-d6	6.90	99	103641	7.13	ng	0.00
8) Nitrobenzene-d5	8.89	82	41121	3.47	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	18846	6.26	ng	0.02
15) 2-Fluorobiphenyl	13.00	172	139516	3.30	ng	0.00
29) Terphenyl-d14	19.76	244	95130	3.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	17650	3.19	ng	99
3) n-Nitrosodimethylamine	3.54	42	18544	3.12	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	49261	3.31	ng	99
9) Nitrobenzene	8.93	77	43896	3.38	ng	98
10) Naphthalene	10.56	128	177472	3.08	ng	99
11) Hexachlorobutadiene	10.85	225	26055	2.97	ng	98
12) 2-Methylnaphthalene	12.19	142	119836	3.32	ng	# 88
16) Acenaphthylene	14.08	152	171098	3.57	ng	99
17) Acenaphthene	14.44	154	116444	3.15	ng	# 100
18) Fluorene	15.44	166	121209	3.25	ng	95
20) 4-Bromophenyl-phenylether	16.32	248	30133	3.24	ng	# 31
21) Hexachlorobenzene	16.45	284	29611	3.35	ng	# 51
22) Pentachlorophenol	16.78	266	27773	6.45	ng	# 84
23) Phenanthrene	17.17	178	190728	3.34	ng	96
24) Anthracene	17.24	178	175771	3.74	ng	96
25) Fluoranthene	19.19	202	194316	3.54	ng	99
27) Benzidine	19.38	184	103916	7.66	ng	96
28) Pyrene	19.55	202	214902	3.92	ng	100
30) Benzo(a)anthracene	21.31	228	161868	3.56	ng	98
31) 3,3'-Dichlorobenzidine	21.25	252	43240	3.69	ng	# 97
32) Chrysene	21.35	228	187268m	3.69	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	66337	3.69	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.85	276	153763	3.70	ng	# 80
36) Benzo(b)fluoranthene	22.89	252	156538	3.36	ng	96
37) Benzo(k)fluoranthene	22.95	252	161888	3.86	ng	98
38) Benzo(a)pyrene	23.48	252	138715	3.73	ng	97
39) Dibenzo(a,h)anthracene	25.86	278	123162	3.83	ng	95
40) Benzo(g,h,i)perylene	26.55	276	136501	3.54	ng	95

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

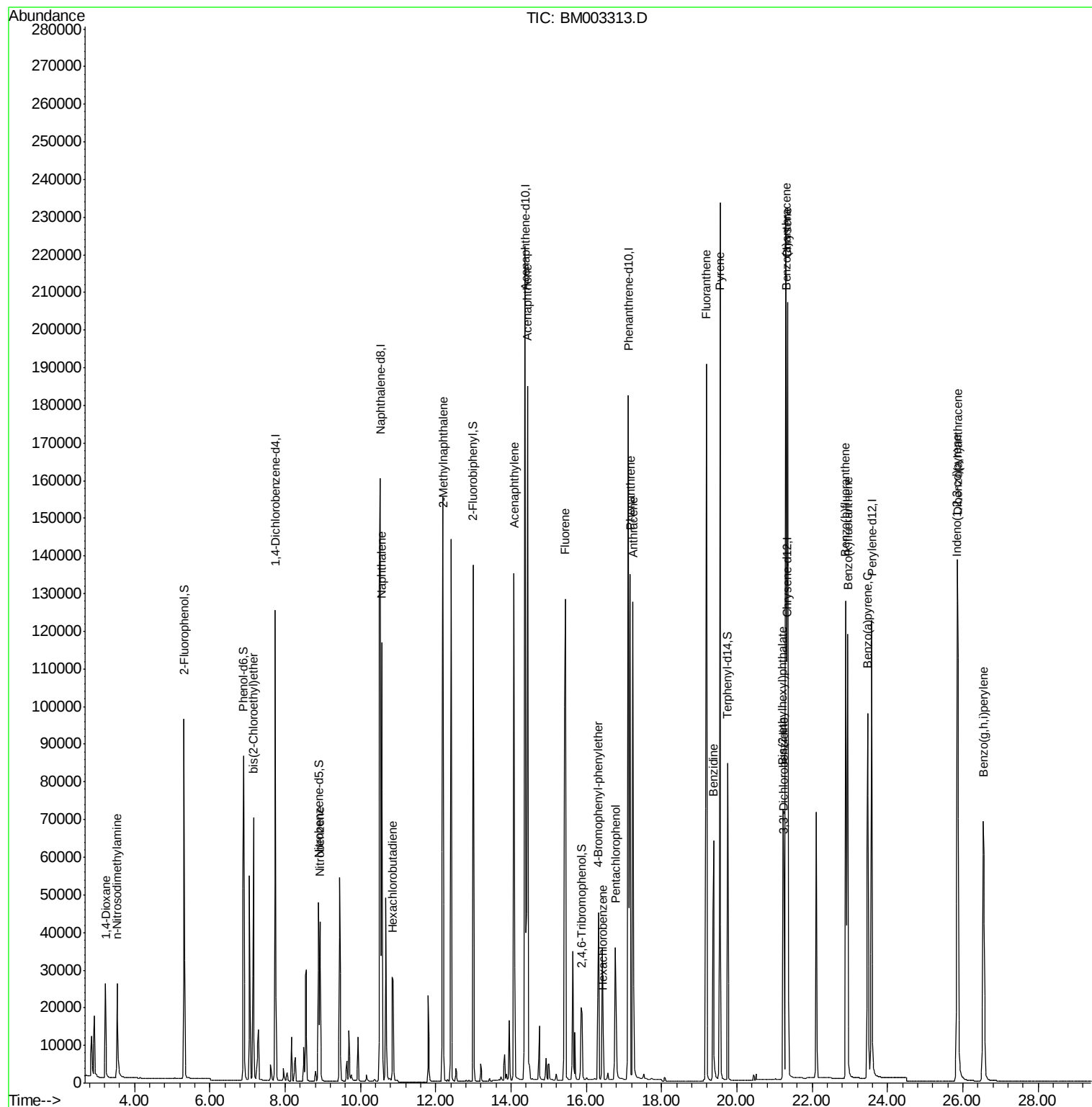
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112715\
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Acq On : 27 Nov 2015 20:21
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ALS Vial : 12 Sample Multiplier: 1

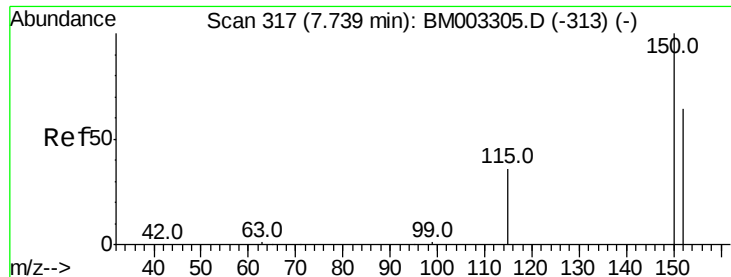
Instrument :
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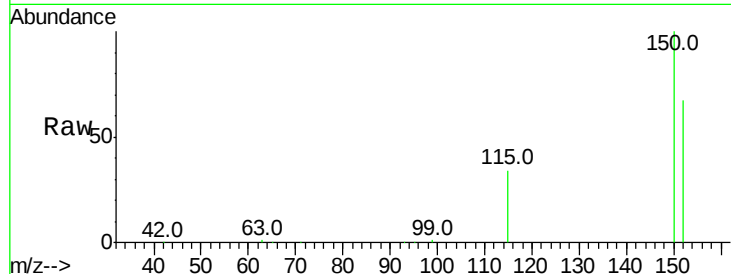




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. 0.00 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

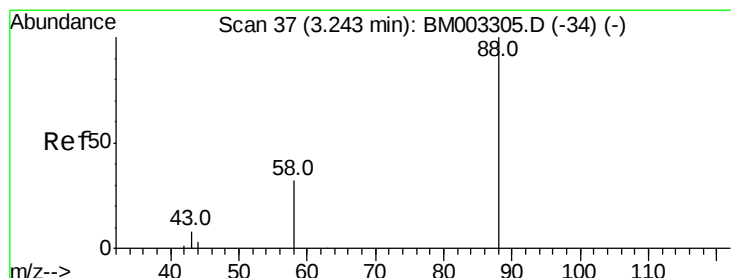
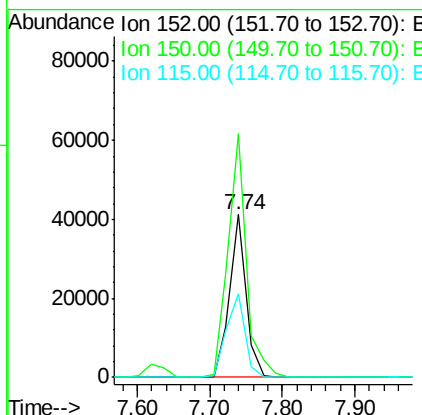
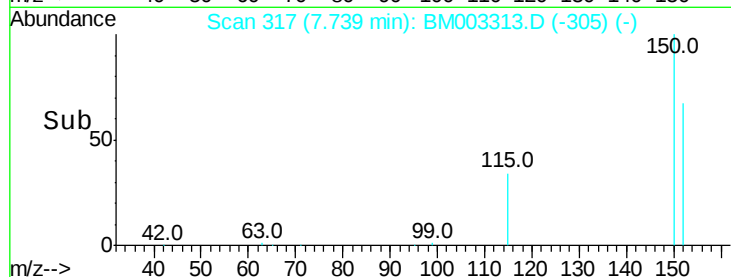
Instrument :
BNA_M
ClientSampleId :
PB86805BS



Tot Ion:152 Resp: 64273
Ion Ratio Lower Upper
152 100
150 149.9 143.6 215.4
115 51.5 58.5 87.7#

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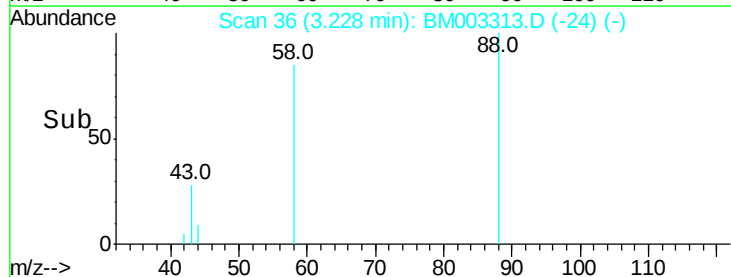
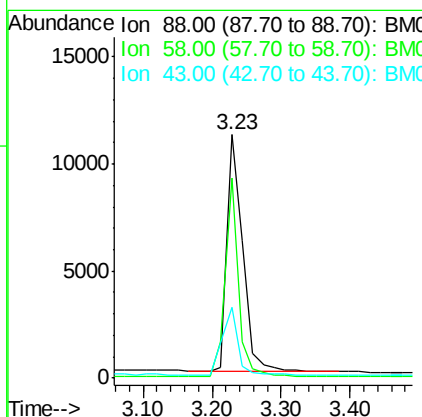
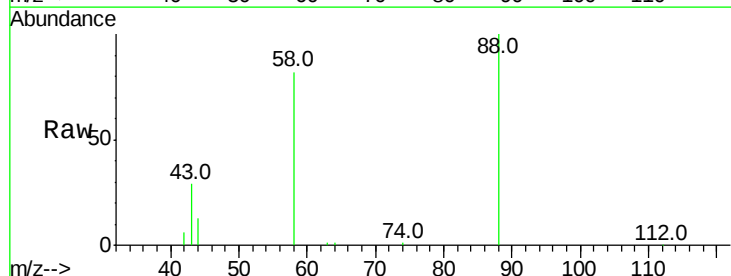
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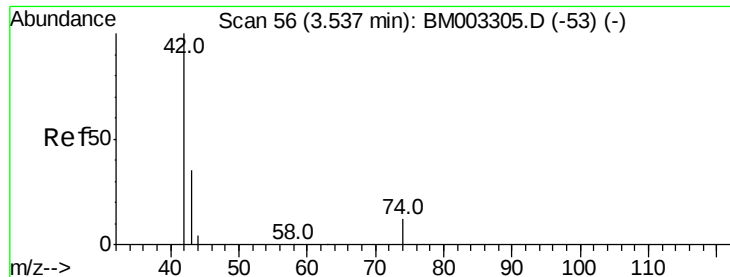


#2

1,4-Dioxane
Concen: 3.19 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion: 88 Resp: 17650
Ion Ratio Lower Upper
88 100
58 69.8 55.2 82.8
43 28.0 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 3.12 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

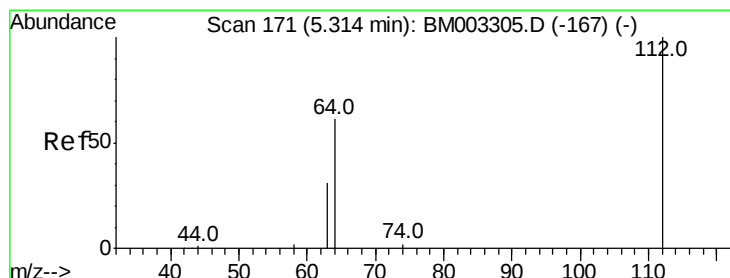
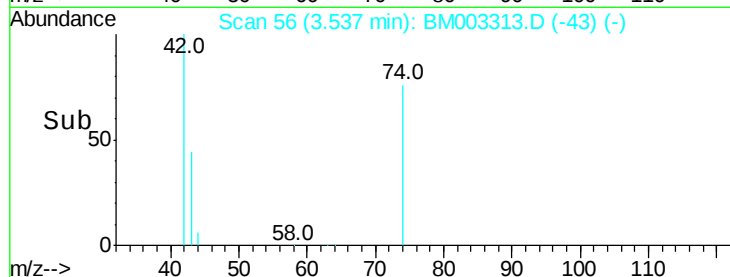
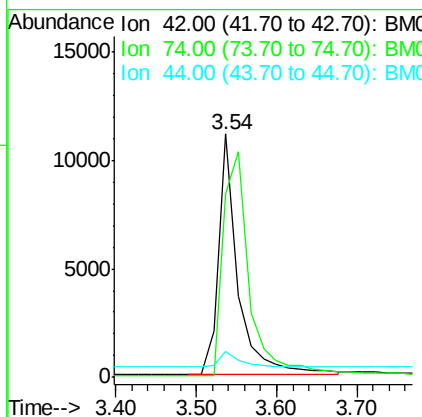
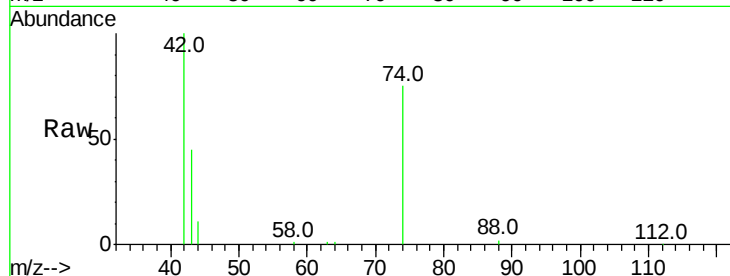
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Tot Ion:	42	Resp:	18544
Ion	Ratio	Lower	Upper
42	100		
74	125.5	101.0	151.4
44	7.0	6.3	9.5



#4

2-Fluorophenol

Concen: 6.38 ng

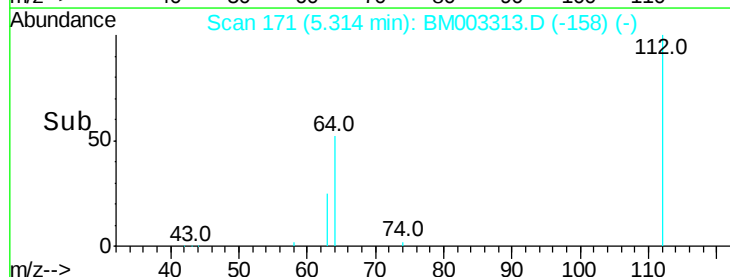
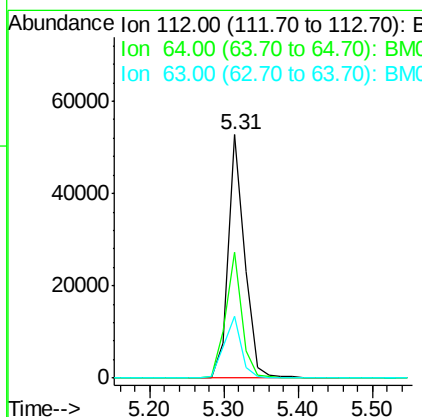
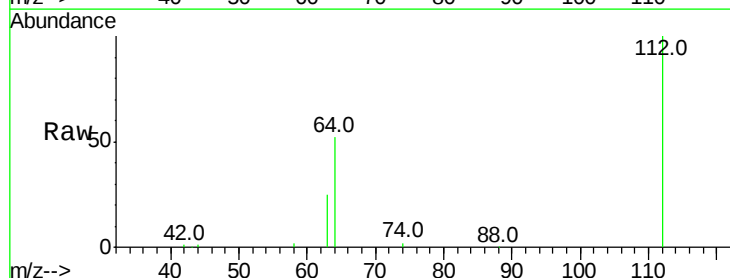
RT: 5.31 min Scan# 171

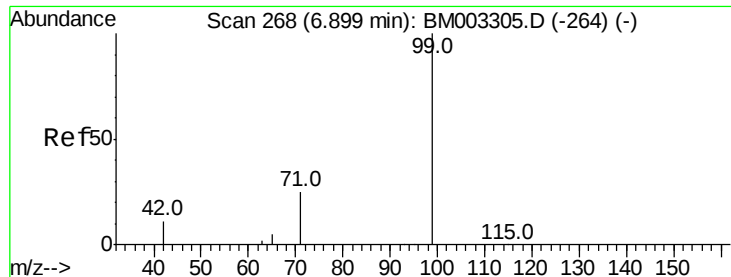
Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	112	Resp:	80933
Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.5	21.2	31.8





#5

Phenol-d6

Concen: 7.13 ng

RT: 6.90 min Scan# 268

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

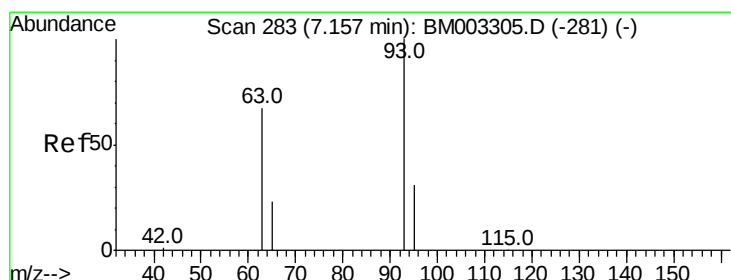
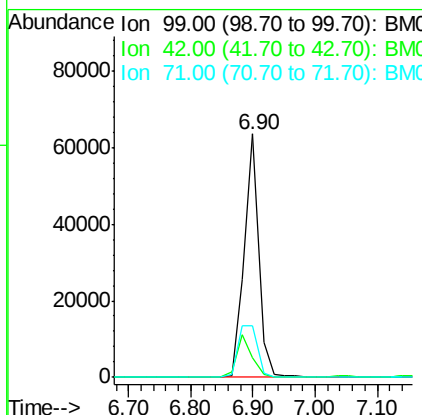
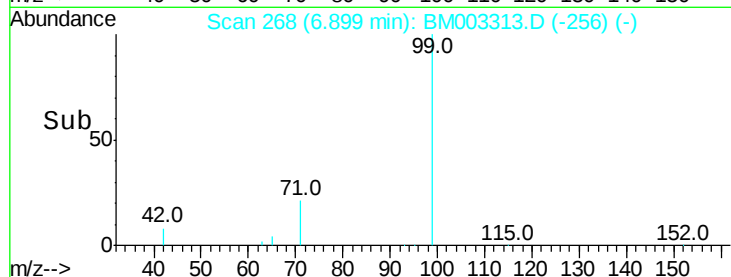
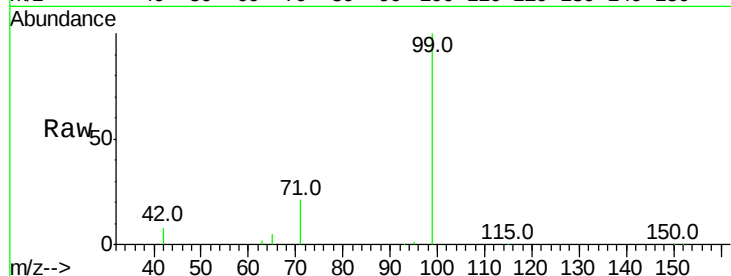
ClientSampleId :

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Tot Ion:	99	Resp:	103641
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.6	22.0
71	28.9	23.3	34.9



#6

bis(2-Chloroethyl)ether

Concen: 3.31 ng

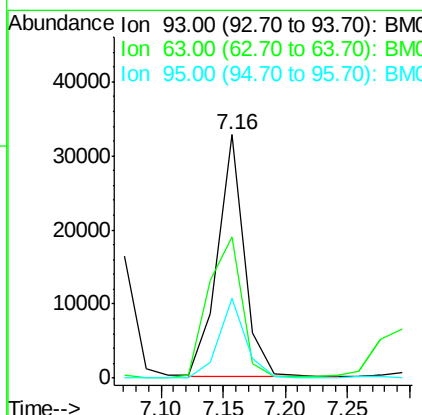
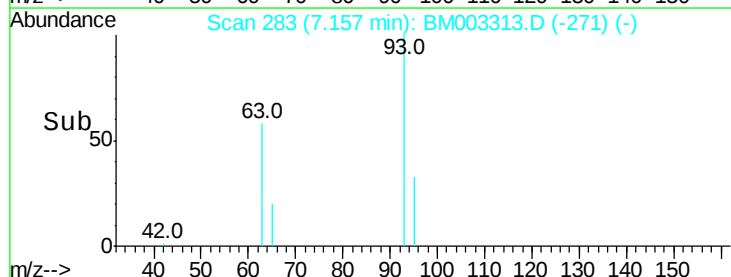
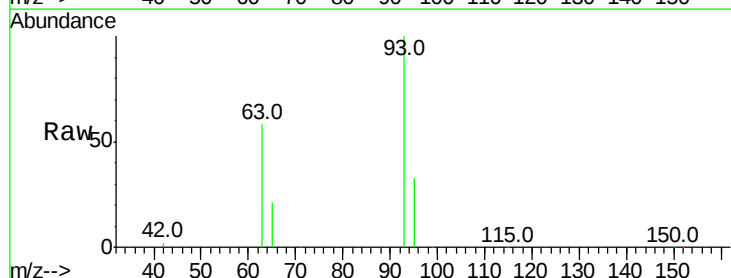
RT: 7.16 min Scan# 283

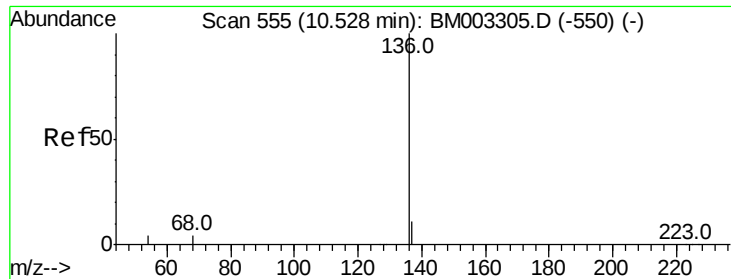
Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	93	Resp:	49261
Ion Ratio	Lower	Upper	
93	100		
63	72.3	58.2	87.4
95	32.6	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM003313.D

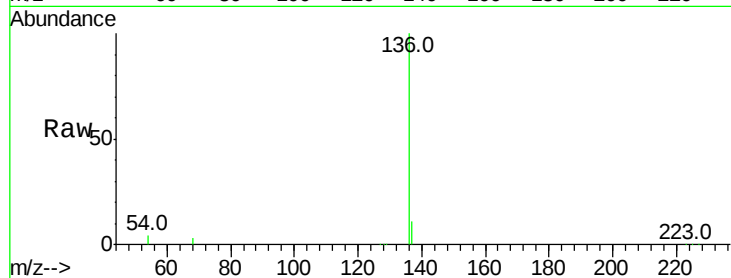
Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS



Tot Ion: 136 Resp: 266627

Ion Ratio Lower Upper

136 100

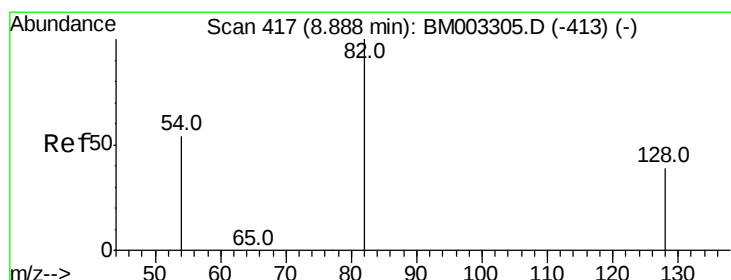
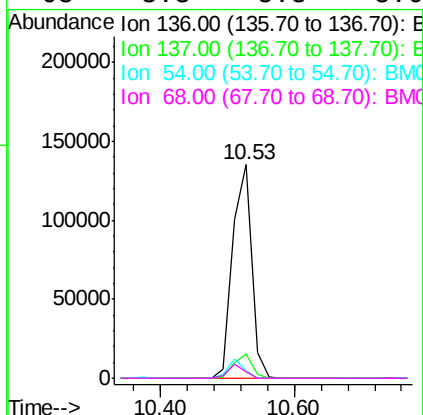
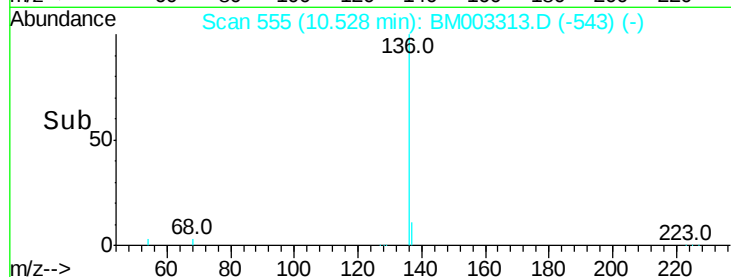
137 11.5 8.0 12.0

54 3.5 7.4 11.0#

68 3.3 5.8 8.6#

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#8

Nitrobenzene-d5

Concen: 3.47 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

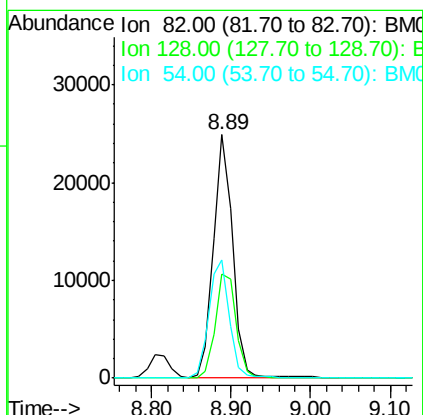
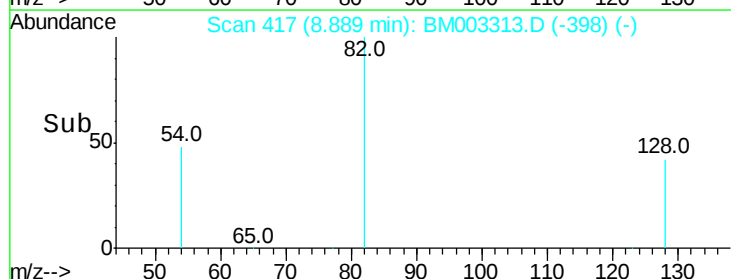
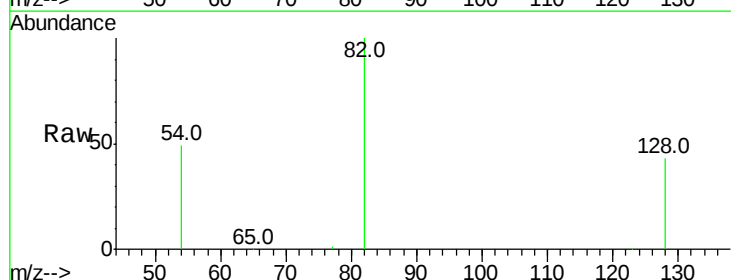
Tgt Ion: 82 Resp: 41121

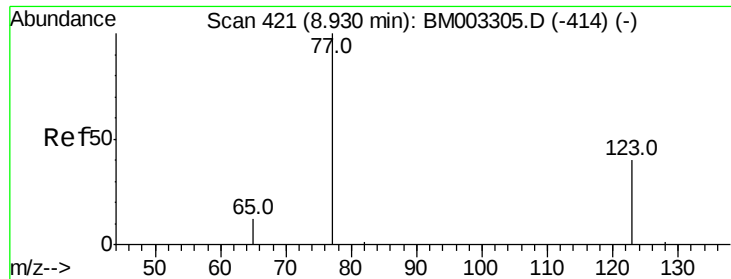
Ion Ratio Lower Upper

82 100

128 42.5 35.2 52.8

54 48.6 36.4 54.6





#9

Nitrobenzene

Concen: 3.38 ng

RT: 8.93 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

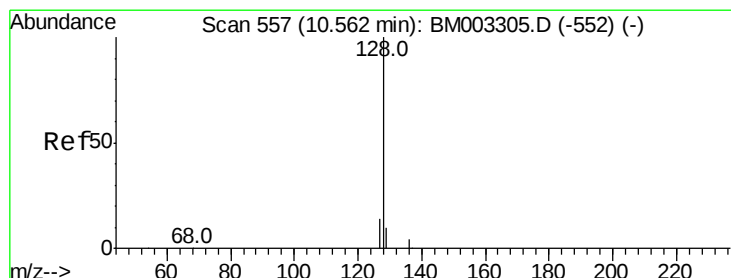
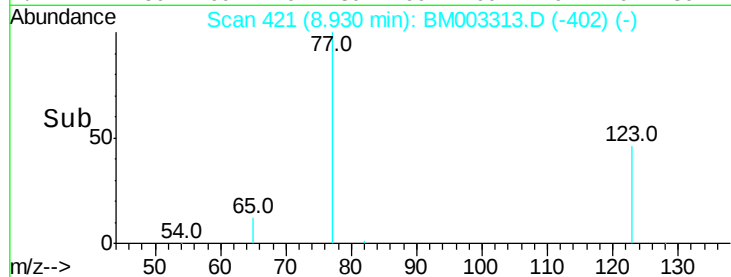
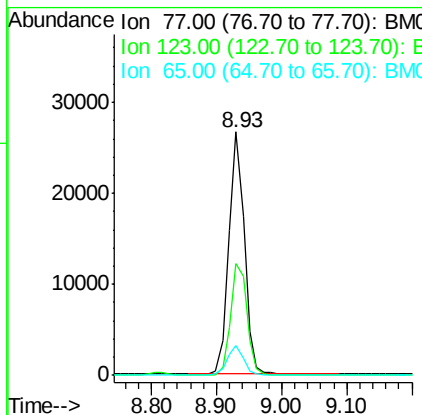
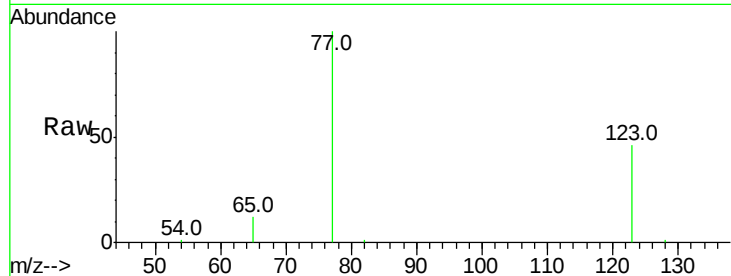
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Tot Ion	77	Resp	43896
Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.7	56.5
65	12.3	9.8	14.6



#10

Naphthalene

Concen: 3.08 ng

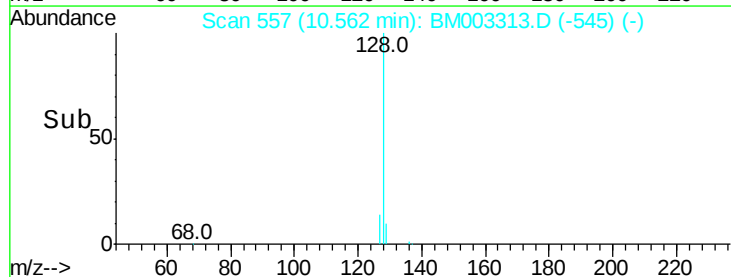
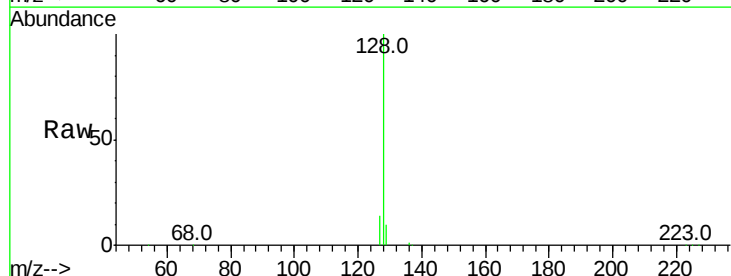
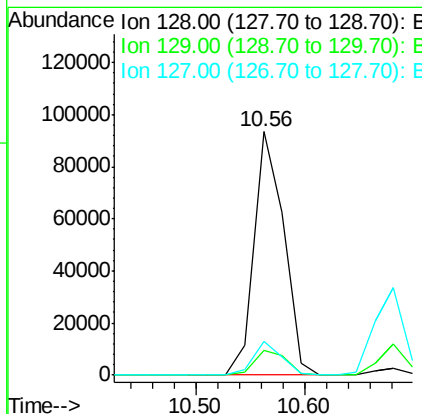
RT: 10.56 min Scan# 557

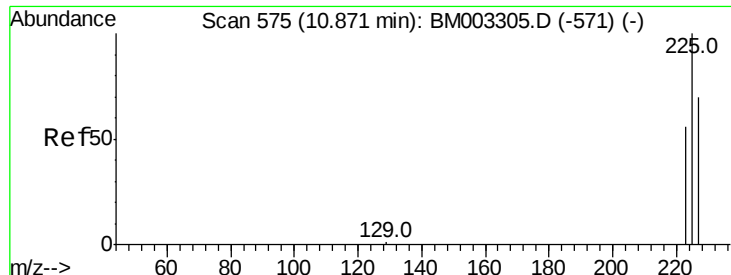
Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion	128	Resp	177472
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	13.7	10.6	16.0





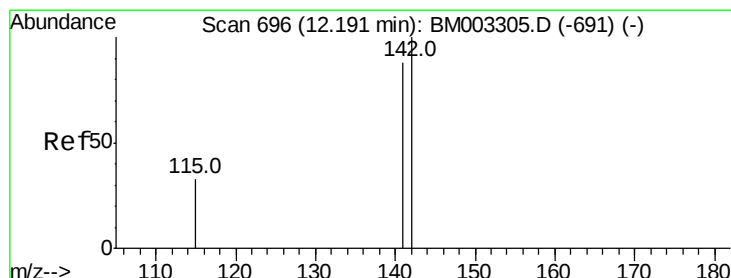
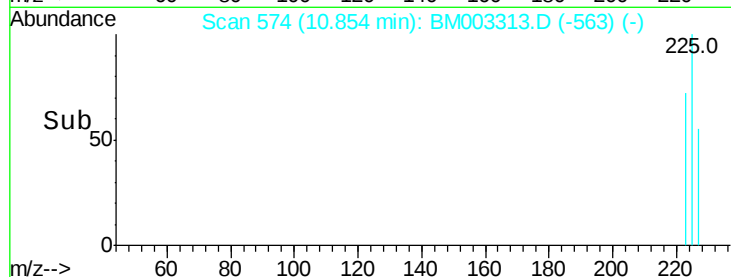
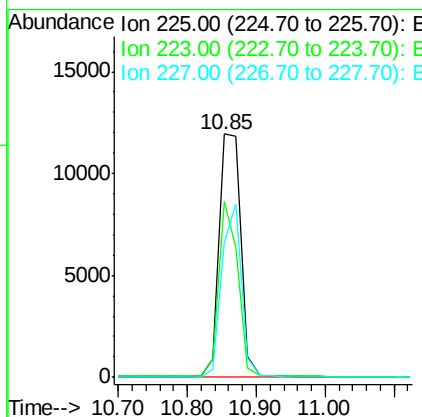
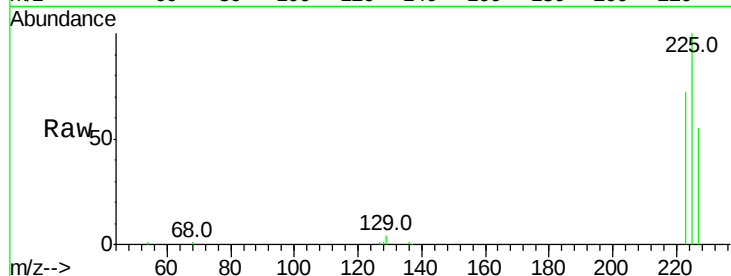
#11
Hexachlorobutadiene
Concen: 2.97 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Instrument :
BNA_M
ClientSampleId :
PB86805BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.2	53.0	79.4
227	64.5	52.2	78.4

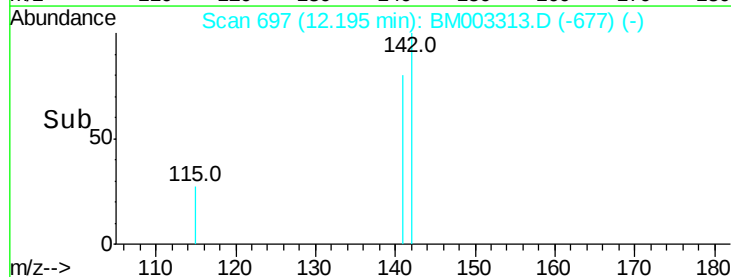
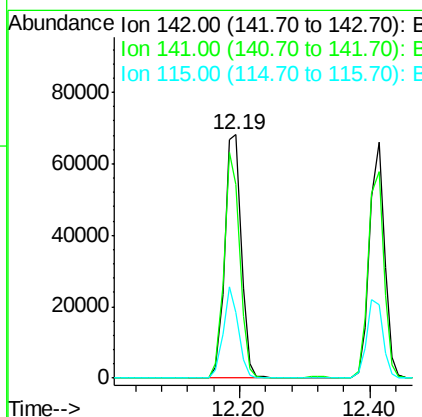
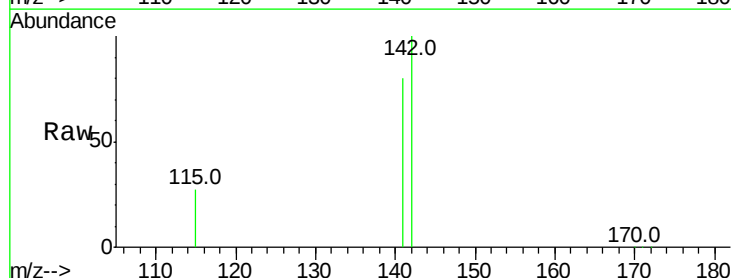
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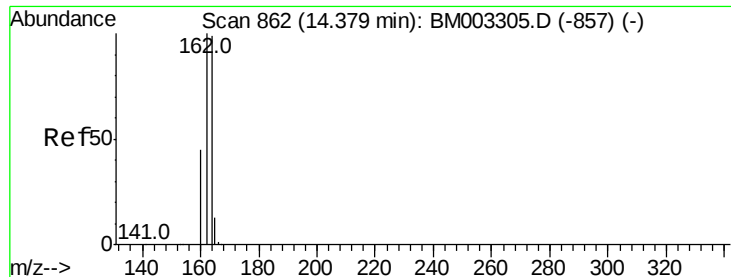
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#12
2-Methylnaphthalene
Concen: 3.32 ng
RT: 12.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	79.7	72.2	108.2
115	27.1	28.0	42.0#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003313.D

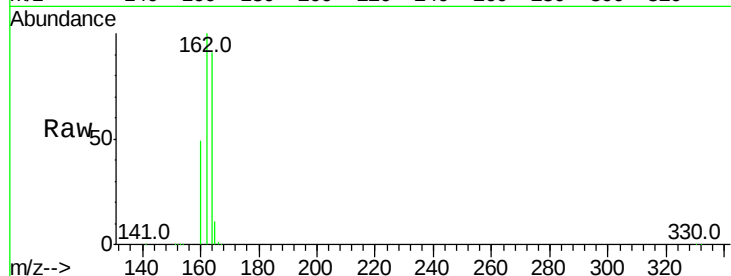
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Instrument :

BNA_M

ClientSampleId :

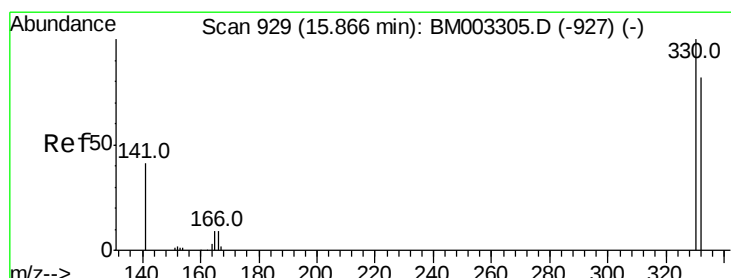
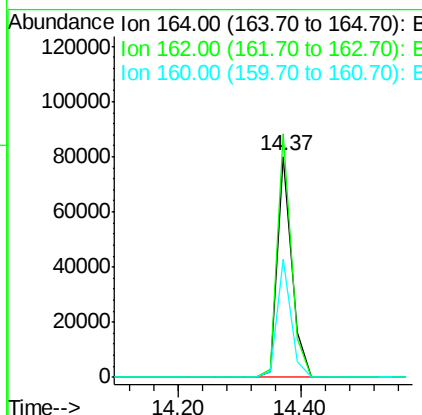
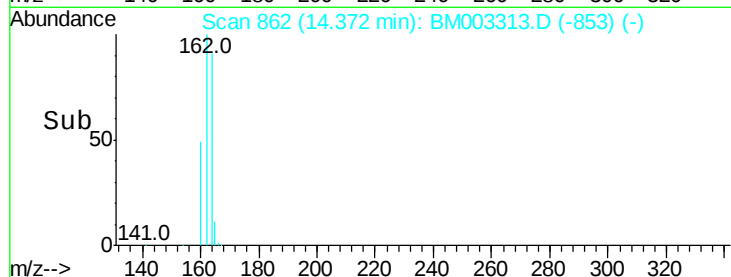
PB86805BS



Tot Ion:	164	Resp:	130830
Ion Ratio	Lower	Upper	
164	100		
162	110.4	78.3	117.5
160	53.7	33.8	50.6

Manual Integrations
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#14

2,4,6-Tribromophenol

Concen: 6.26 ng

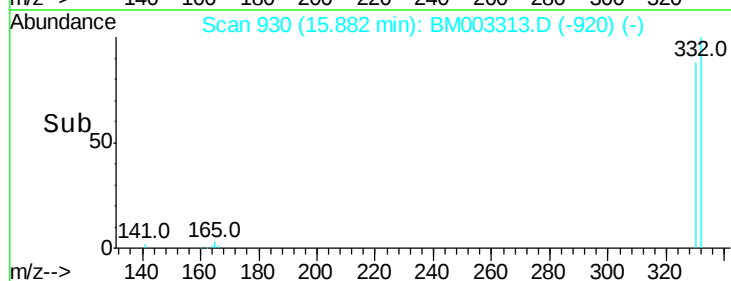
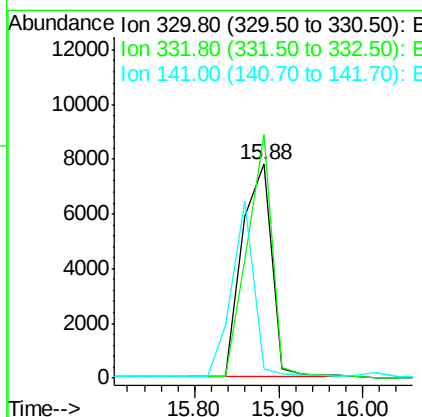
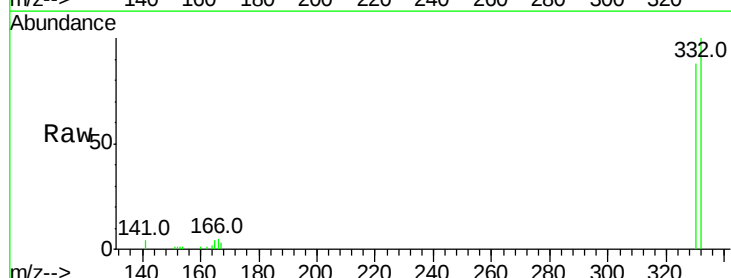
RT: 15.88 min Scan# 930

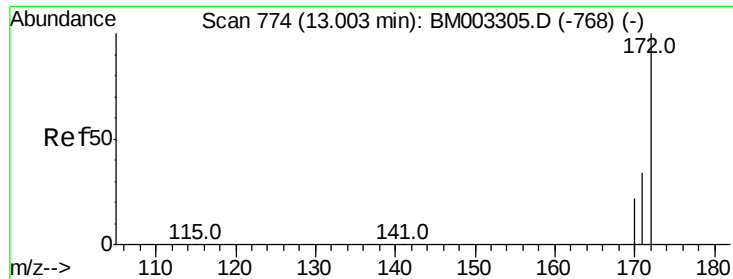
Delta R.T. 0.02 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	330	Resp:	18846
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.0	114.0
141	0.0	0.0	0.0





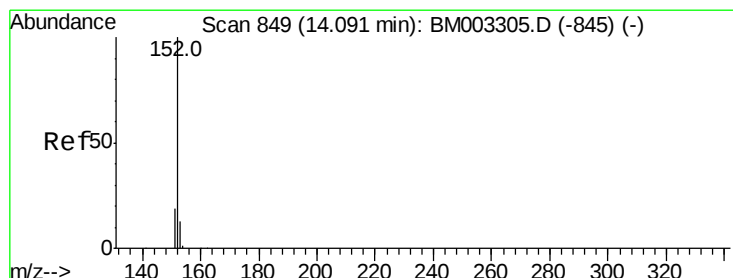
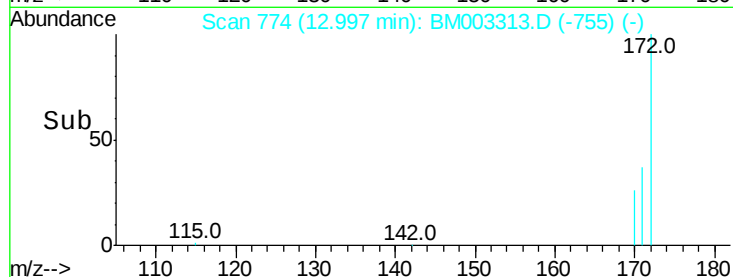
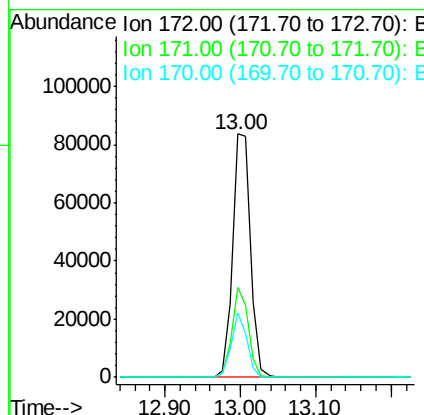
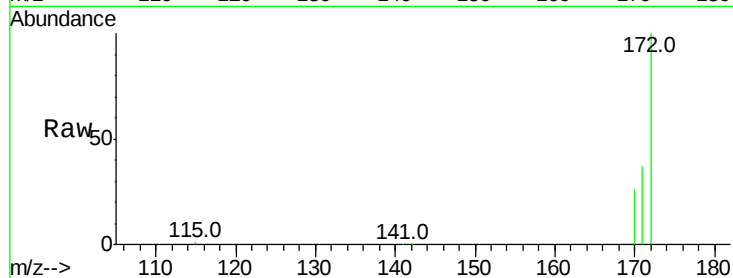
#15
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Instrument :
BNA_M
ClientSampleId :
PB86805BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	139516		
171	37.0	28.0	42.0	
170	26.4	18.9	28.3	

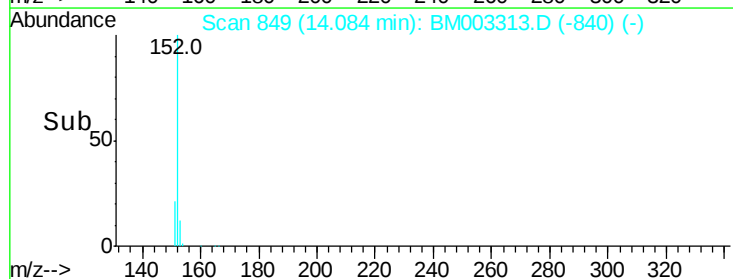
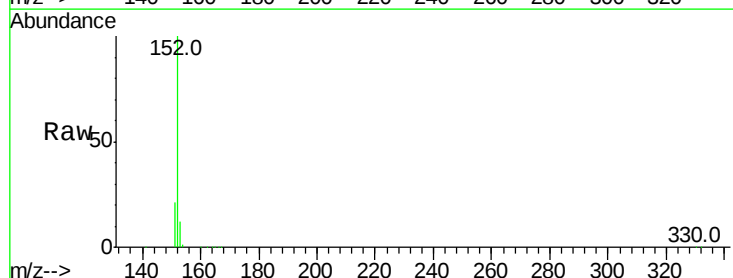
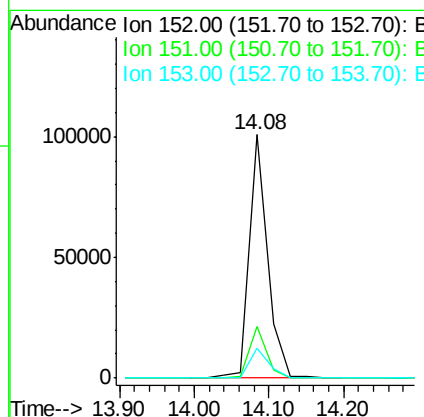
Manual Integrations
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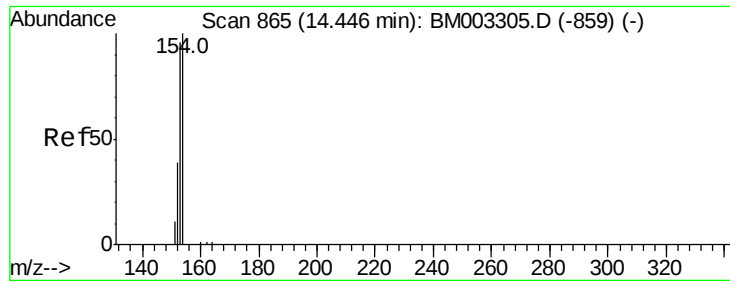
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#16
Acenaphthylene
Concen: 3.57 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

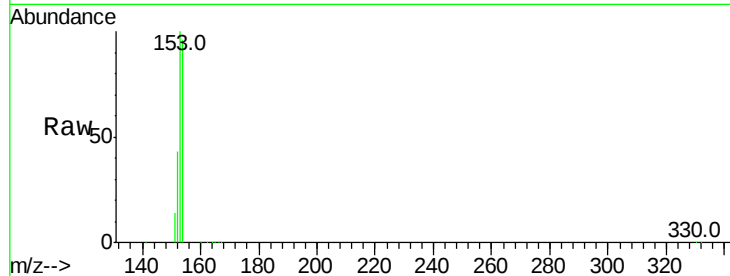
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	171098		
151	19.7	15.2	22.8	
153	12.7	10.4	15.6	





#17
Acenaphthene
Concen: 3.15 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

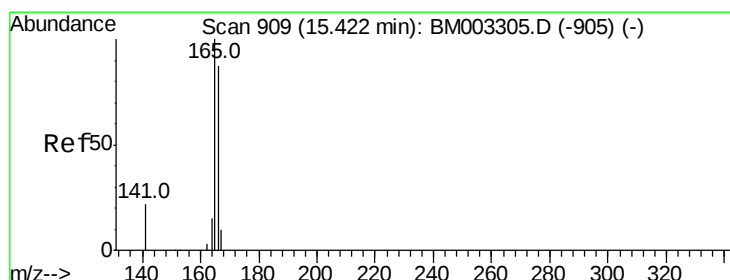
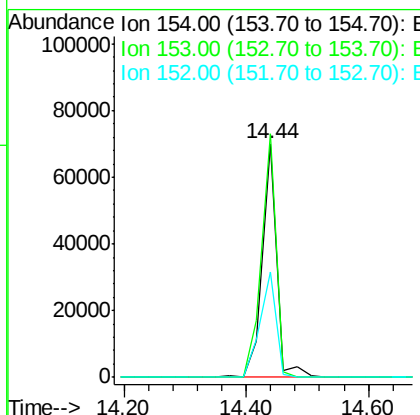
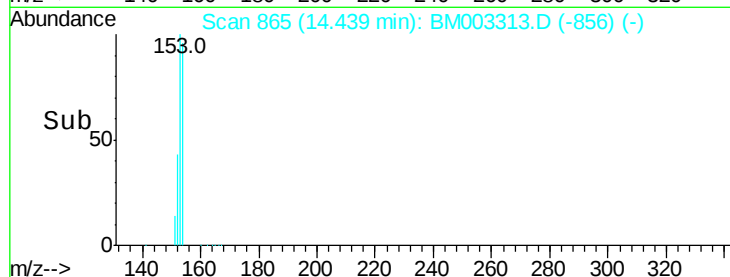
Instrument :
BNA_M
ClientSampleId :
PB86805BS



Tot Ion:154 Resp: 116444
Ion Ratio Lower Upper
154 100
153 104.5 0.0 0.0#
152 49.2 0.0 0.0#

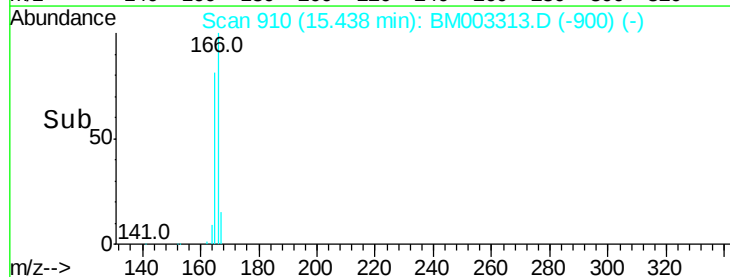
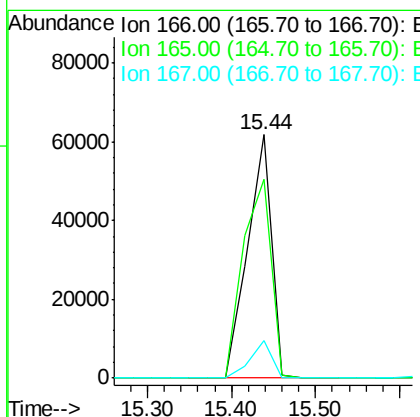
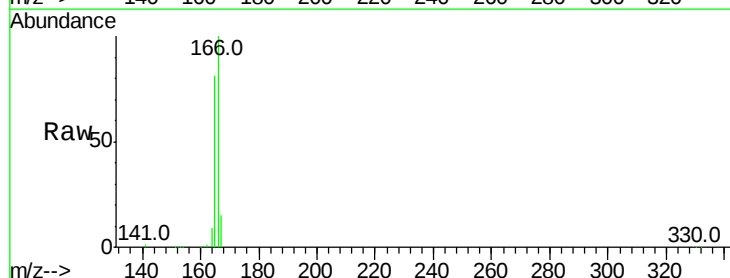
Manual Integrations
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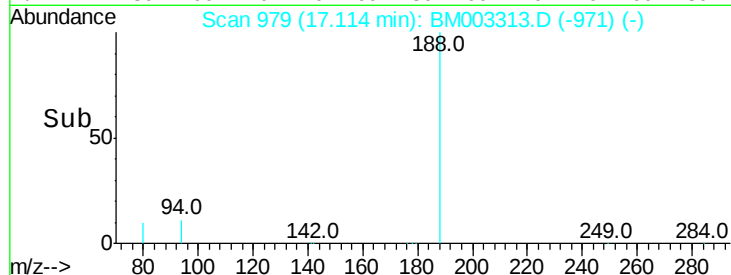
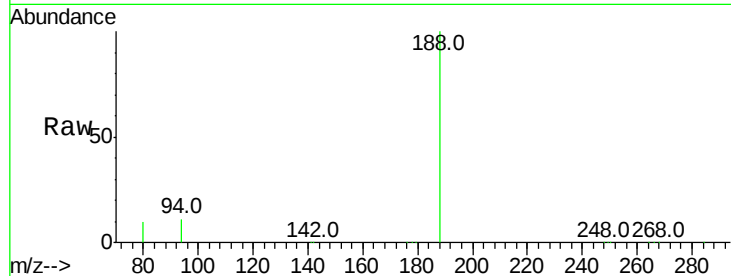
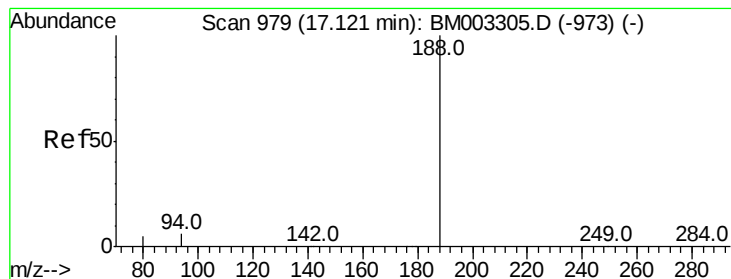
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#18
Fluorene
Concen: 3.25 ng
RT: 15.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion:166 Resp: 121209
Ion Ratio Lower Upper
166 100
165 95.8 80.8 121.2
167 13.7 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tot Ion:	188	Resp:	252009
Ion Ratio	Lower	Upper	
188	100		
94	10.8	1.8	2.6#
80	10.2	1.4	2.0#

Instrument :

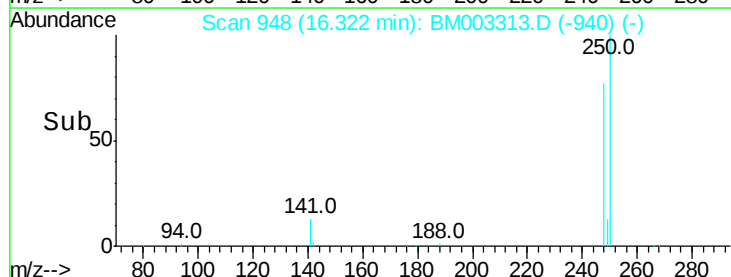
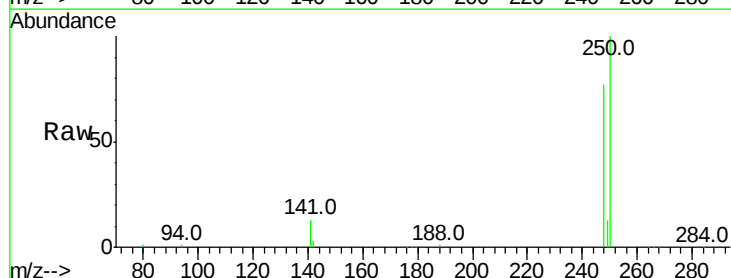
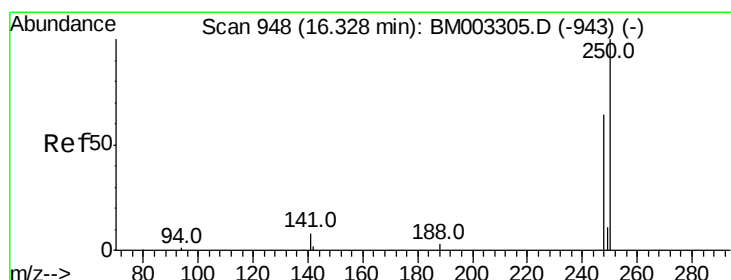
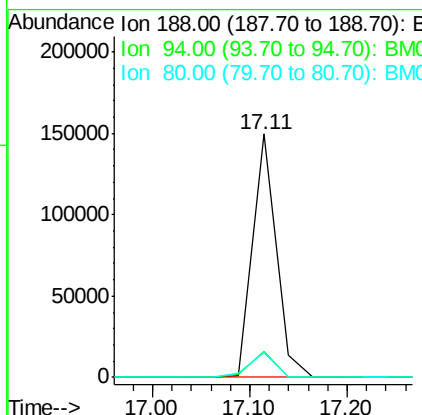
BNA_M

ClientSampleId :

PB86805BS

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 3.24 ng

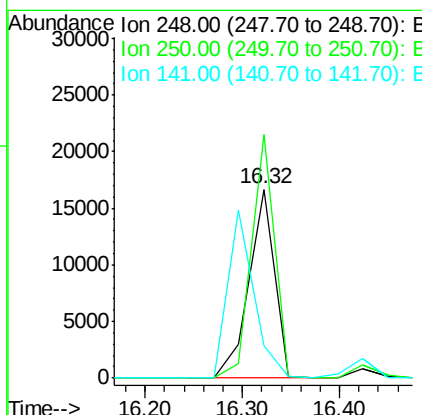
RT: 16.32 min Scan# 948

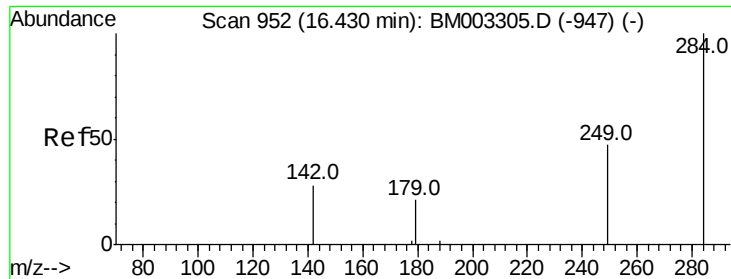
Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	248	Resp:	30133
Ion Ratio	Lower	Upper	
248	100		
250	116.2	65.4	98.0#
141	0.0	72.8	109.2#





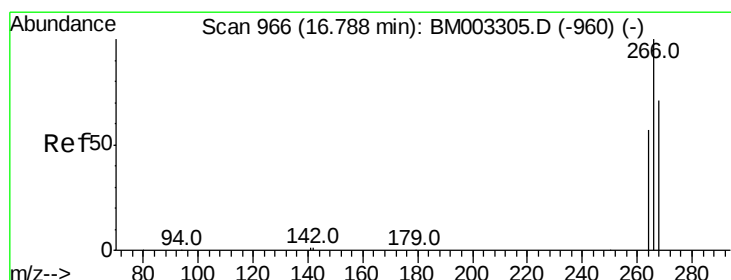
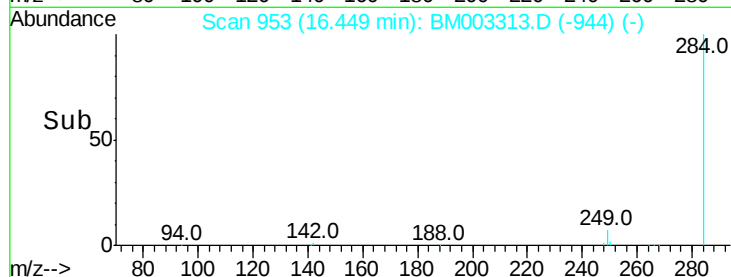
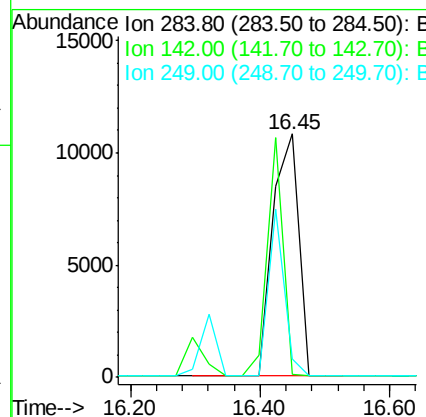
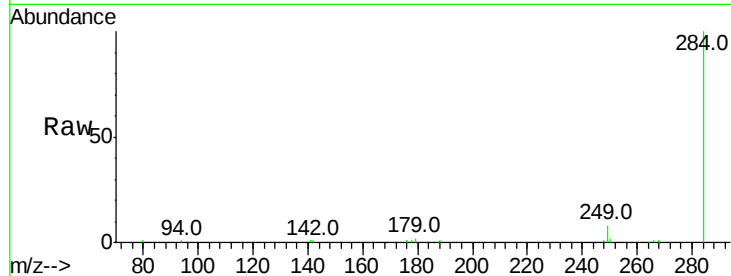
#21
Hexachlorobenzene
Concen: 3.35 ng
RT: 16.45 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Instrument :
BNA_M
ClientSampleId :
PB86805BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	19.4	29.2#

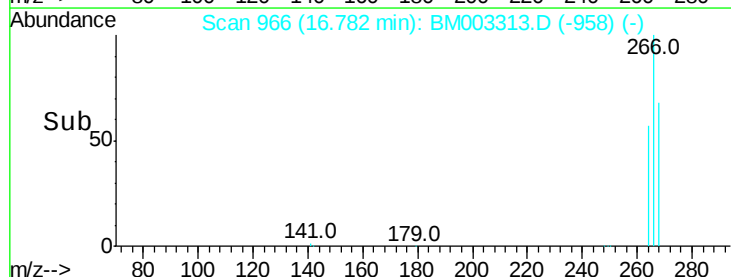
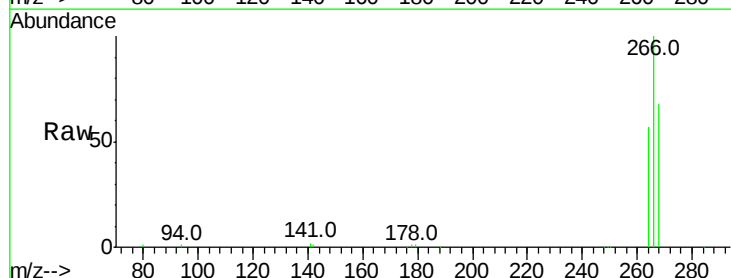
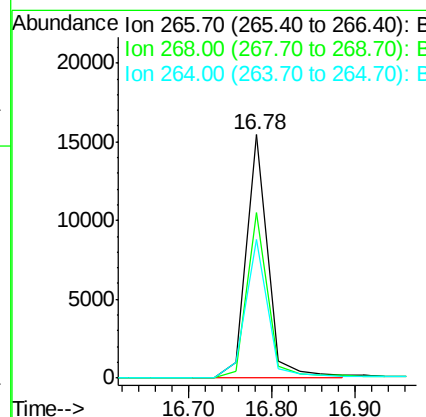
Manual Integrations
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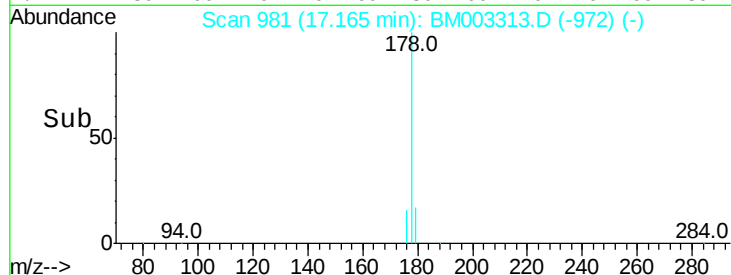
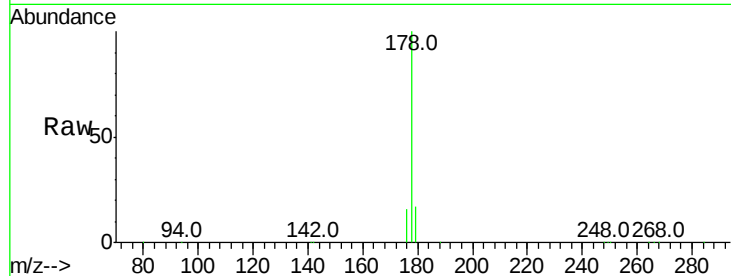
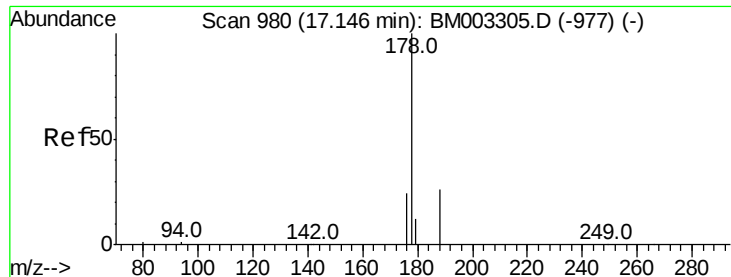
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#22
Pentachlorophenol
Concen: 6.45 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	45.8	68.8
264	56.7	56.7	85.1#





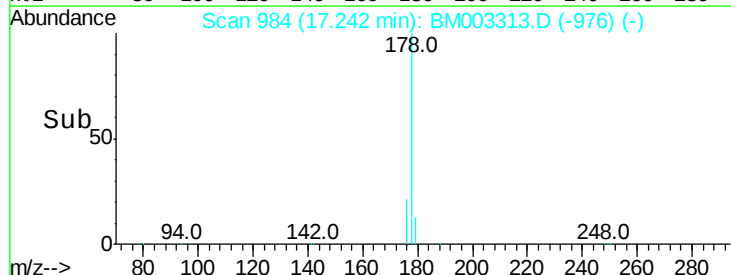
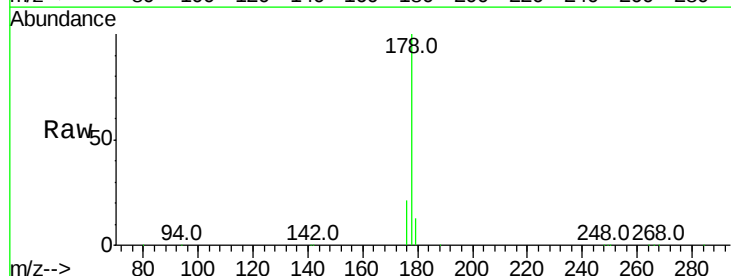
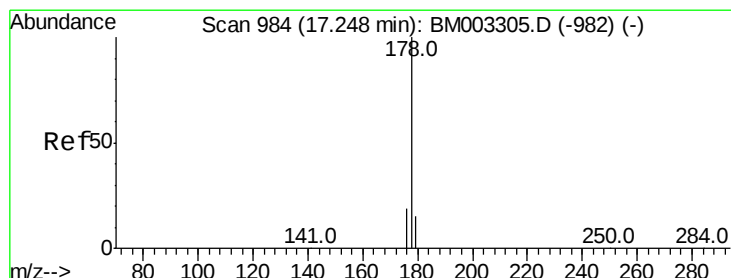
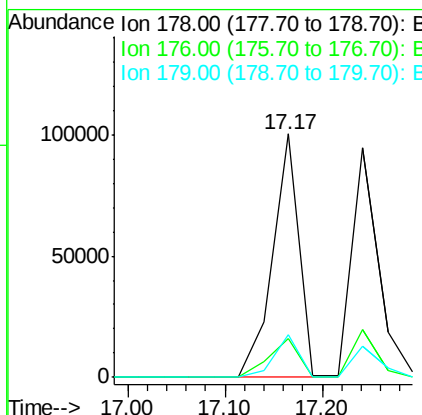
#23
Phenanthrene
Concen: 3.34 ng
RT: 17.17 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.2	11.7	17.5

Instrument :
BNA_M
ClientSampleId :
PB86805BS

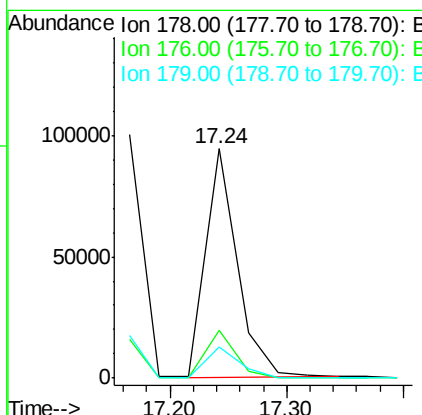
Manual Integrations
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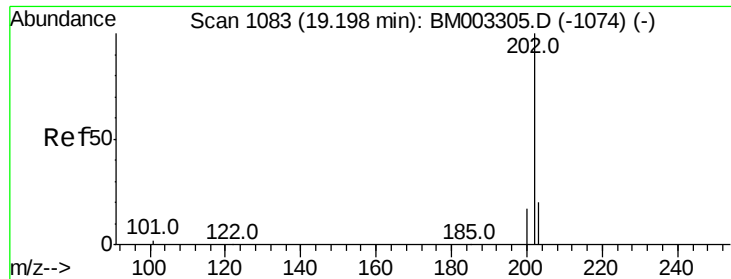
Mmdadoda
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#24
Anthracene
Concen: 3.74 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	14.4	12.8	19.2





#25

Fluoranthene

Concen: 3.54 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

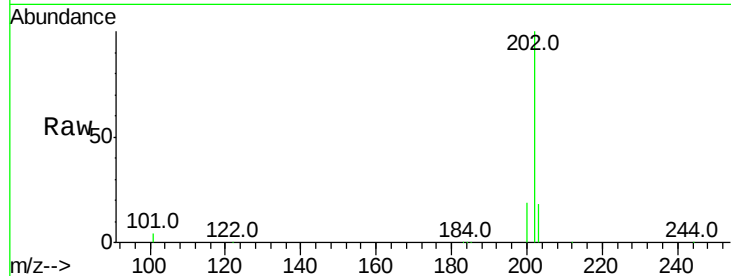
ClientSampleId :

PB86805BS

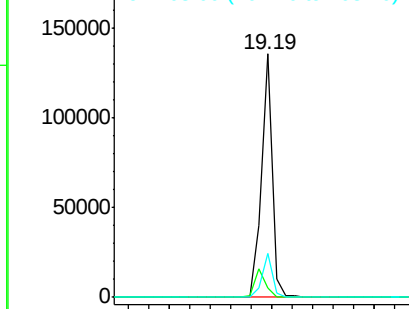
Tot Ion:	202	Resp:	194316
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.9	14.9
203	17.3	13.9	20.9

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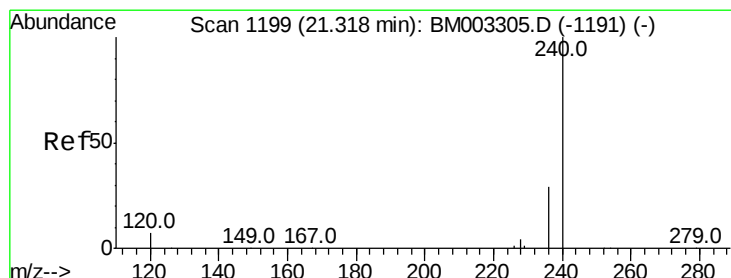
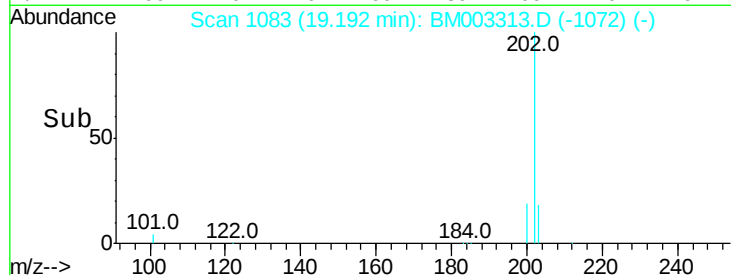
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

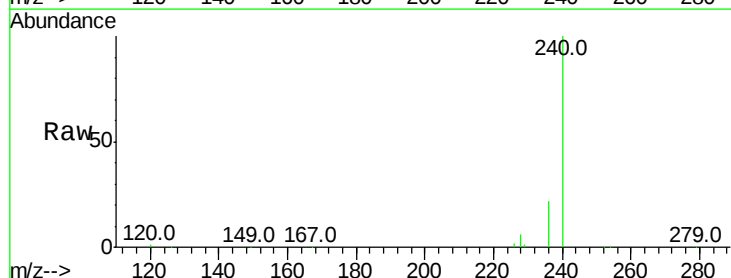
RT: 21.33 min Scan# 1200

Delta R.T. 0.01 min

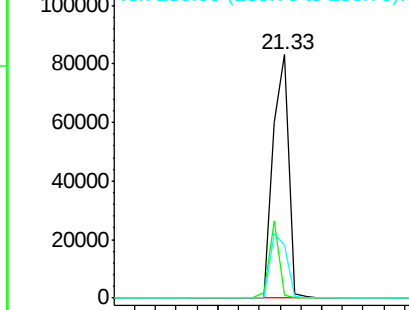
Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

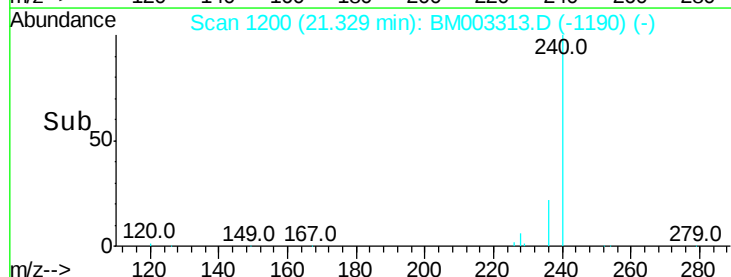
Tgt Ion:	240	Resp:	179310
Ion Ratio	Lower	Upper	
240	100		
120	1.1	1.0	1.4
236	21.9	17.9	26.9

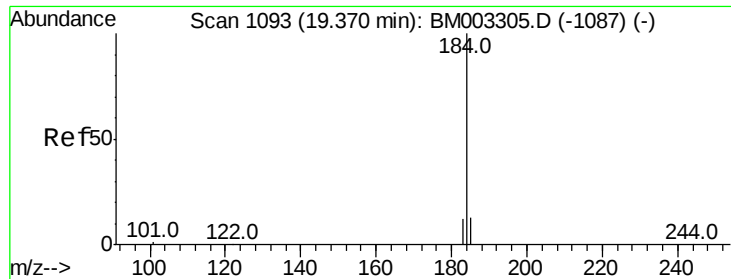


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#27

Benzidine

Concen: 7.66 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

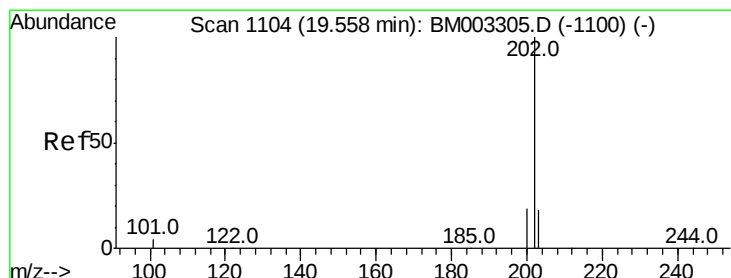
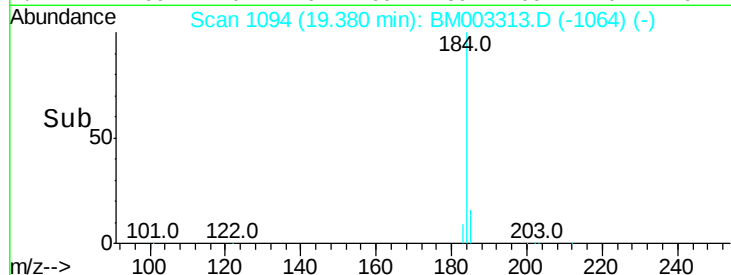
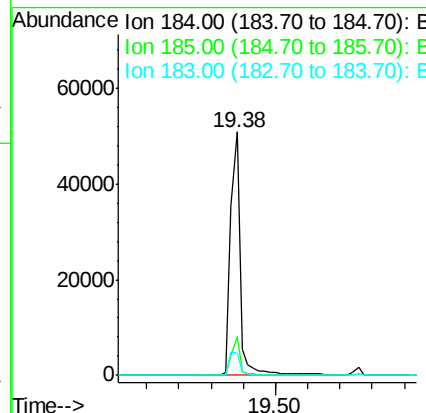
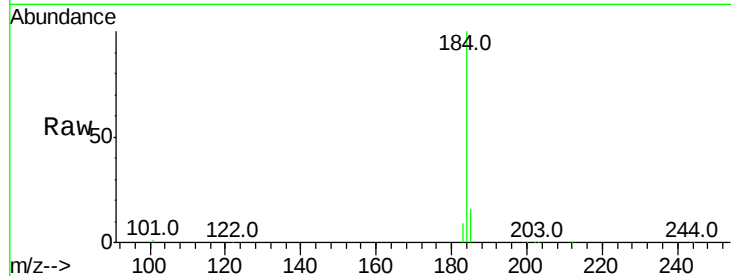
ClientSampleId :

PB86805BS

Tot Ion:184	Resp: 103916
Ion Ratio	Lower Upper
184 100	
185 16.0	11.6 17.4
183 9.1	8.6 13.0

Manual Integrations
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#28

Pyrene

Concen: 3.92 ng

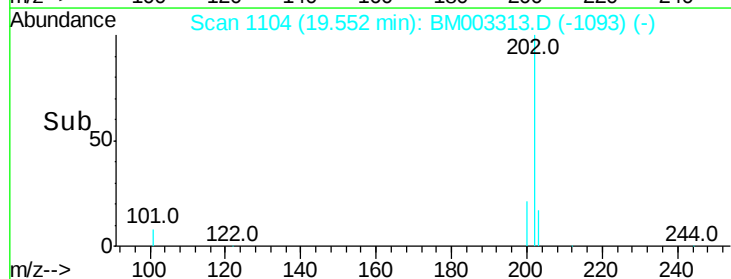
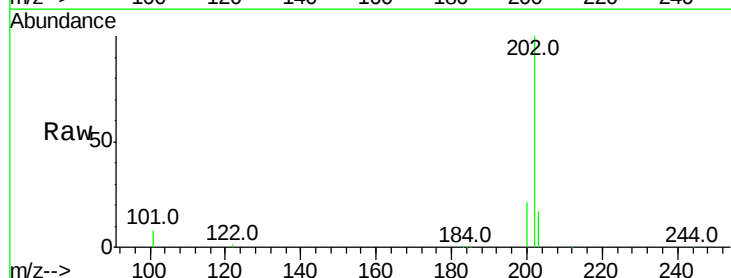
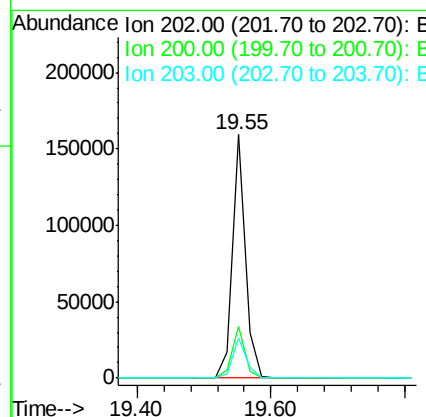
RT: 19.55 min Scan# 1104

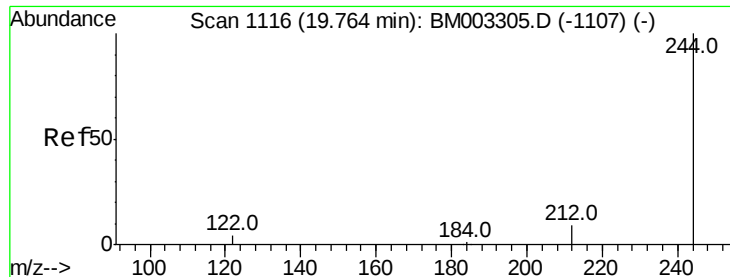
Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:202	Resp: 214902
Ion Ratio	Lower Upper
202 100	
200 21.0	16.7 25.1
203 17.6	13.8 20.6





#29

Terphenyl-d14

Concen: 3.81 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

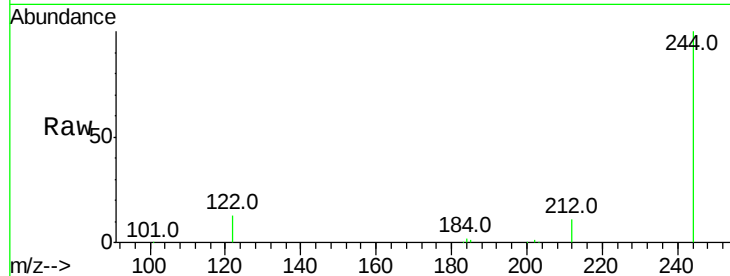
ClientSampleId :

PB86805BS

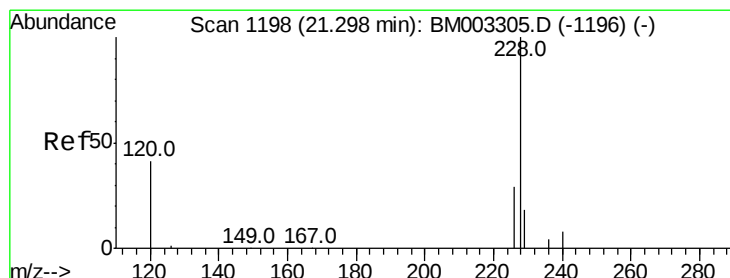
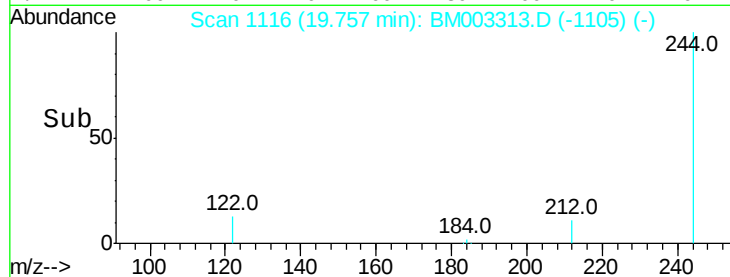
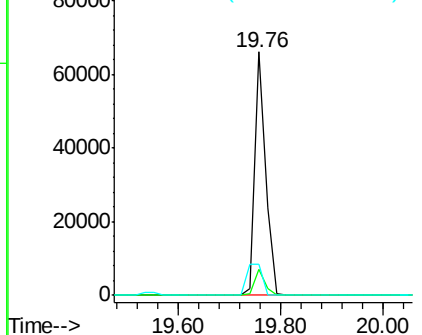
Tot Ion:	244	Resp:	95130
Ion Ratio	Lower	Upper	
244	100		
212	10.7	6.5	9.7#
122	12.8	2.0	3.0#

Manual Integrations
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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



#30

Benzo(a)anthracene

Concen: 3.56 ng

RT: 21.31 min Scan# 1199

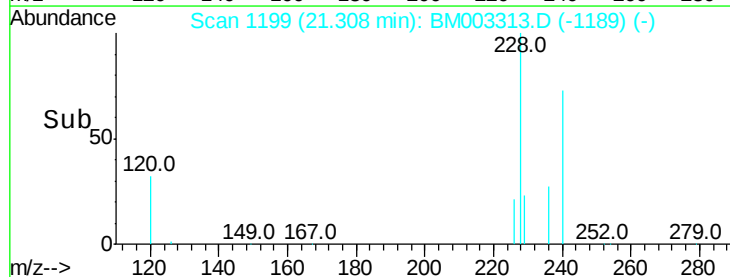
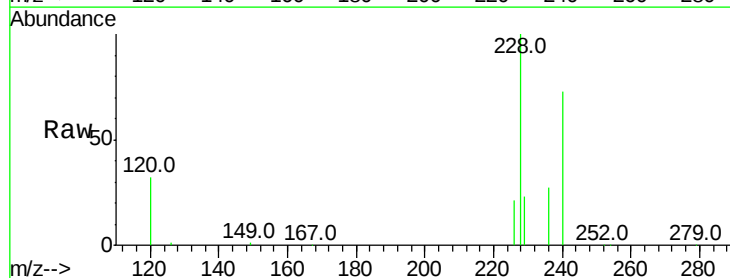
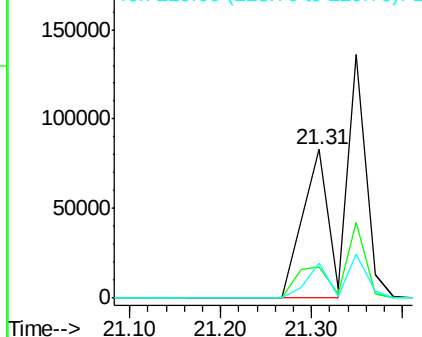
Delta R.T. 0.01 min

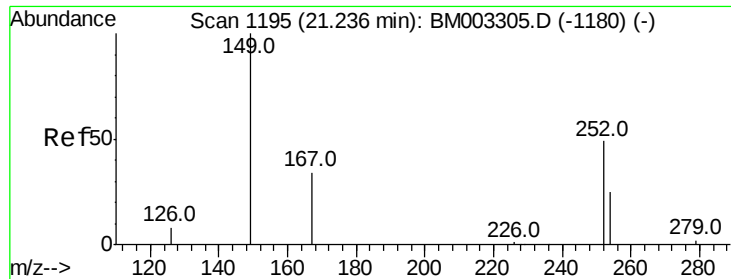
Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	228	Resp:	161868
Ion Ratio	Lower	Upper	
228	100		
226	21.2	17.8	26.6
229	23.4	18.0	27.0

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





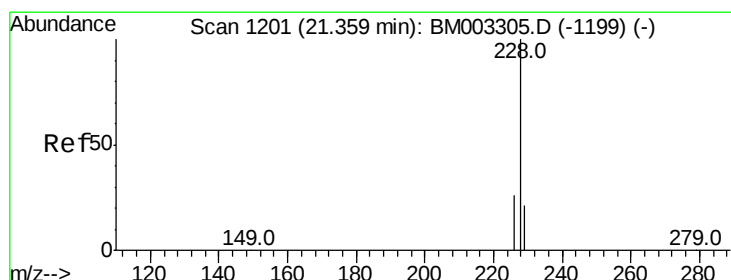
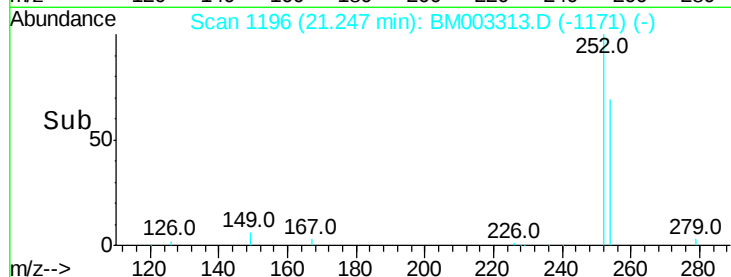
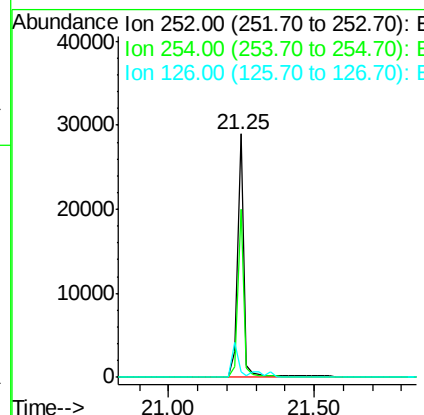
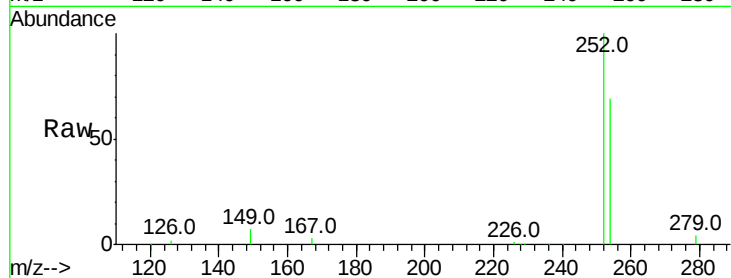
#31
 3,3'-Dichlorobenzidine
 Concen: 3.69 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.2	53.7	80.5
126	2.2	2.8	4.2

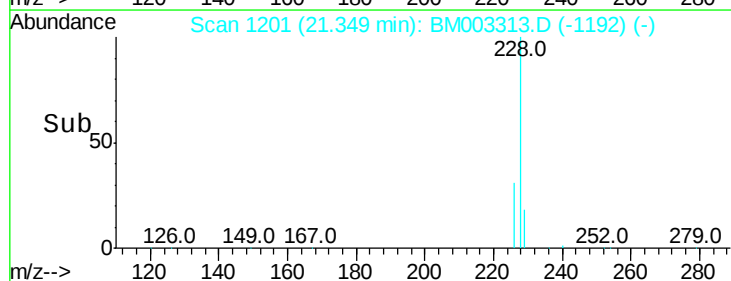
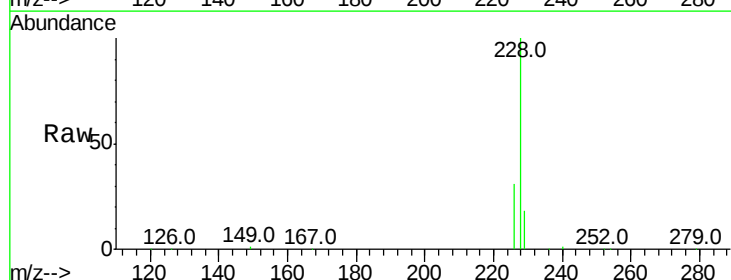
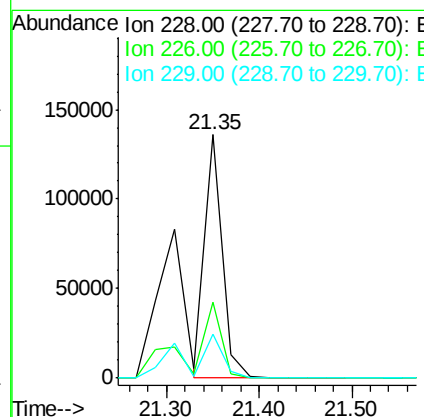
Manual Integrations
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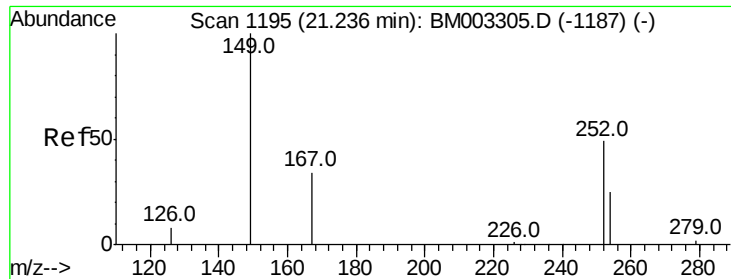
Mmdadoda
 11/30/2015 5:45:49 PM



#32
 Chrysene
 Concen: 3.69 ng m
 RT: 21.35 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	18.3	14.3	21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.69 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

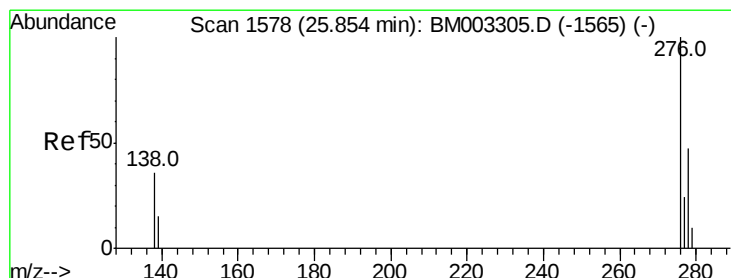
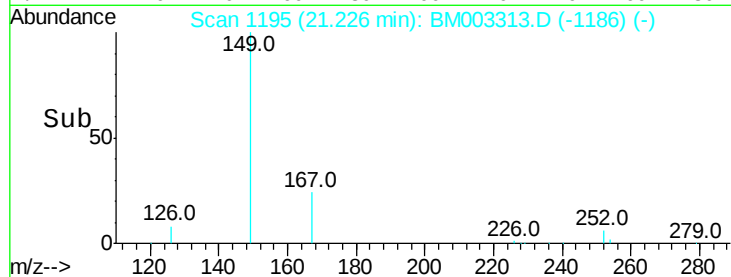
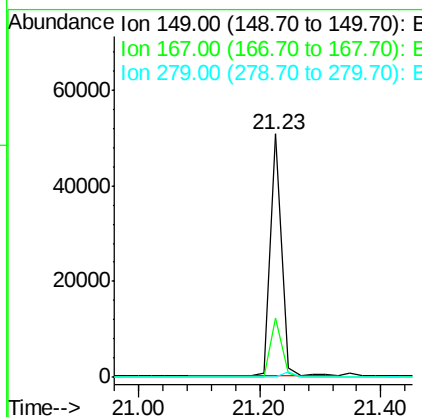
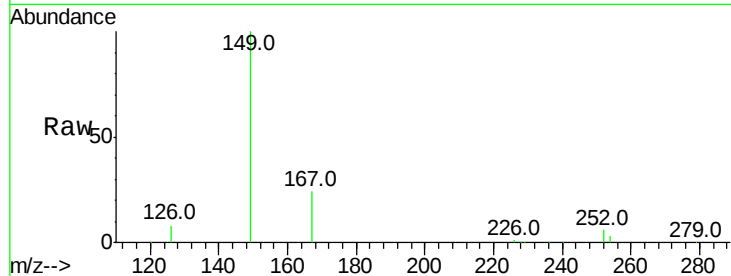
ClientSampleId :

PB86805BS

Tot Ion:	149	Resp:	66337
Ion Ratio	Lower	Upper	
149	100		
167	24.3	19.6	29.4
279	0.0	0.0	0.0

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#34

Indeno(1,2,3-cd)pyrene

Concen: 3.70 ng

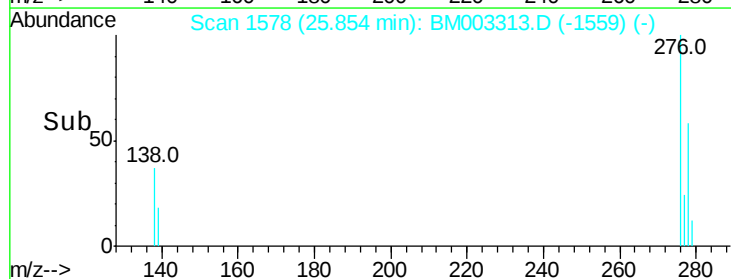
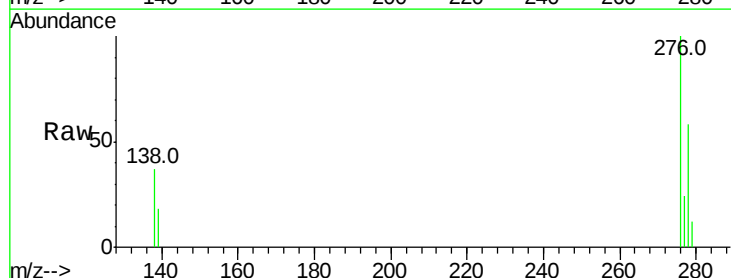
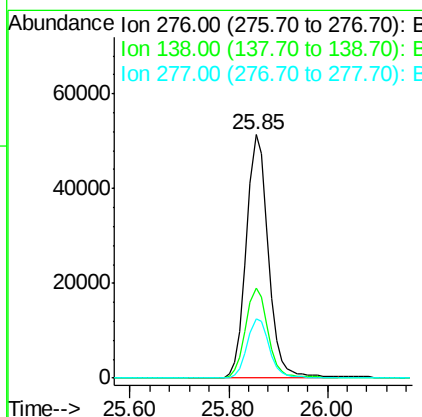
RT: 25.85 min Scan# 1578

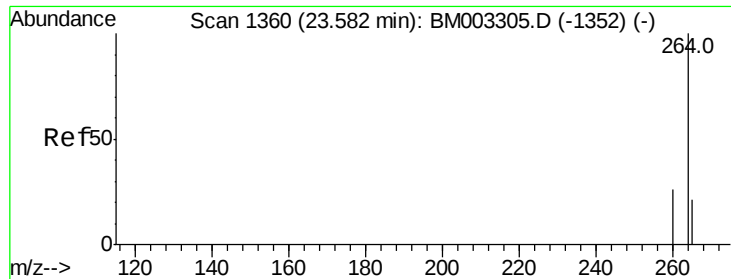
Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	276	Resp:	153763
Ion Ratio	Lower	Upper	
276	100		
138	37.4	19.1	28.7#
277	24.7	15.9	23.9#





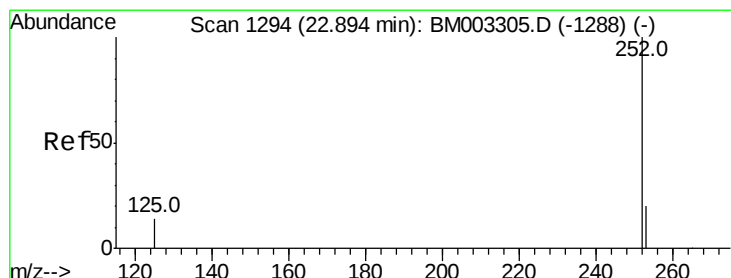
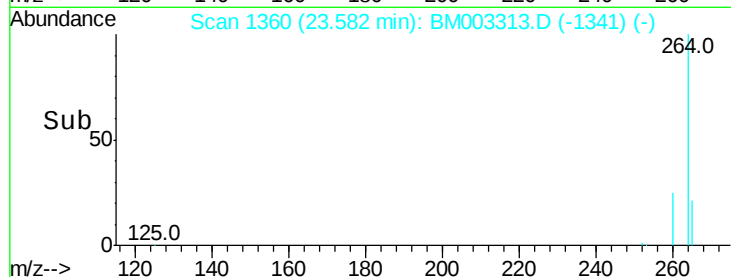
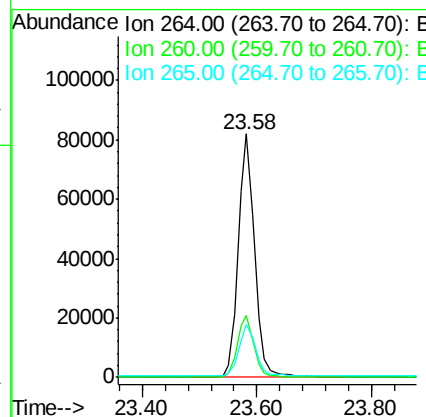
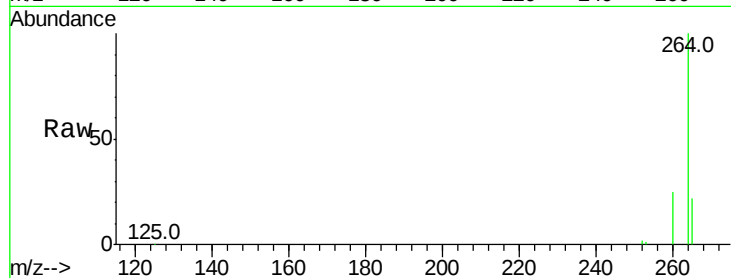
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	21.8	18.4	27.6

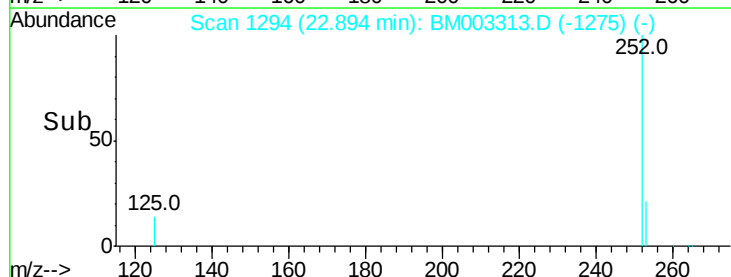
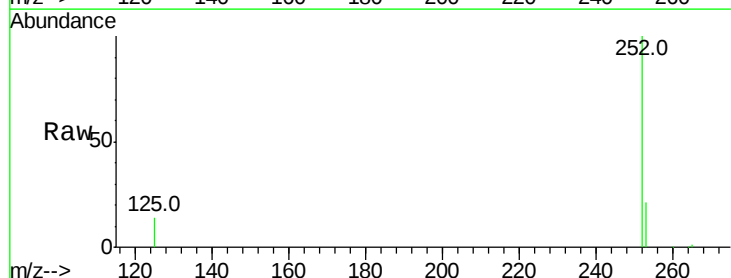
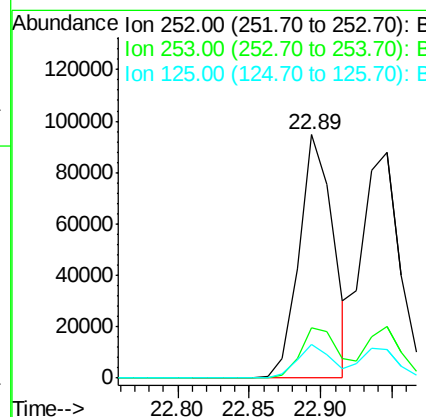
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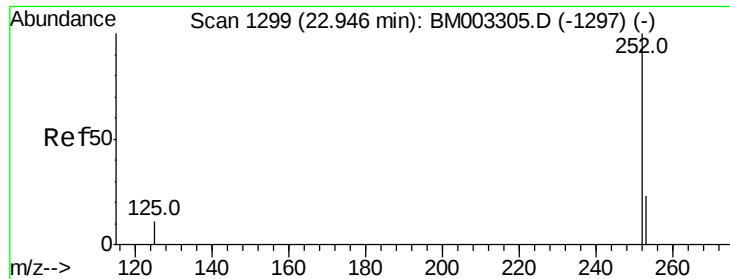
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 11/30/2015 5:45:49 PM



#36
 Benzo(b)fluoranthene
 Concen: 3.36 ng
 RT: 22.89 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.4
125	13.7	10.3	15.5





#37

Benzo(k)fluoranthene

Concen: 3.86 ng

RT: 22.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

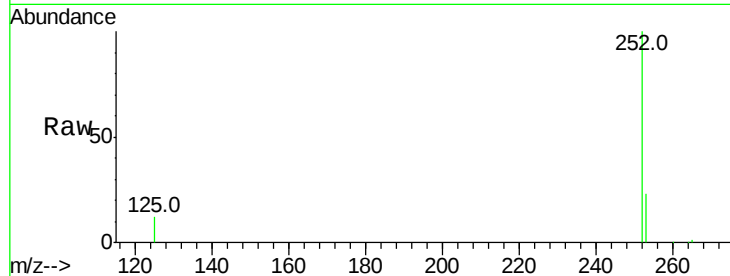
ClientSampleId :

PB86805BS

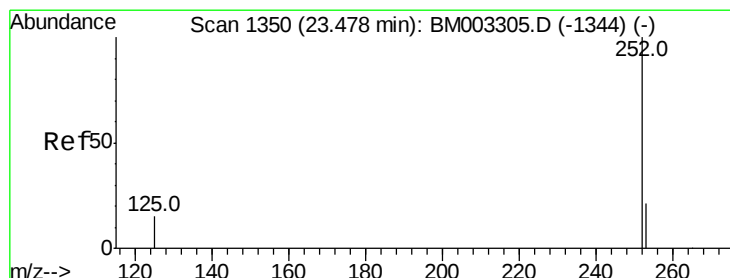
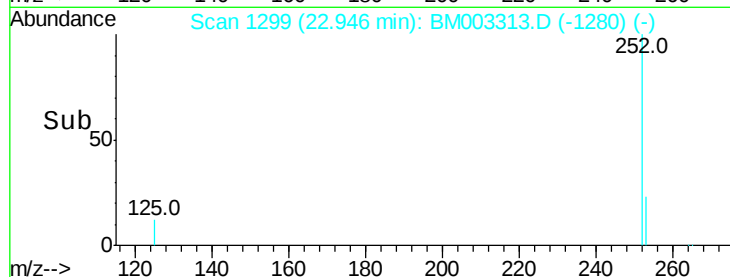
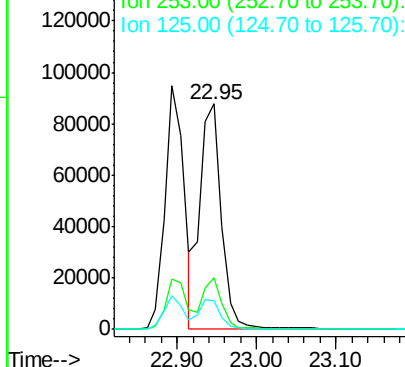
Tot Ion:	252	Resp:	161888
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	12.4	10.7	16.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 3.73 ng

RT: 23.48 min Scan# 1350

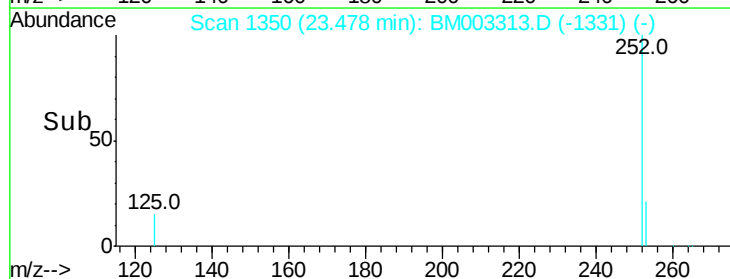
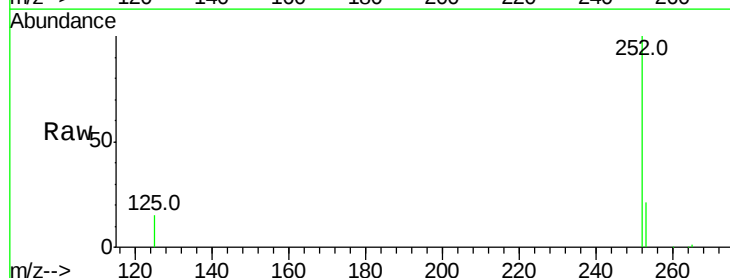
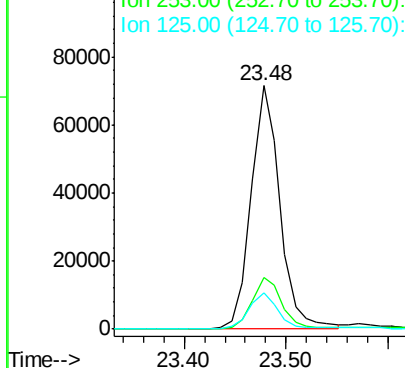
Delta R.T. 0.00 min

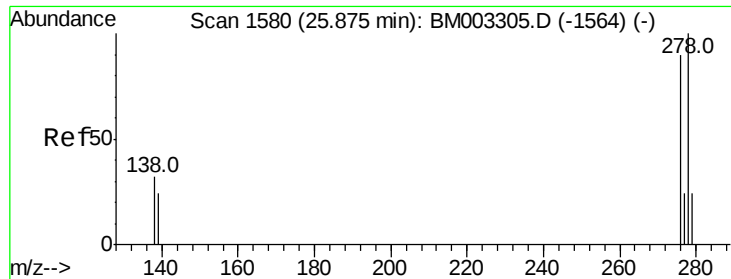
Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	252	Resp:	138715
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.7	28.1
125	15.0	11.6	17.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.83 ng

RT: 25.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

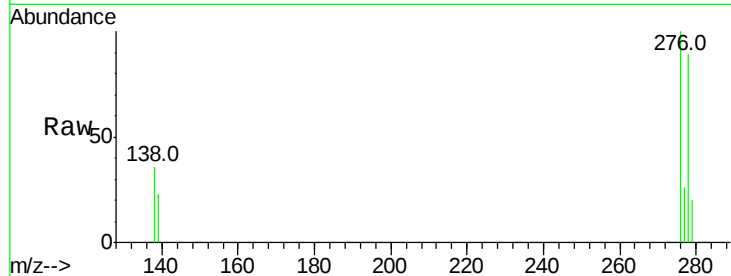
ClientSampleId :

PB86805BS

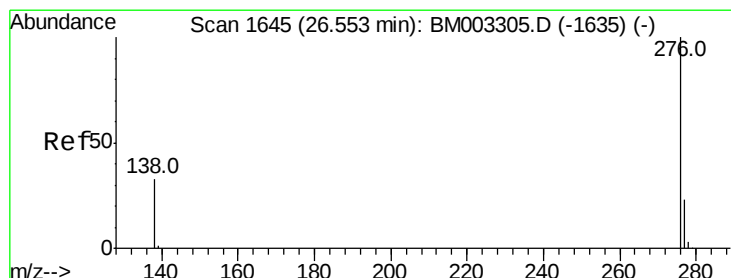
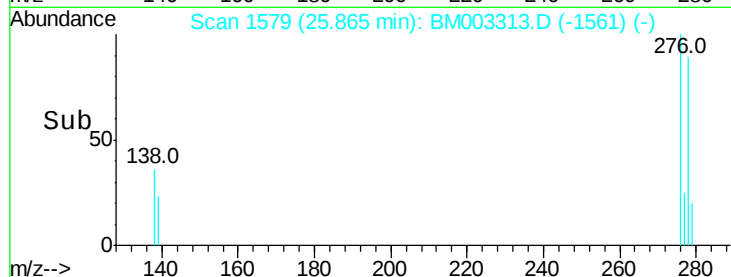
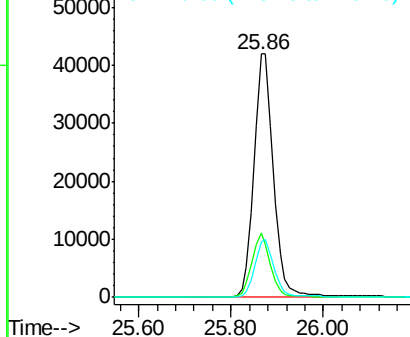
Tot Ion:	278	Resp:	123162
Ion Ratio	Lower	Upper	
278	100		
139	26.5	18.2	27.4
279	22.7	18.8	28.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 3.54 ng

RT: 26.55 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Tgt Ion:	276	Resp:	136501
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.6
138	32.0	22.3	33.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

