

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010816\
 Data File : BM003927.D
 Acq On : 08 Jan 2016 17:58
 Operator : SJ/UM
 Sample : PB87669BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87669BSD

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:50:09 AM

Quant Time: Jan 09 00:41:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	46798	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	196971	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	96954	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	243598	5.00	ng	0.00
26) Chrysene-d12	21.27	240	149009	5.00	ng	0.00
35) Perylene-d12	23.52	264	106433	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.27	112	76202	7.96	ng	0.00
5) Phenol-d6	6.85	99	101159	8.63	ng	0.00
8) Nitrobenzene-d5	8.83	82	43886	4.53	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	21521	7.41	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	141440	4.52	ng	0.00
29) Terphenyl-d14	19.71	244	96044	3.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	15953	4.06	ng	97
3) n-Nitrosodimethylamine	3.48	42	19133	3.95	ng	94
6) bis(2-Chloroethyl)ether	7.09	93	44418	4.15	ng	99
9) Nitrobenzene	8.87	77	44323	4.24	ng	99
10) Naphthalene	10.49	128	167380	3.88	ng	99
11) Hexachlorobutadiene	10.78	225	24794	3.77	ng	99
12) 2-Methylnaphthalene	12.12	142	114379	3.93	ng	91
16) Acenaphthylene	14.04	152	172580	4.27	ng	99
17) Acenaphthene	14.37	154	112908	4.00	ng	96
18) Fluorene	15.37	166	139028	4.13	ng	97
20) 4-Bromophenyl-phenylether	16.27	248	27594	3.67	ng	# 58
21) Hexachlorobenzene	16.37	284	28975	3.62	ng	# 62
22) Pentachlorophenol	16.73	266	21181	6.39	ng	# 85
23) Phenanthrene	17.11	178	177470m	3.97	ng	
24) Anthracene	17.19	178	214411	4.37	ng	97
25) Fluoranthene	19.14	202	204206	3.77	ng	99
27) Benzidine	19.33	184	126934	6.53	ng	96
28) Pyrene	19.50	202	217881	4.07	ng	100
30) Benzo(a)anthracene	21.25	228	170278	4.02	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	39221	3.05	ng	# 87
32) Chrysene	21.31	228	145982	3.32	ng	92
33) Bis(2-ethylhexyl)phthalate	21.19	149	55299	2.36	ng	# 91
34) Indeno(1,2,3-cd)pyrene	25.76	276	130517	4.14	ng	98
36) Benzo(b)fluoranthene	22.84	252	136613	4.20	ng	98
37) Benzo(k)fluoranthene	22.88	252	124092	3.94	ng	98
38) Benzo(a)pyrene	23.41	252	120542	4.35	ng	99
39) Dibenzo(a,h)anthracene	25.77	278	105997	4.48	ng	97
40) Benzo(g,h,i)perylene	26.44	276	115742	4.62	ng	98

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

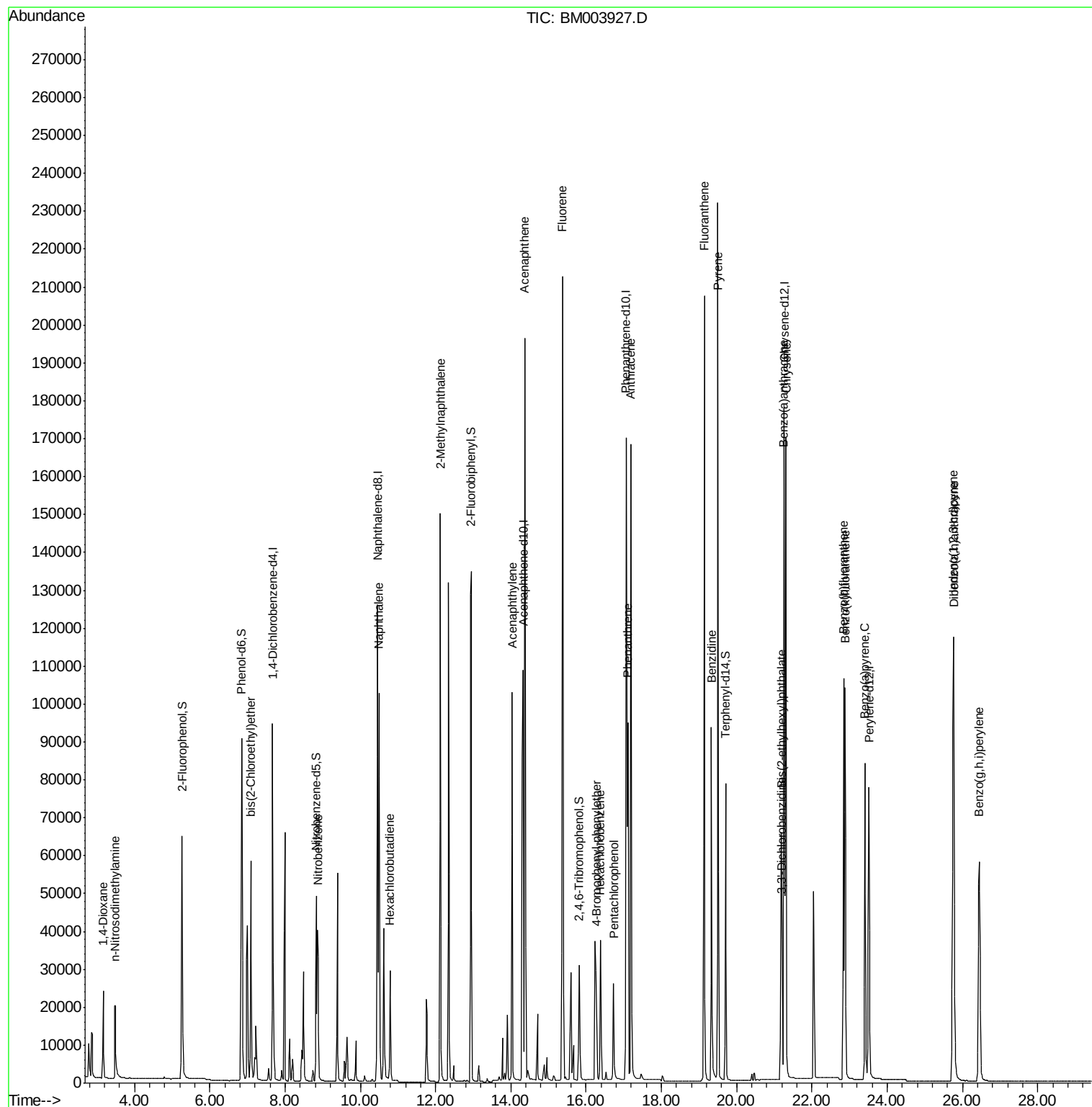
Data Path : Z:\HPCHEM1\BNA M\DATA\BM010816\
Data File : BM003927.D
Acq On : 08 Jan 2016 17:58
Operator : SJ/UM
Sample : PB87669BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

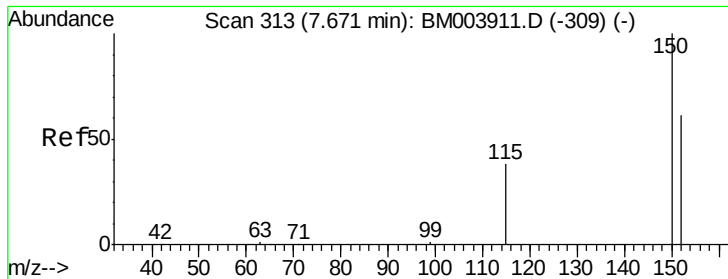
Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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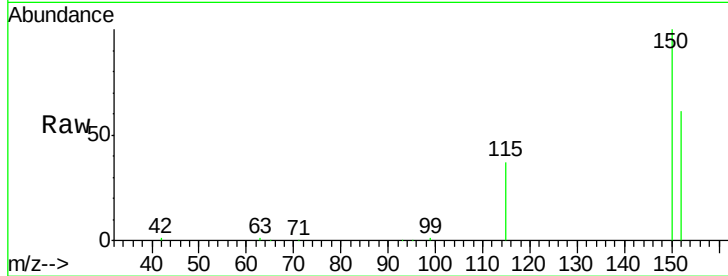




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

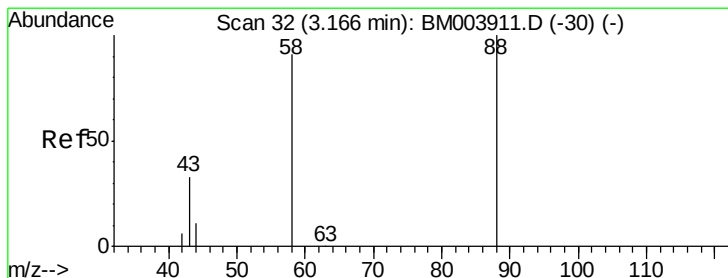
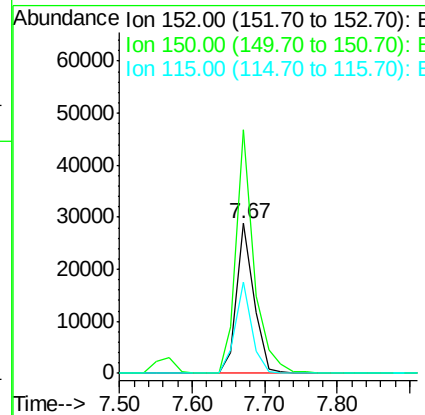
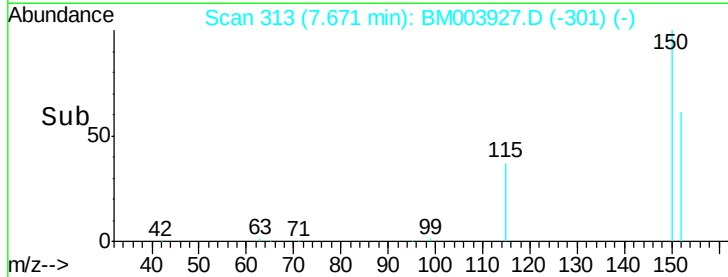
Instrument :
BNA_M
ClientSampleId :
PB87669BSD



Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.9	184.3
115	60.8	44.4	66.6

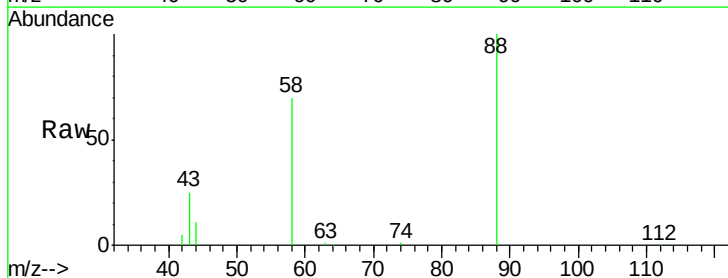
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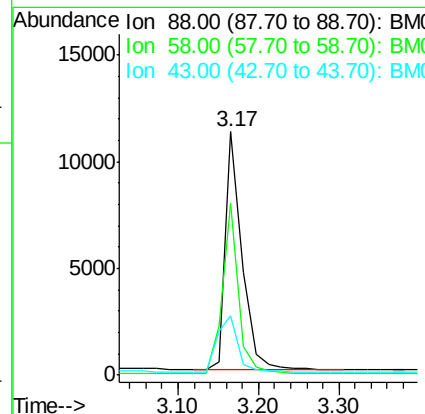
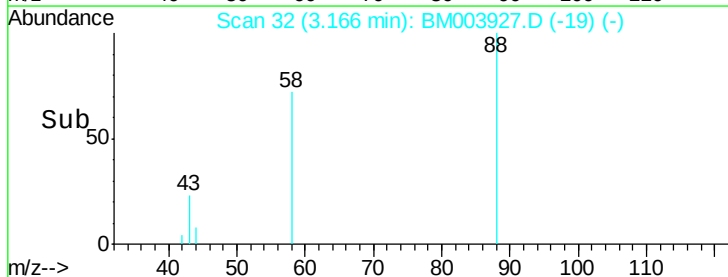


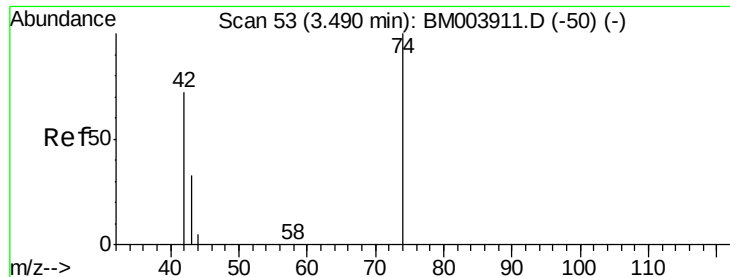
#2

1,4-Dioxane
Concen: 4.06 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58



Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	53.8	80.6
43	30.4	23.8	35.6





#3

n-Nitrosodimethylamine

Concen: 3.95 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

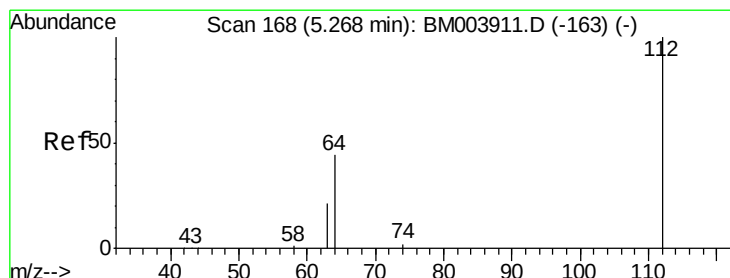
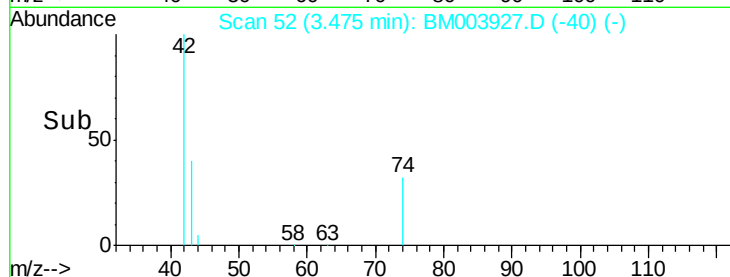
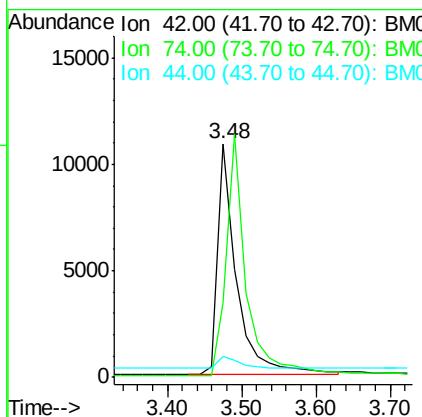
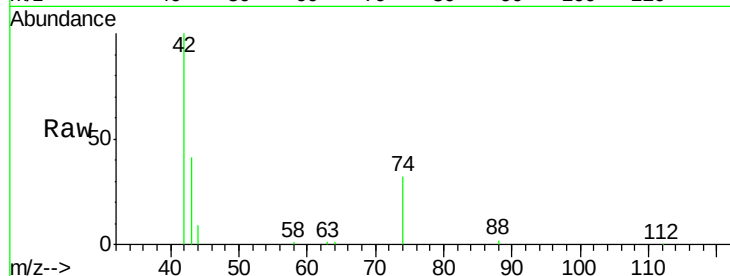
ClientSampleId :

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Tot Ion:	42	Resp:	19133
Ion	Ratio	Lower	Upper
42	100		
74	111.9	95.0	142.4
44	6.4	5.1	7.7

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#4

2-Fluorophenol

Concen: 7.96 ng

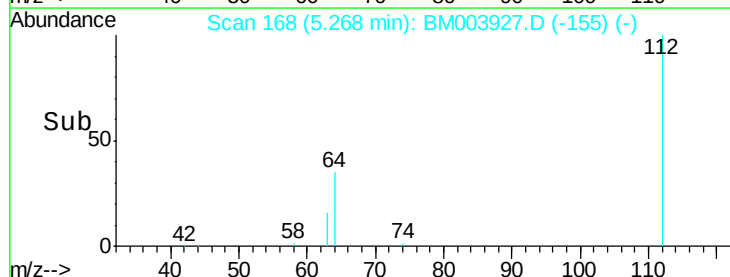
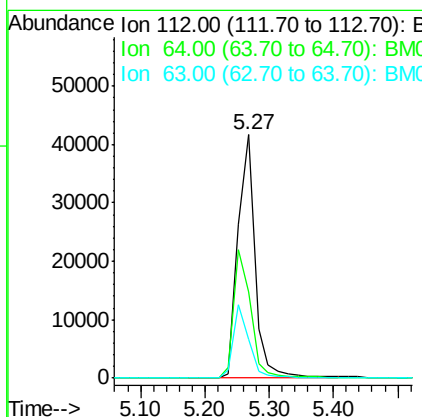
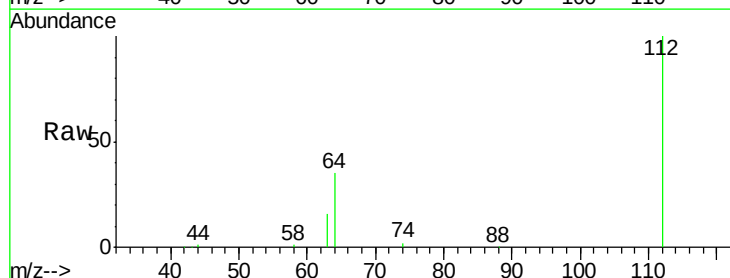
RT: 5.27 min Scan# 168

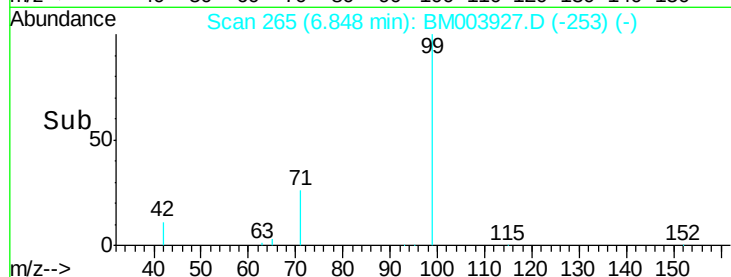
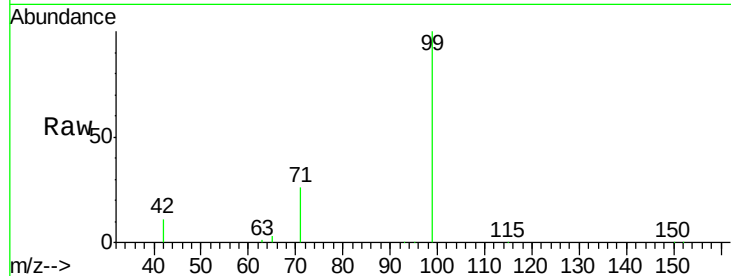
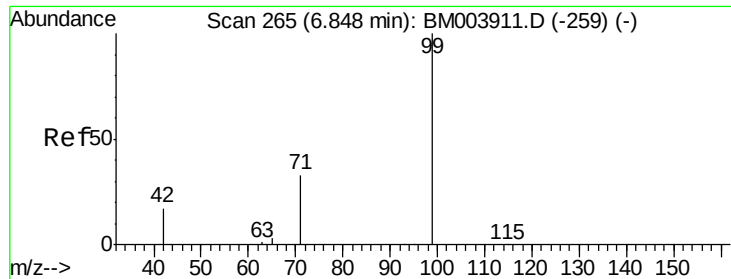
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:	112	Resp:	76202
Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	27.8	22.1	33.1





#5

Phenol-d6

Concen: 8.63 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tot Ion:	99	Resp:	101159
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	30.1	24.4	36.6

Instrument :

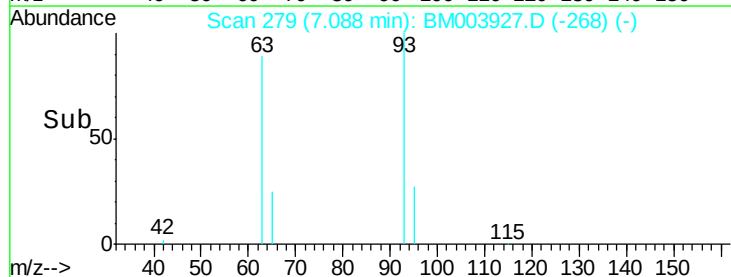
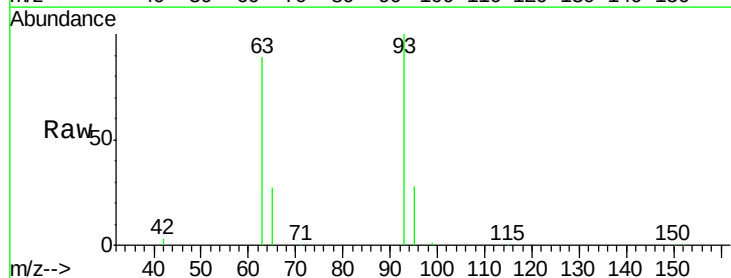
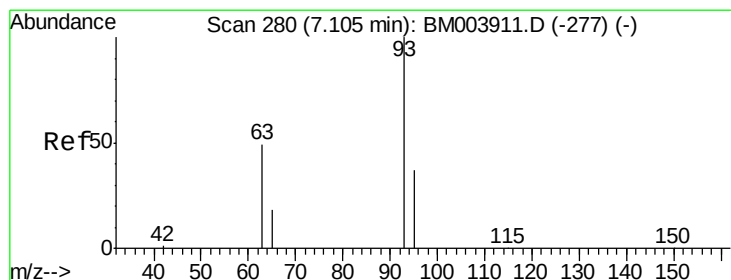
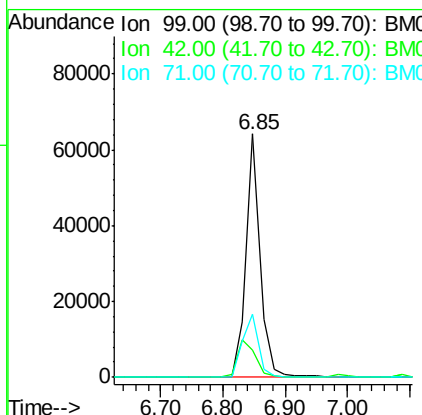
BNA_M

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 4.15 ng

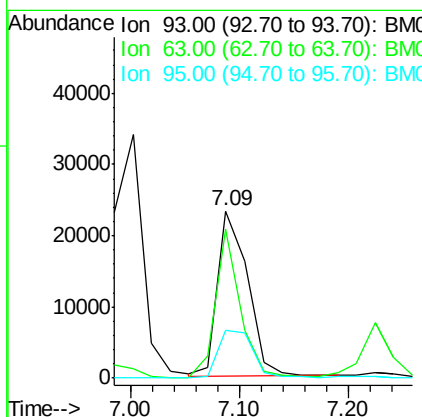
RT: 7.09 min Scan# 279

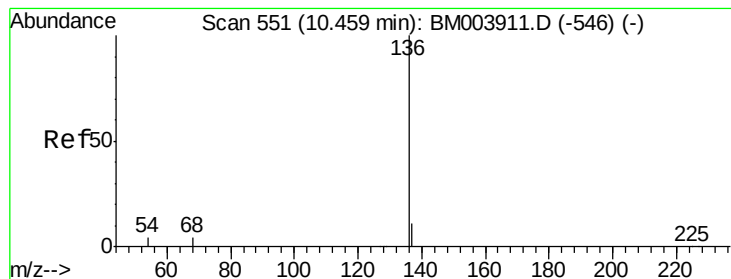
Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:	93	Resp:	44418
Ion	Ratio	Lower	Upper
93	100		
63	73.9	58.3	87.5
95	32.7	25.8	38.8





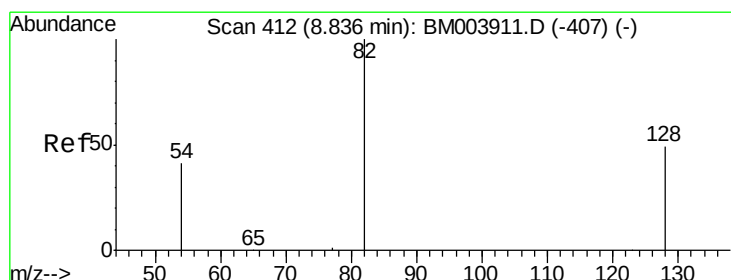
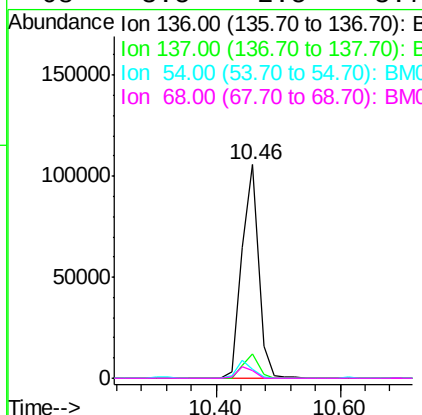
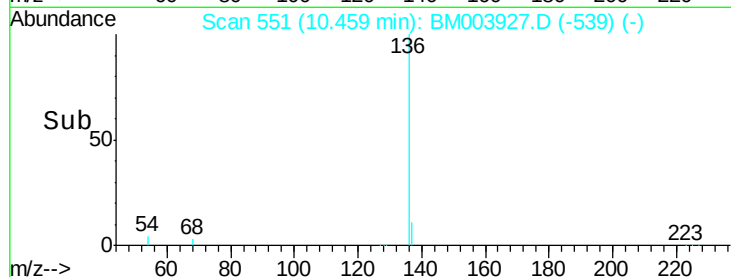
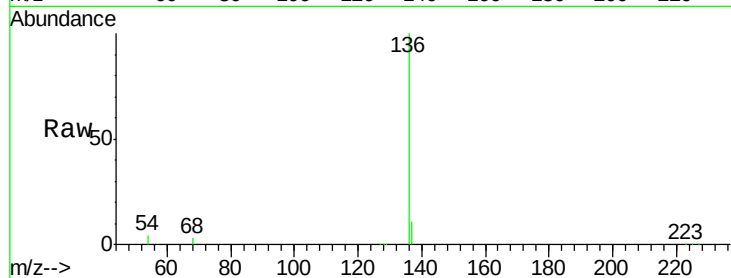
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_M
ClientSampleId :
PB87669BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		196971		
137	11.4		9.2	13.8	
54	4.1		2.8	4.2	
68	3.5		2.5	3.7	

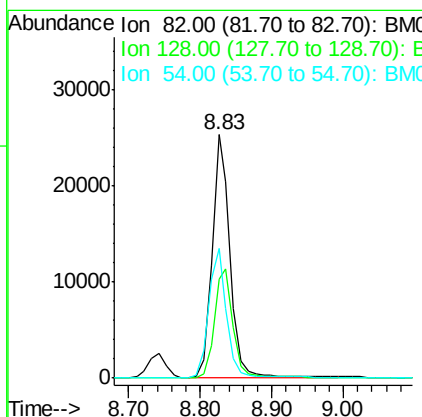
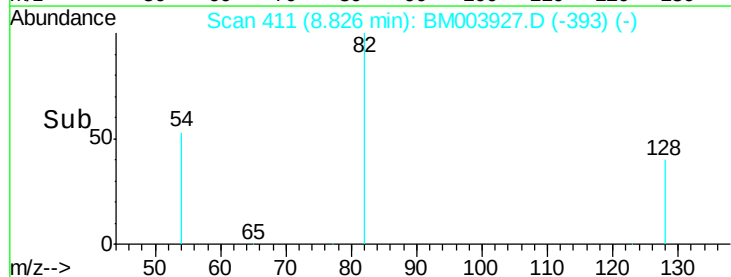
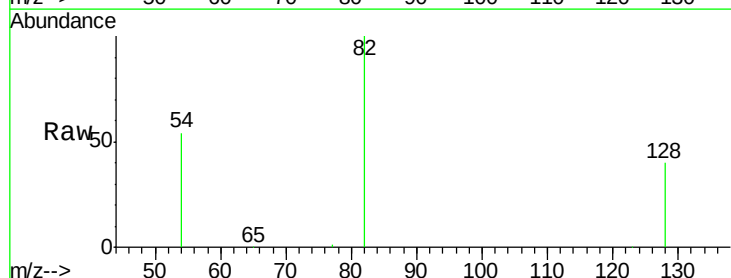
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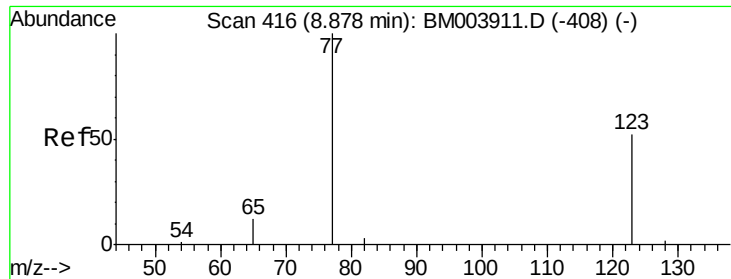
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#8
Nitrobenzene-d5
Concen: 4.53 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		43886		
128	40.5		39.1	58.7	
54	53.5		34.8	52.2	





#9

Nitrobenzene

Concen: 4.24 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.01 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

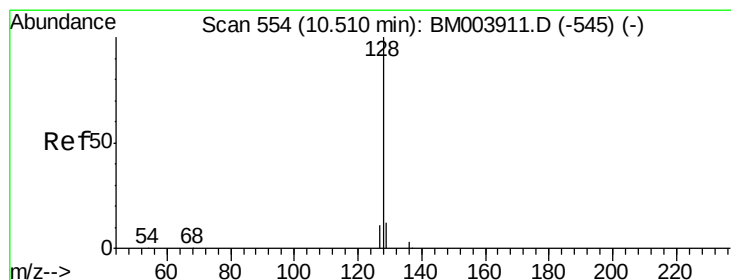
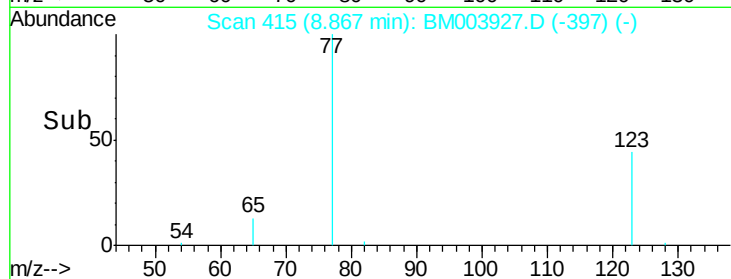
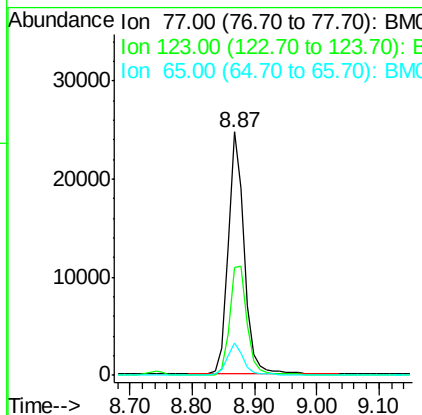
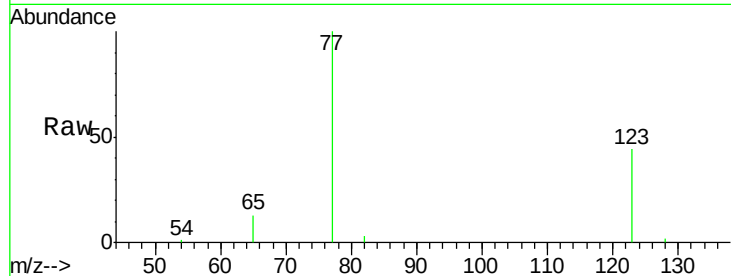
ClientSampleId :

PB87669BSD

Tot Ion:	77	Resp:	44323
Ion	Ratio	Lower	Upper
77	100		
123	49.1	38.6	57.8
65	12.8	9.9	14.9

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#10

Naphthalene

Concen: 3.88 ng

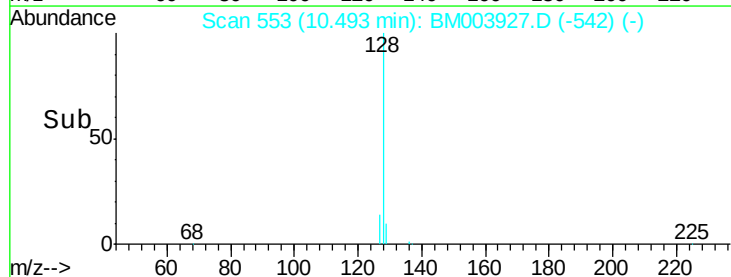
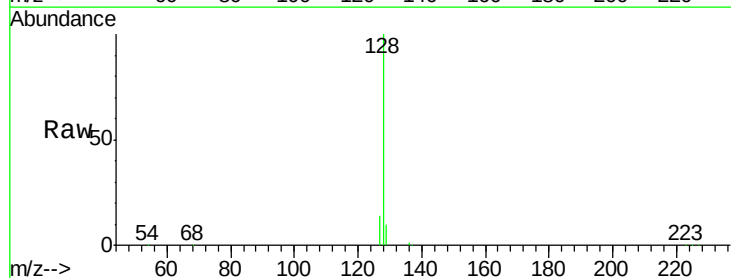
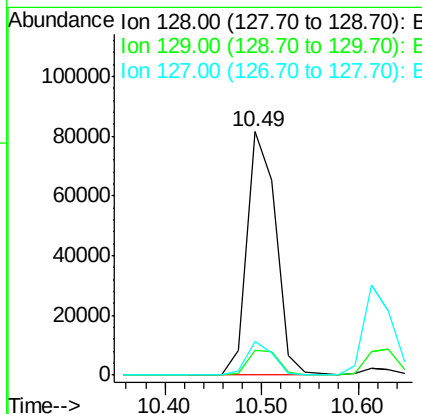
RT: 10.49 min Scan# 553

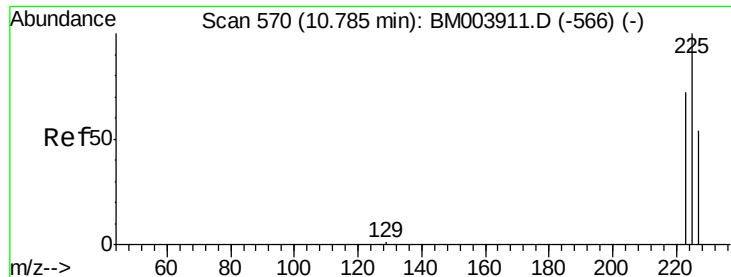
Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:	128	Resp:	167380
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.5	12.7
127	14.0	11.0	16.4





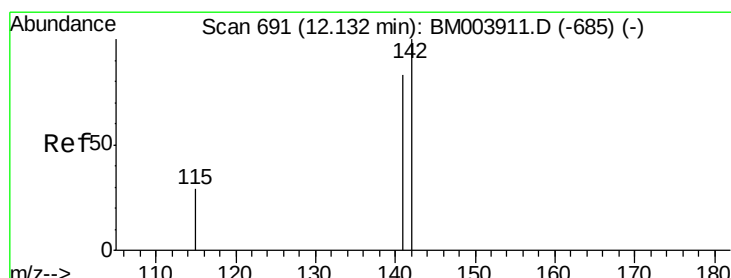
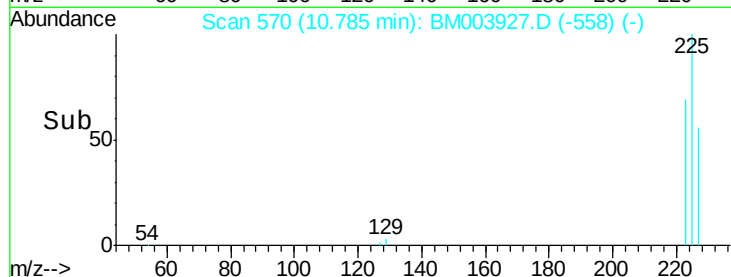
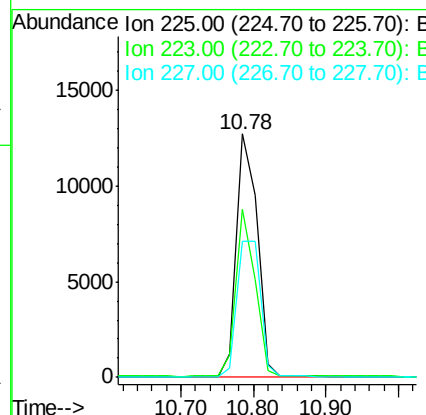
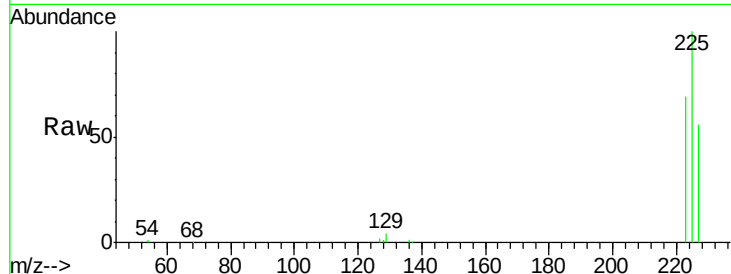
#11
Hexachlorobutadiene
Concen: 3.77 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
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ClientSampleId :
PB87669BSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.5	51.2	76.8

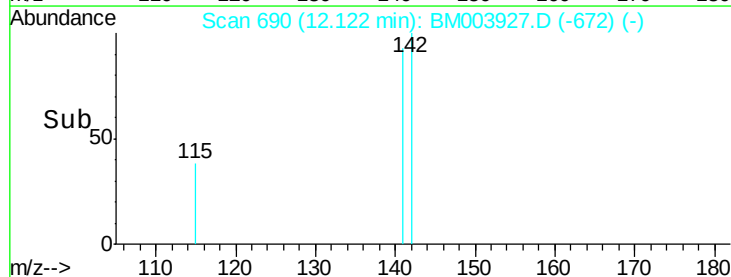
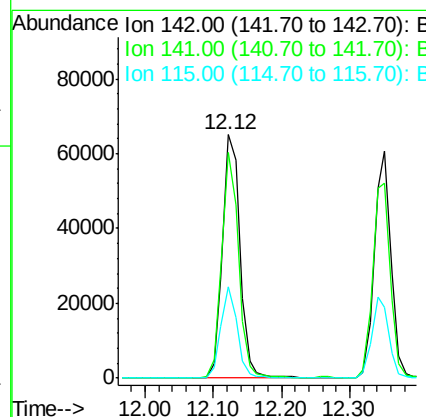
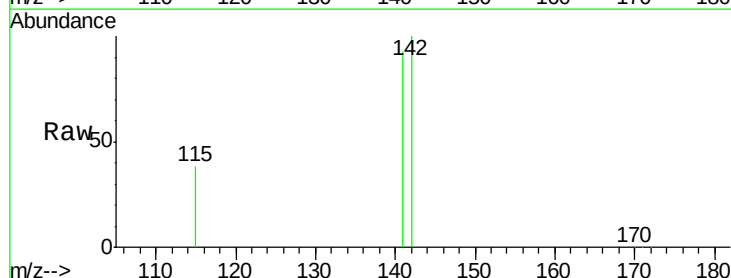
Manual Integrations
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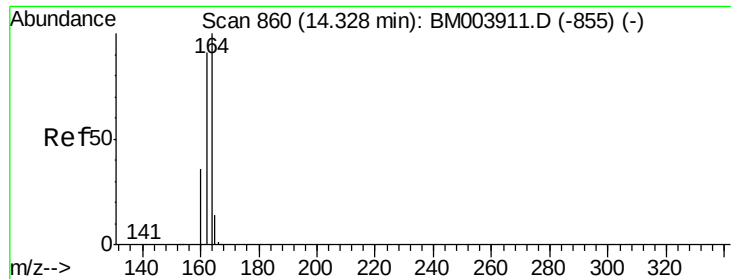
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#12
2-Methylnaphthalene
Concen: 3.93 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	67.8	101.8
115	37.6	25.3	37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

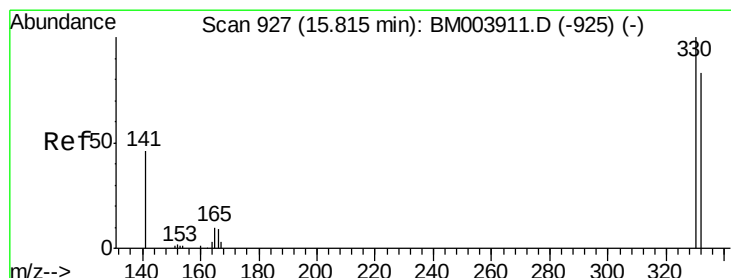
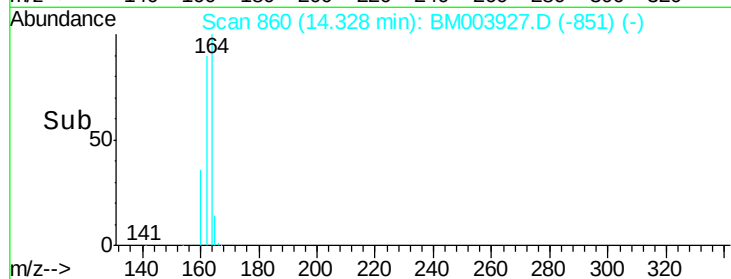
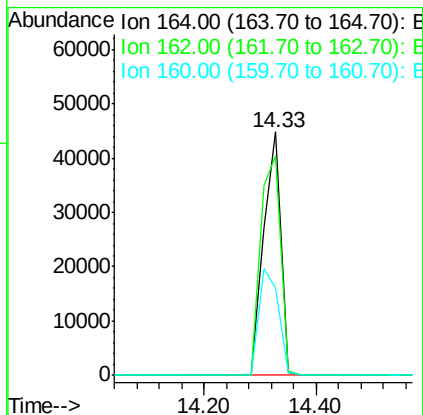
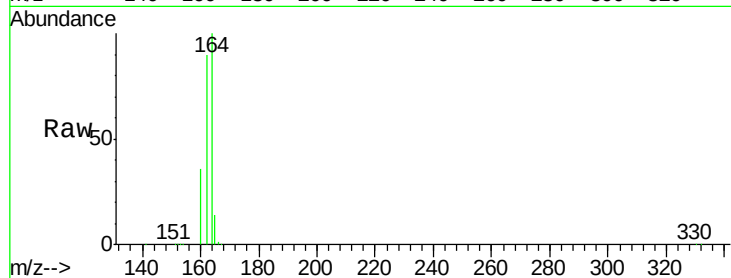
ClientSampleId :

PB87669BSD

Manual Integrations
APPROVED

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Tot Ion:	164	Resp:	96954
Ion Ratio	Lower	Upper	
164	100		
162	90.1	86.0	129.0
160	36.0	40.3	60.5#



#14

2,4,6-Tribromophenol

Concen: 7.41 ng

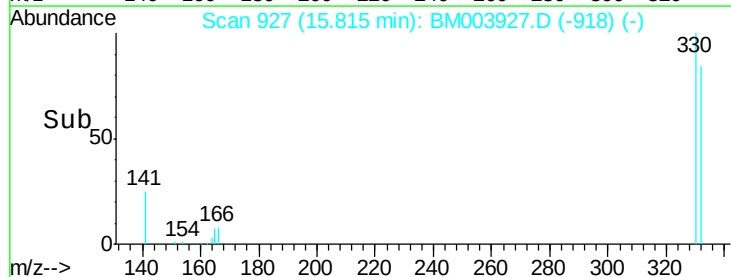
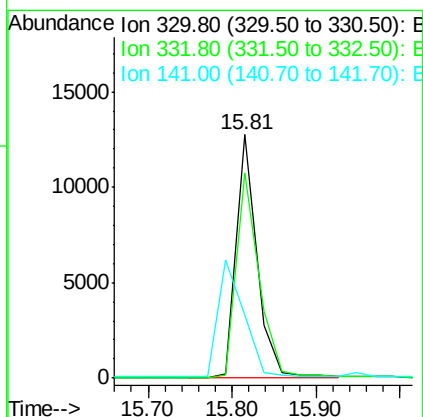
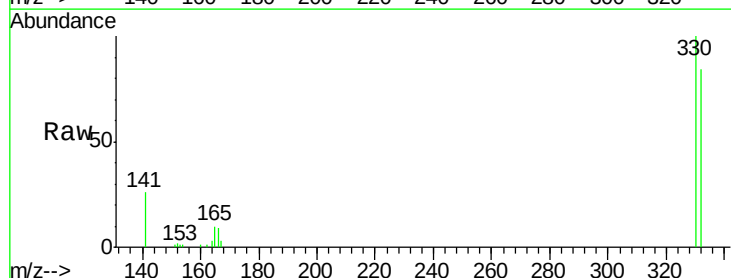
RT: 15.81 min Scan# 927

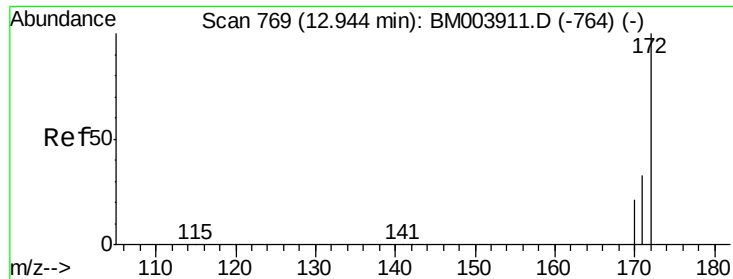
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:	330	Resp:	21521
Ion Ratio	Lower	Upper	
330	100		
332	91.6	79.0	118.4
141	0.0	0.0	0.0





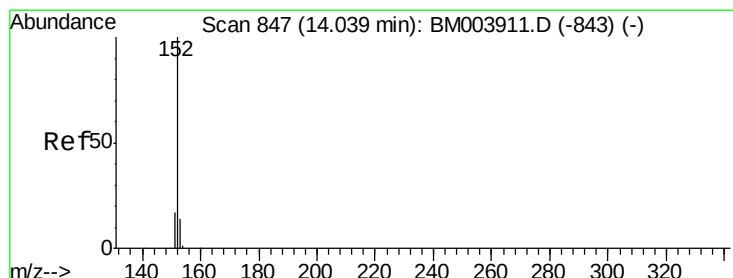
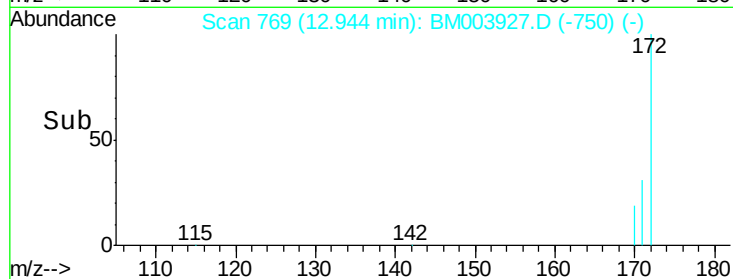
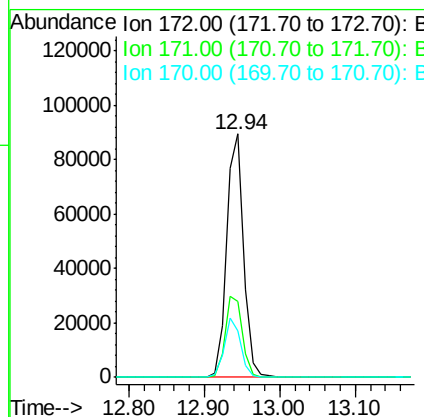
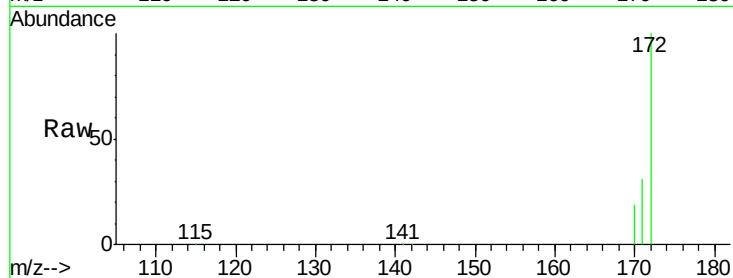
#15
2-Fluorobiphenyl
Concen: 4.52 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_M
ClientSampleId :
PB87669BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.3	27.0	40.6
170	19.0	17.9	26.9

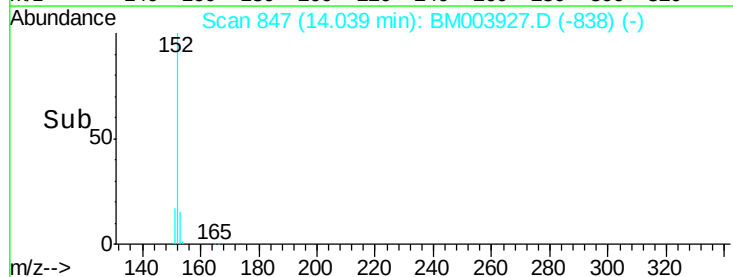
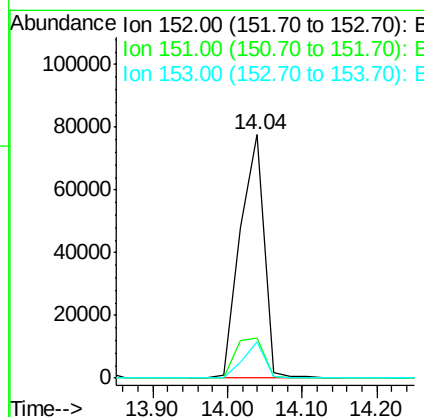
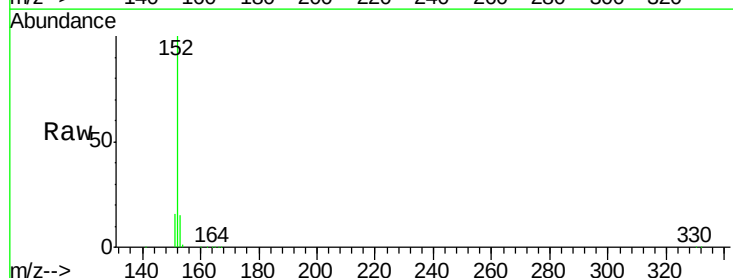
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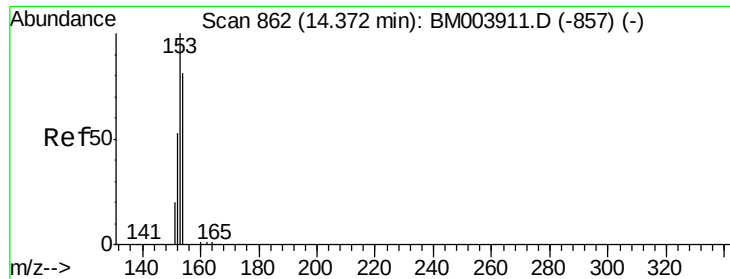
Sohil
1/10/2016 9:50:09 AM



#16
Acenaphthylene
Concen: 4.27 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.2	10.2	15.4





#17

Acenaphthene

Concen: 4.00 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

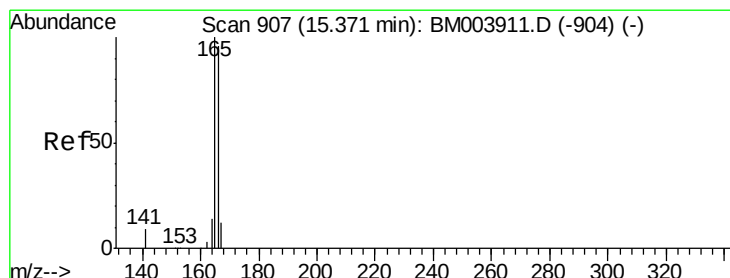
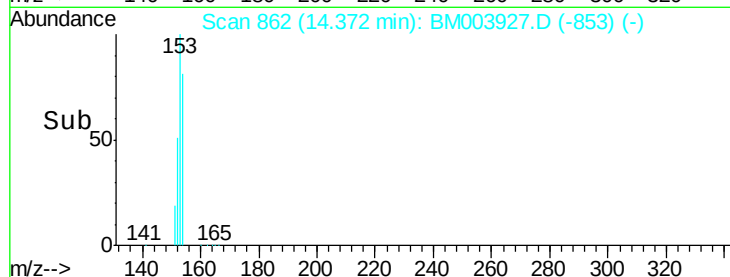
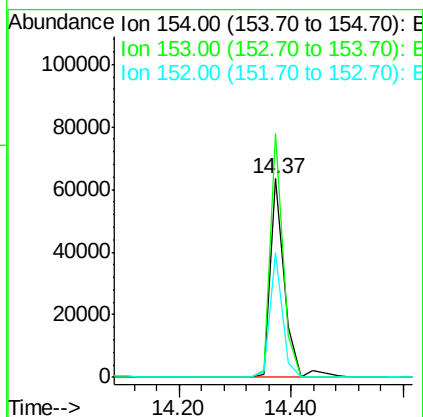
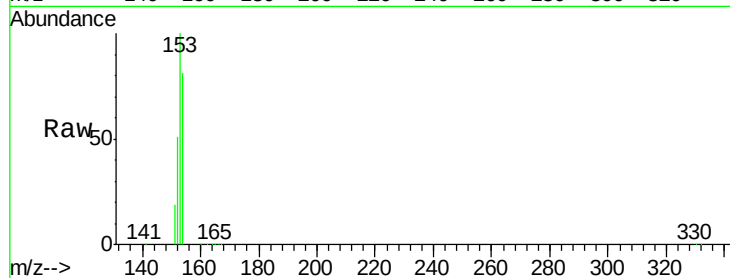
ClientSampleId :

PB87669BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.0	85.4	128.2
152	54.3	40.6	60.8

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#18

Fluorene

Concen: 4.13 ng

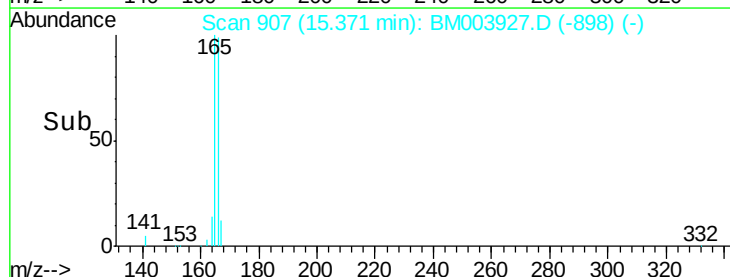
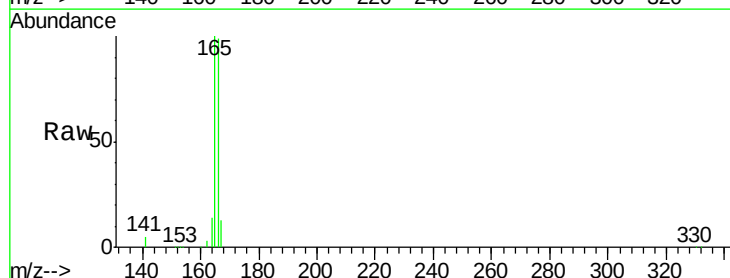
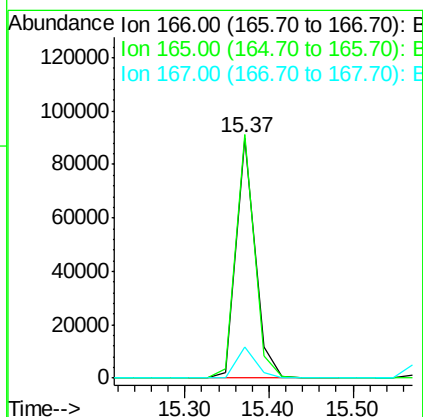
RT: 15.37 min Scan# 907

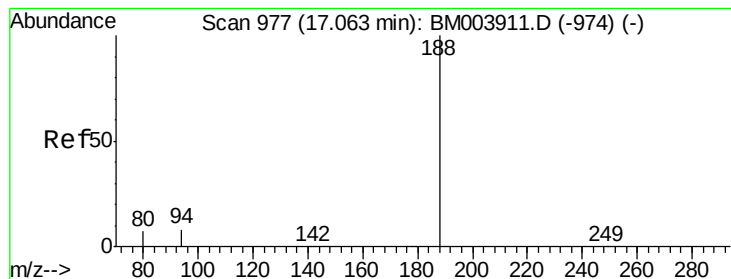
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.2	115.8
167	13.1	11.0	16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

ClientSampleId :

PB87669BSD

Tot Ion:188 Resp: 243598
Ion Ratio Lower Upper

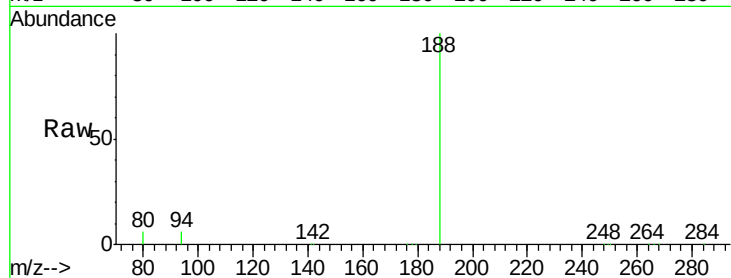
188 100

94 6.3 20.3 30.5#

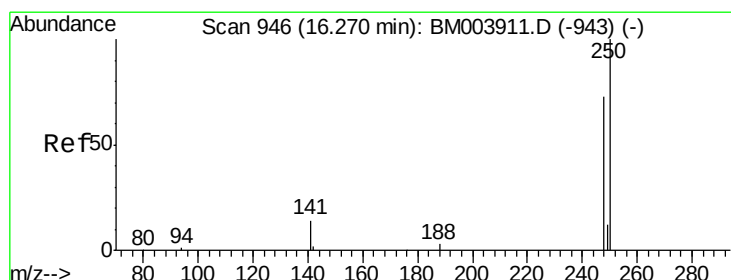
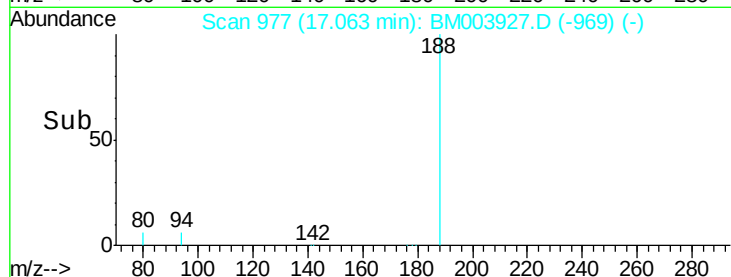
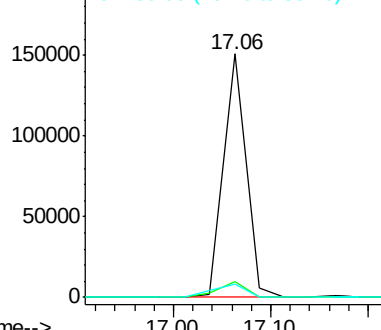
80 5.6 22.2 33.4#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 3.67 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003927.D

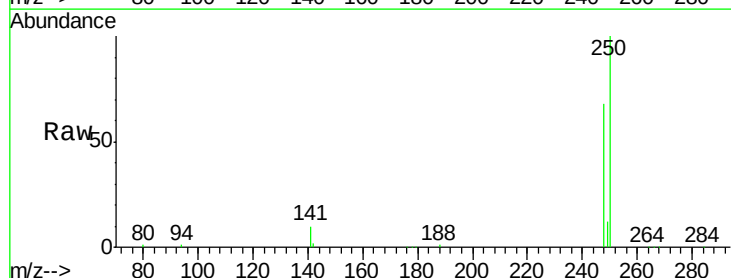
Acq: 08 Jan 2016 17:58

Tgt Ion:248 Resp: 27594
Ion Ratio Lower Upper

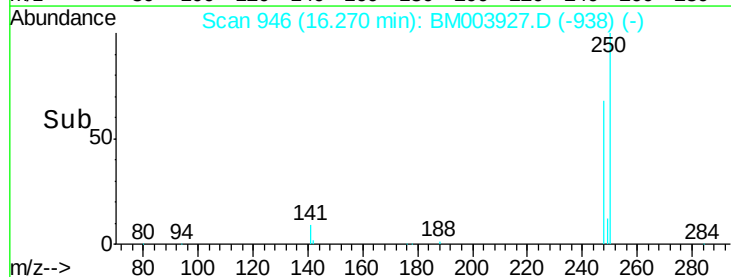
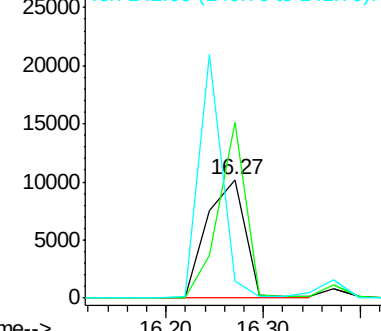
248 100

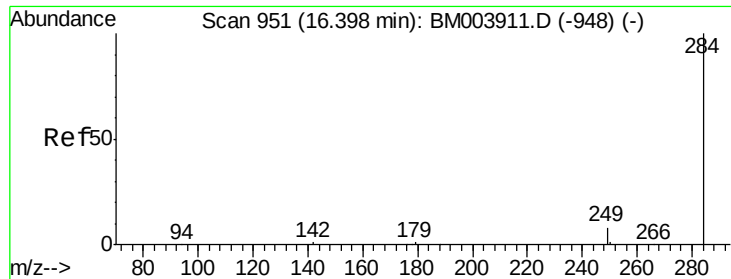
250 105.6 75.0 112.4

141 0.0 53.0 79.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





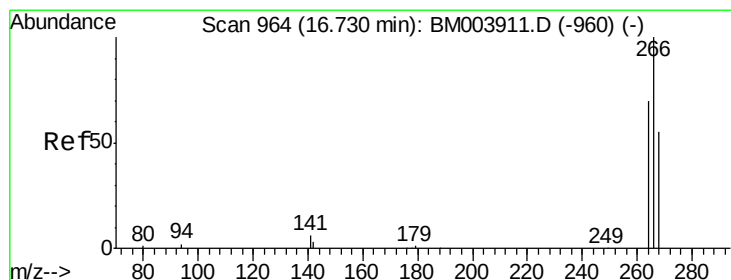
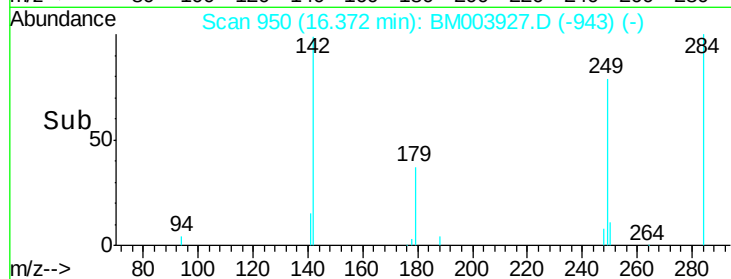
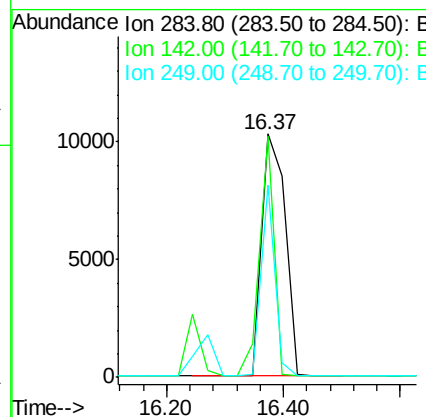
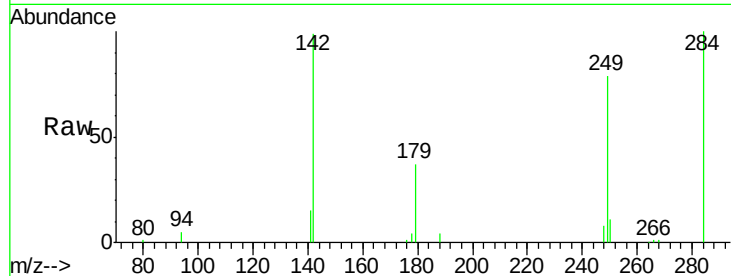
#21
Hexachlorobenzene
Concen: 3.62 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.03 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_M
ClientSampleId :
PB87669BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	61.4	0.0	0.0	#
249	46.4	21.5	32.3	#

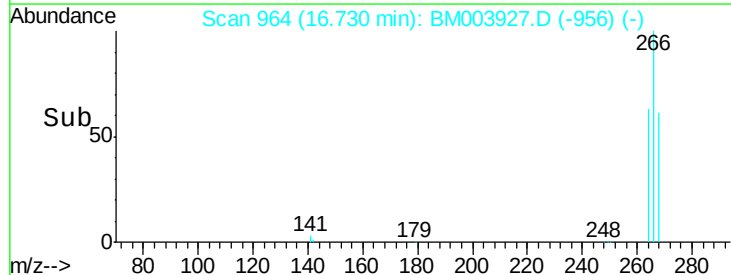
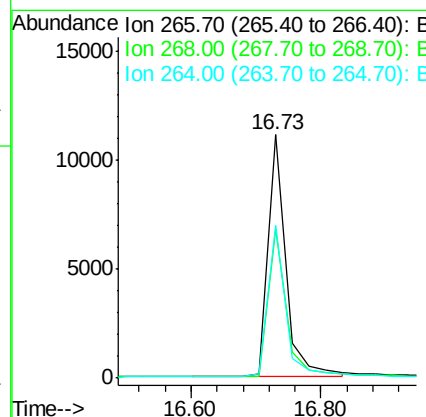
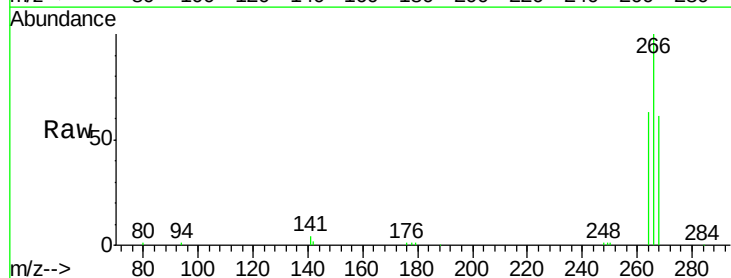
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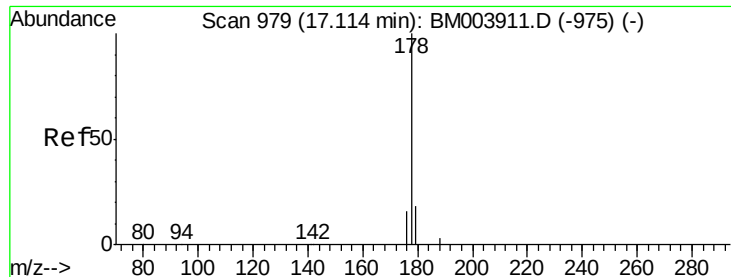
Sohil
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#22
Pentachlorophenol
Concen: 6.39 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.2	62.7	94.1	#
264	62.8	45.7	68.5	#





#23

Phenanthrene

Concen: 3.97 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

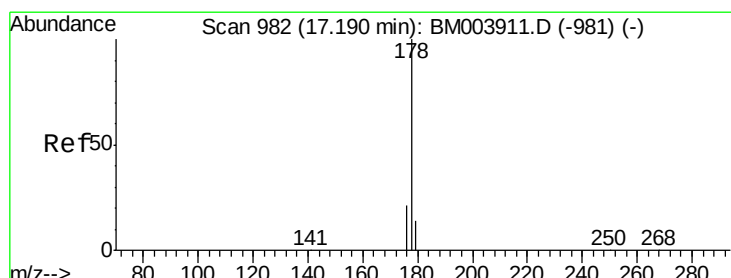
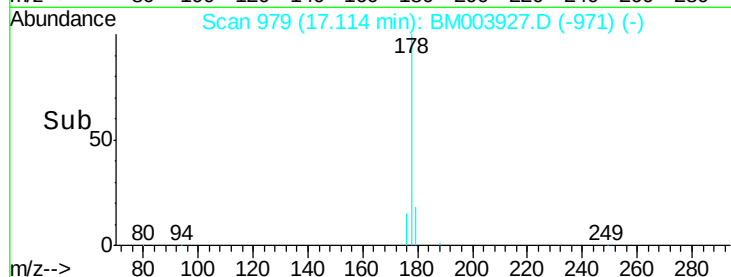
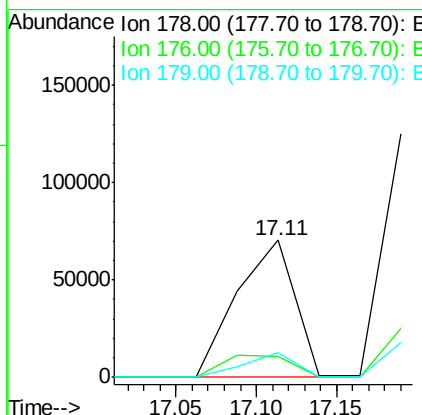
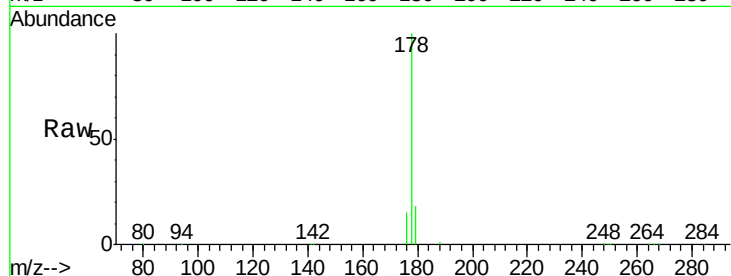
ClientSampleId :

PB87669BSD

Tot Ion:178	Resp:	177470
Ion Ratio	Lower	Upper
178	100	
176	23.0	15.4 23.0
179	17.2	12.2 18.4

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#24

Anthracene

Concen: 4.37 ng

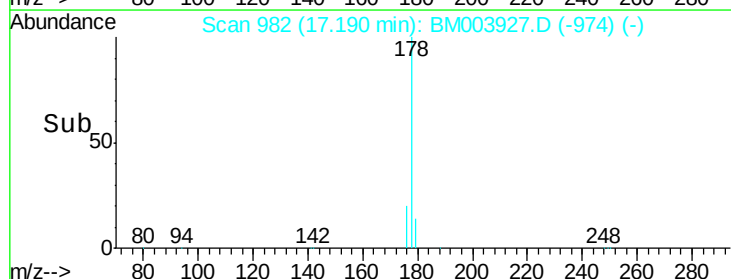
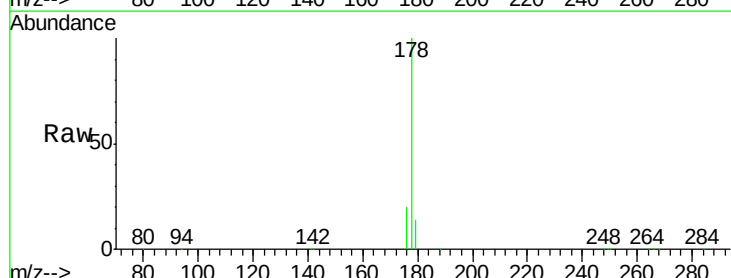
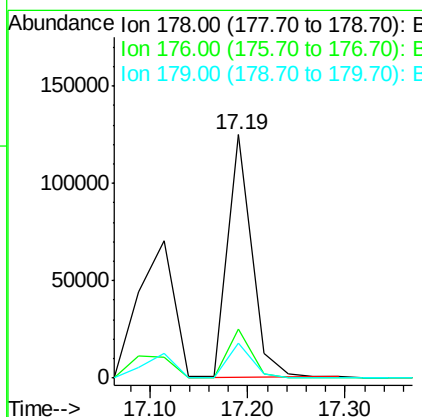
RT: 17.19 min Scan# 982

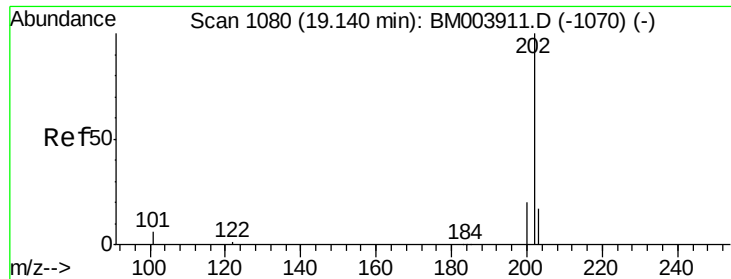
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:178	Resp:	214411
Ion Ratio	Lower	Upper
178	100	
176	19.5	14.6 21.8
179	14.5	12.6 19.0





#25

Fluoranthene

Concen: 3.77 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

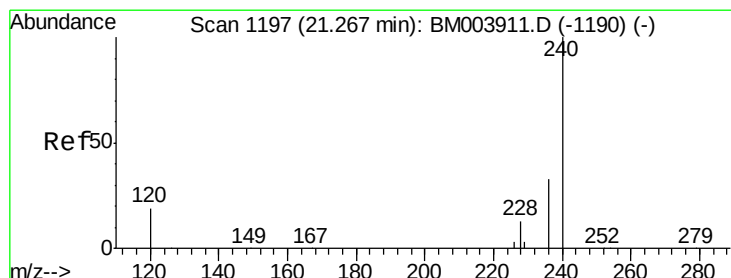
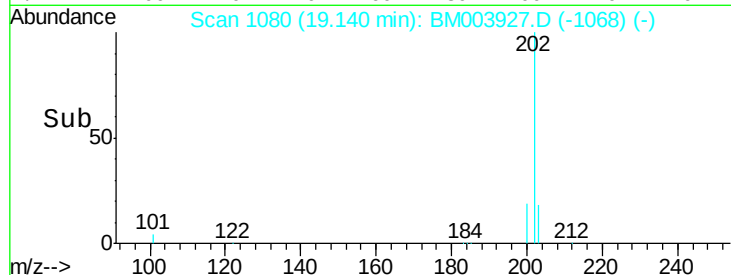
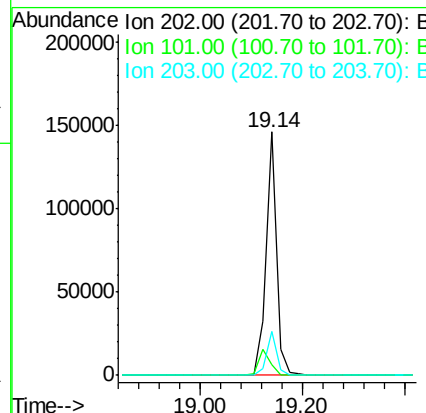
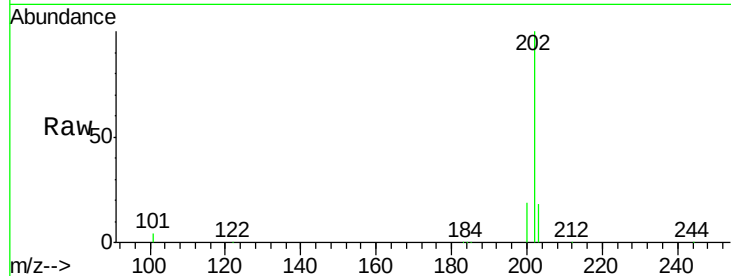
ClientSampleId :

PB87669BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		204206		
101	11.7	9.7	14.5		
203	17.5	13.8	20.8		

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#26

Chrysene-d12

Concen: 5.00 ng

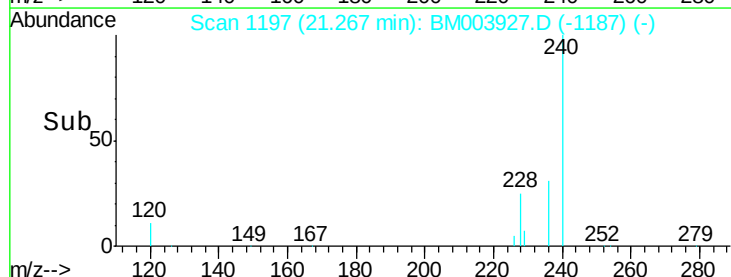
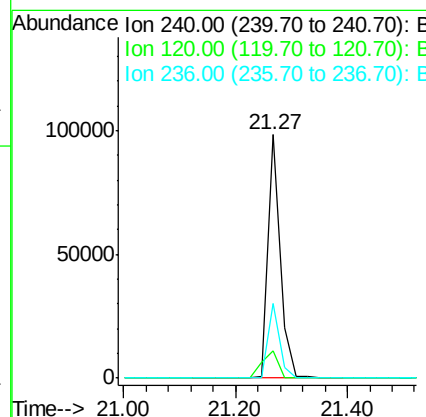
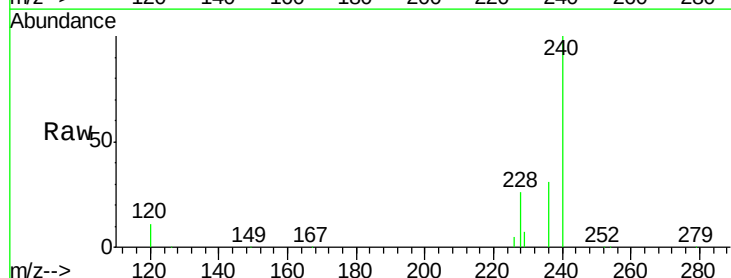
RT: 21.27 min Scan# 1197

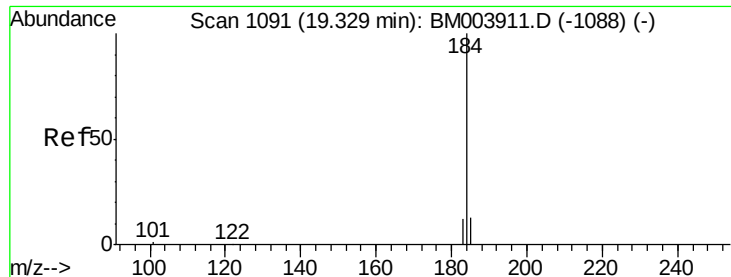
Delta R.T. -0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		149009		
120	11.4	0.9	1.3#		
236	30.9	17.3	25.9#		





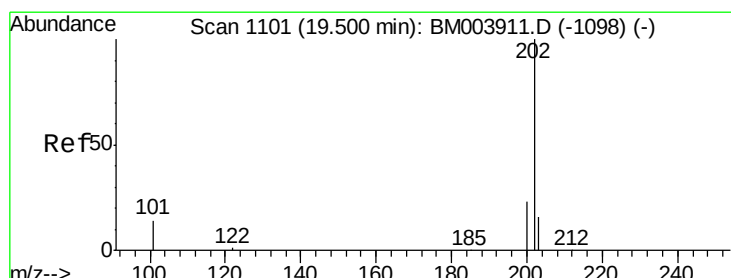
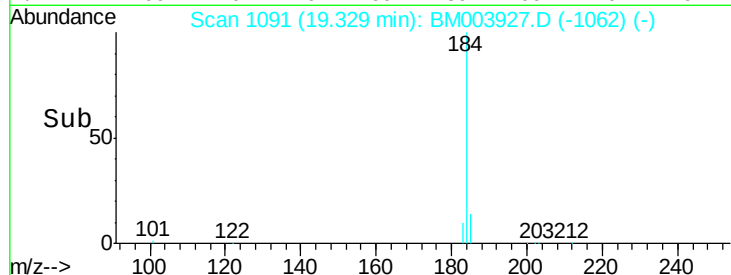
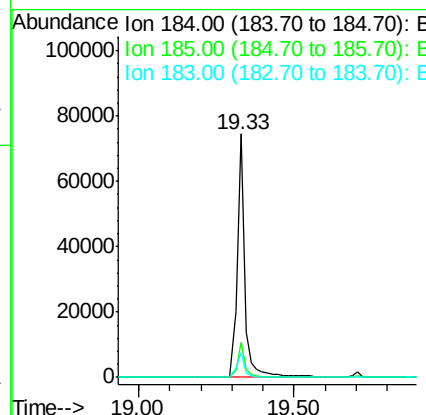
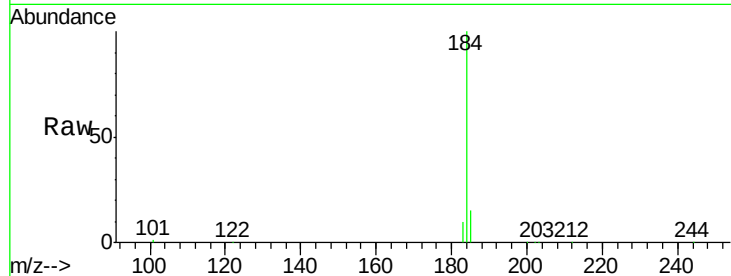
#27
Benzidine
Concen: 6.53 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_M
ClientSampleId :
PB87669BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.2	19.8
183	10.1	9.0	13.6

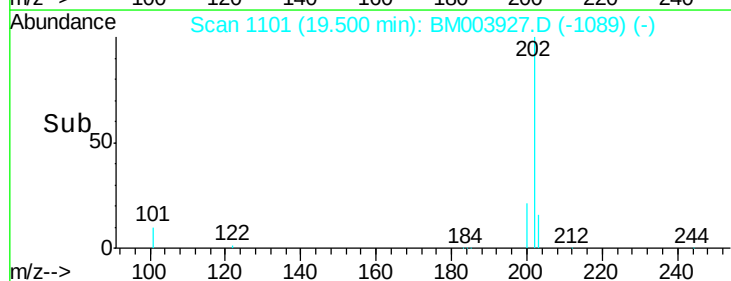
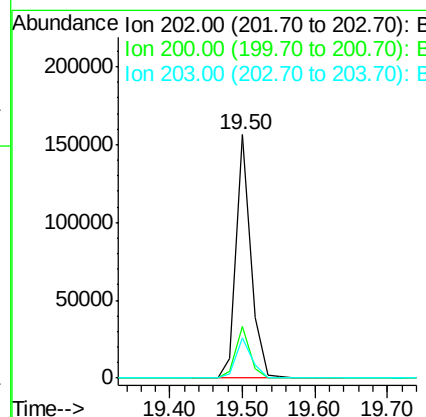
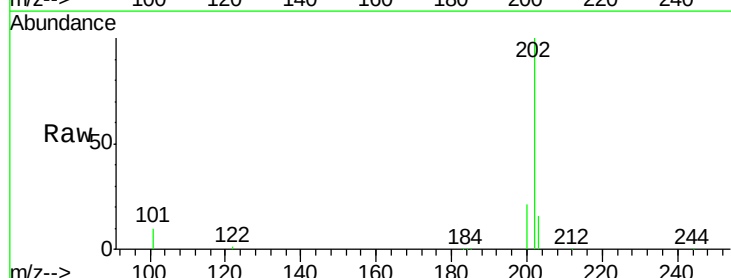
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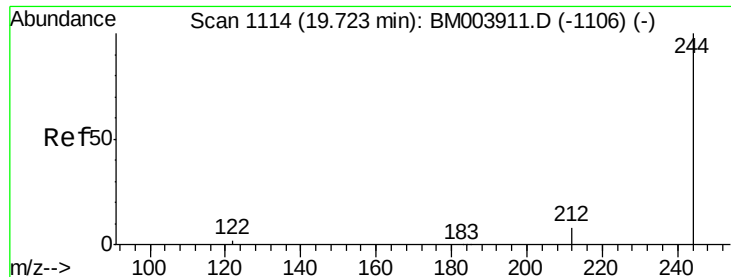
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#28
Pyrene
Concen: 4.07 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	14.0	21.0





#29

Terphenyl-d14

Concen: 3.98 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

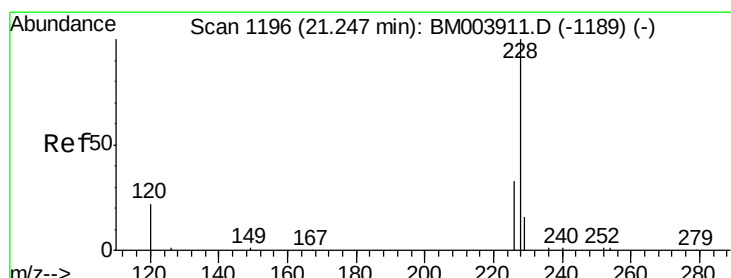
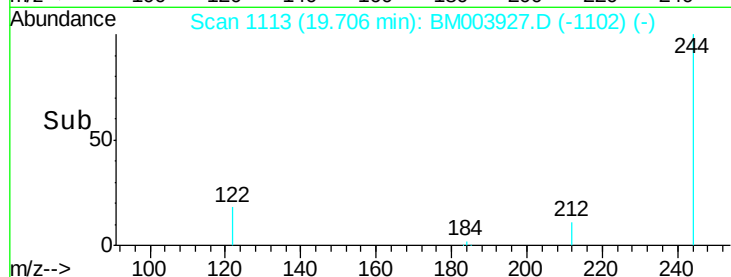
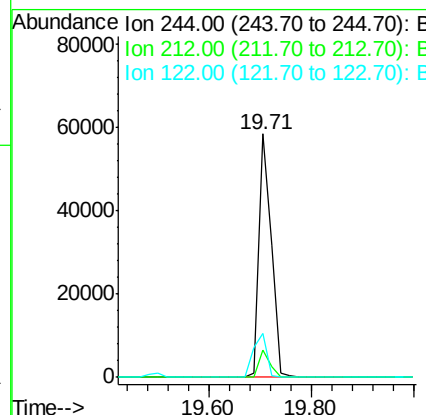
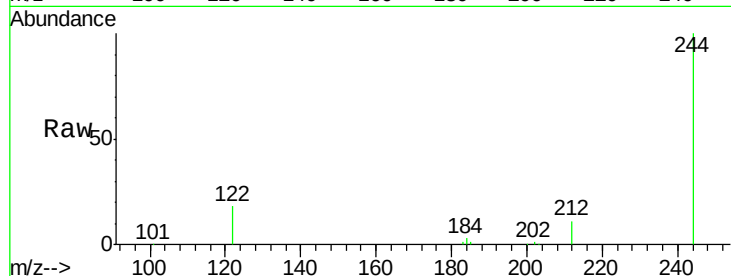
ClientSampleId :

PB87669BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.0	10.6#
122	17.9	3.0	4.6#

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#30

Benzo(a)anthracene

Concen: 4.02 ng

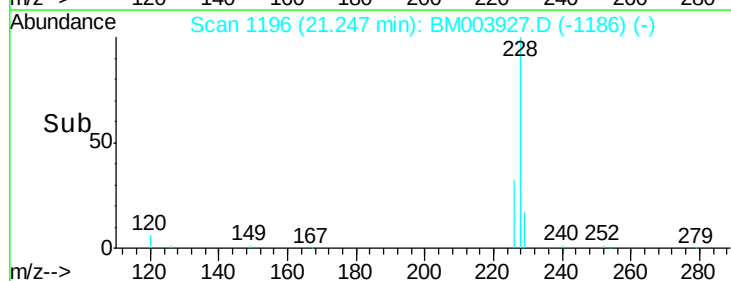
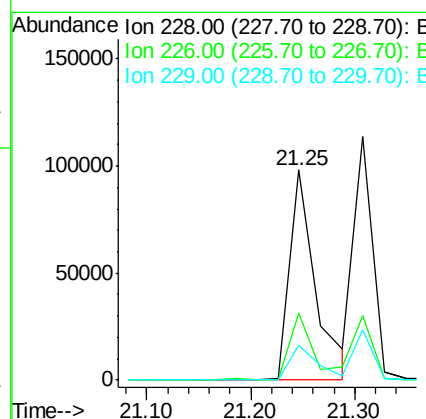
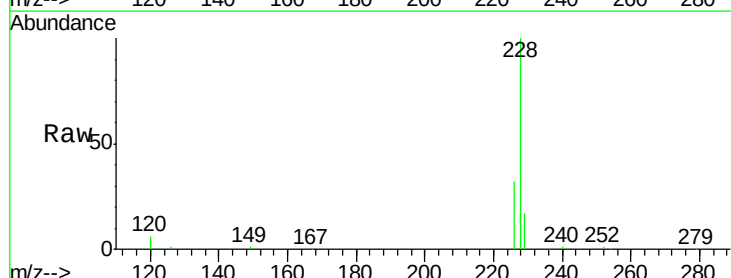
RT: 21.25 min Scan# 1196

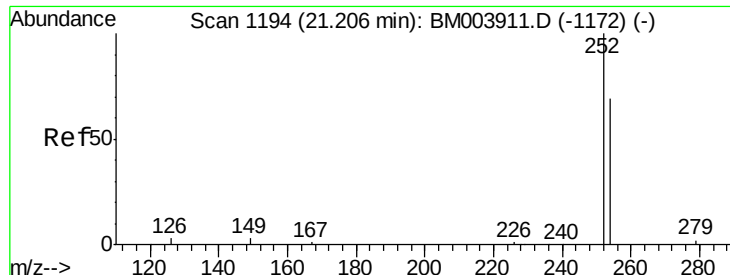
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	17.2	25.8#
229	16.7	18.7	28.1#





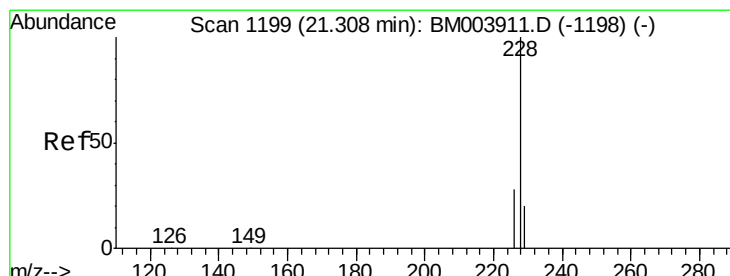
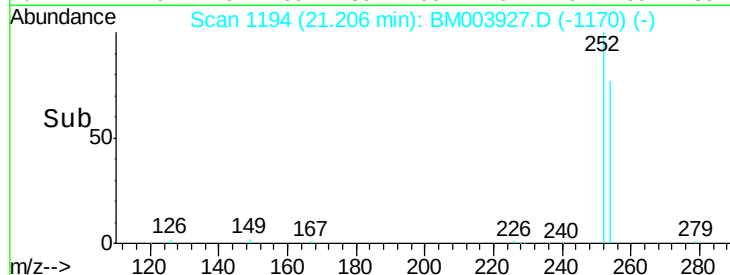
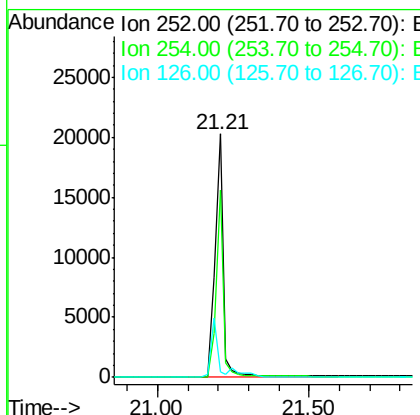
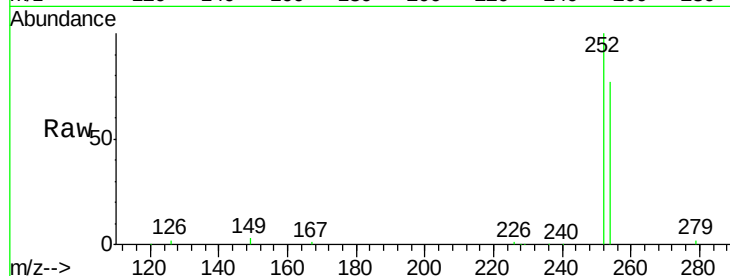
#31
 3,3'-Dichlorobenzidine
 Concen: 3.05 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB87669BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	76.7	52.6	79.0
126	2.5	3.7	5.5

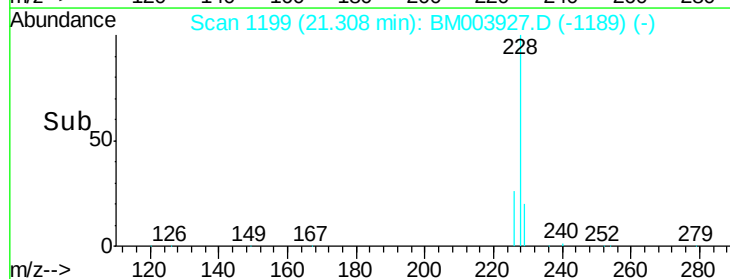
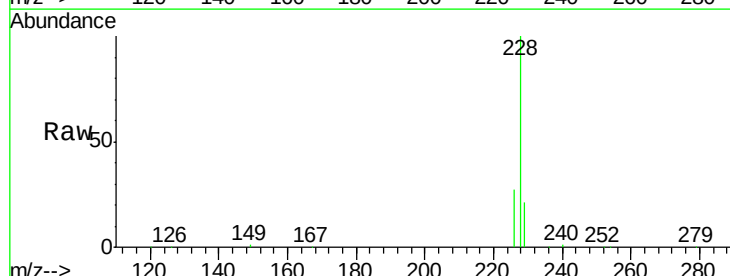
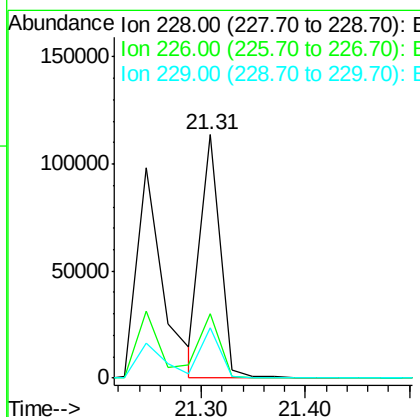
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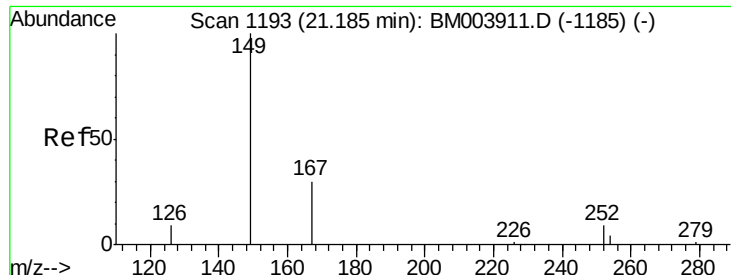
Sohil
 1/10/2016 9:50:09 AM



#32
 Chrysene
 Concen: 3.32 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	25.3	37.9
229	20.5	14.5	21.7





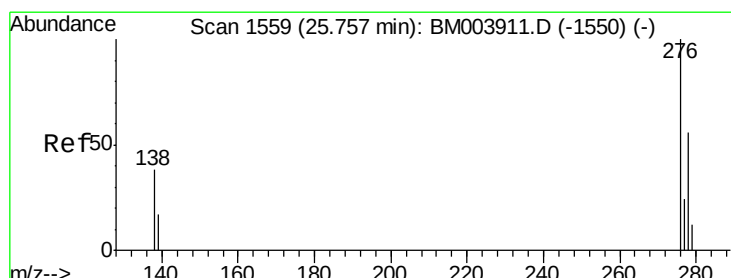
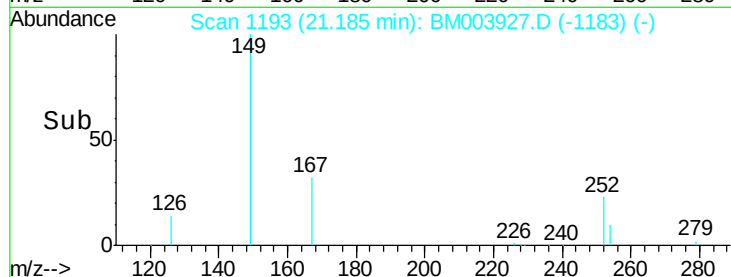
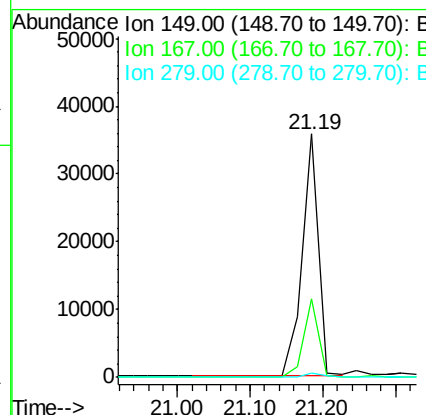
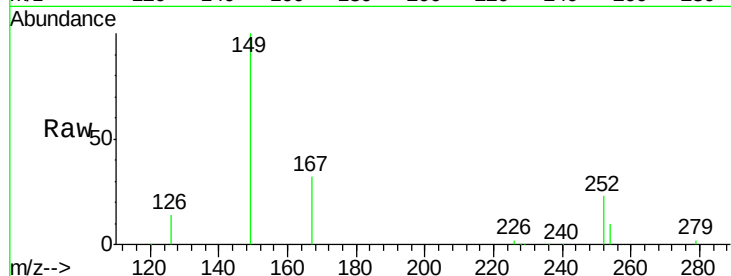
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.36 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB87669BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.4	20.1	30.1
279	1.9	0.0	0.0

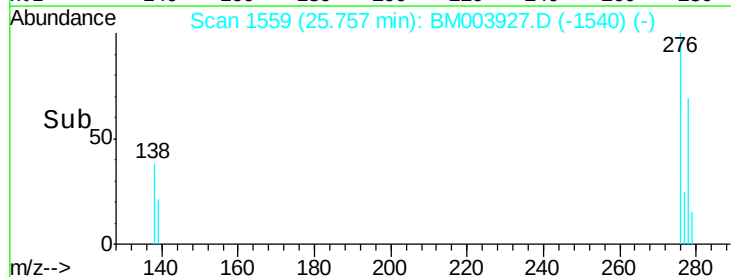
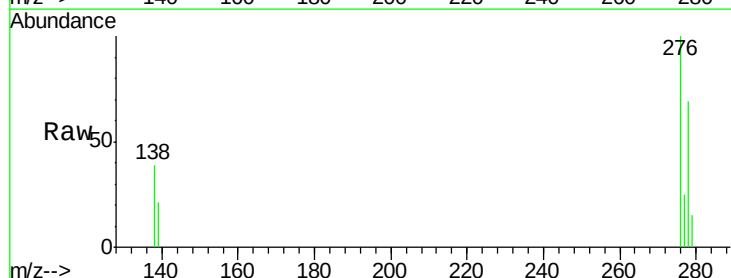
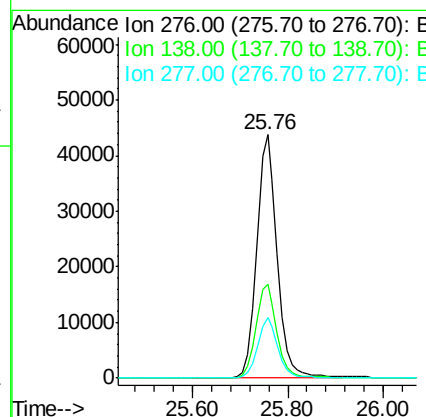
Manual Integrations
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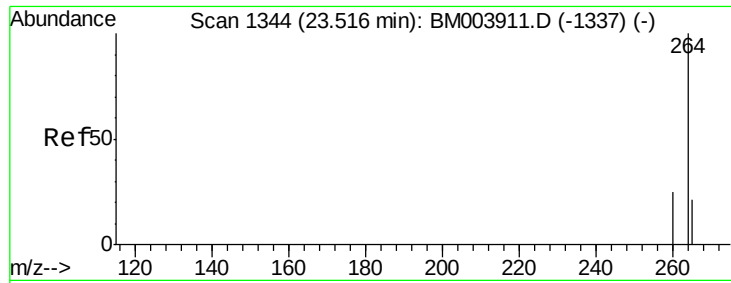
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 1/10/2016 9:50:09 AM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.14 ng
 RT: 25.76 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	39.2	30.2	45.2
277	24.7	19.8	29.8





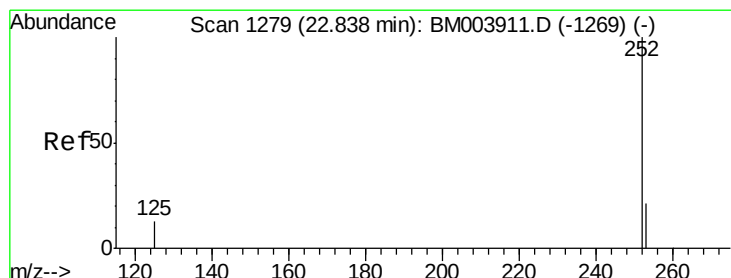
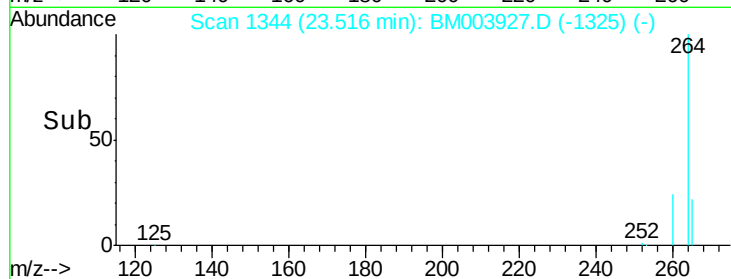
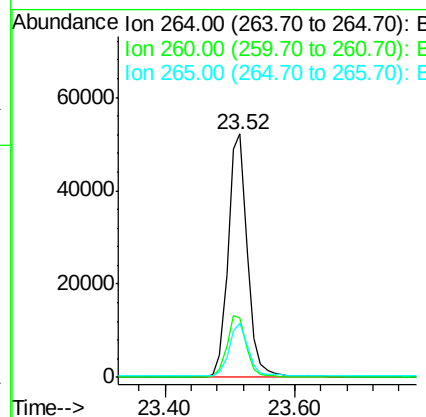
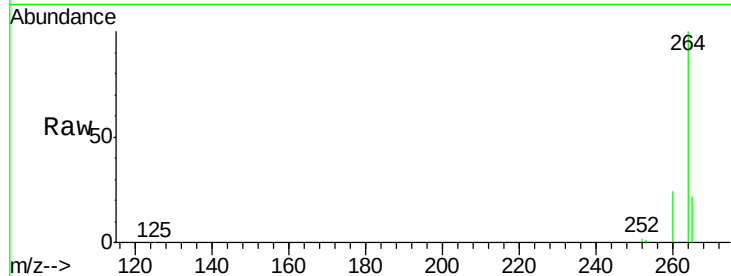
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB87669BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.2	31.8
265	22.4	16.7	25.1

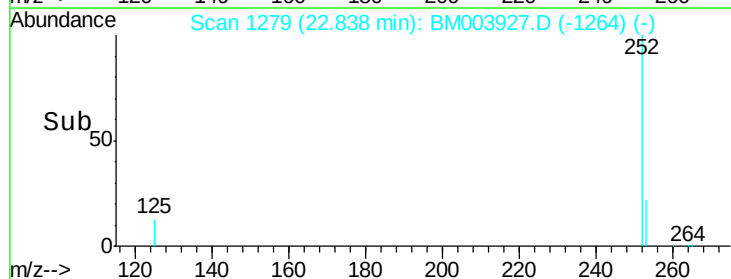
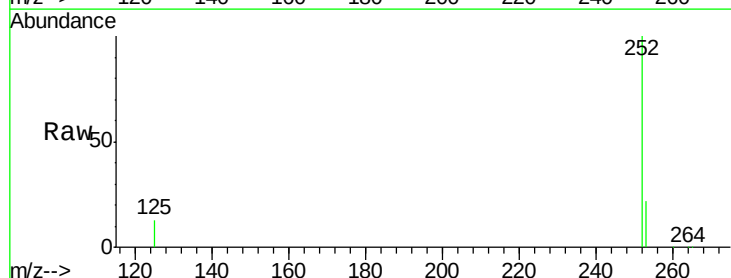
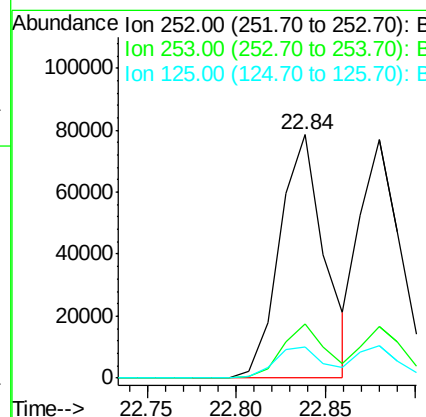
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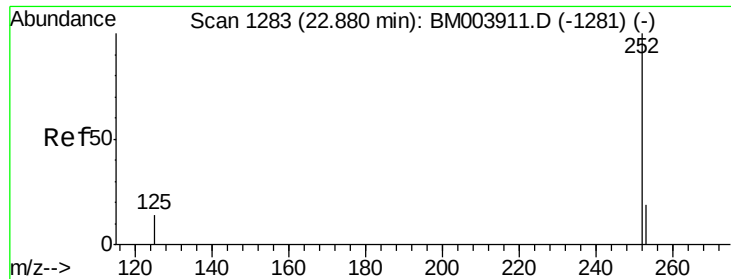
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#36
 Benzo(b)fluoranthene
 Concen: 4.20 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	13.0	10.2	15.4





#37

Benzo(k)fluoranthene

Concen: 3.94 ng

RT: 22.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_M

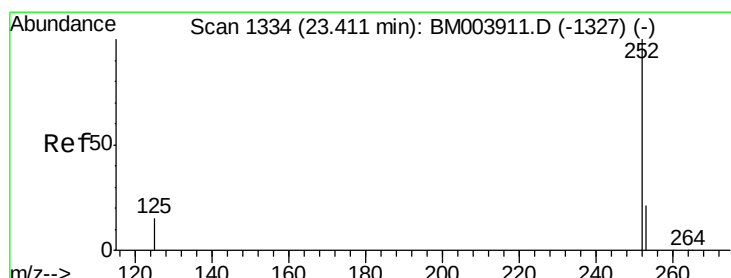
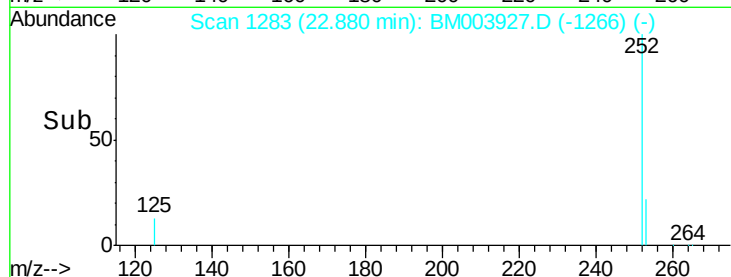
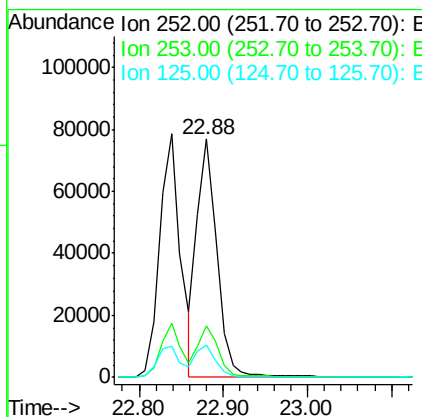
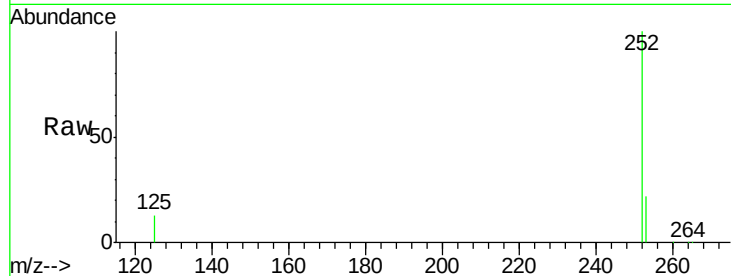
ClientSampleId :

PB87669BSD

Tot Ion:	252	Resp:	124092
Ion Ratio		Lower	Upper
252	100		
253	21.7	18.3	27.5
125	13.4	10.6	15.8

Manual Integrations
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#38

Benzo(a)pyrene

Concen: 4.35 ng

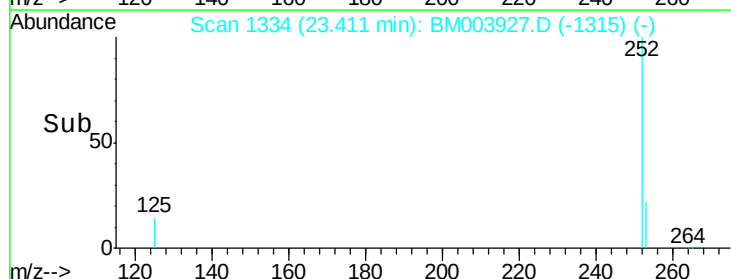
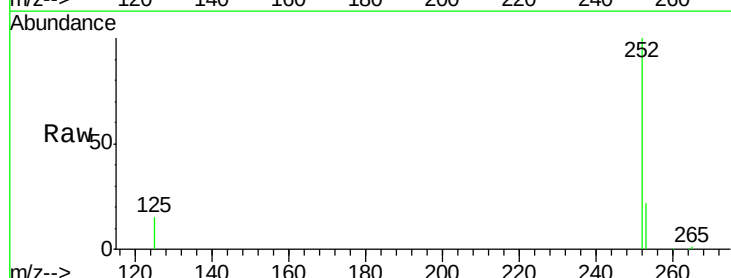
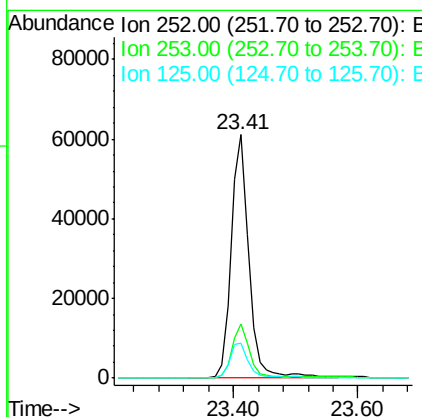
RT: 23.41 min Scan# 1334

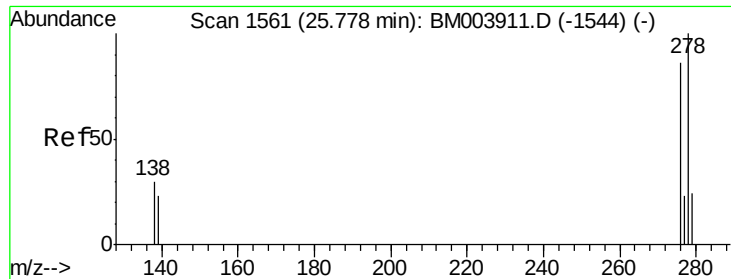
Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Tgt Ion:	252	Resp:	120542
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.7	28.1
125	14.6	11.8	17.8





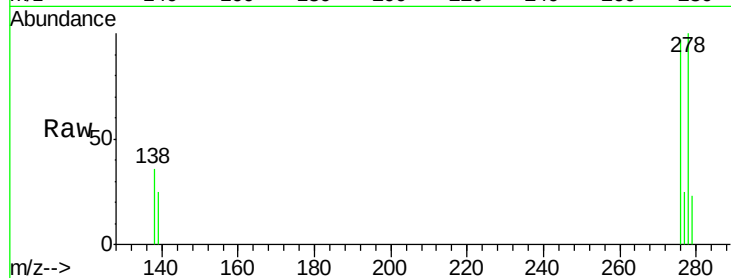
#39
Dibenzo(a,h)anthracene
Concen: 4.48 ng
RT: 25.77 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_M
ClientSampleId :
PB87669BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.0	28.6
279	23.3	19.6	29.4

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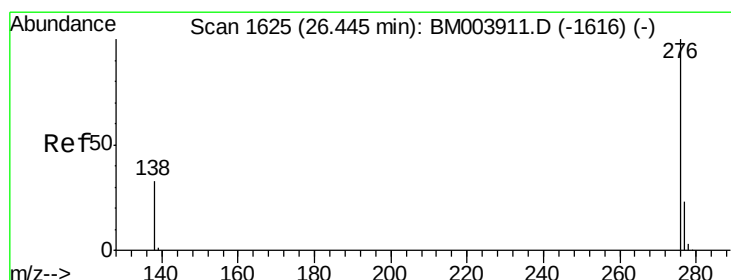
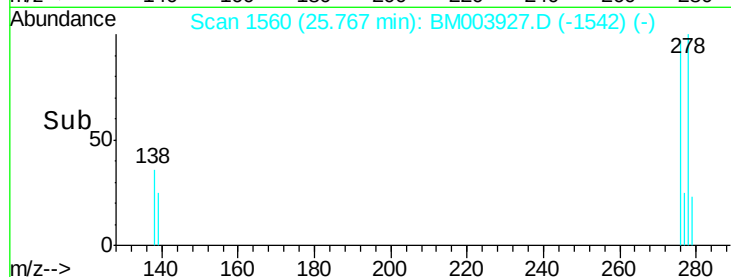
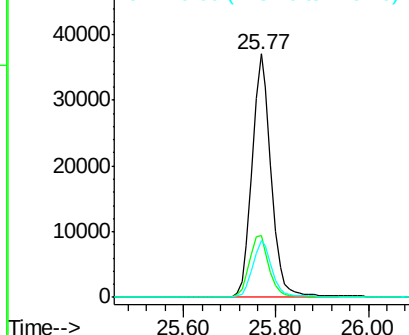


Abundance

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: 4.62 ng
RT: 26.44 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	32.7	25.0	37.4

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

