

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
 Data File : BM001055.D
 Acq On : 18 Apr 2015 11:00
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Manual Integrations
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 4/20/2015 4:34:21 PM

Quant Time: Apr 20 08:25:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM041815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 08:05:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	16721	5.00	ng	0.00
4) Naphthalene-d8	10.36	136	60092	5.00	ng	0.00
8) Acenaphthene-d10	14.24	164	31772	5.00	ng	0.00
13) Phenanthrene-d10	16.99	188	69451	5.00	ng	0.00
19) Chrysene-d12	21.19	240	59295	5.00	ng	0.00
25) Perylene-d12	23.36	264	53525	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.74	82	3190	1.02	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	10313	0.98	ng	0.00
21) Terphenyl-d14	19.63	244	7860	1.00	ng	0.00
Target Compounds						Ovalue
2) 1,4-Dioxane	3.08	88	1543m	0.82	ng	
3) n-Nitrosodimethylamine	3.41	42	1670	0.95	ng	# 99
6) Naphthalene	10.41	128	14131	0.99	ng	100
7) 2-Methylnaphthalene	12.04	142	9137	0.99	ng	99
10) Acenaphthylene	13.95	152	13914	0.99	ng	100
11) Acenaphthene	14.29	154	9311	0.95	ng	99
12) Fluorene	15.29	166	11146	0.98	ng	99
14) Hexachlorobenzene	16.31	284	3719	0.97	ng	# 100
15) Pentachlorophenol	16.64	266	660	0.75	ng	95
16) Phenanthrene	17.03	178	17830	0.97	ng	99
17) Anthracene	17.11	178	16671	0.98	ng	100
18) Fluoranthene	19.05	202	18560	0.97	ng	100
20) Pyrene	19.42	202	19521	0.99	ng	100
22) Benzo(a)anthracene	21.17	228	16859	0.98	ng	98
23) Chrysene	21.22	228	18204	1.01	ng	97
24) Indeno(1,2,3-cd)pyrene	25.52	276	18387	1.00	ng	100
26) Benzo(b)fluoranthene	22.70	252	16571	0.96	ng	99
27) Benzo(k)fluoranthene	22.74	252	17003	1.03	ng	98
28) Benzo(a)pyrene	23.25	252	14583	0.99	ng	99
29) Dibenzo(a,h)anthracene	25.53	278	14489	1.00	ng	100
30) Benzo(g,h,i)perylene	26.18	276	15530	0.99	ng	97

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

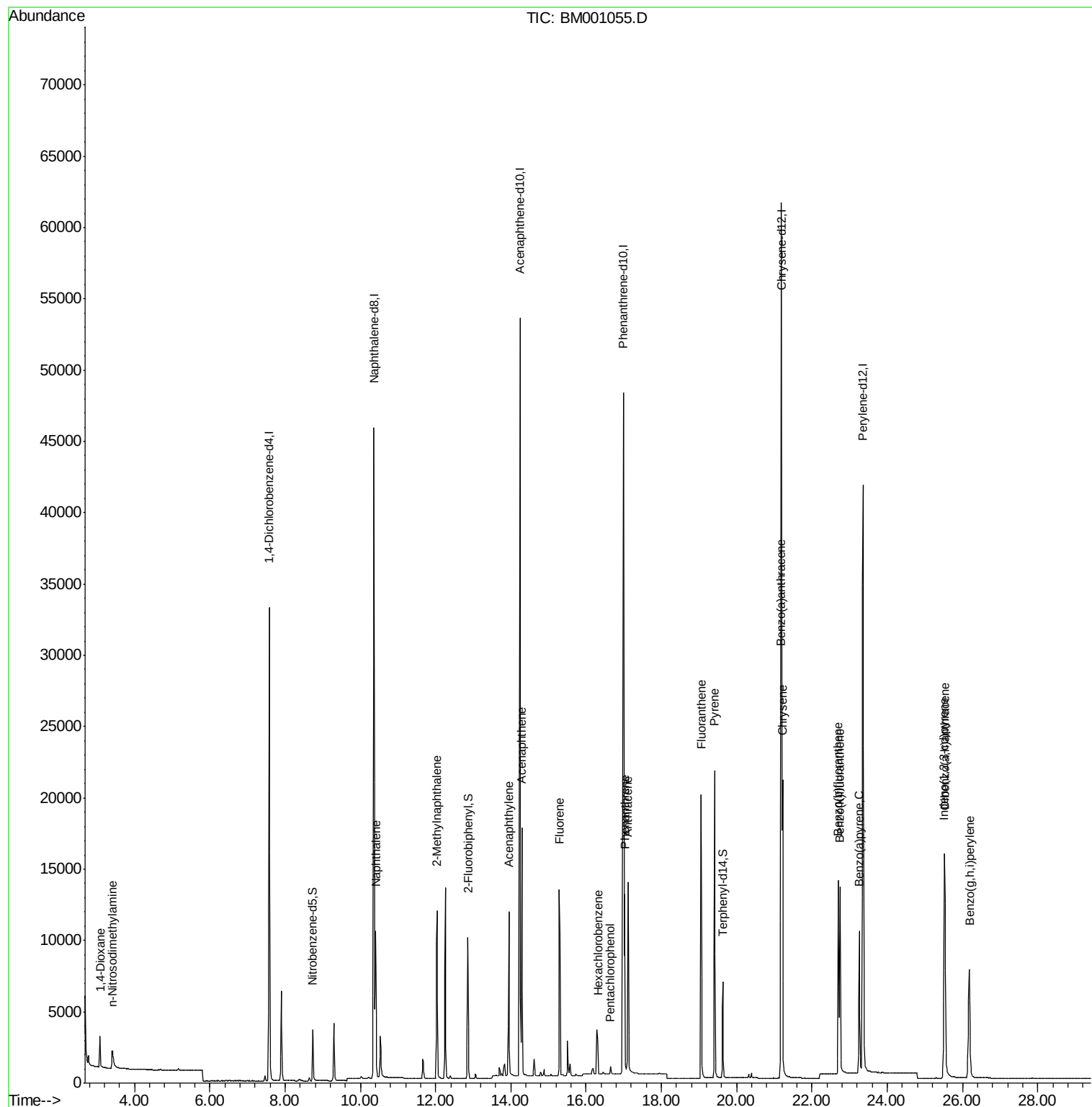
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
Data File : BM001055.D
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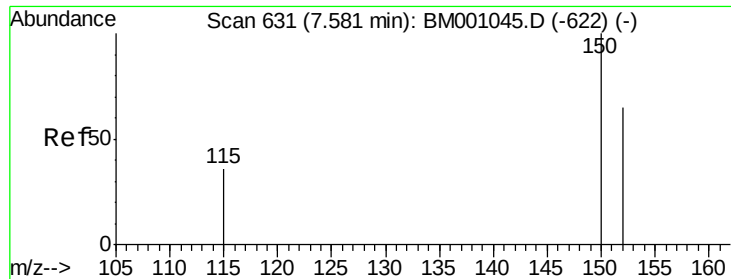
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Instrument :

BNA_M

ClientSampleId :

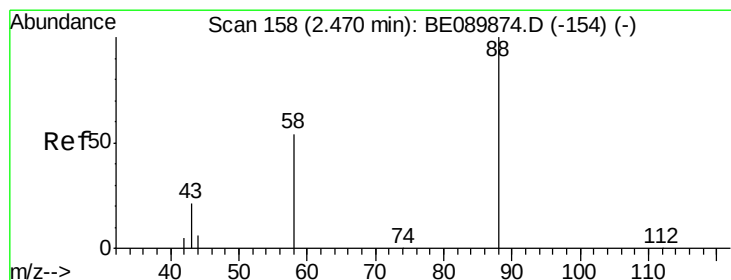
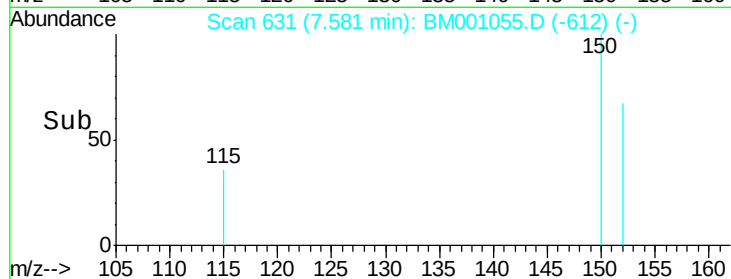
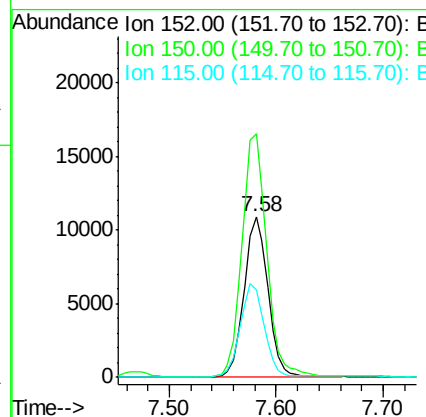
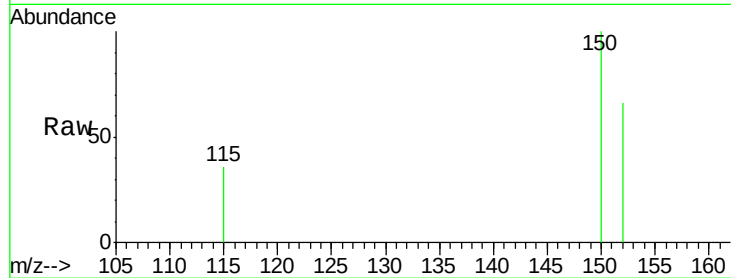
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Tot Ion:	152	Resp:	16721
Ion Ratio	Lower	Upper	
152	100		
150	151.7	123.3	184.9
115	54.4	45.0	67.6



#2

1,4-Dioxane

Concen: 0.82 ng m

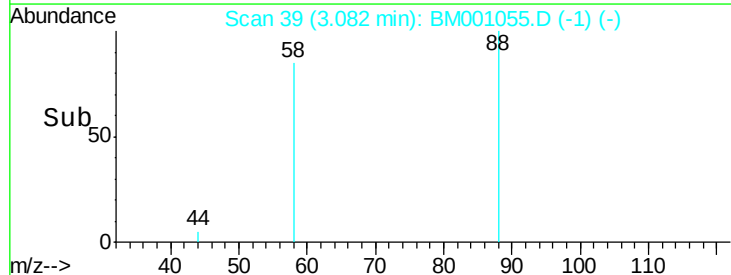
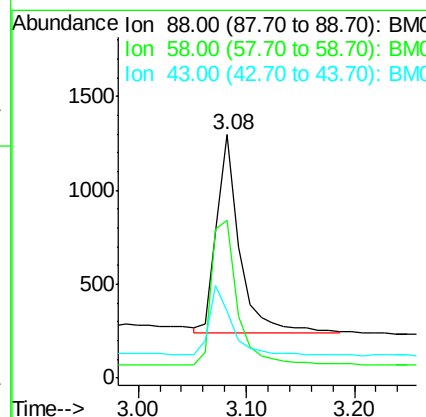
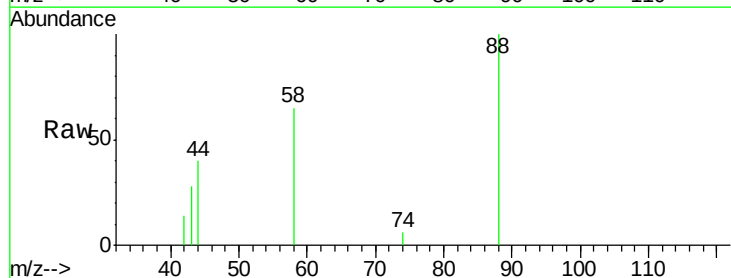
RT: 3.08 min Scan# 39

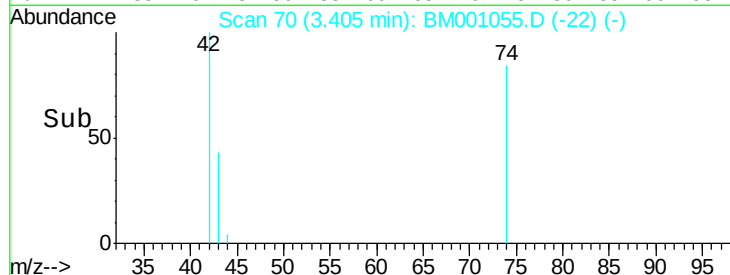
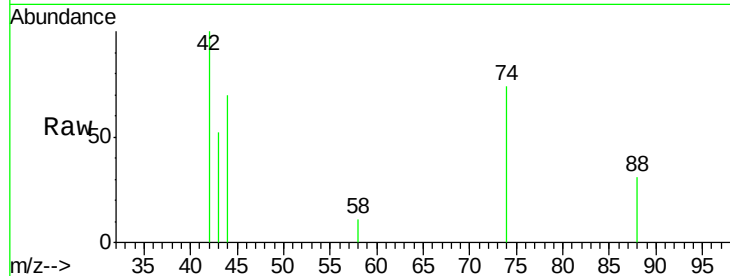
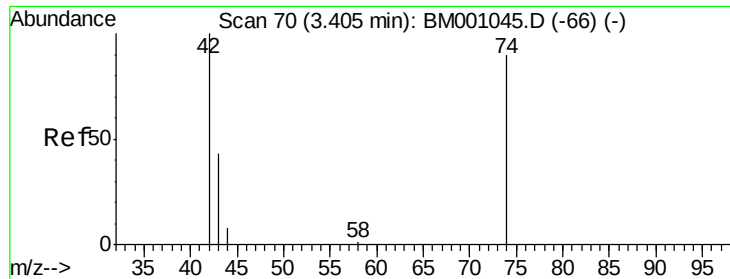
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	88	Resp:	1543
Ion Ratio	Lower	Upper	
88	100		
58	84.3	0.0	0.0#
43	33.5	0.0	0.0#





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.41 min Scan# 70

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tot Ion:	42	Resp:	1670
Ion Ratio	Lower	Upper	
42	100		
74	115.0	92.1	138.1
44	11.3	5.8	8.6#

Instrument :

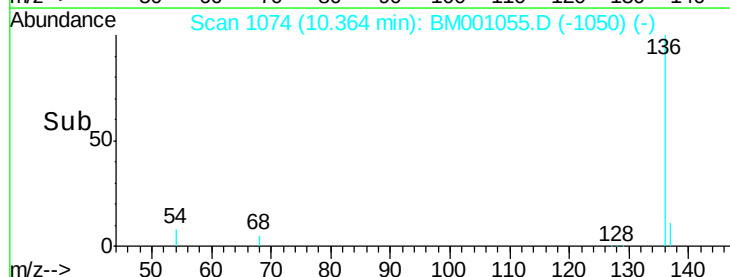
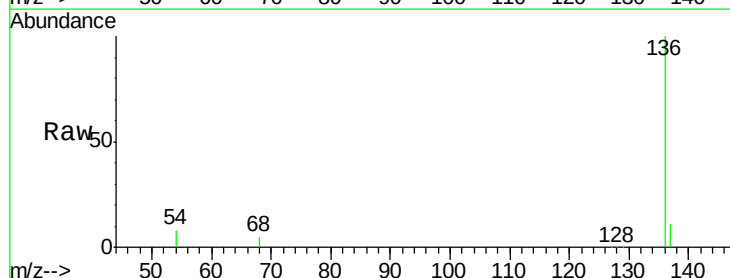
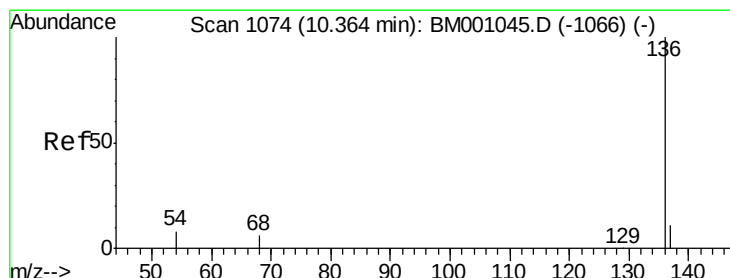
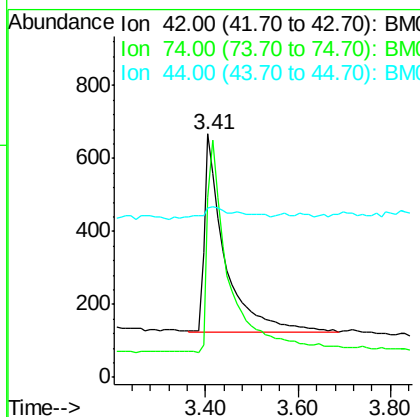
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#4

Naphthalene-d8

Concen: 5.00 ng

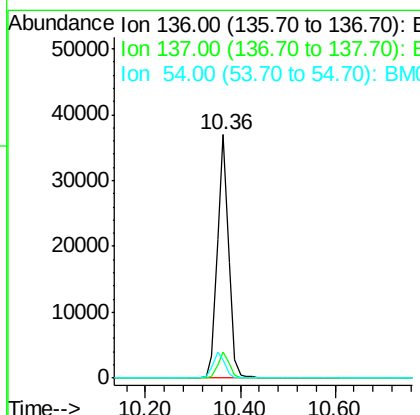
RT: 10.36 min Scan# 1074

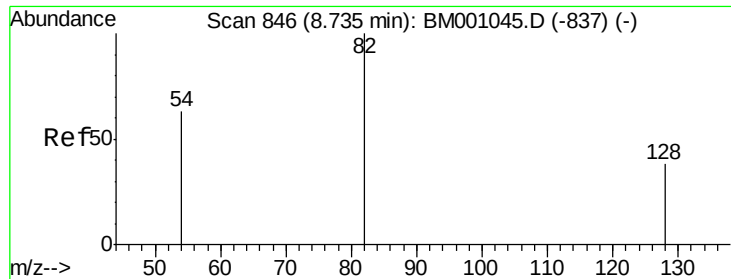
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	136	Resp:	60092
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	7.6	6.5	9.7





#5

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.74 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Instrument :

BNA_M

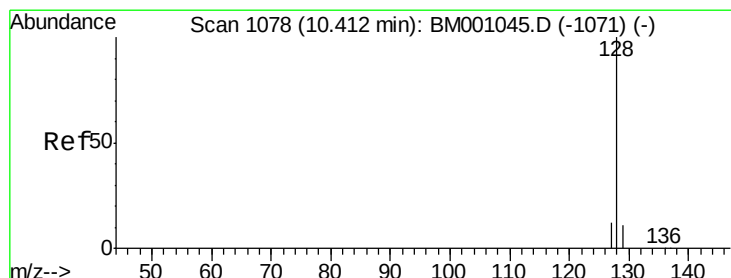
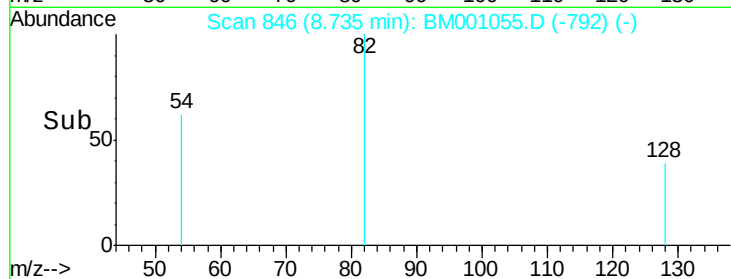
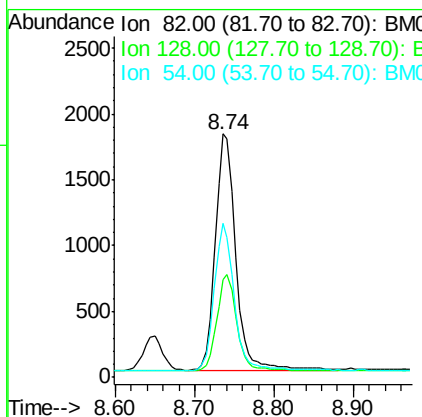
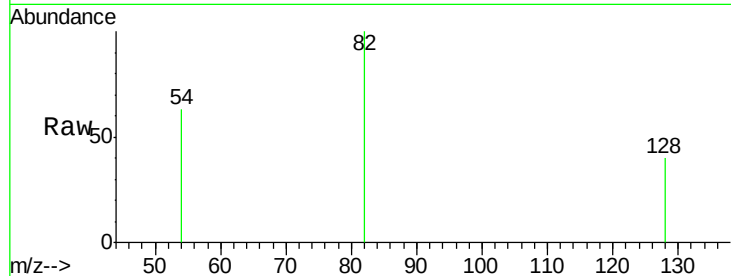
ClientSampleId :

SSTDCCC001EC

Tot Ion:	82	Resp:	3190
Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.9	47.9
54	63.2	51.3	76.9

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#6

Naphthalene

Concen: 0.99 ng

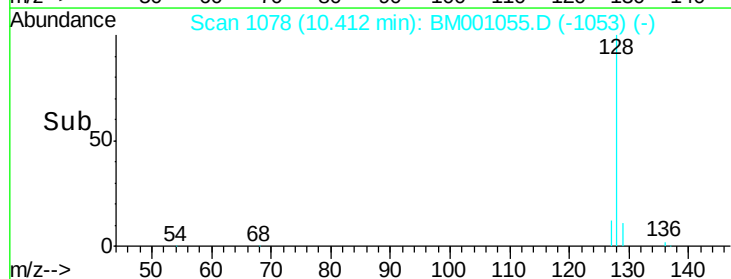
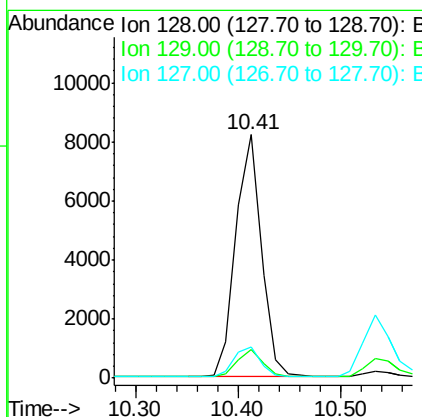
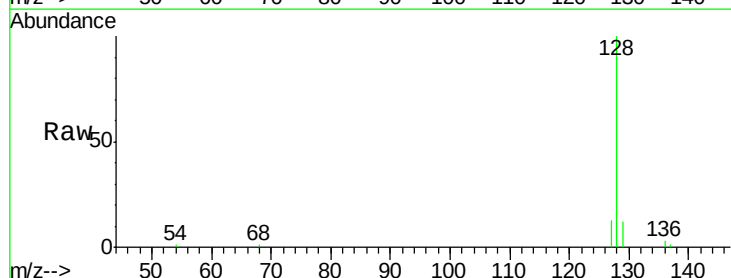
RT: 10.41 min Scan# 1078

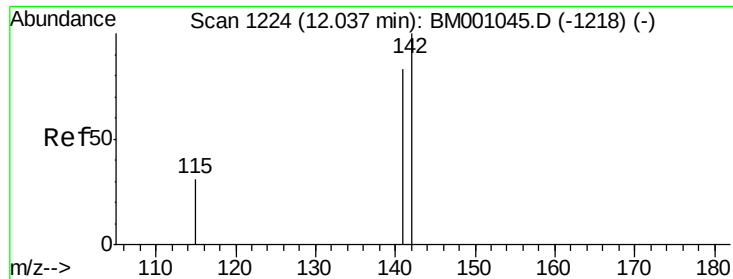
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	128	Resp:	14131
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	12.5	10.0	15.0





#7

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.04 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Instrument :

BNA_M

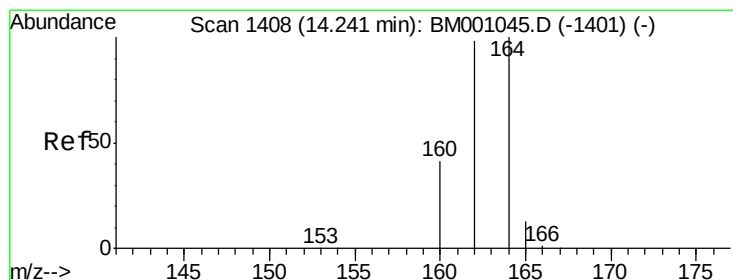
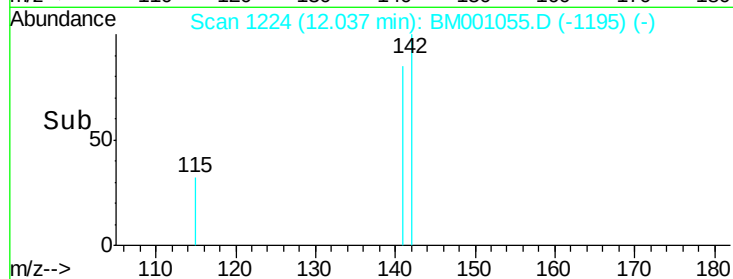
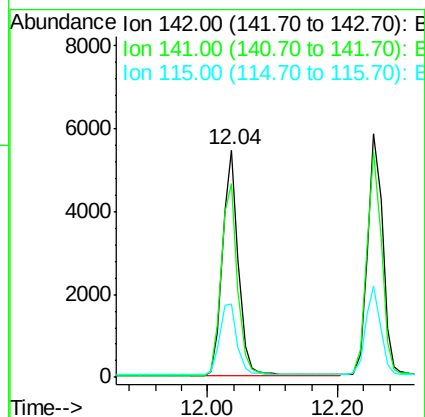
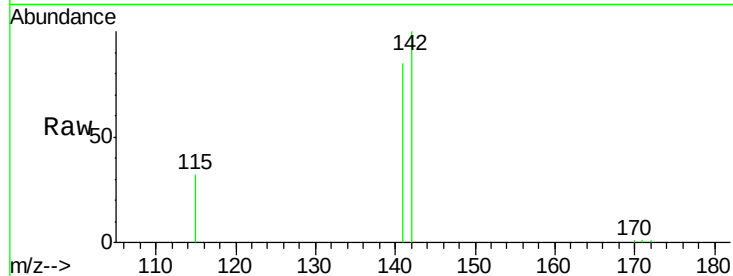
ClientSampleId :

SSTDCCC001EC

Tot Ion:	142	Resp:	9137
Ion	Ratio	Lower	Upper
142	100		
141	85.0	66.7	100.1
115	32.2	25.5	38.3

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#8

Acenaphthene-d10

Concen: 5.00 ng

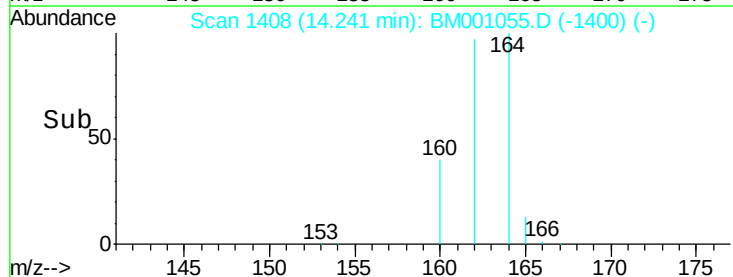
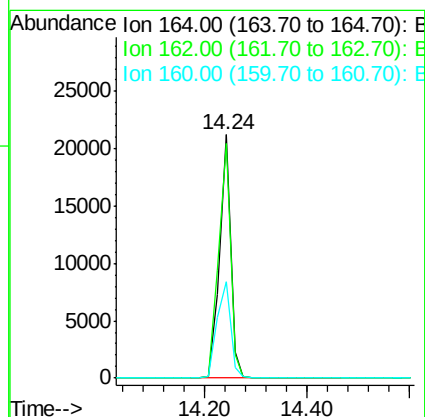
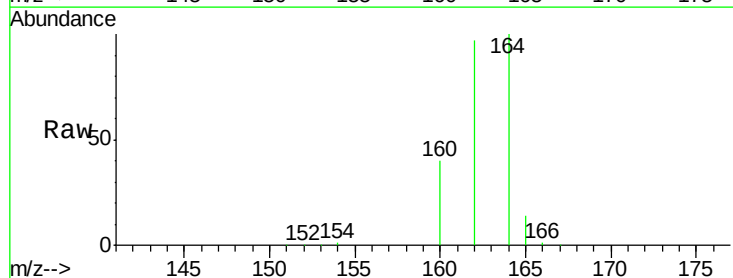
RT: 14.24 min Scan# 1408

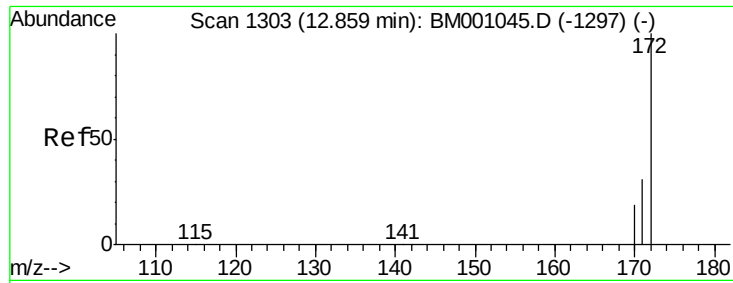
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	164	Resp:	31772
Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.5	117.7
160	39.9	32.9	49.3





#9

2-Fluorobiphenyl

Concen: 0.98 ng

RT: 12.86 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Instrument :

BNA_M

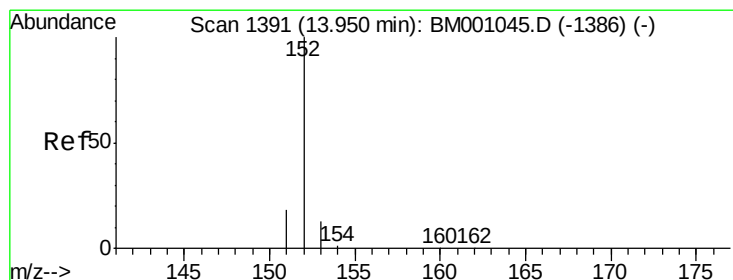
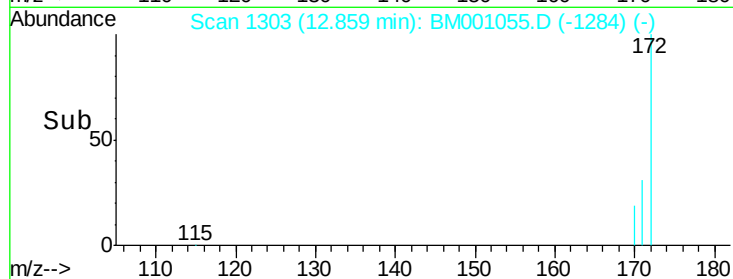
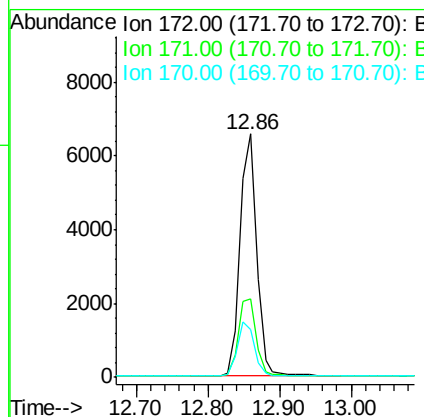
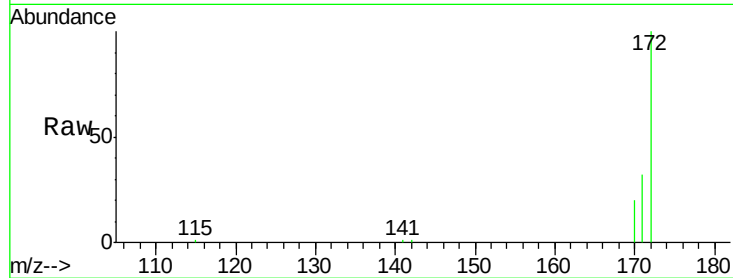
ClientSampleId :

SSTDCCC001EC

Tot Ion:	172	Resp:	10313
Ion Ratio	Lower	Upper	
172	100		
171	32.1	25.6	38.4
170	19.9	15.8	23.6

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#10

Acenaphthylene

Concen: 0.99 ng

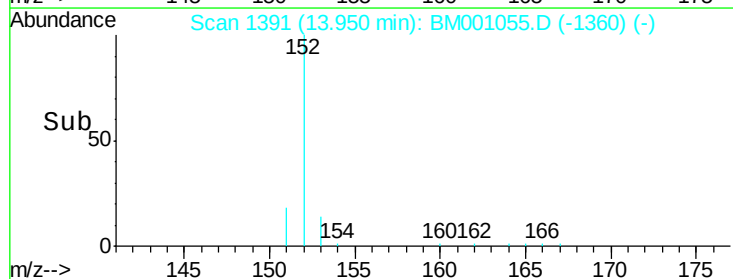
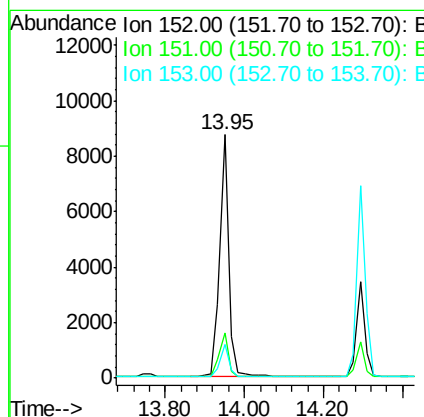
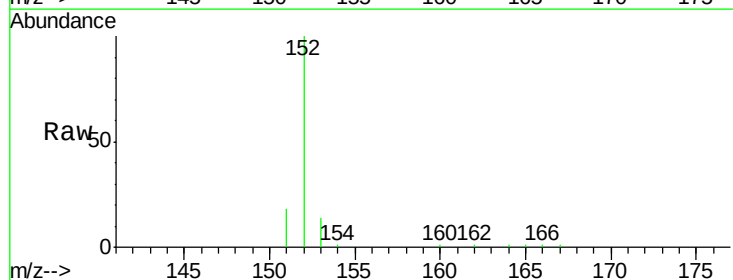
RT: 13.95 min Scan# 1391

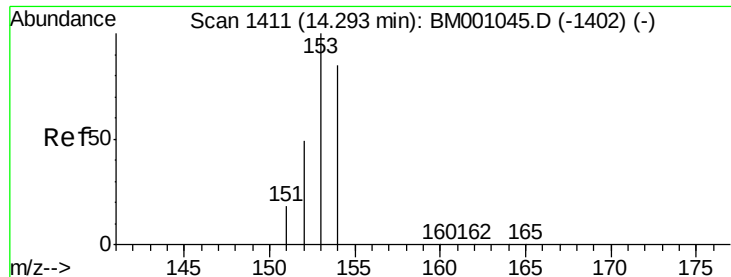
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	152	Resp:	13914
Ion Ratio	Lower	Upper	
152	100		
151	18.5	14.7	22.1
153	12.9	10.2	15.2





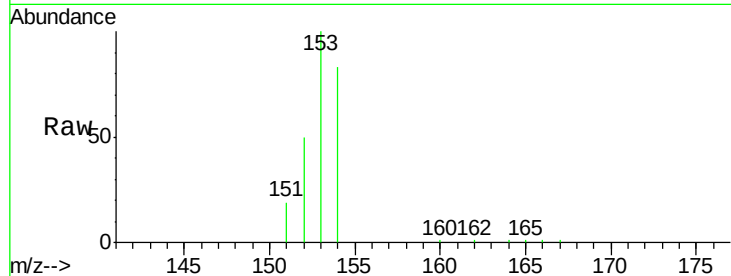
#11
Acenaphthene
Concen: 0.95 ng
RT: 14.29 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

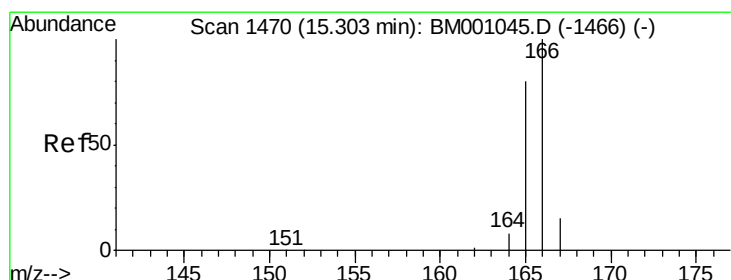
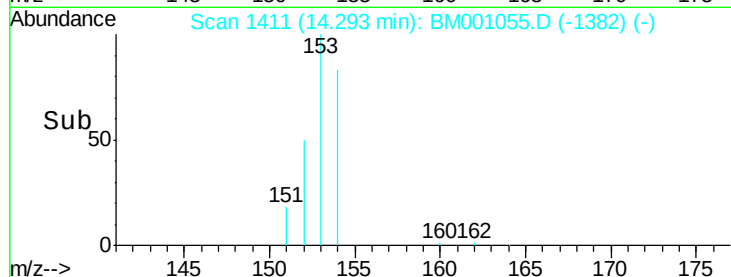
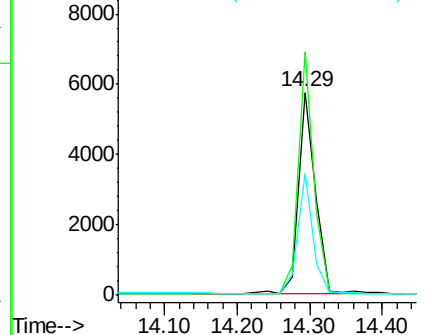
Tot Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.1	132.1
152	54.0	42.3	63.5

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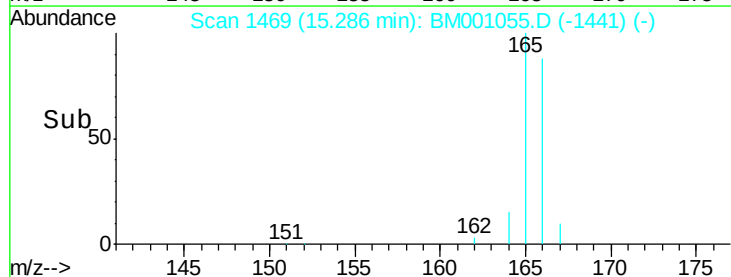
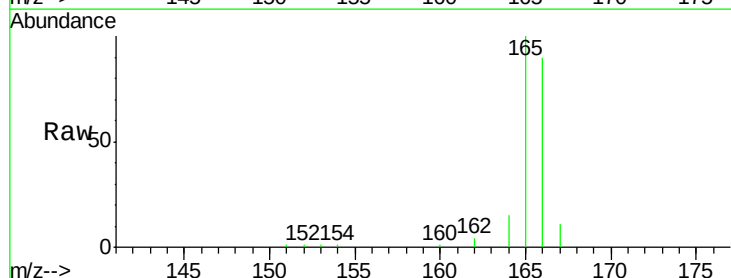
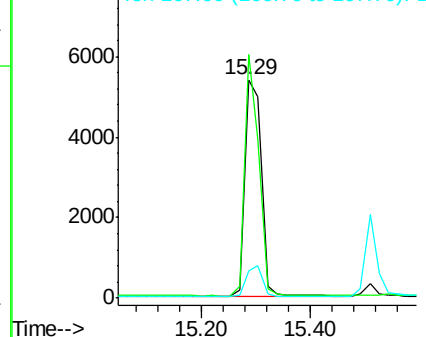
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

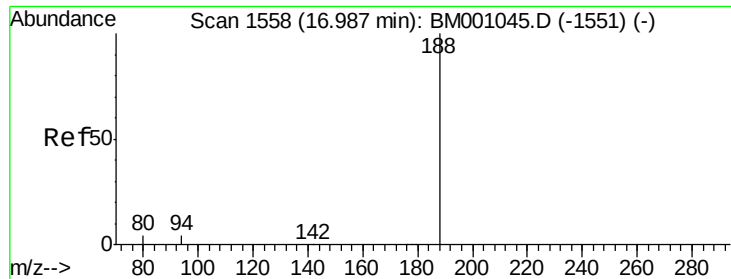


#12
Fluorene
Concen: 0.98 ng
RT: 15.29 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.6	116.4
167	13.4	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





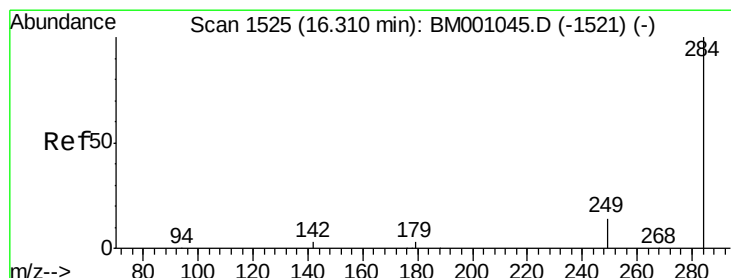
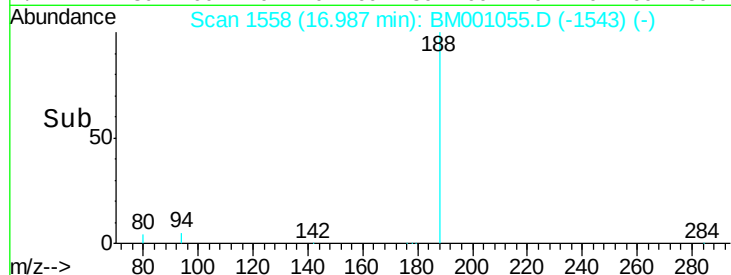
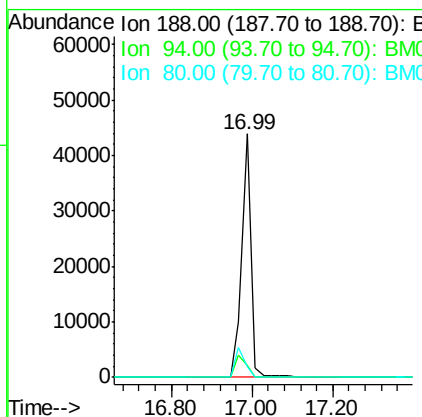
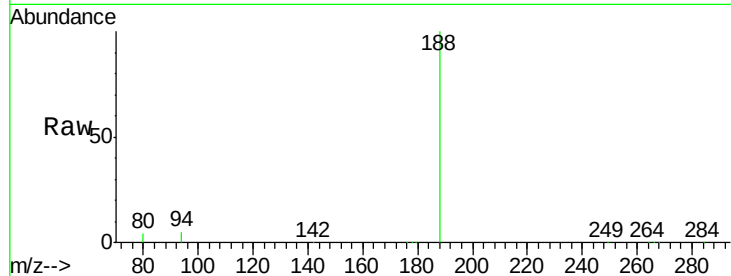
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.99 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:188	Resp:	69451
Ion Ratio	Lower	Upper
188 100		
94 4.7	3.6	5.4
80 4.2	3.0	4.6

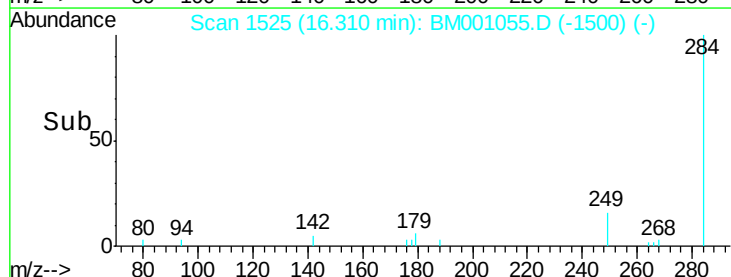
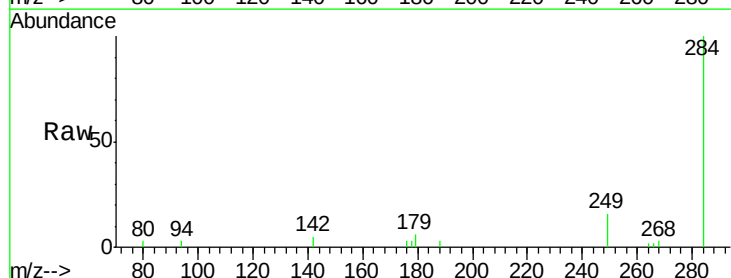
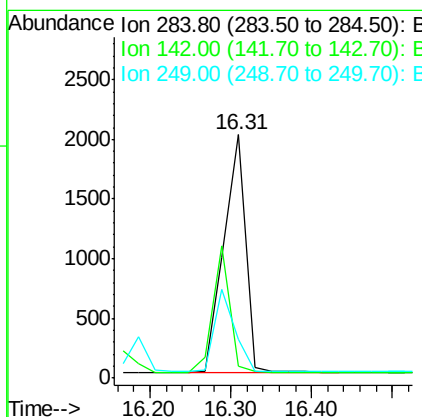
Manual Integrations
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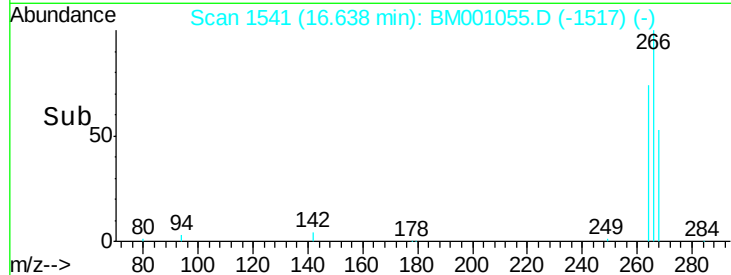
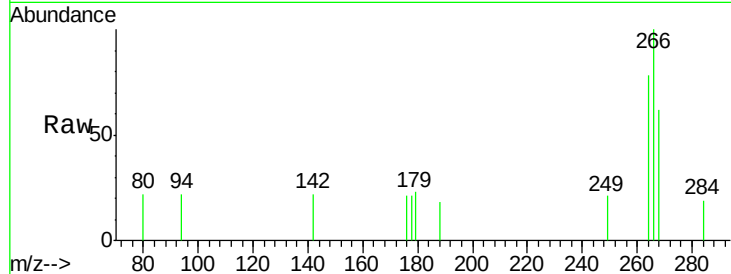
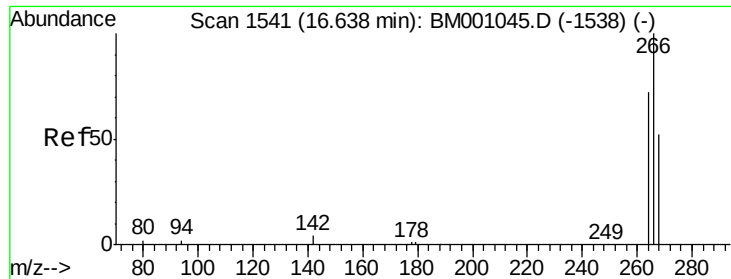
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#14
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion:284	Resp:	3719
Ion Ratio	Lower	Upper
284 100		
142 0.0	0.0	0.0
249 0.0	0.0	0.0





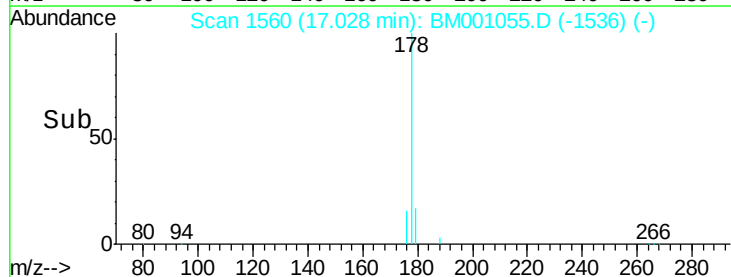
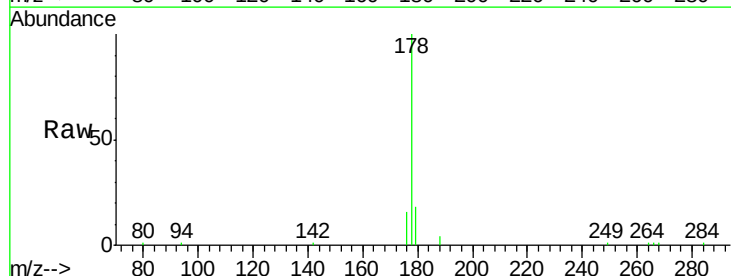
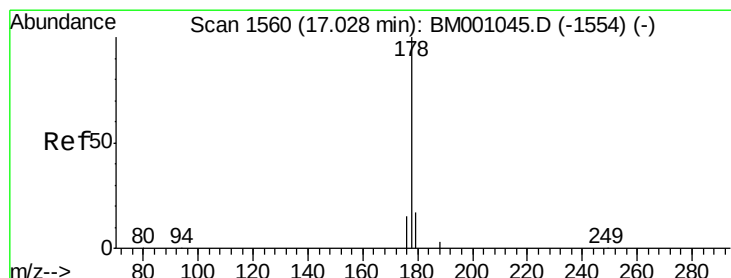
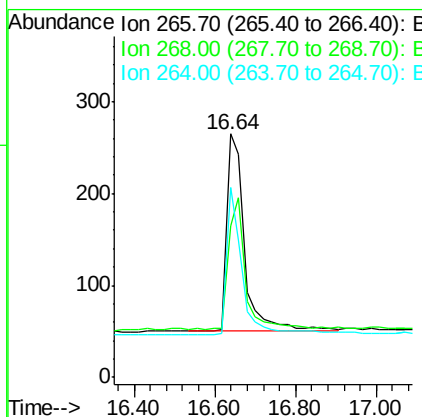
#15
 Pentachlorophenol
 Concen: 0.75 ng
 RT: 16.64 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BM001055.D
 Acq: 18 Apr 2015 11:00

Tot Ion:	266	Resp:	660
Ion Ratio	Lower	Upper	
266	100		
268	62.3	46.3	69.5
264	78.1	59.8	89.6

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

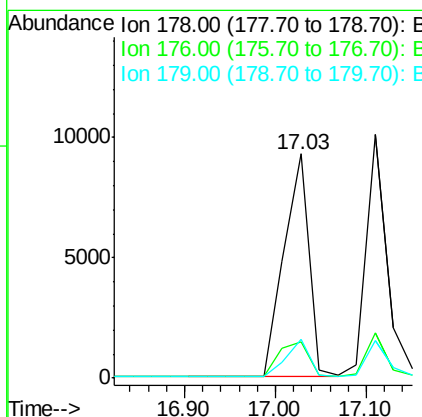
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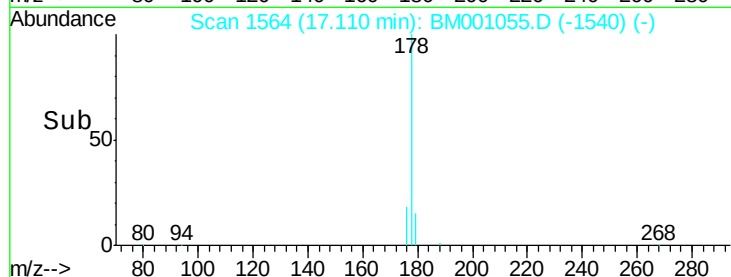
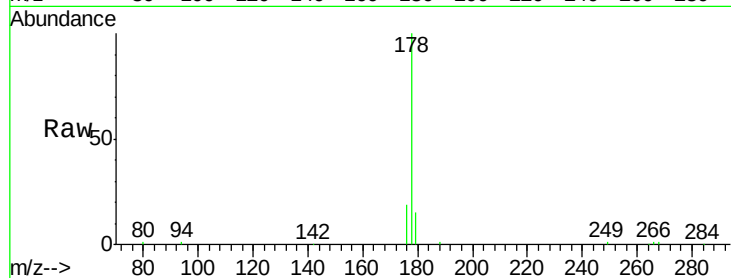
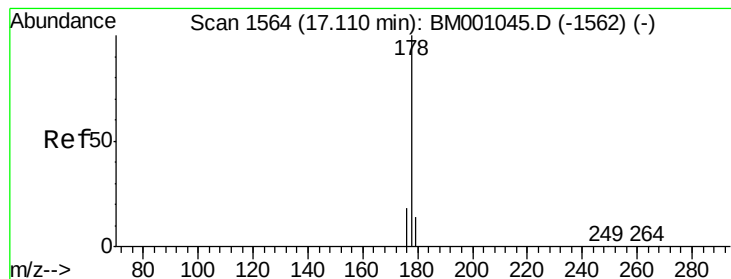
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#16
 Phenanthrene
 Concen: 0.97 ng
 RT: 17.03 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM001055.D
 Acq: 18 Apr 2015 11:00

Tgt Ion:	178	Resp:	17830
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.6	22.0
179	15.8	12.6	19.0





#17

Anthracene

Concen: 0.98 ng

RT: 17.11 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tot Ion:	178	Resp:	16671
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.3	21.5
179	15.0	11.8	17.8

Instrument :

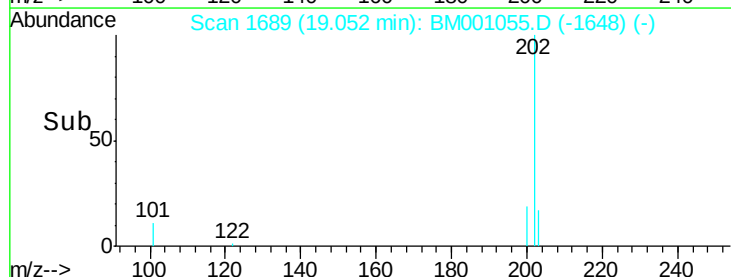
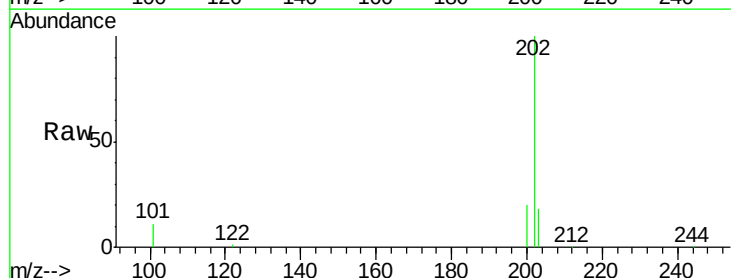
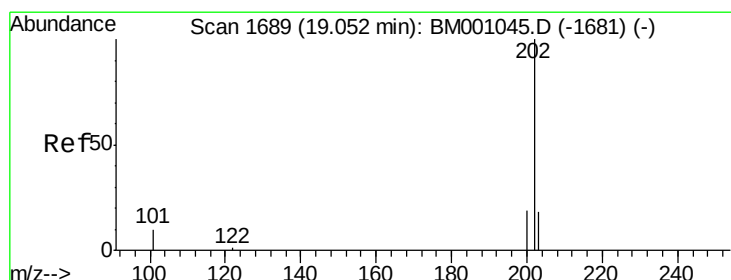
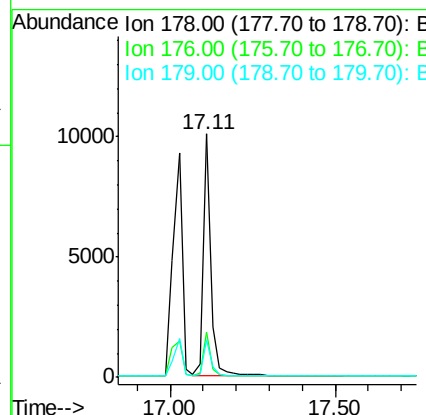
BNA_M

ClientSampleId :

SSTDCCC001EC

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#18

Fluoranthene

Concen: 0.97 ng

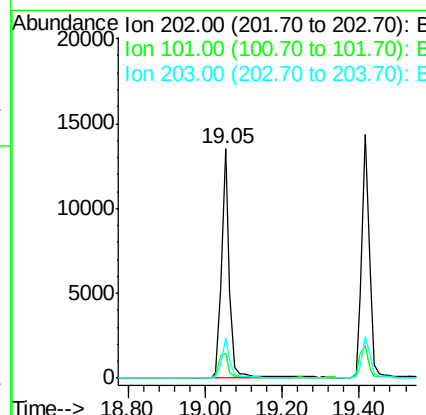
RT: 19.05 min Scan# 1689

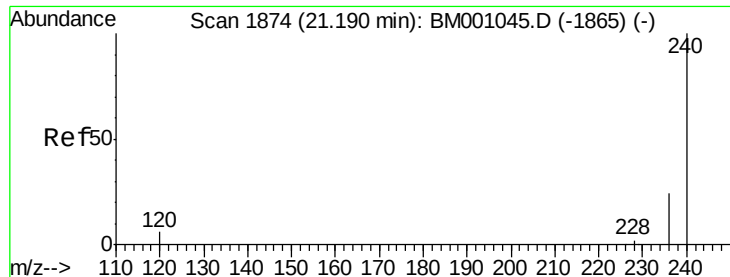
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	202	Resp:	18560
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.1	15.1
203	17.3	13.8	20.8





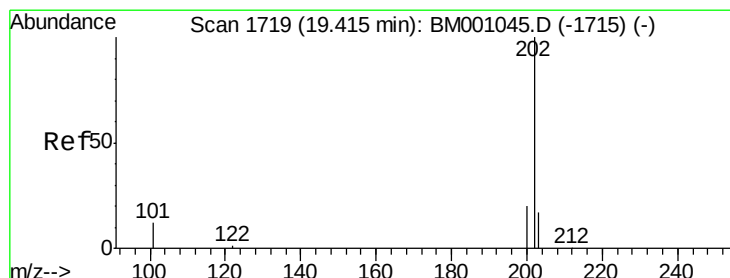
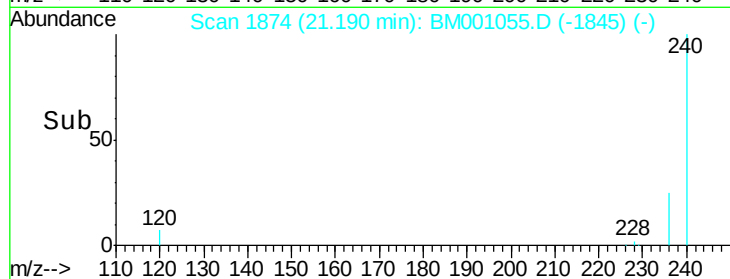
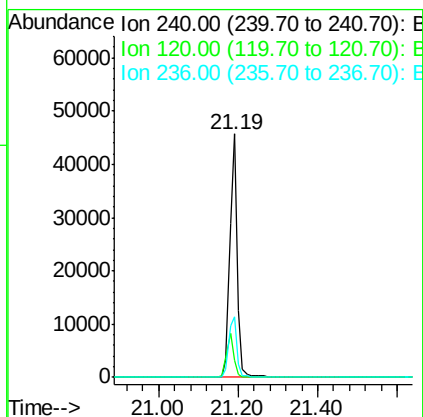
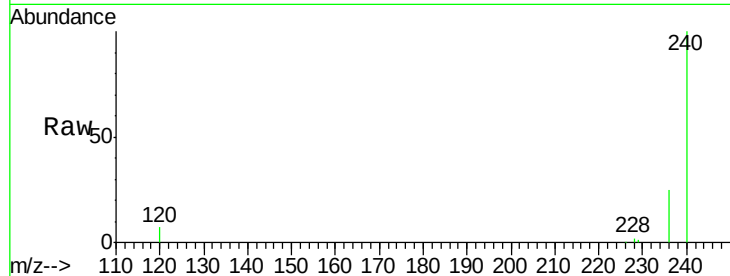
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.6	6.8#
236	24.9	19.1	28.7

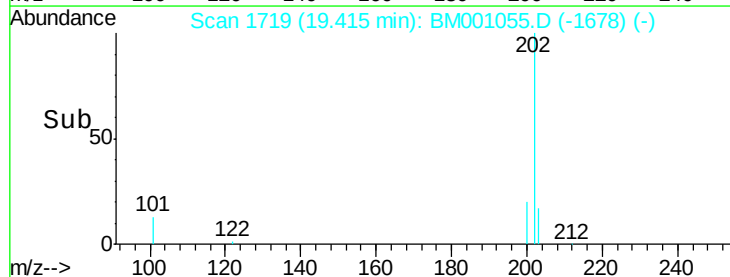
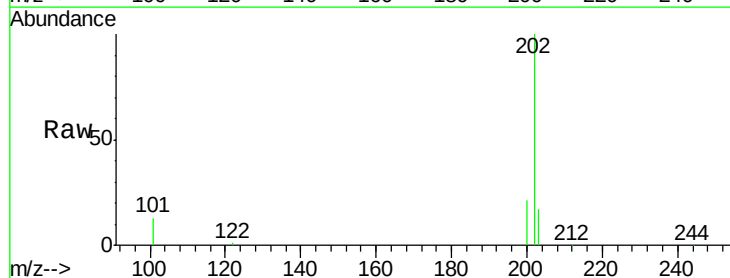
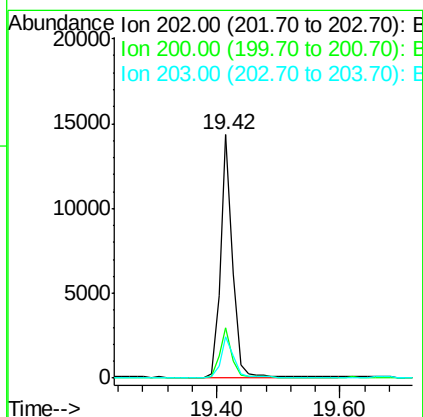
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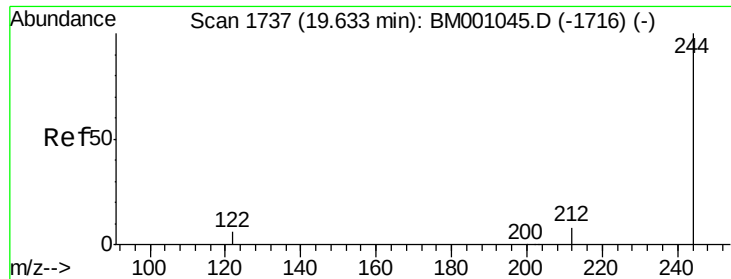
apatel
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#20
Pyrene
Concen: 0.99 ng
RT: 19.42 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.2	13.8	20.6





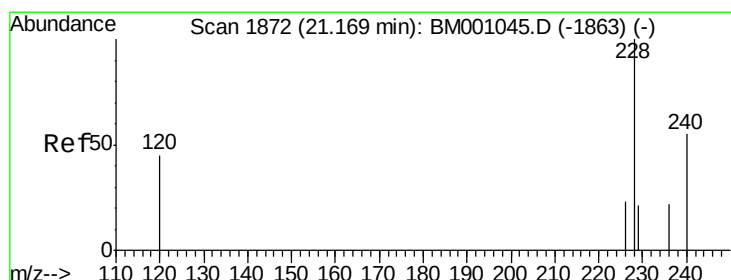
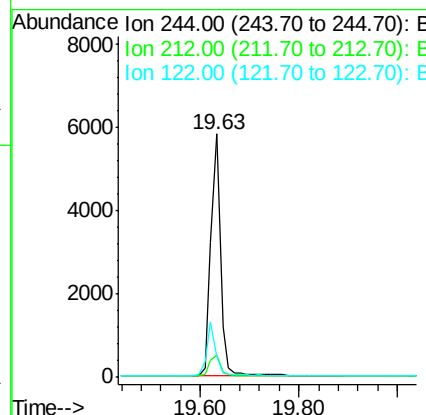
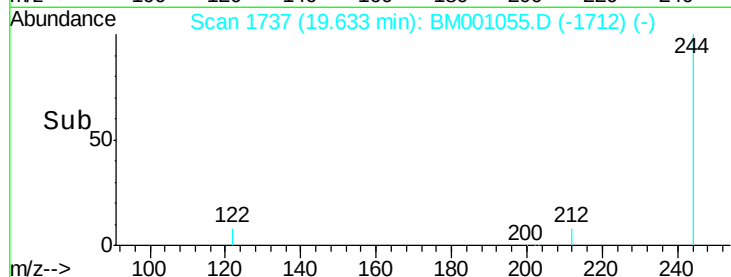
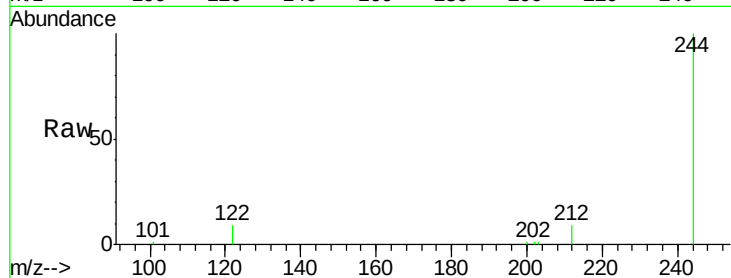
#21
 Terphenyl-d14
 Concen: 1.00 ng
 RT: 19.63 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BM001055.D
 Acq: 18 Apr 2015 11:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	8.8	5.9	8.9

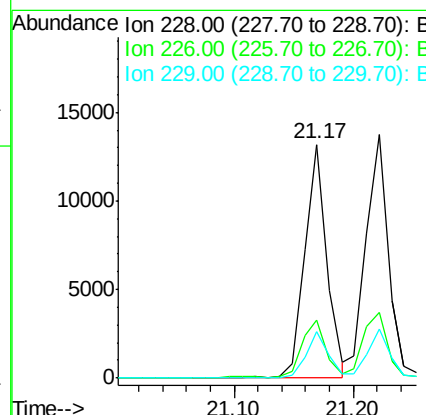
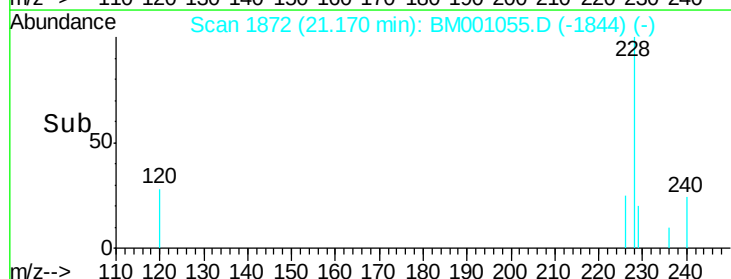
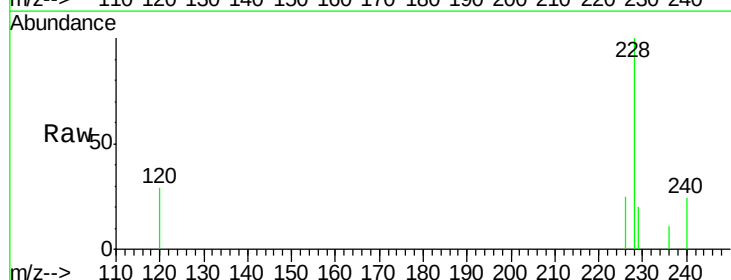
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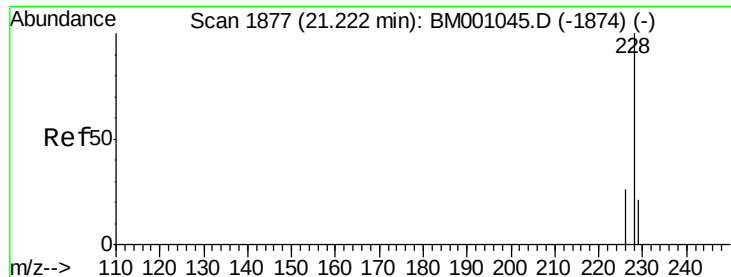
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#22
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.17 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BM001055.D
 Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.0	19.0	28.6
229	20.1	16.8	25.2





#23

Chrysene

Concen: 1.01 ng

RT: 21.22 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Instrument :

BNA_M

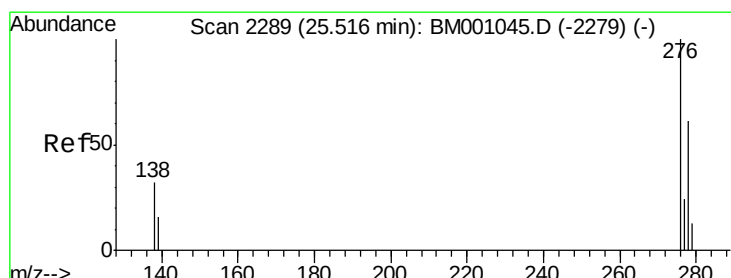
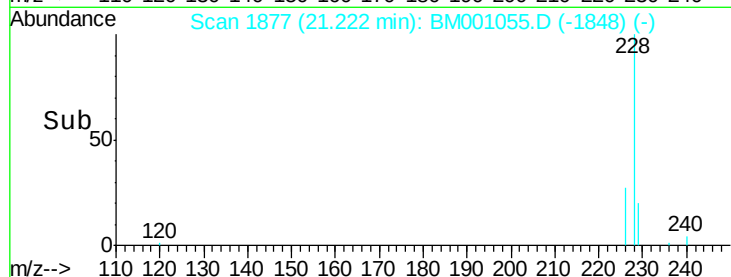
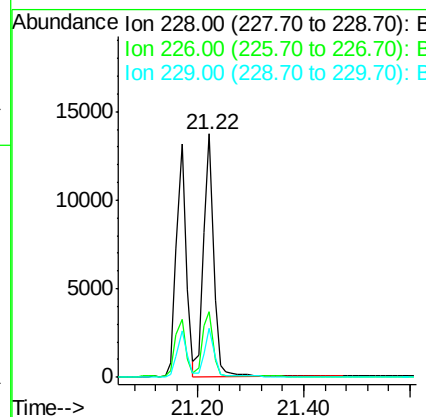
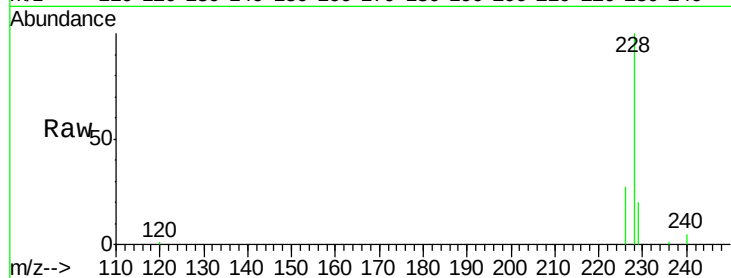
ClientSampleId :

SSTDCCC001EC

Tot Ion:	228	Resp:	18204
Ion Ratio	Lower	Upper	
228	100		
226	27.2	20.6	31.0
229	20.2	17.2	25.8

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

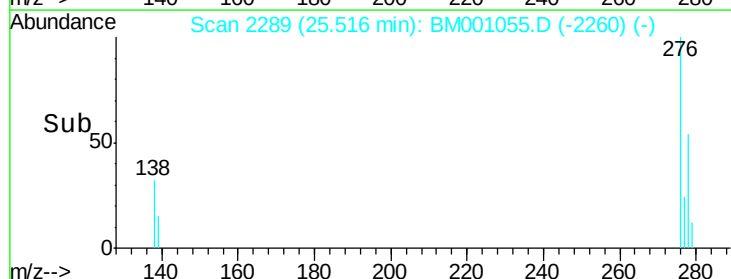
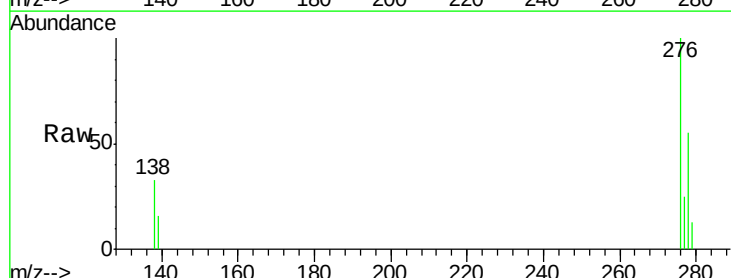
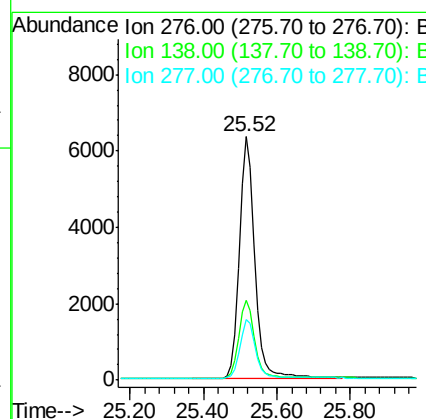
RT: 25.52 min Scan# 2289

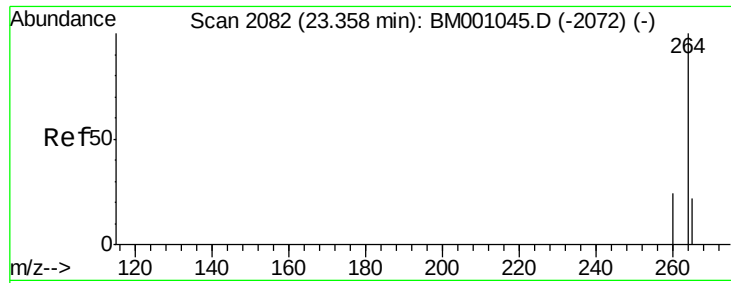
Delta R.T. 0.00 min

Lab File: BM001055.D

Acq: 18 Apr 2015 11:00

Tgt Ion:	276	Resp:	18387
Ion Ratio	Lower	Upper	
276	100		
138	33.1	26.3	39.5
277	24.3	19.5	29.3





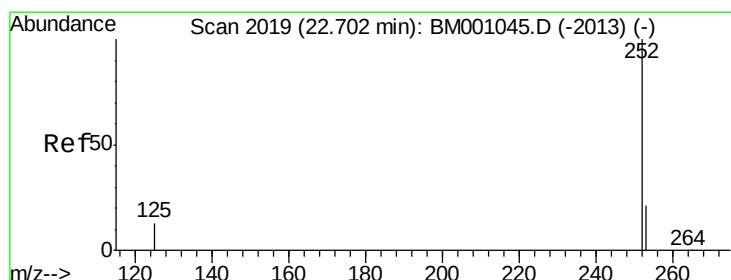
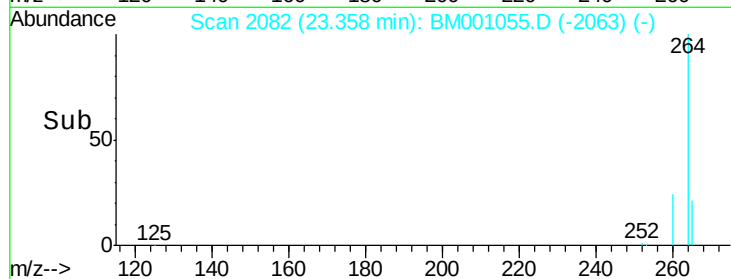
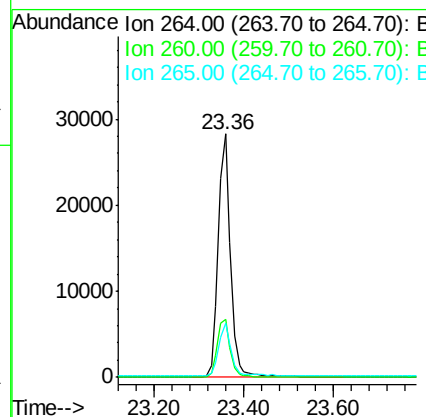
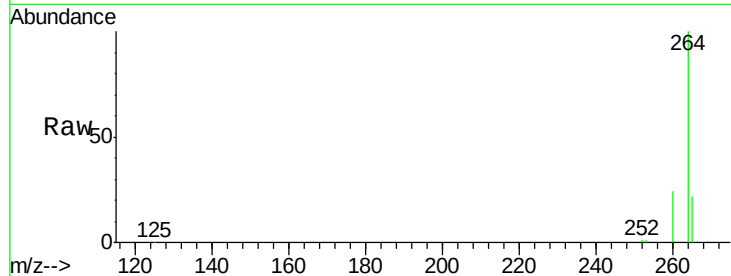
#25
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.2	17.9	26.9

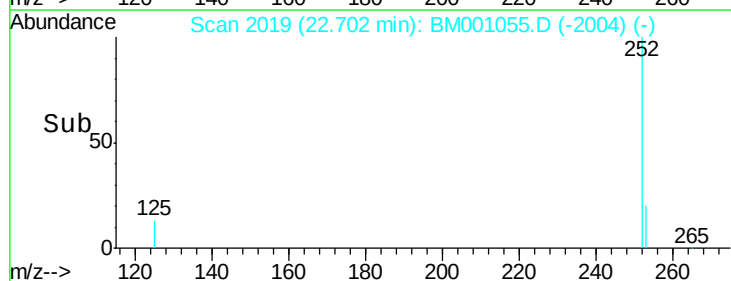
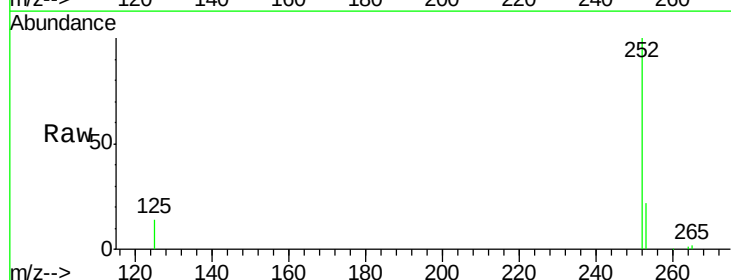
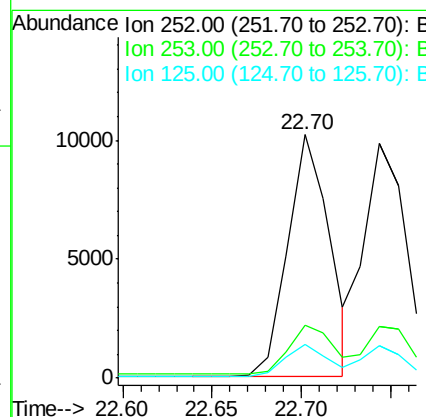
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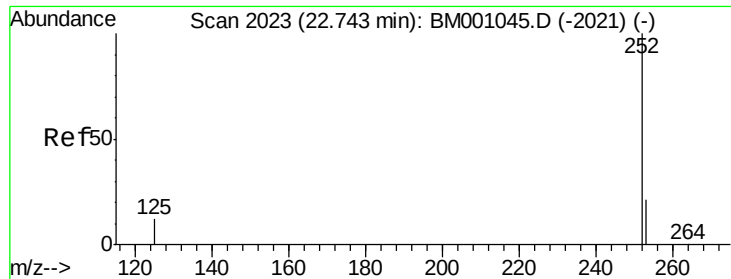
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#26
Benzo(b)fluoranthene
Concen: 0.96 ng
RT: 22.70 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	13.8	10.9	16.3





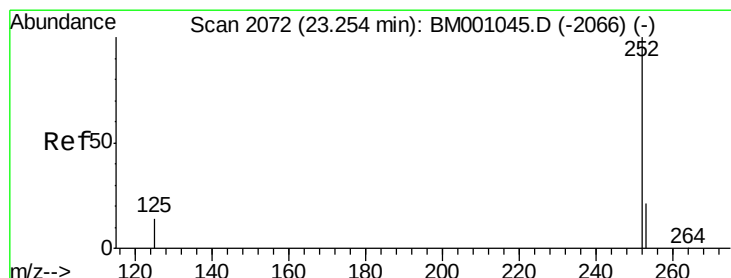
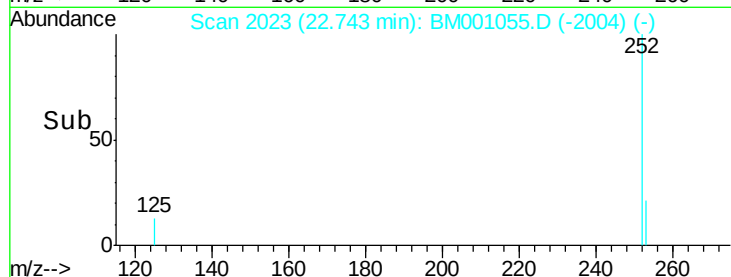
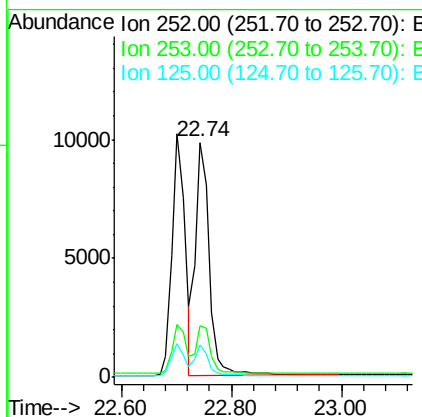
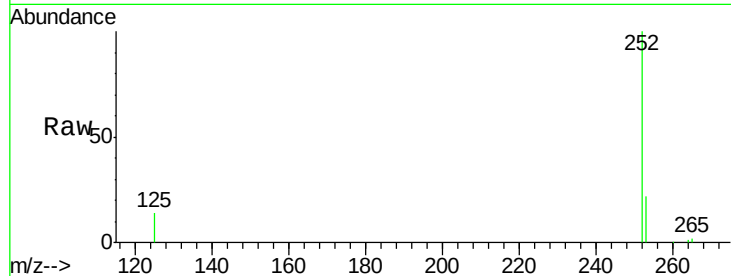
#27
Benzo(k)fluoranthene
Concen: 1.03 ng
RT: 22.74 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	13.9	10.6	15.8

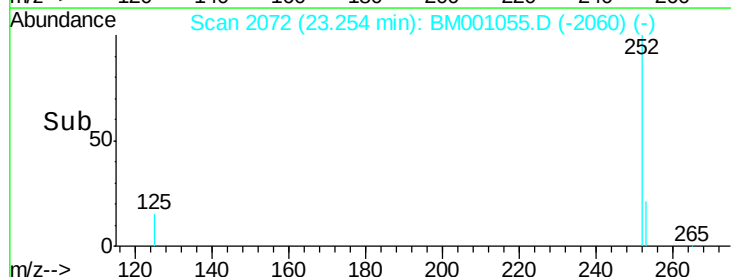
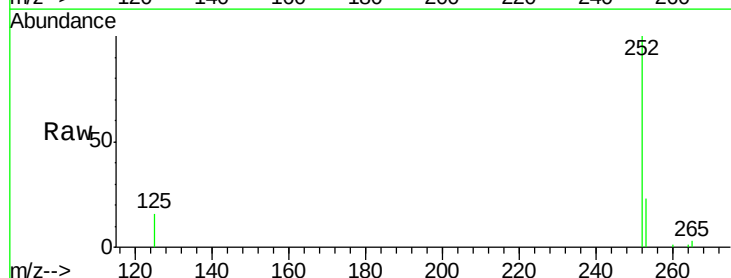
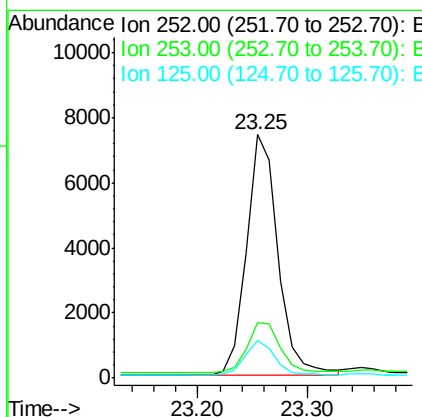
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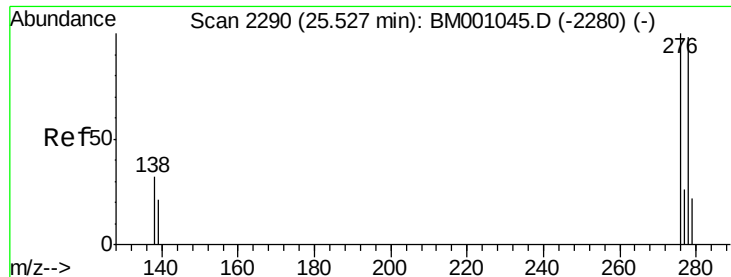
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#28
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.25 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	15.6	11.9	17.9





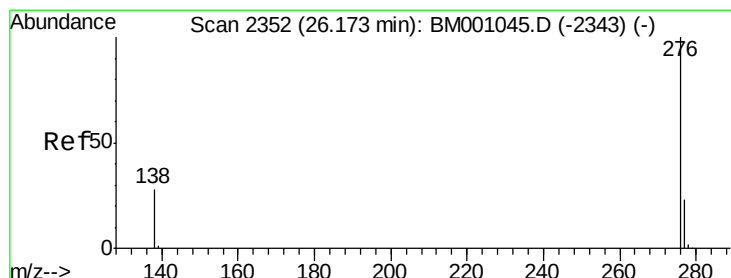
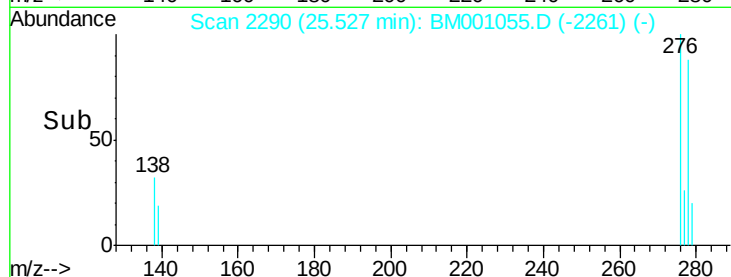
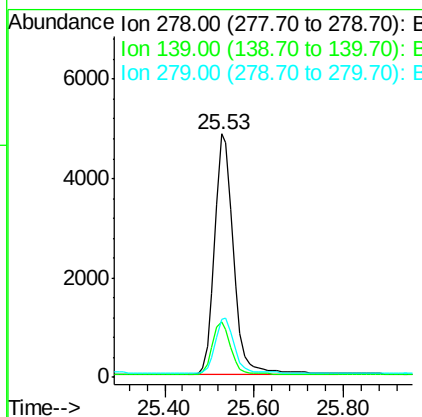
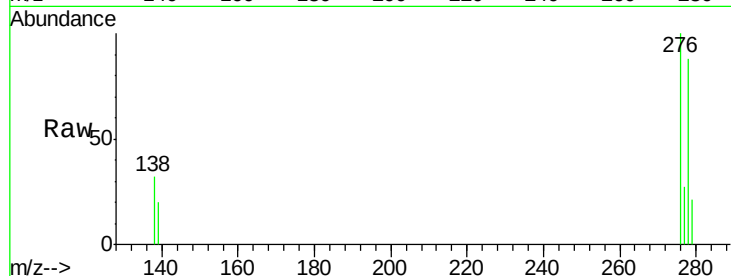
#29
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.53 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.2	27.2
279	24.0	19.1	28.7

Manual Integrations
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#30
Benzo(g,h,i)perylene
Concen: 0.99 ng
RT: 26.18 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BM001055.D
Acq: 18 Apr 2015 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	27.1	23.4	35.2

