

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005615.D
 Acq On : 23 May 2016 18:15
 Operator : UM/SJ
 Sample : H2853-25
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WR2

Manual Integrations
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Quant Time: May 24 13:17:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	98238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	434672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	244515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	554854	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	584808	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	577065	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	11946	5.33	ng/uL	0.00
5) Phenol-d5	6.98	99	288371	35.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	163880	35.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	231545	34.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	225017	34.10	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	114044	34.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	130748	35.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	232602	33.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	22936m	3.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	718592	36.00	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	871071	34.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	134934	35.74	ng/ul	0.01
57) Fluorene-d10	15.43	176	610557	35.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	105416	33.03	ng/ul	0.00
70) Anthracene-d10	17.28	188	947454	35.85	ng/ul	0.00
76) Pyrene-d10	19.57	212	1069986	40.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	976107	36.22	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.01	94	274287	33.07	ng/ul	94
11) 2-Methylphenol	8.25	108	247842	39.42	ng/ul	94
44) Dimethylphthalate	13.89	163	29362	1.49	ng/ul	99
47) Acenaphthylene	14.16	152	520655	20.54	ng/ul	100
49) Acenaphthene	14.50	153	351756	21.04	ng/ul	99
53) Dibenzofuran	14.84	168	603437	25.28	ng/ul	100
56) Diethylphthalate	15.26	149	695116	34.56	ng/ul	99
58) Fluorene	15.49	166	403276	21.11	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	709500	42.14	ng/ul	100
67) Atrazine	16.65	200	205335	32.59	ng/ul	99
68) Pentachlorophenol	16.84	266	233883	55.33	ng/ul	99
71) Anthracene	17.32	178	437181	13.83	ng/ul	100
73) Di-n-butylphthalate	18.14	149	949717	28.53	ng/ul	99
78) Butylbenzylphthalate	20.50	149	571953	40.37	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1202557	36.33	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	1239692	36.42	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	1121536	34.81	ng/ul	100
88) Benzo(a)pyrene	23.54	252	990201	29.99	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	1391127	35.47	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	716244	21.93	ng/ul	97
91) Benzo(g,h,i)perylene	26.67	276	1198703	36.36	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

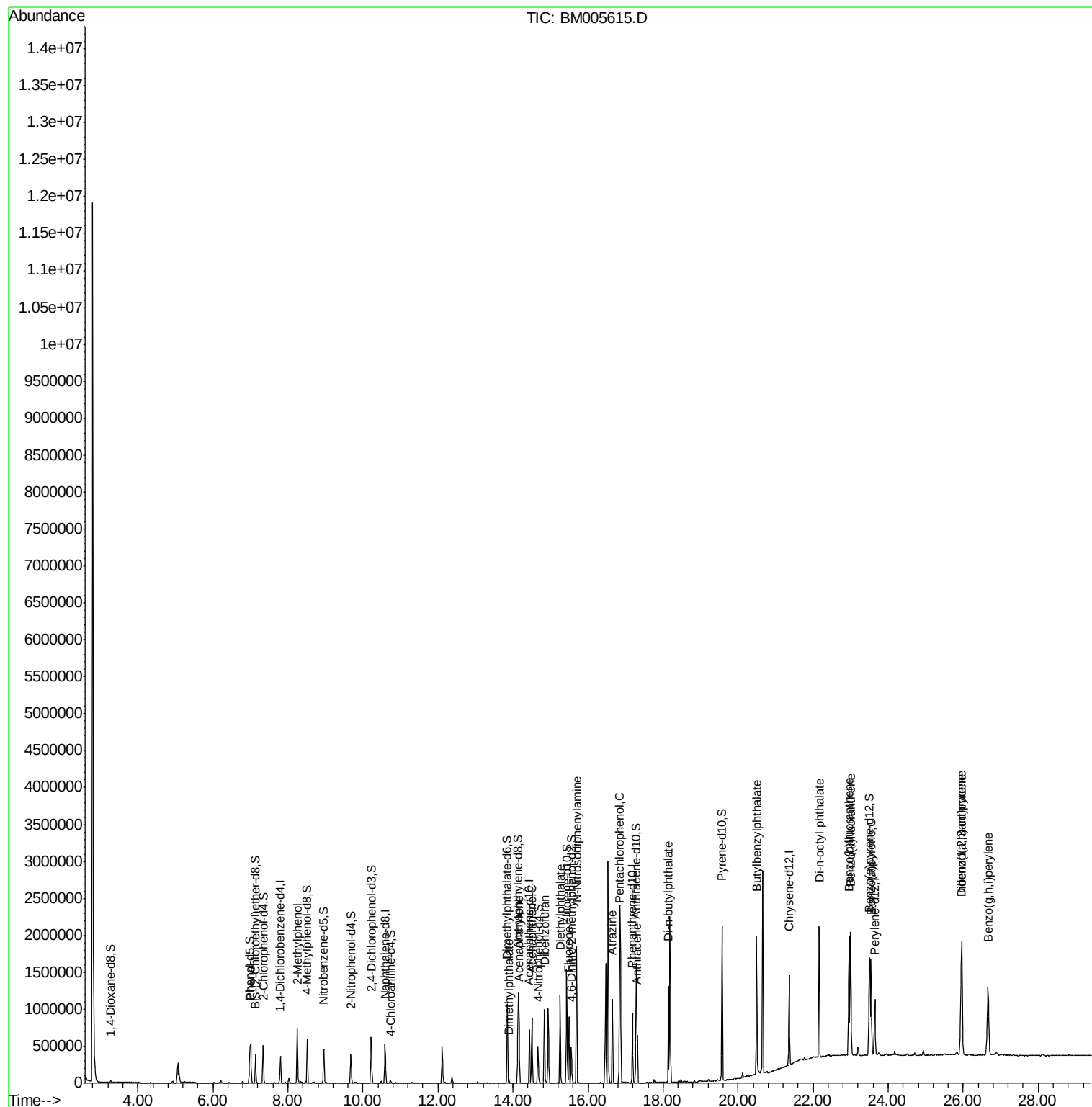
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
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Operator : UM/SJ
Sample : H2853-25
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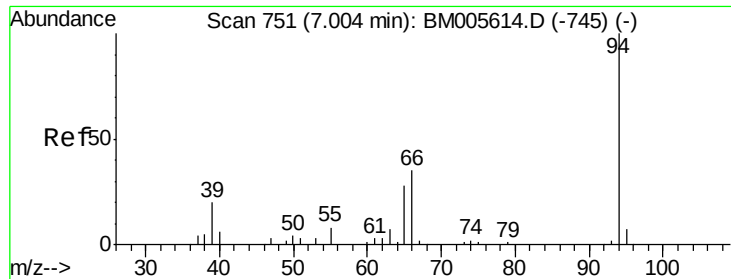
Instrument :
BNA_M
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#6

Phenol

Concen: 33.07 ng/ul

RT: 7.01 min Scan# 752

Delta R.T. 0.01 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Instrument :

BNA_M

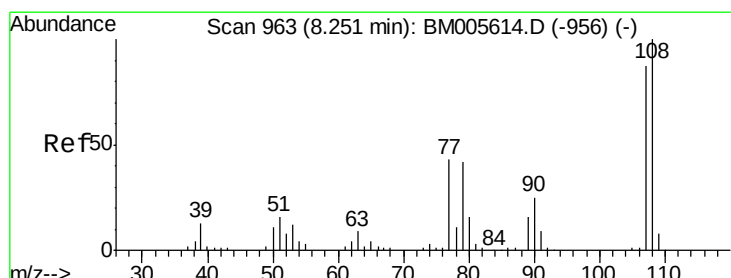
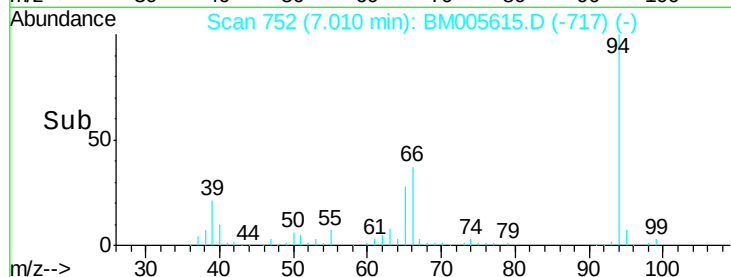
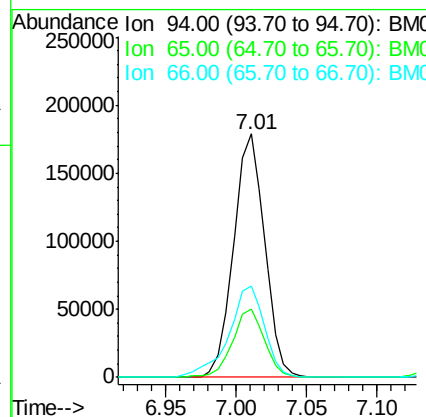
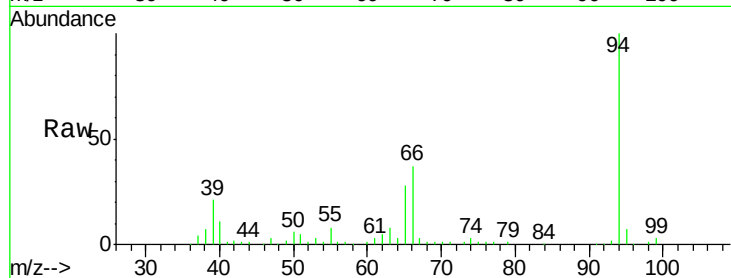
ClientSampleId :

D9WR2

Tgt Ion:	94	Resp:	274287
Ion Ratio	Lower	Upper	
94	100		
65	28.3	24.2	36.2
66	37.4	33.9	50.9

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#11

2-Methylphenol

Concen: 39.42 ng/ul

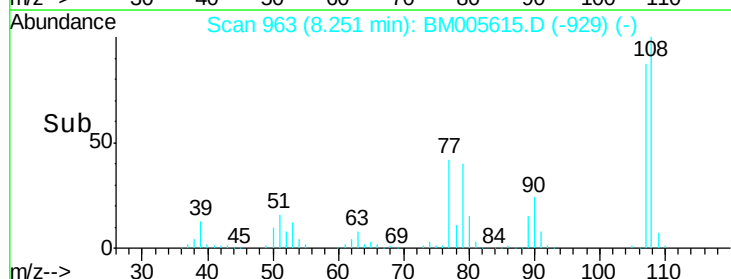
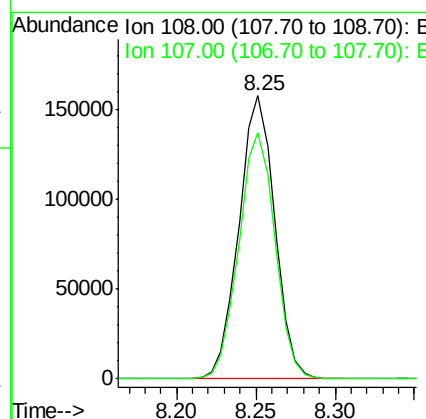
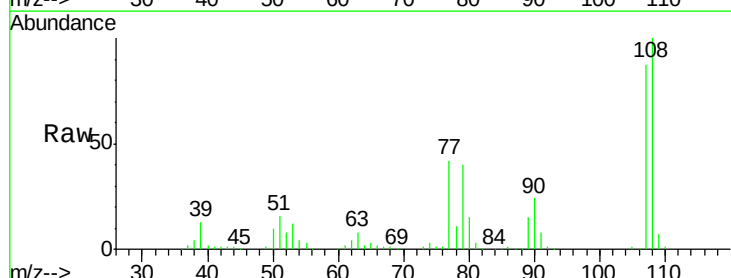
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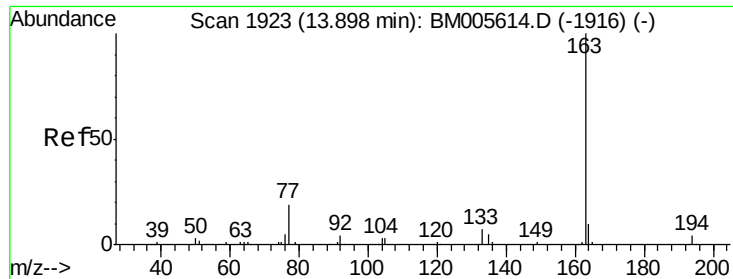
Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Tgt Ion:	108	Resp:	247842
Ion Ratio	Lower	Upper	
108	100		
107	86.9	74.0	111.0





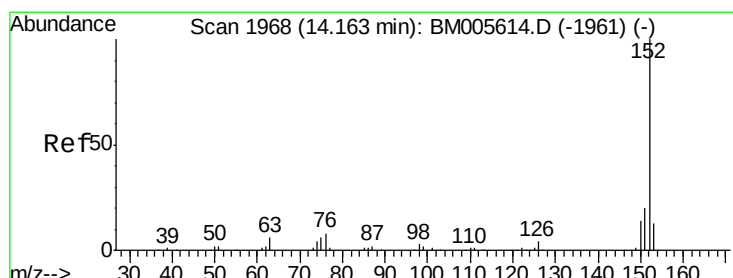
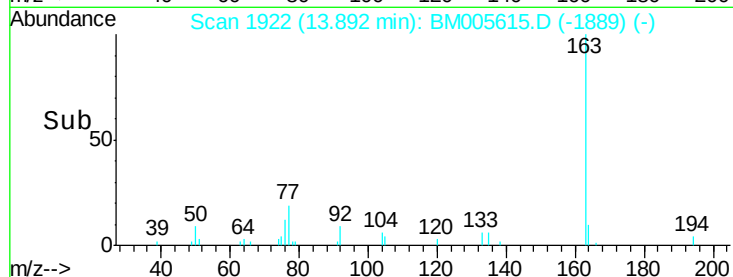
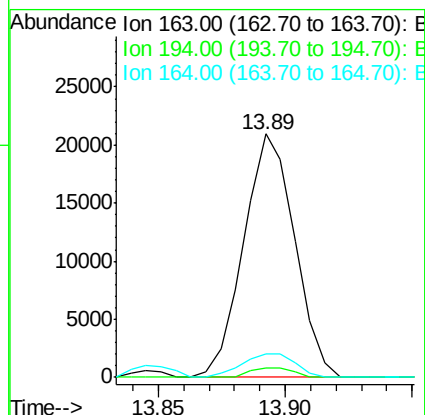
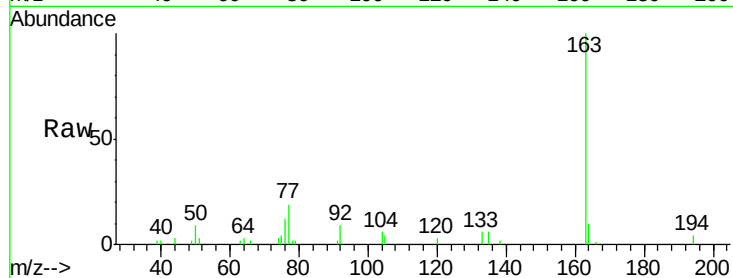
#44
Dimethylphthalate
Concen: 1.49 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Instrument :
BNA_M
ClientSampleId :
D9WR2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.4	5.0
164	9.6	8.0	12.0

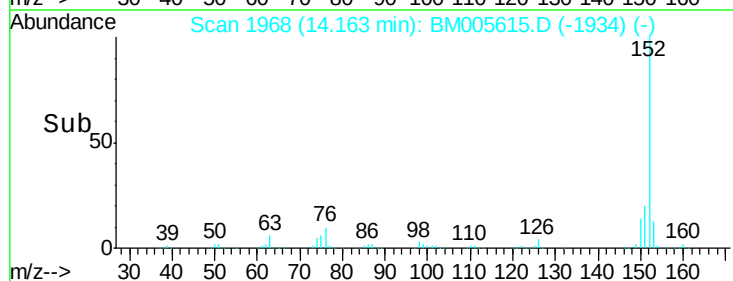
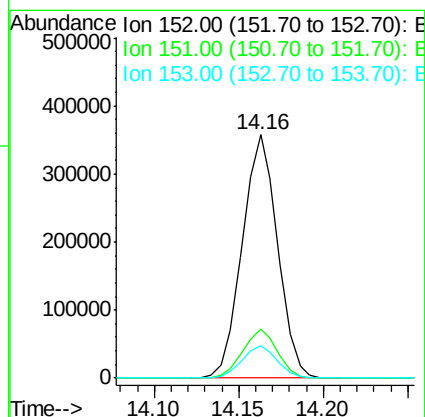
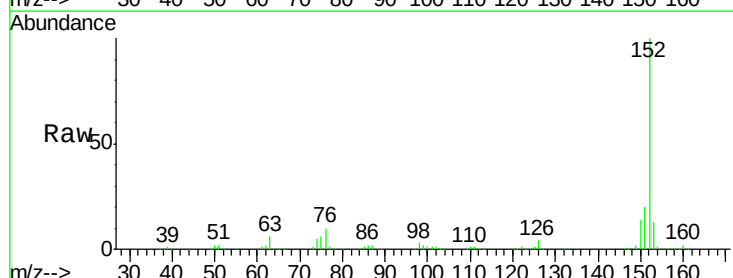
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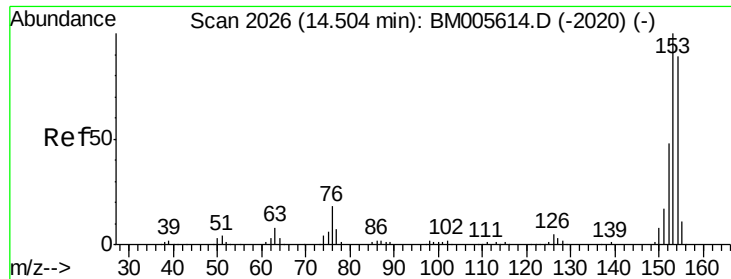
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#47
Acenaphthylene
Concen: 20.54 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7





#49

Acenaphthene

Concen: 21.04 ng/ul

RT: 14.50 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Instrument :

BNA_M

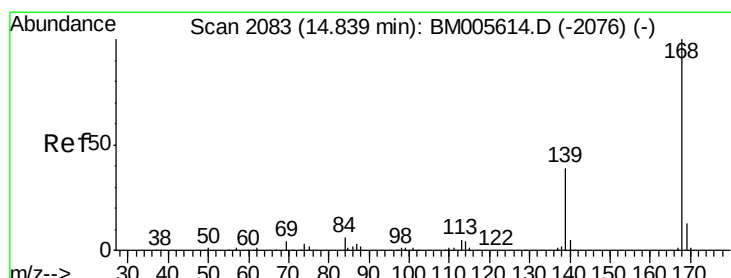
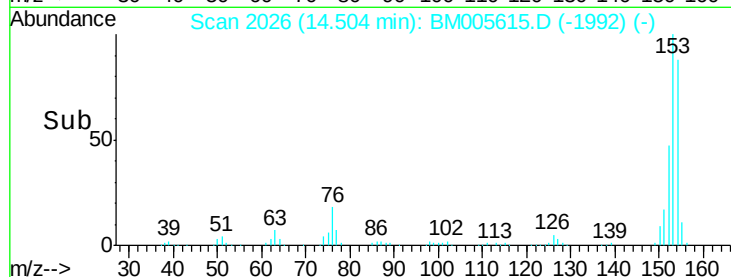
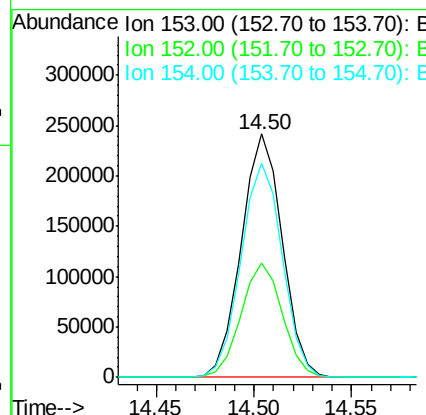
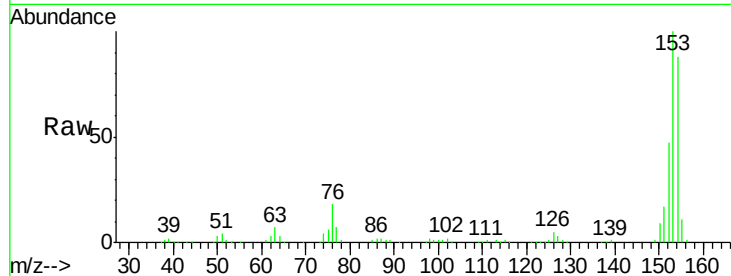
ClientSampleId :

D9WR2

Tgt Ion:	153	Resp:	351756
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.8	56.6
154	88.0	71.1	106.7

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#53

Dibenzofuran

Concen: 25.28 ng/ul

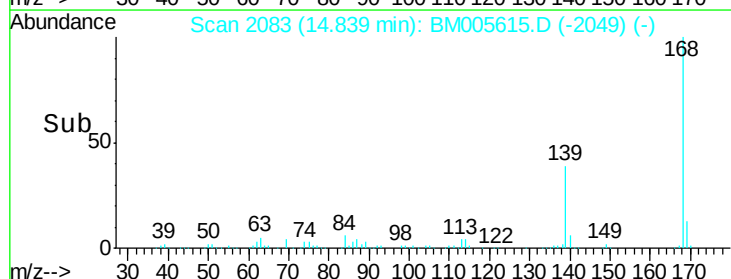
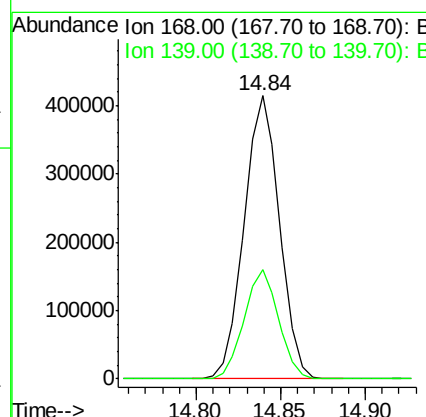
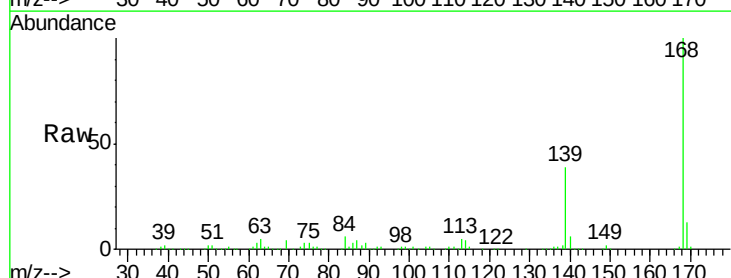
RT: 14.84 min Scan# 2083

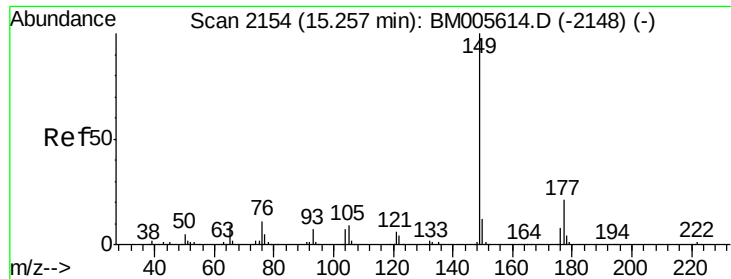
Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Tgt Ion:	168	Resp:	603437
Ion Ratio	Lower	Upper	
168	100		
139	38.6	30.6	46.0





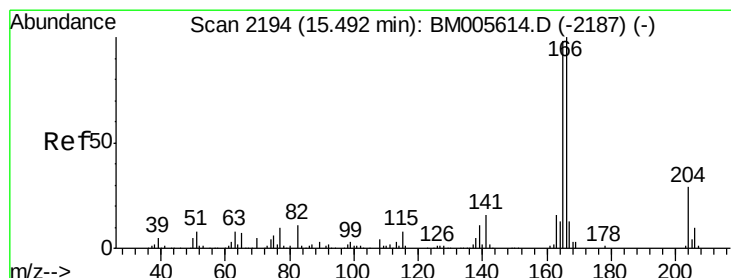
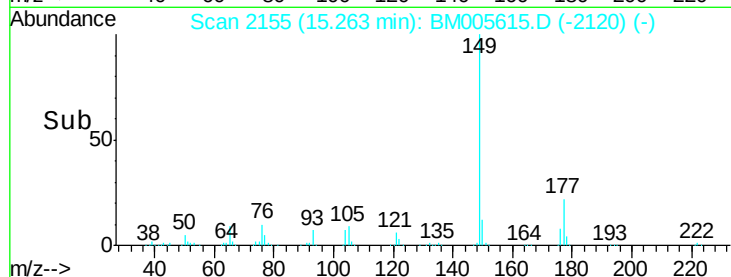
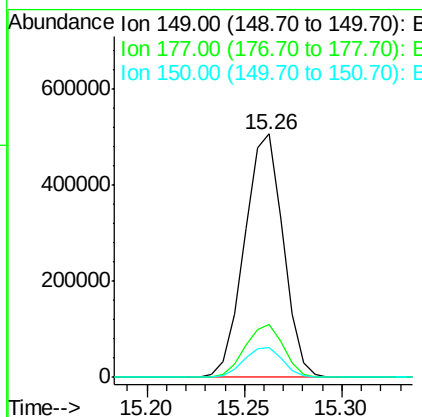
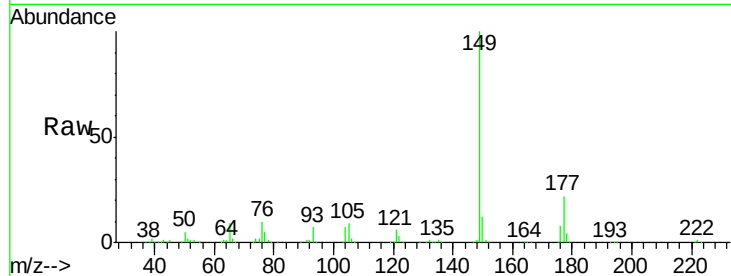
#56
Diethylphthalate
Concen: 34.56 ng/ul
RT: 15.26 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Instrument :
BNA_M
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Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.6	17.8	26.8
150	12.3	10.2	15.2

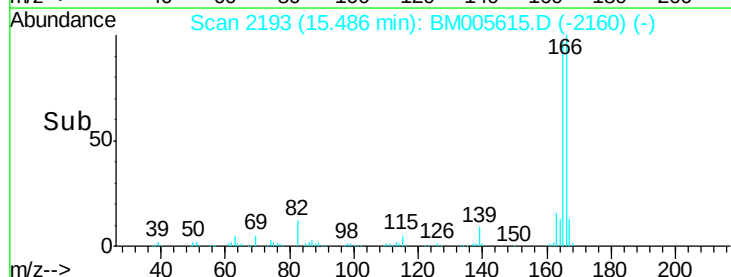
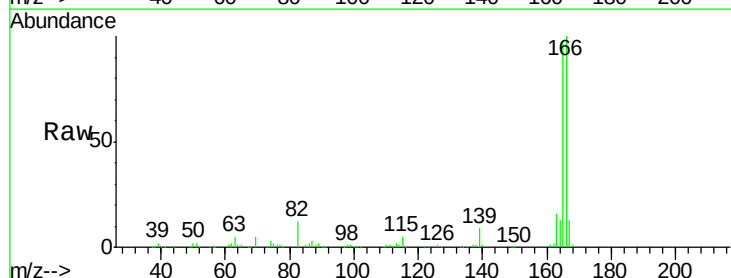
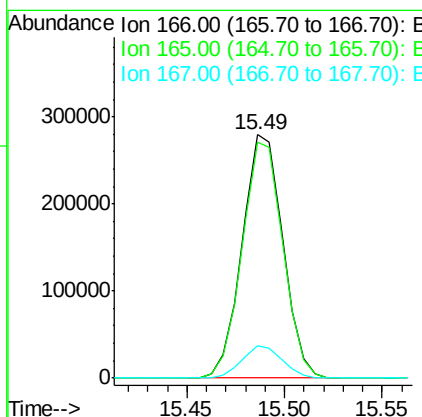
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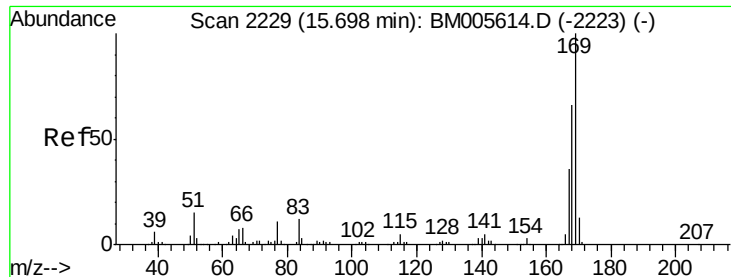
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#58
Fluorene
Concen: 21.11 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.9	78.0	117.0
167	13.1	10.5	15.7





#64

N-Nitrosodiphenylamine

Concen: 42.14 ng/ul

RT: 15.70 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Instrument :

BNA_M

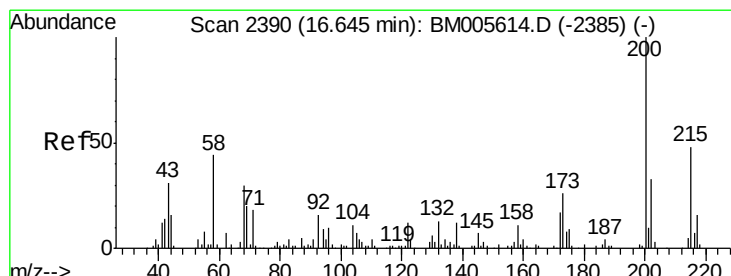
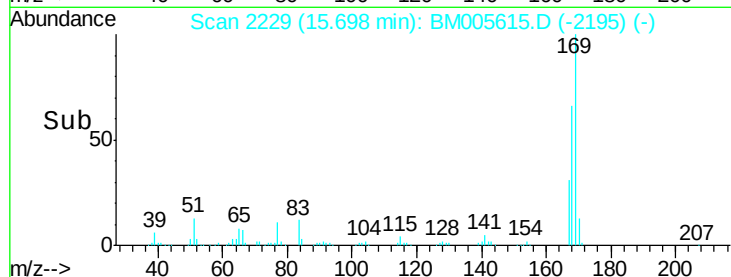
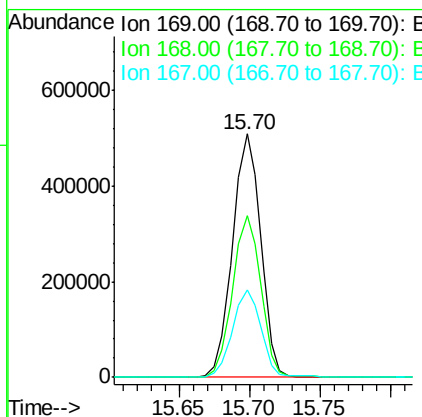
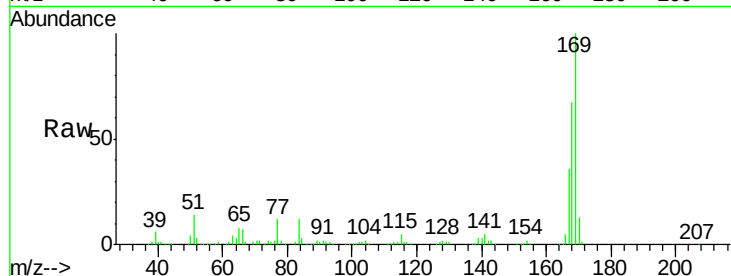
ClientSampleId :

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Tgt Ion:	169	Resp:	709500
Ion Ratio		Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.8	28.9	43.3

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#67

Atrazine

Concen: 32.59 ng/ul

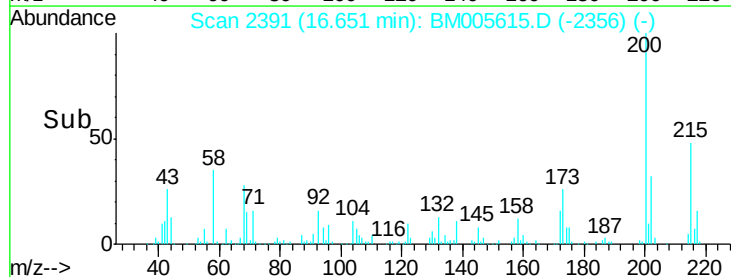
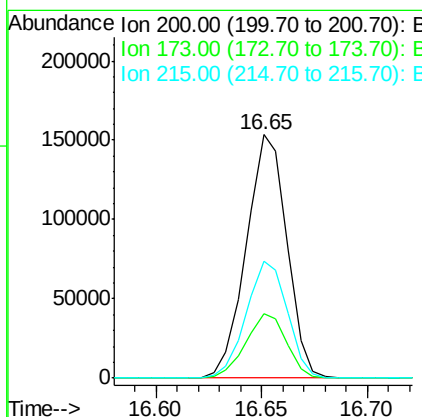
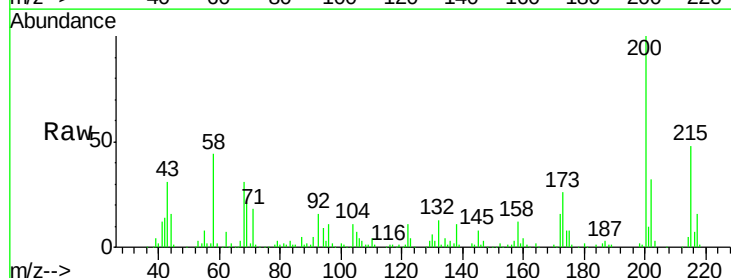
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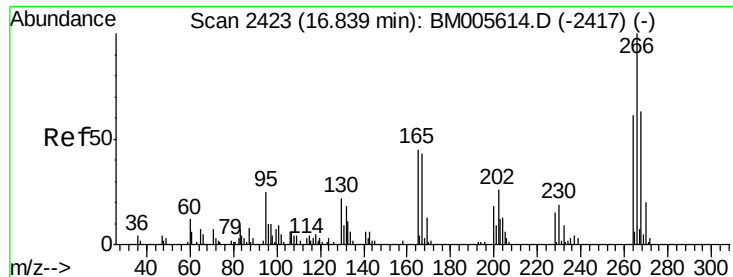
Delta R.T. 0.01 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Tgt Ion:	200	Resp:	205335
Ion Ratio		Lower	Upper
200	100		
173	26.4	20.4	30.6
215	48.2	38.3	57.5





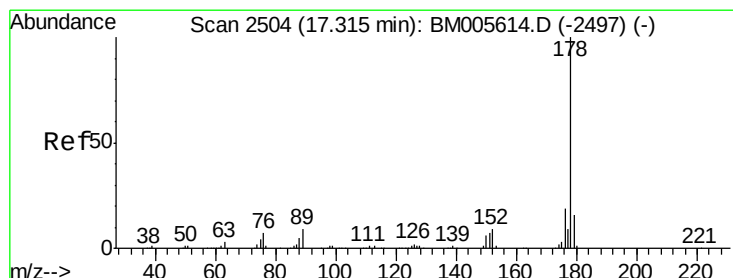
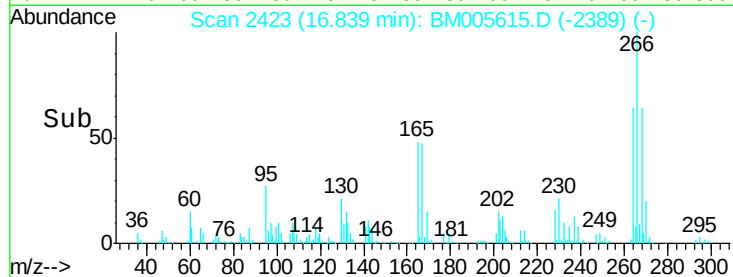
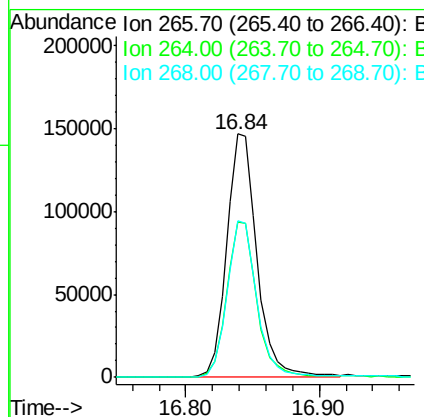
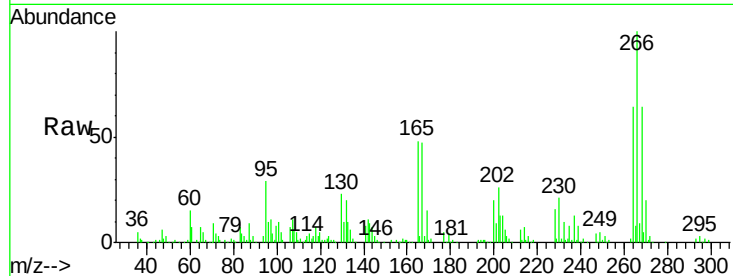
#68
 Pentachlorophenol
 Concen: 55.33 ng/ul
 RT: 16.84 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BM005615.D
 Acq: 23 May 2016 18:15

Instrument :
 BNA_M
 ClientSampleId :
 D9WR2

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	233883		
264	63.5	50.9	76.3	
268	64.1	52.8	79.2	

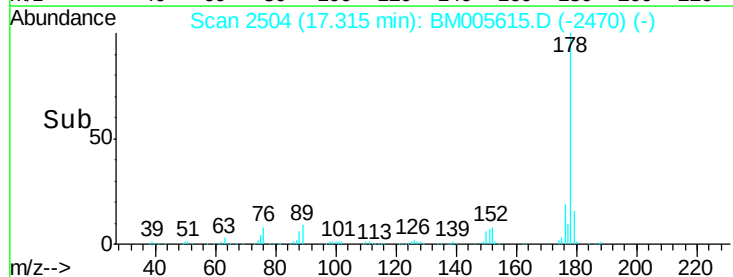
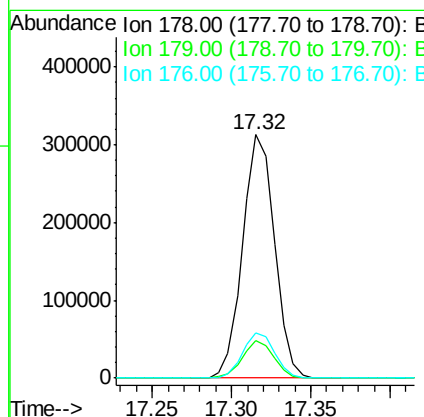
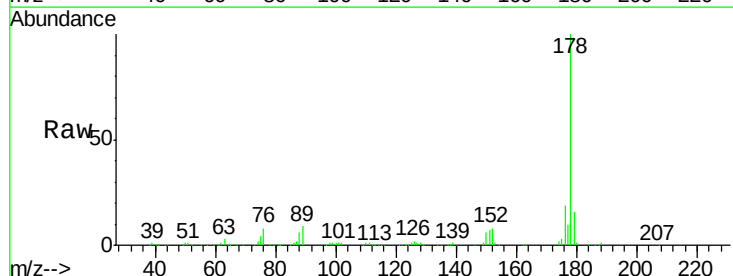
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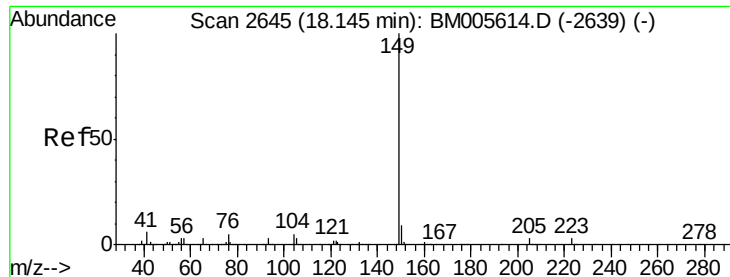
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#71
 Anthracene
 Concen: 13.83 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BM005615.D
 Acq: 23 May 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	437181		
179	15.7	12.6	18.8	
176	18.8	15.0	22.4	





#73

Di-n-butylphthalate

Concen: 28.53 ng/ul

RT: 18.14 min Scan# 2645

Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Instrument :

BNA_M

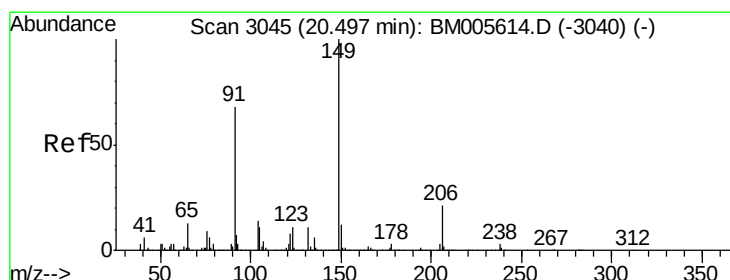
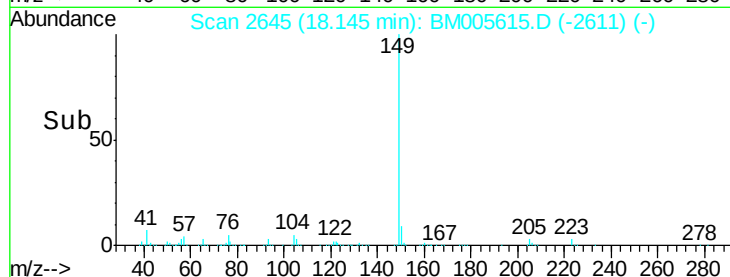
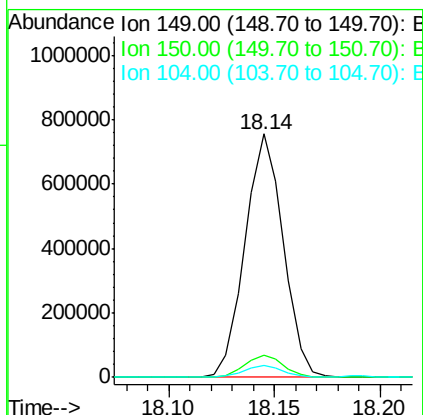
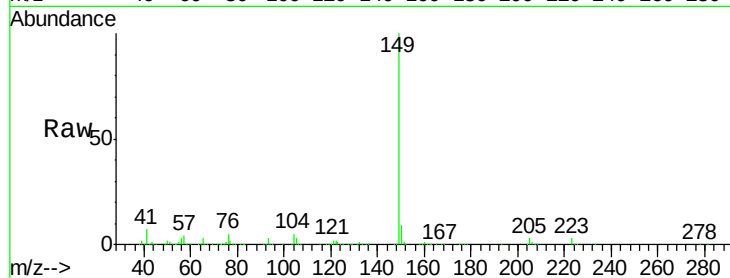
ClientSampleId :

D9WR2

Tgt Ion:	149	Resp:	949717
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	5.1	4.4	6.6

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#78

Butylbenzylphthalate

Concen: 40.37 ng/ul

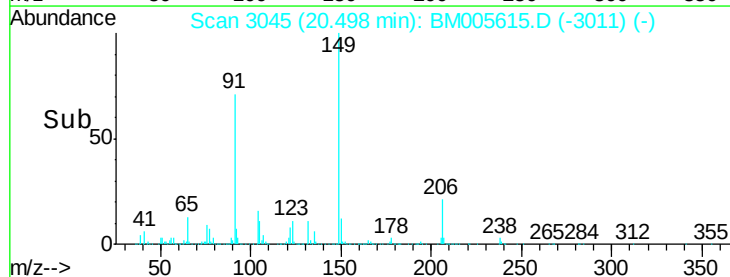
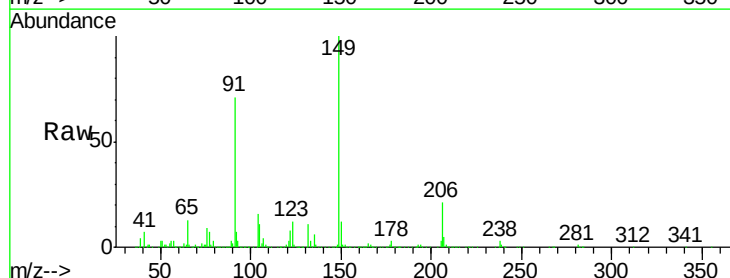
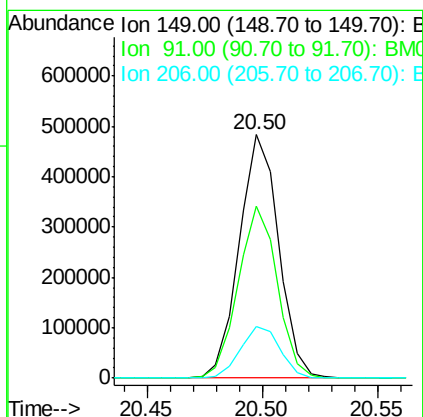
RT: 20.50 min Scan# 3045

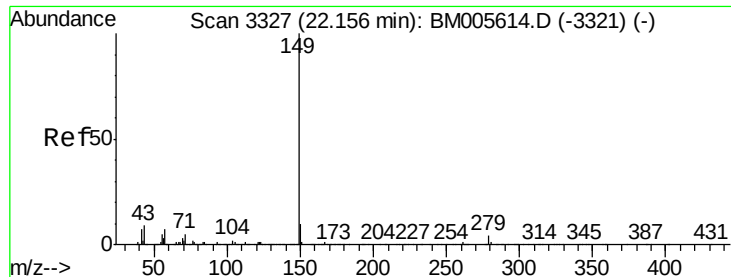
Delta R.T. 0.00 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Tgt Ion:	149	Resp:	571953
Ion Ratio	Lower	Upper	
149	100		
91	70.8	56.5	84.7
206	21.1	18.3	27.5





#84

Di-n-octyl phthalate

Concen: 36.33 ng/ul

RT: 22.16 min Scan# 3328

Delta R.T. 0.01 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

Instrument :

BNA_M

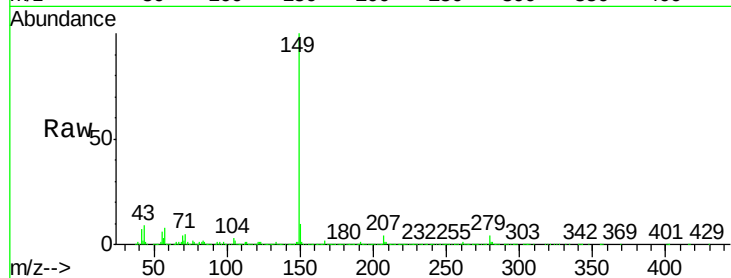
ClientSampleId :

D9WR2

Tgt Ion:	149	Resp:	1202557
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.2	7.4	11.0

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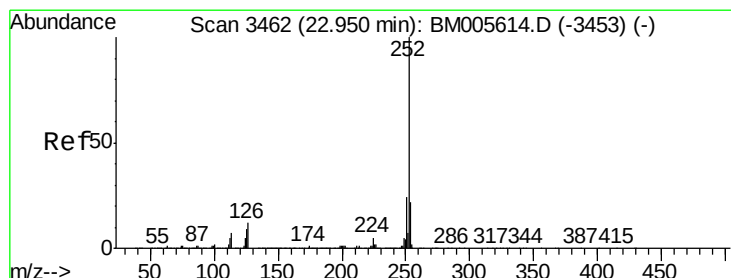
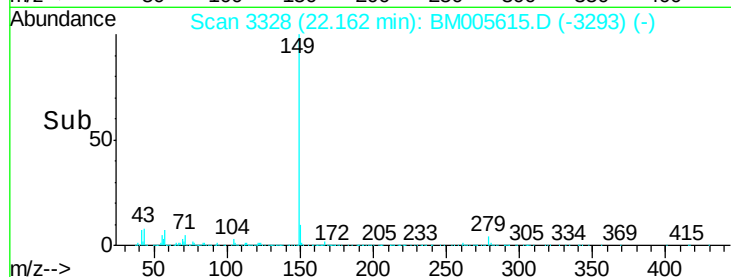
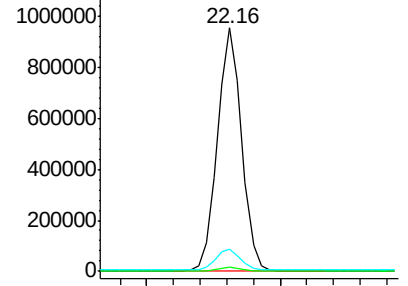
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 36.42 ng/ul

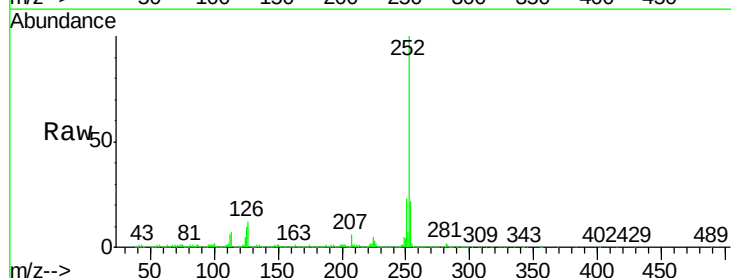
RT: 22.96 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

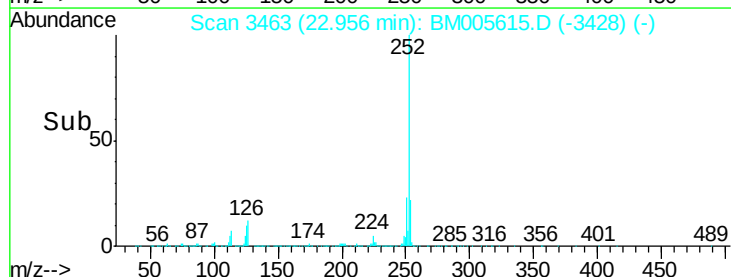
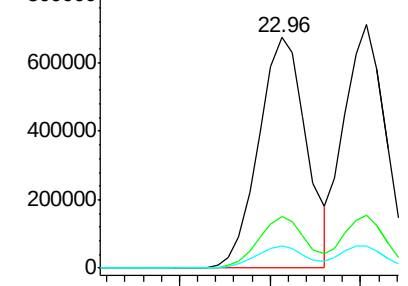
Tgt Ion:	252	Resp:	1239692
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	9.8	7.0	10.4

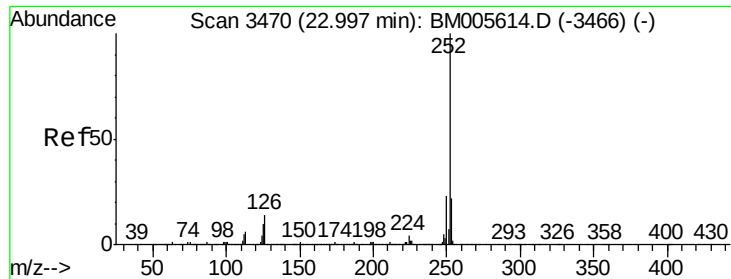


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





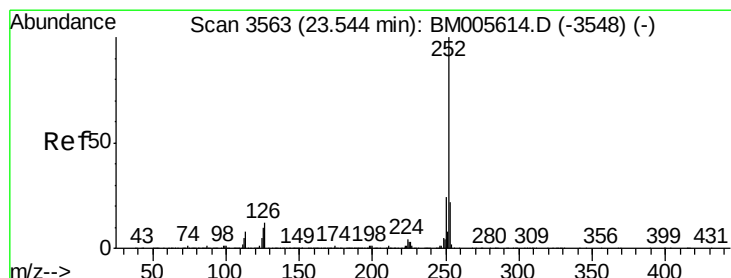
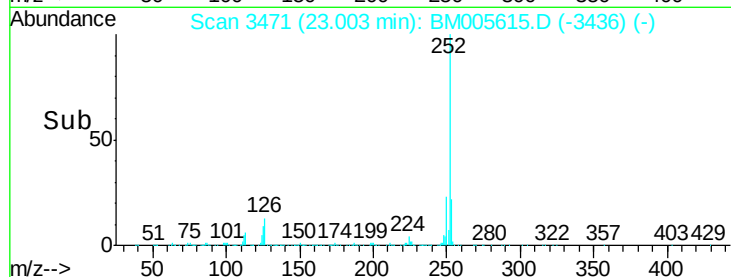
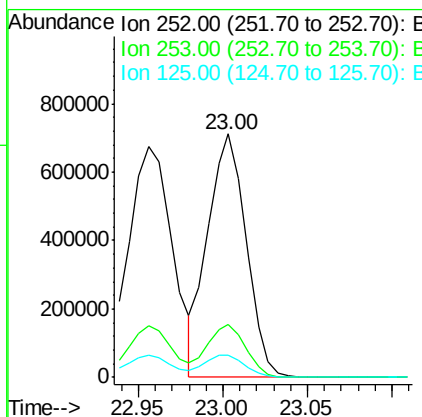
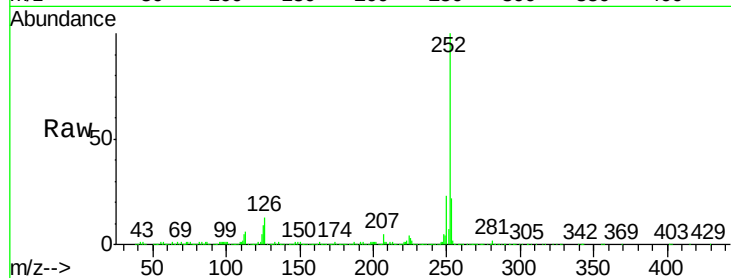
#86
Benzo(k)fluoranthene
Concen: 34.81 ng/ul
RT: 23.00 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Instrument :
BNA_M
ClientSampleId :
D9WR2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.2	7.0	10.6

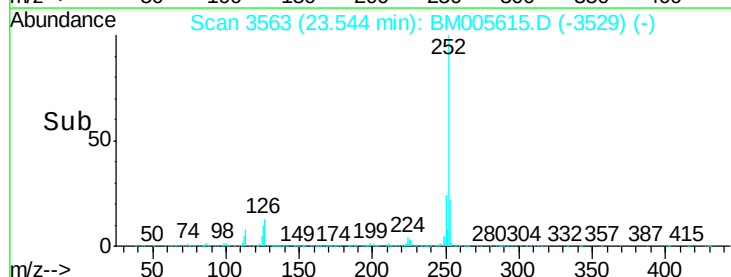
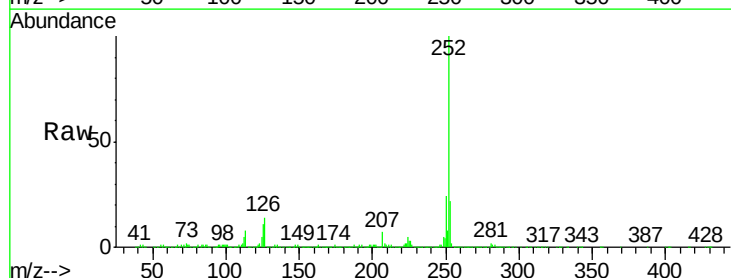
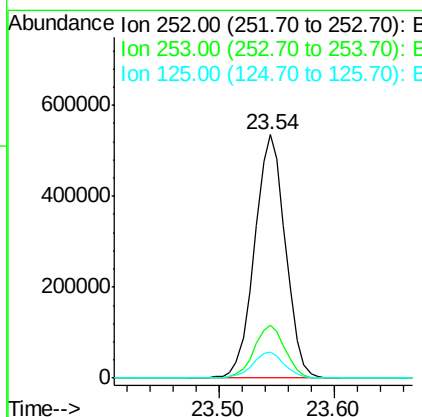
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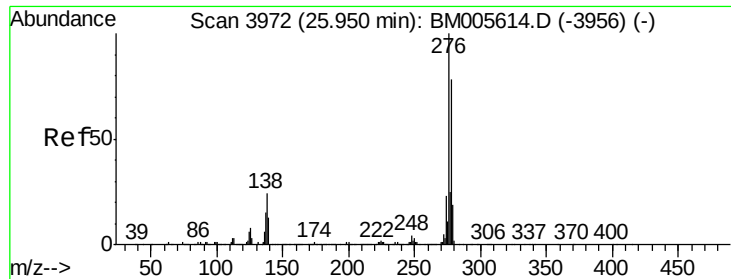
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#88
Benzo(a)pyrene
Concen: 29.99 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. 0.00 min
Lab File: BM005615.D
Acq: 23 May 2016 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.6	7.6	11.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 35.47 ng/ul

RT: 25.96 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BM005615.D

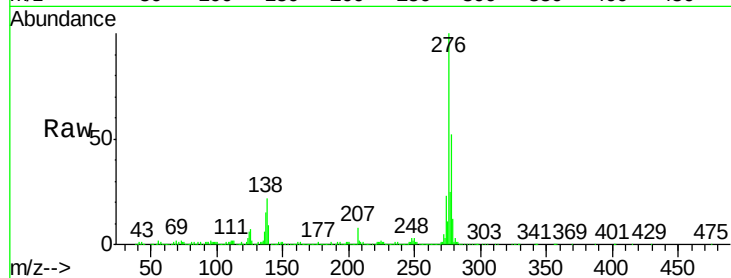
Acq: 23 May 2016 18:15

Instrument :

BNA_M

ClientSampleId :

D9WR2



Tgt Ion:276 Resp: 1391127

Ion Ratio Lower Upper

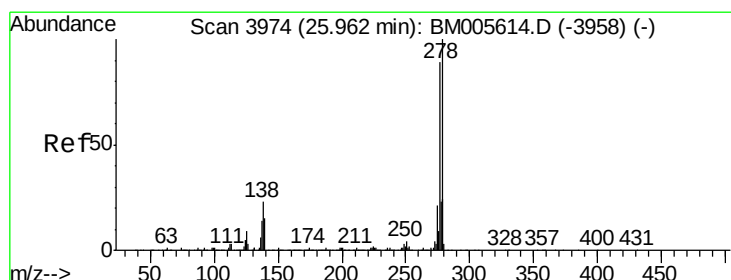
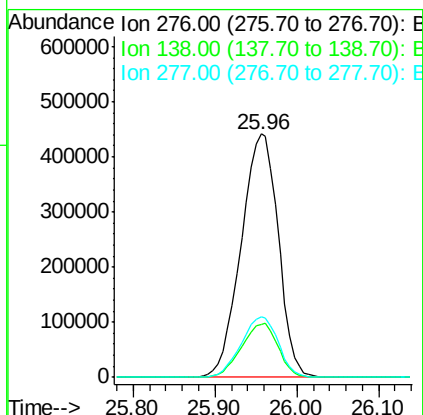
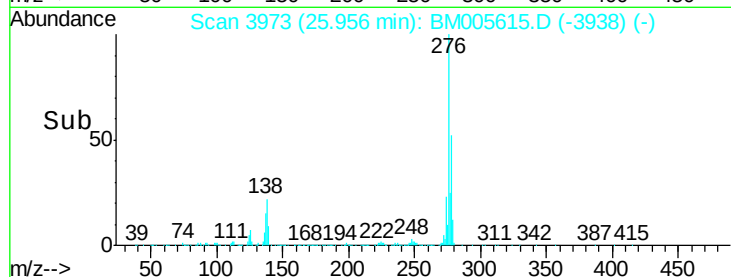
276 100

138 21.7 16.9 25.3

277 24.7 20.2 30.4

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#90

Dibenzo(a,h)anthracene

Concen: 21.93 ng/ul

RT: 25.97 min Scan# 3975

Delta R.T. 0.01 min

Lab File: BM005615.D

Acq: 23 May 2016 18:15

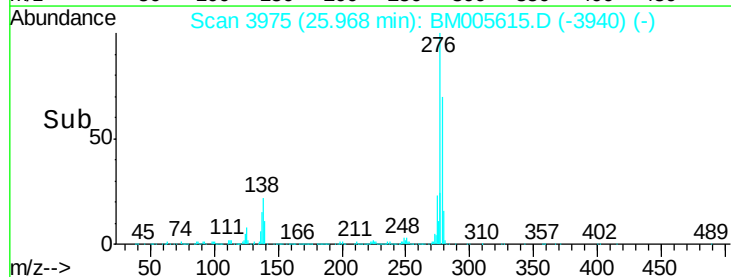
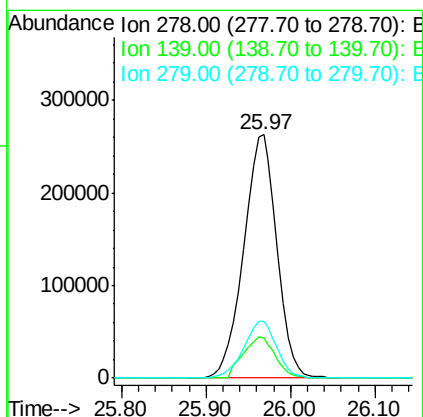
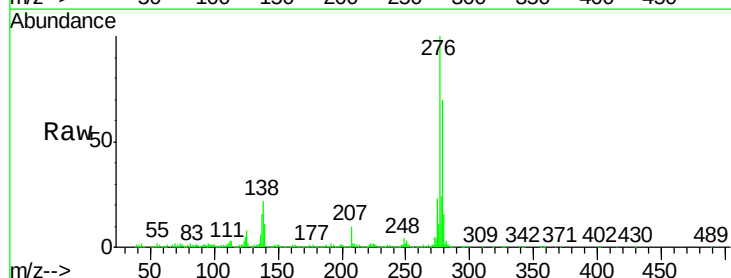
Tgt Ion:278 Resp: 716244

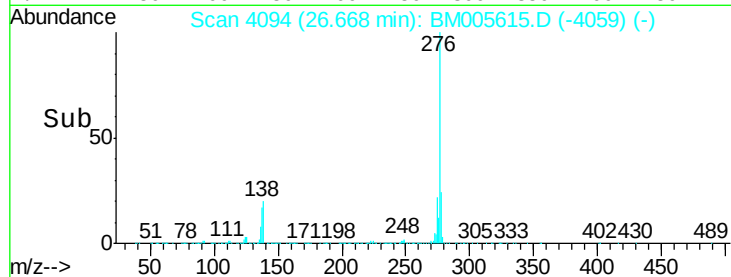
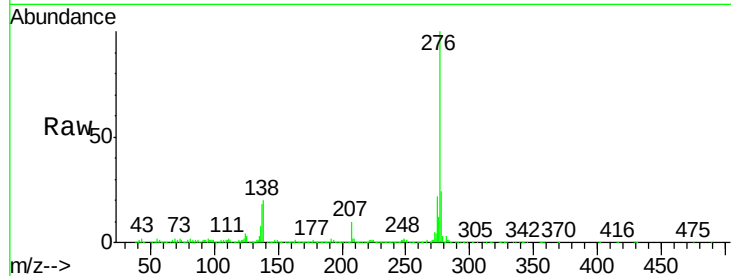
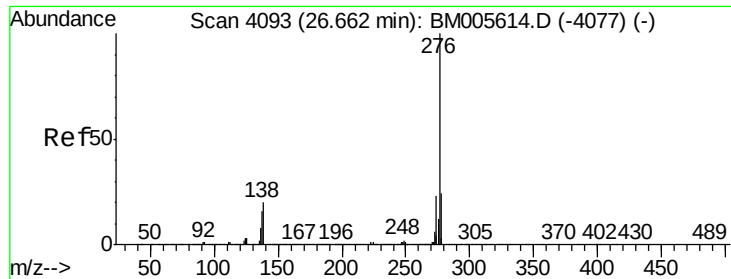
Ion Ratio Lower Upper

278 100

139 16.5 11.8 17.6

279 23.2 19.4 29.2





#91
 Benzo(g,h,i)perylene
 Concen: 36.36 ng/ul
 RT: 26.67 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: BM005615.D
 Acq: 23 May 2016 18:15

Instrument :
 BNA_M
 ClientSampleId :
 D9WR2

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	20.4	15.0	22.6	
277	23.7	18.6	28.0	

Manual Integrations
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