

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012067.D
 Acq On : 11 Oct 2017 06:16
 Operator : SJ/JU
 Sample : I5668-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3F9

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:54 PM

Quant Time: Oct 11 09:17:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	254665	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1096647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	661358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1541282	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1798246	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1524049	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20652	3.84	ng/uL	0.00
5) Phenol-d5	7.00	99	528831	24.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	356995	27.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	485116	27.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	490682	25.91	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	240590	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	229180	26.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	489310	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	23756m	1.22	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1399906	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2148982	31.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	62678	6.26	ng/ul	0.00
57) Fluorene-d10	15.48	176	1528896	30.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	80592	7.77	ng/ul	0.00
70) Anthracene-d10	17.33	188	2445337	32.20	ng/ul	0.00
76) Pyrene-d10	19.63	212	3069806	37.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2492130	33.99	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.99	77	14551m	1.333	ng/ul
28) Naphthalene	10.69	128	83925	1.526	ng/ul 97
44) Dimethylphthalate	13.94	163	339677	6.160	ng/ul 99
49) Acenaphthene	14.55	153	106643	2.360	ng/ul 100
53) Dibenzofuran	14.89	168	107981	1.646	ng/ul 98
58) Fluorene	15.54	166	116134	2.120	ng/ul# 98
69) Phenanthrene	17.27	178	2221621	26.204	ng/ul 99
71) Anthracene	17.37	178	474863	5.505	ng/ul 99
72) Carbazole	17.64	167	161894	2.167	ng/ul 97
74) Fluoranthene	19.29	202	4176892	40.379	ng/ul# 91
77) Pyrene	19.66	202	3755712	37.667	ng/ul# 89
80) Benzo(a)anthracene	21.39	228	2267640	22.012	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.31	149	103640	1.784	ng/ul 96
82) Chrysene	21.44	228	2105434	21.510	ng/ul 98
85) Benzo(b)fluoranthene	23.03	252	2353772	25.409	ng/ul# 96
86) Benzo(k)fluoranthene	23.07	252	784168m	8.479	ng/ul
88) Benzo(a)pyrene	23.63	252	1482103	16.650	ng/ul# 96
89) Indeno(1,2,3-cd)pyrene	26.09	276	861374	9.043	ng/ul# 96
90) Dibenzo(a,h)anthracene	26.09	278	242128	3.094	ng/ul# 88
91) Benzo(g,h,i)perylene	26.82	276	681683	8.651	ng/ul# 94

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

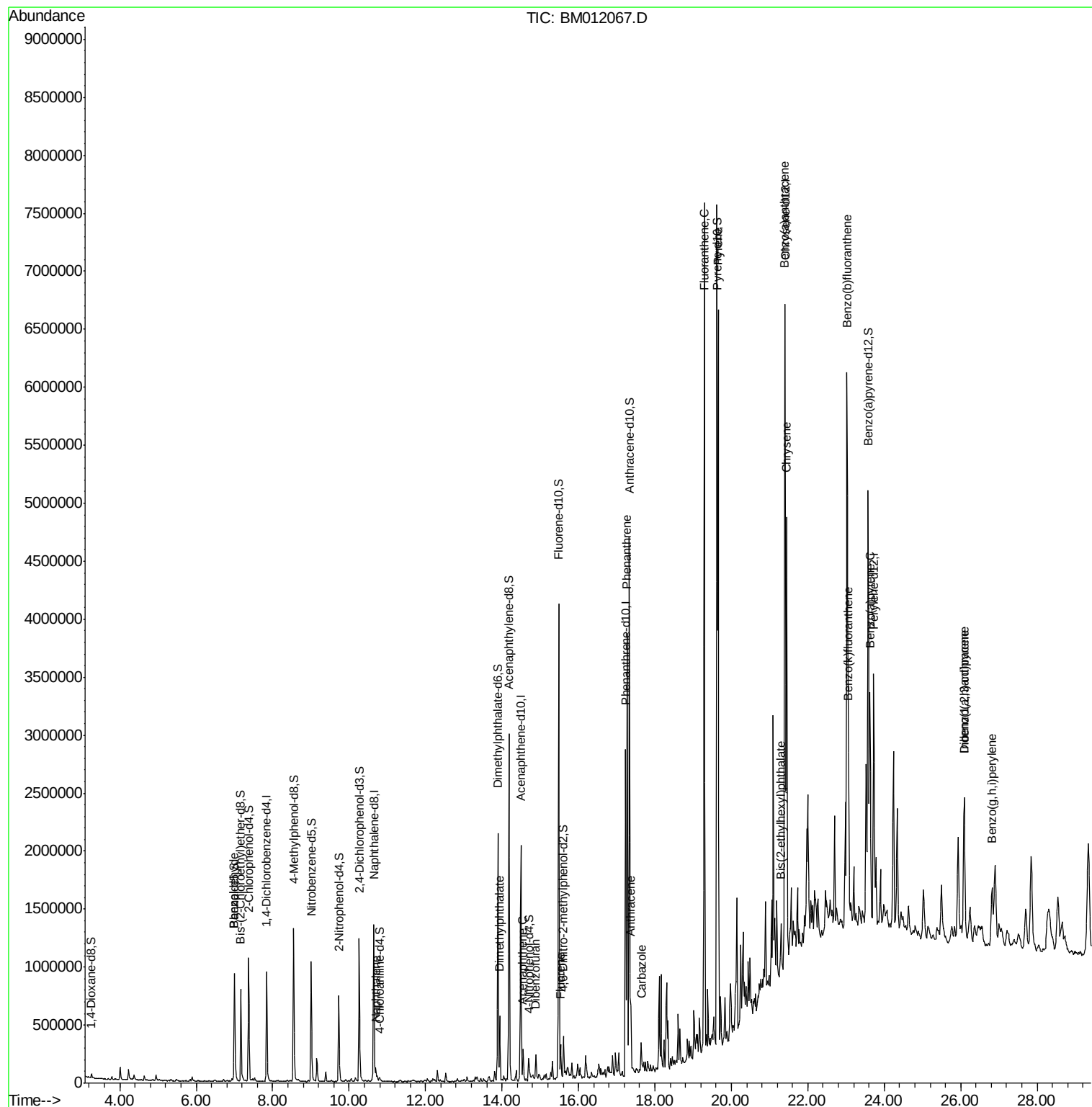
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012067.D
Acq On : 11 Oct 2017 06:16
Operator : SJ/JU
Sample : I5668-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

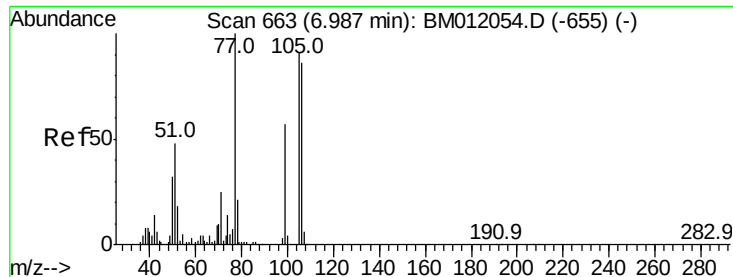
Instrument :
BNA_M
ClientSampled :
CB3F9

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10/11/2017 7:29:54 PM

Quant Time: Oct 11 09:17:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.333 ng/ul m

RT: 6.99 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Instrument :

BNA_M

ClientSampled :

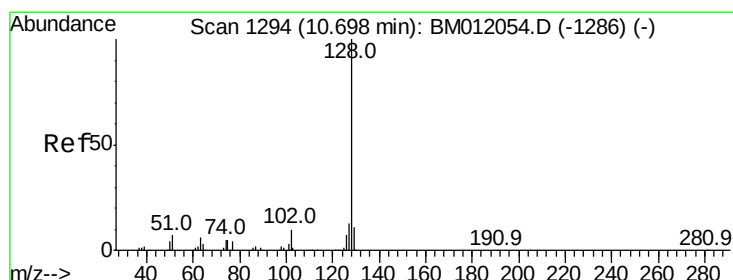
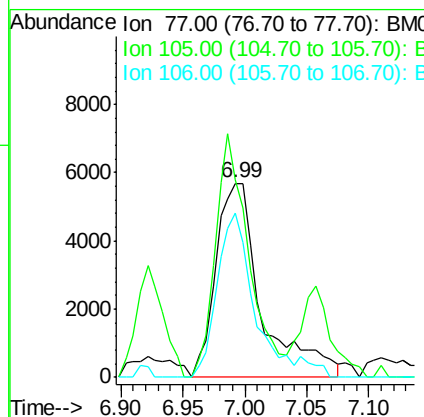
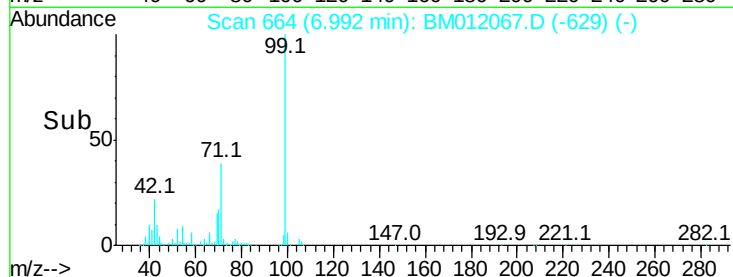
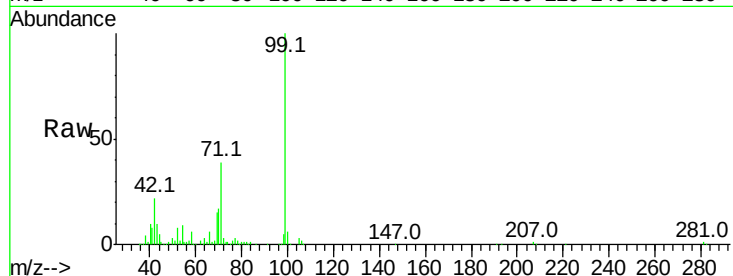
CB3F9

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	66.1	99.1#
106	84.5	67.8	101.6



#28

Naphthalene

Concen: 1.526 ng/ul

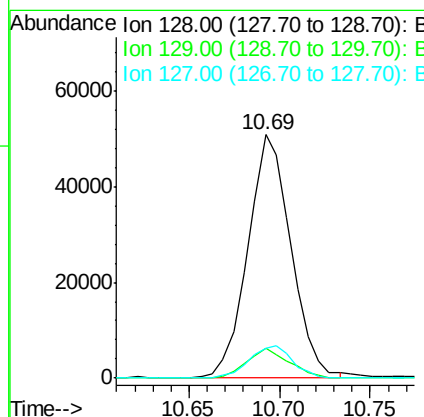
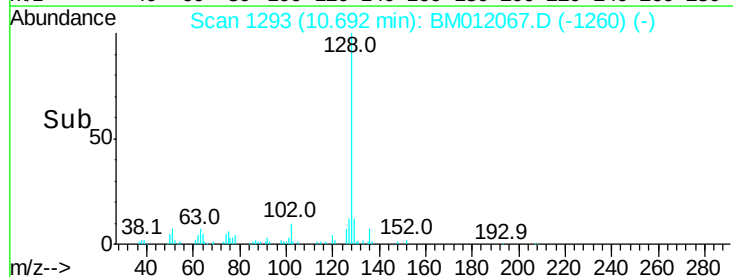
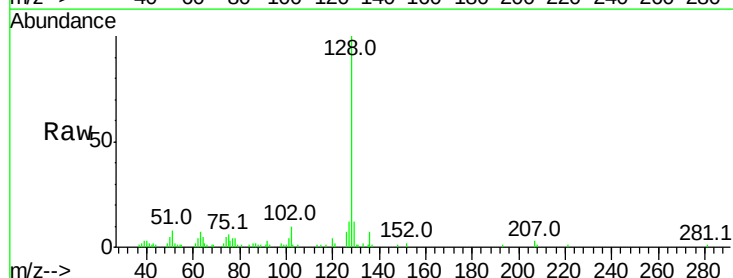
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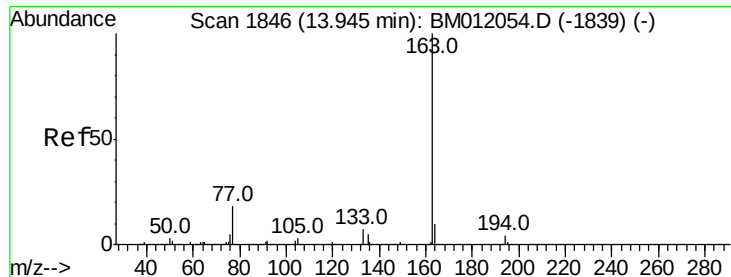
Delta R.T. -0.01 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	12.3	10.6	16.0





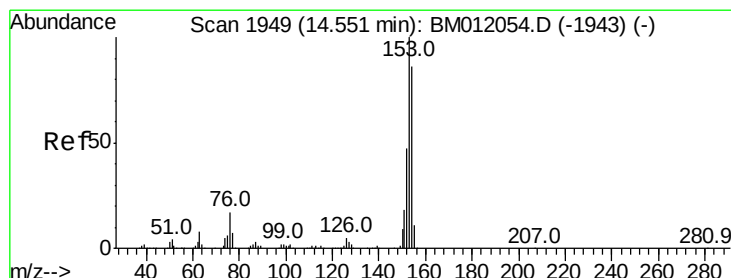
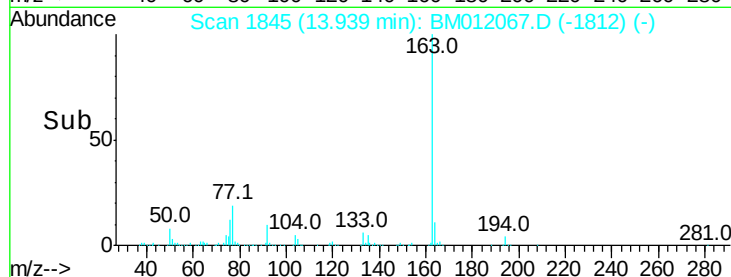
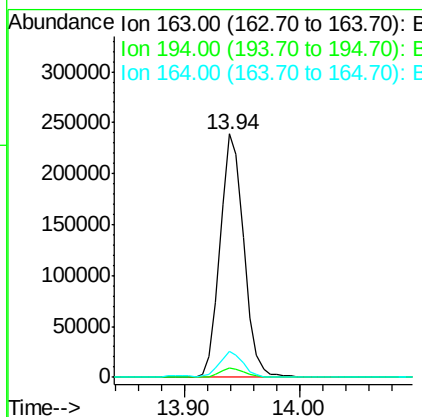
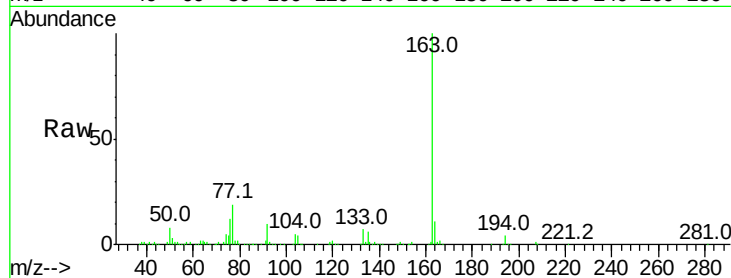
#44
Dimethylphthalate
Concen: 6.160 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampleId :
CB3F9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.7	8.2	12.4

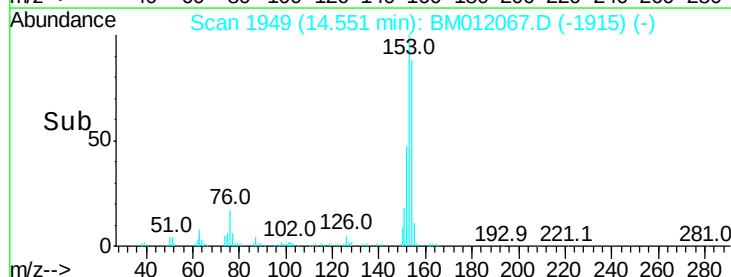
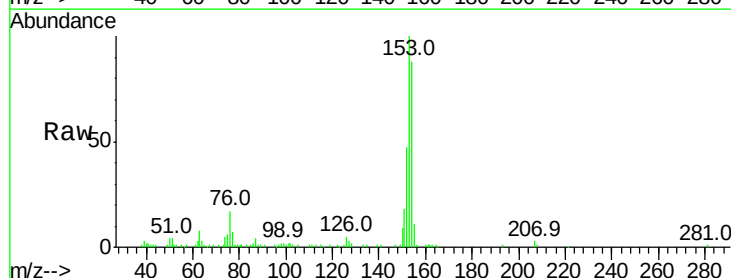
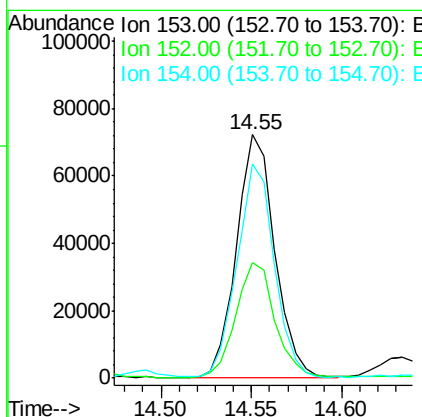
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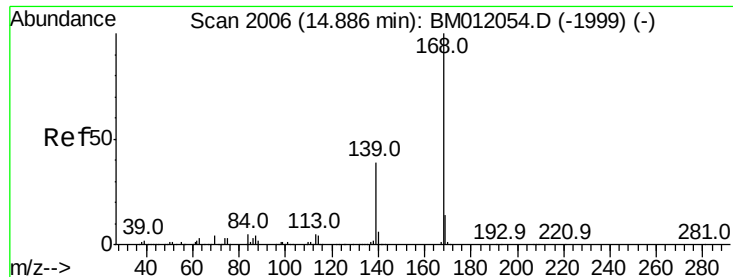
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#49
Acenaphthene
Concen: 2.360 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	87.7	70.4	105.6





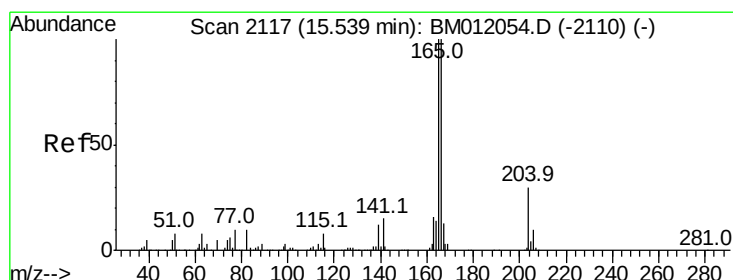
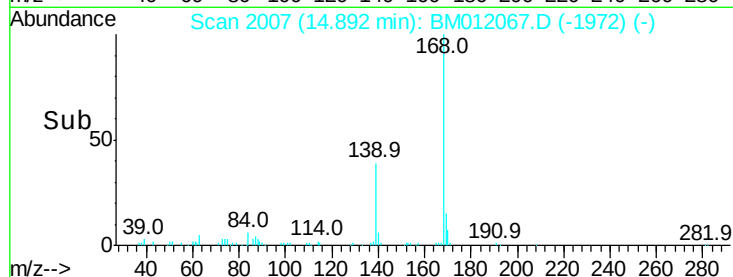
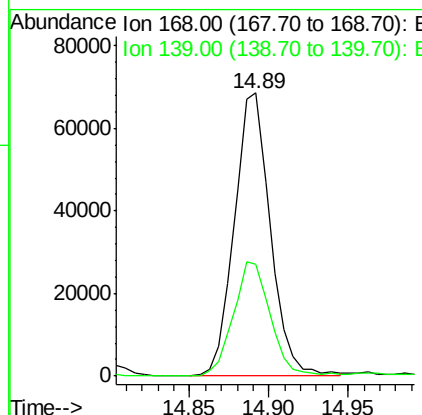
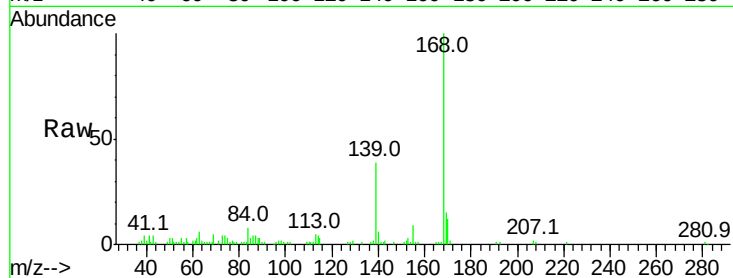
#53
Dibenzenofuran
Concen: 1.646 ng/ul
RT: 14.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampled :
CB3F9

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.8	46.2

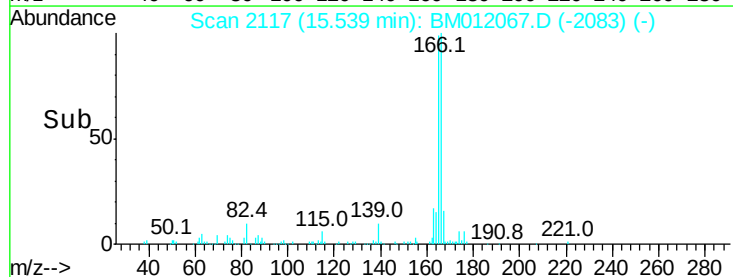
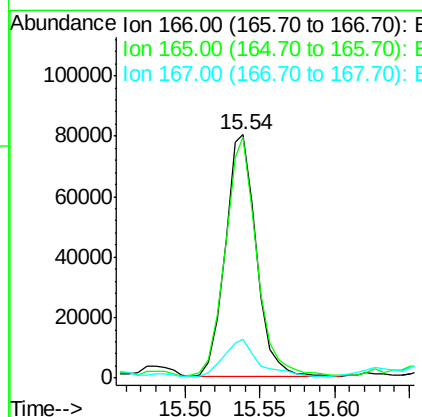
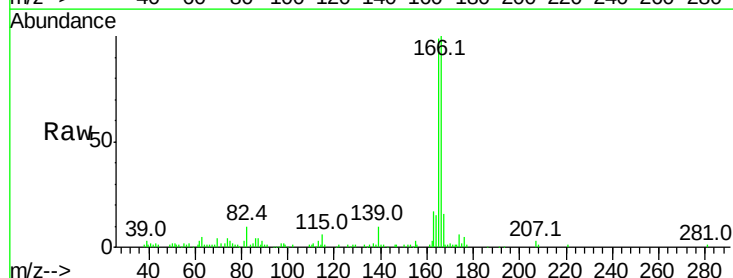
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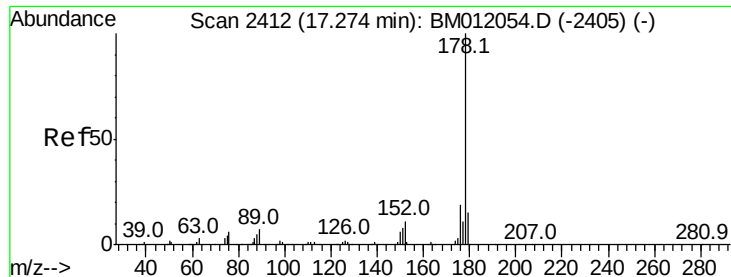
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#58
Fluorene
Concen: 2.120 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	16.2	10.6	16.0#





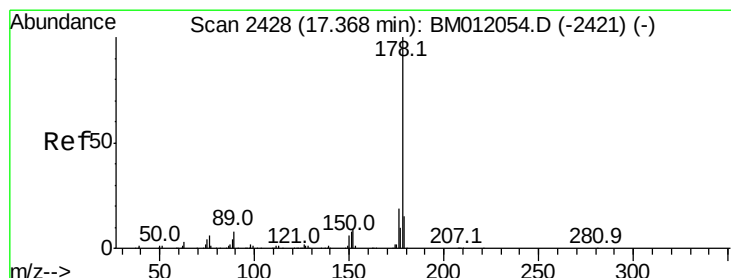
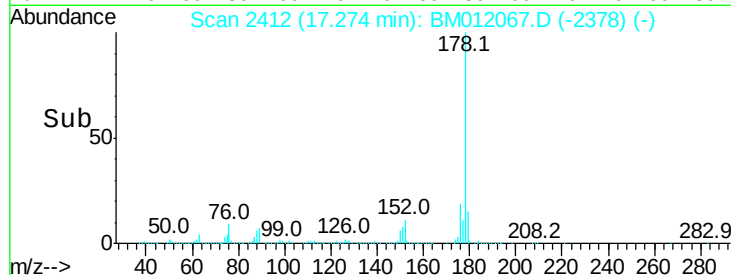
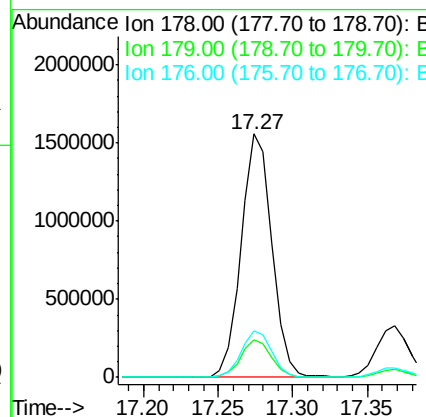
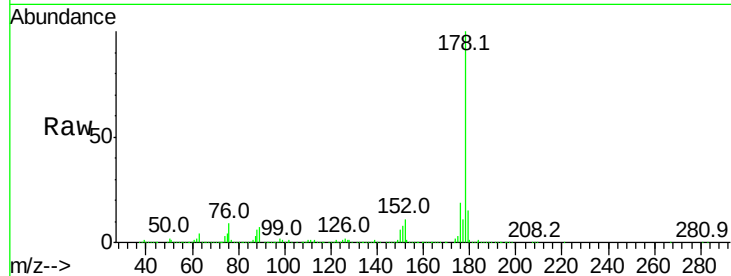
#69
Phenanthrene
Concen: 26.204 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampleId :
CB3F9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	14.9	22.3

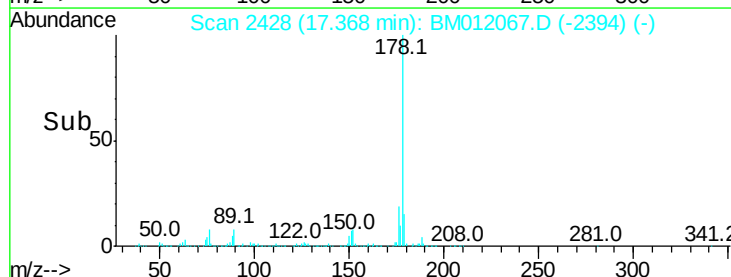
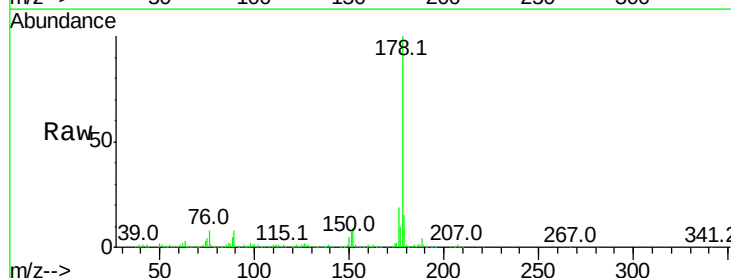
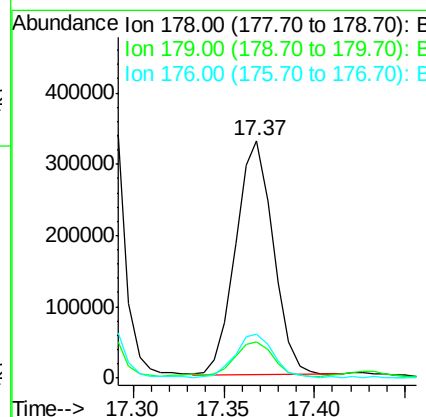
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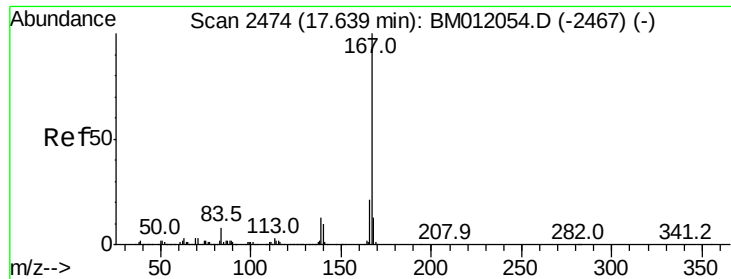
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#71
Anthracene
Concen: 5.505 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.7	14.6	21.8





#72

Carbazole

Concen: 2.167 ng/ul

RT: 17.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Instrument :

BNA_M

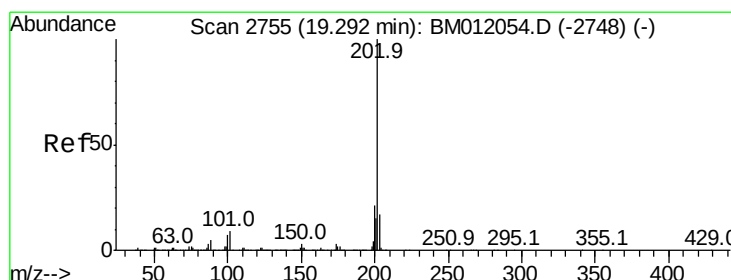
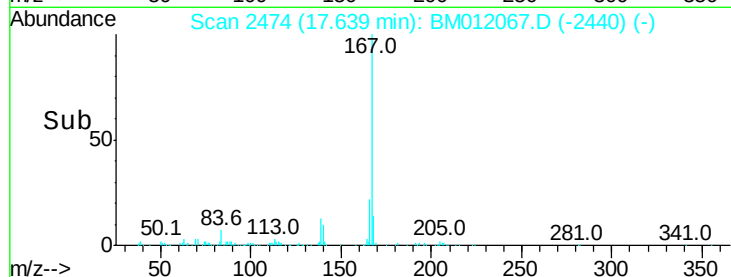
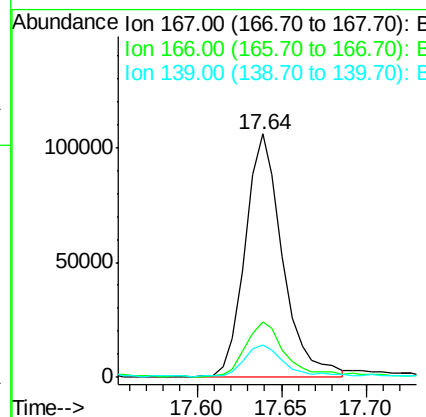
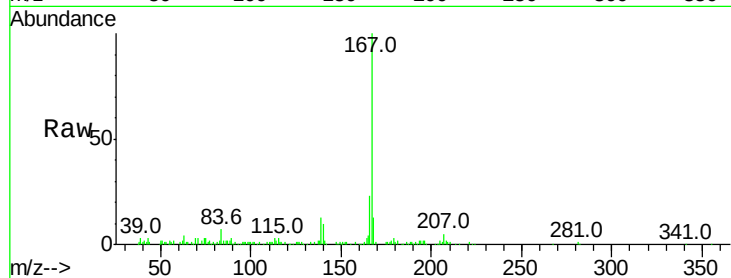
ClientSampleId :

CB3F9

Tot Ion:	167	Resp:	161894
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.1	25.7
139	13.2	10.0	15.0

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#74

Fluoranthene

Concen: 40.379 ng/ul

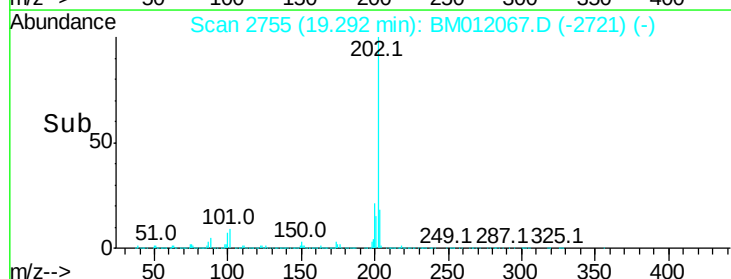
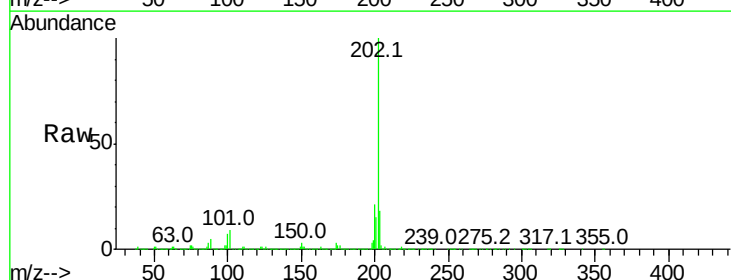
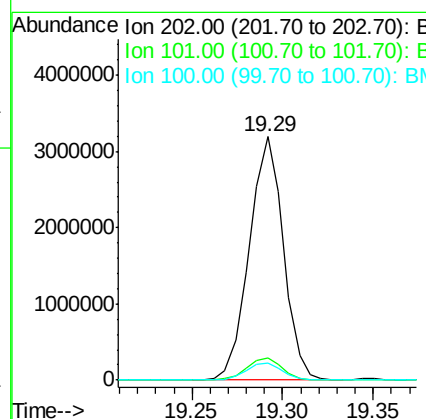
RT: 19.29 min Scan# 2755

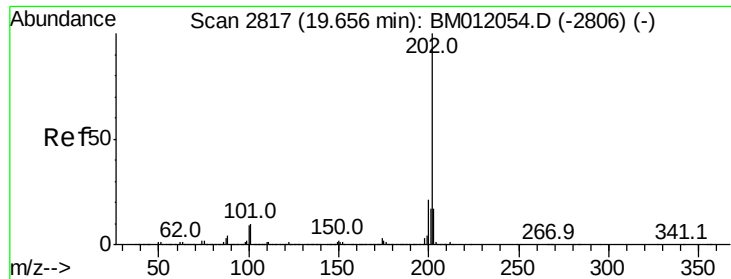
Delta R.T. -0.00 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Tgt Ion:	202	Resp:	4176892
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	7.2	3.4	5.2#





#77

Pvrene

Concen: 37.667 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Instrument :

BNA_M

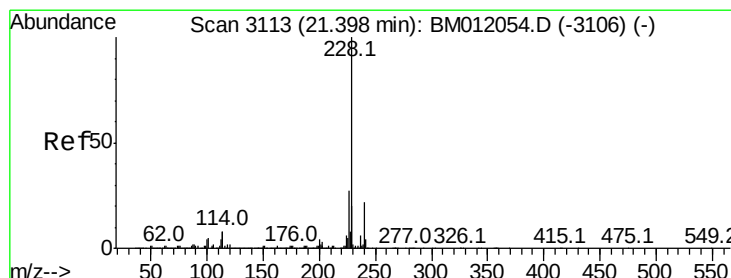
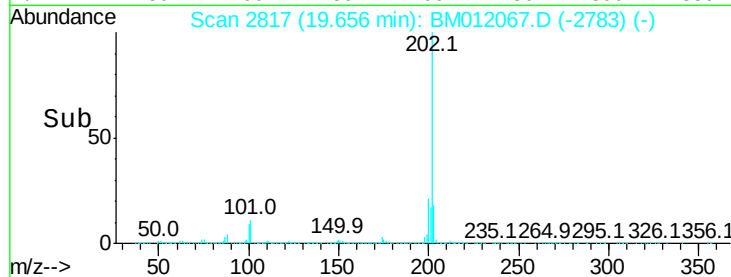
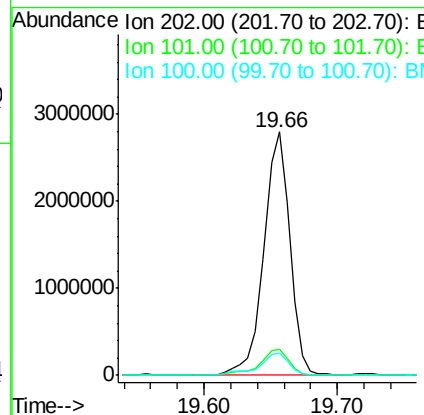
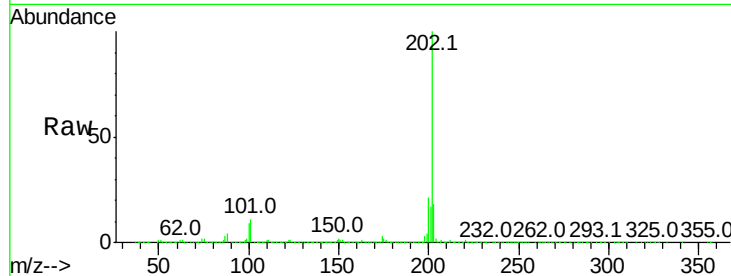
ClientSampleId :

CB3F9

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	9.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 22.012 ng/ul

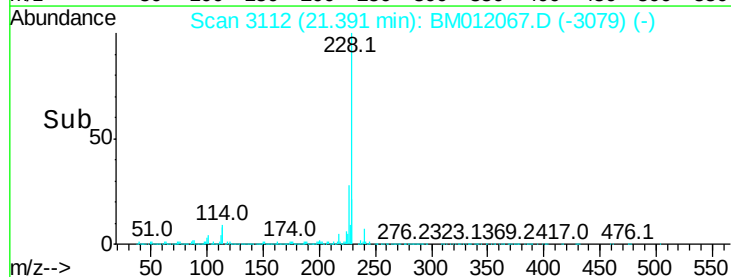
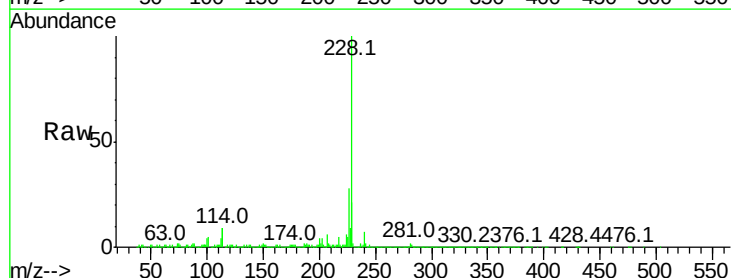
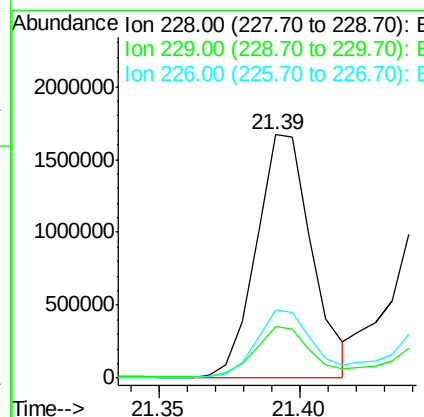
RT: 21.39 min Scan# 3112

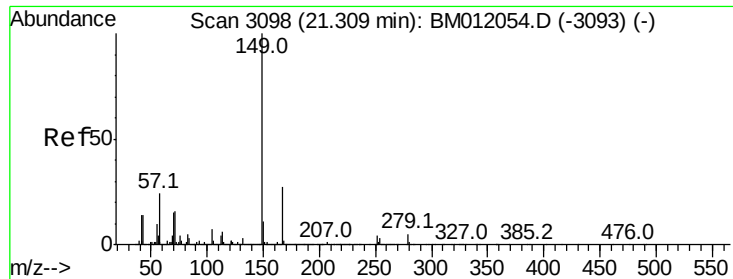
Delta R.T. -0.01 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.9	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.784 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Instrument :

BNA_M

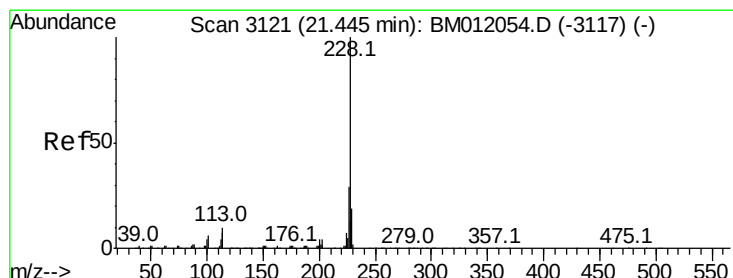
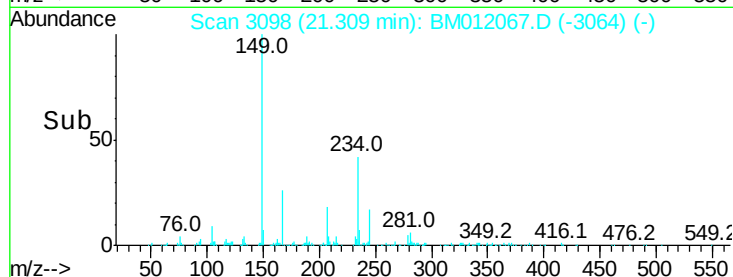
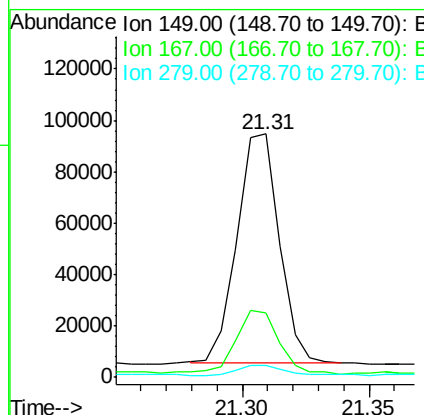
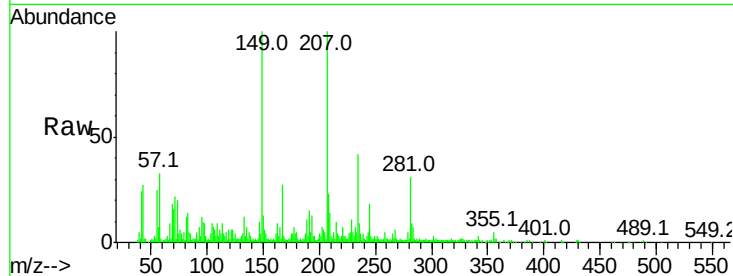
ClientSampleId :

CB3F9

Tot Ion:	149	Resp:	103640
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.8	34.2
279	5.1	4.9	7.3

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#82

Chrysene

Concen: 21.510 ng/ul

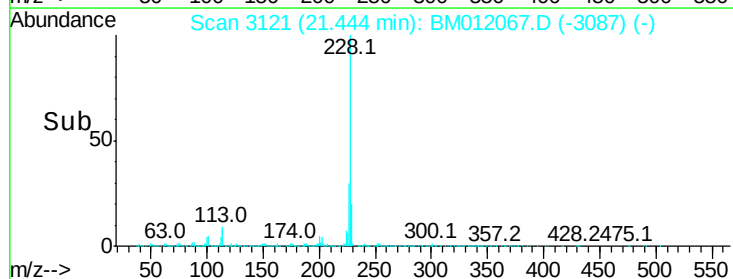
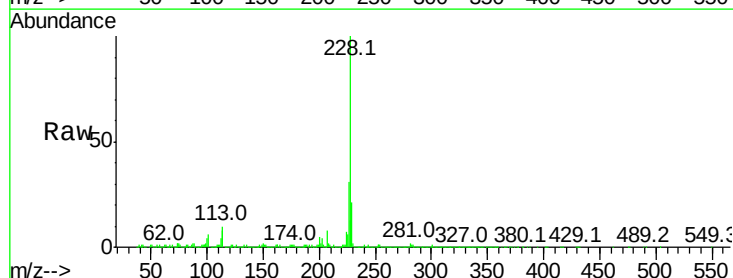
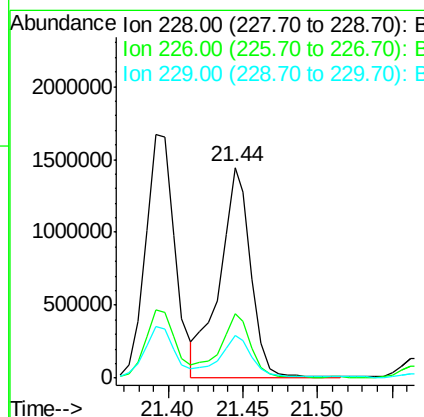
RT: 21.44 min Scan# 3121

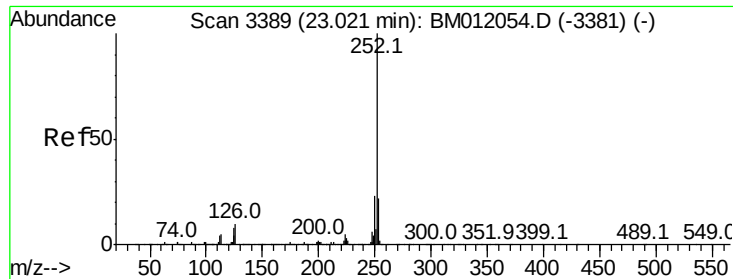
Delta R.T. -0.00 min

Lab File: BM012067.D

Acq: 11 Oct 2017 06:16

Tgt Ion:	228	Resp:	2105434
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.2
229	20.5	15.5	23.3





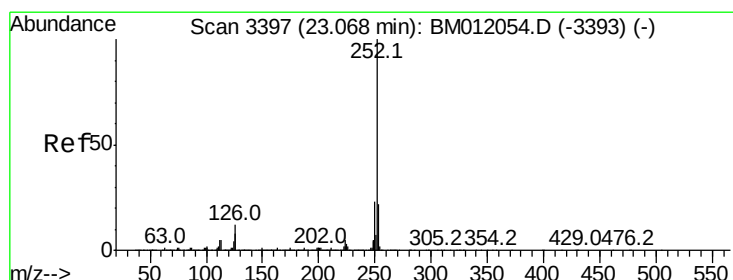
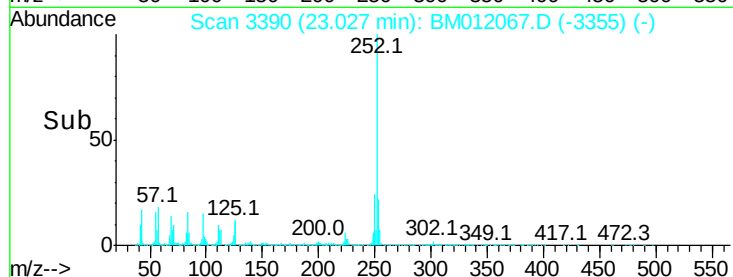
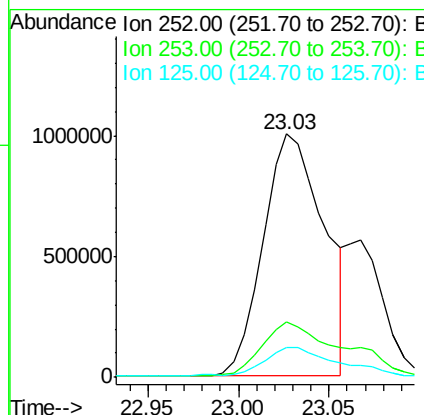
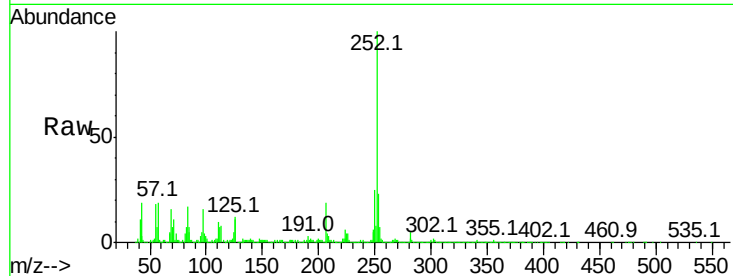
#85
Benzo(b)fluoranthene
Concen: 25.409 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampleId :
CB3F9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.3	3.6	5.4#

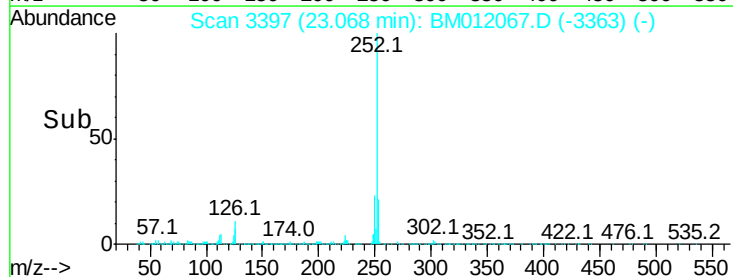
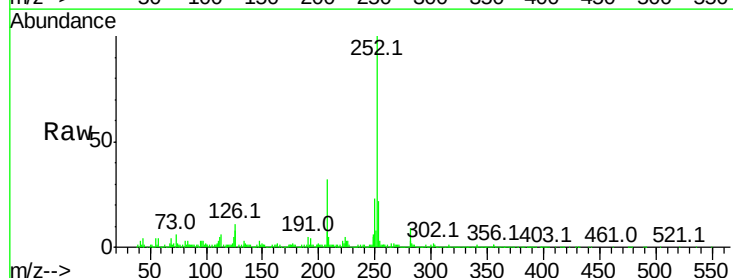
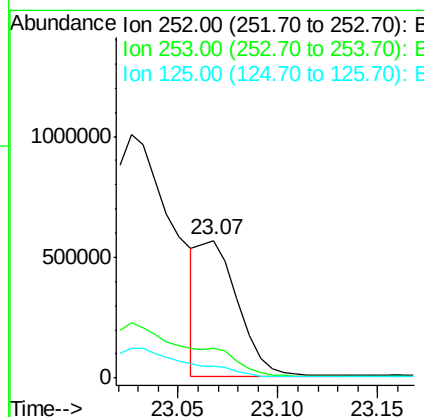
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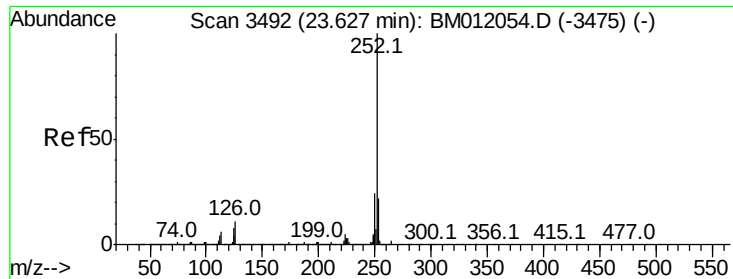
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#86
Benzo(k)fluoranthene
Concen: 8.479 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	8.3	3.4	5.2#





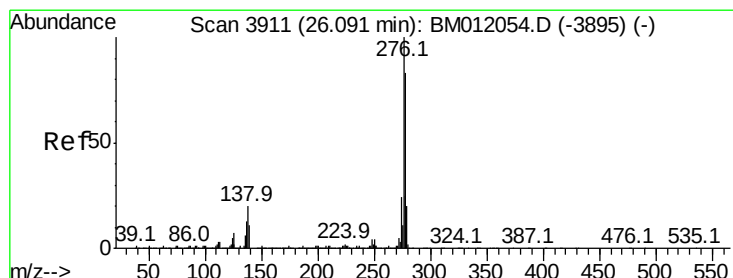
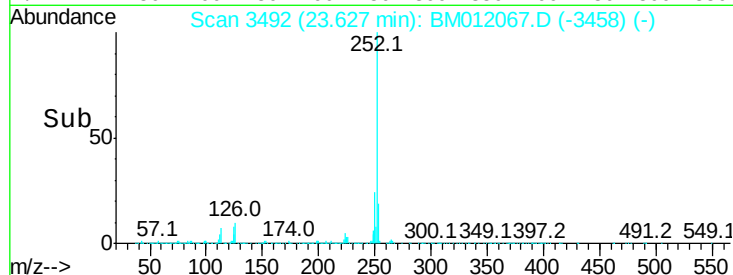
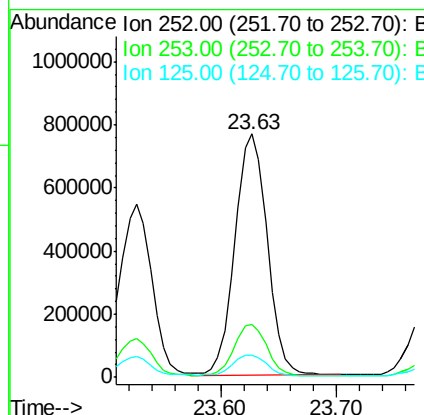
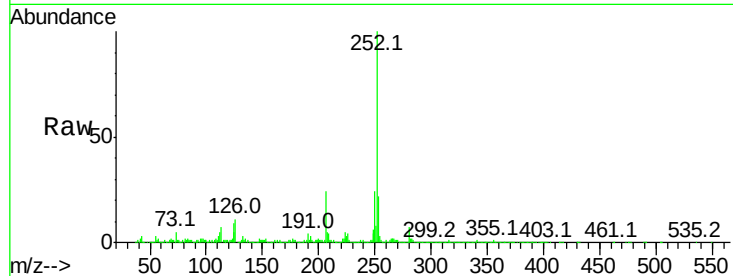
#88
Benzo(a)pyrene
Concen: 16.650 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampled :
CB3F9

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.1	4.0	6.0

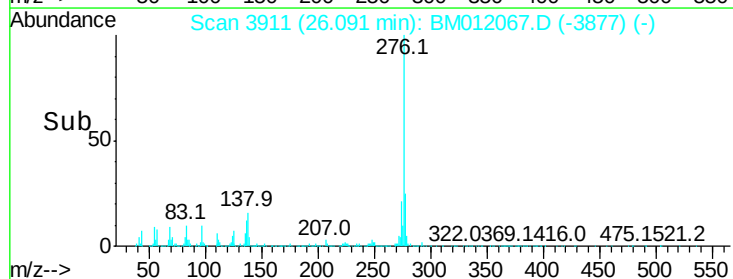
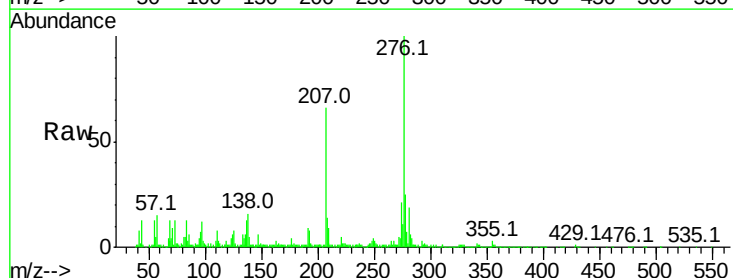
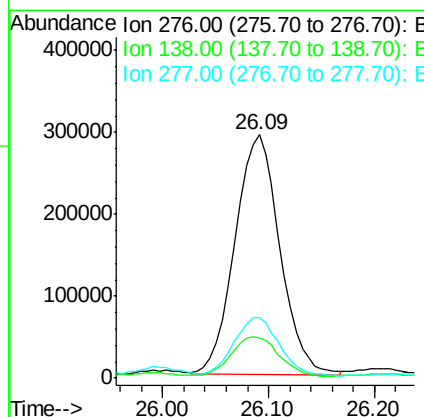
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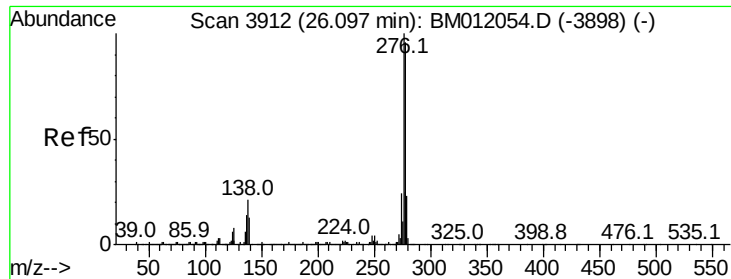
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#89
Indeno(1,2,3-cd)pyrene
Concen: 9.043 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9
277	24.8	19.9	29.9





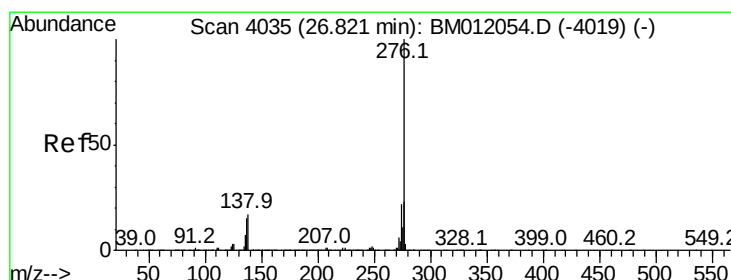
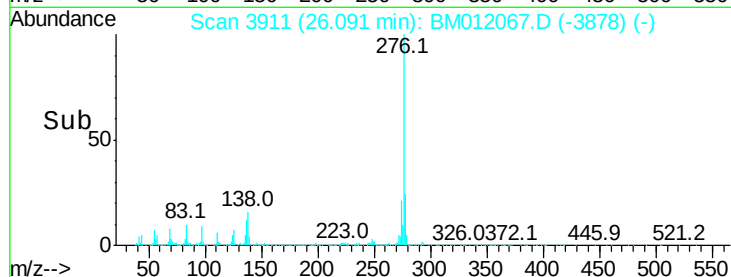
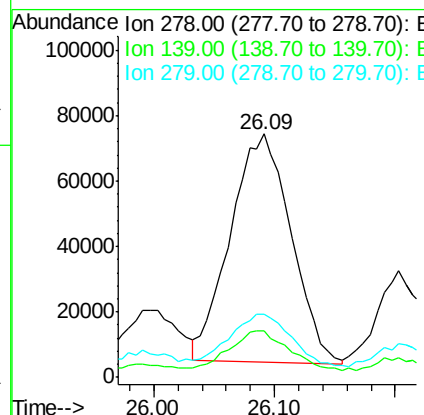
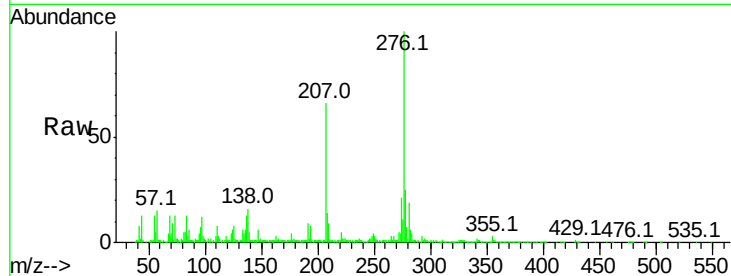
#90
Dibenzo(a,h)anthracene
Concen: 3.094 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Instrument :
BNA_M
ClientSampled :
CB3F9

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	5.8	8.8#
279	26.1	18.6	27.8

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#91
Benzo(g,h,i)perylene
Concen: 8.651 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM012067.D
Acq: 11 Oct 2017 06:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	8.5	12.7#
277	23.8	18.6	28.0

