

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012590.D
 Acq On : 31 Oct 2017 01:13
 Operator : SJ/JU
 Sample : I5886-08MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 04:51:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	415684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1583757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	887358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1978554	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2377514	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2679272	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	29844	3.67	ng/uL	0.00
5) Phenol-d5	7.02	99	531862	15.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	341004	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	445869	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	412075	13.88	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	212823	21.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	232067	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	443102	16.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	128417	4.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1211002	15.62	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1582719	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	141677	12.29	ng/ul	0.00
57) Fluorene-d10	15.48	176	1095938	16.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	148825	15.54	ng/ul	0.00
70) Anthracene-d10	17.33	188	1610236	17.08	ng/ul	0.00
76) Pyrene-d10	19.62	212	1875481	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2082221	16.36	ng/ul	0.00

Target Compounds

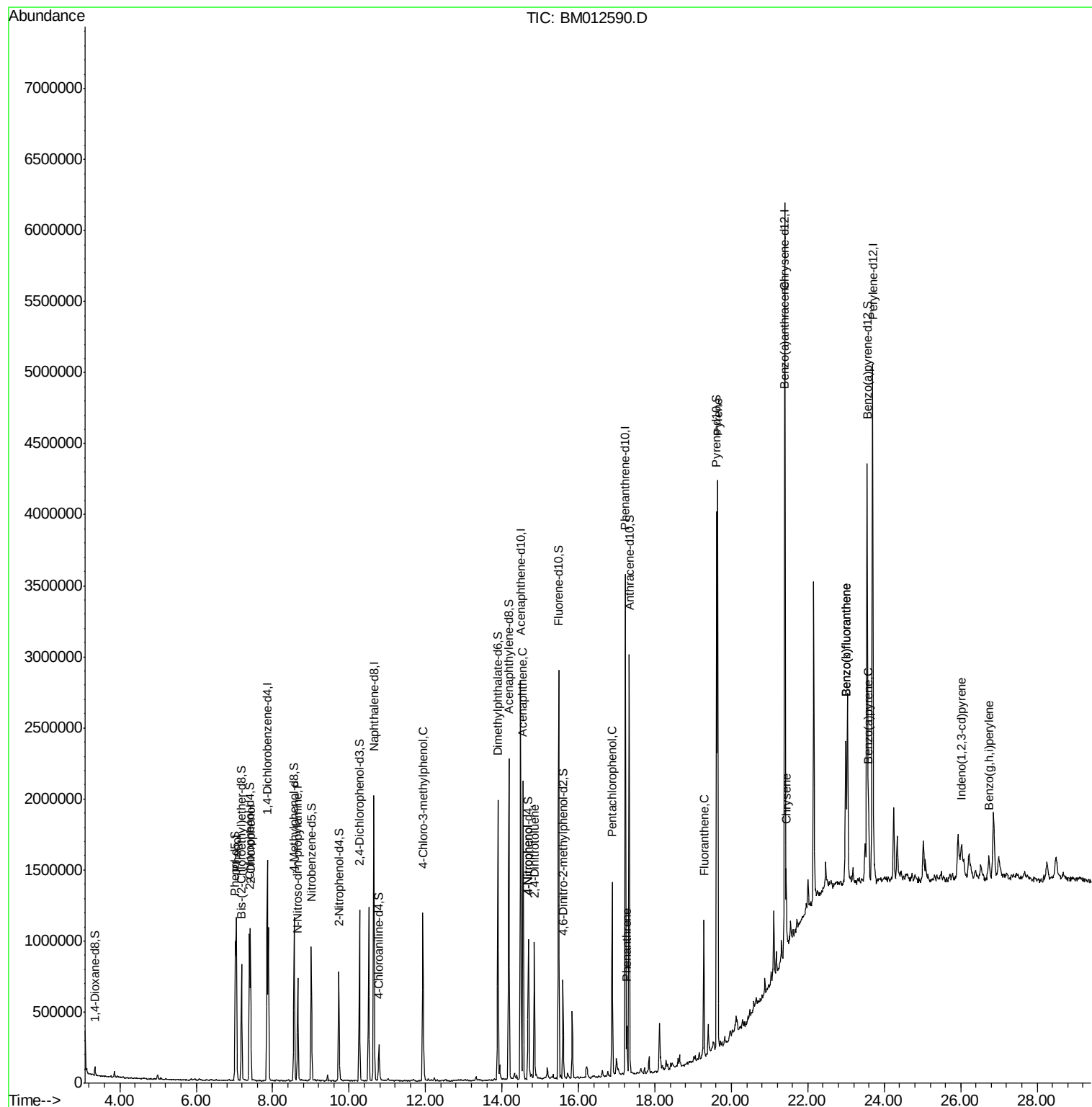
						Ovalue
6) Phenol	7.05	94	587525	16.25	ng/ul#	81
10) 2-Chlorophenol	7.42	128	425343	15.98	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	274632	10.79	ng/ul#	62
33) 4-Chloro-3-methylphenol	11.93	107	397496	13.40	ng/ul	99
49) Acenaphthene	14.55	153	834546	13.92	ng/ul	99
52) 4-Nitrophenol	14.70	109	125647	10.75	ng/ul#	81
54) 2,4-Dinitrotoluene	14.85	165	275269	15.08	ng/ul#	78
68) Pentachlorophenol	16.88	266	245182	17.10	ng/ul	100
69) Phenanthrene	17.27	178	190412	1.78	ng/ul	97
74) Fluoranthene	19.28	202	536967	4.43	ng/ul#	91
77) Pyrene	19.64	202	2336092	17.28	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	250051	1.76	ng/ul	97
82) Chrysene	21.43	228	302972	2.39	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	476097	2.87	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	476097	3.05	ng/ul#	95
88) Benzo(a)pyrene	23.59	252	286836	1.82	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.02	276	250617	1.35	ng/ul#	91
91) Benzo(g,h,i)perylene	26.74	276	204189	1.36	ng/ul#	93

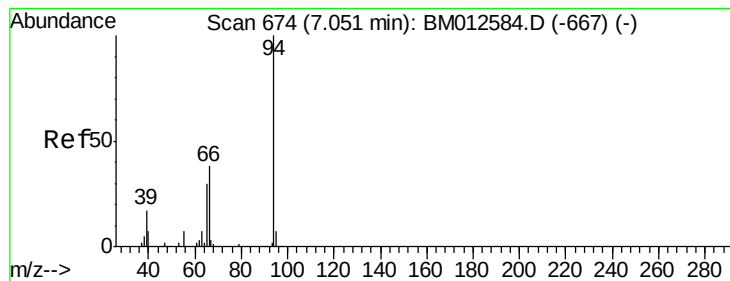
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 16.25 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampled :

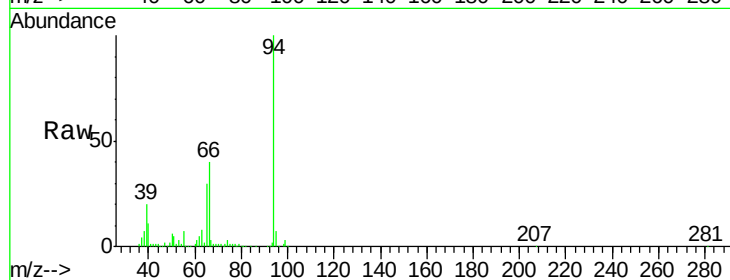
Tot Ion: 94 Resp: 587525

Ion Ratio Lower Upper

94 100

65 30.2 28.2 42.4

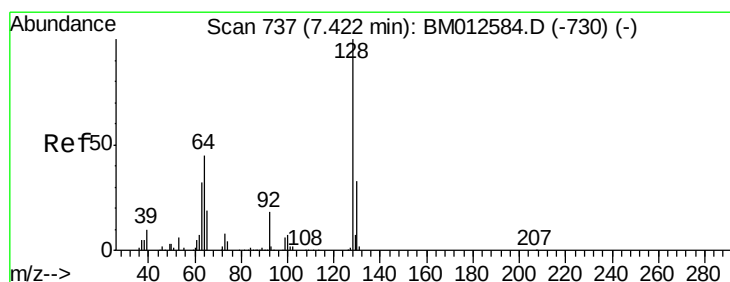
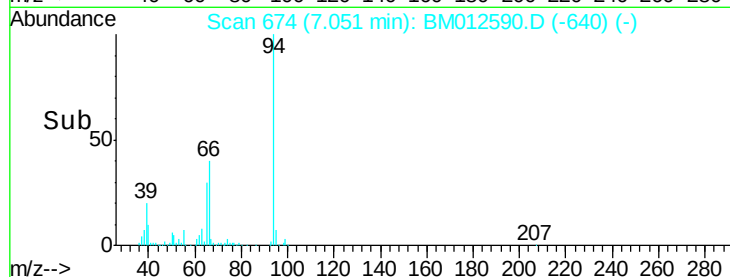
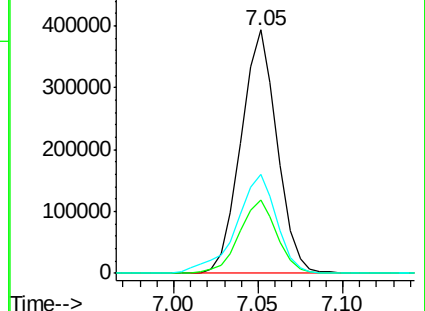
66 40.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012584.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM012584.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM012584.D (-667) (-)



#10

2-Chlorophenol

Concen: 15.98 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

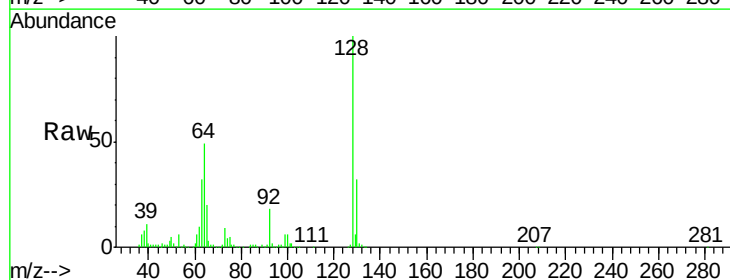
Tgt Ion: 128 Resp: 425343

Ion Ratio Lower Upper

128 100

64 49.2 38.0 57.0

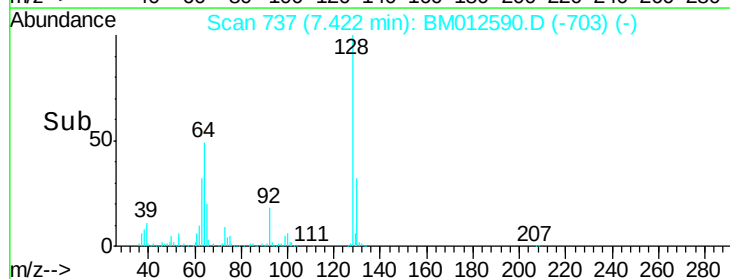
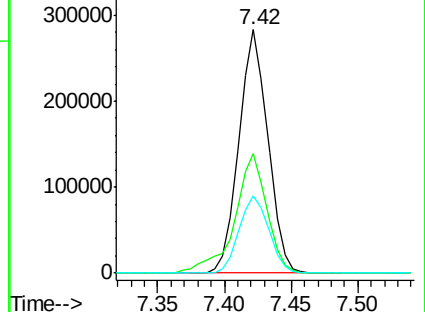
130 31.7 24.4 36.6

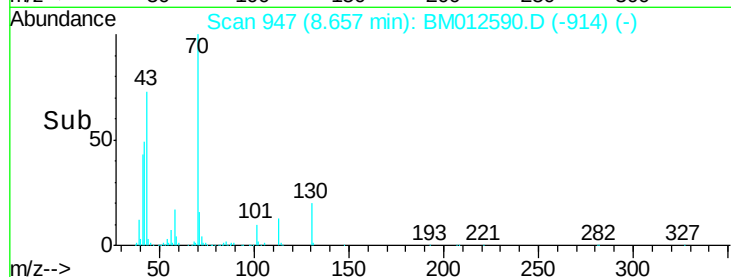
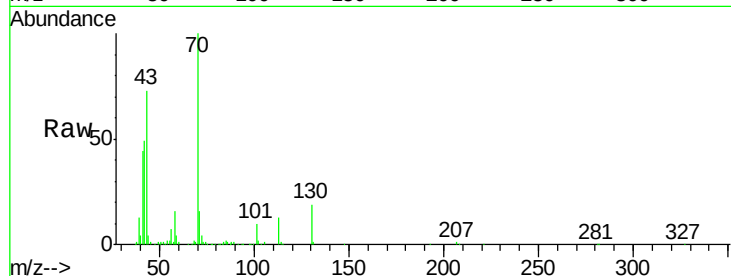
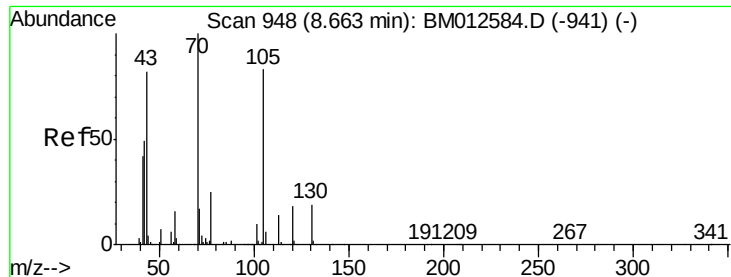


Abundance Ion 128.00 (127.70 to 128.70): BM012584.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM012584.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM012584.D (-730) (-)

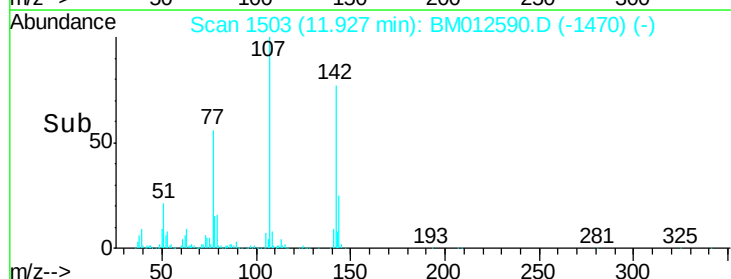
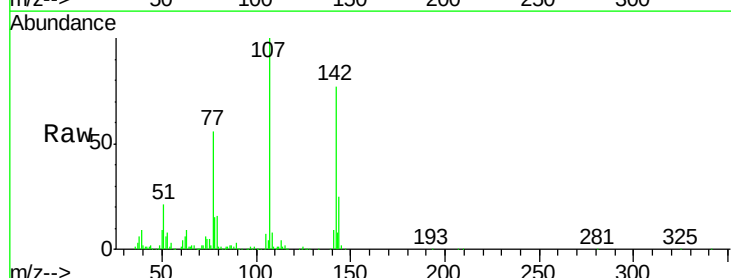
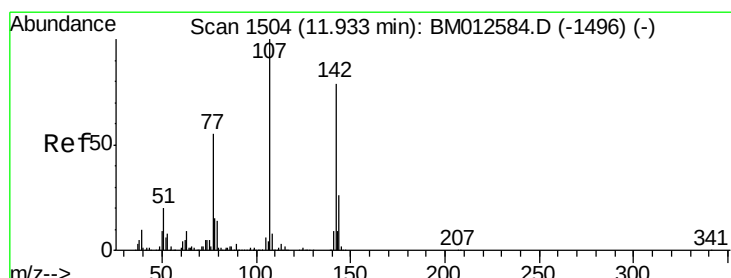
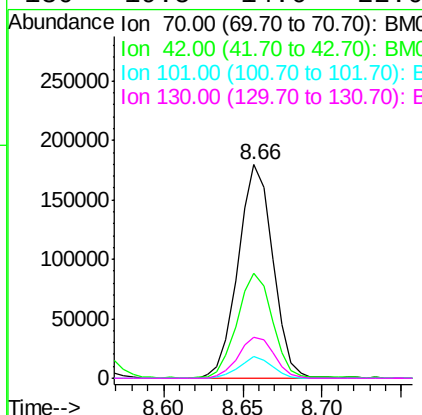




#15
N-Nitroso-di-n-propylamine
Concen: 10.79 ng/ul
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

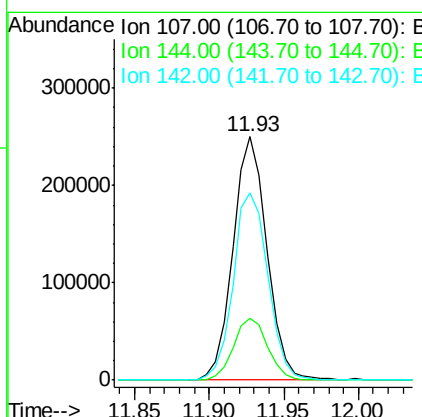
Instrument :
BNA_M
ClientSampleId :

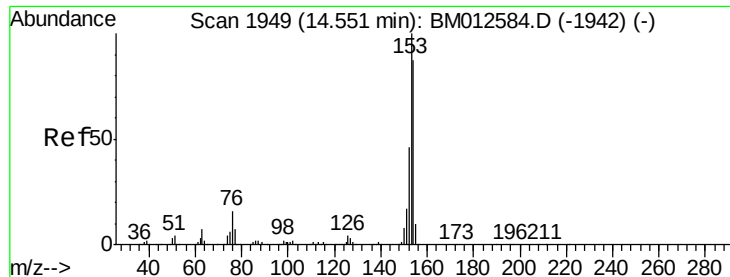
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	76.0	114.0	
101	10.3	6.7	10.1	
130	19.5	14.6	22.0	



#33
4-Chloro-3-methylphenol
Concen: 13.40 ng/ul
RT: 11.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	20.4	30.6	
142	77.1	60.5	90.7	





#49

Acenaphthene

Concen: 13.92 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampleId :

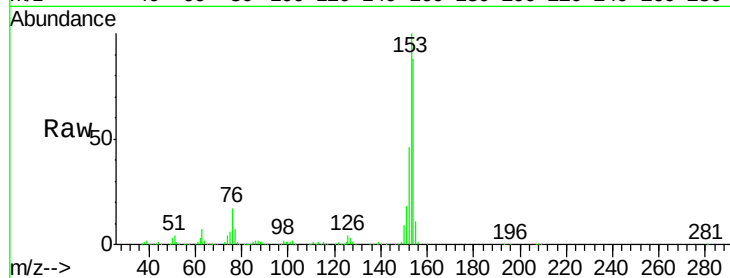
Tot Ion:153 Resp: 834546

Ion Ratio Lower Upper

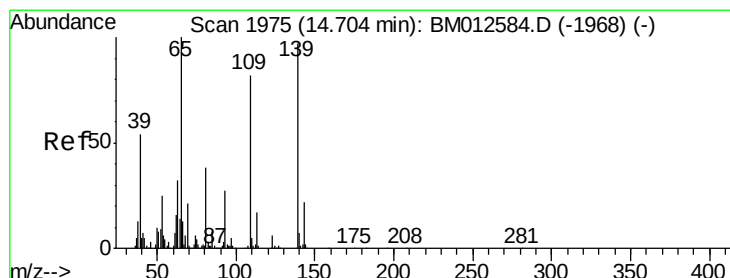
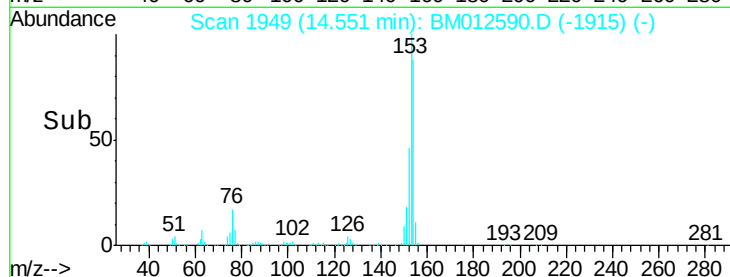
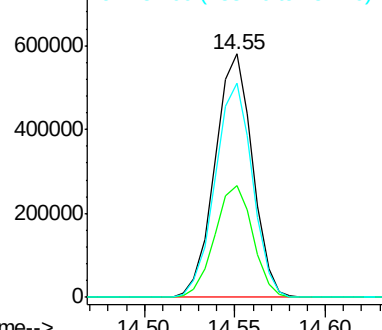
153 100

152 46.2 37.6 56.4

154 88.2 70.4 105.6



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



#52

4-Nitrophenol

Concen: 10.75 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

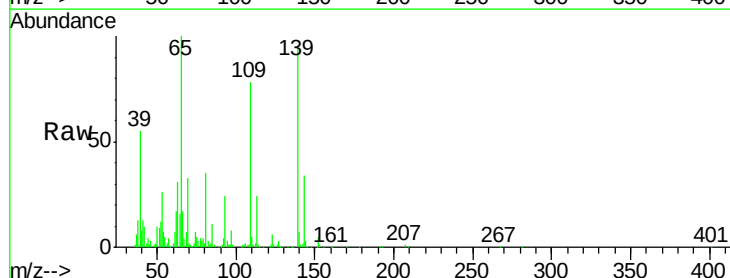
Tgt Ion:109 Resp: 125647

Ion Ratio Lower Upper

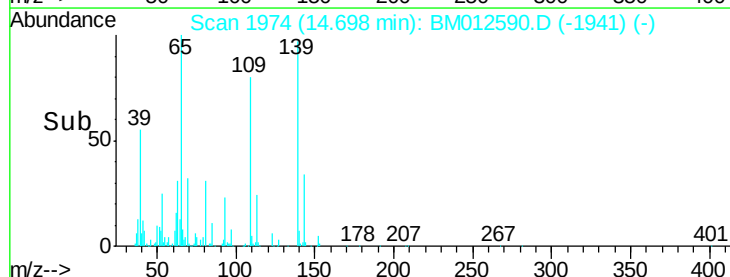
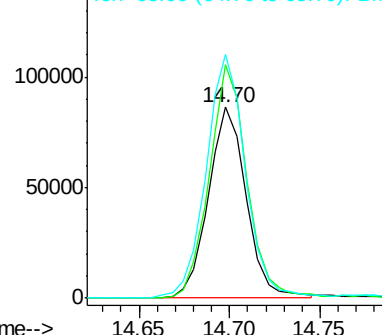
109 100

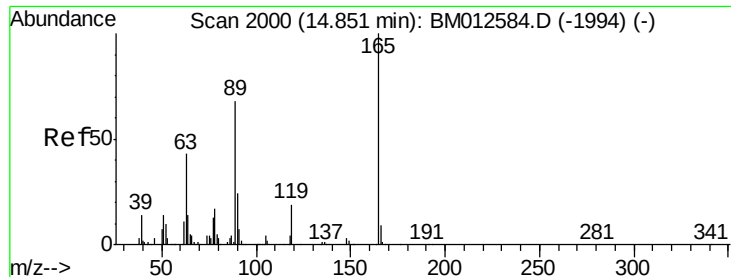
139 122.1 80.0 120.0#

65 127.6 120.0 180.0



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): E

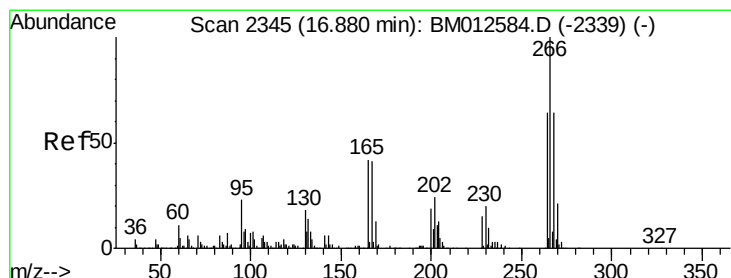
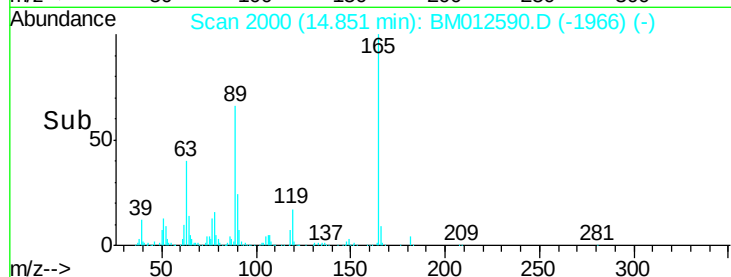
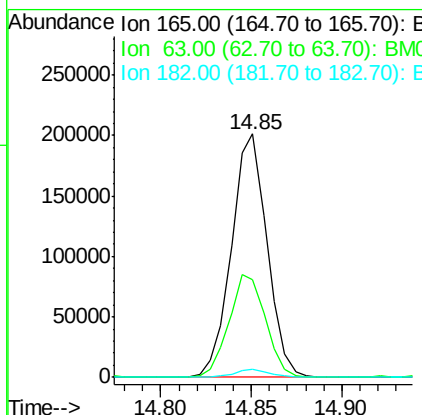
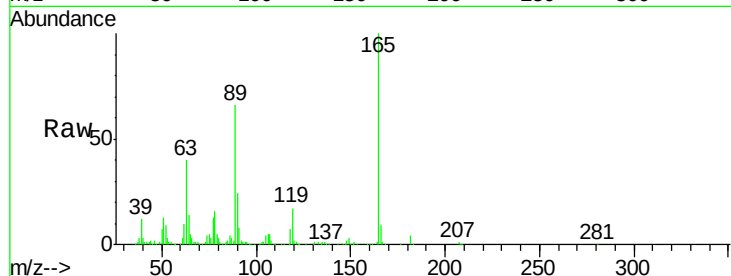




#54
 2,4-Dinitrotoluene
 Concen: 15.08 ng/ul
 RT: 14.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BM012590.D
 Acq: 31 Oct 2017 01:13

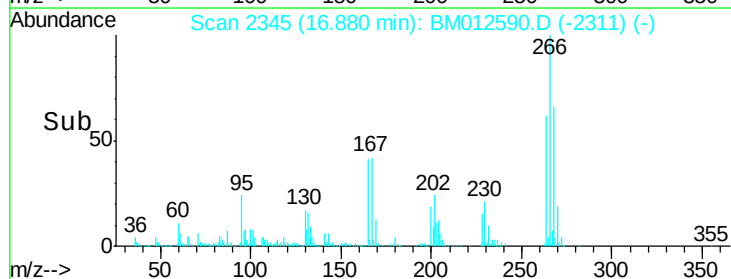
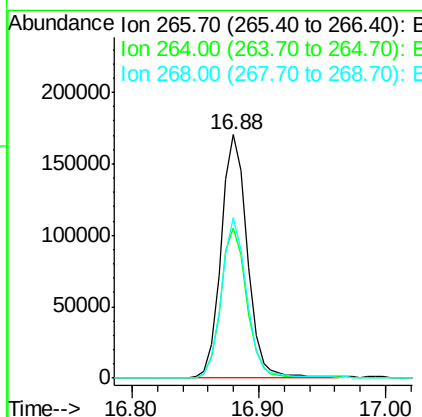
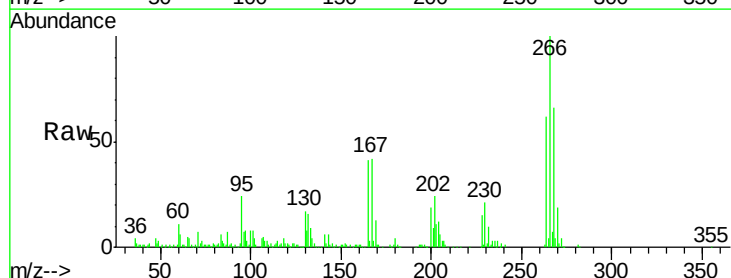
Instrument :
 BNA_M
 ClientSampleId :

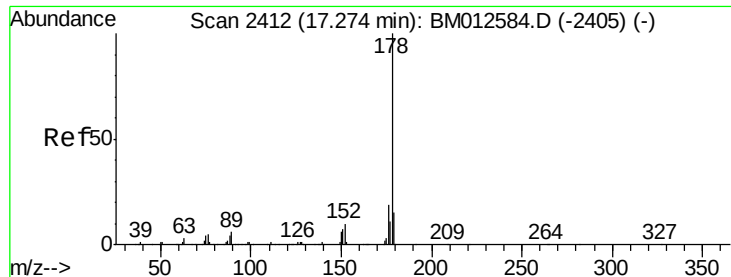
Tot Ion:165 Resp: 275269
 Ion Ratio Lower Upper
 165 100
 63 40.3 45.8 68.8#
 182 3.5 2.6 4.0



#68
 Pentachlorophenol
 Concen: 17.10 ng/ul
 RT: 16.88 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BM012590.D
 Acq: 31 Oct 2017 01:13

Tgt Ion:266 Resp: 245182
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.3 73.9
 268 65.8 52.6 78.8





#69

Phenanthrene

Concen: 1.78 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampleId :

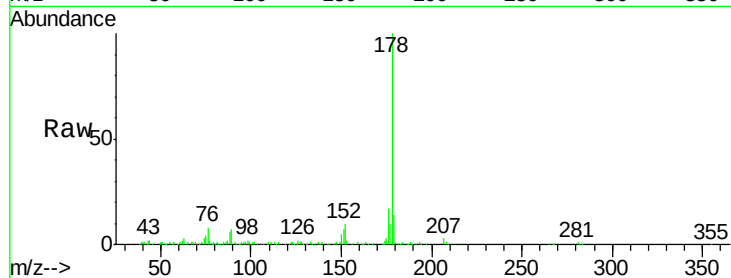
Tot Ion:178 Resp: 190412

Ion Ratio Lower Upper

178 100

179 14.2 12.6 19.0

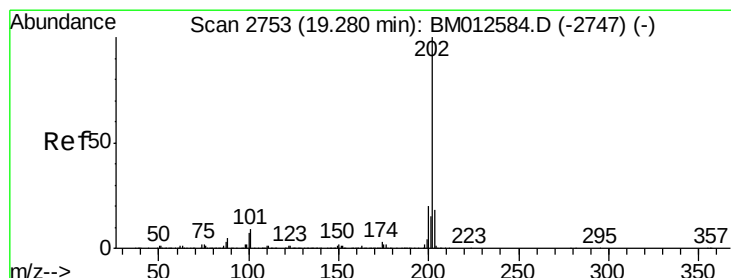
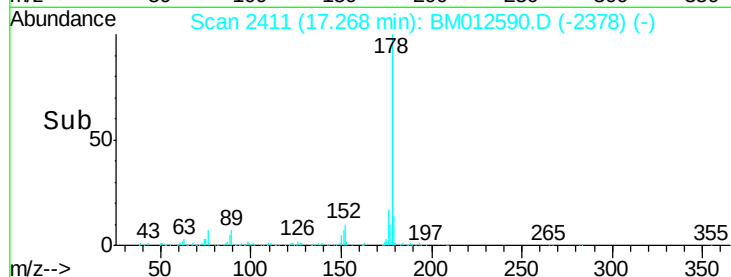
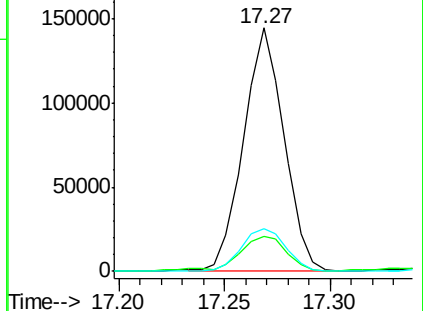
176 17.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 4.43 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

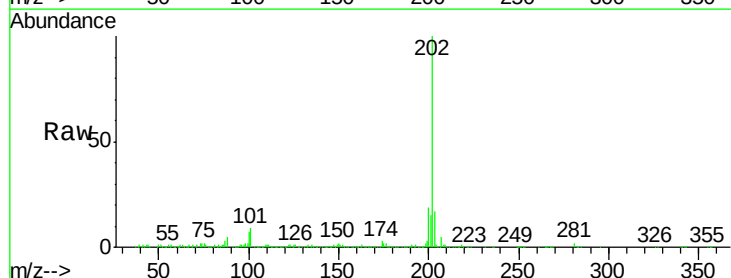
Tgt Ion:202 Resp: 536967

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

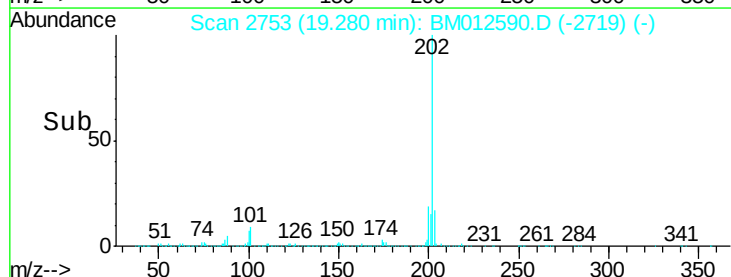
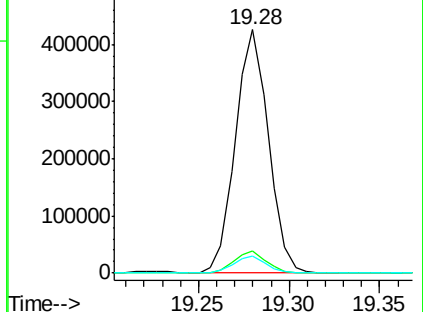
100 6.8 3.4 5.2#

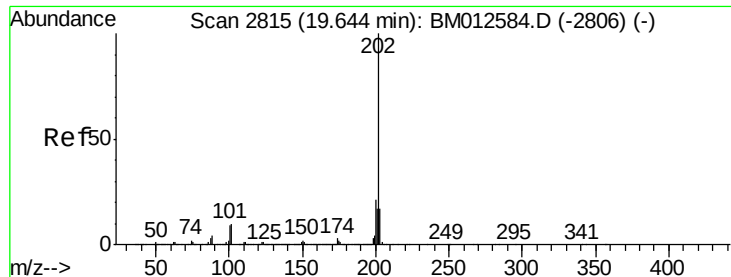


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 17.28 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampleId :

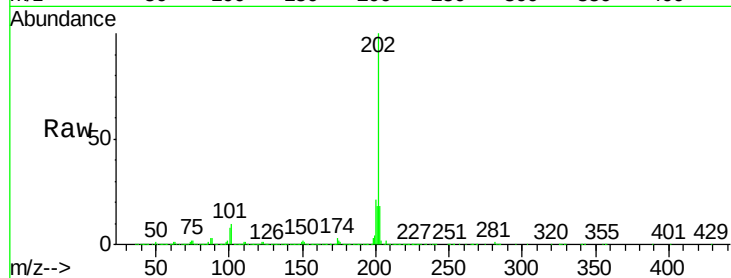
Tot Ion:202 Resp: 2336092

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

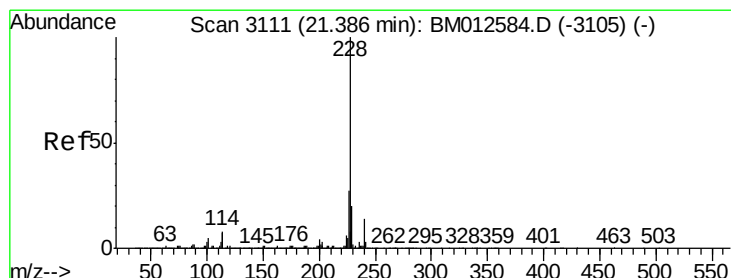
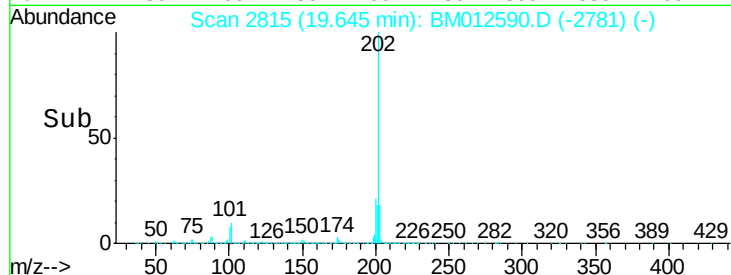
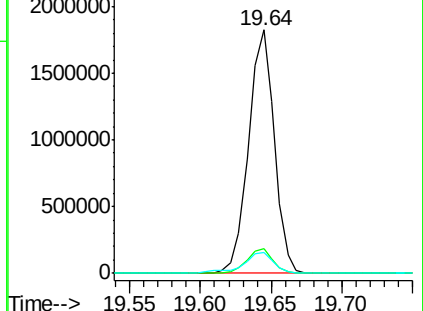
100 8.4 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.76 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

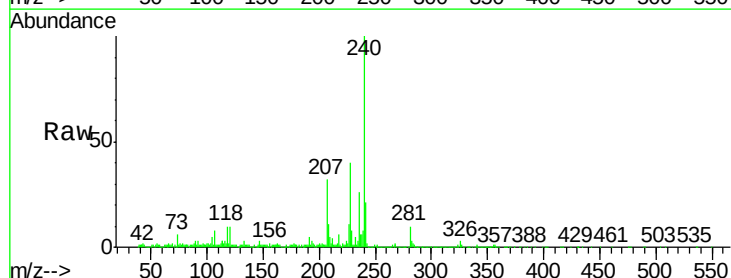
Tgt Ion:228 Resp: 250051

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.0

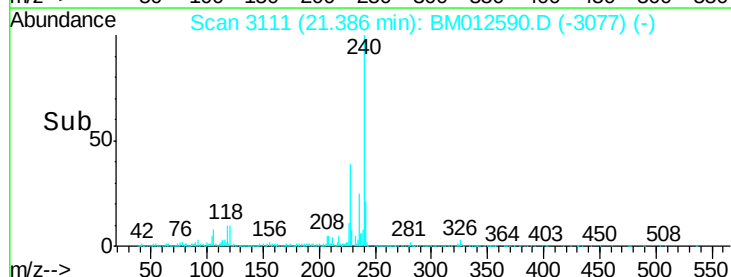
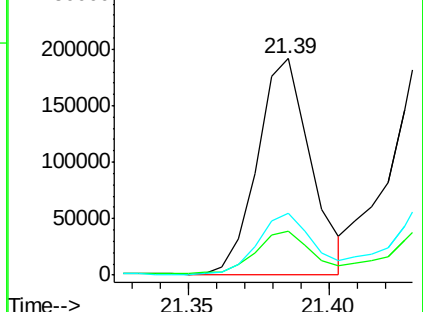
226 28.5 21.4 32.0

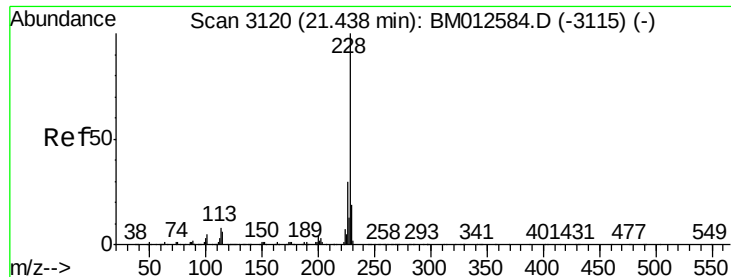


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.39 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

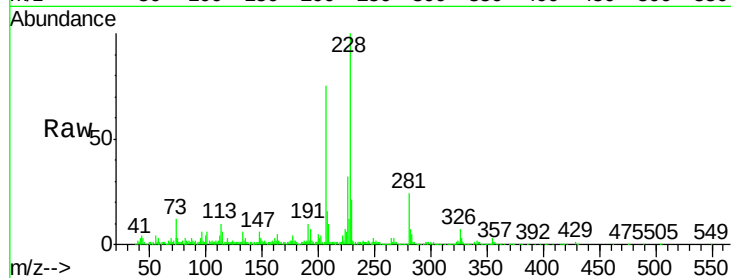
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 302972

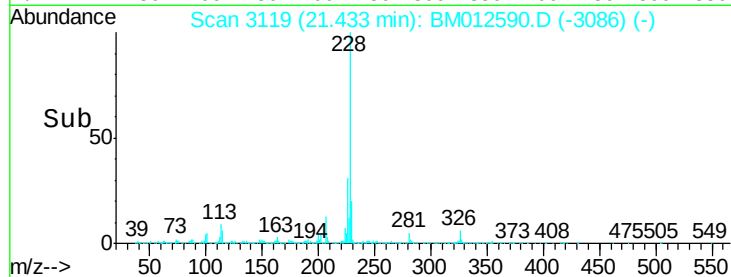
Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	20.9	15.5	23.3



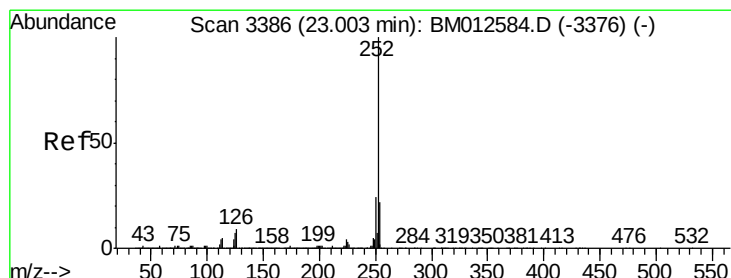
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 23.00 min Scan# 3386

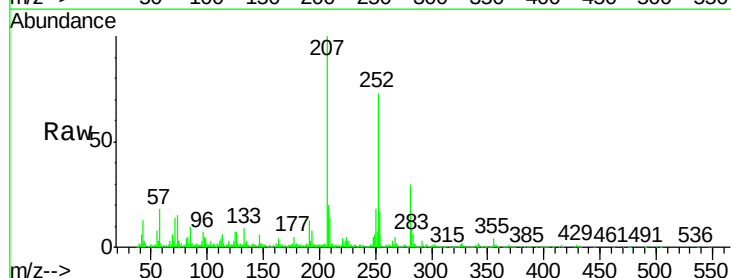
Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion:252 Resp: 476097

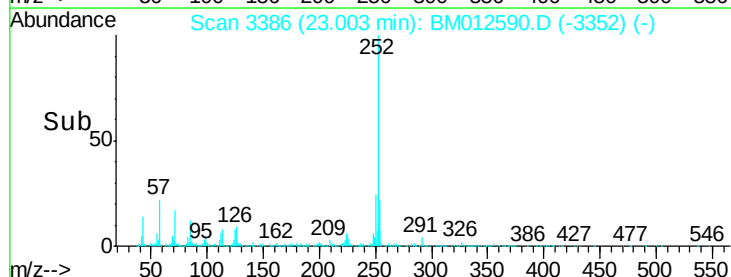
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	3.6	5.4



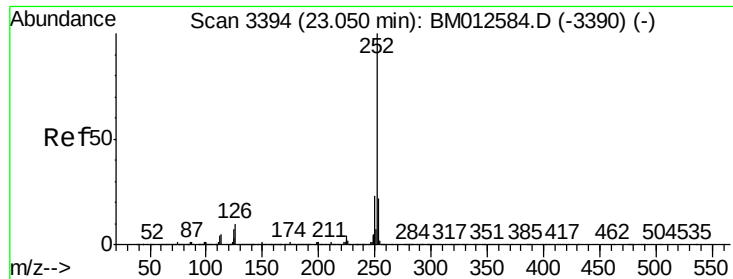
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



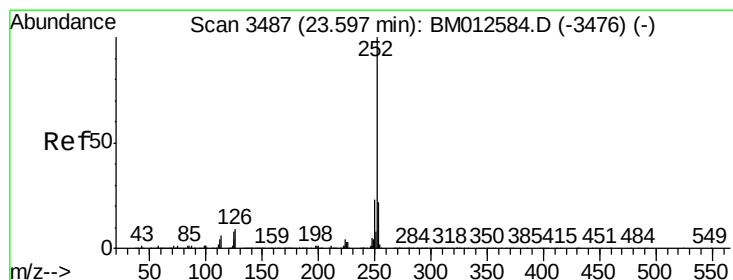
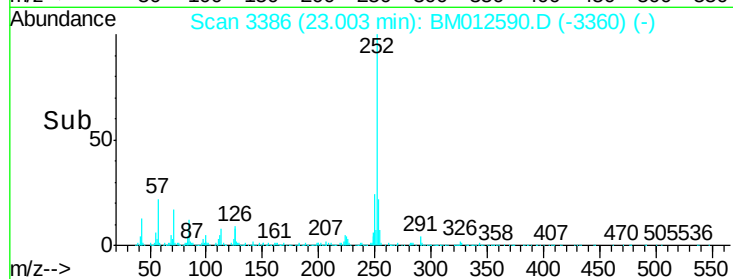
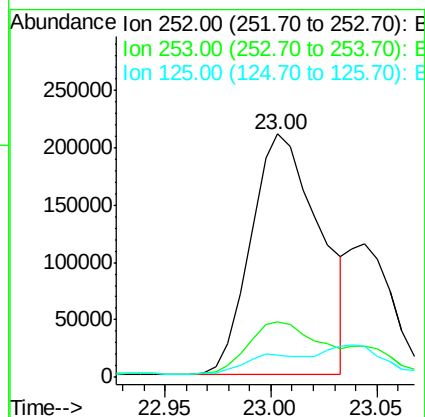
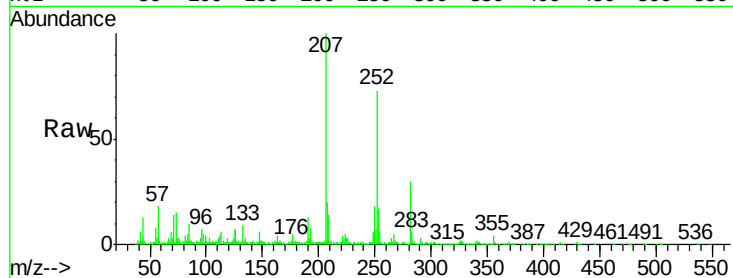
Time-->



#86
Benzo(k)fluoranthene
Concen: 3.05 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. -0.05 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

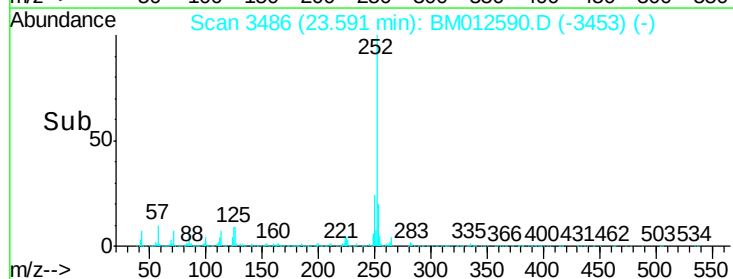
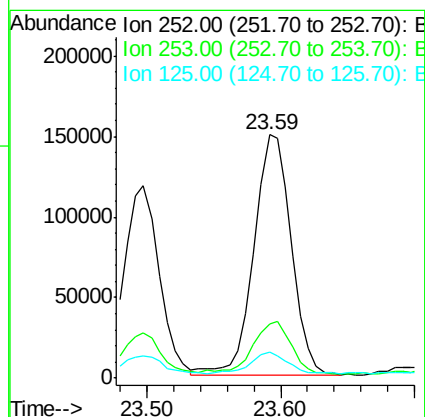
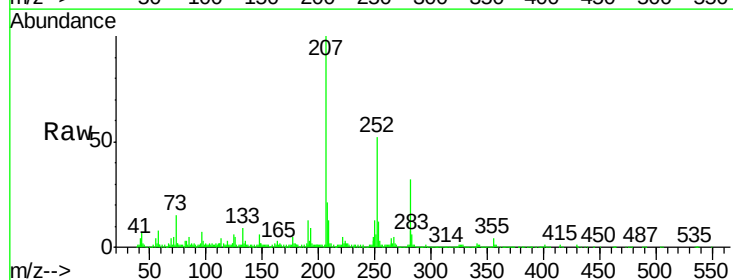
Instrument :
BNA_M
ClientSampleId :

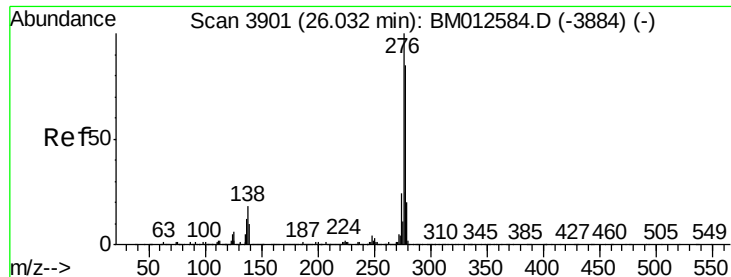
Tot Ion:252 Resp: 476097
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.2 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.82 ng/ul
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Tgt Ion:252 Resp: 286836
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.6 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.35 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampleId :

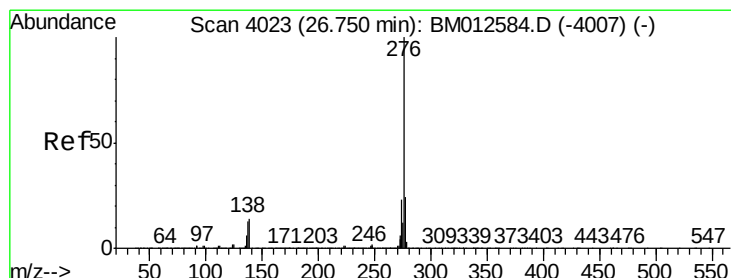
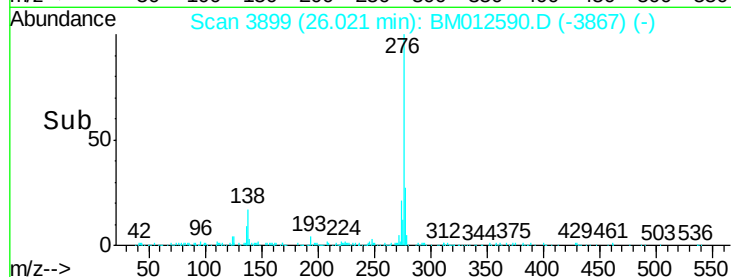
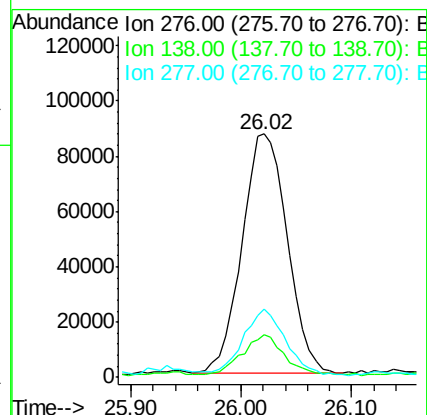
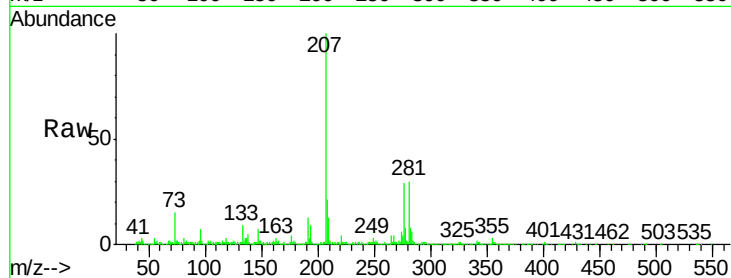
Tot Ion:276 Resp: 250617

Ion Ratio Lower Upper

276 100

138 17.5 9.3 13.9#

277 28.1 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 1.36 ng/ul

RT: 26.74 min Scan# 4021

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion:276 Resp: 204189

Ion Ratio Lower Upper

276 100

138 16.1 8.5 12.7#

277 25.1 18.6 28.0

