

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
 Data File : BM007807.D
 Acq On : 09 Nov 2016 21:05
 Operator : UM/SJ
 Sample : H5554-20MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N91MS

Quant Time: Nov 09 23:37:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 23:34:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	169048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	632467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	398910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	801734	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1034624	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1066310	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12420	3.15	ng/uL	0.00
5) Phenol-d5	6.92	99	288057	22.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	174746	22.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	221901	22.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	214748	21.03	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	121184	26.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	136859	28.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	242439	25.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	245951	22.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	787953	29.01	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	920570	28.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	117361	27.33	ng/ul	0.00
57) Fluorene-d10	15.37	176	692404	29.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	107662	22.60	ng/ul	0.00
70) Anthracene-d10	17.22	188	1125076	31.14	ng/ul	0.00
76) Pyrene-d10	19.52	212	1438881	33.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1578309	33.90	ng/ul	0.00

Target Compounds

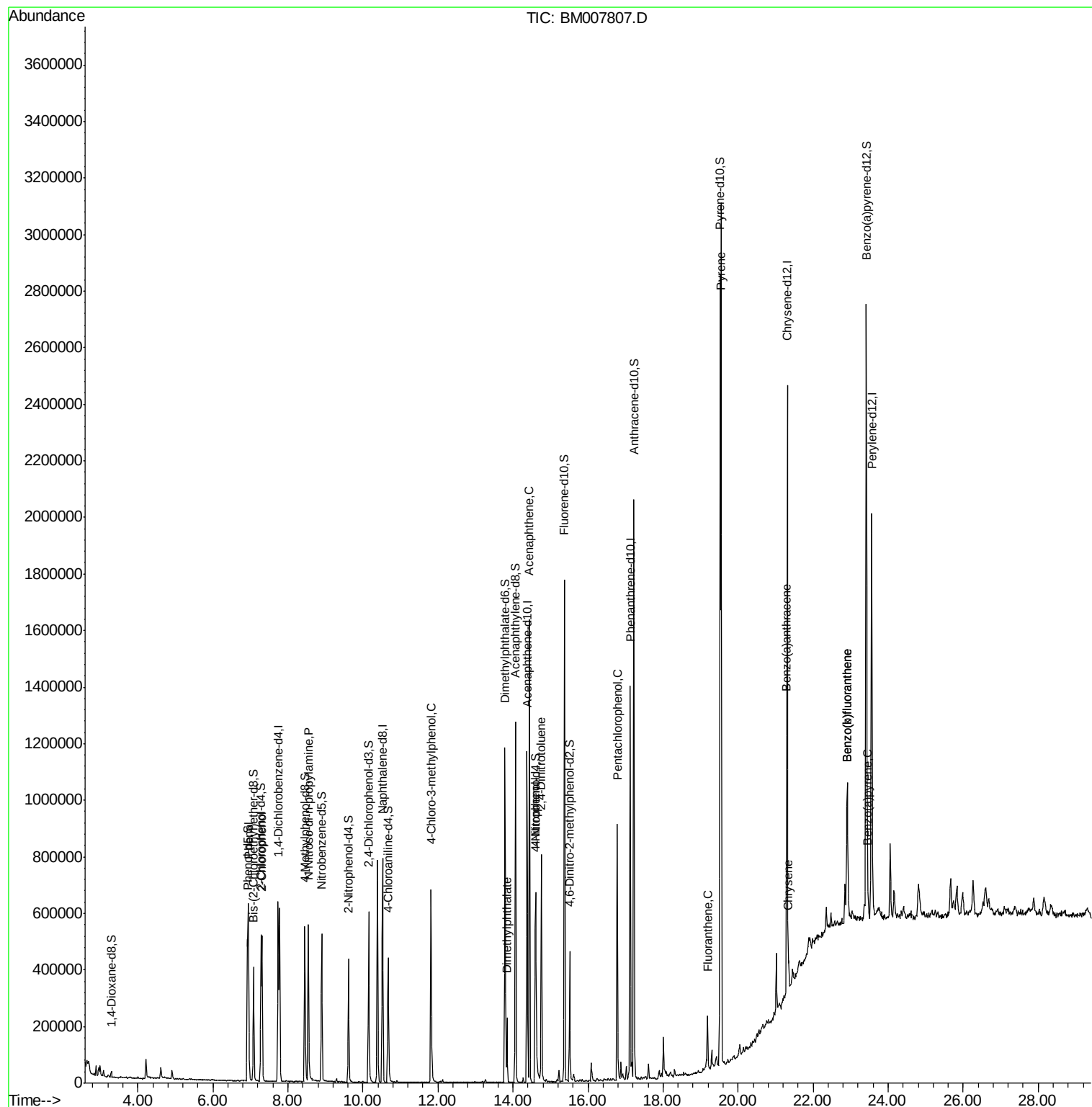
						Qvalue
6) Phenol	6.95	94	350559	26.18	ng/ul	99
10) 2-Chlorophenol	7.31	128	217505	21.19	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	216310	27.23	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	275677	28.14	ng/ul	95
44) Dimethylphthalate	13.84	163	146129	5.54	ng/ul	100
49) Acenaphthene	14.44	153	631417	27.60	ng/ul	99
52) 4-Nitrophenol	14.61	109	114256	26.82	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	223635	31.24	ng/ul	97
68) Pentachlorophenol	16.78	266	169182	29.80	ng/ul	99
74) Fluoranthene	19.19	202	109807	2.20	ng/ul	99
77) Pyrene	19.55	202	1868000	34.95	ng/ul	100
80) Benzo(a)anthracene	21.29	228	57164	1.03	ng/ul	95
82) Chrysene	21.34	228	64236	1.21	ng/ul	98
85) Benzo(b)fluoranthene	22.89	252	91856	1.51	ng/ul#	91
86) Benzo(k)fluoranthene	22.89	252	91856	1.64	ng/ul#	92
88) Benzo(a)pyrene	23.46	252	64918	1.13	ng/ul#	91

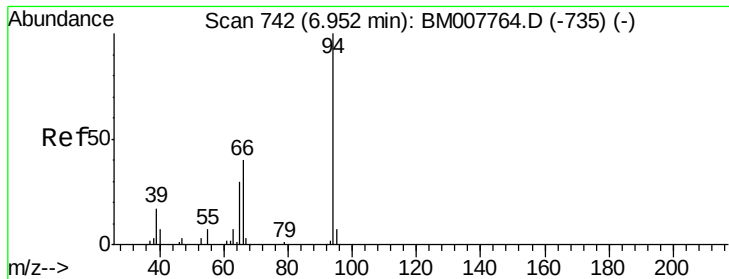
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 26.18 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

Instrument :

BNA_M

ClientSampleId :

E5N91MS

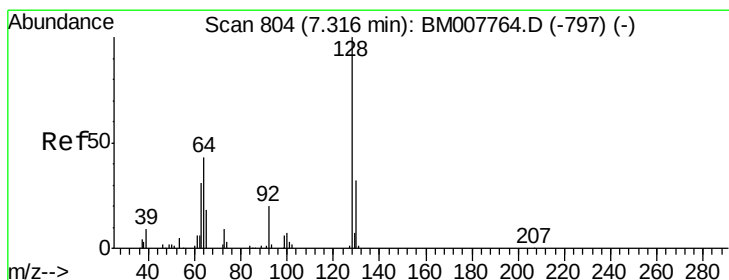
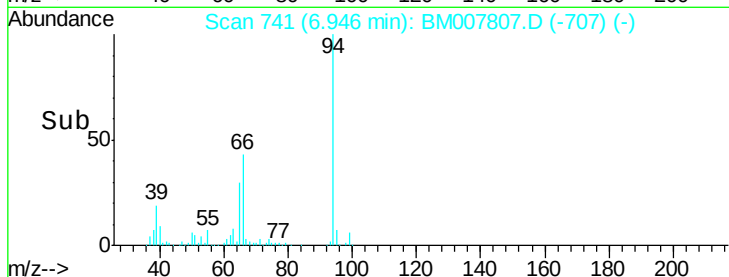
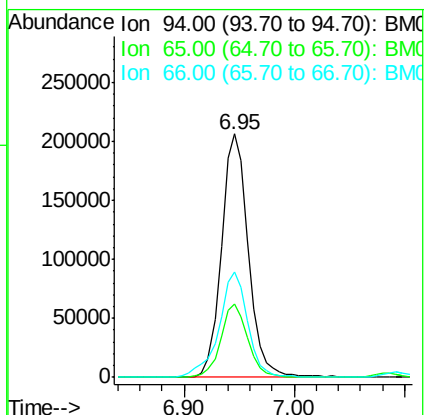
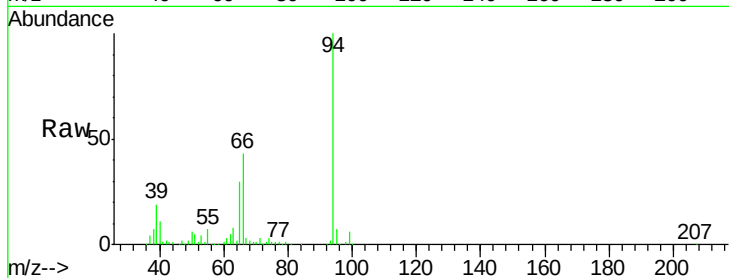
Tgt Ion: 94 Resp: 350559

Ion Ratio Lower Upper

94 100

65 30.2 23.9 35.9

66 43.1 33.5 50.3



#10

2-Chlorophenol

Concen: 21.19 ng/ul

RT: 7.31 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

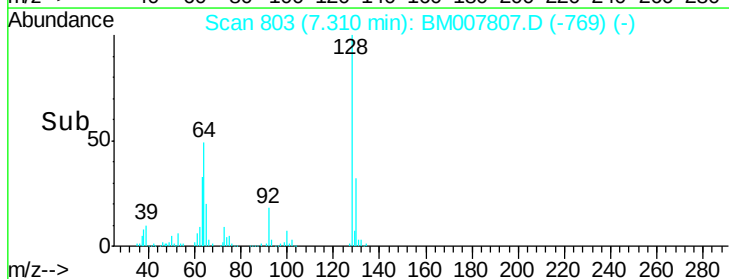
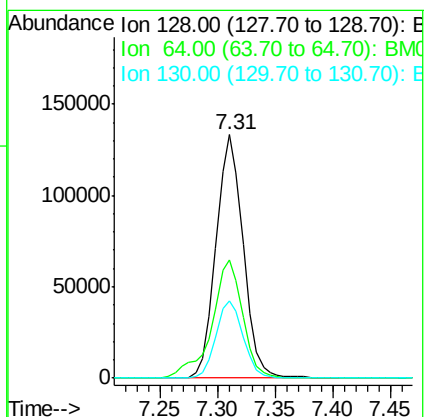
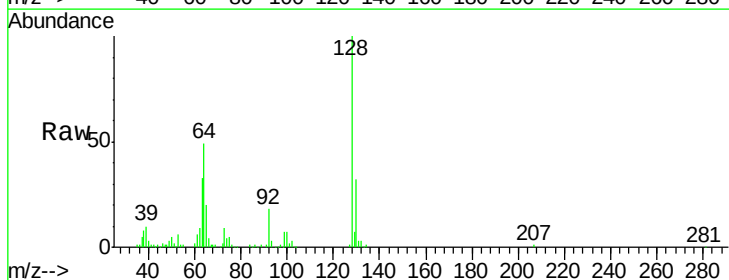
Tgt Ion: 128 Resp: 217505

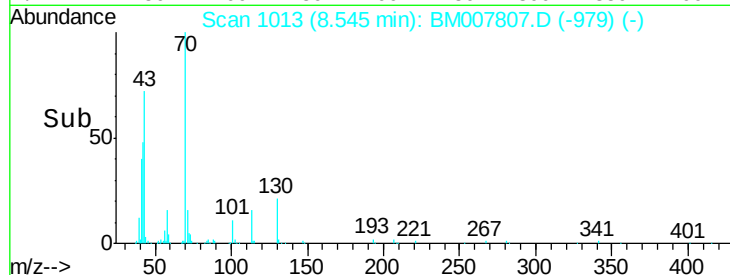
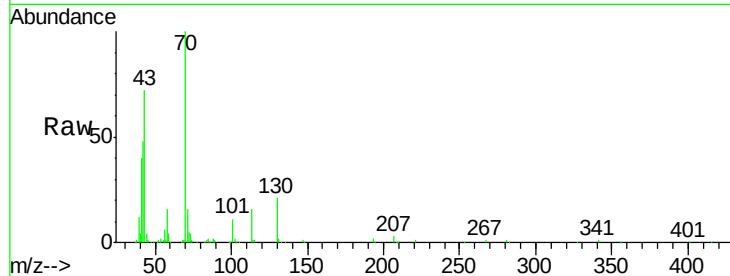
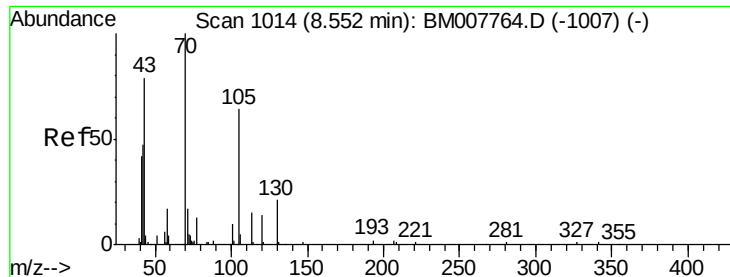
Ion Ratio Lower Upper

128 100

64 48.5 37.5 56.3

130 31.8 25.0 37.4

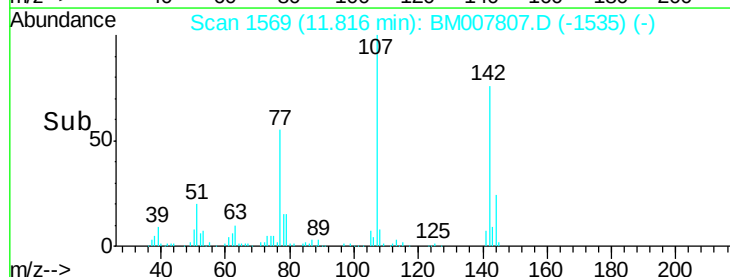
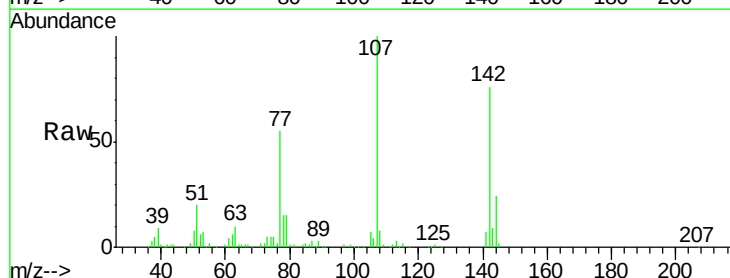
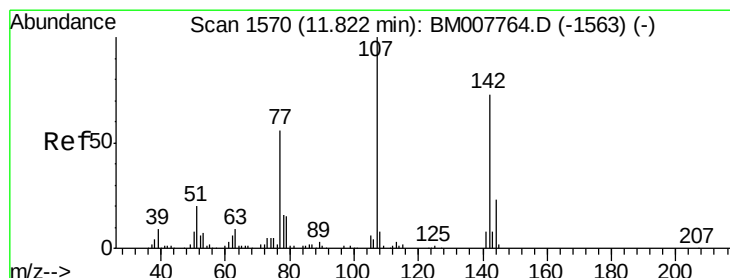
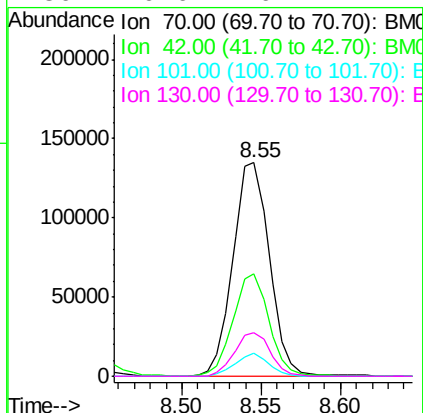




#15
N-Nitroso-di-n-propylamine
Concen: 27.23 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

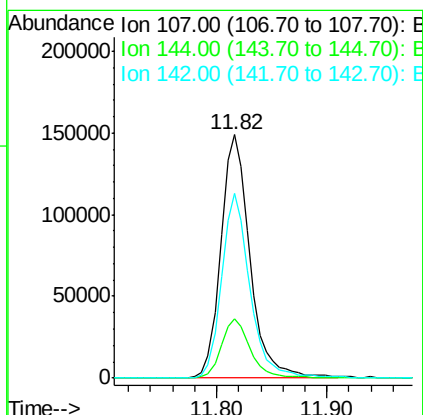
Instrument :
BNA_M
ClientSampleId :
E5N91MS

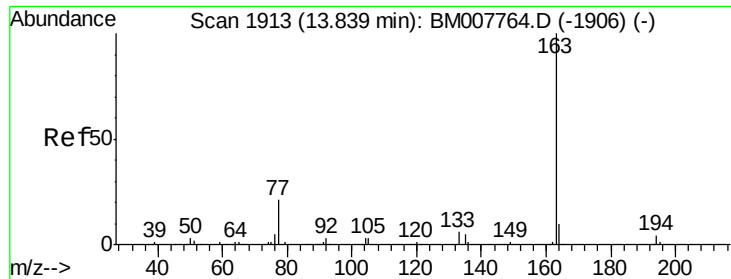
Tgt Ion:	70	Resp:	216310
Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.4	65.2
101	10.7	7.8	11.6
130	20.6	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 28.14 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

Tgt Ion:	107	Resp:	275677
Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.1	31.7
142	75.9	64.1	96.1





#44

Dimethylphthalate

Concen: 5.54 ng/ul

RT: 13.84 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

Instrument :

BNA_M

ClientSampleId :

E5N91MS

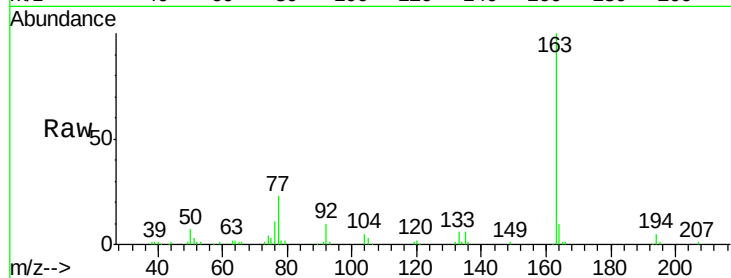
Tgt Ion:163 Resp: 146129

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

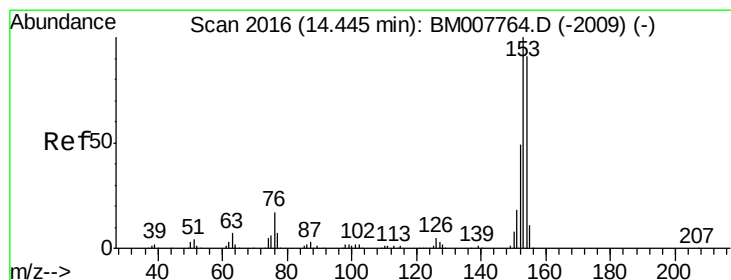
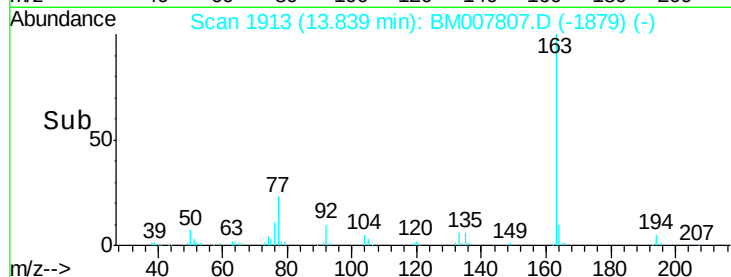
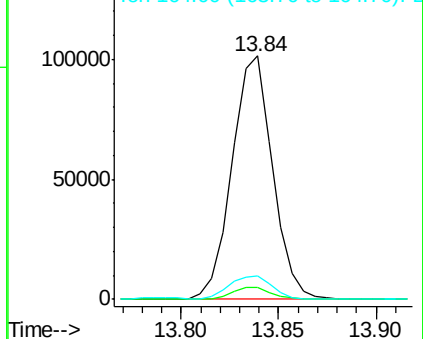
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 27.60 ng/ul

RT: 14.44 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

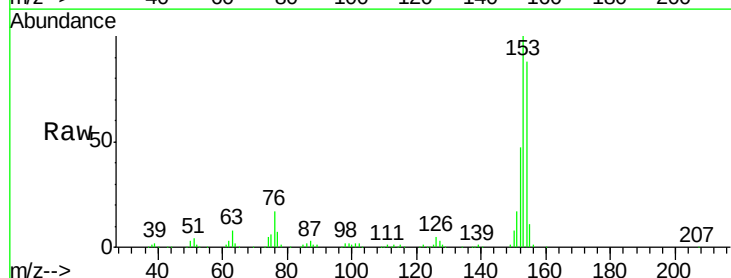
Tgt Ion:153 Resp: 631417

Ion Ratio Lower Upper

153 100

152 47.3 37.8 56.6

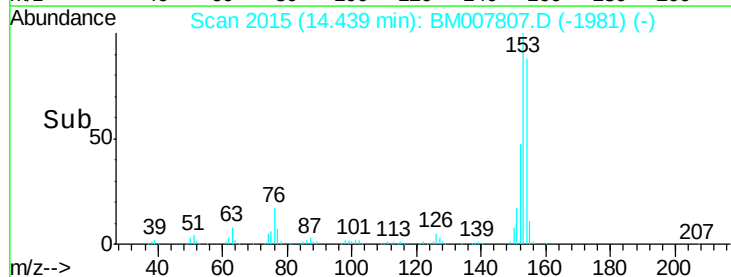
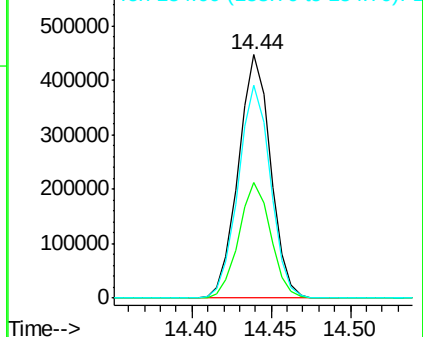
154 87.6 71.4 107.0

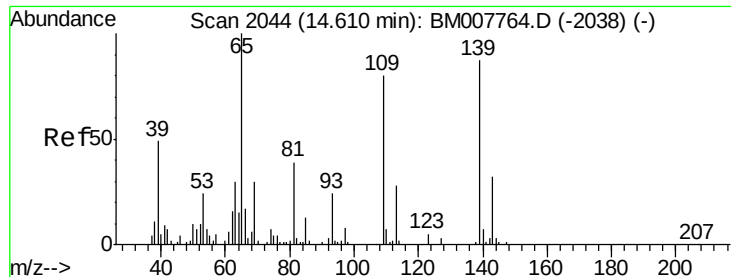


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

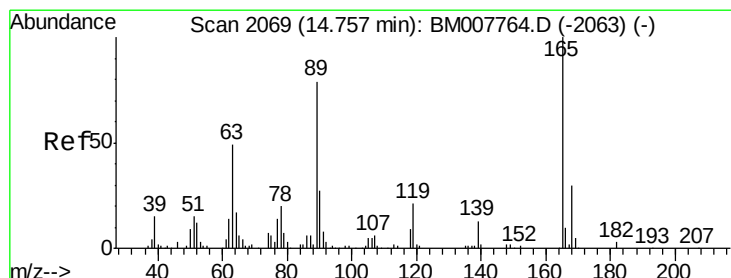
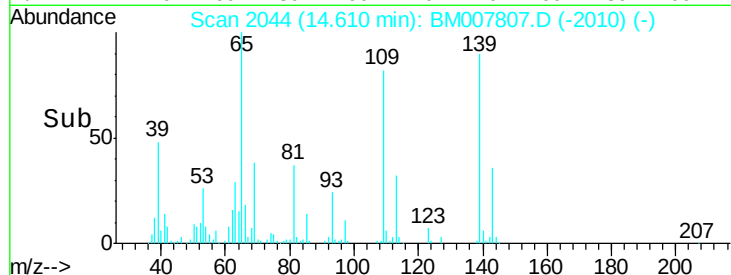
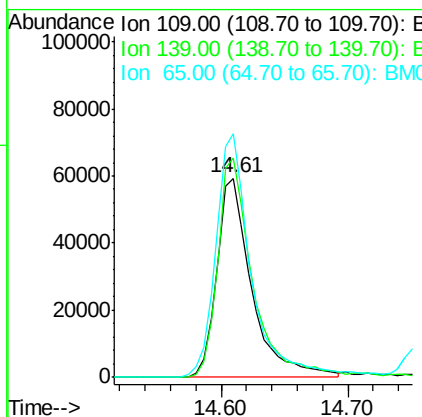
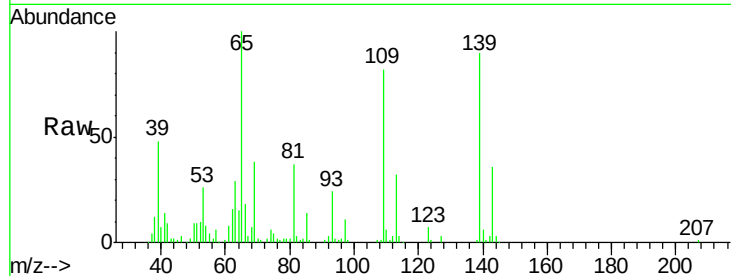




#52
4-Nitrophenol
Concen: 26.82 ng/ul
RT: 14.61 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

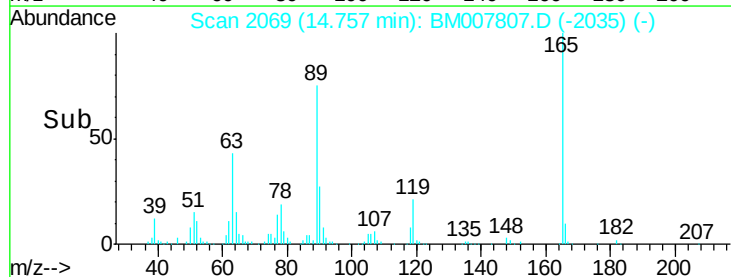
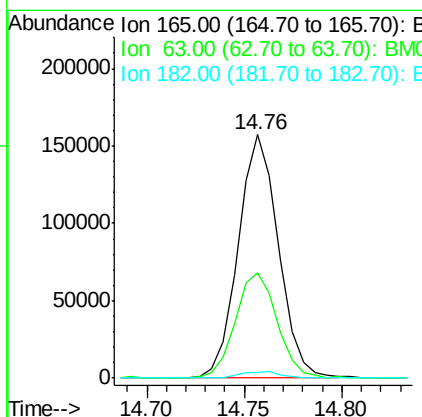
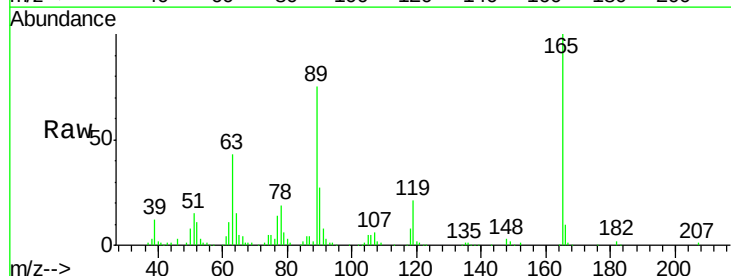
Instrument :
BNA_M
ClientSampleId :
E5N91MS

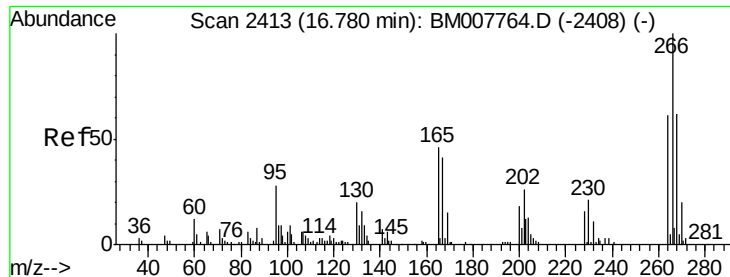
Tgt Ion:109 Resp: 114256
Ion Ratio Lower Upper
109 100
139 109.9 88.7 133.1
65 122.4 96.4 144.6



#54
2,4-Dinitrotoluene
Concen: 31.24 ng/ul
RT: 14.76 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

Tgt Ion:165 Resp: 223635
Ion Ratio Lower Upper
165 100
63 43.2 36.2 54.2
182 2.5 2.2 3.4





#68

Pentachlorophenol

Concen: 29.80 ng/ul

RT: 16.78 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

Instrument :

BNA_M

ClientSampleId :

E5N91MS

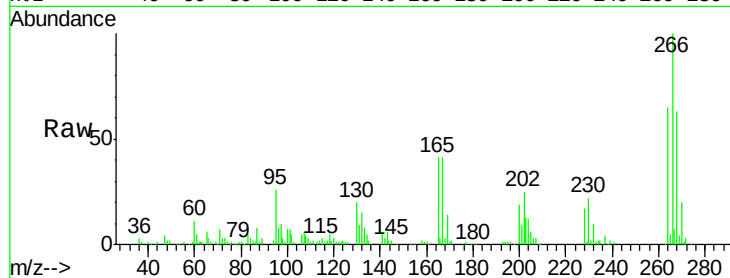
Tgt Ion:266 Resp: 169182

Ion Ratio Lower Upper

266 100

264 65.0 50.6 75.8

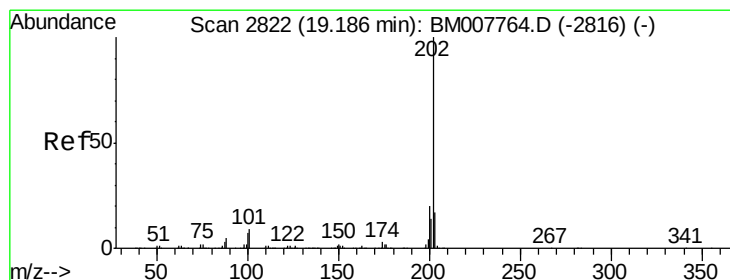
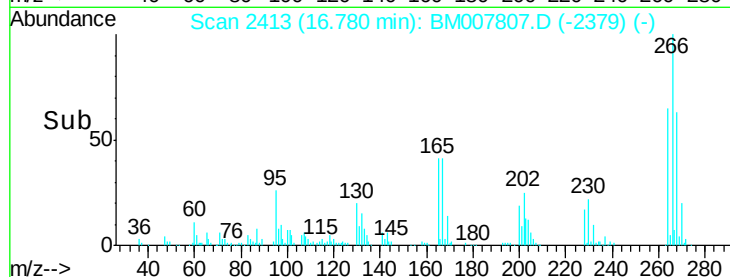
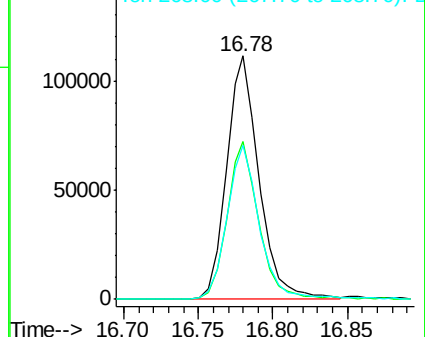
268 63.3 51.0 76.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#74

Fluoranthene

Concen: 2.20 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

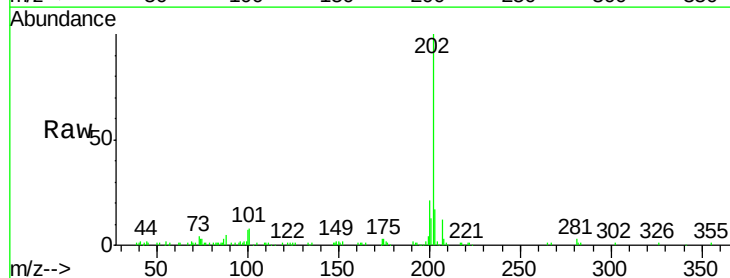
Tgt Ion:202 Resp: 109807

Ion Ratio Lower Upper

202 100

101 8.2 6.9 10.3

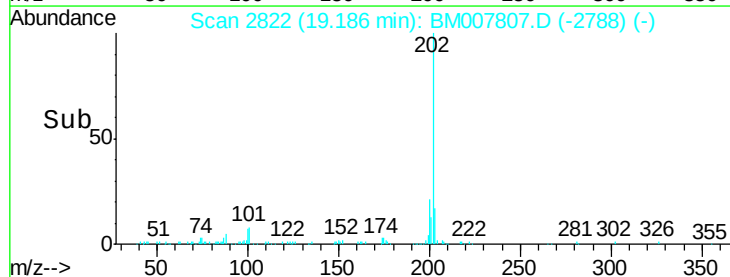
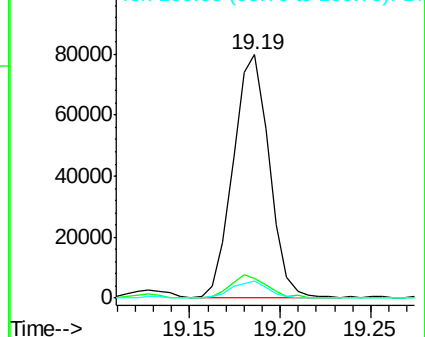
100 6.8 5.4 8.0

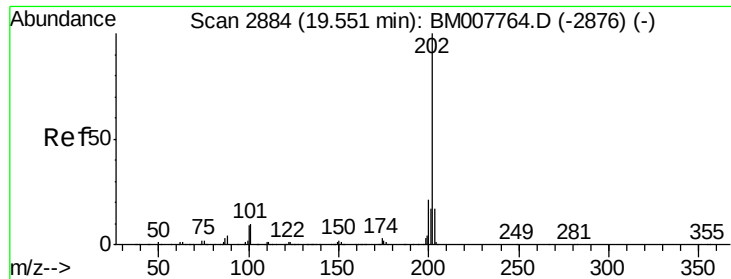


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 34.95 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BM007807.D

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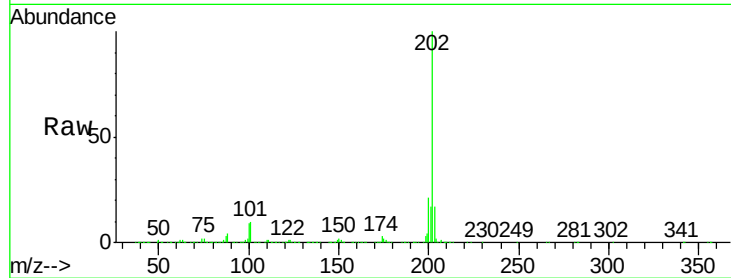
Tgt Ion:202 Resp: 1868000

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

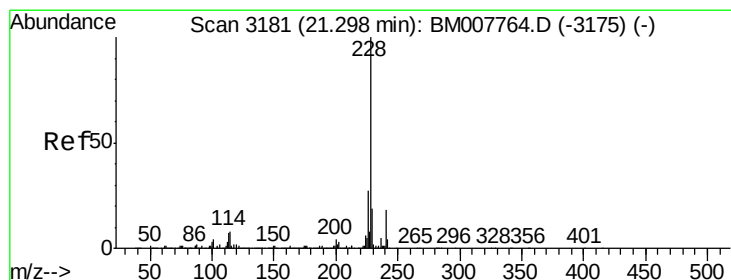
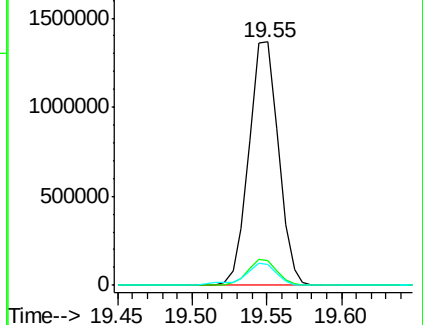
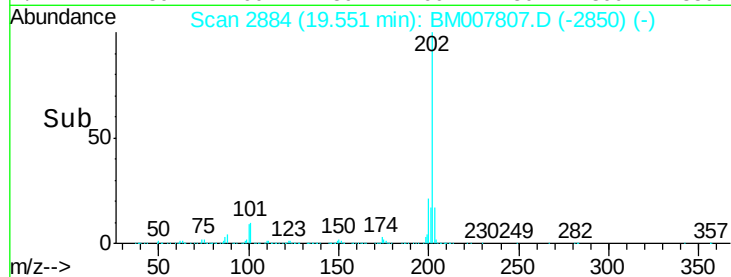
100 8.6 6.9 10.3



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: 1.03 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

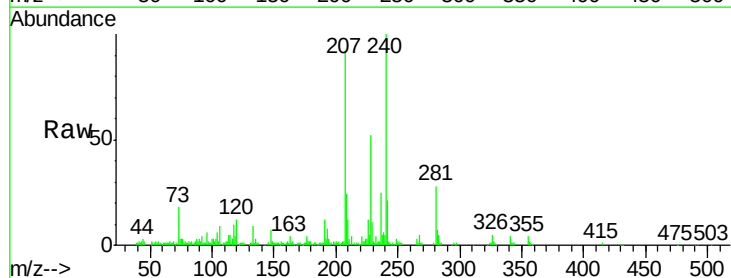
Tgt Ion:228 Resp: 57164

Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

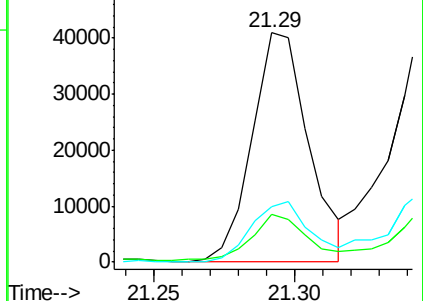
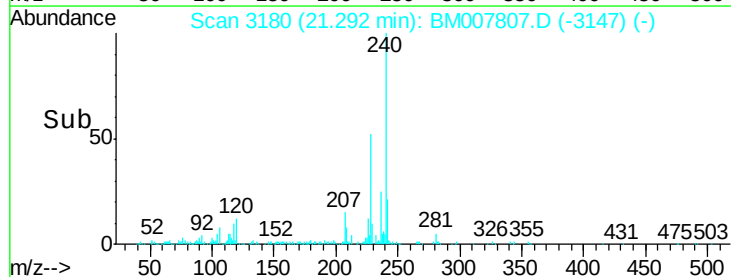
226 24.0 21.8 32.8

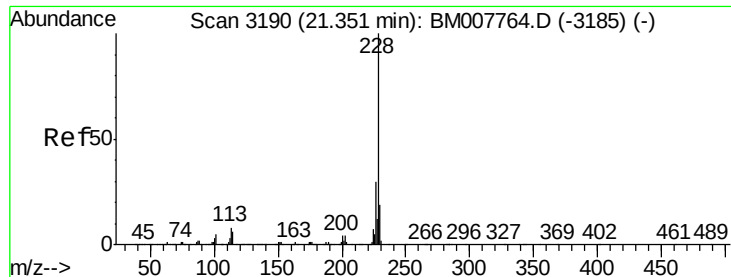


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.21 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

Instrument :

BNA_M

ClientSampleId :

E5N91MS

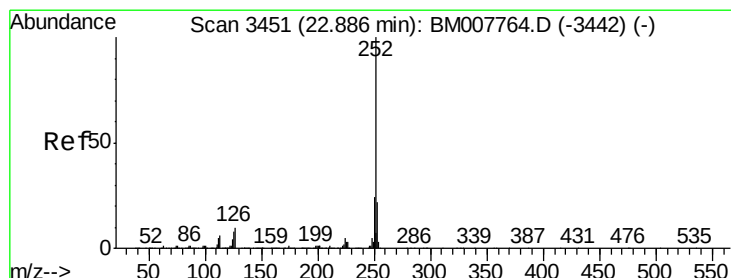
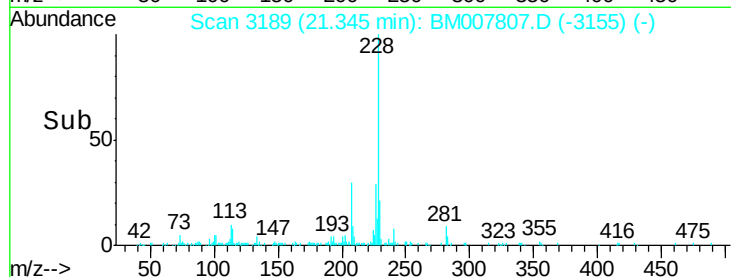
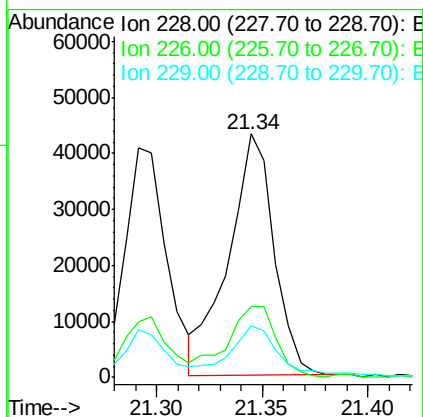
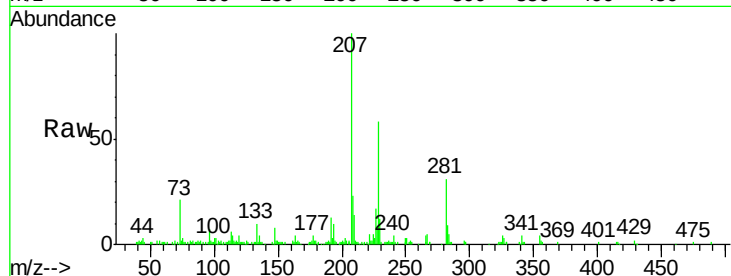
Tgt Ion:228 Resp: 64236

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

229 21.2 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 1.51 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM007807.D

Acq: 09 Nov 2016 21:05

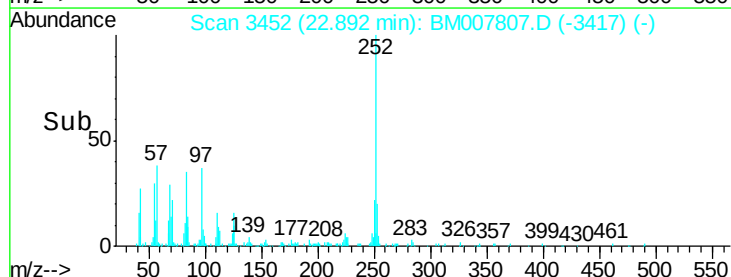
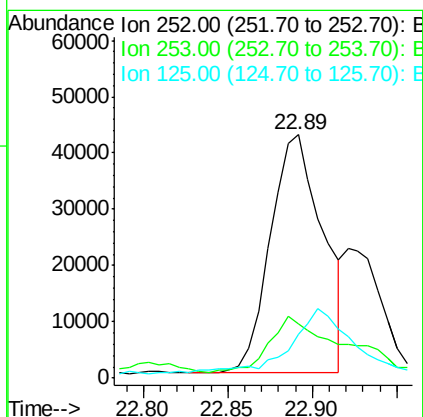
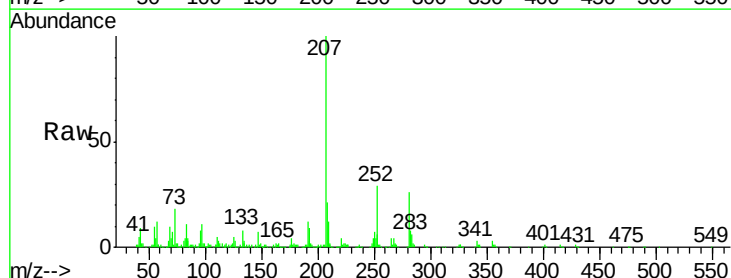
Tgt Ion:252 Resp: 91856

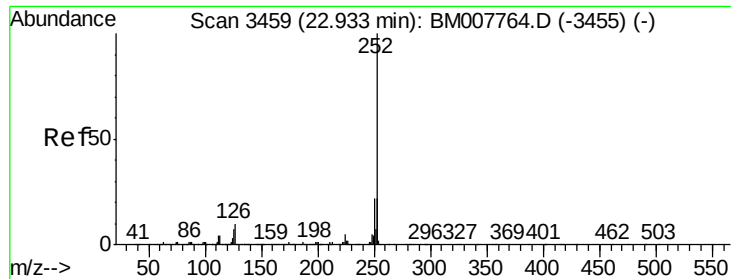
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 18.0 5.8 8.8#

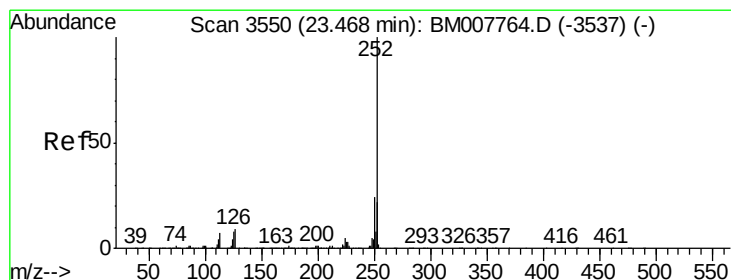
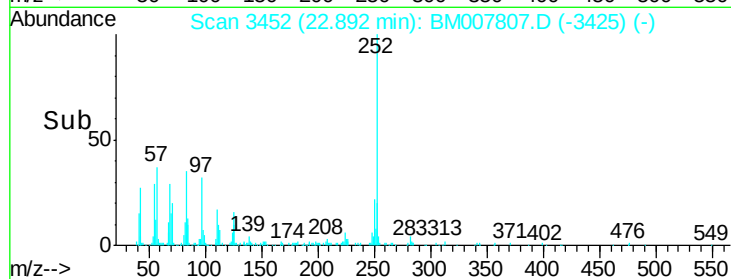
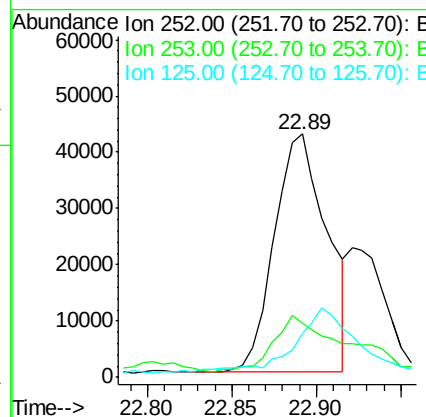
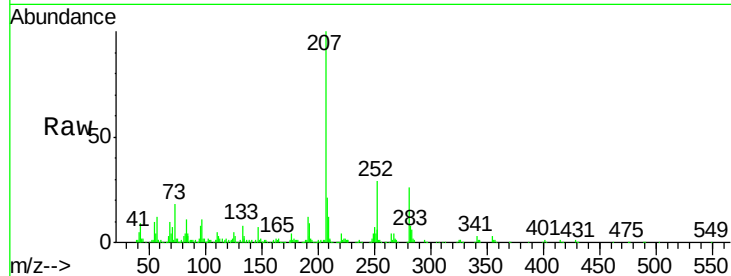




#86
Benzo(k)fluoranthene
Concen: 1.64 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

Instrument :
BNA_M
ClientSampleId :
E5N91MS

Tgt Ion:252 Resp: 91856
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 18.0 5.7 8.5#



#88
Benzo(a)pyrene
Concen: 1.13 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.00 min
Lab File: BM007807.D
Acq: 09 Nov 2016 21:05

Tgt Ion:252 Resp: 64918
Ion Ratio Lower Upper
252 100
253 26.4 17.7 26.5
125 11.5 6.6 9.8#

