

Data File : BM010349.D
Acq On : 01 Jun 2017 11:24
Operator : SJ/MA
Sample : I3164-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSG6MS

Quant Time: Jun 02 00:59:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 02 00:58:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	309654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	1107443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	659455	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1554140	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2154263	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2249436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	19931	2.64	ng/uL	0.00
5) Phenol-d5	7.10	99	445423	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	275206	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	404958	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	377787	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	186891	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	201779	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	417587	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	122	0.01	ng/ul	-0.02
43) Dimethylphthalate-d6	13.97	166	1338142	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1543323	24.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	57643	7.03	ng/ul	0.00
57) Fluorene-d10	15.54	176	1176814	24.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	168179	15.28	ng/ul	0.00
70) Anthracene-d10	17.40	188	1794502	23.73	ng/ul	0.00
76) Pyrene-d10	19.69	212	2256309	25.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2531813	24.17	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.13	94	439239	18.26	ng/ul	97
10) 2-Chlorophenol	7.49	128	317978	16.94	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.72	70	257109	16.65	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.02	107	328126	18.02	ng/ul#	88
44) Dimethylphthalate	14.02	163	248892	4.62	ng/ul#	97
49) Acenaphthene	14.62	153	871656	19.90	ng/ul	99
52) 4-Nitrophenol	14.81	109	58413	5.20	ng/ul	89
54) 2,4-Dinitrotoluene	14.93	165	286306	19.74	ng/ul#	96
68) Pentachlorophenol	16.94	266	199931	15.68	ng/ul	98
77) Pyrene	19.72	202	2286939	20.60	ng/ul	99

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

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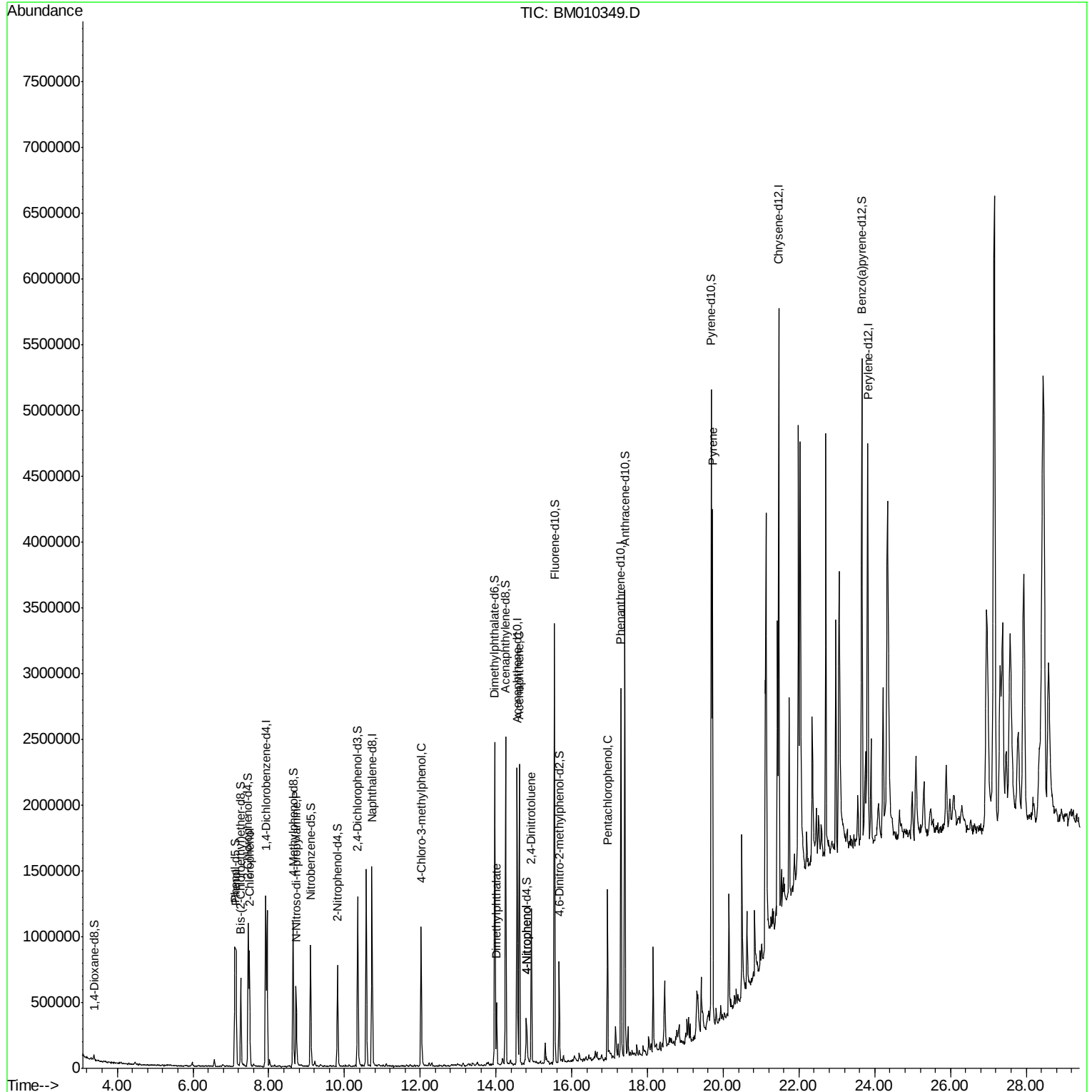
Quant Time: Jun 02 00:59:01 2017

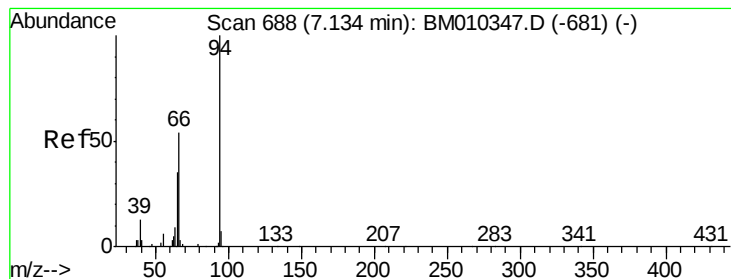
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 02 00:58:56 2017

Response via : Initial Calibration





#6

Phenol

Concen: 18.26 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

Instrument :

BNA_M

ClientSampleId :

JHSG6MS

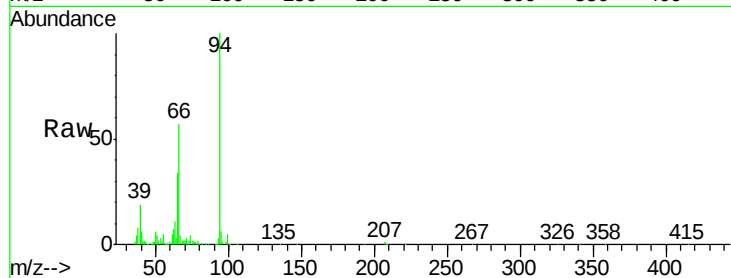
Tgt Ion: 94 Resp: 439239

Ion Ratio Lower Upper

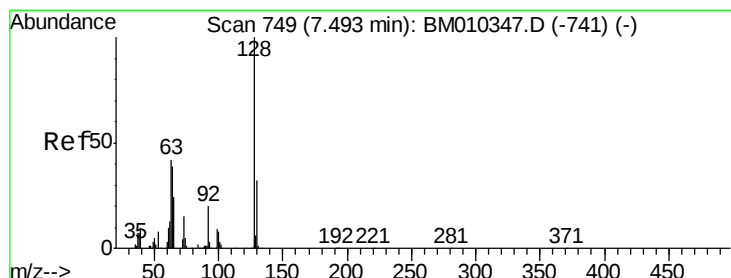
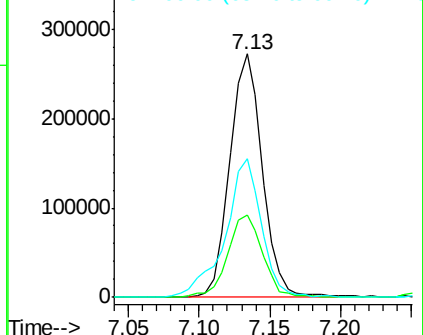
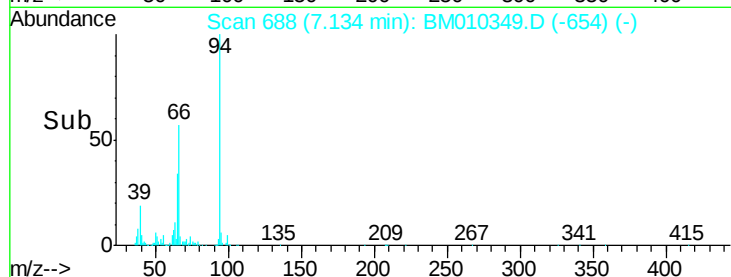
94 100

65 33.7 28.2 42.4

66 57.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010349.D (-654) (-)



#10

2-Chlorophenol

Concen: 16.94 ng/ul

RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

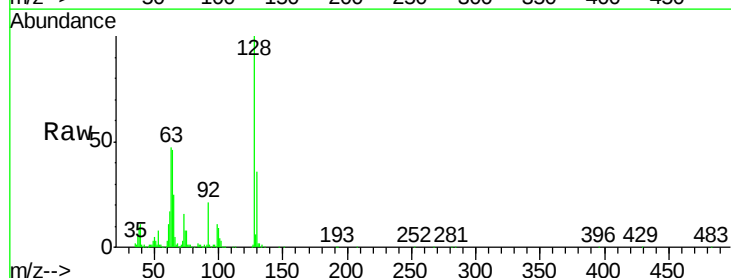
Tgt Ion: 128 Resp: 317978

Ion Ratio Lower Upper

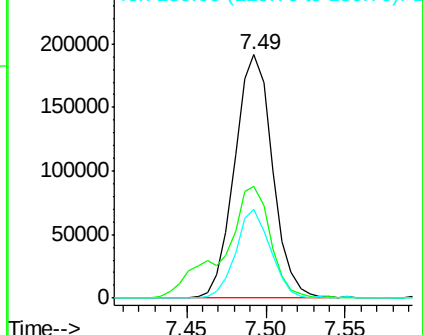
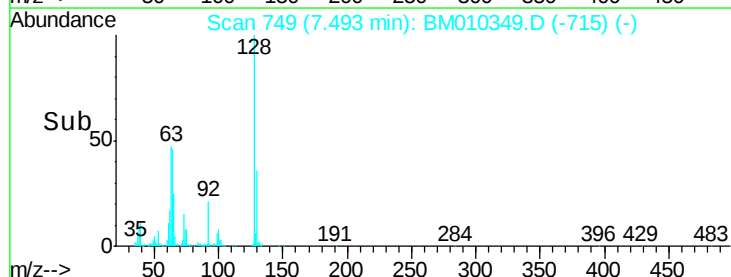
128 100

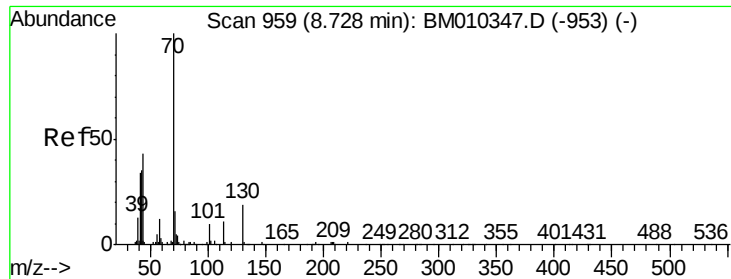
64 45.9 38.0 57.0

130 36.2 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

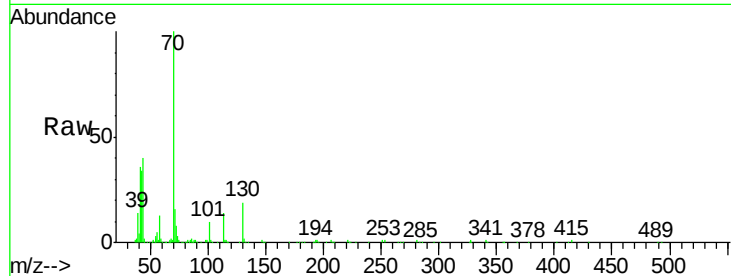




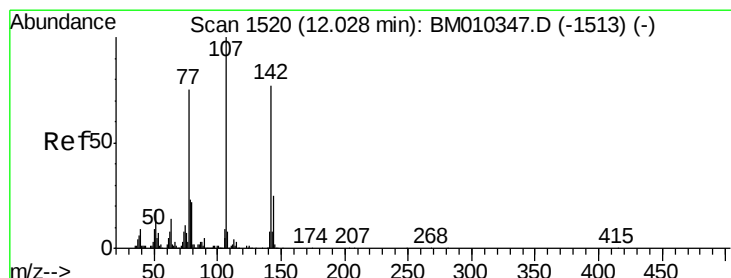
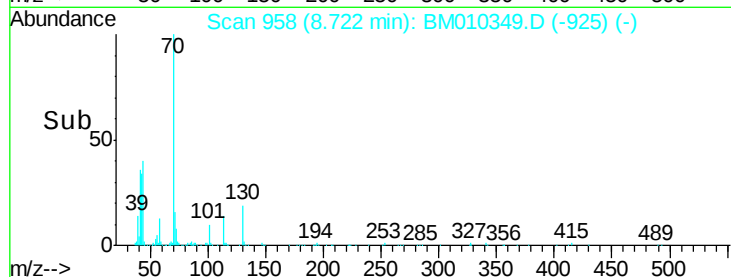
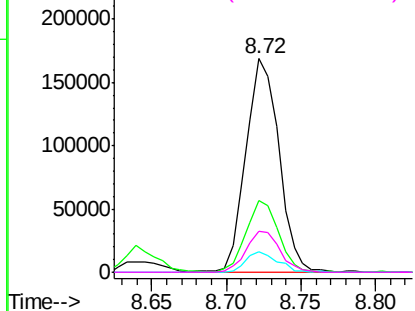
#15
N-Nitroso-di-n-propylamine
Concen: 16.65 ng/ul
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM010349.D
Acq: 01 Jun 2017 11:24

Instrument :
BNA_M
ClientSampleId :
JHSG6MS

Tgt Ion:	70	Resp:	257109
Ion	Ratio	Lower	Upper
70	100		
42	33.6	41.1	61.7#
101	9.9	6.7	10.1
130	19.4	14.6	22.0

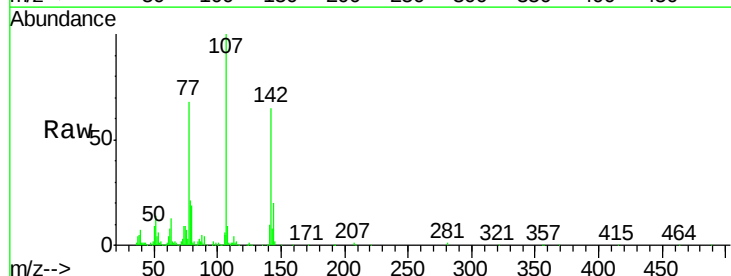


Abundance Ion 70.00 (69.70 to 70.70): BM010349.D (-925) (-)
Ion 42.00 (41.70 to 42.70): BM010349.D (-925) (-)
Ion 101.00 (100.70 to 101.70): BM010349.D (-925) (-)
Ion 130.00 (129.70 to 130.70): BM010349.D (-925) (-)

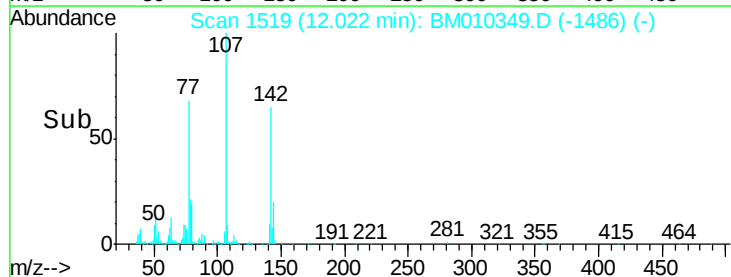
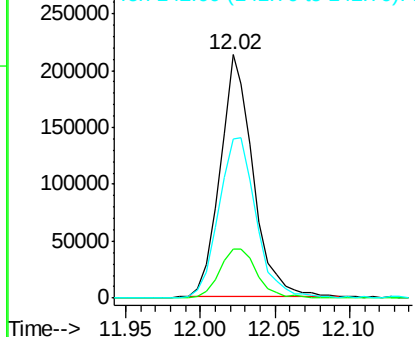


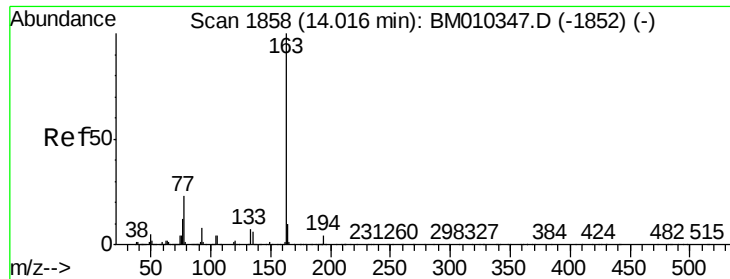
#33
4-Chloro-3-methylphenol
Concen: 18.02 ng/ul
RT: 12.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM010349.D
Acq: 01 Jun 2017 11:24

Tgt Ion:	107	Resp:	328126
Ion	Ratio	Lower	Upper
107	100		
144	20.1	20.4	30.6#
142	65.2	60.5	90.7



Abundance Ion 107.00 (106.70 to 107.70): BM010349.D (-1486) (-)
Ion 144.00 (143.70 to 144.70): BM010349.D (-1486) (-)
Ion 142.00 (141.70 to 142.70): BM010349.D (-1486) (-)





#44

Dimethylphthalate

Concen: 4.62 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

Instrument :

BNA_M

ClientSampleId :

JHSG6MS

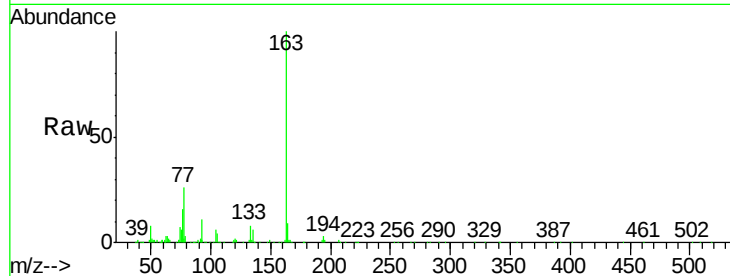
Tgt Ion:163 Resp: 248892

Ion Ratio Lower Upper

163 100

194 3.1 3.5 5.3#

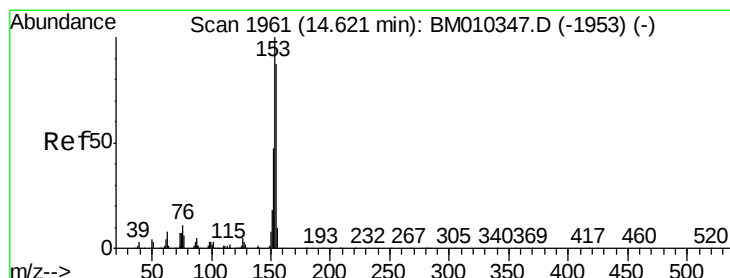
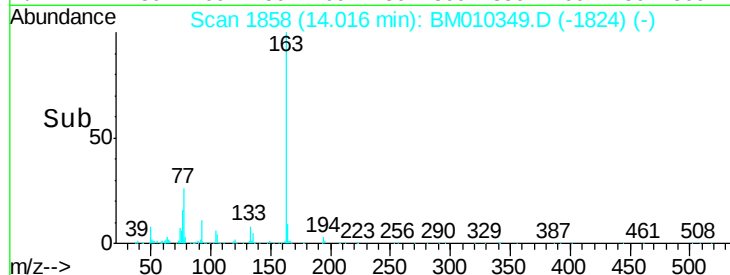
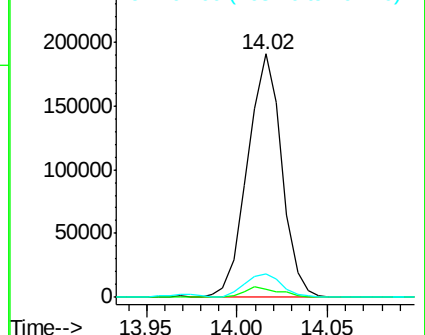
164 9.5 8.2 12.4



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: 19.90 ng/ul

RT: 14.62 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

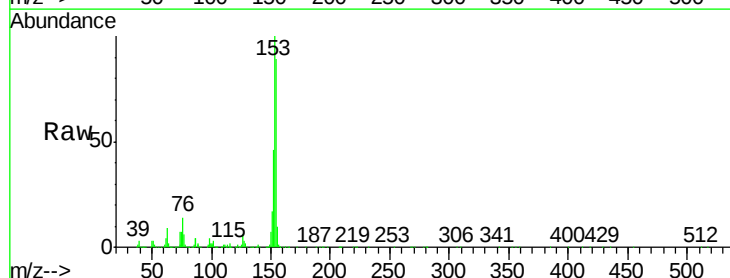
Tgt Ion:153 Resp: 871656

Ion Ratio Lower Upper

153 100

152 45.9 37.6 56.4

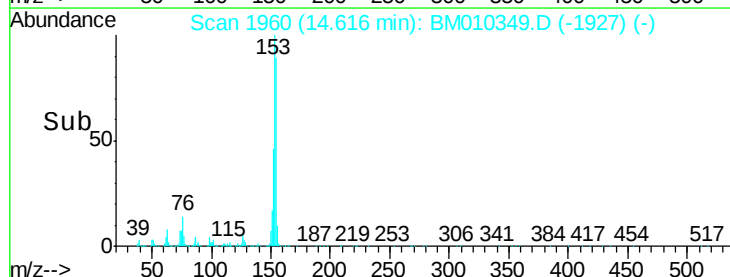
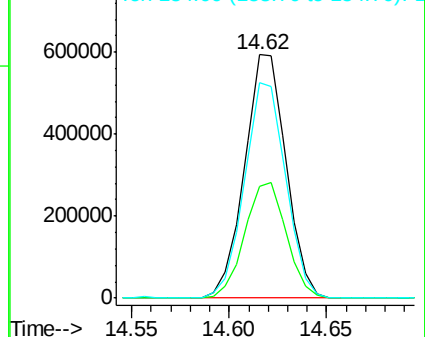
154 88.5 70.4 105.6

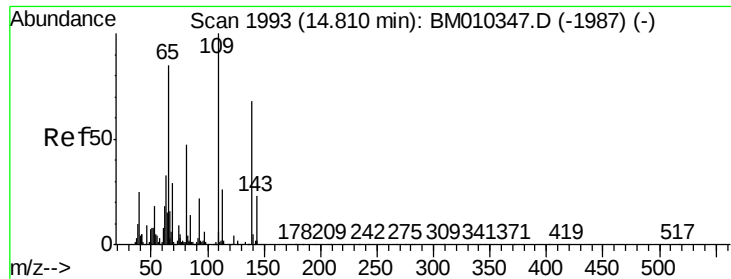


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

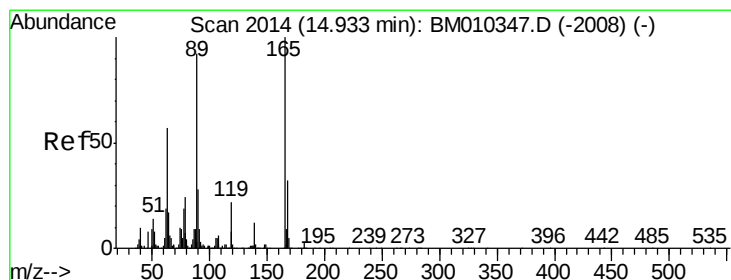
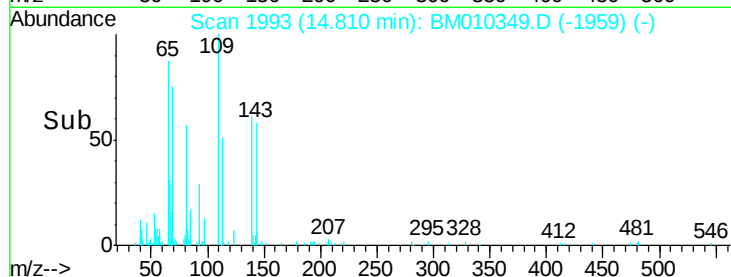
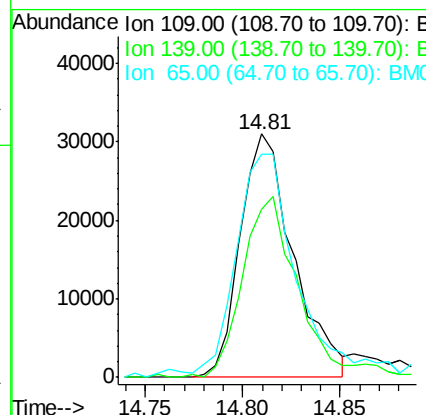
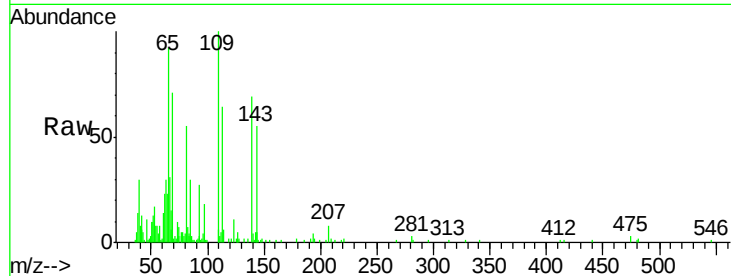




#52
4-Nitrophenol
Concen: 5.20 ng/ul
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM010349.D
Acq: 01 Jun 2017 11:24

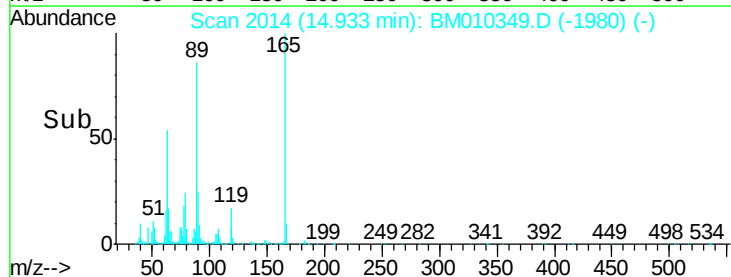
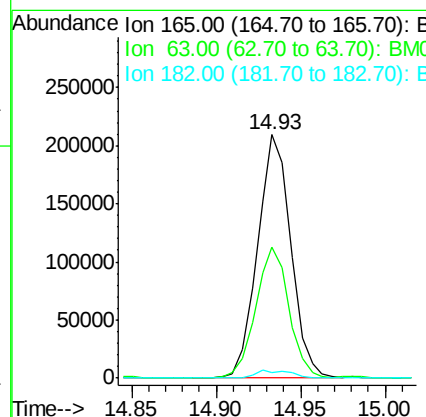
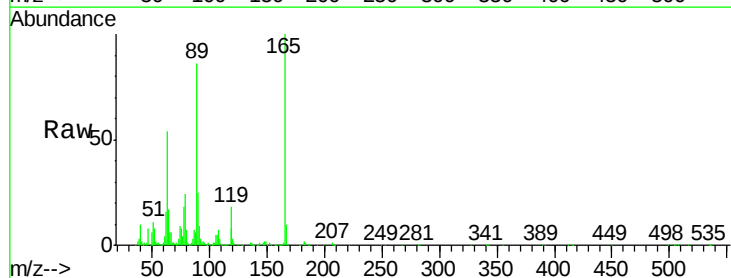
Instrument :
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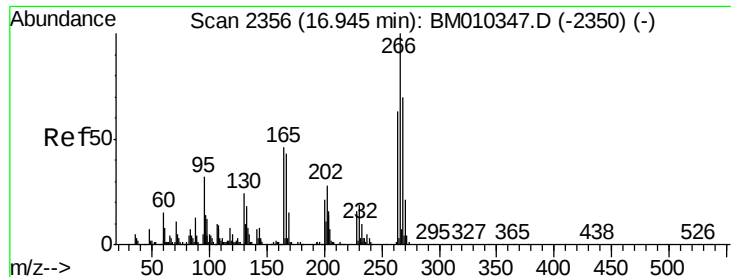
Tgt Ion:109 Resp: 58413
Ion Ratio Lower Upper
109 100
139 69.1 66.6 100.0
65 91.7 78.3 117.5



#54
2,4-Dinitrotoluene
Concen: 19.74 ng/ul
RT: 14.93 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BM010349.D
Acq: 01 Jun 2017 11:24

Tgt Ion:165 Resp: 286306
Ion Ratio Lower Upper
165 100
63 54.0 45.8 68.8
182 2.2 2.6 4.0#





#68

Pentachlorophenol

Concen: 15.68 ng/ul

RT: 16.94 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

Instrument :

BNA_M

ClientSampleId :

JHSG6MS

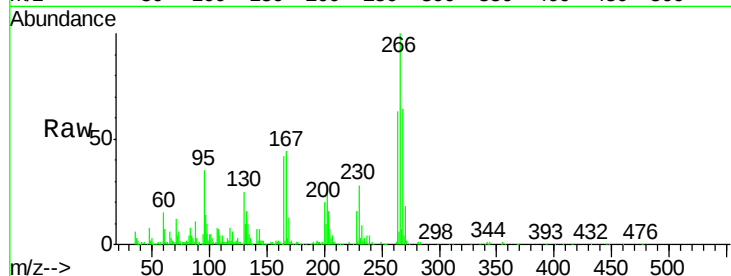
Tgt Ion:266 Resp: 199931

Ion Ratio Lower Upper

266 100

264 63.3 49.3 73.9

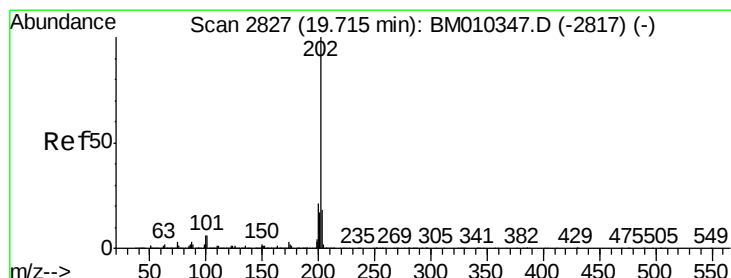
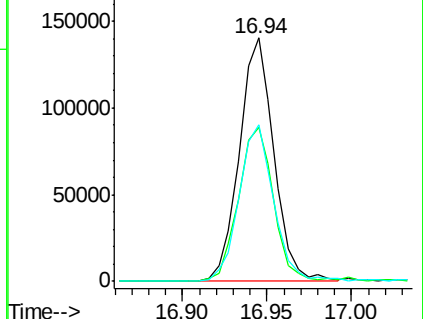
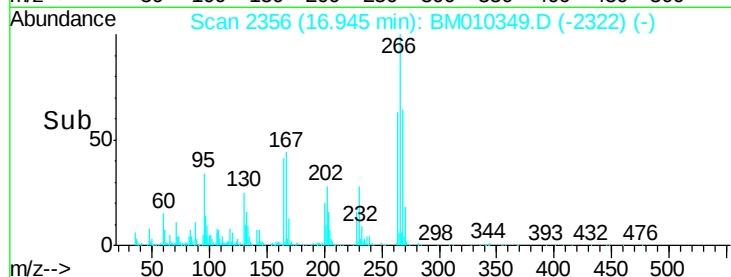
268 64.2 52.6 78.8



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



#77

Pyrene

Concen: 20.60 ng/ul

RT: 19.72 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM010349.D

Acq: 01 Jun 2017 11:24

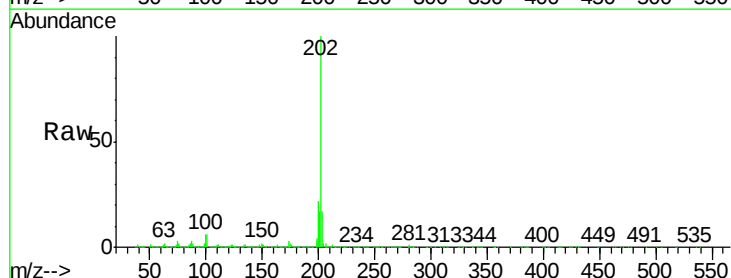
Tgt Ion:202 Resp: 2286939

Ion Ratio Lower Upper

202 100

101 5.9 5.1 7.7

100 5.6 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

