

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013602.D
 Acq On : 16 Jan 2018 01:15
 Operator : SJ/JU
 Sample : J1080-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK5MS

Quant Time: Jan 16 06:35:27 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:03:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	176687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	715513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	384607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	826442	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	881235	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	892254	20.00	ng/ul	0.00

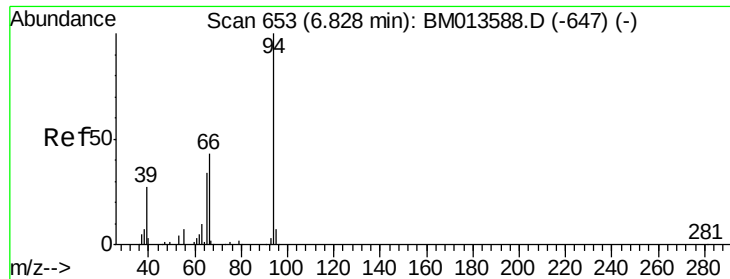
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	26134	5.85	ng/uL	0.00
5) Phenol-d5	6.80	99	564818	41.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	335081	40.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	461490	41.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	444462	42.63	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	234005	42.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	252102	42.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	457100	40.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	528021	53.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1374955	43.38	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1741281	43.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	198736	38.58	ng/ul	0.00
57) Fluorene-d10	15.27	176	1135408	40.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	184733	37.14	ng/ul	0.00
70) Anthracene-d10	17.12	188	1673723	41.58	ng/ul	0.00
76) Pyrene-d10	19.42	212	1883152	45.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1853154	45.19	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.83	94	644954	47.407	ng/ul#	84
10) 2-Chlorophenol	7.19	128	472425	42.887	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	382112	45.390	ng/ul#	66
33) 4-Chloro-3-methylphenol	11.70	107	486036	43.897	ng/ul	96
44) Dimethylphthalate	13.73	163	302133	9.694	ng/ul	99
49) Acenaphthene	14.33	153	1144286	44.673	ng/ul	99
52) 4-Nitrophenol	14.51	109	219102	41.869	ng/ul#	83
54) 2,4-Dinitrotoluene	14.66	165	403421	45.822	ng/ul	86
68) Pentachlorophenol	16.68	266	325904	58.371	ng/ul	97
77) Pyrene	19.45	202	2489451	46.469	ng/ul#	91

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



#6

Phenol

Concen: 47.407 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

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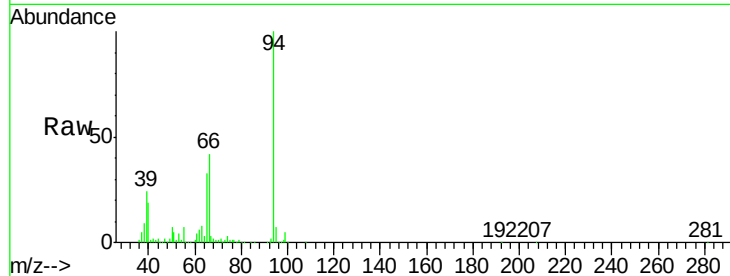
Tgt Ion: 94 Resp: 644954

Ion Ratio Lower Upper

94 100

65 32.8 28.2 42.4

66 42.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013588.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM013588.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM013588.D (-647) (-)

6.83

500000

400000

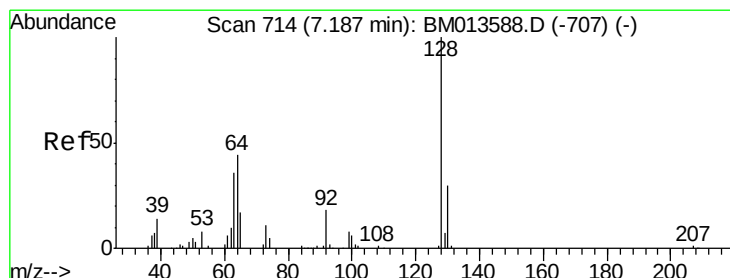
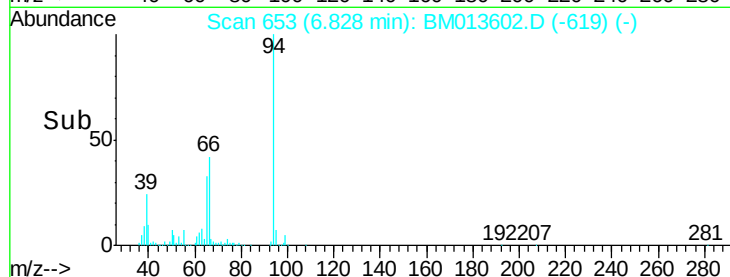
300000

200000

100000

0

Time-->



#10

2-Chlorophenol

Concen: 42.887 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM013602.D

Acq: 16 Jan 2018 01:15

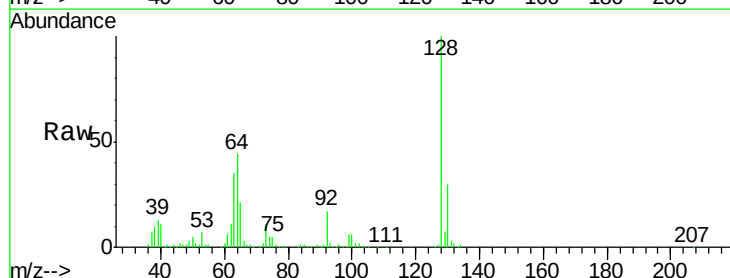
Tgt Ion: 128 Resp: 472425

Ion Ratio Lower Upper

128 100

64 44.5 38.0 57.0

130 30.4 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): BM013588.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM013588.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM013588.D (-707) (-)

7.19

400000

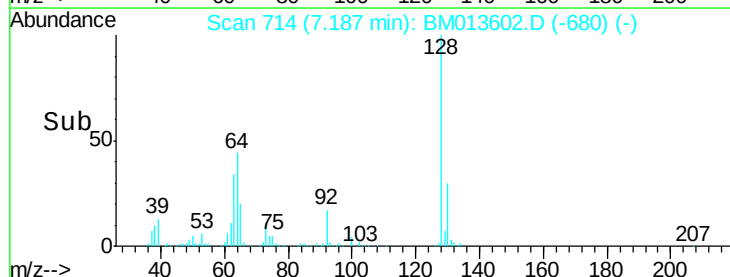
300000

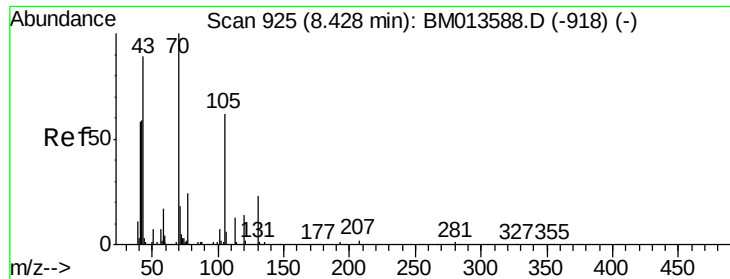
200000

100000

0

Time-->

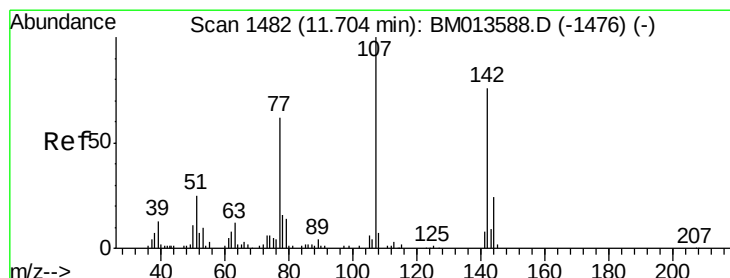
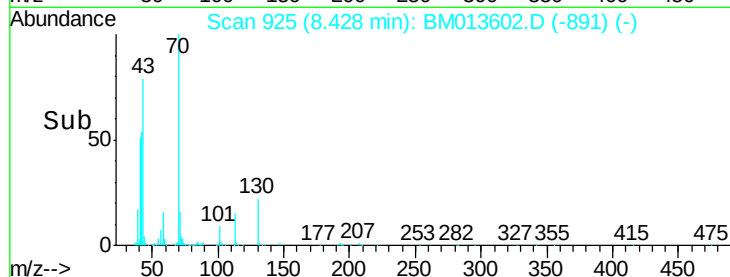
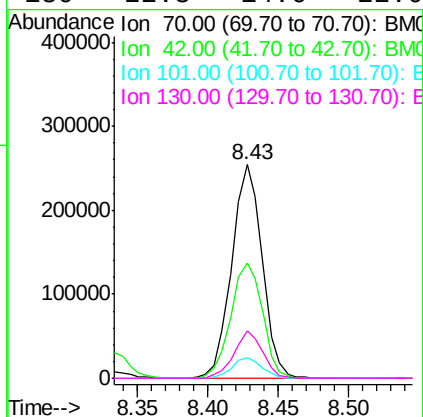
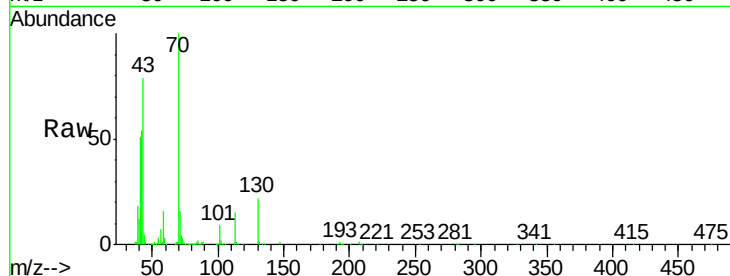




#15
N-Nitroso-di-n-propylamine
Concen: 45.390 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM013602.D
Acq: 16 Jan 2018 01:15

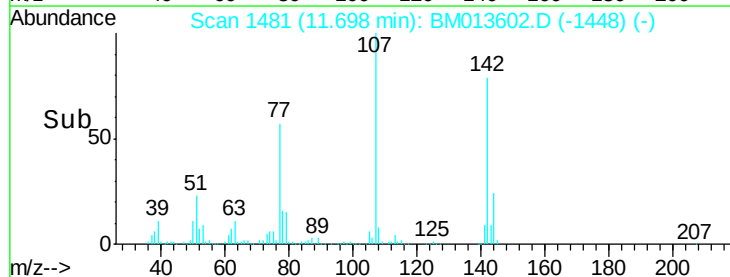
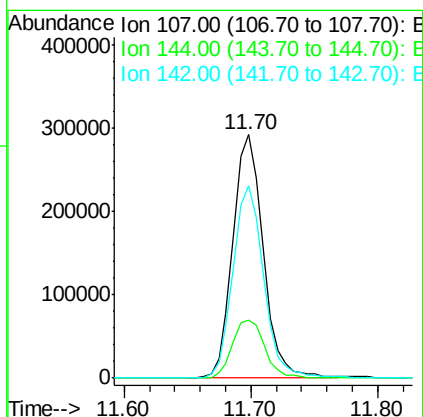
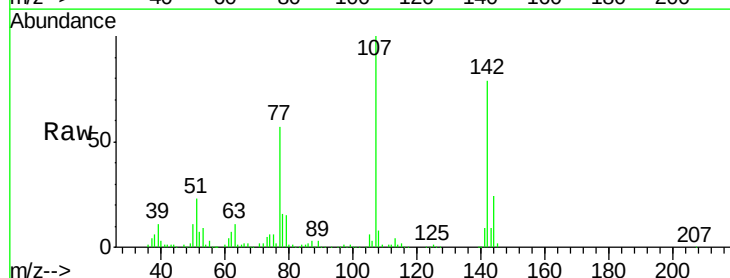
Instrument :
BNA_M
ClientSampleId :
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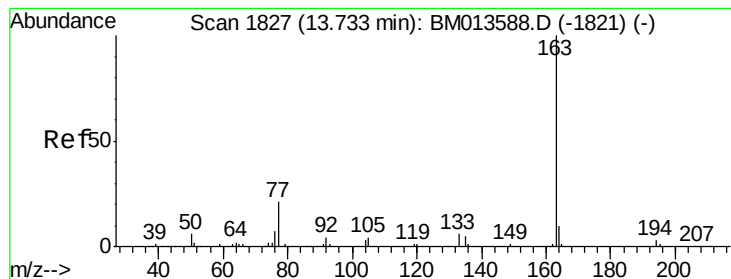
Tgt Ion: 70 Resp: 382112
Ion Ratio Lower Upper
70 100
42 54.2 76.0 114.0#
101 9.5 6.7 10.1
130 22.3 14.6 22.0#



#33
4-Chloro-3-methylphenol
Concen: 43.897 ng/ul
RT: 11.70 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM013602.D
Acq: 16 Jan 2018 01:15

Tgt Ion: 107 Resp: 486036
Ion Ratio Lower Upper
107 100
144 23.9 20.4 30.6
142 79.3 60.5 90.7





#44

Dimethylphthalate

Concen: 9.694 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM013602.D

Acq: 16 Jan 2018 01:15

Instrument :

BNA_M

ClientSampleId :

DAJK5MS

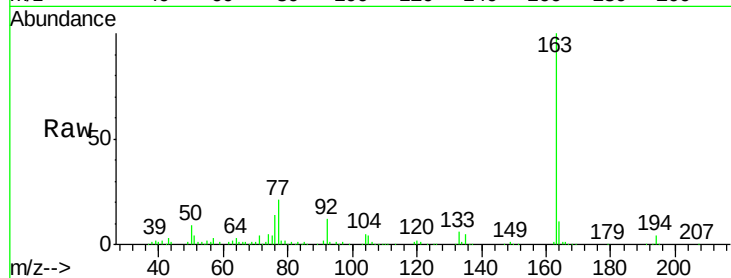
Tgt Ion:163 Resp: 302133

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

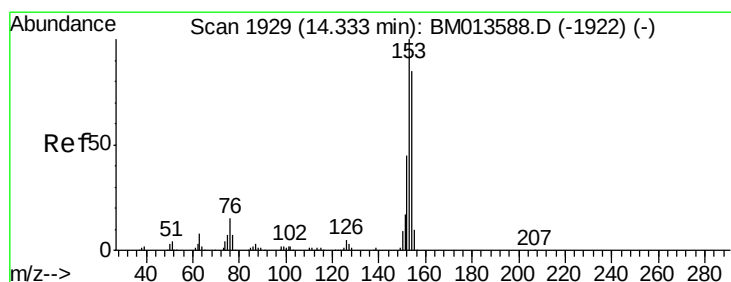
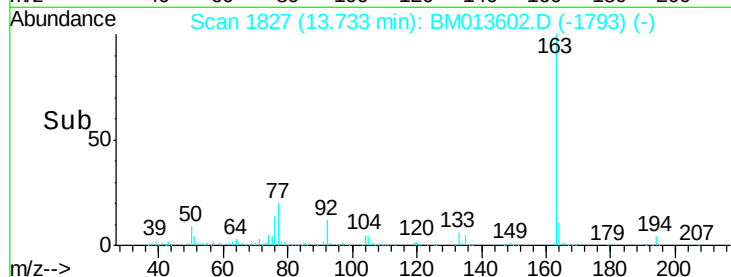
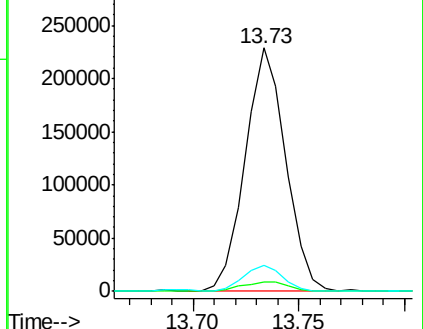
164 10.5 8.2 12.4



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: 44.673 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM013602.D

Acq: 16 Jan 2018 01:15

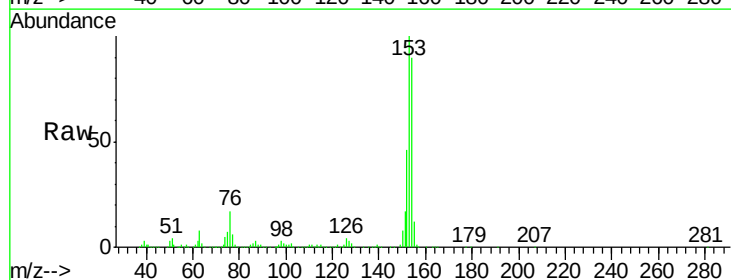
Tgt Ion:153 Resp: 1144286

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

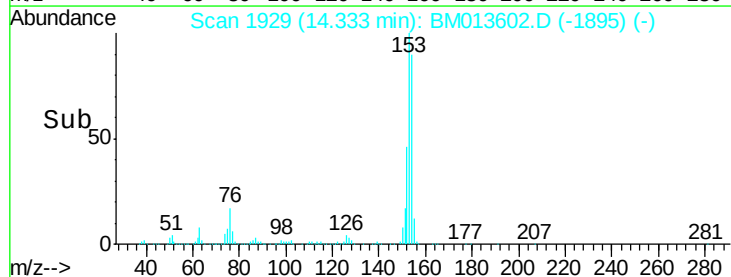
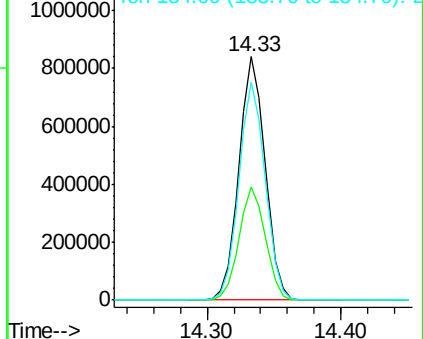
154 89.6 70.4 105.6

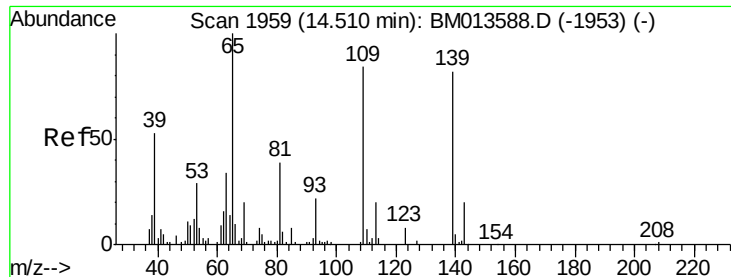


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 41.869 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BM013602.D

Acq: 16 Jan 2018 01:15

Instrument :

BNA_M

ClientSampleId :

DAJK5MS

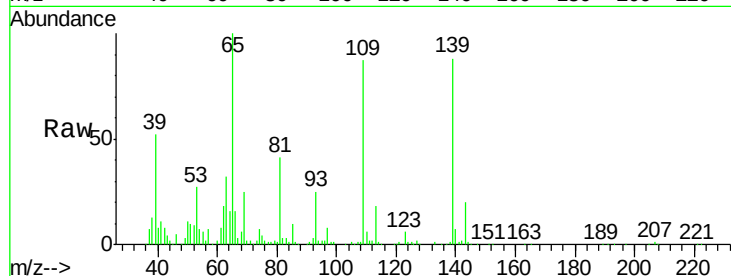
Tgt Ion:109 Resp: 219102

Ion Ratio Lower Upper

109 100

139 100.6 80.0 120.0

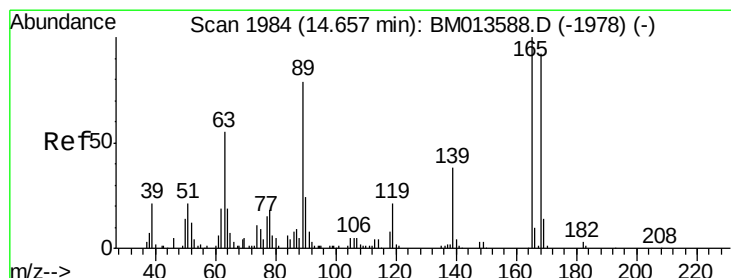
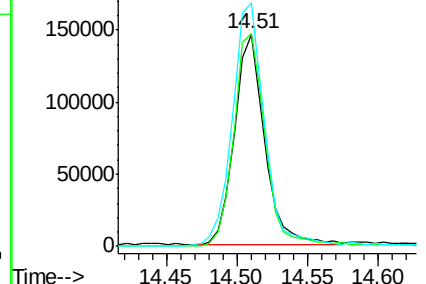
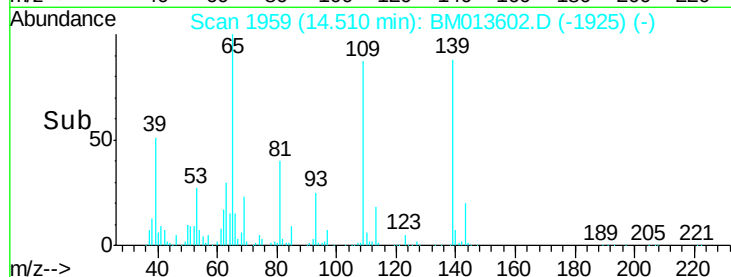
65 114.8 120.0 180.0#



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): BM



#54

2,4-Dinitrotoluene

Concen: 45.822 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BM013602.D

Acq: 16 Jan 2018 01:15

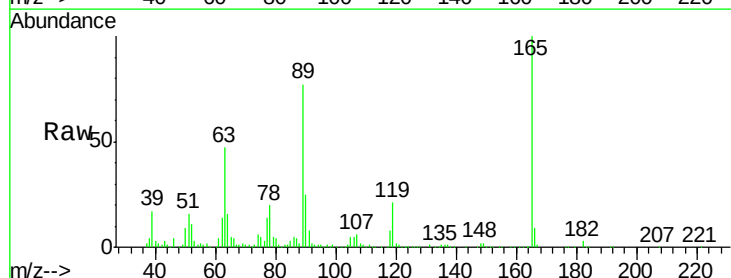
Tgt Ion:165 Resp: 403421

Ion Ratio Lower Upper

165 100

63 46.6 45.8 68.8

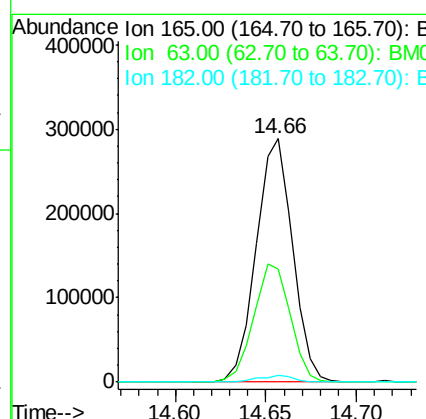
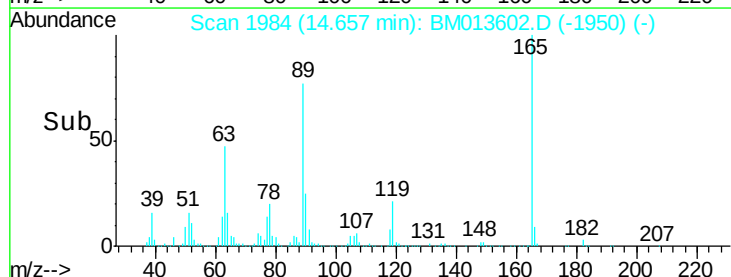
182 2.7 2.6 4.0

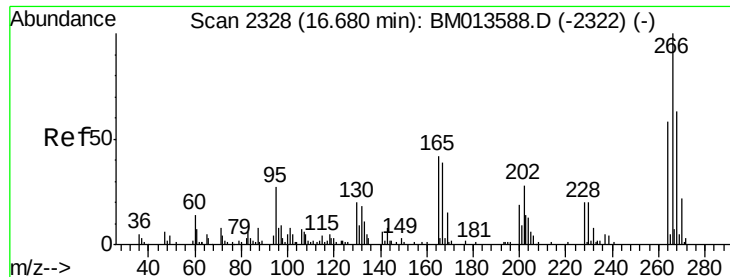


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

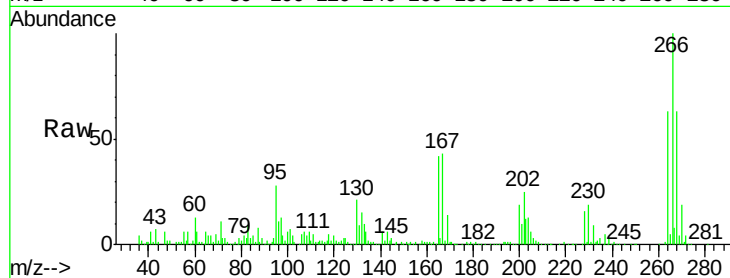




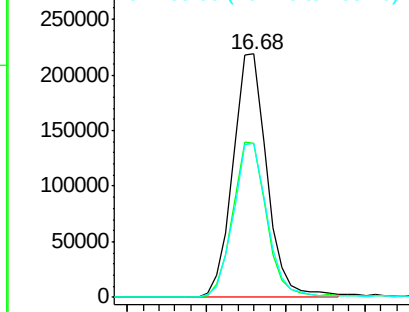
#68
 Pentachlorophenol
 Concen: 58.371 ng/ul
 RT: 16.68 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BM013602.D
 Acq: 16 Jan 2018 01:15

Instrument :
 BNA_M
 ClientSampleId :
 DAJK5MS

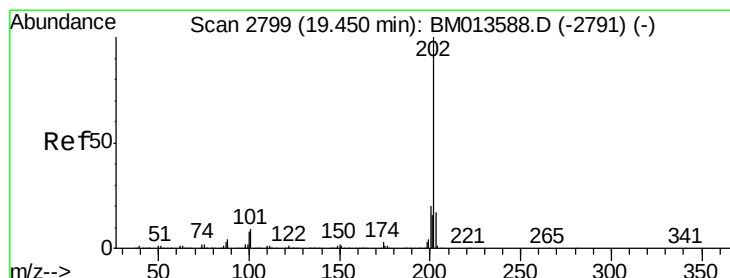
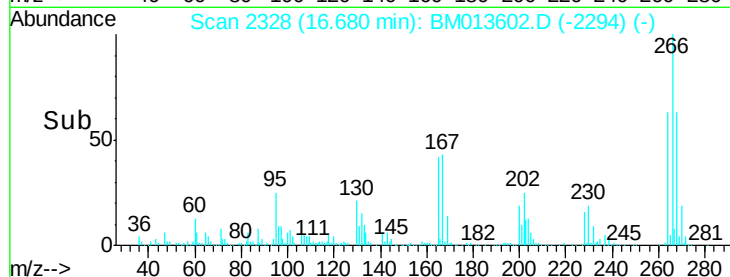
Tgt Ion:266 Resp: 325904
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.3 73.9
 268 63.2 52.6 78.8



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

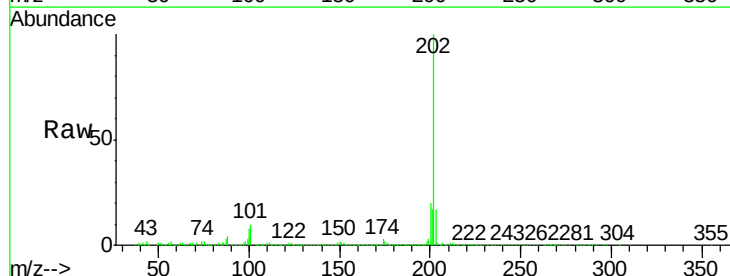


Time--> 16.60 16.65 16.70 16.75

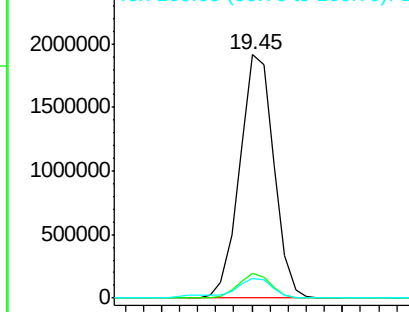


#77
 Pyrene
 Concen: 46.469 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013602.D
 Acq: 16 Jan 2018 01:15

Tgt Ion:202 Resp: 2489451
 Ion Ratio Lower Upper
 202 100
 101 10.2 5.1 7.7#
 100 8.1 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



Time--> 19.40 19.45 19.50

