

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\
 Data File : BM013636.D
 Acq On : 18 Jan 2018 12:18
 Operator : SJ/JU
 Sample : J1097-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJMOMS

Quant Time: Jan 19 01:03:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 01:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	120098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	472622	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	263302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	578191	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	640431	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	648092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	12668	4.17	ng/uL	0.00
5) Phenol-d5	6.80	99	225914	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	151934	27.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	184723	24.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	195297	27.55	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	108967	29.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	80616	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	169669	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	238194	36.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	660371	30.43	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	875540	31.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	15766	4.47	ng/ul	0.01
57) Fluorene-d10	15.27	176	602721	31.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	22699	6.52	ng/ul	0.00
70) Anthracene-d10	17.12	188	918217	32.60	ng/ul	0.00
76) Pyrene-d10	19.42	212	999740	33.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1019069	34.21	ng/ul	0.00

Target Compounds

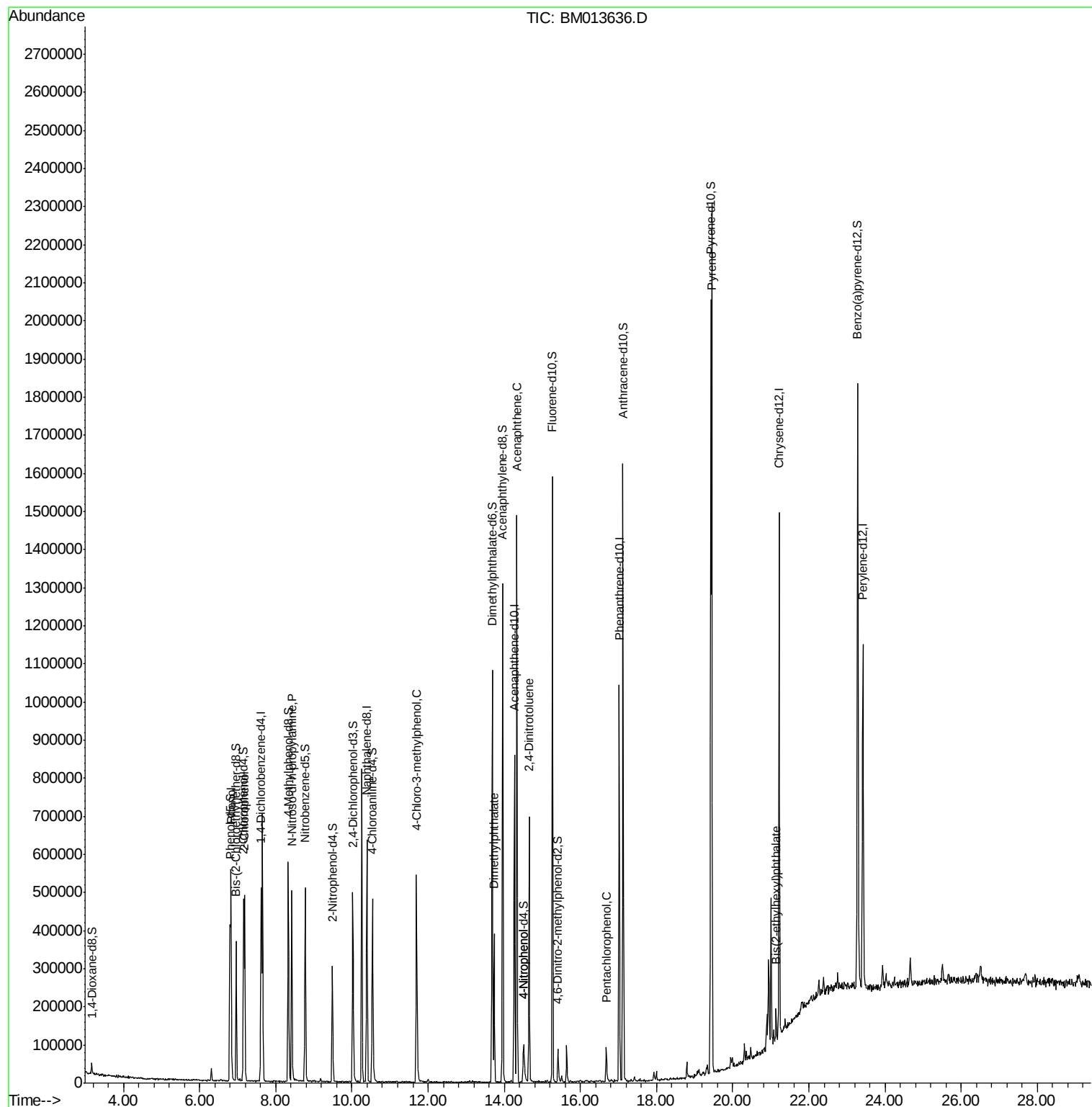
					Ovalue
6) Phenol	6.82	94	255921	27.675	ng/ul 90
10) 2-Chlorophenol	7.18	128	186356	24.889	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.42	70	165395	28.904	ng/ul# 67
33) 4-Chloro-3-methylphenol	11.69	107	199597	27.291	ng/ul 98
44) Dimethylphthalate	13.73	163	237200	11.117	ng/ul 99
49) Acenaphthene	14.33	153	552733	31.521	ng/ul 96
52) 4-Nitrophenol	14.52	109	18295	5.107	ng/ul# 72
54) 2,4-Dinitrotoluene	14.65	165	180992	30.029	ng/ul# 91
68) Pentachlorophenol	16.67	266	18761	4.803	ng/ul# 85
77) Pyrene	19.45	202	1307092	33.572	ng/ul# 95
81) Bis(2-ethylhexyl)phthalate	21.14	149	25244	1.227	ng/ul 97

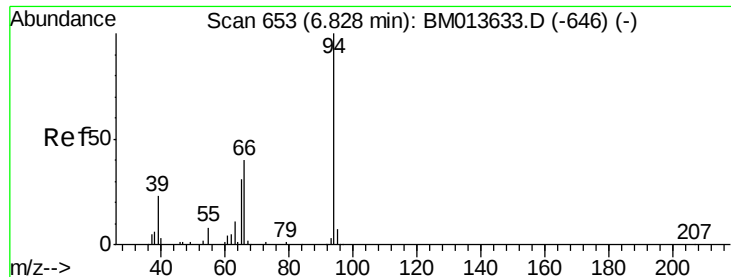
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 27.675 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

Instrument :

BNA_M

ClientSampleId :

DAJMOMS

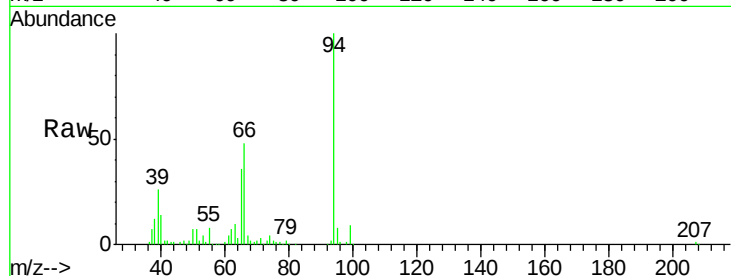
Tot Ion: 94 Resp: 255921

Ion Ratio Lower Upper

94 100

65 36.2 28.2 42.4

66 47.8 47.2 70.8

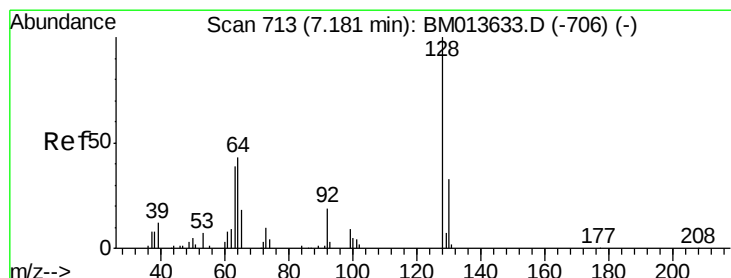
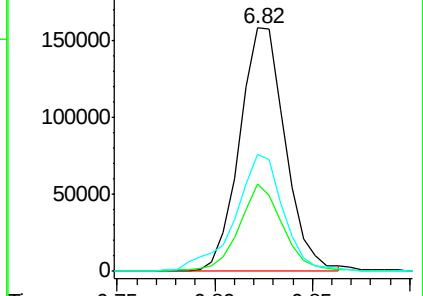
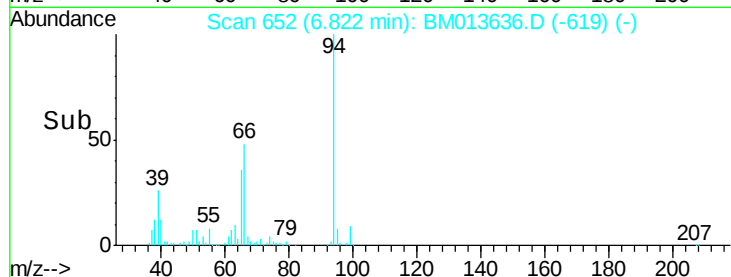


Abundance Ion 94.00 (93.70 to 94.70): BM013633.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM013633.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM013633.D (-646) (-)

Time--> 6.75 6.80 6.85



#10

2-Chlorophenol

Concen: 24.889 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

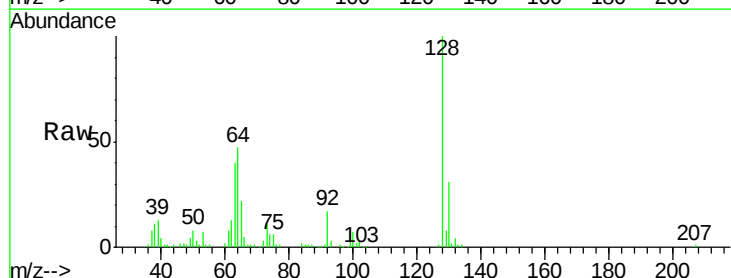
Tgt Ion:128 Resp: 186356

Ion Ratio Lower Upper

128 100

64 46.5 38.0 57.0

130 30.7 24.4 36.6

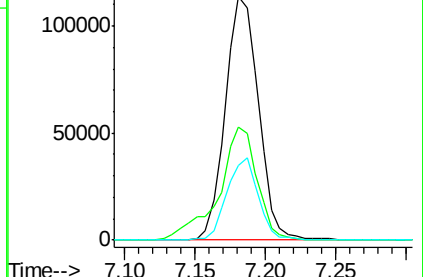
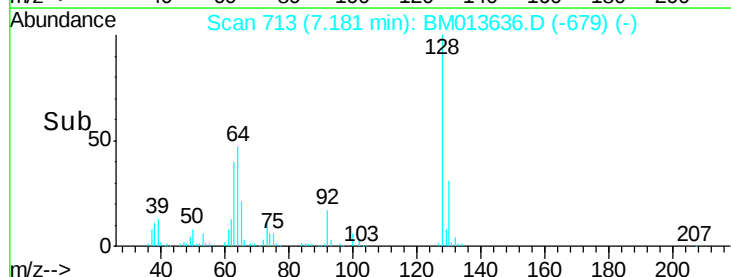


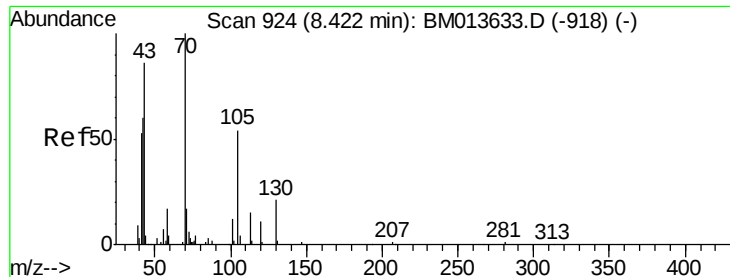
Abundance Ion 128.00 (127.70 to 128.70): BM013633.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM013633.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM013633.D (-706) (-)

Time--> 7.10 7.15 7.20 7.25

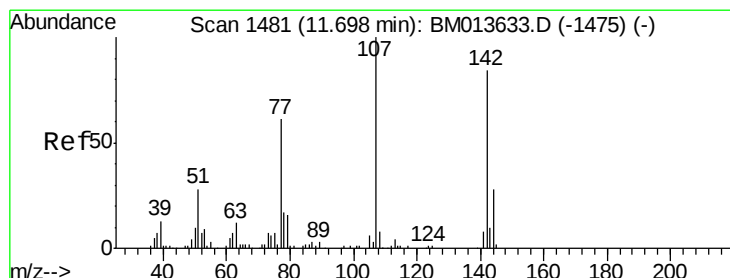
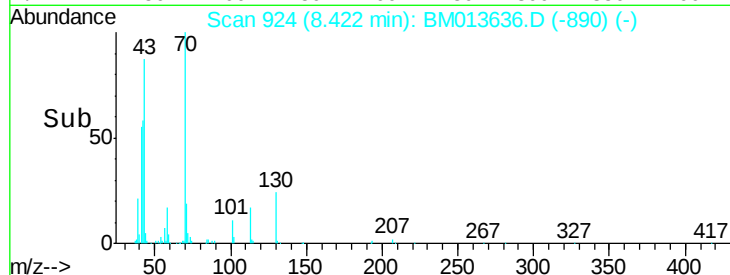
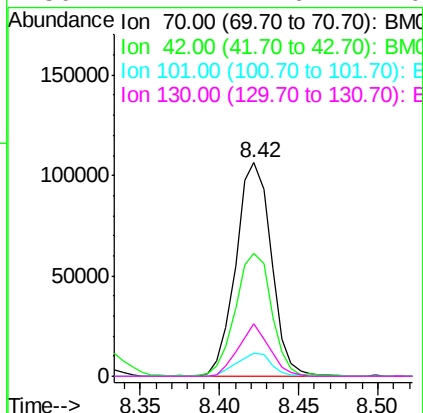
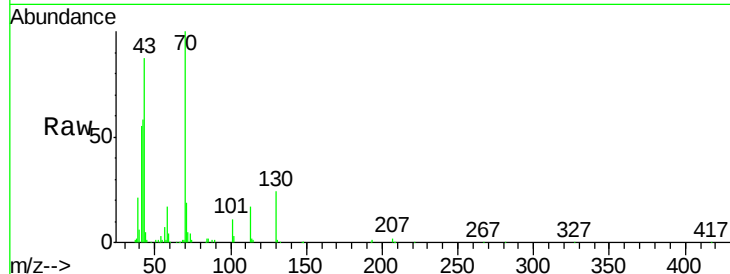




#15
N-Nitroso-di-n-propylamine
Concen: 28.904 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. 0.00 min
Lab File: BM013636.D
Acq: 18 Jan 2018 12:18

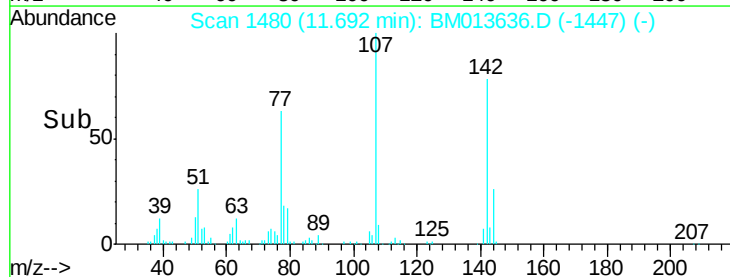
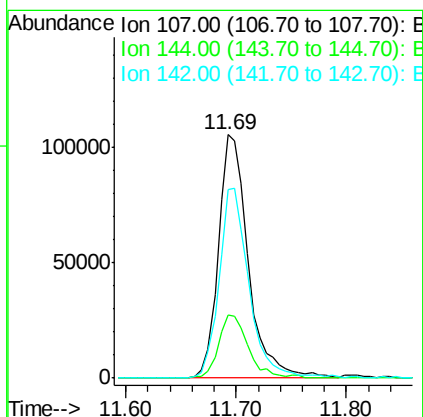
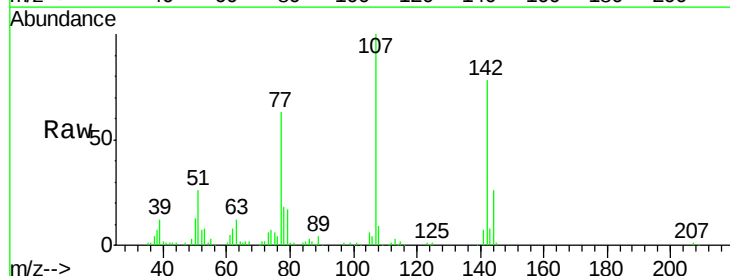
Instrument :
BNA_M
ClientSampleId :
DAJMOMS

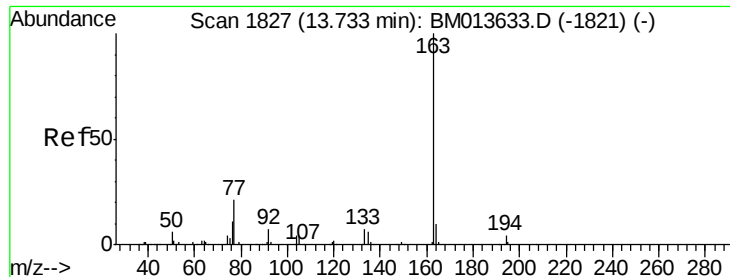
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	76.0	114.0#	
101	11.1	6.7	10.1#	
130	24.4	14.6	22.0#	



#33
4-Chloro-3-methylphenol
Concen: 27.291 ng/ul
RT: 11.69 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM013636.D
Acq: 18 Jan 2018 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	20.4	30.6	
142	77.7	60.5	90.7	





#44

Dimethylphthalate

Concen: 11.117 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

Instrument :

BNA_M

ClientSampleId :

DAJMOMS

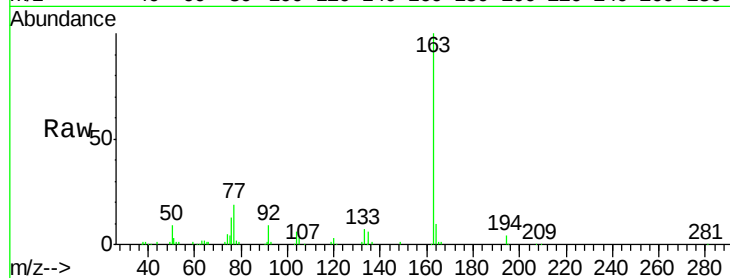
Tot Ion:163 Resp: 237200

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

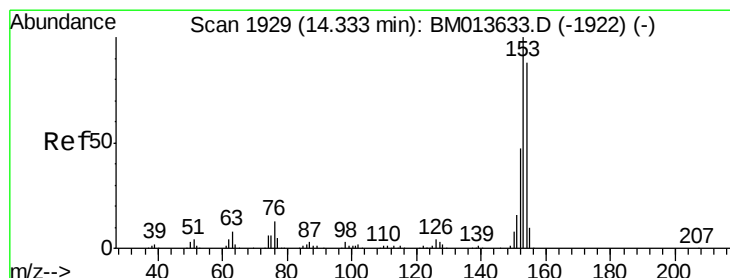
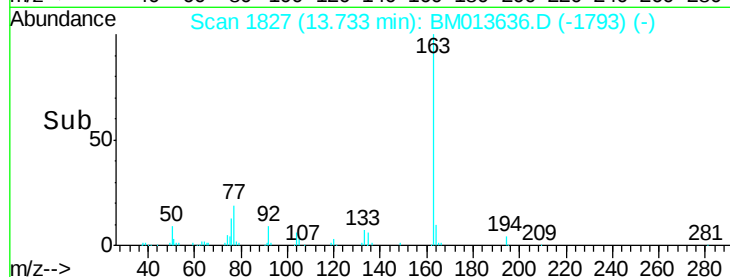
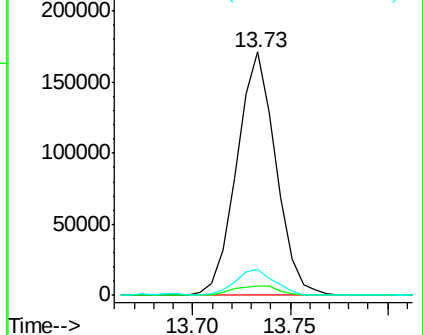
164 10.5 8.2 12.4



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: 31.521 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

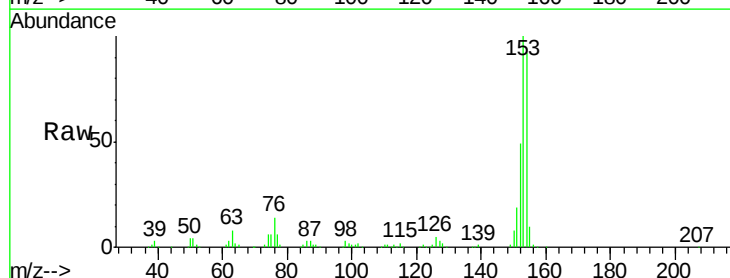
Tgt Ion:153 Resp: 552733

Ion Ratio Lower Upper

153 100

152 48.6 37.6 56.4

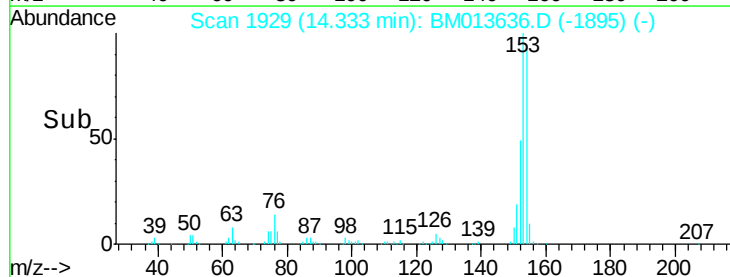
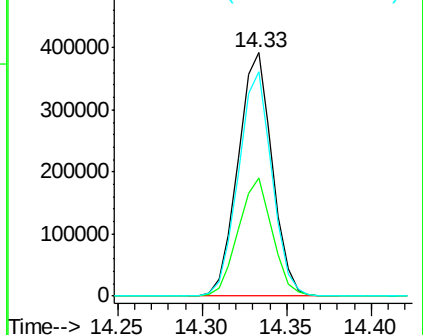
154 92.1 70.4 105.6

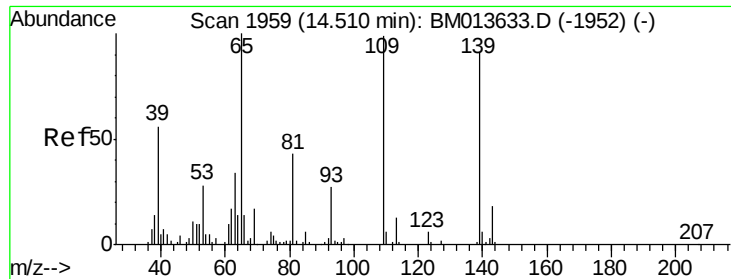


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

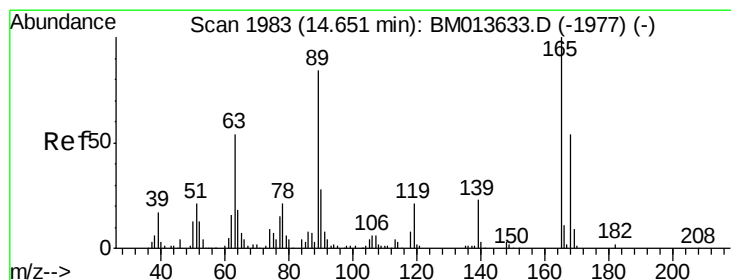
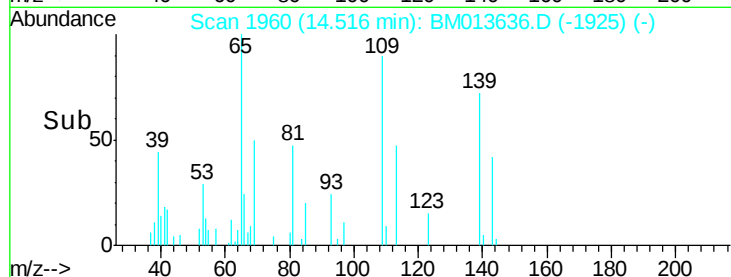
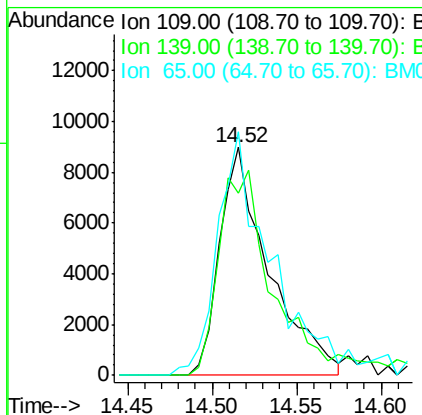
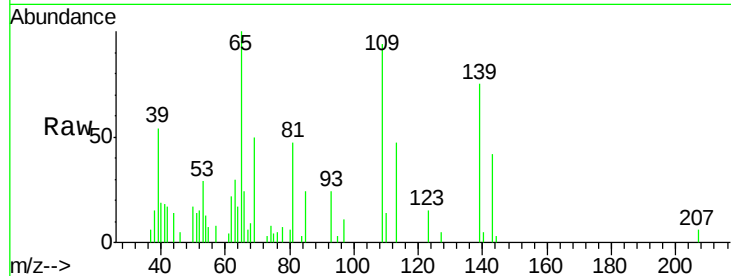




#52
4-Nitrophenol
Concen: 5.107 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BM013636.D
Acq: 18 Jan 2018 12:18

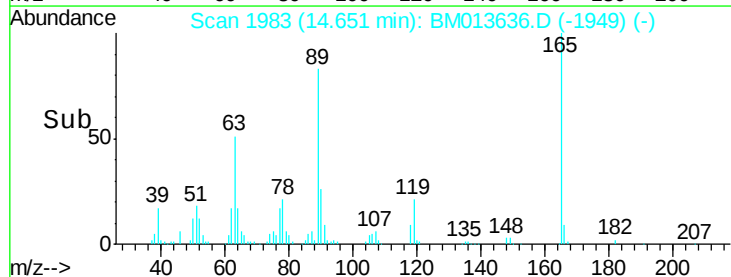
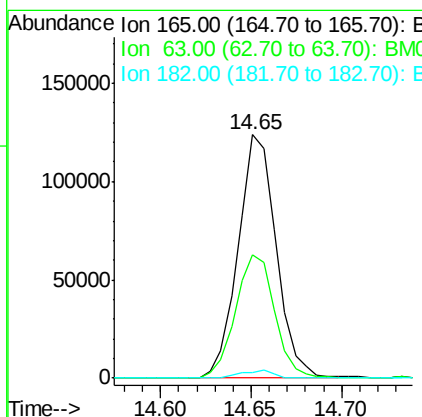
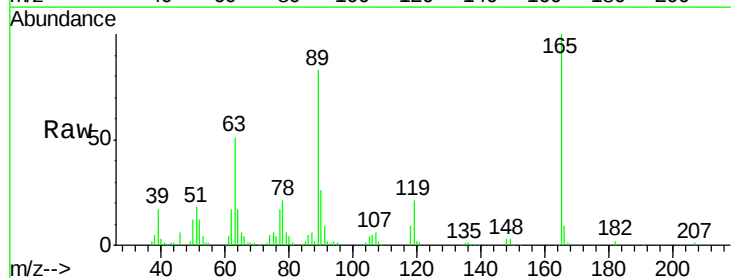
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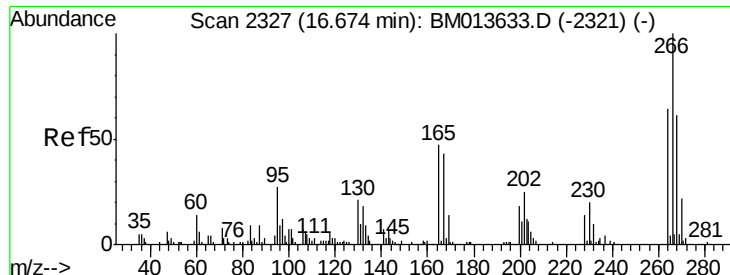
Tot Ion:109 Resp: 18295
Ion Ratio Lower Upper
109 100
139 80.1 80.0 120.0
65 106.7 120.0 180.0#



#54
2,4-Dinitrotoluene
Concen: 30.029 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013636.D
Acq: 18 Jan 2018 12:18

Tgt Ion:165 Resp: 180992
Ion Ratio Lower Upper
165 100
63 50.8 45.8 68.8
182 2.4 2.6 4.0#





#68

Pentachlorophenol

Concen: 4.803 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

Instrument :

BNA_M

ClientSampleId :

DAJMOMS

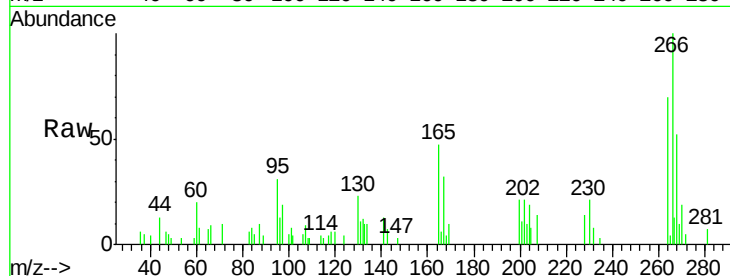
Tot Ion:266 Resp: 18761

Ion Ratio Lower Upper

266 100

264 70.4 49.3 73.9

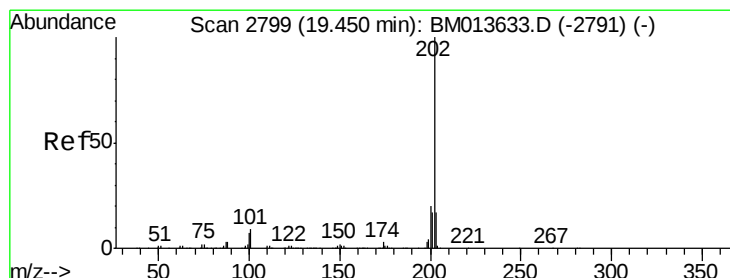
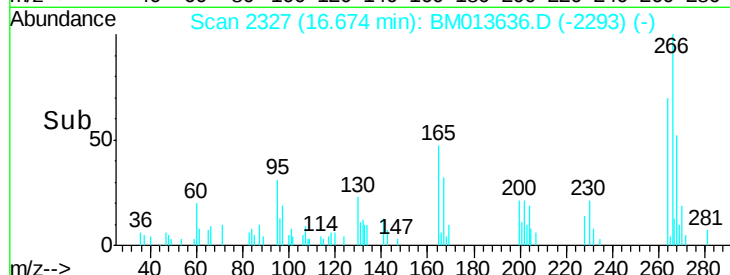
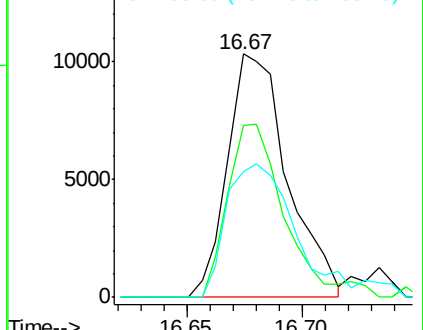
268 51.7 52.6 78.8#



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: 33.572 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM013636.D

Acq: 18 Jan 2018 12:18

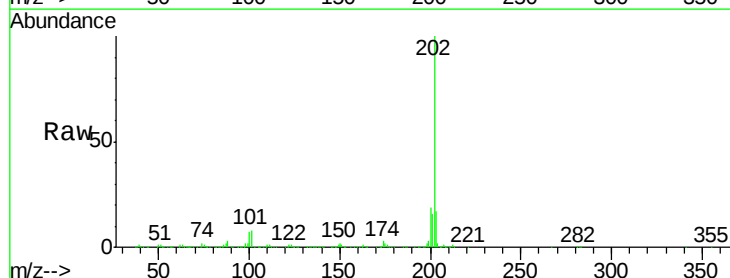
Tgt Ion:202 Resp: 1307092

Ion Ratio Lower Upper

202 100

101 8.4 5.1 7.7#

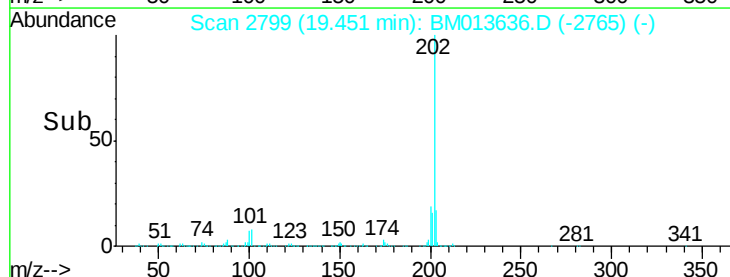
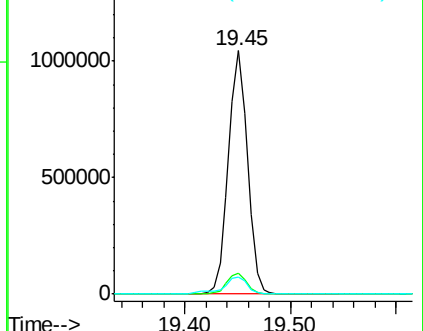
100 7.2 4.9 7.3

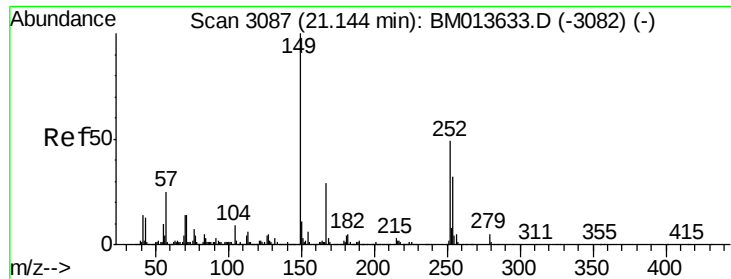


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.227 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM013636.D
 Acq: 18 Jan 2018 12:18

Instrument :
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Tot Ion:149 Resp: 25244
 Ion Ratio Lower Upper
 149 100
 167 30.5 22.8 34.2
 279 6.0 4.9 7.3

