

Data Path : U:\HPCHEM1\BNA M\DATA\BM011918\
 Data File : BM013664.D
 Acq On : 19 Jan 2018 14:52
 Operator : SJ/JU
 Sample : J1141-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJQ0MSD

Quant Time: Jan 19 16:09:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 13:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	157029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	631740	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	348758	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	737535	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	729650	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	726539	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	14182	3.57	ng/uL	0.00
5) Phenol-d5	6.79	99	329066	27.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	188830	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	273759	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	286325	30.90	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	140704	28.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	153427	29.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	290805	29.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	384788	44.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	911205	31.70	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1143909	31.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	126233	27.02	ng/ul	0.00
57) Fluorene-d10	15.26	176	780783	30.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	118433	26.68	ng/ul	0.00
70) Anthracene-d10	17.12	188	1142020	31.79	ng/ul	0.00
76) Pyrene-d10	19.42	212	1202882	35.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1159274	34.72	ng/ul	0.00

Target Compounds

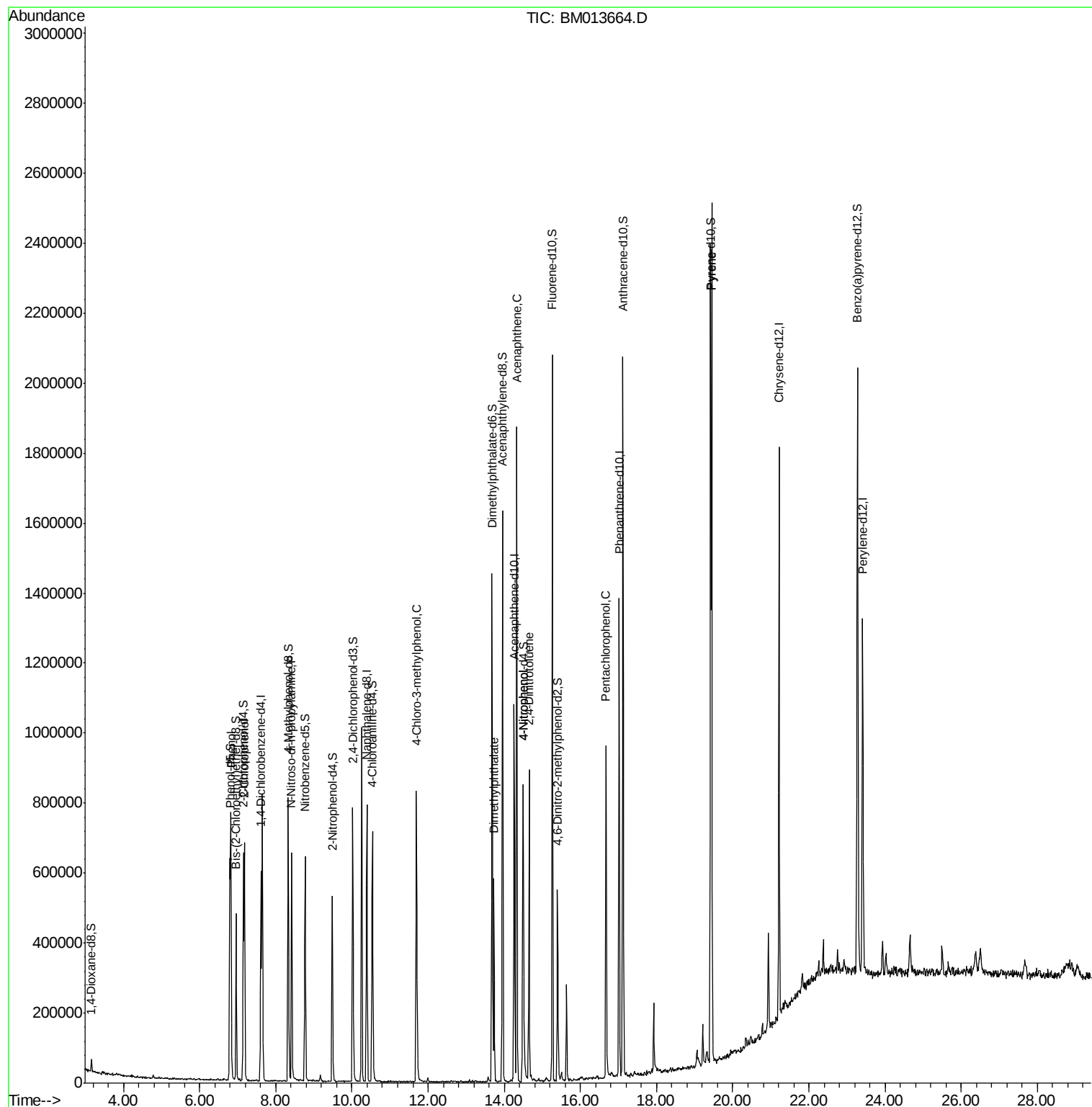
					Ovalue	
6) Phenol	6.82	94	369797	30.584	ng/ul#	87
10) 2-Chlorophenol	7.18	128	268874	27.464	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.42	70	224766	30.042	ng/ul#	69
33) 4-Chloro-3-methylphenol	11.69	107	299905	30.678	ng/ul	97
44) Dimethylphthalate	13.73	163	345957	12.241	ng/ul	99
49) Acenaphthene	14.33	153	720543	31.022	ng/ul	99
52) 4-Nitrophenol	14.50	109	123523	26.031	ng/ul#	81
54) 2,4-Dinitrotoluene	14.65	165	240608	30.138	ng/ul	89
68) Pentachlorophenol	16.67	266	171528	34.425	ng/ul	96
77) Pyrene	19.45	202	1493201	33.663	ng/ul#	96

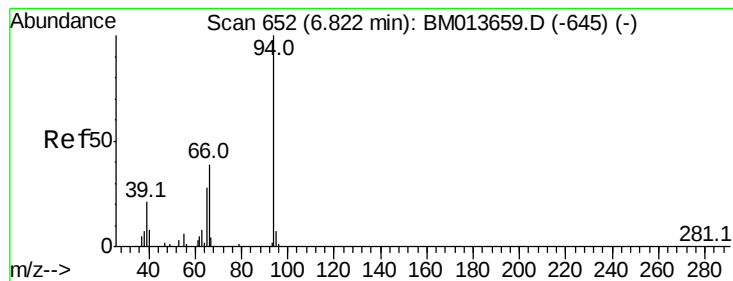
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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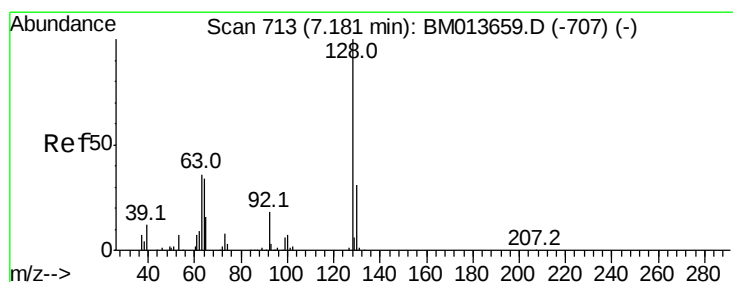
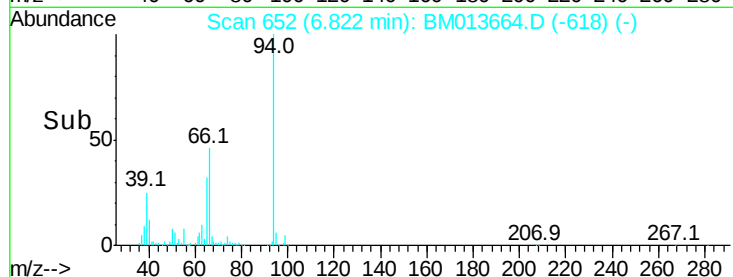
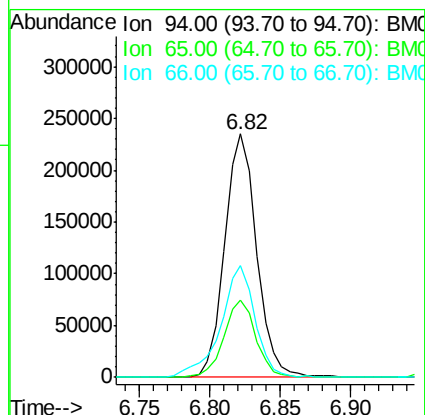
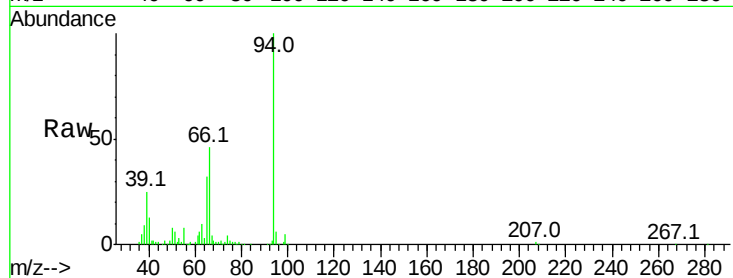
#6

Phenol

Concen: 30.584 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BM013664.D
 Acq: 19 Jan 2018 14:52

Instrument :
 BNA_M
 ClientSampleId :
 DAJQ0MSD

Tot Ion	94	Resp	369797
Ion Ratio	Lower	Upper	
94	100		
65	31.9	28.2	42.4
66	45.9	47.2	70.8#

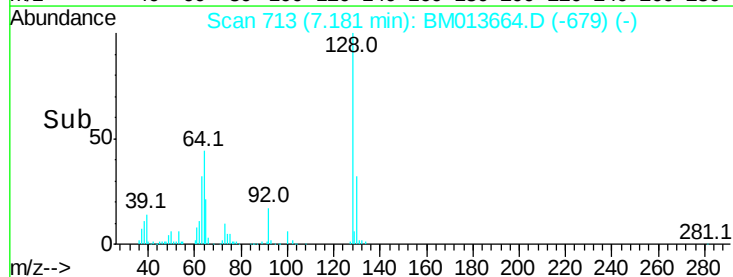
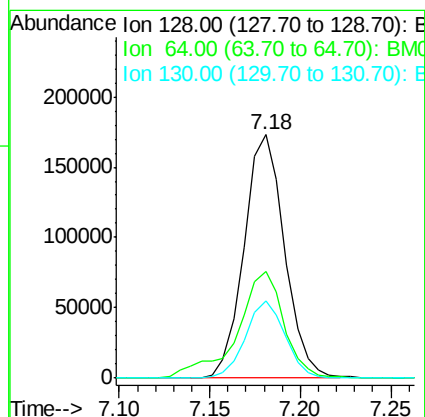
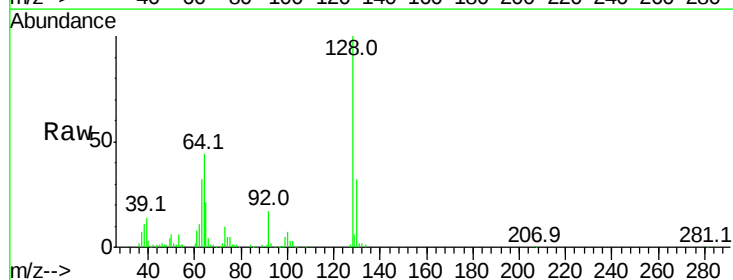


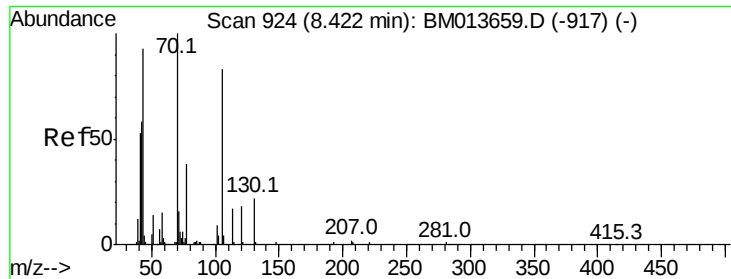
#10

2-Chlorophenol

Concen: 27.464 ng/ul
 RT: 7.18 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BM013664.D
 Acq: 19 Jan 2018 14:52

Tgt Ion	128	Resp	268874
Ion Ratio	Lower	Upper	
128	100		
64	43.7	38.0	57.0
130	31.6	24.4	36.6

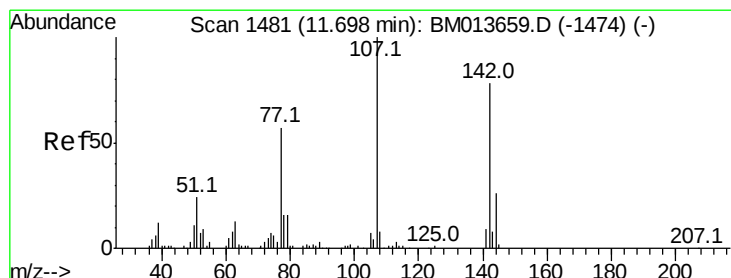
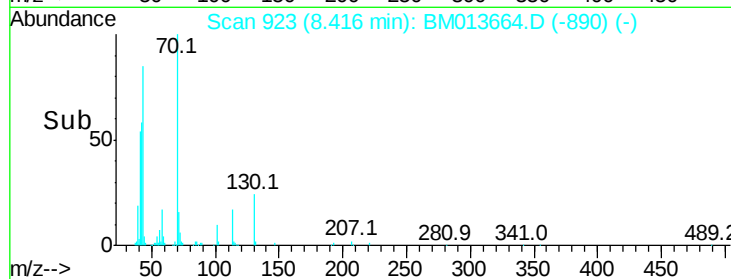
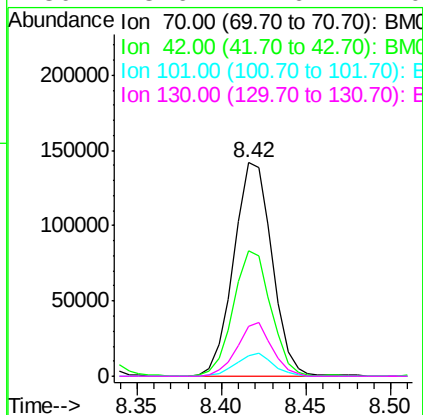
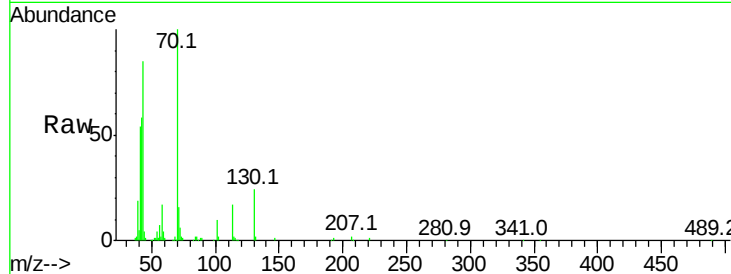




#15
N-Nitroso-di-n-propylamine
Concen: 30.042 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM013664.D
Acq: 19 Jan 2018 14:52

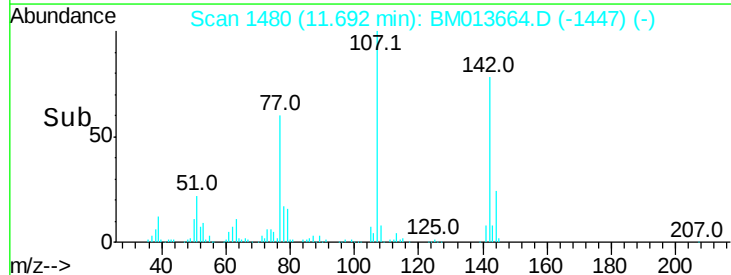
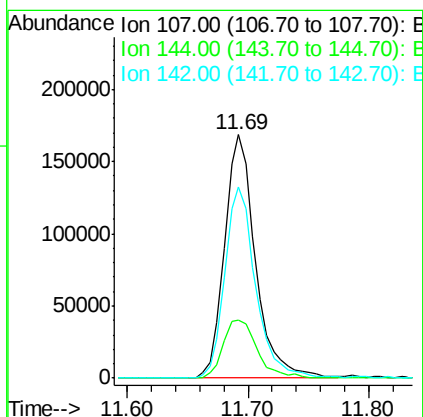
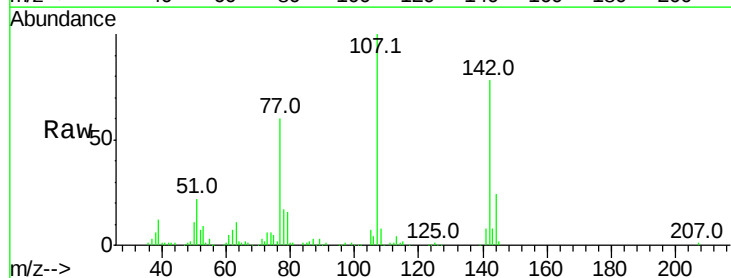
Instrument :
BNA_M
ClientSampleId :
DAJQ0MSD

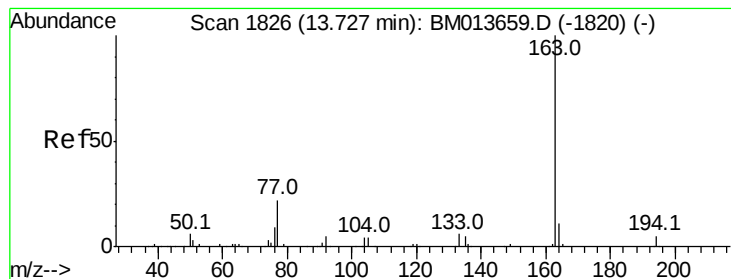
Tot Ion: 70 Resp: 224766
Ion Ratio Lower Upper
70 100
42 58.5 76.0 114.0#
101 9.8 6.7 10.1
130 23.6 14.6 22.0#



#33
4-Chloro-3-methylphenol
Concen: 30.678 ng/ul
RT: 11.69 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM013664.D
Acq: 19 Jan 2018 14:52

Tgt Ion: 107 Resp: 299905
Ion Ratio Lower Upper
107 100
144 23.9 20.4 30.6
142 78.5 60.5 90.7





#44

Dimethylphthalate

Concen: 12.241 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM013664.D

Acq: 19 Jan 2018 14:52

Instrument :

BNA_M

ClientSampleId :

DAJQ0MSD

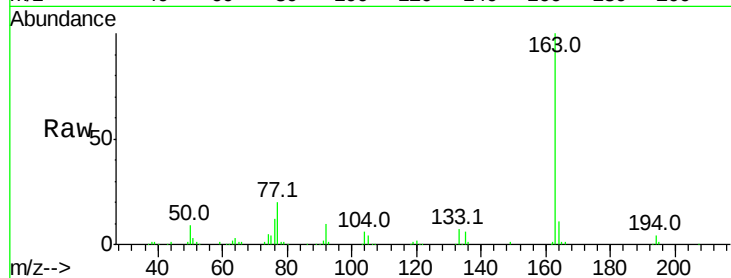
Tot Ion:163 Resp: 345957

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

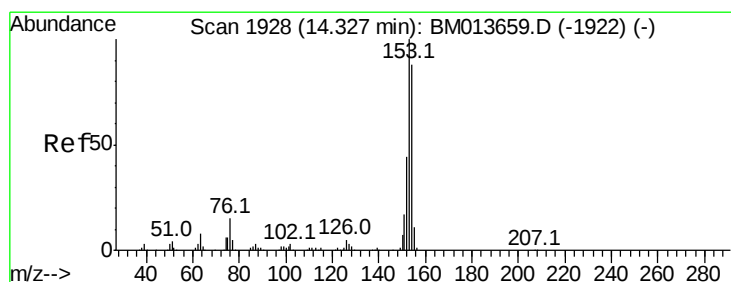
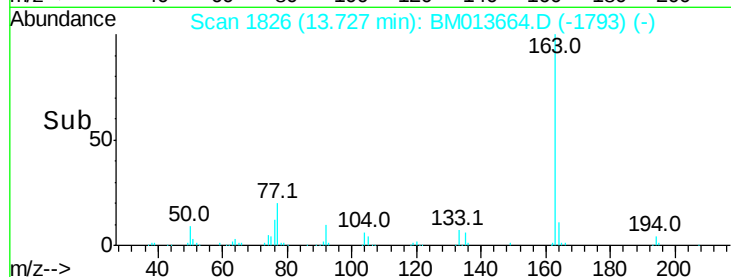
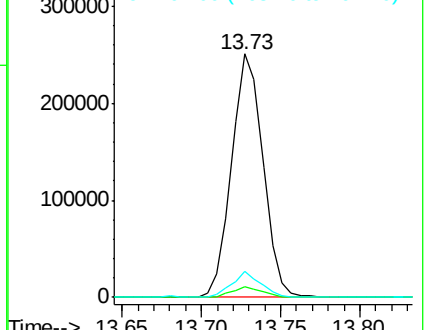
164 10.9 8.2 12.4



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: 31.022 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM013664.D

Acq: 19 Jan 2018 14:52

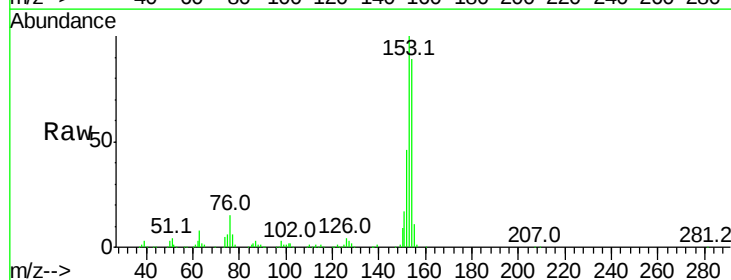
Tgt Ion:153 Resp: 720543

Ion Ratio Lower Upper

153 100

152 46.3 37.6 56.4

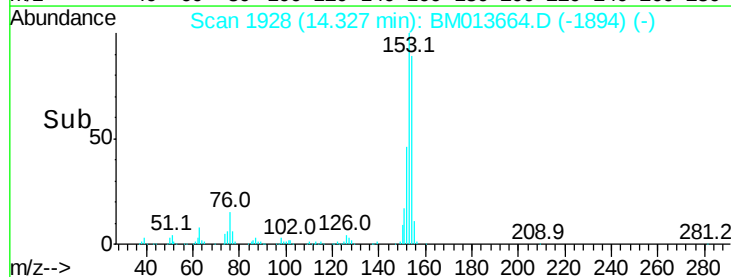
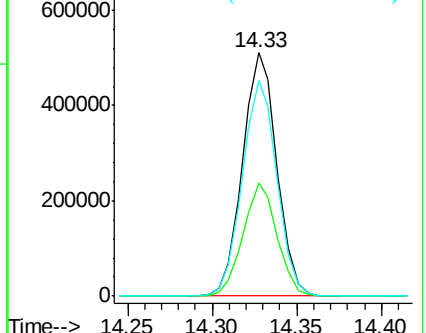
154 88.5 70.4 105.6

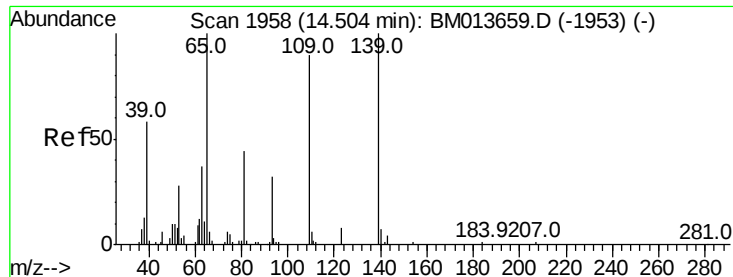


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 26.031 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013664.D

Acq: 19 Jan 2018 14:52

Instrument :

BNA_M

ClientSampleId :

DAJQ0MSD

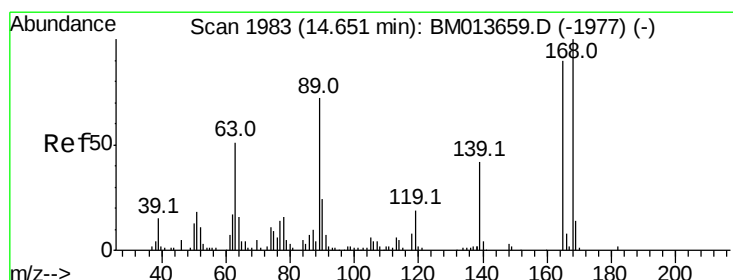
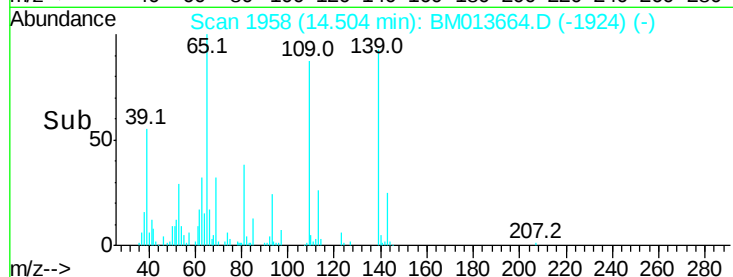
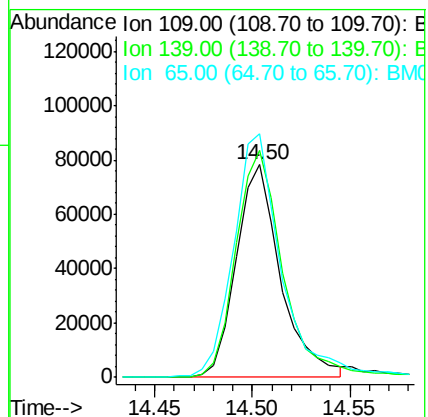
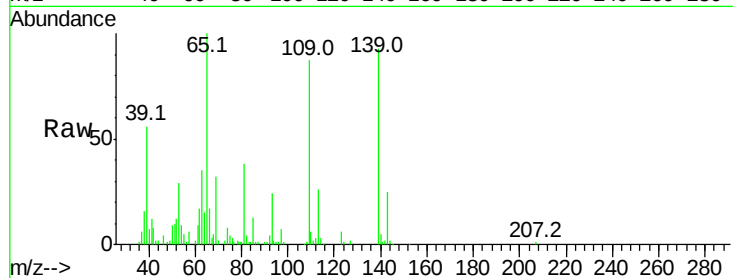
Tot Ion:109 Resp: 123523

Ion Ratio Lower Upper

109 100

139 106.7 80.0 120.0

65 114.6 120.0 180.0#



#54

2,4-Dinitrotoluene

Concen: 30.138 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013664.D

Acq: 19 Jan 2018 14:52

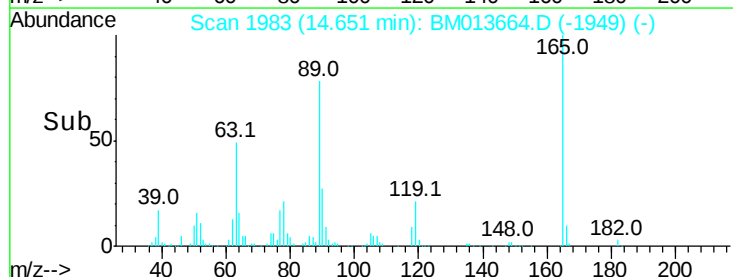
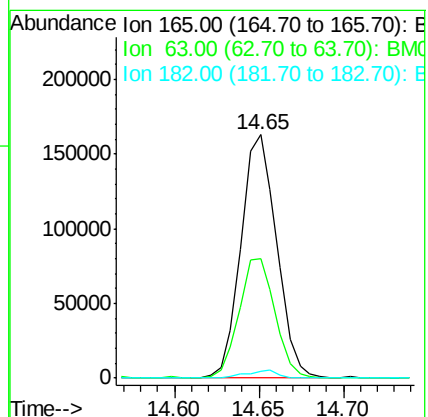
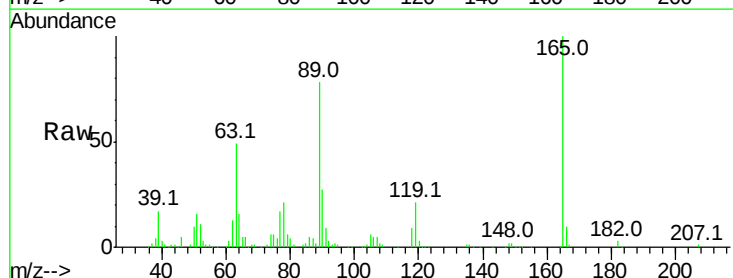
Tgt Ion:165 Resp: 240608

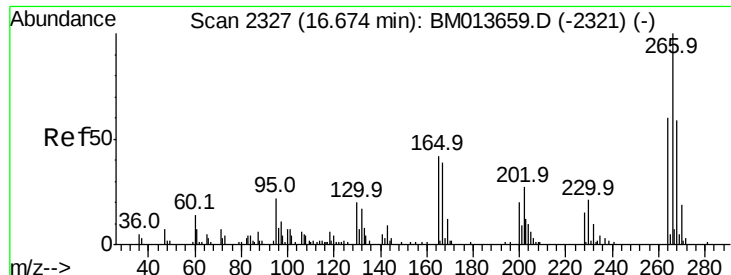
Ion Ratio Lower Upper

165 100

63 49.1 45.8 68.8

182 2.7 2.6 4.0





#68

Pentachlorophenol

Concen: 34.425 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BM013664.D

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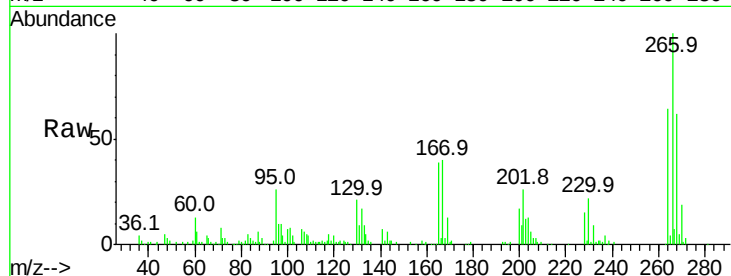
Tot Ion:266 Resp: 171528

Ion Ratio Lower Upper

266 100

264 63.6 49.3 73.9

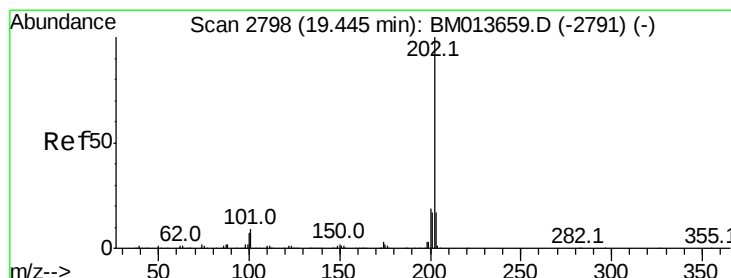
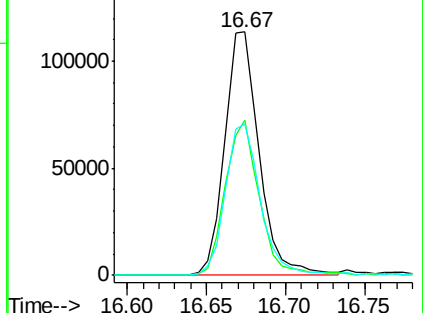
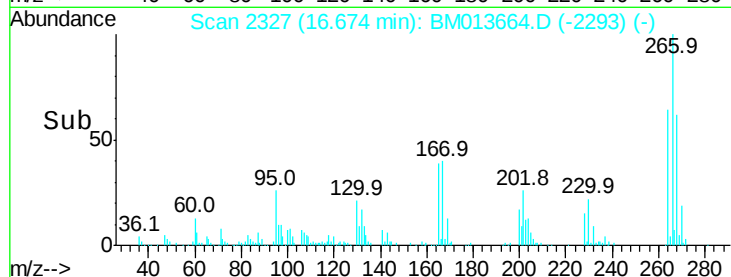
268 62.0 52.6 78.8



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: 33.663 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM013664.D

Acq: 19 Jan 2018 14:52

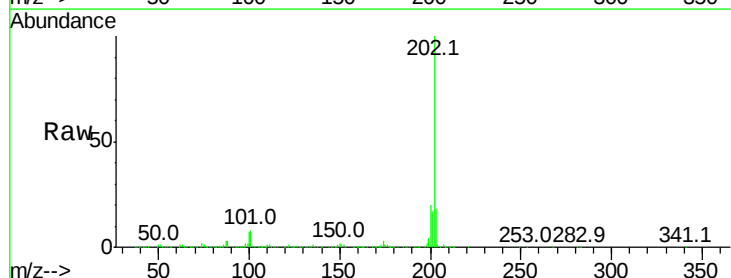
Tgt Ion:202 Resp: 1493201

Ion Ratio Lower Upper

202 100

101 8.1 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

