

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081916\
 Data File : BM007239.D
 Acq On : 19 Aug 2016 16:17
 Operator : UM/SJ
 Sample : H4436-18MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA215MSD

Quant Time: Aug 19 17:01:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	244591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	964444	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	553070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1309514	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1580691	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1658553	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	22369	4.00	ng/uL	0.00
5) Phenol-d5	6.97	99	457787	23.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	259108	22.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	371071	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	361120	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	175605	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	190706	25.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	372615	23.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	366874	19.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1134232	24.82	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1390517	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	179206	21.88	ng/ul	0.00
57) Fluorene-d10	15.43	176	1011056	25.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	98179	13.57	ng/ul	0.00
70) Anthracene-d10	17.27	188	1584836	26.12	ng/ul	0.00
76) Pyrene-d10	19.57	212	1961033	29.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2050337	27.03	ng/ul	0.01

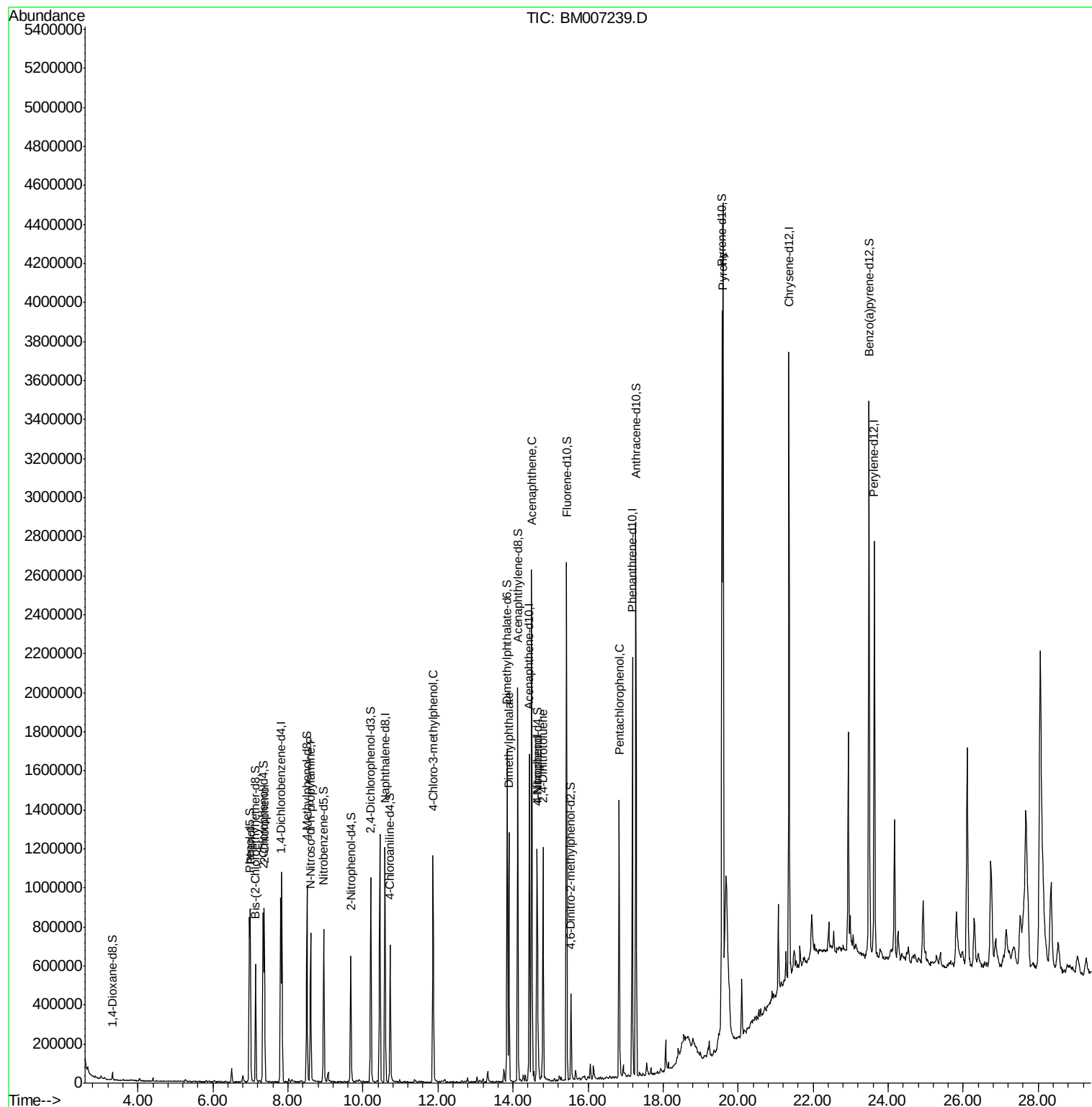
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.00	94	458914	21.99	ng/ul	99
10) 2-Chlorophenol	7.37	128	365899	22.67	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	286797	21.95	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	402217	23.57	ng/ul	95
44) Dimethylphthalate	13.89	163	809639	17.73	ng/ul	99
49) Acenaphthene	14.50	153	915725	24.96	ng/ul	100
52) 4-Nitrophenol	14.65	109	183656	22.06	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	324909	24.80	ng/ul	97
68) Pentachlorophenol	16.83	266	256006	24.80	ng/ul	98
77) Pyrene	19.60	202	2449692	28.03	ng/ul	99

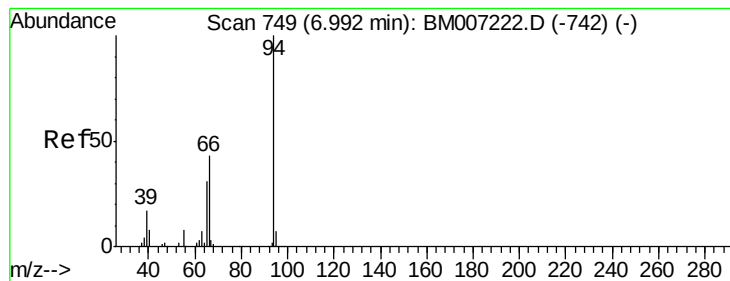
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 21.99 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.01 min

Lab File: BM007239.D

Acq: 19 Aug 2016 16:17

Instrument :

BNA_M

ClientSampleId :

DA215MSD

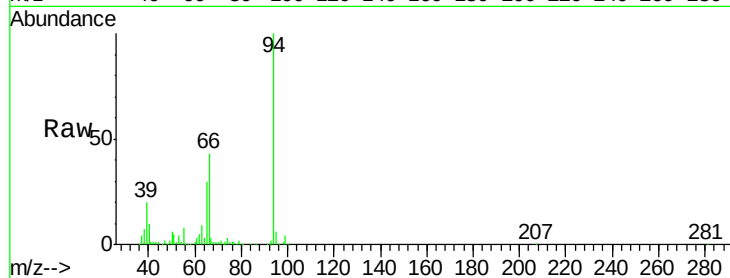
Tgt Ion: 94 Resp: 458914

Ion Ratio Lower Upper

94 100

65 29.8 23.9 35.9

66 42.5 33.5 50.3

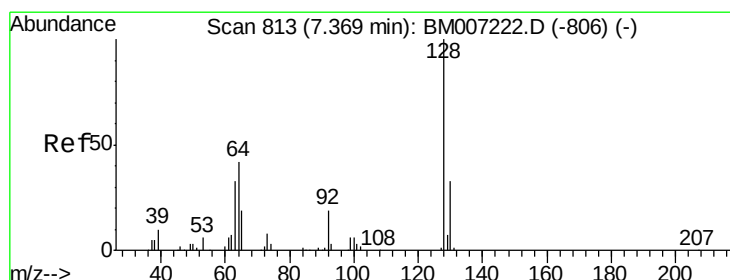
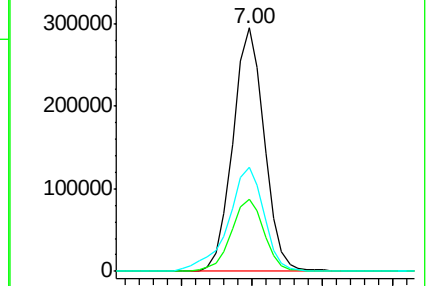
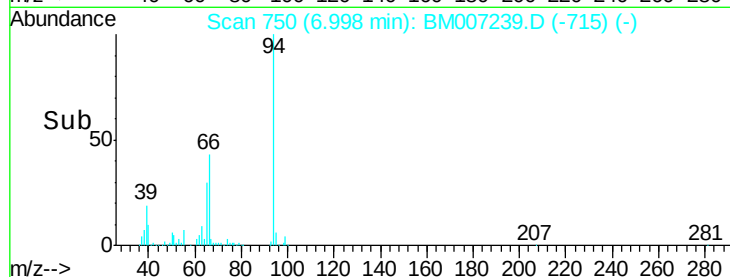


Abundance Ion 94.00 (93.70 to 94.70): BM007222.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007222.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007222.D (-742) (-)

Time-->



#10

2-Chlorophenol

Concen: 22.67 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007239.D

Acq: 19 Aug 2016 16:17

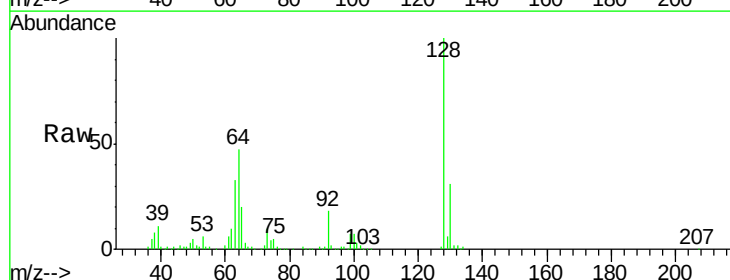
Tgt Ion: 128 Resp: 365899

Ion Ratio Lower Upper

128 100

64 46.8 37.5 56.3

130 31.4 25.0 37.4

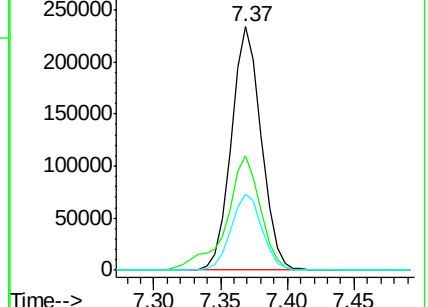
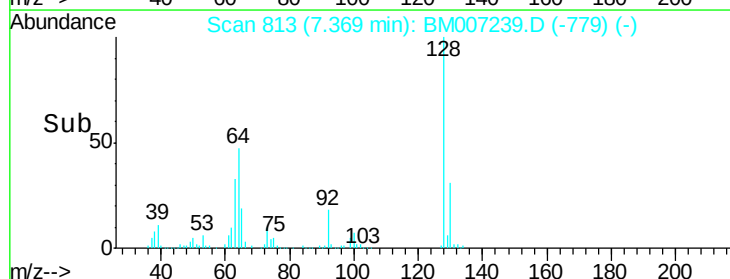


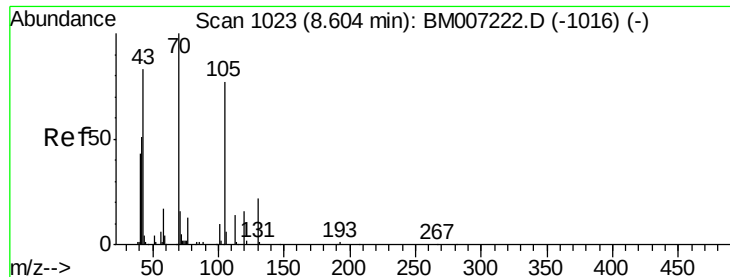
Abundance Ion 128.00 (127.70 to 128.70): BM007222.D (-806) (-)

Ion 64.00 (63.70 to 64.70): BM007222.D (-806) (-)

Ion 130.00 (129.70 to 130.70): BM007222.D (-806) (-)

Time-->

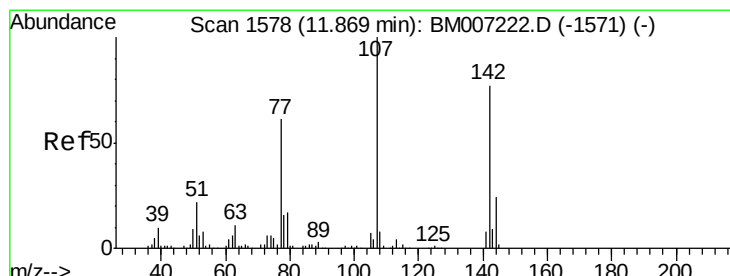
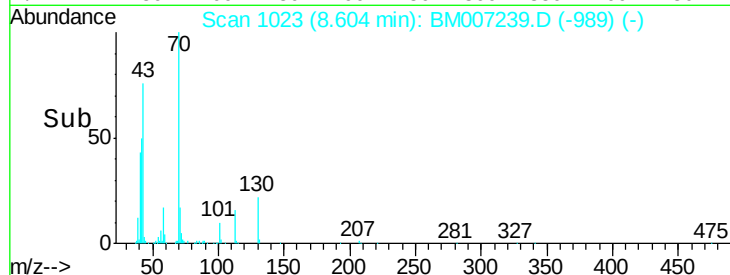
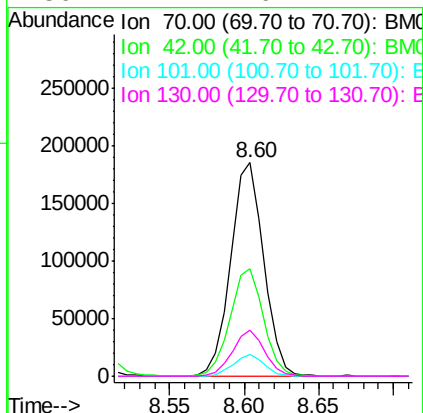
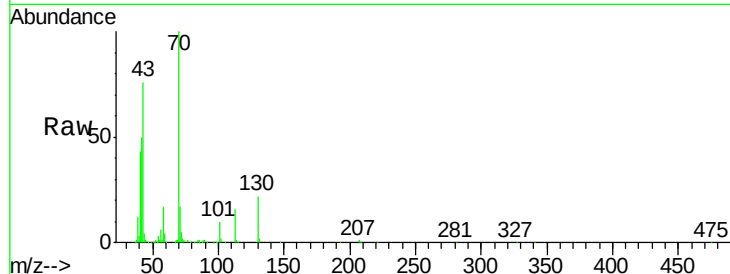




#15
N-Nitroso-di-n-propylamine
Concen: 21.95 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007239.D
Acq: 19 Aug 2016 16:17

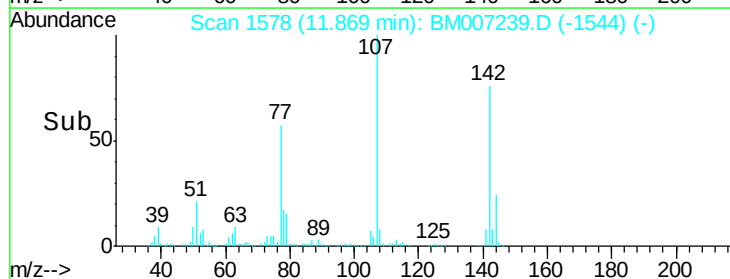
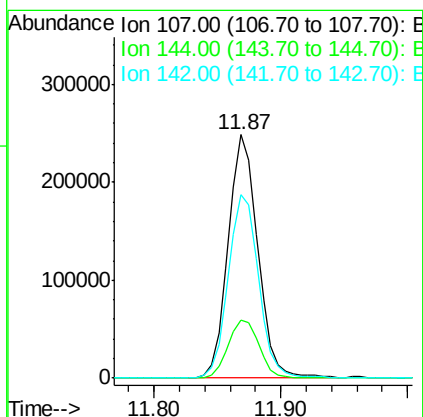
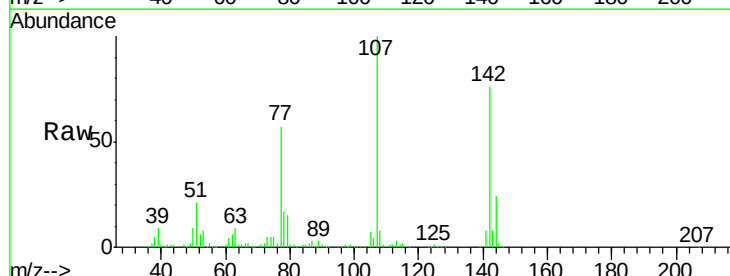
Instrument :
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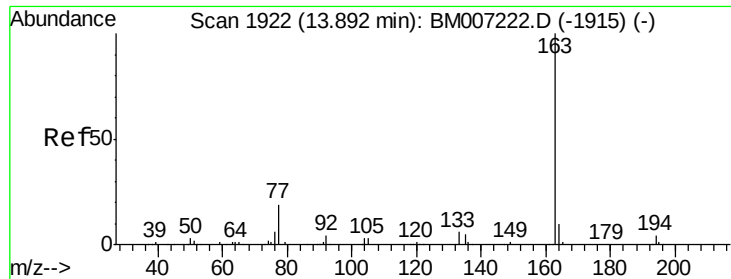
Tgt Ion:	70	Resp:	286797
Ion	Ratio	Lower	Upper
70	100		
42	50.3	43.4	65.2
101	10.0	7.8	11.6
130	21.7	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 23.57 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BM007239.D
Acq: 19 Aug 2016 16:17

Tgt Ion:	107	Resp:	402217
Ion	Ratio	Lower	Upper
107	100		
144	23.8	21.1	31.7
142	75.6	64.1	96.1





#44

Dimethylphthalate

Concen: 17.73 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM007239.D

Acq: 19 Aug 2016 16:17

Instrument :

BNA_M

ClientSampleId :

DA215MSD

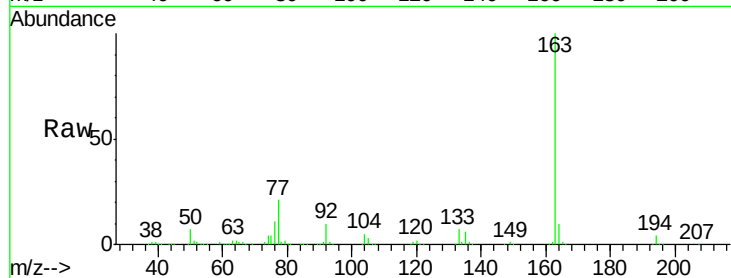
Tgt Ion:163 Resp: 809639

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

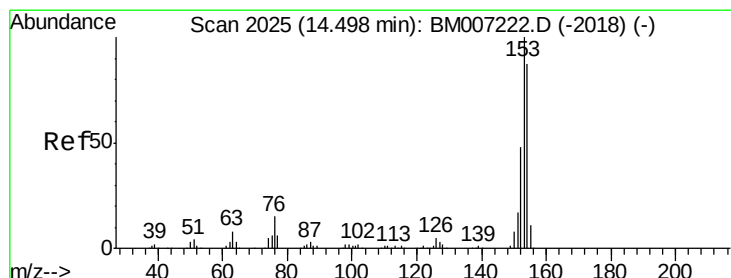
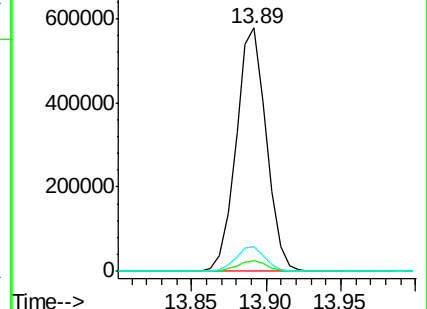
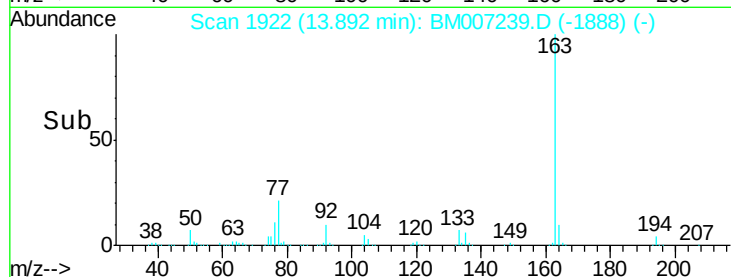
164 10.0 7.8 11.8



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: 24.96 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007239.D

Acq: 19 Aug 2016 16:17

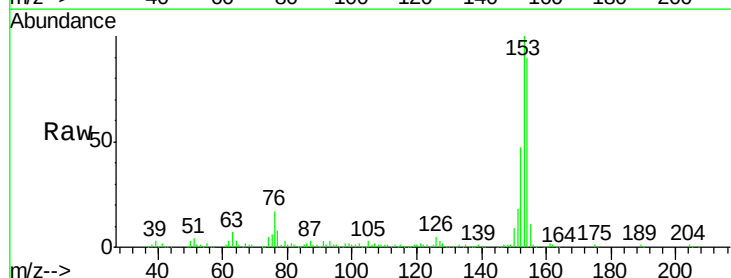
Tgt Ion:153 Resp: 915725

Ion Ratio Lower Upper

153 100

152 47.3 37.8 56.6

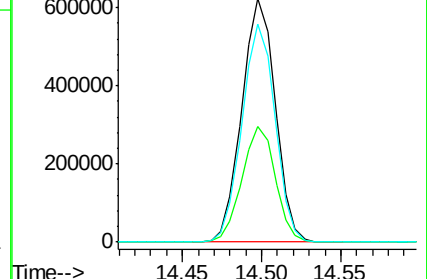
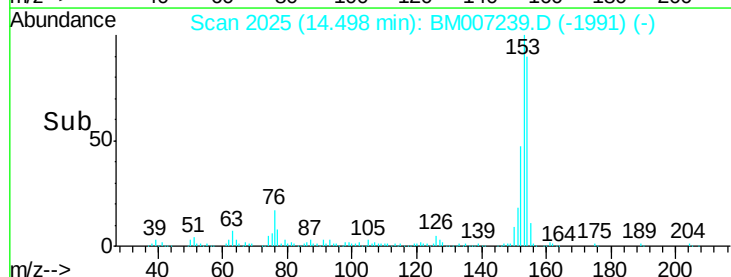
154 89.6 71.4 107.0

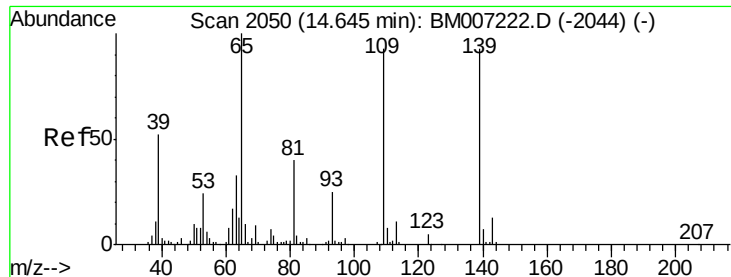


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

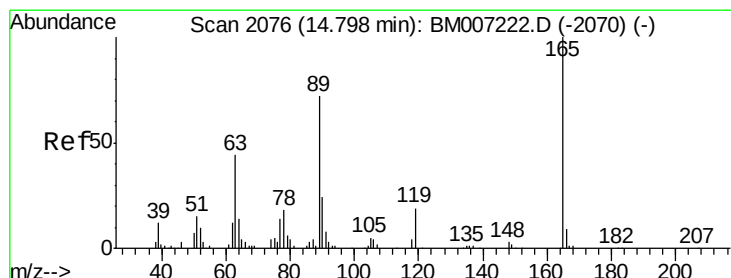
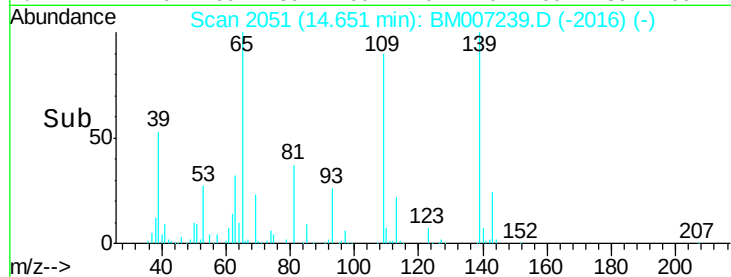
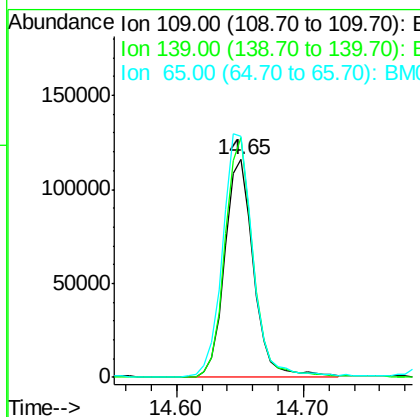
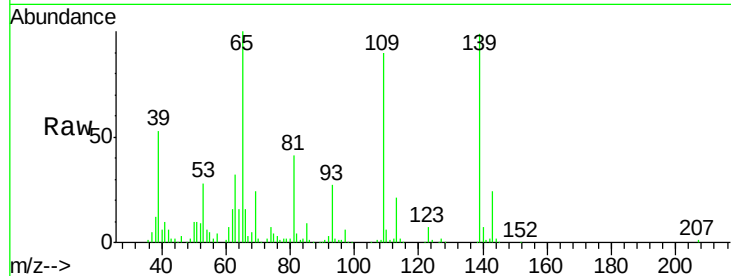




#52
4-Nitrophenol
Concen: 22.06 ng/ul
RT: 14.65 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BM007239.D
Acq: 19 Aug 2016 16:17

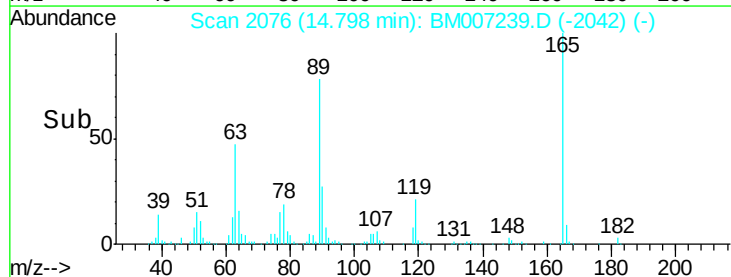
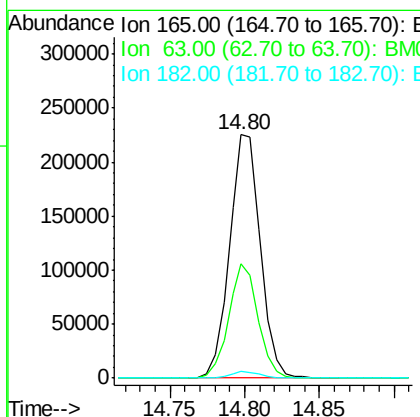
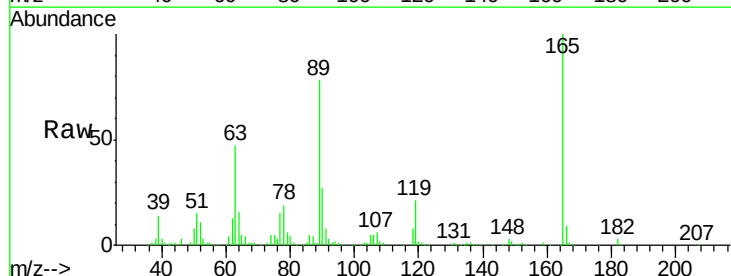
Instrument :
BNA_M
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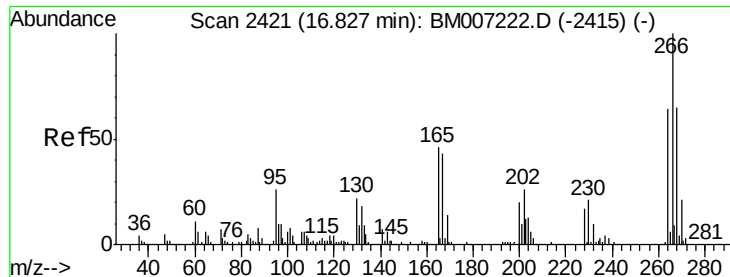
Tgt Ion	Resp	Lower	Upper
109	183656		
109	100		
139	110.3	88.7	133.1
65	111.0	96.4	144.6



#54
2,4-Dinitrotoluene
Concen: 24.80 ng/ul
RT: 14.80 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BM007239.D
Acq: 19 Aug 2016 16:17

Tgt Ion	Resp	Lower	Upper
165	324909		
165	100		
63	47.0	36.2	54.2
182	2.7	2.2	3.4

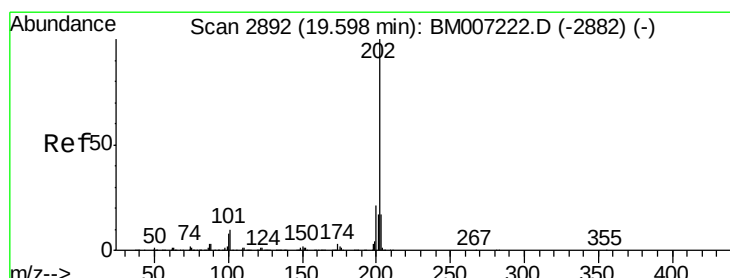
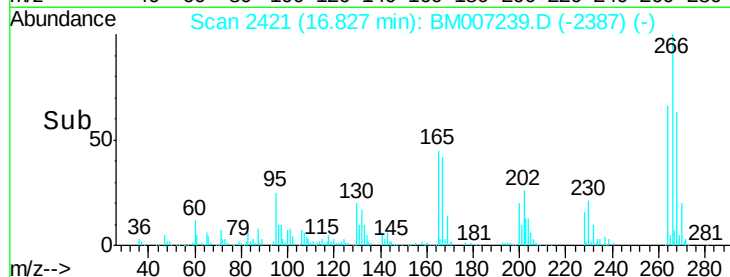
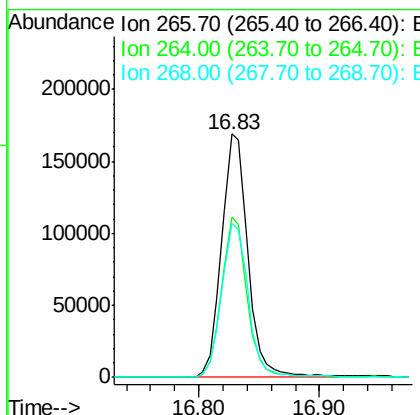
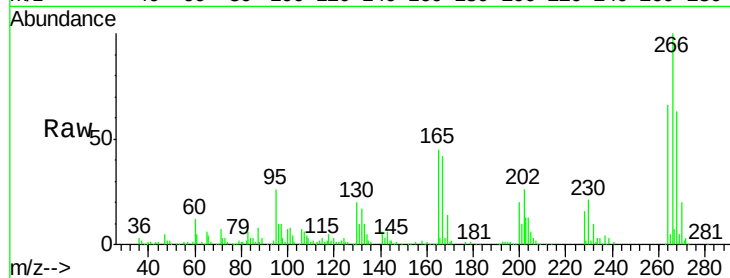




#68
 Pentachlorophenol
 Concen: 24.80 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007239.D
 Acq: 19 Aug 2016 16:17

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	50.6	75.8
268	63.2	51.0	76.6



#77
 Pyrene
 Concen: 28.03 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BM007239.D
 Acq: 19 Aug 2016 16:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
100	8.3	6.9	10.3

