

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
 Data File : BM007609.D
 Acq On : 28 Sep 2016 19:31
 Operator : UM/SJ
 Sample : H4955-13MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VM1MS

Manual Integrations
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Quant Time: Sep 29 01:46:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 29 01:41:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	211488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1007328	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	805528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1859553	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2496484	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2372434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5582	1.30	ng/uL	0.00
5) Phenol-d5	6.95	99	114118	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	285003	28.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	304154	22.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	229635	14.33	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	209681	29.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	239218	29.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	426173	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	13669	0.80	ng/ul	0.03
43) Dimethylphthalate-d6	13.82	166	1933199	32.99	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2157753	31.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	62458m	6.04	ng/ul	0.00
57) Fluorene-d10	15.40	176	1688253	32.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	338832	29.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	2918695	34.16	ng/ul	0.00
76) Pyrene-d10	19.54	212	3696271	37.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	3596623	34.26	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.97	94	122446	6.43	ng/ul	97
10) 2-Chlorophenol	7.34	128	304942	22.31	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	394151	31.81	ng/ul	96
33) 4-Chloro-3-methylphenol	11.85	107	512034	26.18	ng/ul	93
49) Acenaphthene	14.47	153	1447047	31.18	ng/ul	100
52) 4-Nitrophenol	14.64	109	62096	5.77	ng/ul	89
54) 2,4-Dinitrotoluene	14.78	165	601573	34.60	ng/ul	97
68) Pentachlorophenol	16.80	266	480096	33.58	ng/ul	98
77) Pyrene	19.57	202	4514912	36.86	ng/ul	99

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

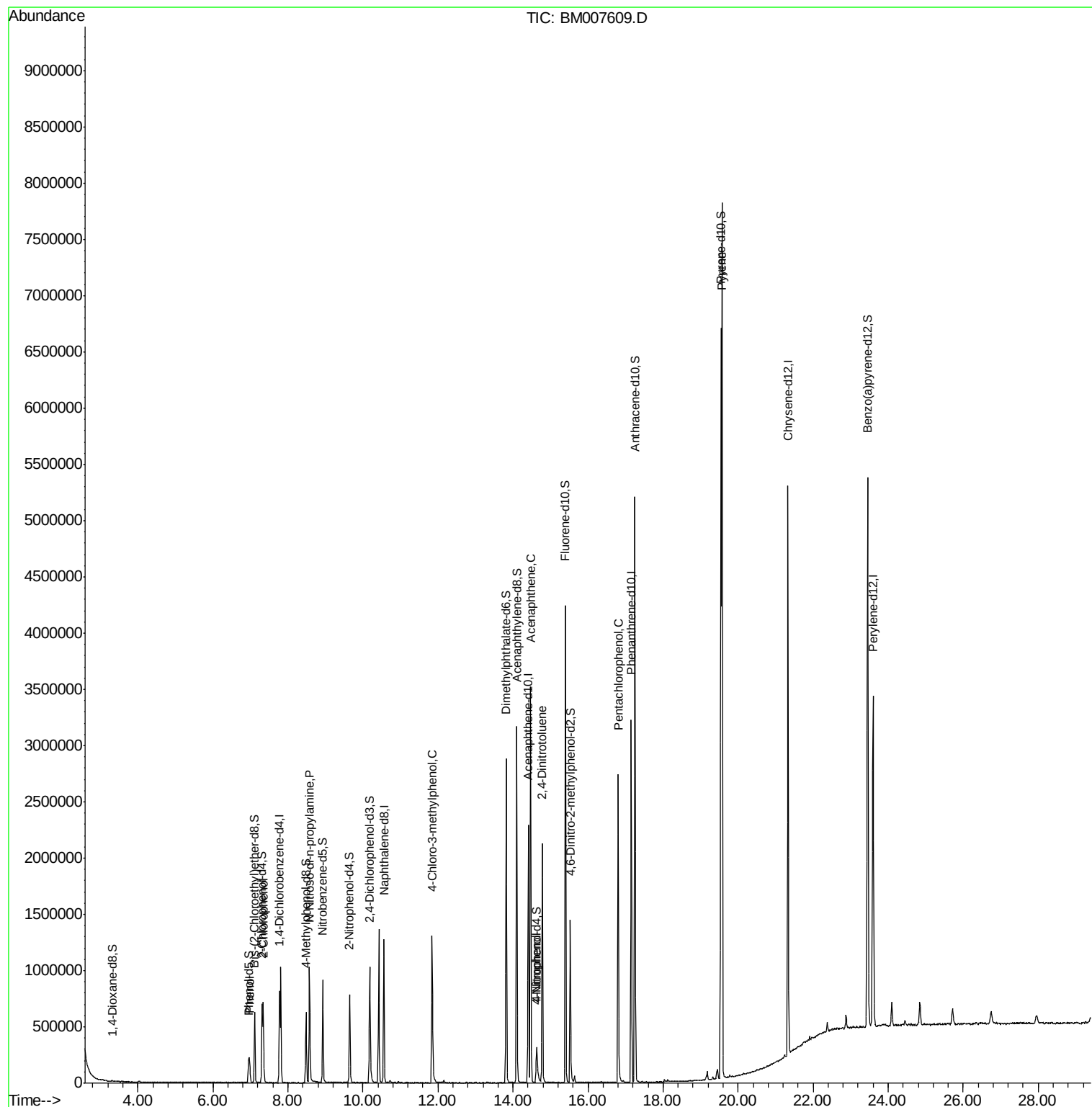
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
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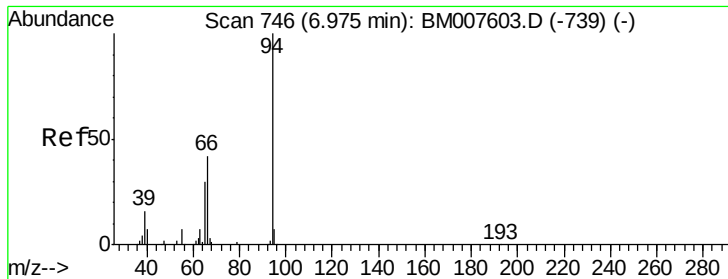
Instrument :
BNA_M
ClientSampleId :
A4VM1MS

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 01:41:47 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.43 ng/ul

RT: 6.97 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM007609.D

Acq: 28 Sep 2016 19:31

Instrument :

BNA_M

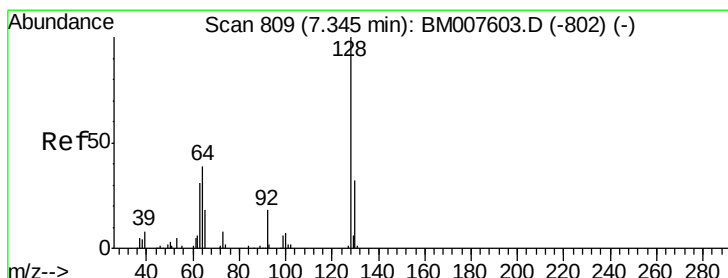
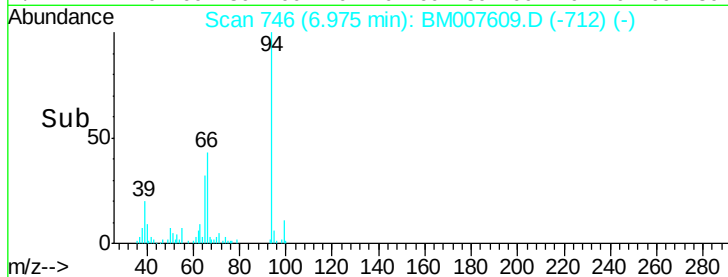
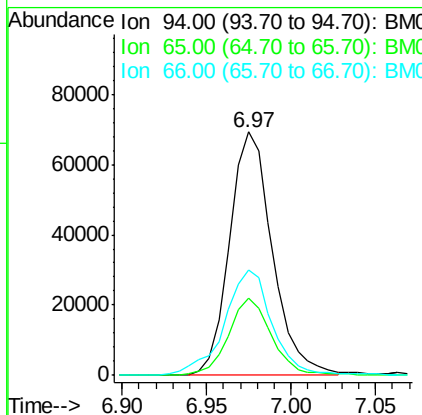
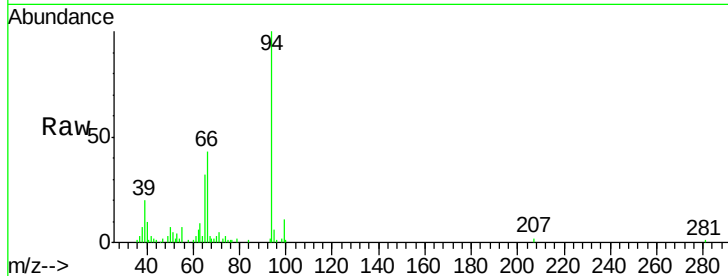
ClientSampleId :

A4VM1MS

Tgt Ion:	94	Resp:	122446
Ion Ratio	Lower	Upper	
94	100		
65	32.0	23.9	35.9
66	43.5	33.5	50.3

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#10

2-Chlorophenol

Concen: 22.31 ng/ul

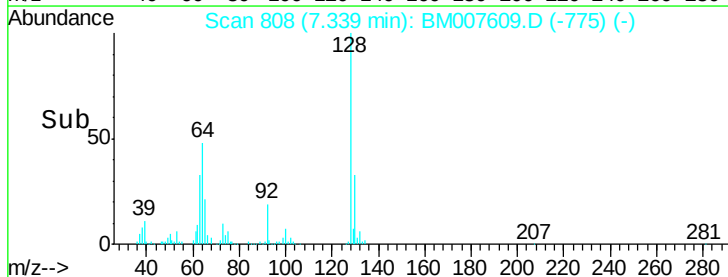
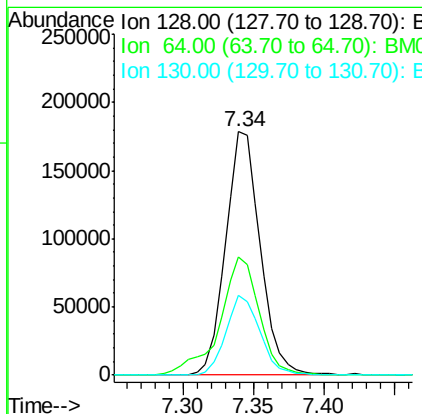
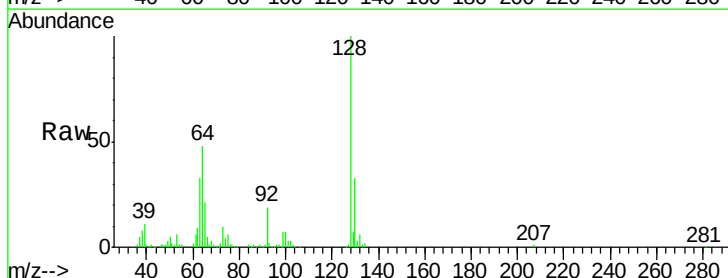
RT: 7.34 min Scan# 808

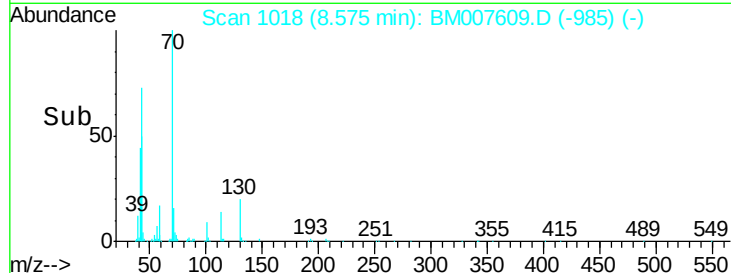
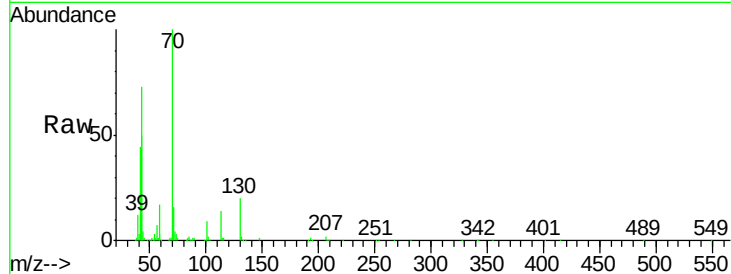
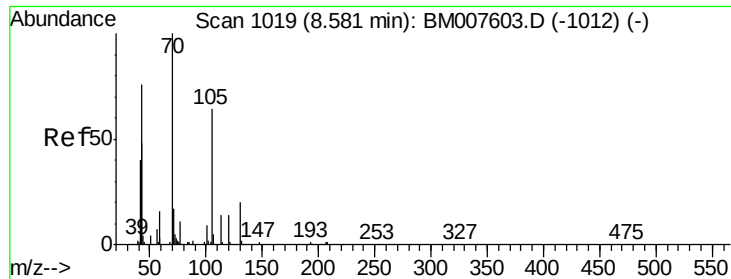
Delta R.T. -0.01 min

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Tgt Ion:	128	Resp:	304942
Ion Ratio	Lower	Upper	
128	100		
64	48.4	37.5	56.3
130	33.0	25.0	37.4





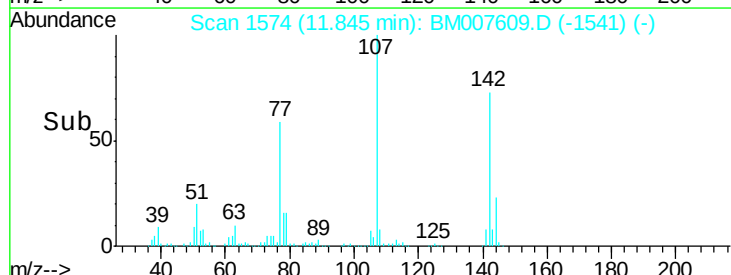
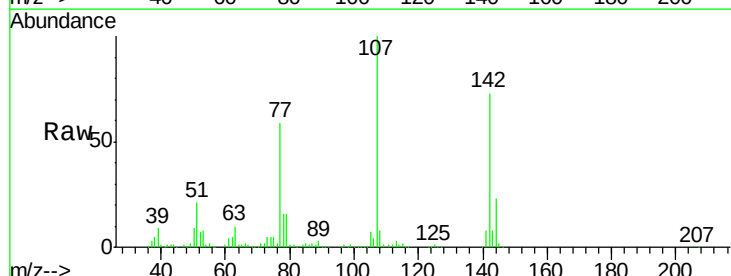
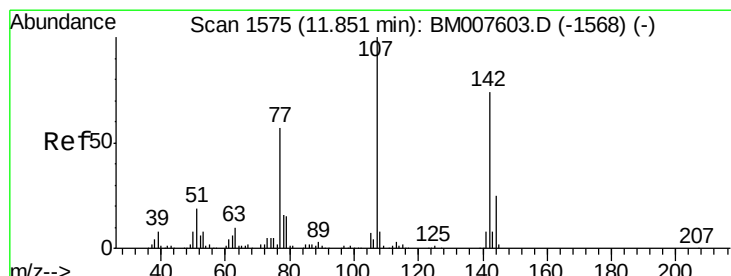
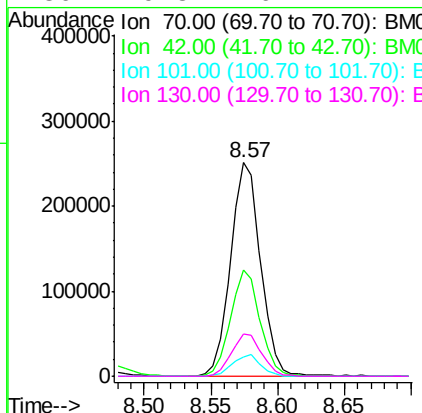
#15
N-Nitroso-di-n-propylamine
Concen: 31.81 ng/ul
RT: 8.57 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM007609.D
Acq: 28 Sep 2016 19:31

Instrument :
BNA_M
ClientSampleId :
A4VM1MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	394151		
42	49.7	43.4	65.2	
101	9.3	7.8	11.6	
130	19.8	16.2	24.4	

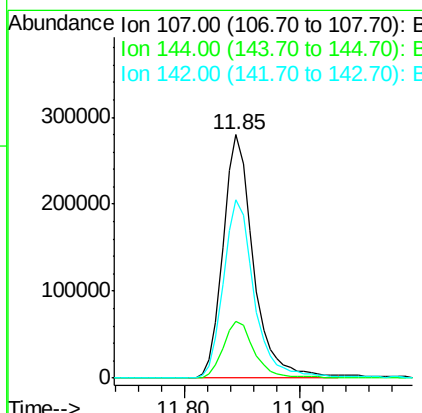
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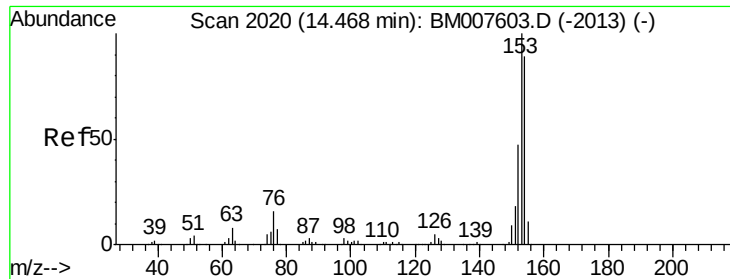
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#33
4-Chloro-3-methylphenol
Concen: 26.18 ng/ul
RT: 11.85 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM007609.D
Acq: 28 Sep 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	512034		
144	23.2	21.1	31.7	
142	73.5	64.1	96.1	





#49

Acenaphthene

Concen: 31.18 ng/ul

RT: 14.47 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM007609.D

Acq: 28 Sep 2016 19:31

Instrument :

BNA_M

ClientSampleId :

A4VM1MS

Tgt Ion:153 Resp: 1447047

Ion Ratio Lower Upper

153 100

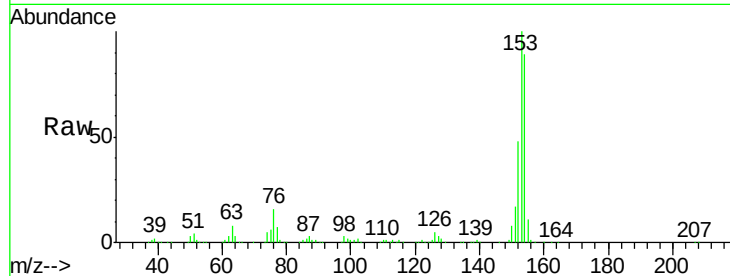
152 47.9 37.8 56.6

154 89.3 71.4 107.0

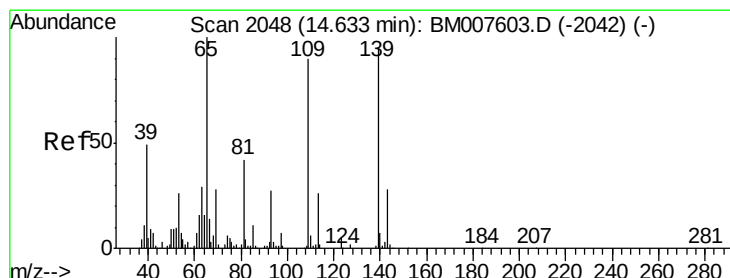
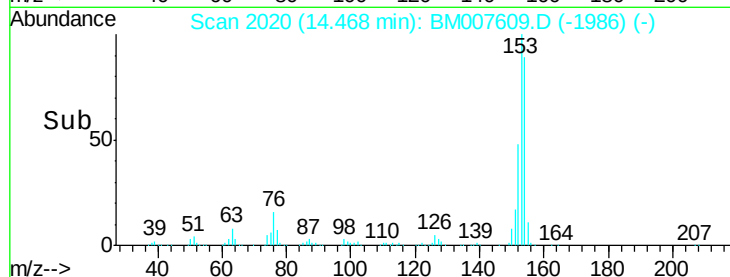
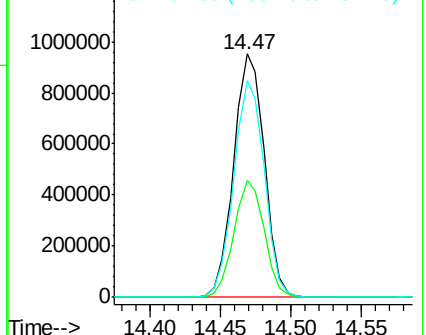
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 5.77 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BM007609.D

Acq: 28 Sep 2016 19:31

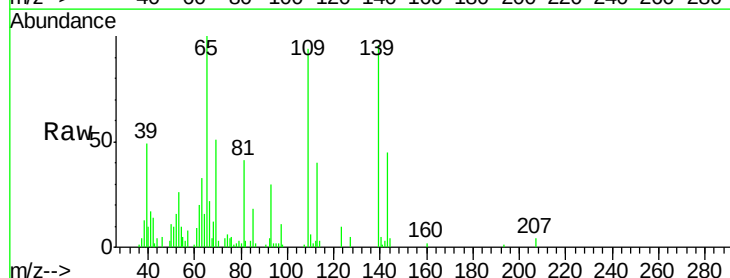
Tgt Ion:109 Resp: 62096

Ion Ratio Lower Upper

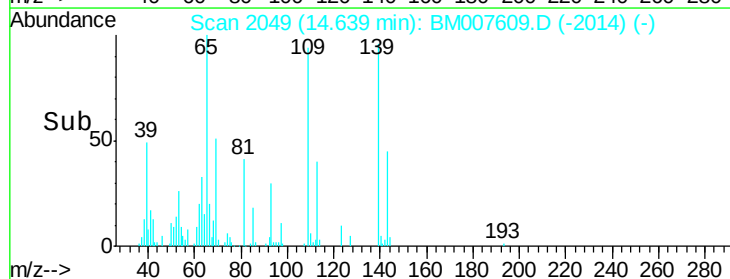
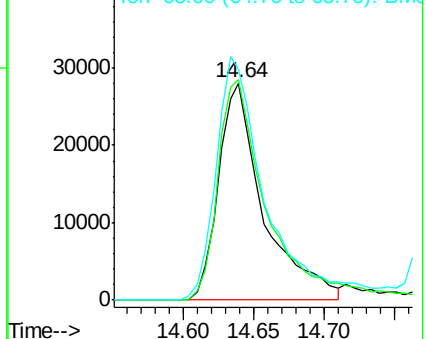
109 100

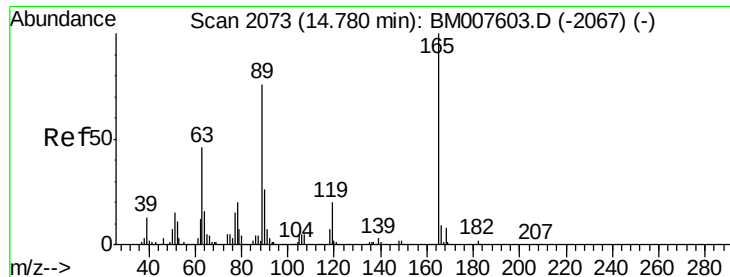
139 101.8 88.7 133.1

65 106.4 96.4 144.6



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





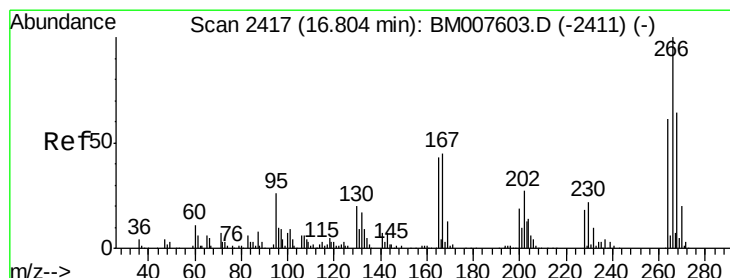
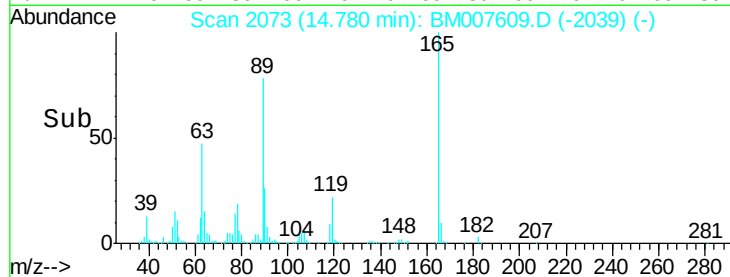
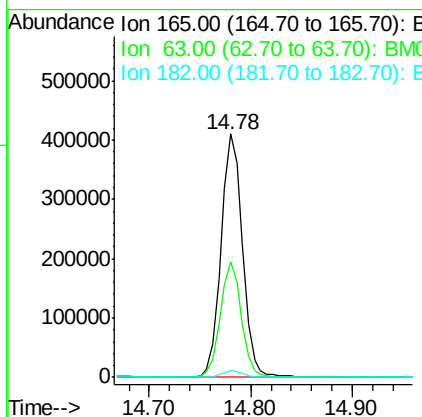
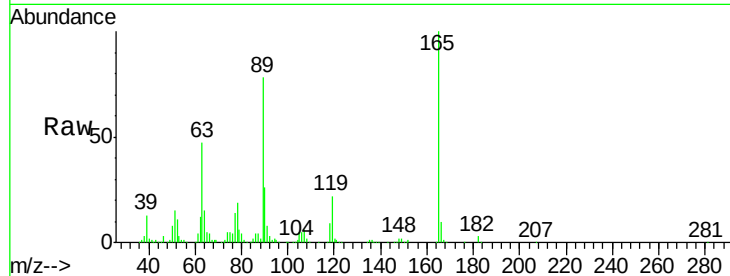
#54
2,4-Dinitrotoluene
Concen: 34.60 ng/ul
RT: 14.78 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BM007609.D
Acq: 28 Sep 2016 19:31

Instrument :
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A4VM1MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	601573		
63	47.5	36.2	54.2	
182	3.0	2.2	3.4	

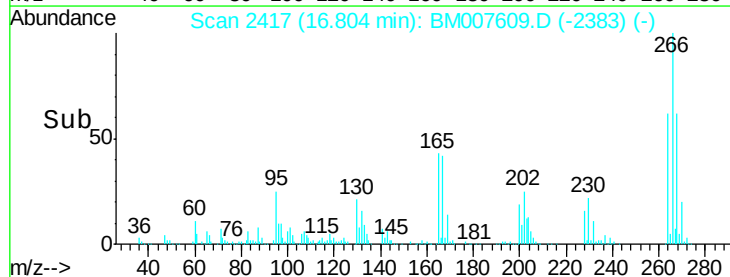
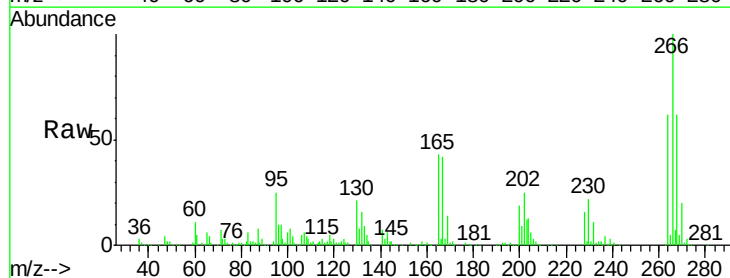
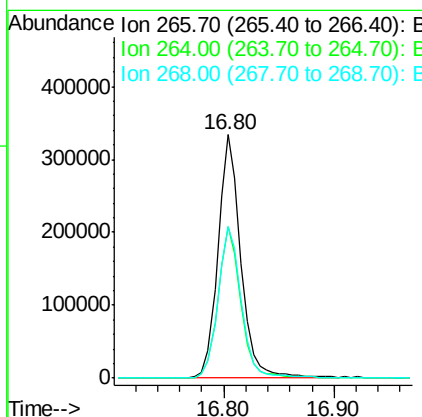
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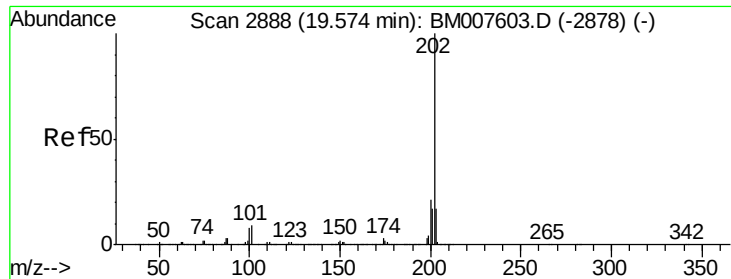
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#68
Pentachlorophenol
Concen: 33.58 ng/ul
RT: 16.80 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM007609.D
Acq: 28 Sep 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	480096		
264	62.2	50.6	75.8	
268	62.3	51.0	76.6	





#77

Pyrene

Concen: 36.86 ng/ul

RT: 19.57 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BM007609.D

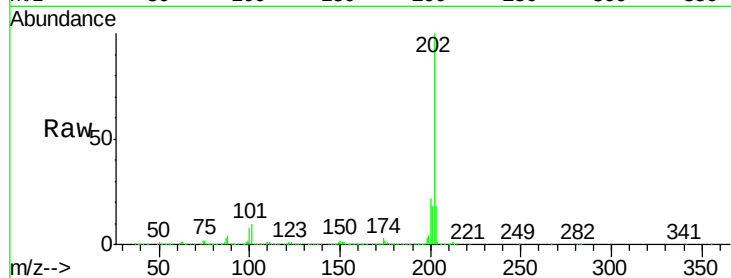
Acq: 28 Sep 2016 19:31

Instrument :

BNA_M

ClientSampleId :

A4VM1MS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4514912		
101	10.0		8.4	12.6
100	8.1		6.9	10.3

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