

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008416.D
 Acq On : 17 Dec 2016 17:47
 Operator : UM/SJ
 Sample : H6067-21MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6MS

Manual Integrations
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Quant Time: Dec 18 04:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 02:31:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	127444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	475742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	290707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	569562	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	710498	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	739990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14653	5.41	ng/uL	0.00
5) Phenol-d5	6.85	99	314150	31.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	196658	34.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	257482	34.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	240766	31.44	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	125114	36.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	132397	34.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	232101	33.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	279076	34.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	708116	36.64	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	868711	38.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	80650m	28.33	ng/ul	0.00
57) Fluorene-d10	15.30	176	604479	35.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	81310	23.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	922709	37.19	ng/ul	0.00
76) Pyrene-d10	19.46	212	1075721	39.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1134147	36.50	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.87	94	356563	34.73	ng/ul	97
10) 2-Chlorophenol	7.23	128	234536	31.22	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	202919	31.54	ng/ul	98
33) 4-Chloro-3-methylphenol	11.75	107	230924	30.33	ng/ul	97
44) Dimethylphthalate	13.77	163	127139	6.71	ng/ul	99
49) Acenaphthene	14.36	153	554187	34.70	ng/ul	99
52) 4-Nitrophenol	14.57	109	76875m	28.15	ng/ul	
54) 2,4-Dinitrotoluene	14.71	165	180251	32.62	ng/ul#	72
68) Pentachlorophenol	16.72	266	113787	29.69	ng/ul	97
77) Pyrene	19.49	202	1295339	37.13	ng/ul	100

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

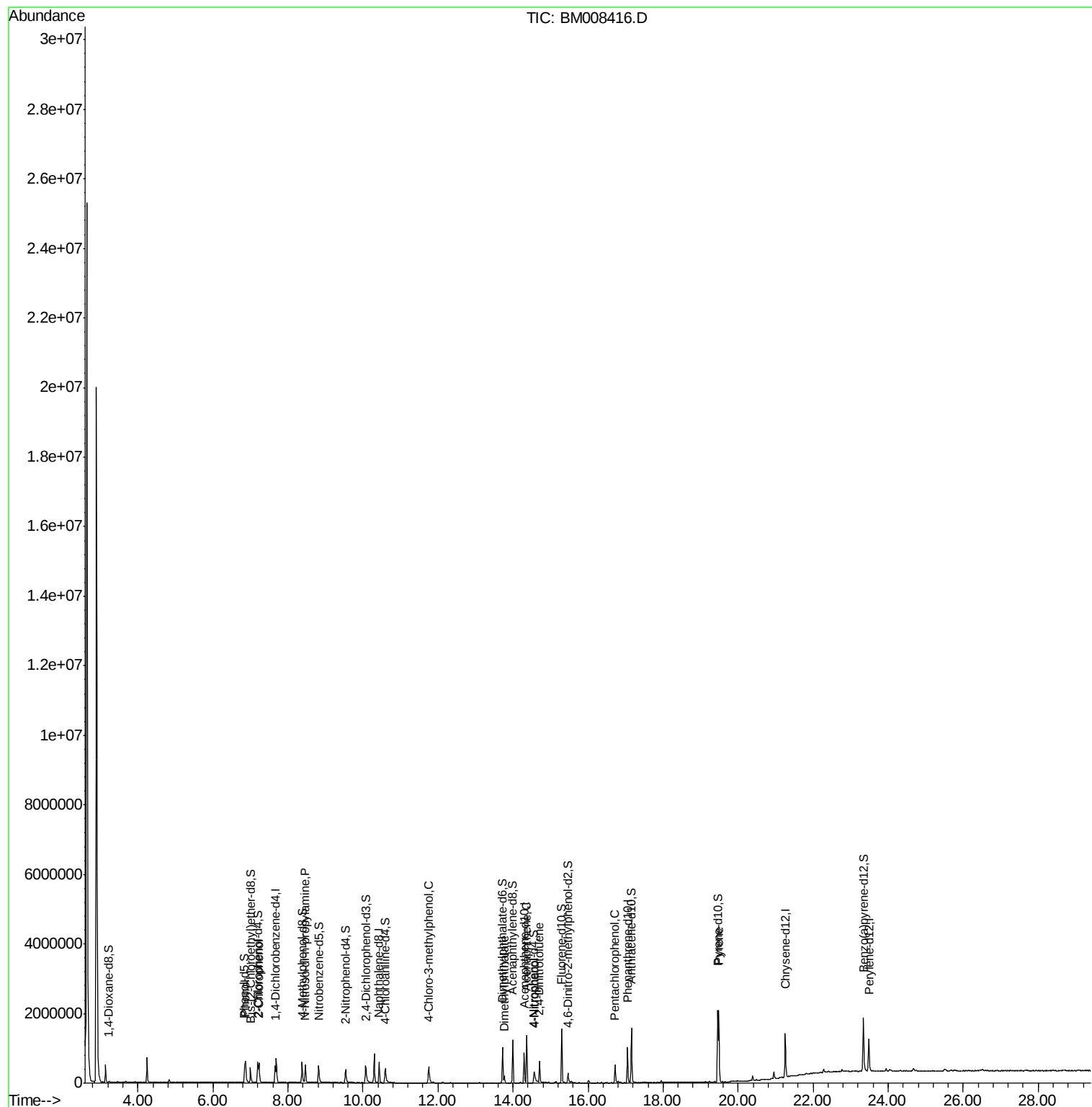
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008416.D
Acq On : 17 Dec 2016 17:47
Operator : UM/SJ
Sample : H6067-21MS
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ALS Vial : 15 Sample Multiplier: 1

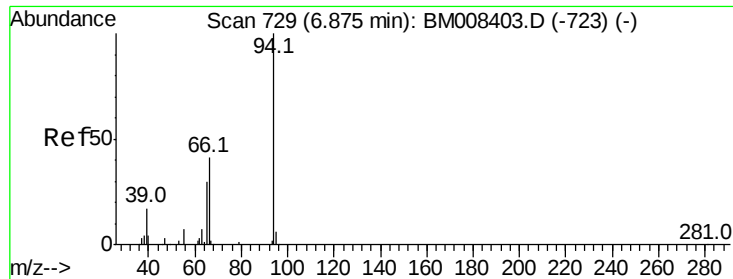
Instrument :
BNA_M
ClientSampleId :
DA7H6MS

Quant Time: Dec 18 04:11:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121816.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 34.73 ng/ul

RT: 6.87 min Scan# 729

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

Instrument :

BNA_M

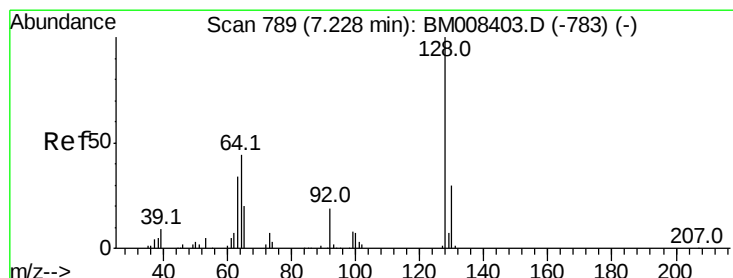
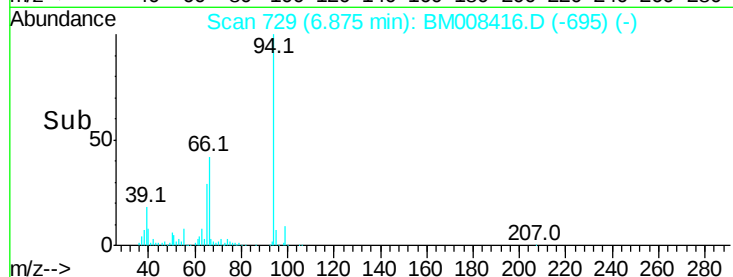
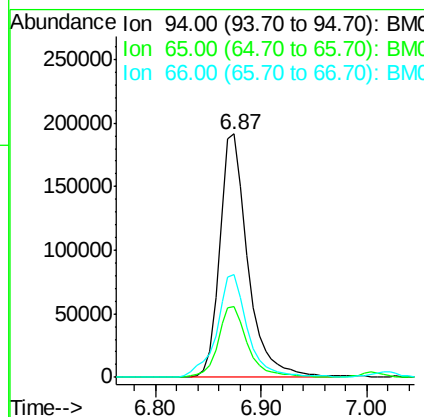
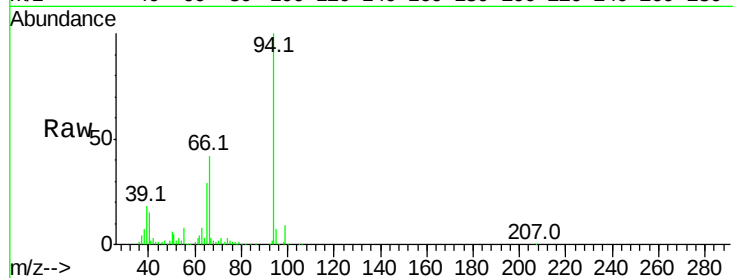
ClientSampleId :

DA7H6MS

Tot Ion:	94	Resp:	356563
Ion Ratio	Lower	Upper	
94	100		
65	29.0	22.6	34.0
66	42.4	35.8	53.8

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#10

2-Chlorophenol

Concen: 31.22 ng/ul

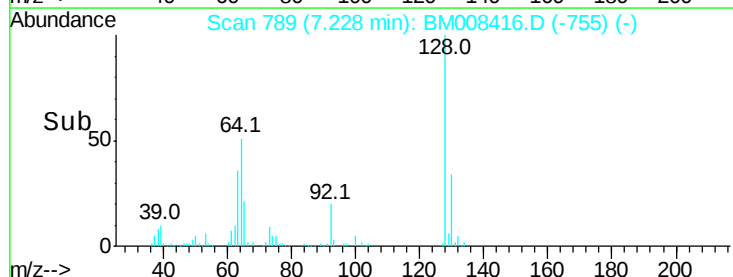
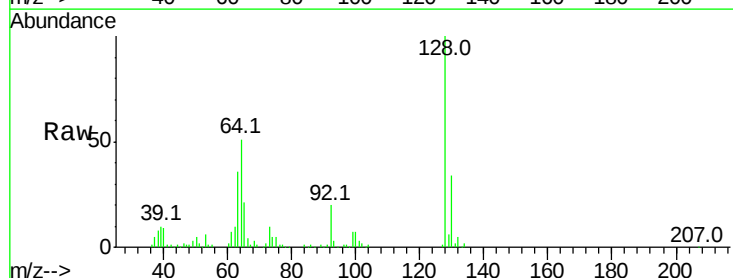
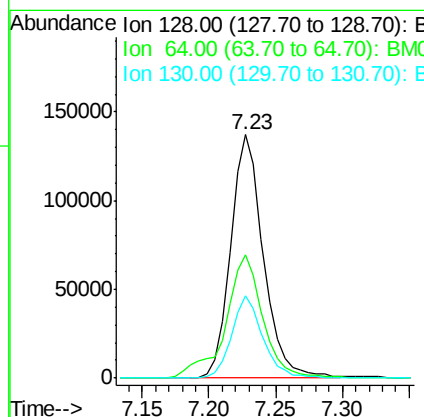
RT: 7.23 min Scan# 789

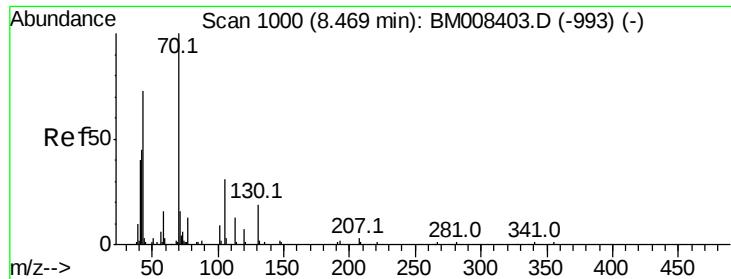
Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

Tgt Ion:	128	Resp:	234536
Ion Ratio	Lower	Upper	
128	100		
64	50.6	40.0	60.0
130	33.7	25.6	38.4





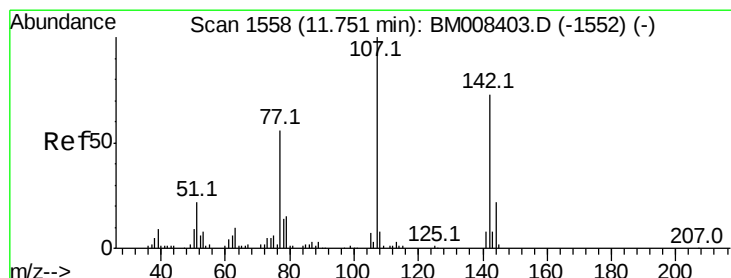
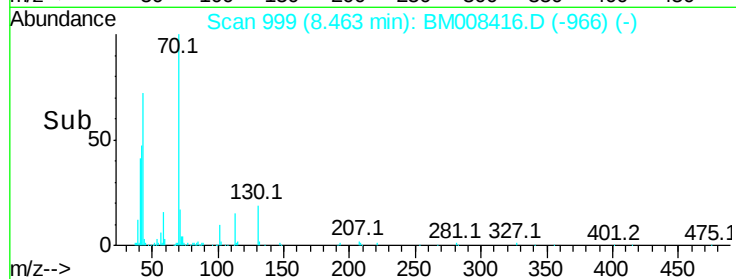
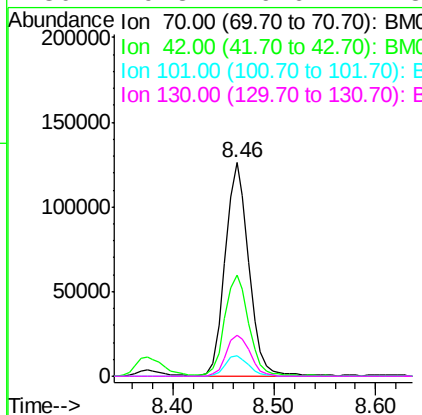
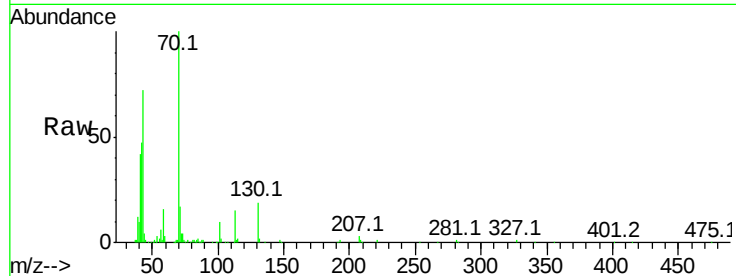
#15
N-Nitroso-di-n-propylamine
Concen: 31.54 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Instrument :
BNA_M
ClientSampleId :
DA7H6MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	38.6	57.8
101	9.7	8.2	12.4
130	19.3	16.6	24.8

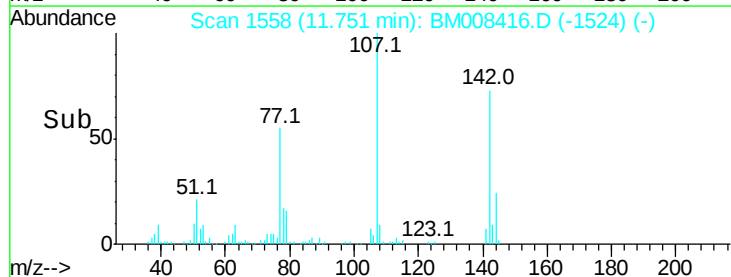
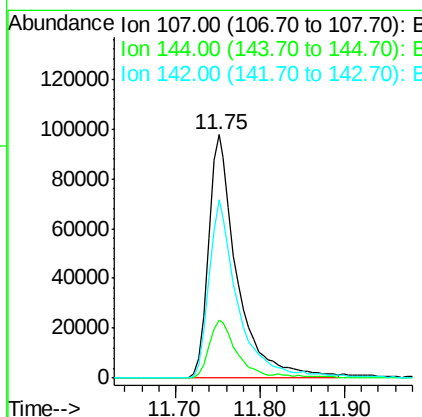
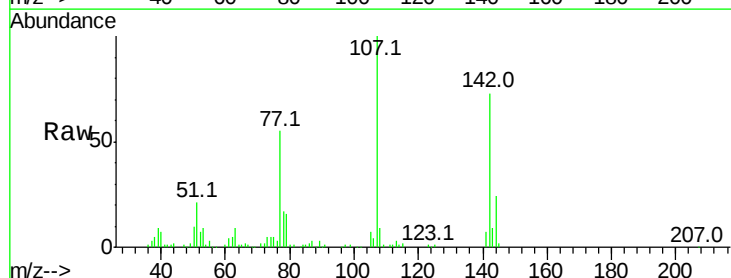
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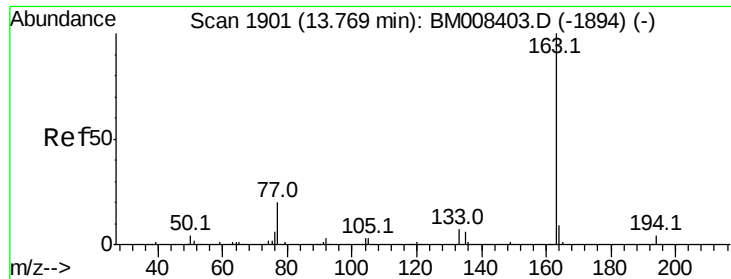
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#33
4-Chloro-3-methylphenol
Concen: 30.33 ng/ul
RT: 11.75 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	17.9	26.9
142	73.3	57.0	85.6





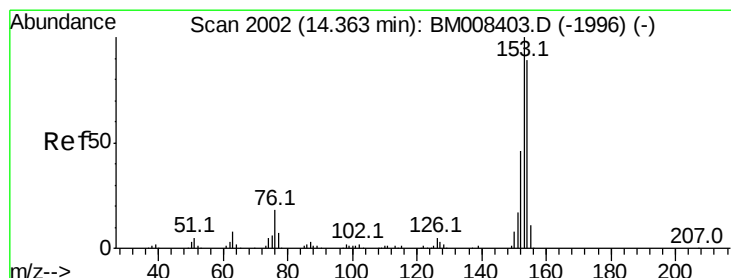
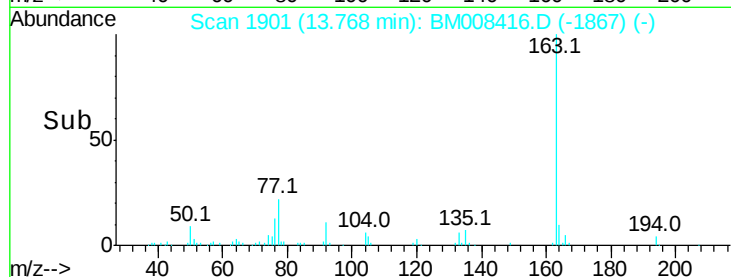
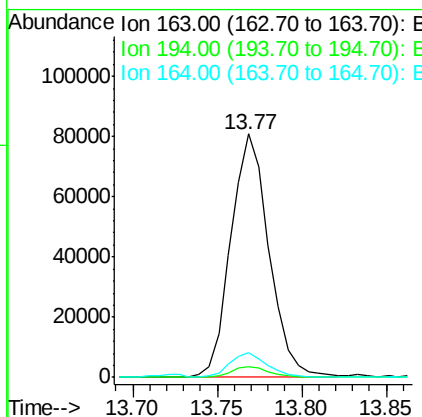
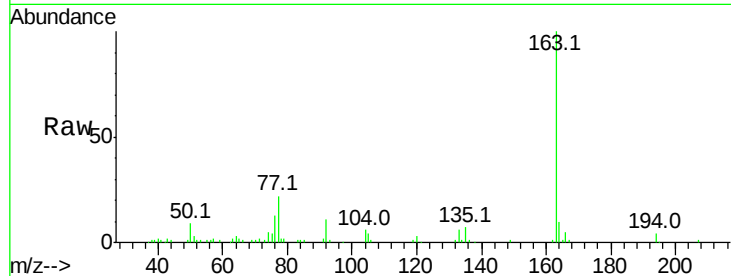
#44
Dimethylphthalate
Concen: 6.71 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Instrument :
BNA_M
ClientSampleId :
DA7H6MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	127139		
194	4.2		3.5	5.3
164	10.0		7.8	11.8

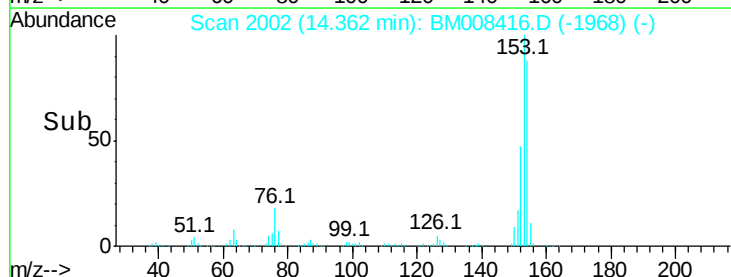
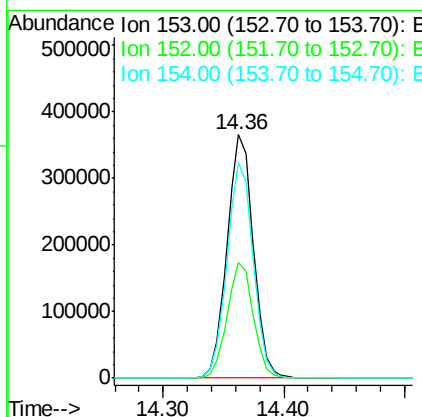
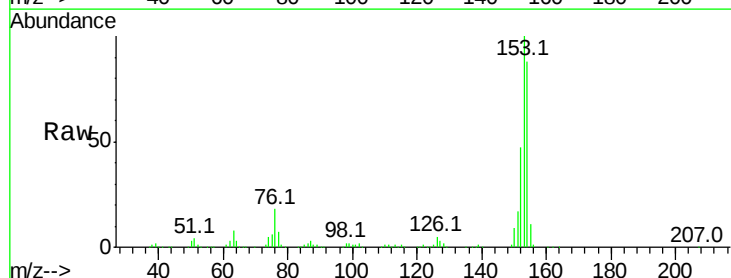
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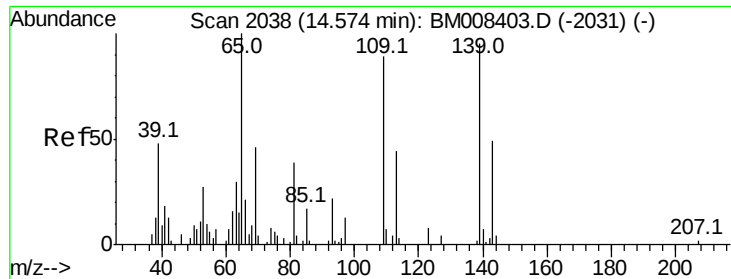
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#49
Acenaphthene
Concen: 34.70 ng/ul
RT: 14.36 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM008416.D
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Tgt Ion	Ratio	Resp	Lower	Upper
153	100	554187		
152	47.2		36.6	54.8
154	88.4		71.4	107.2





#52

4-Nitrophenol

Concen: 28.15 ng/ul m

RT: 14.57 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

Instrument :

BNA_M

ClientSampleId :

DA7H6MS

Tot Ion:109 Resp: 76875

Ion Ratio Lower Upper

109 100

139 100.7 83.3 124.9

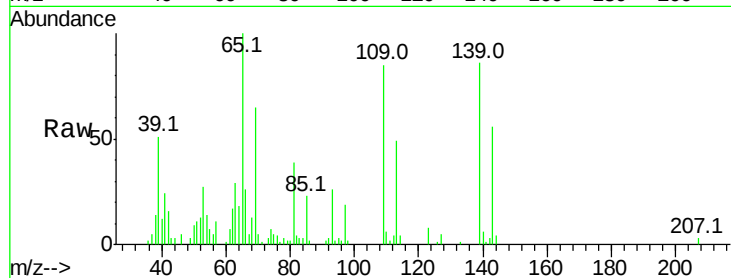
65 117.1 93.0 139.4

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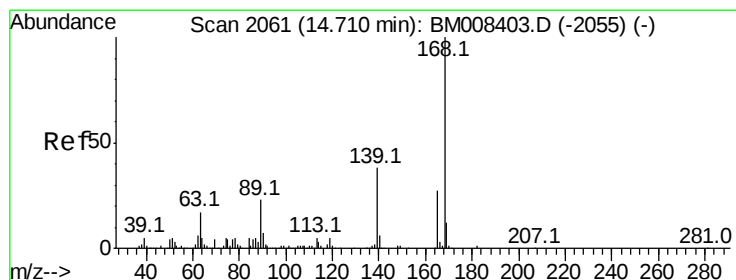
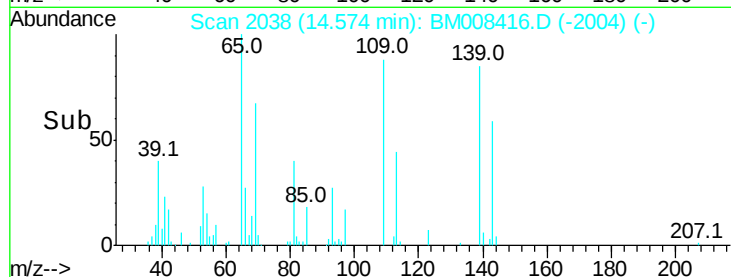
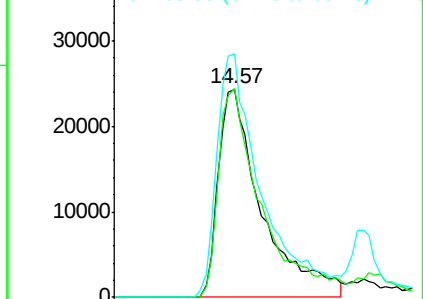
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

2,4-Dinitrotoluene

Concen: 32.62 ng/ul

RT: 14.71 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

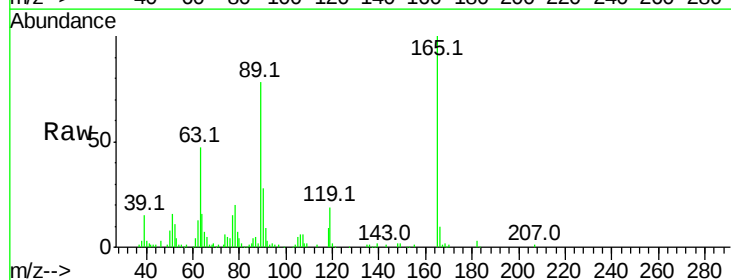
Tgt Ion:165 Resp: 180251

Ion Ratio Lower Upper

165 100

63 46.7 56.8 85.2#

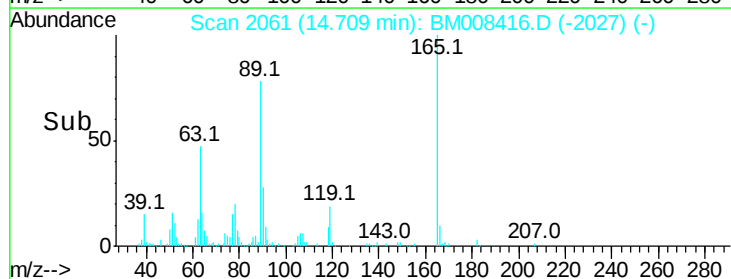
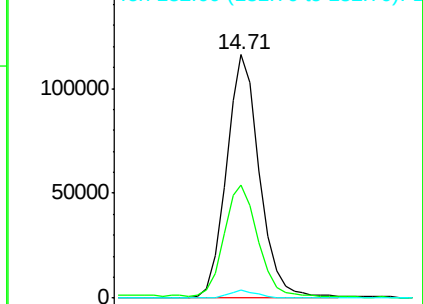
182 3.4 2.3 3.5

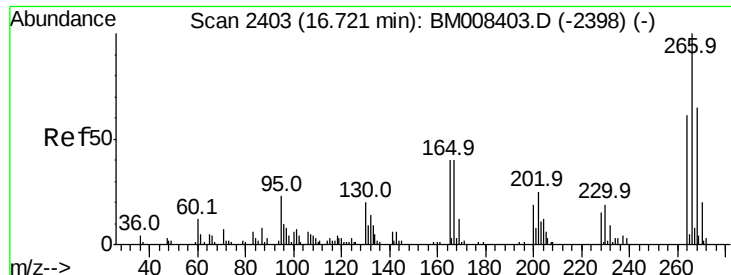


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





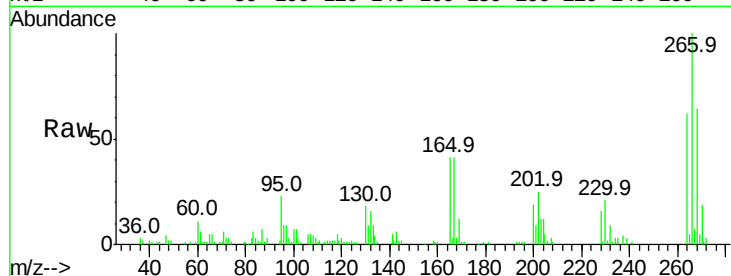
#68
 Pentachlorophenol
 Concen: 29.69 ng/ul
 RT: 16.72 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BM008416.D
 Acq: 17 Dec 2016 17:47

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6MS

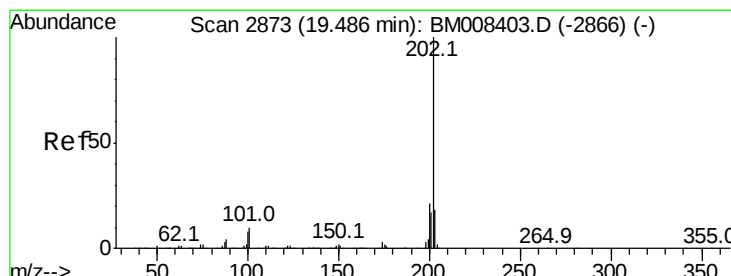
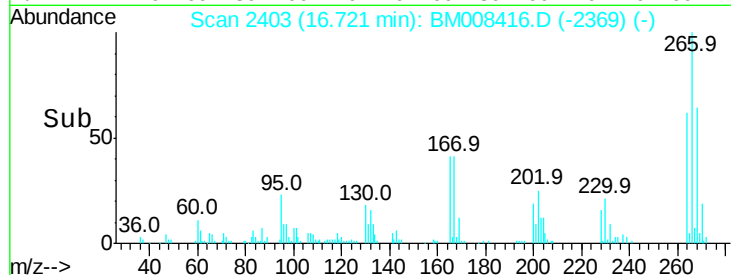
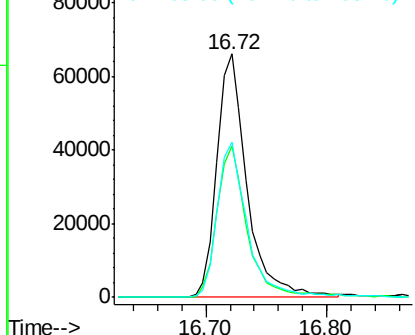
Tot Ion	Ratio	Resp	Lower	Upper
266	100	113787		
264	62.1	47.9	71.9	
268	63.8	49.0	73.6	

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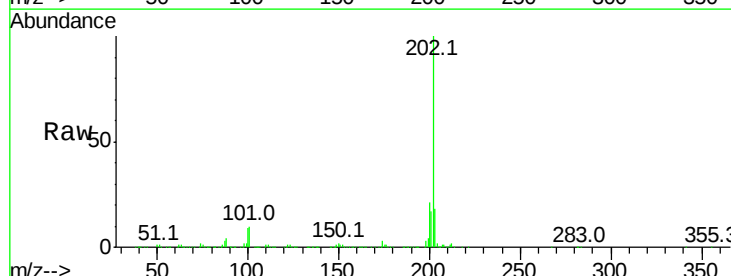


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 37.13 ng/ul
 RT: 19.49 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BM008416.D
 Acq: 17 Dec 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1295339		
101	10.0	8.2	12.4	
100	8.8	7.0	10.6	



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

