

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005460.D
 Acq On : 14 May 2016 11:12
 Operator : UM/SJ
 Sample : H2834-15MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 H4061MSD

Manual Integrations
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Quant Time: May 16 04:17:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	51562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	238097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	150598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	383066	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	473564	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	401608	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	4317	3.94	ng/uL	0.00
5) Phenol-d5	6.93	99	103897	22.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	60651	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	81400	23.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	87220	22.56	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	41853	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	48316	25.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	85950	24.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	57087	13.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	315991	26.18	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	356861	25.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	39394m	17.88	ng/ul	0.00
57) Fluorene-d10	15.39	176	261046	25.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	32721	15.18	ng/ul	0.00
70) Anthracene-d10	17.24	188	428673	25.32	ng/ul	0.00
76) Pyrene-d10	19.54	212	531506	24.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	452484	25.45	ng/ul	0.01

Target Compounds

						Qvalue
4) Benzaldehyde	6.91	77	4187	1.85	ng/ul#	83
6) Phenol	6.96	94	109781	22.71	ng/ul	99
10) 2-Chlorophenol	7.32	128	81446	22.54	ng/ul	97
14) Acetophenone	8.57	105	7587	1.32	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	78401	26.20	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	110585	25.18	ng/ul	99
44) Dimethylphthalate	13.84	163	95220	7.89	ng/ul	99
49) Acenaphthene	14.46	153	245941	24.91	ng/ul	99
52) 4-Nitrophenol	14.64	109	38524m	21.03	ng/ul	
54) 2,4-Dinitrotoluene	14.77	165	94898	26.75	ng/ul	100
68) Pentachlorophenol	16.80	266	53059	23.18	ng/ul	93
77) Pyrene	19.57	202	677389	24.66	ng/ul	97

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

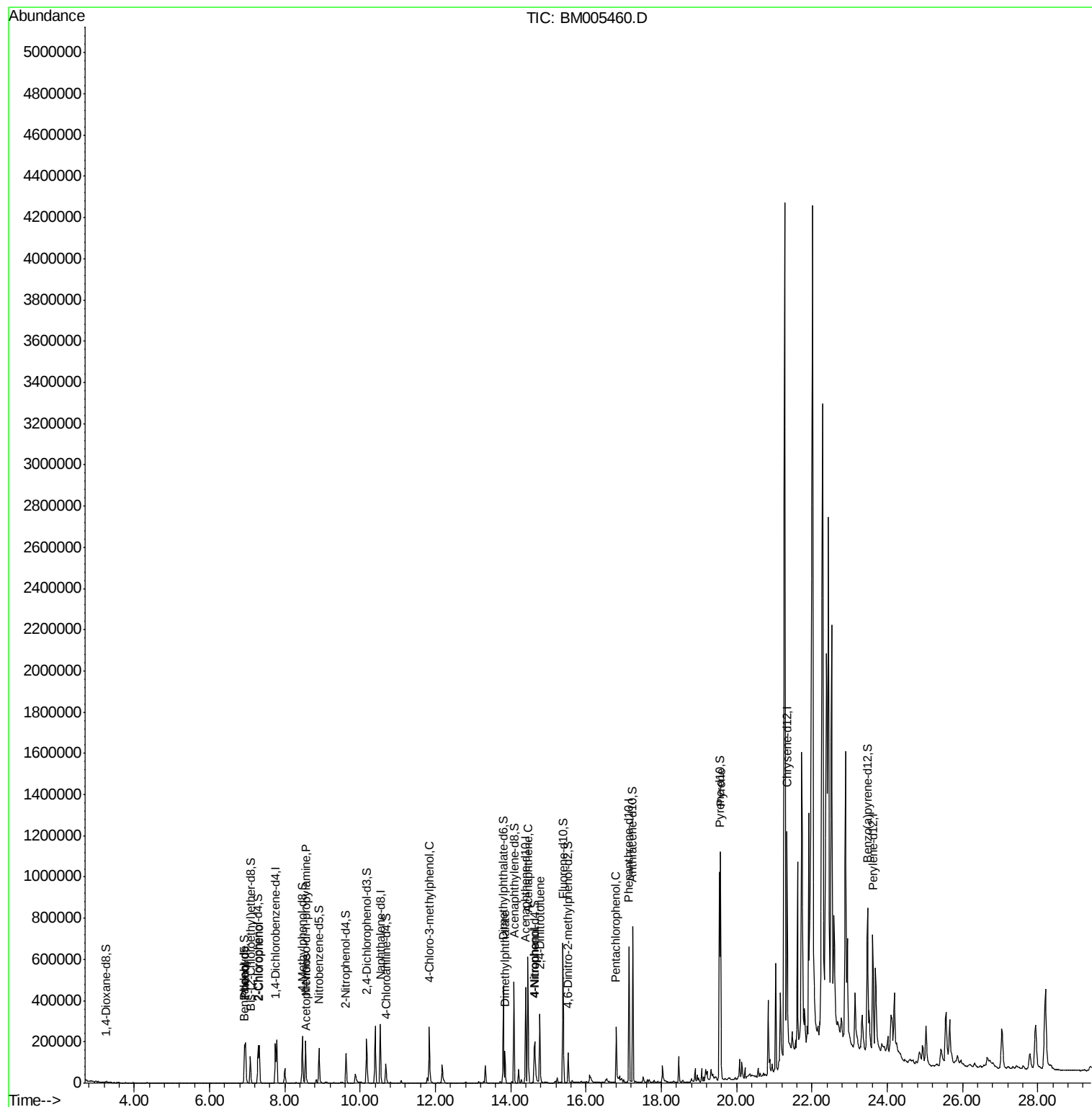
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005460.D
Acq On : 14 May 2016 11:12
Operator : UM/SJ
Sample : H2834-15MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

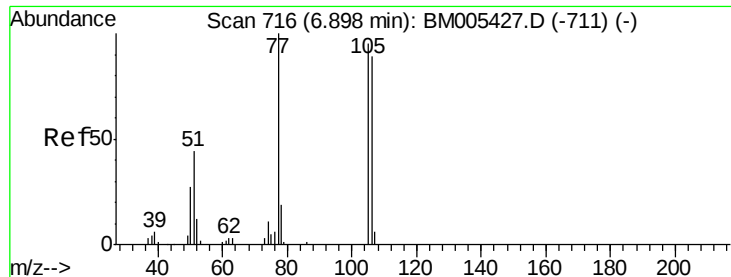
Instrument :
BNA_M
ClientSampleId :
H4061MSD

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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.85 ng/ul

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Instrument :

BNA_M

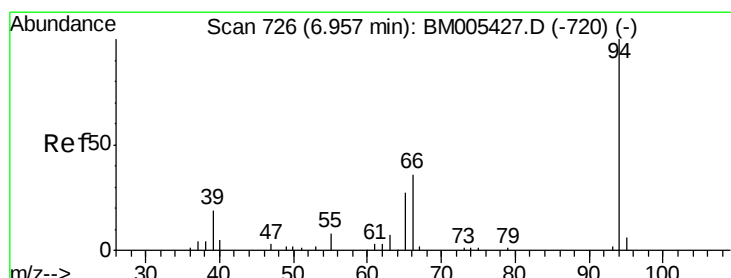
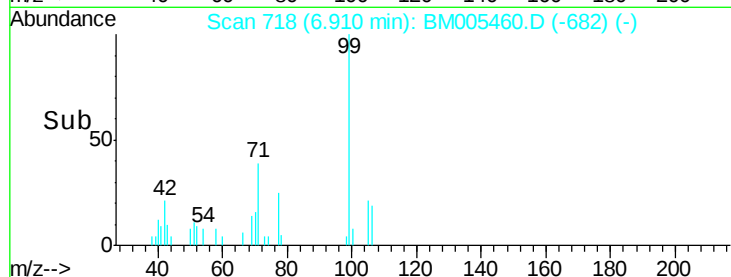
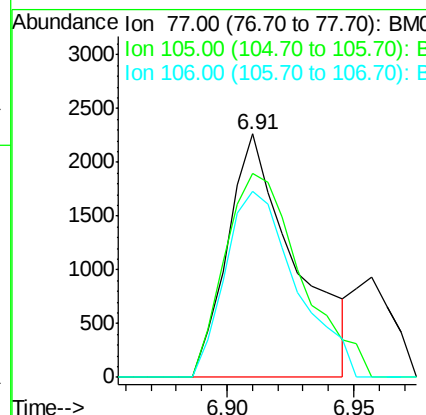
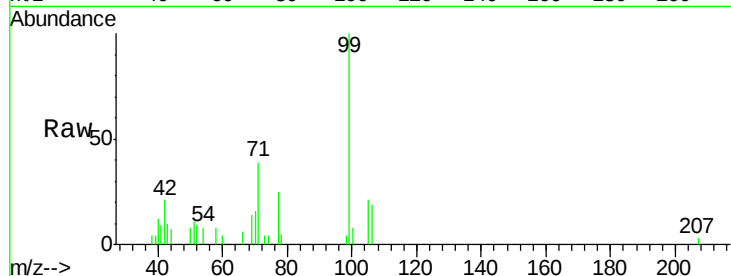
ClientSampleId :

H4061MSD

Tgt Ion:	77	Resp:	4187
Ion Ratio	Lower	Upper	
77	100		
105	83.8	77.6	116.4
106	76.3	77.9	116.9#

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#6

Phenol

Concen: 22.71 ng/ul

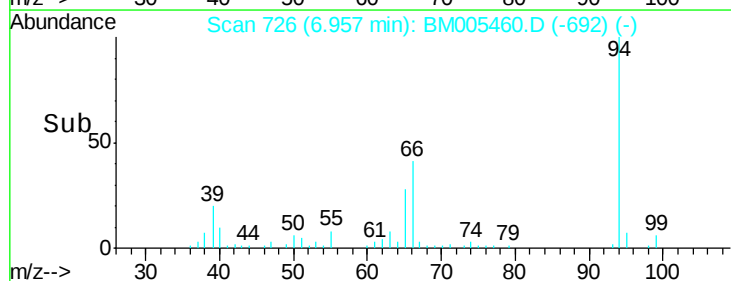
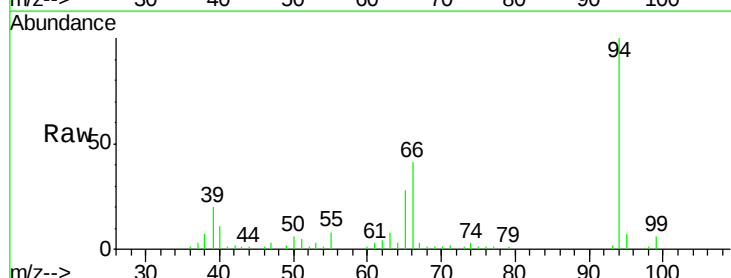
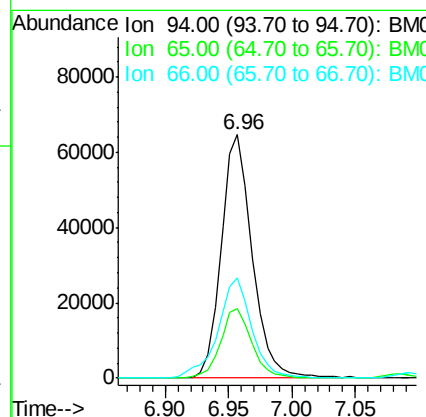
RT: 6.96 min Scan# 726

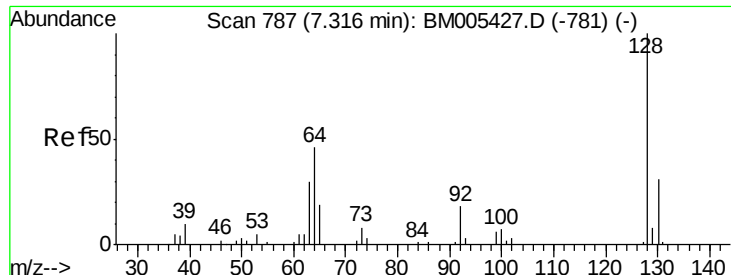
Delta R.T. -0.00 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Tgt Ion:	94	Resp:	109781
Ion Ratio	Lower	Upper	
94	100		
65	28.3	22.7	34.1
66	41.0	31.7	47.5





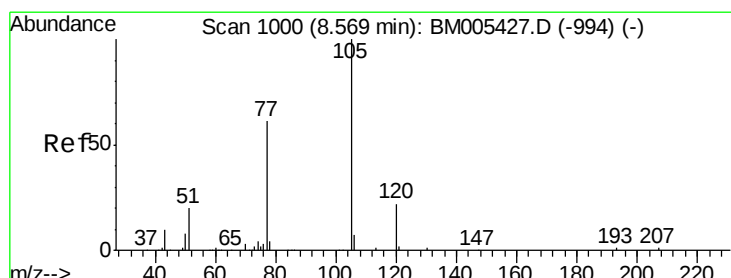
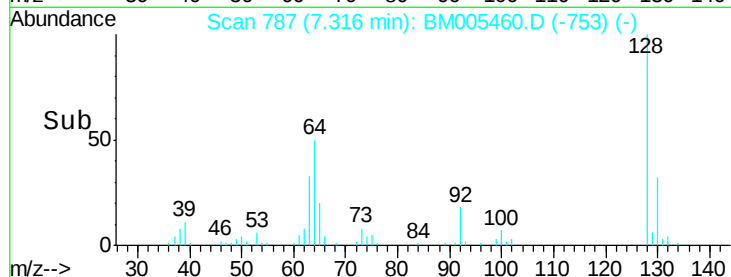
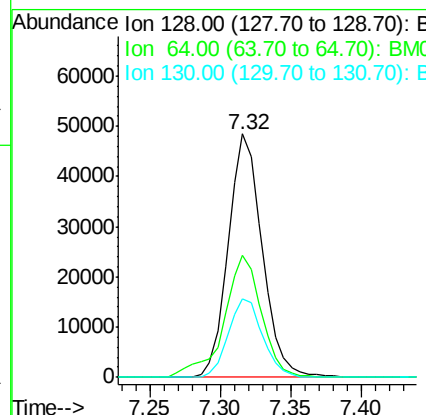
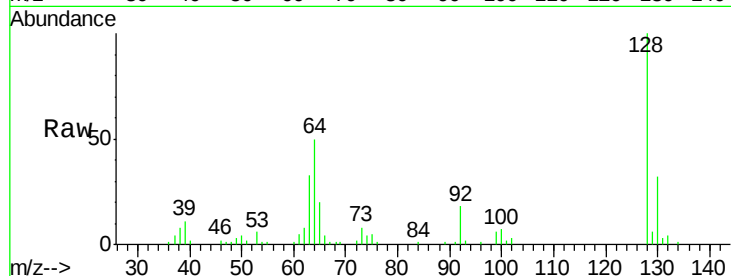
#10
2-Chlorophenol
Concen: 22.54 ng/ul
RT: 7.32 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM005460.D
Acq: 14 May 2016 11:12

Instrument :
BNA_M
ClientSampleId :
H4061MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	81446		
64	50.2	37.8	56.8	
130	32.2	24.9	37.3	

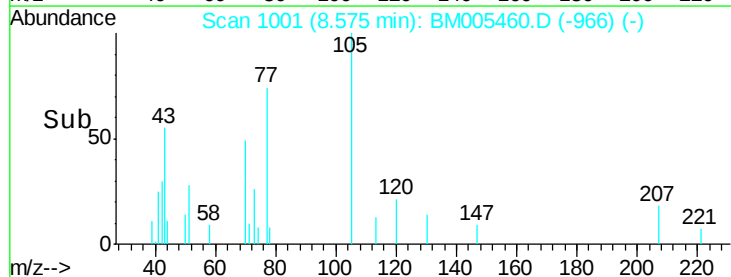
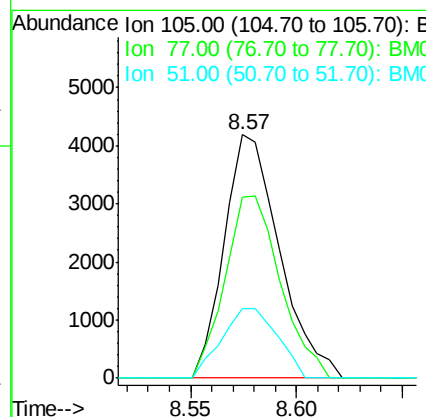
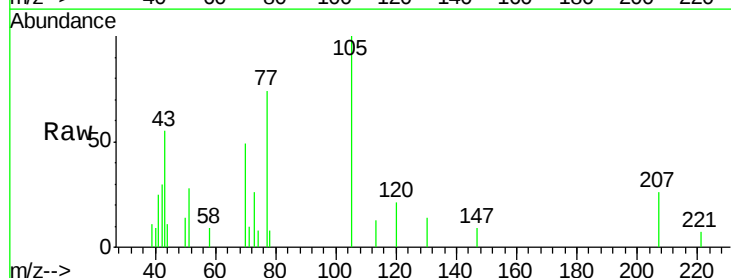
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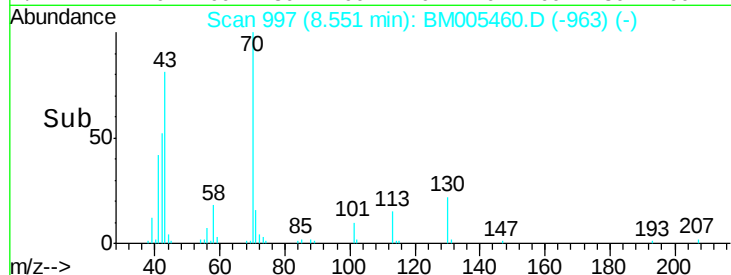
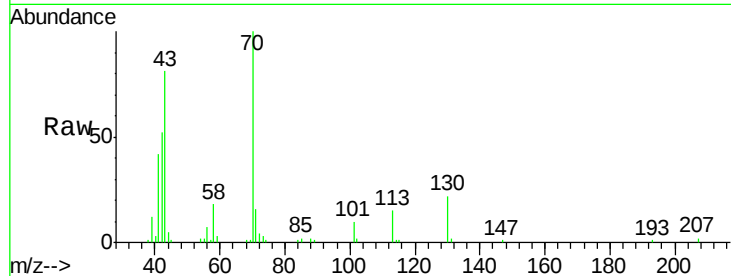
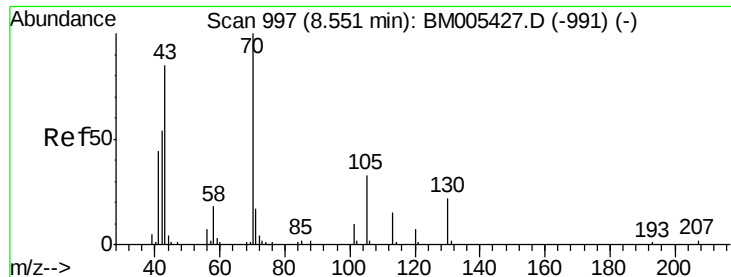
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#14
Acetophenone
Concen: 1.32 ng/ul
RT: 8.57 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM005460.D
Acq: 14 May 2016 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	7587		
77	74.2	61.2	91.8	
51	28.4	21.2	31.8	





#15

N-Nitroso-di-n-propylamine

Concen: 26.20 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Instrument :

BNA_M

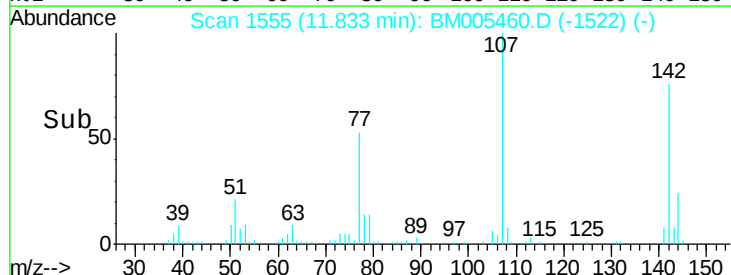
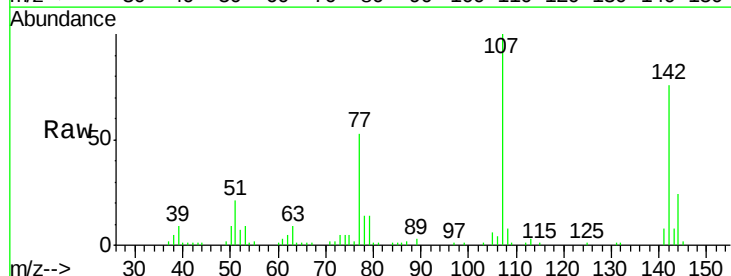
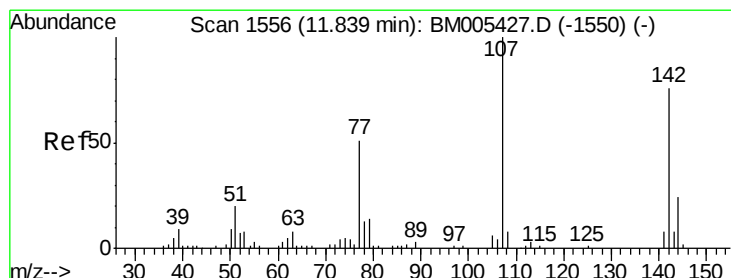
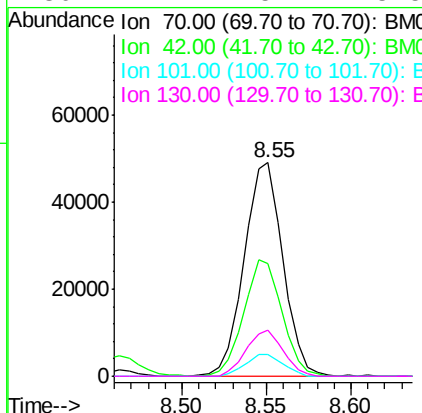
ClientSampleId :

H4061MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.8	64.2
101	10.5	7.8	11.6
130	21.7	15.7	23.5

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#33

4-Chloro-3-methylphenol

Concen: 25.18 ng/ul

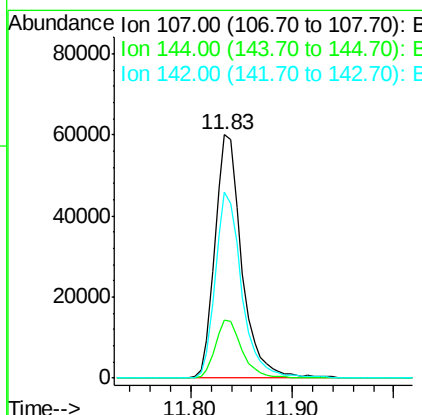
RT: 11.83 min Scan# 1556

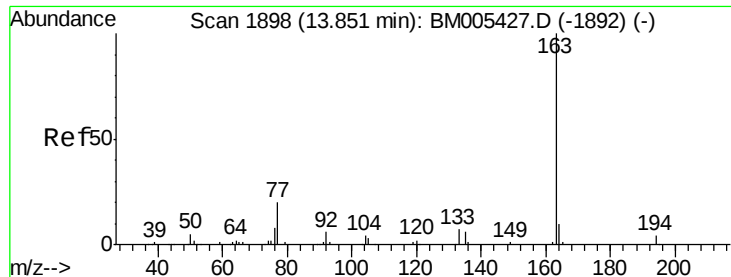
Delta R.T. -0.01 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	76.5	60.8	91.2





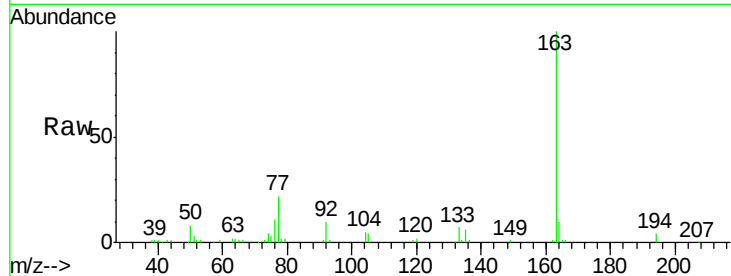
#44
Dimethylphthalate
Concen: 7.89 ng/ul
RT: 13.84 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM005460.D
Acq: 14 May 2016 11:12

Instrument :
BNA_M
ClientSampleId :
H4061MSD

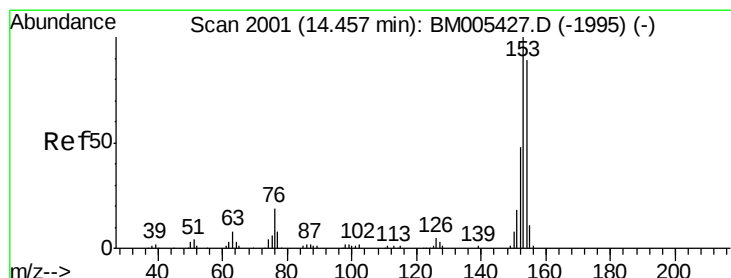
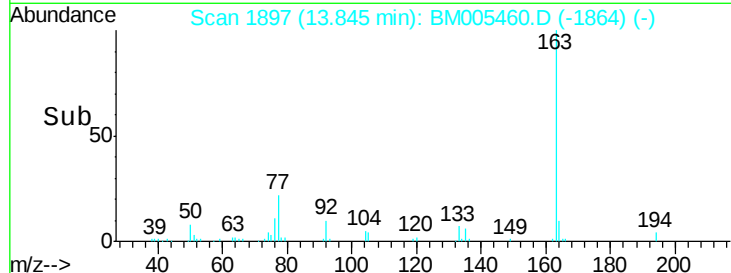
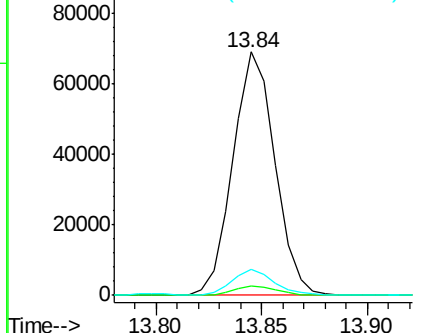
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	95220		
194	4.0		3.4	5.0
164	10.5		7.9	11.9

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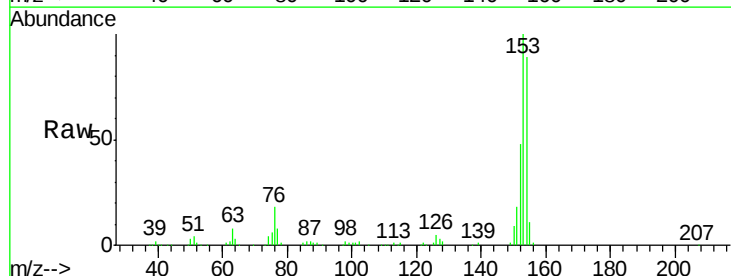


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

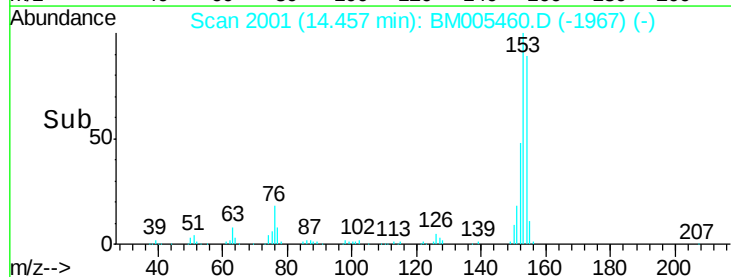
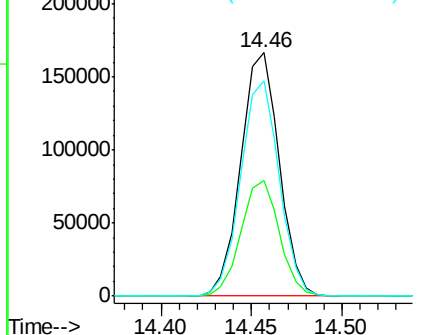


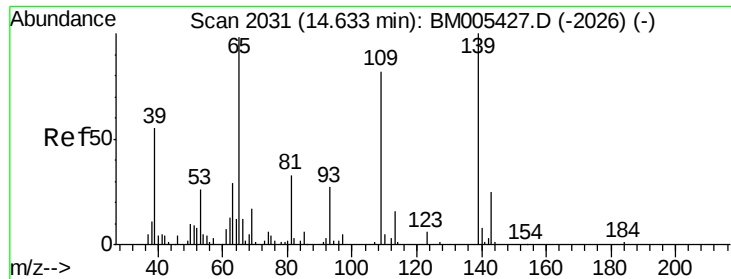
#49
Acenaphthene
Concen: 24.91 ng/ul
RT: 14.46 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BM005460.D
Acq: 14 May 2016 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	245941		
152	47.5		38.9	58.3
154	88.6		70.3	105.5



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: 21.03 ng/ul m

RT: 14.64 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Instrument :

BNA_M

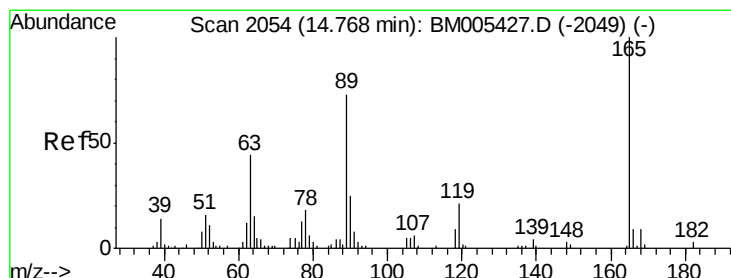
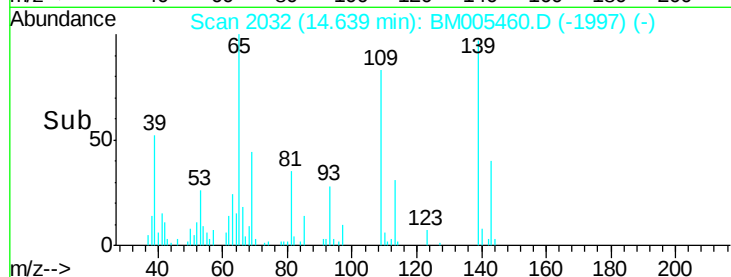
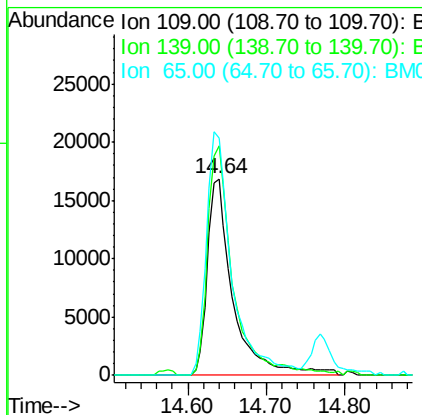
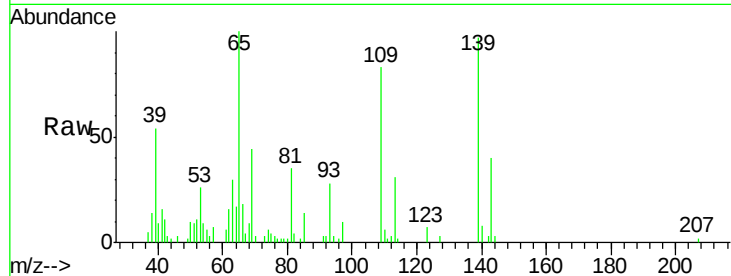
ClientSampled :

H4061MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	38524		
139	116.4	103.6	155.4	
65	120.5	104.7	157.1	

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#54

2,4-Dinitrotoluene

Concen: 26.75 ng/ul

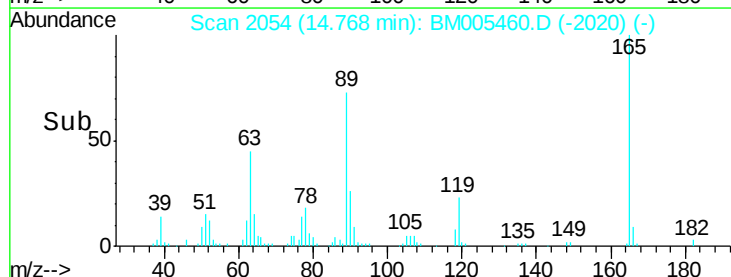
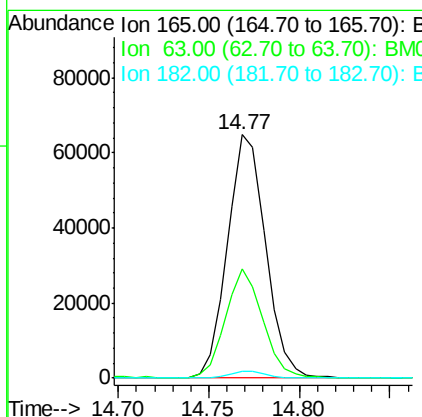
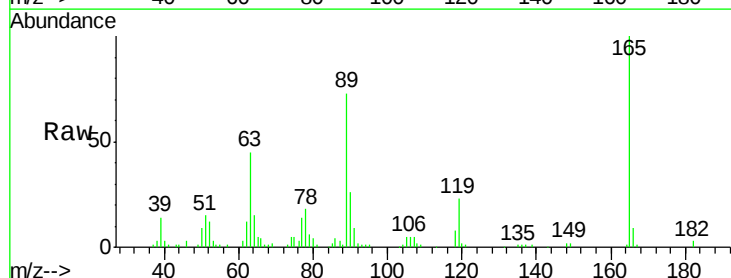
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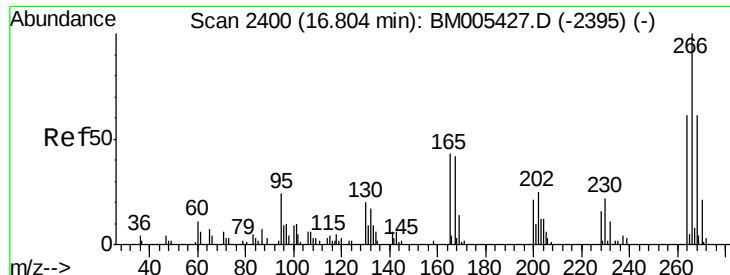
Delta R.T. -0.00 min

Lab File: BM005460.D

Acq: 14 May 2016 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94898		
63	45.0	36.2	54.4	
182	2.9	2.5	3.7	





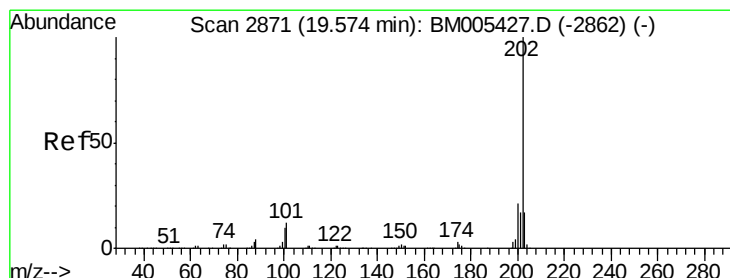
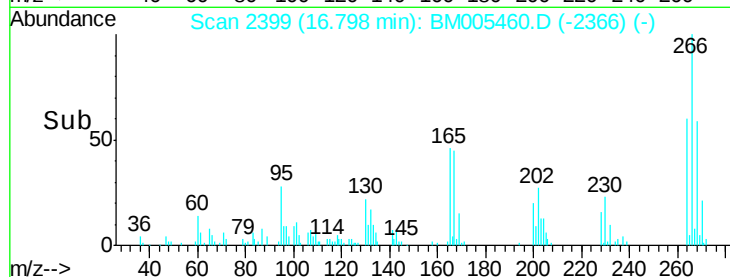
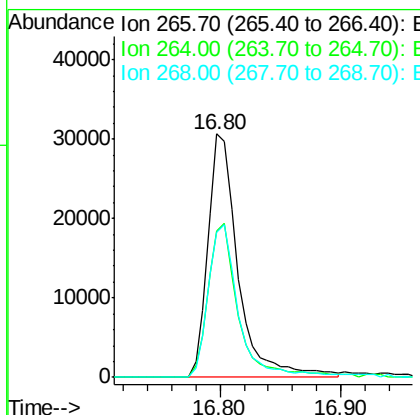
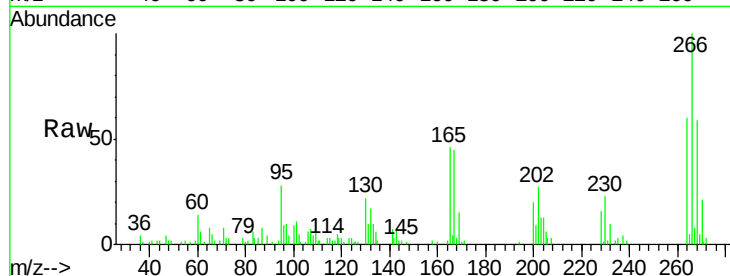
#68
 Pentachlorophenol
 Concen: 23.18 ng/ul
 RT: 16.80 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM005460.D
 Acq: 14 May 2016 11:12

Instrument :
 BNA_M
 ClientSampleId :
 H4061MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	53059		
264	60.3	52.0	78.0	
268	59.4	53.0	79.6	

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#77
 Pyrene
 Concen: 24.66 ng/ul
 RT: 19.57 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BM005460.D
 Acq: 14 May 2016 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	677389		
101	12.0	10.8	16.2	
100	9.9	8.4	12.6	

