

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008303.D
 Acq On : 14 Dec 2016 10:12
 Operator : UM/SJ
 Sample : H5976-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P0MSD

Manual Integrations
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Quant Time: Dec 14 11:09:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 05:32:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	145860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	580112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	387016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	828908	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1097450	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1121476	20.00	ng/ul	0.00

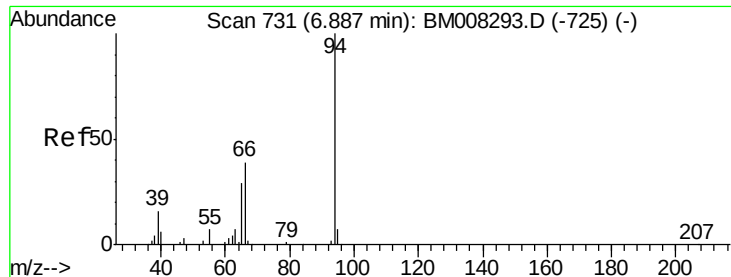
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2818	0.91	ng/uL	0.00
5) Phenol-d5	6.87	99	54197	4.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	150800	23.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	160830	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	101047	11.53	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	102804	24.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	112121	24.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	192270	22.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	23624m	2.42	ng/ul	0.04
43) Dimethylphthalate-d6	13.73	166	755427	29.36	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	812637	26.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	21756	5.74	ng/ul	0.02
57) Fluorene-d10	15.31	176	629360	28.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	134790	27.32	ng/ul	0.00
70) Anthracene-d10	17.16	188	1158662	32.09	ng/ul	0.00
76) Pyrene-d10	19.46	212	1482074	34.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1601204	34.00	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.89	94	58165	4.95	ng/ul	99
10) 2-Chlorophenol	7.25	128	163845	19.05	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	181853	24.70	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	210117	22.63	ng/ul	97
49) Acenaphthene	14.37	153	1031933	48.53	ng/ul	98
52) 4-Nitrophenol	14.59	109	20461	5.63	ng/ul	95
54) 2,4-Dinitrotoluene	14.72	165	222093	30.19	ng/ul#	73
58) Fluorene	15.37	166	211640	8.31	ng/ul#	96
68) Pentachlorophenol	16.73	266	189531	33.98	ng/ul	98
77) Pyrene	19.50	202	1838572	34.12	ng/ul	99

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



#6

Phenol

Concen: 4.95 ng/ul

RT: 6.89 min Scan# 732

Delta R.T. 0.01 min

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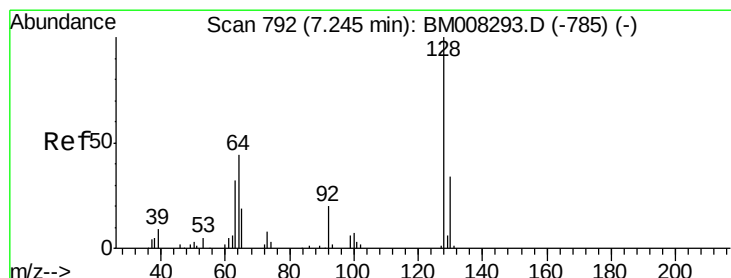
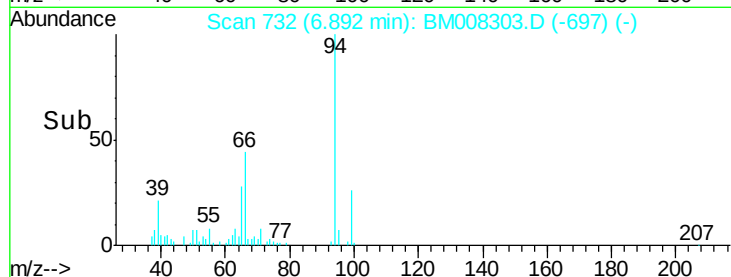
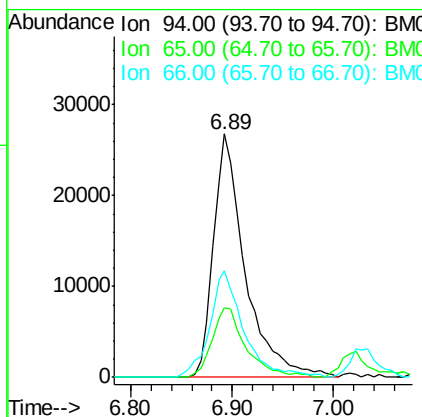
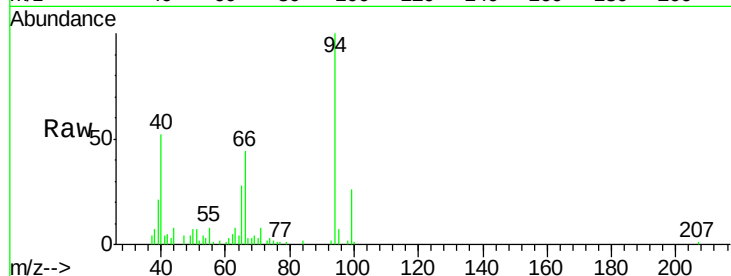
ClientSampleId :

DA8P0MSD

Tgt Ion:	94	Resp:	58165
Ion Ratio	Lower	Upper	
94	100		
65	28.3	22.6	34.0
66	43.8	35.8	53.8

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#10

2-Chlorophenol

Concen: 19.05 ng/ul

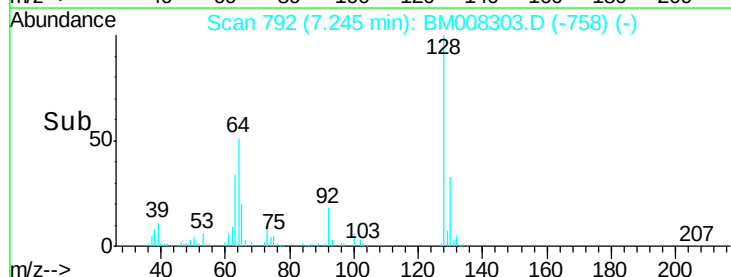
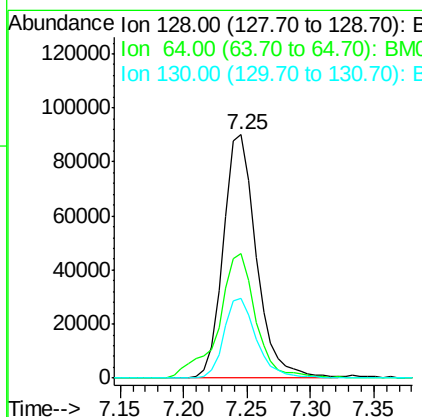
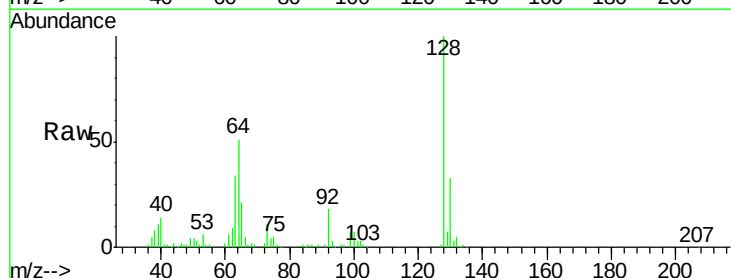
RT: 7.25 min Scan# 792

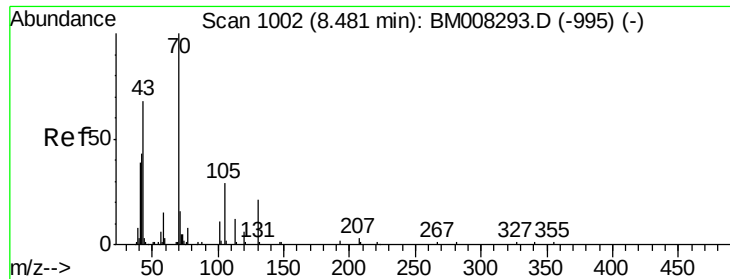
Delta R.T. -0.00 min

Lab File: BM008303.D

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Tgt Ion:	128	Resp:	163845
Ion Ratio	Lower	Upper	
128	100		
64	51.0	40.0	60.0
130	32.5	25.6	38.4





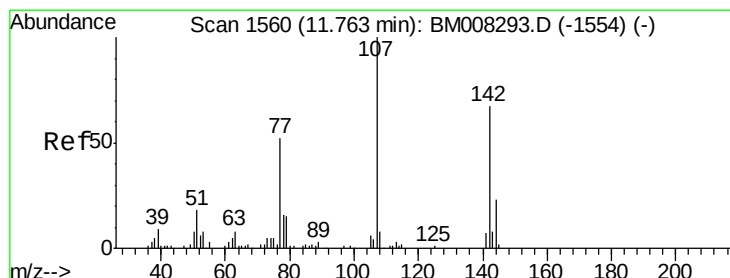
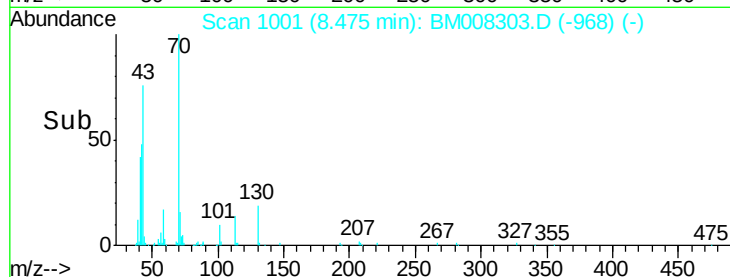
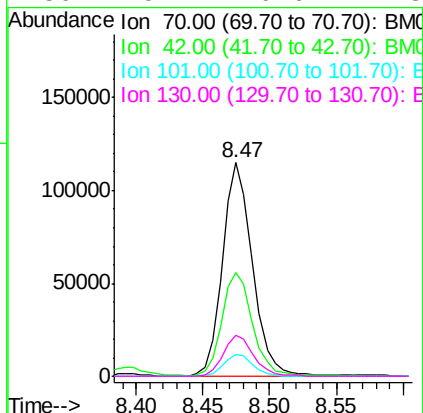
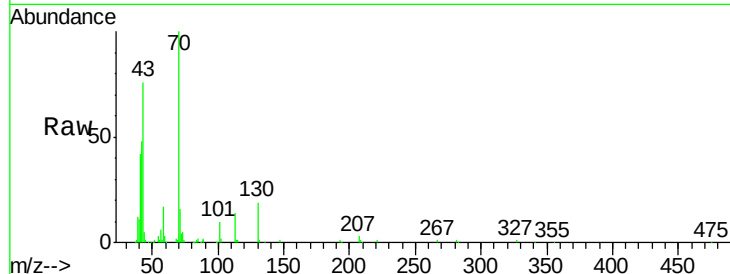
#15
N-Nitroso-di-n-propylamine
Concen: 24.70 ng/ul
RT: 8.47 min Scan# 1001
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.3	38.6	57.8
101	10.2	8.2	12.4
130	19.1	16.6	24.8

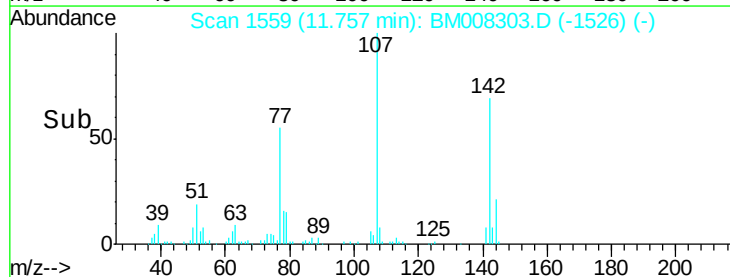
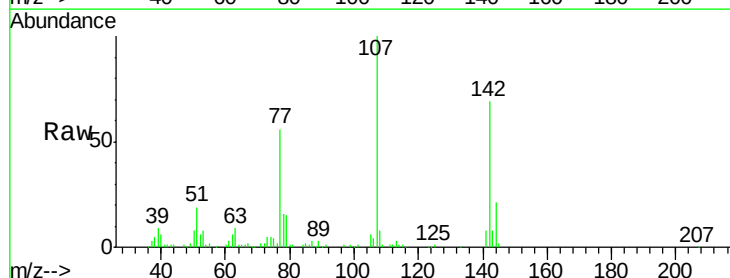
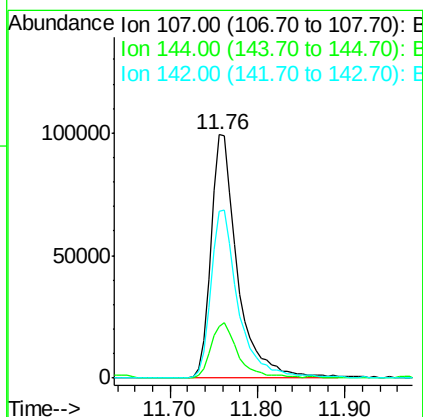
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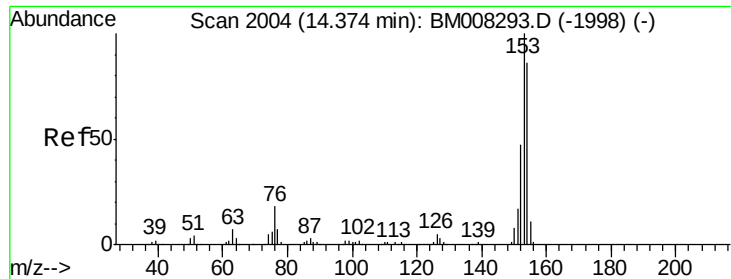
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#33
4-Chloro-3-methylphenol
Concen: 22.63 ng/ul
RT: 11.76 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BM008303.D
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Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.3	17.9	26.9
142	68.5	57.0	85.6





#49

Acenaphthene

Concen: 48.53 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM008303.D

Acq: 14 Dec 2016 10:12

Instrument :

BNA_M

ClientSampleId :

DA8P0MSD

Tgt Ion:153 Resp: 1031933

Ion Ratio Lower Upper

153 100

152 47.2 36.6 54.8

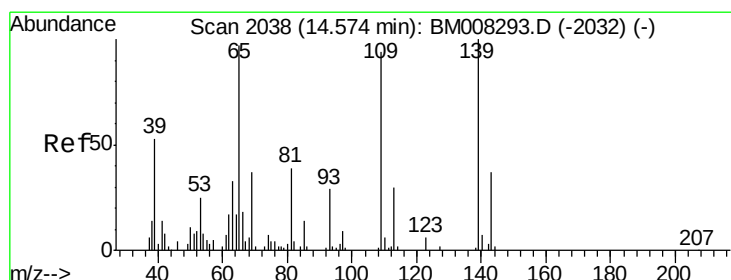
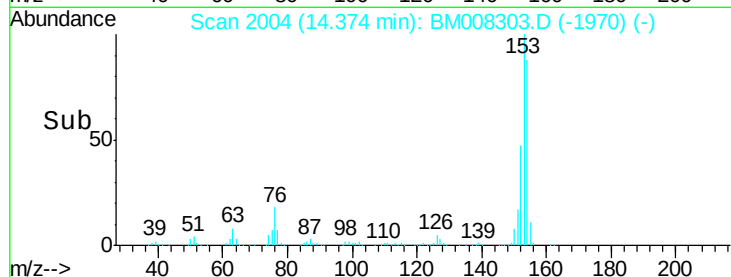
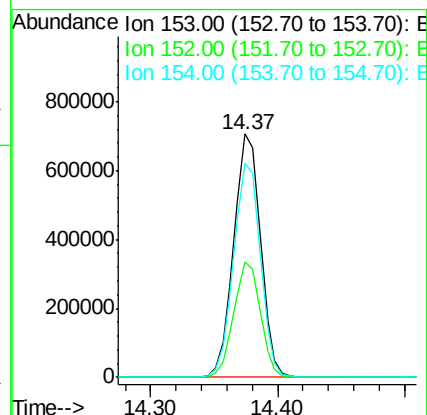
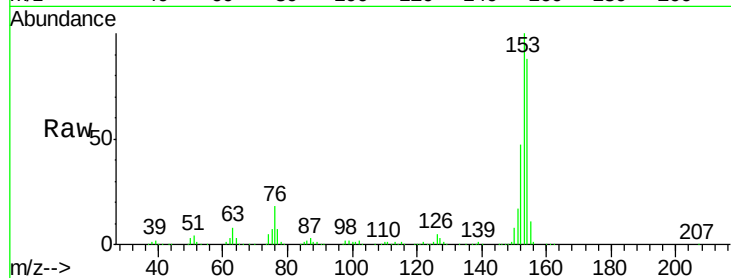
154 87.9 71.4 107.2

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#52

4-Nitrophenol

Concen: 5.63 ng/ul

RT: 14.59 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BM008303.D

Acq: 14 Dec 2016 10:12

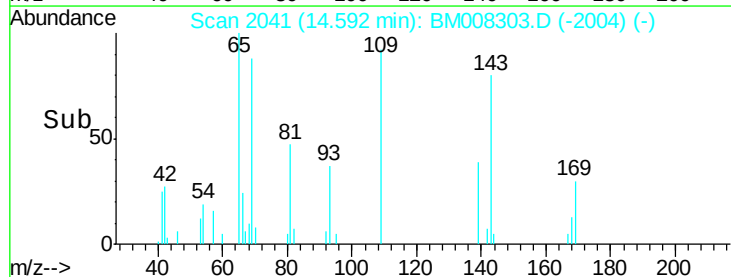
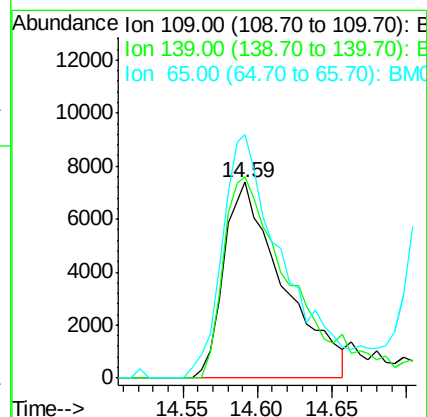
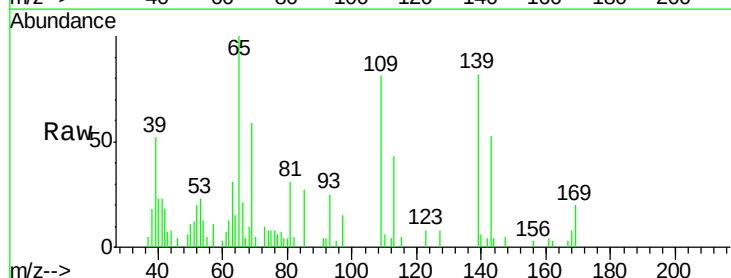
Tgt Ion:109 Resp: 20461

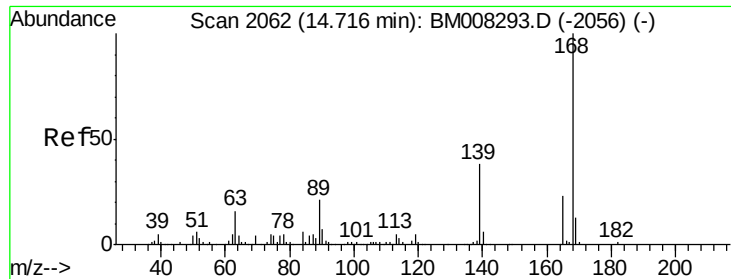
Ion Ratio Lower Upper

109 100

139 102.4 83.3 124.9

65 124.1 93.0 139.4





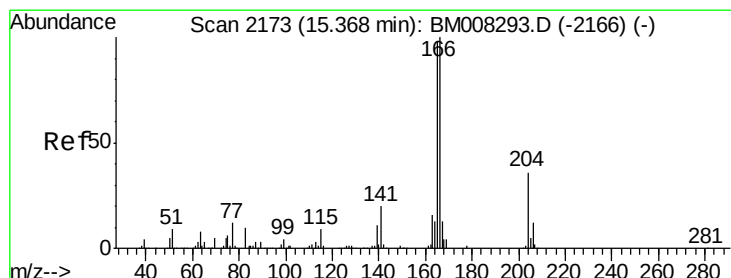
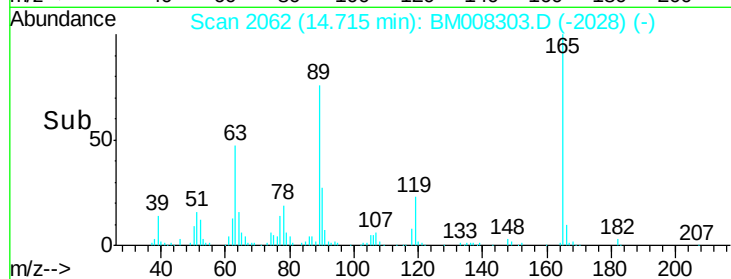
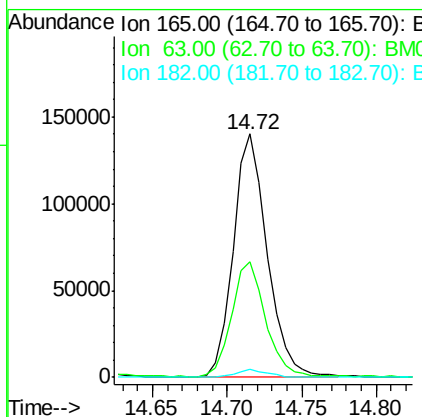
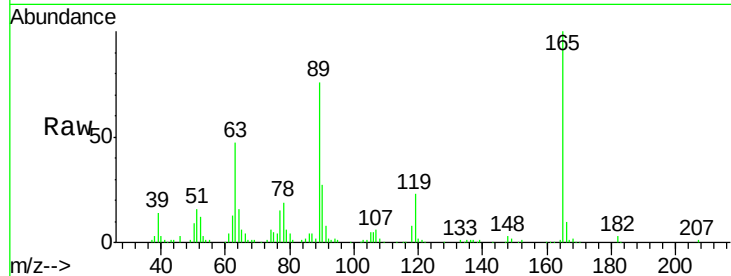
#54
2,4-Dinitrotoluene
Concen: 30.19 ng/ul
RT: 14.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM008303.D
Acq: 14 Dec 2016 10:12

Instrument :
BNA_M
ClientSampleId :
DA8P0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222093		
63	47.4	56.8	85.2#	
182	3.1	2.3	3.5	

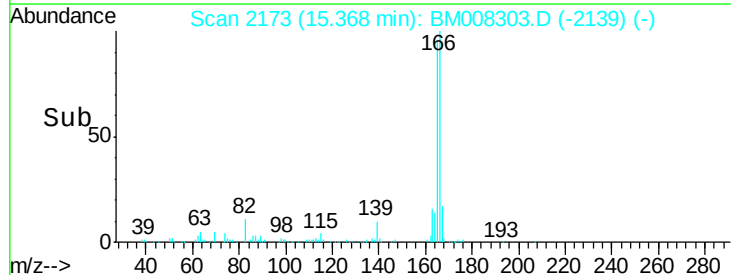
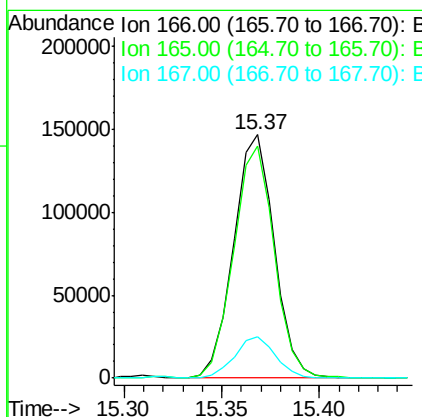
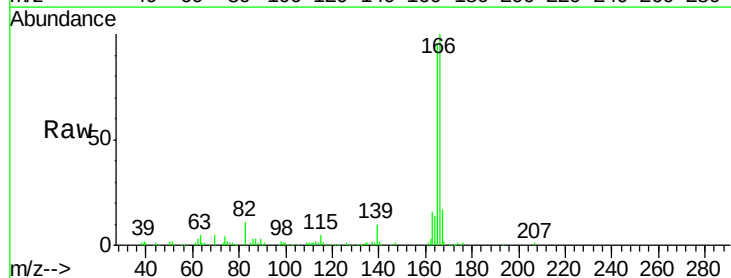
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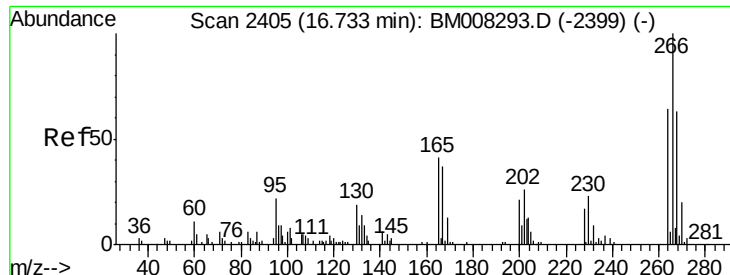
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#58
Fluorene
Concen: 8.31 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM008303.D
Acq: 14 Dec 2016 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	211640		
165	95.5	79.3	118.9	
167	17.2	10.7	16.1#	





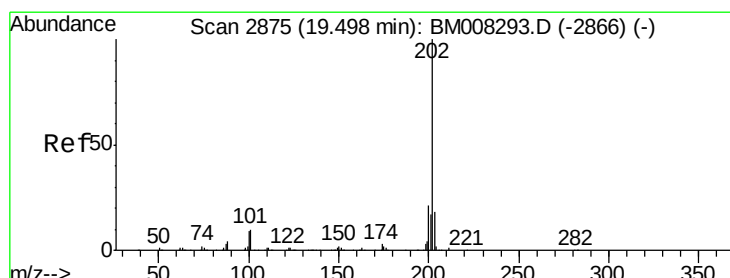
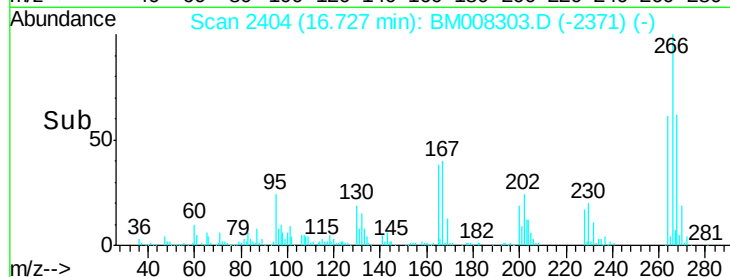
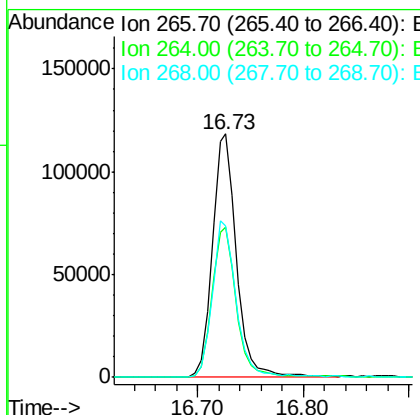
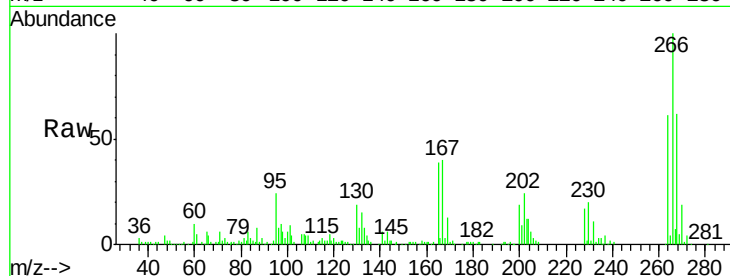
#68
 Pentachlorophenol
 Concen: 33.98 ng/ul
 RT: 16.73 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM008303.D
 Acq: 14 Dec 2016 10:12

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 BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
266	100	189531		
264	61.5	47.9	71.9	
268	62.2	49.0	73.6	

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#77
 Pyrene
 Concen: 34.12 ng/ul
 RT: 19.50 min Scan# 2875
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1838572		
101	10.2	8.2	12.4	
100	8.0	7.0	10.6	

