

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092616\
 Data File : BM007585.D
 Acq On : 26 Sep 2016 23:31
 Operator : UM/SJ
 Sample : H4866-14MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43T1MS

Quant Time: Sep 27 02:01:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 27 01:59:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	206795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	978399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	791821	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1856461	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2672808	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2552261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3464	0.82	ng/uL	0.00
5) Phenol-d5	6.95	99	66340	3.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	204008	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	210933	15.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	142750	9.11	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	145269	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	160506	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	286414	18.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	14387	0.87	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	1246166	21.64	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1408298	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	31029	3.05	ng/ul	0.00
57) Fluorene-d10	15.40	176	1112847	22.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	221955	19.59	ng/ul	0.00
70) Anthracene-d10	17.25	188	1955763	22.93	ng/ul	0.00
76) Pyrene-d10	19.54	212	2547164	24.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	2588392	22.92	ng/ul	0.00

Target Compounds

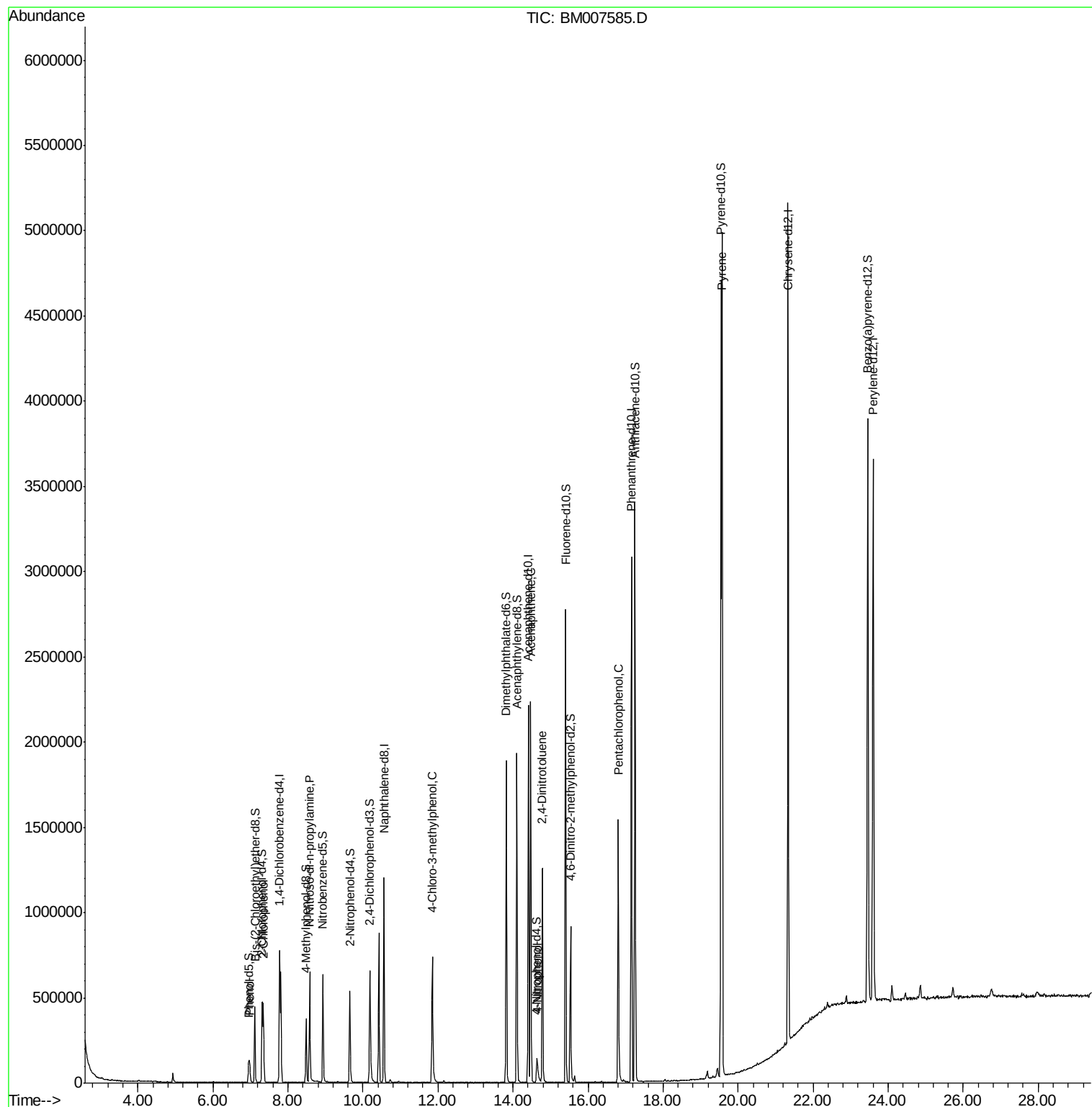
						Qvalue
6) Phenol	6.98	94	69491	3.73	ng/ul	98
10) 2-Chlorophenol	7.35	128	203105	15.19	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.58	70	254804	21.03	ng/ul	92
33) 4-Chloro-3-methylphenol	11.85	107	313441	16.50	ng/ul	92
49) Acenaphthene	14.47	153	910656	19.96	ng/ul	99
52) 4-Nitrophenol	14.65	109	28362	2.68	ng/ul	93
54) 2,4-Dinitrotoluene	14.79	165	364317	21.32	ng/ul	99
68) Pentachlorophenol	16.81	266	292464	20.49	ng/ul	99
77) Pyrene	19.57	202	2989120	22.79	ng/ul	98

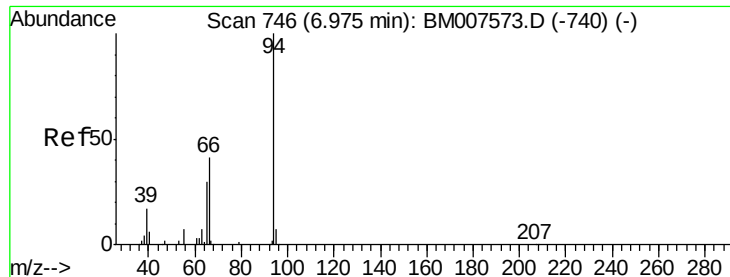
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.73 ng/ul

RT: 6.98 min Scan# 747

Delta R.T. 0.01 min

Lab File: BM007585.D

Acq: 26 Sep 2016 23:31

Instrument :

BNA_M

ClientSampleId :

E43T1MS

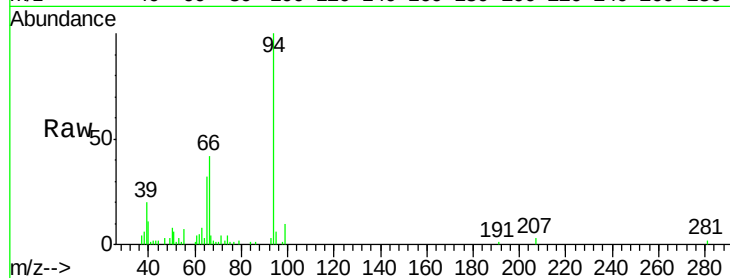
Tgt Ion: 94 Resp: 69491

Ion Ratio Lower Upper

94 100

65 32.1 23.9 35.9

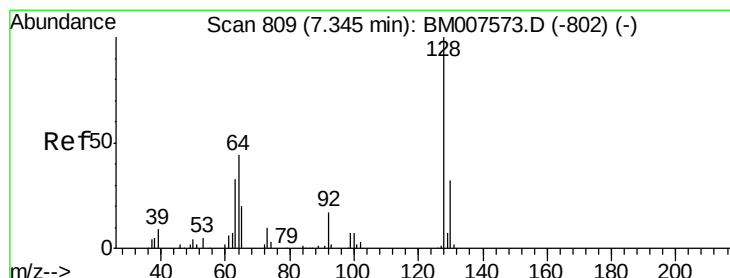
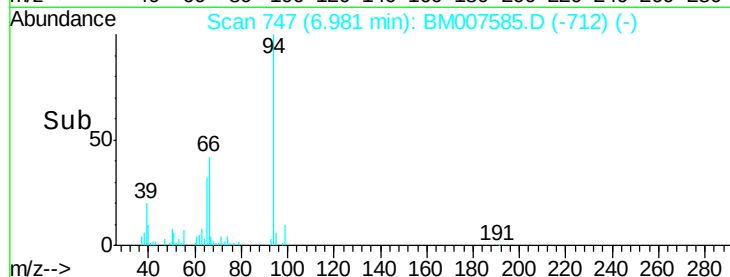
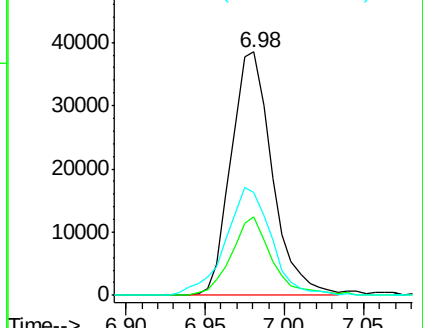
66 42.1 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007573.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BM007573.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BM007573.D (-740) (-)



#10

2-Chlorophenol

Concen: 15.19 ng/ul

RT: 7.35 min Scan# 809

Delta R.T. 0.00 min

Lab File: BM007585.D

Acq: 26 Sep 2016 23:31

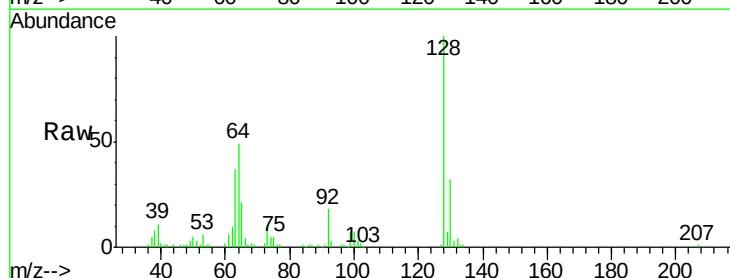
Tgt Ion: 128 Resp: 203105

Ion Ratio Lower Upper

128 100

64 49.4 37.5 56.3

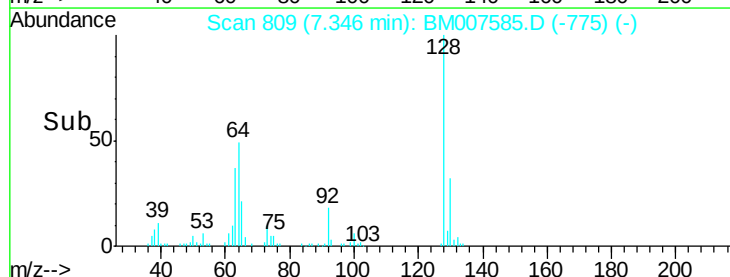
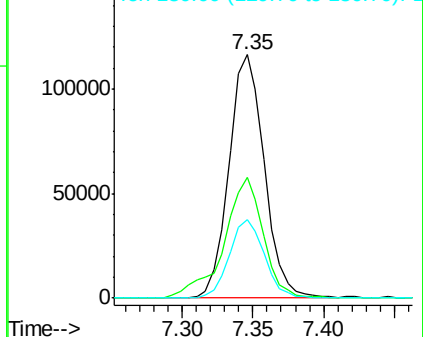
130 32.4 25.0 37.4

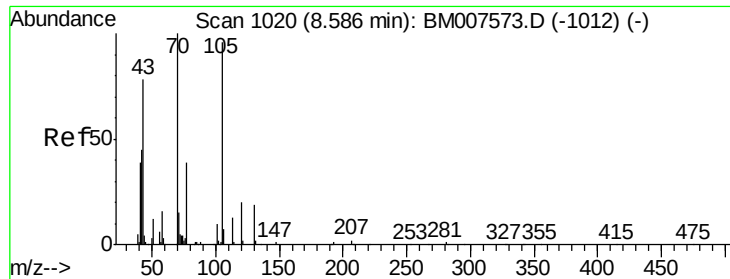


Abundance Ion 128.00 (127.70 to 128.70): BM007573.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM007573.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM007573.D (-802) (-)

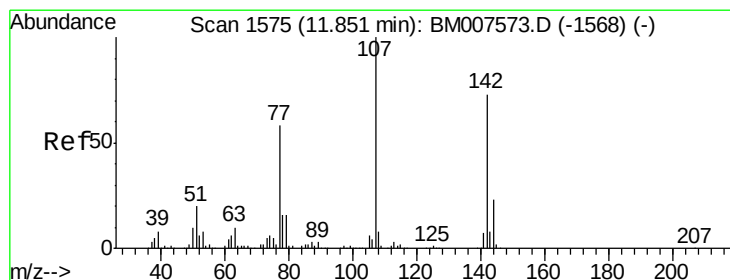
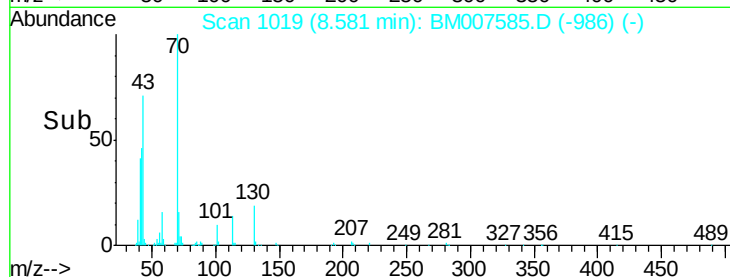
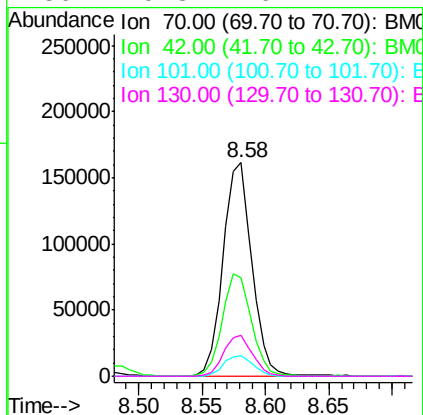
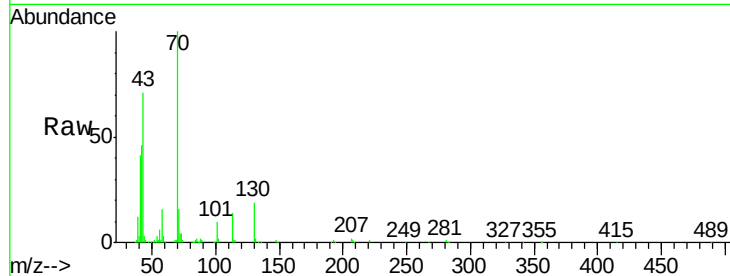




#15
N-Nitroso-di-n-propylamine
Concen: 21.03 ng/ul
RT: 8.58 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM007585.D
Acq: 26 Sep 2016 23:31

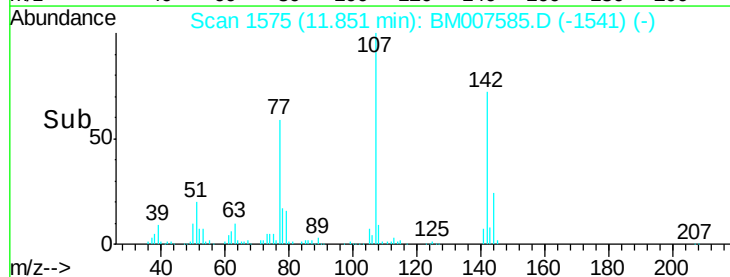
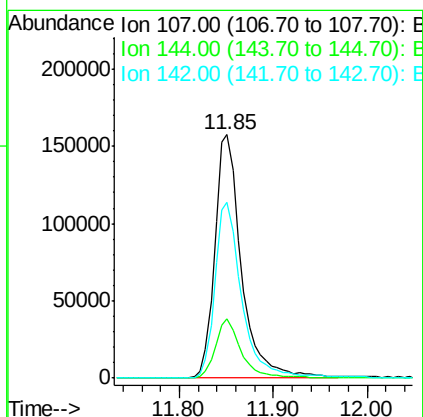
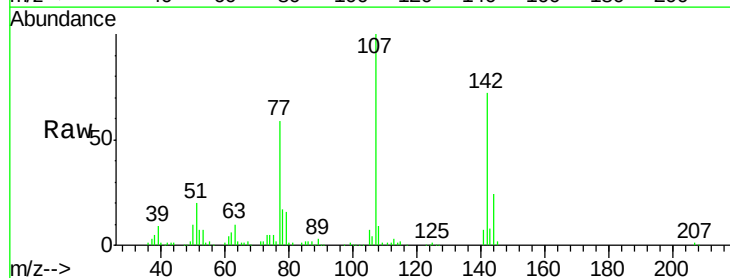
Instrument :
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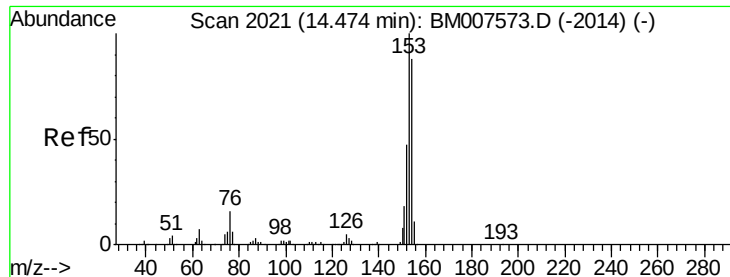
Tgt Ion:	70	Resp:	254804
Ion	Ratio	Lower	Upper
70	100		
42	46.1	43.4	65.2
101	9.7	7.8	11.6
130	19.3	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 16.50 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BM007585.D
Acq: 26 Sep 2016 23:31

Tgt Ion:	107	Resp:	313441
Ion	Ratio	Lower	Upper
107	100		
144	24.1	21.1	31.7
142	72.0	64.1	96.1





#49

Acenaphthene

Concen: 19.96 ng/ul

RT: 14.47 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BM007585.D

Acq: 26 Sep 2016 23:31

Instrument :

BNA_M

ClientSampleId :

E43T1MS

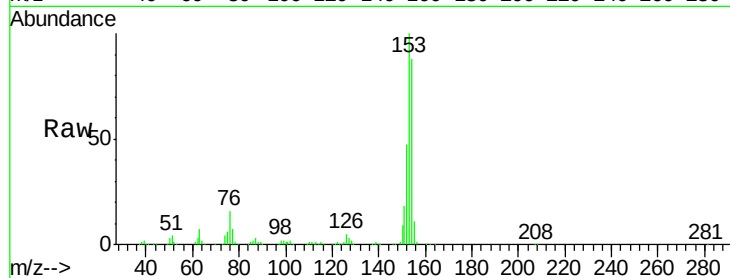
Tgt Ion:153 Resp: 910656

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

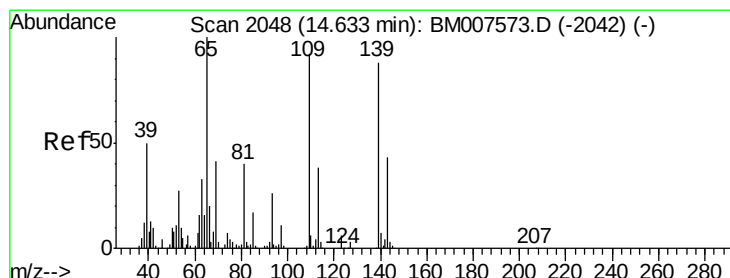
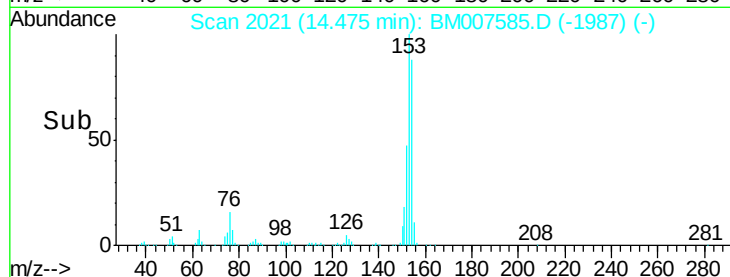
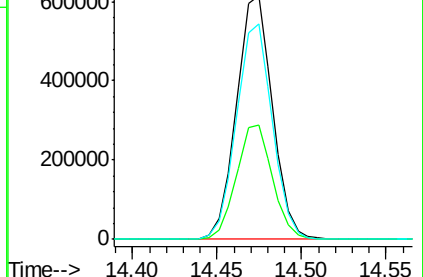
154 88.5 71.4 107.0



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: 2.68 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BM007585.D

Acq: 26 Sep 2016 23:31

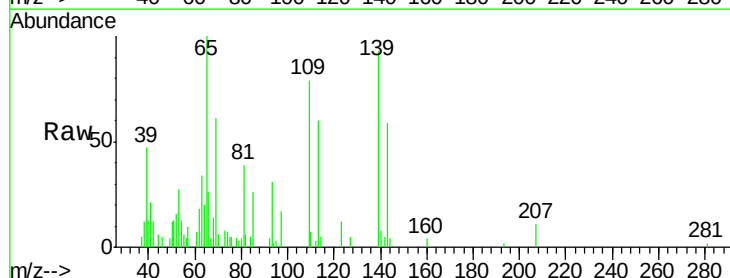
Tgt Ion:109 Resp: 28362

Ion Ratio Lower Upper

109 100

139 118.3 88.7 133.1

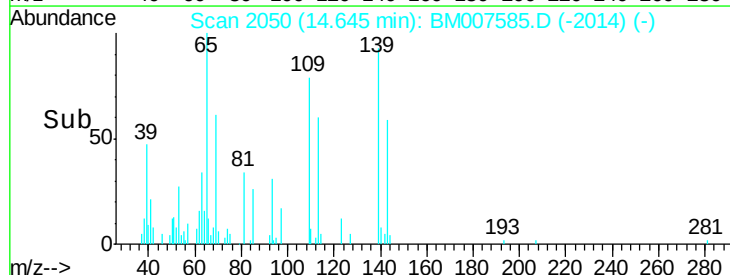
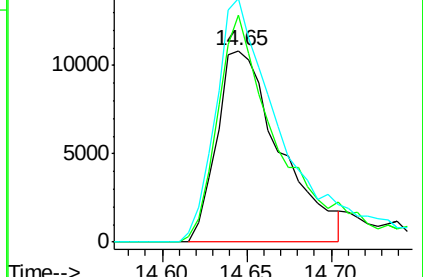
65 127.3 96.4 144.6

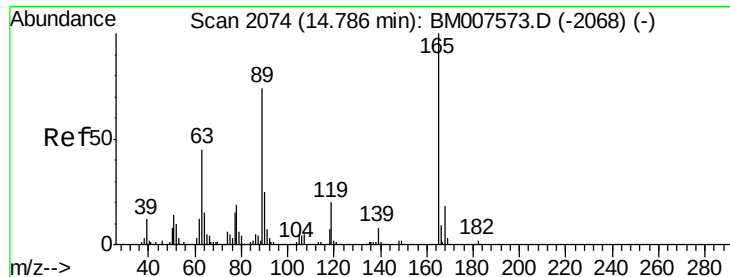


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

2,4-Dinitrotoluene

Concen: 21.32 ng/ul

RT: 14.79 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BM007585.D

Acq: 26 Sep 2016 23:31

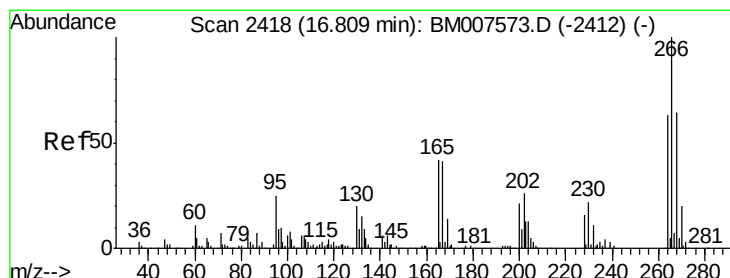
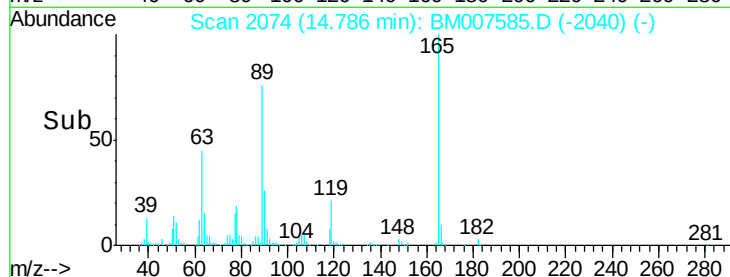
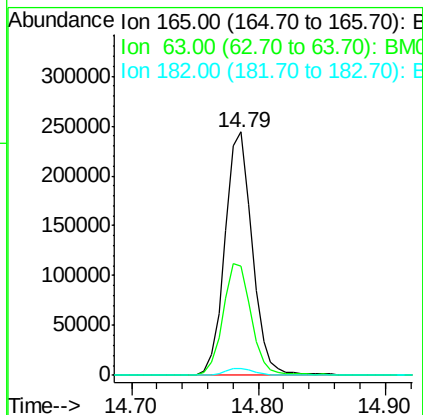
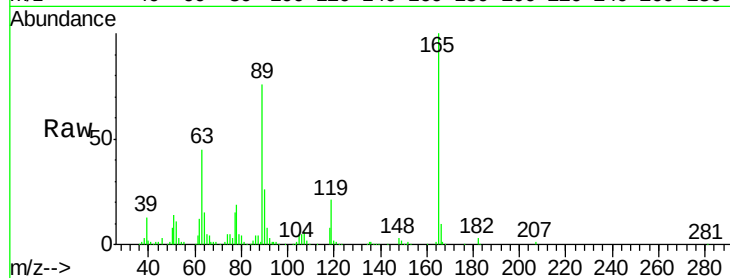
Instrument :

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Tgt Ion:	165	Resp:	364317
Ion Ratio	Lower	Upper	
165	100		
63	44.6	36.2	54.2
182	2.7	2.2	3.4



#68

Pentachlorophenol

Concen: 20.49 ng/ul

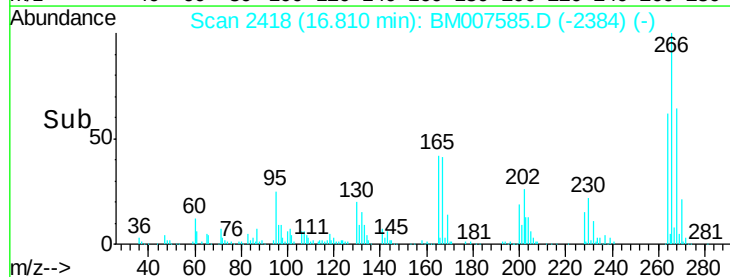
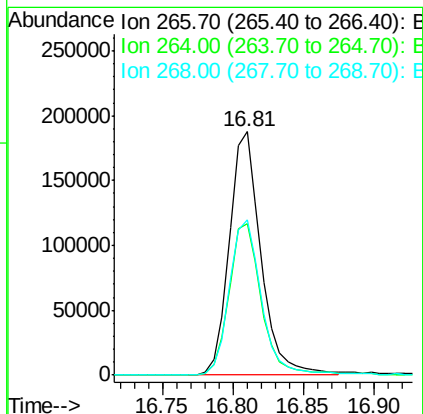
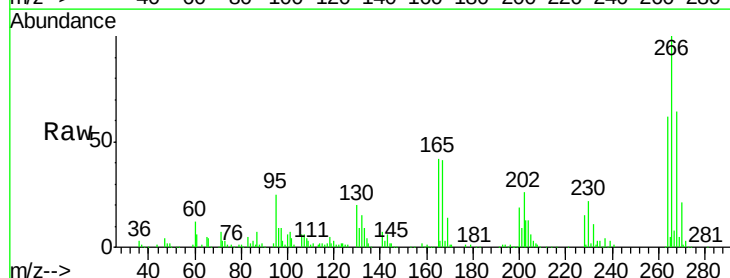
RT: 16.81 min Scan# 2418

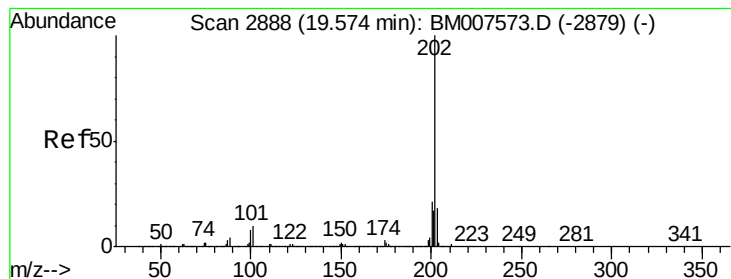
Delta R.T. 0.00 min

Lab File: BM007585.D

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Tgt Ion:	266	Resp:	292464
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.6	75.8
268	64.0	51.0	76.6





#77

Pyrene

Concen: 22.79 ng/ul

RT: 19.57 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BM007585.D

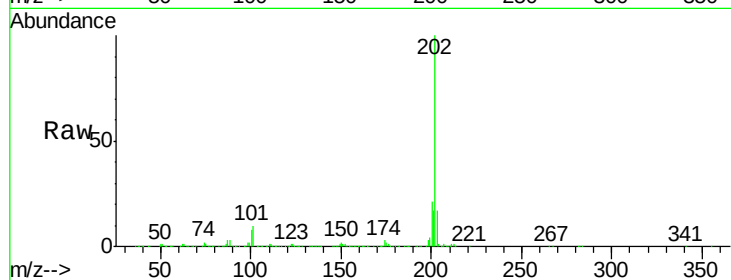
Acq: 26 Sep 2016 23:31

Instrument :

BNA_M

ClientSampleId :

E43T1MS



Tgt Ion: 202 Resp: 2989120

Ion Ratio Lower Upper

202 100

101 9.6 8.4 12.6

100 8.2 6.9 10.3

