

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092616\
 Data File : BM007569.D
 Acq On : 26 Sep 2016 13:54
 Operator : UM/SJ
 Sample : H4855-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9005MSD

Quant Time: Sep 26 14:32:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 03:32:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	191002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	933396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	760441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1785553	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2438953	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2170684	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6369	1.64	ng/uL	0.00
5) Phenol-d5	6.95	99	115652	6.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	294894	32.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	313768	25.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	233863	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	215455	32.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	252810	33.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	432185	28.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	67772	4.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1862975	33.68	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2089551	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	63813	6.54	ng/ul	0.00
57) Fluorene-d10	15.40	176	1606190	33.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	336261	30.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	2712585	33.06	ng/ul	0.00
76) Pyrene-d10	19.55	212	3439325	35.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3281295	34.16	ng/ul	0.00

Target Compounds

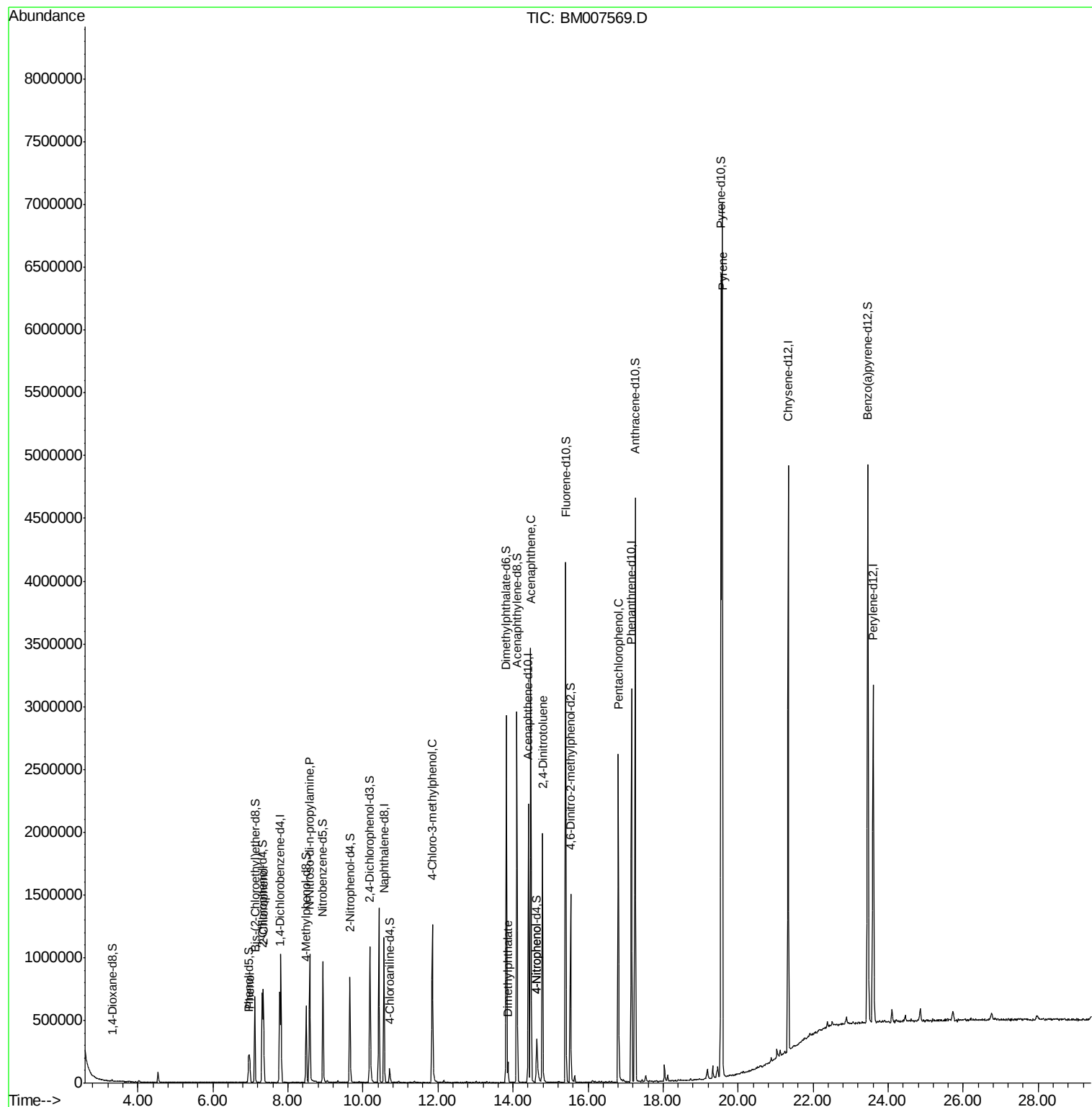
						Ovalue
6) Phenol	6.98	94	119479	6.95	ng/ul	96
10) 2-Chlorophenol	7.35	128	311254	25.21	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.58	70	392905	35.11	ng/ul	94
33) 4-Chloro-3-methylphenol	11.85	107	501366	27.67	ng/ul	94
44) Dimethylphthalate	13.87	163	98105	1.83	ng/ul	98
49) Acenaphthene	14.47	153	1383936	31.58	ng/ul	100
52) 4-Nitrophenol	14.64	109	66277	6.52	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	561571	34.21	ng/ul	99
68) Pentachlorophenol	16.81	266	461232	33.60	ng/ul	99
77) Pyrene	19.58	202	4153808	34.71	ng/ul	97

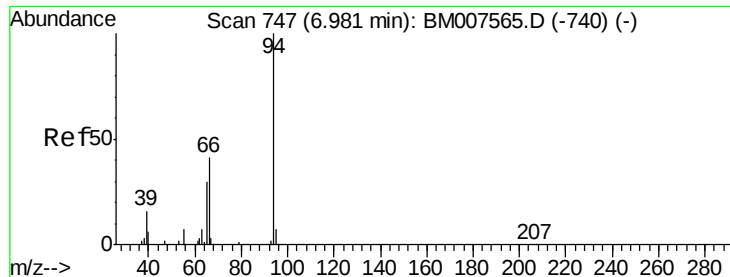
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : H4855-04MSD
Misc :
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 03:32:16 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.95 ng/ul

RT: 6.98 min Scan# 747

Delta R.T. 0.00 min

Lab File: BM007569.D

Acq: 26 Sep 2016 13:54

Instrument :

BNA_M

ClientSampleId :

H9005MSD

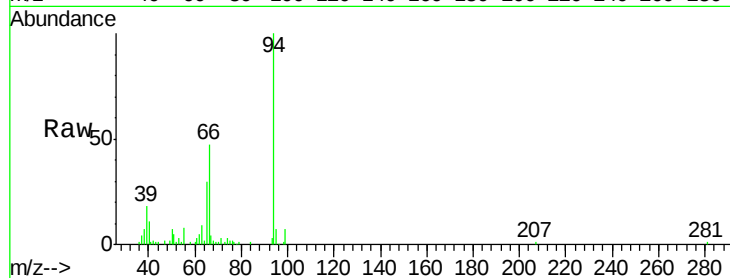
Tot Ion: 94 Resp: 119479

Ion Ratio Lower Upper

94 100

65 30.0 23.9 35.9

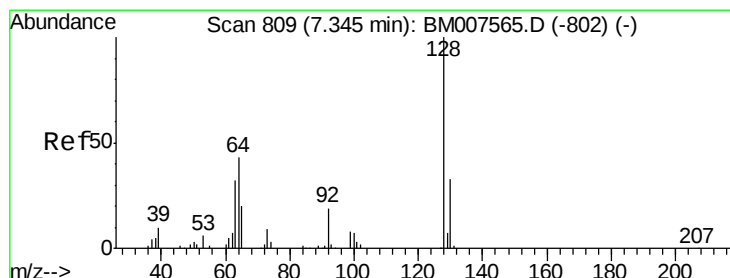
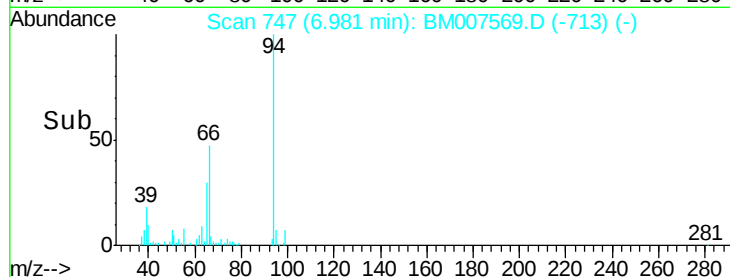
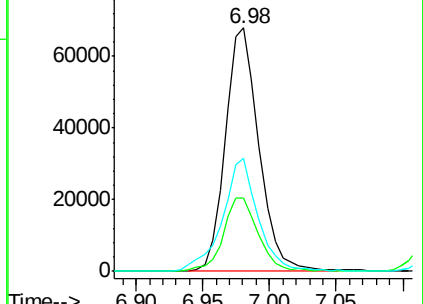
66 46.6 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007569.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BM007569.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BM007569.D (-740) (-)



#10

2-Chlorophenol

Concen: 25.21 ng/ul

RT: 7.35 min Scan# 809

Delta R.T. 0.00 min

Lab File: BM007569.D

Acq: 26 Sep 2016 13:54

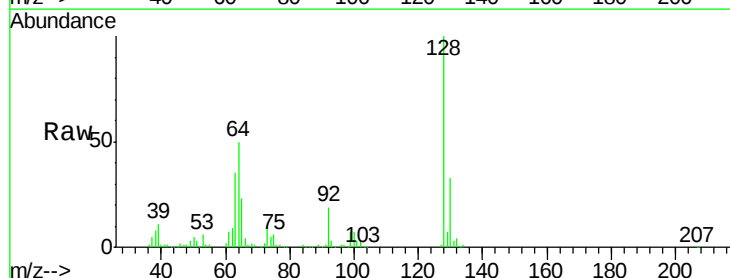
Tgt Ion: 128 Resp: 311254

Ion Ratio Lower Upper

128 100

64 50.1 37.5 56.3

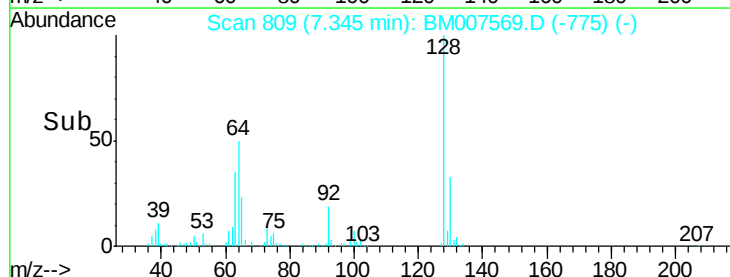
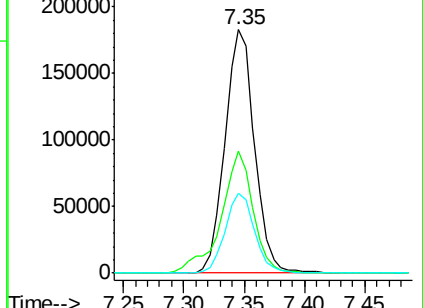
130 32.7 25.0 37.4

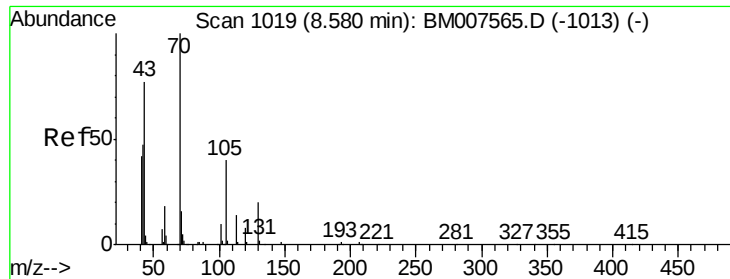


Abundance Ion 128.00 (127.70 to 128.70): BM007569.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM007569.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM007569.D (-802) (-)

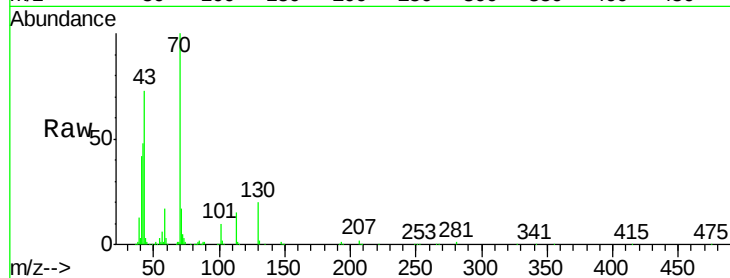




#15
N-Nitroso-di-n-propylamine
Concen: 35.11 ng/ul
RT: 8.58 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

Instrument :
BNA_M
ClientSampleId :
H9005MSD

Tot Ion:	70	Resp:	392905
Ion	Ratio	Lower	Upper
70	100		
42	48.1	43.4	65.2
101	10.3	7.8	11.6
130	19.9	16.2	24.4



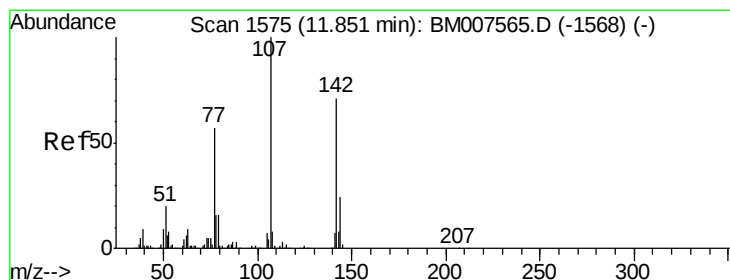
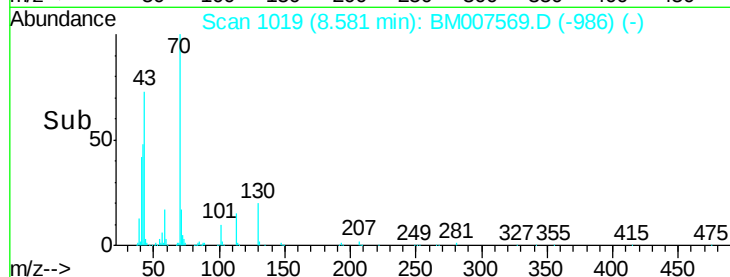
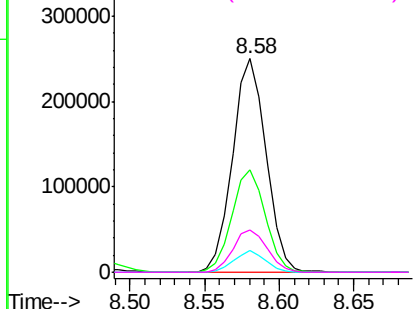
Abundance

Ion 70.00 (69.70 to 70.70): BM007569.D (-986) (-)

Ion 42.00 (41.70 to 42.70): BM007569.D (-986) (-)

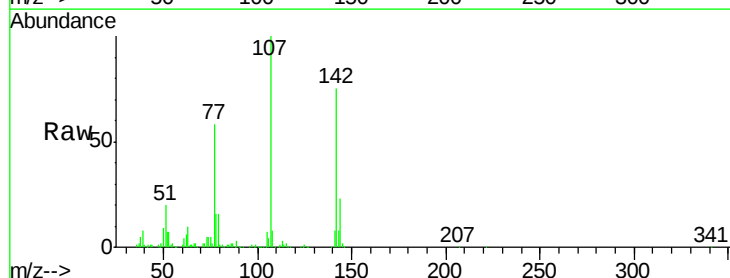
Ion 101.00 (100.70 to 101.70): BM007569.D (-986) (-)

Ion 130.00 (129.70 to 130.70): BM007569.D (-986) (-)



#33
4-Chloro-3-methylphenol
Concen: 27.67 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

Tgt Ion:	107	Resp:	501366
Ion	Ratio	Lower	Upper
107	100		
144	23.2	21.1	31.7
142	75.4	64.1	96.1

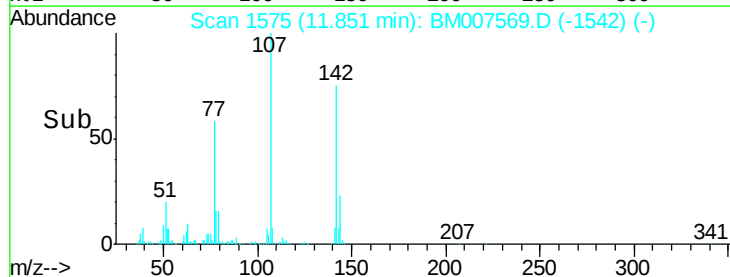
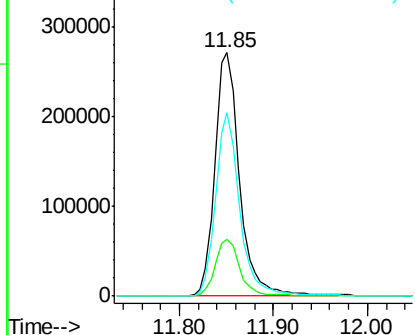


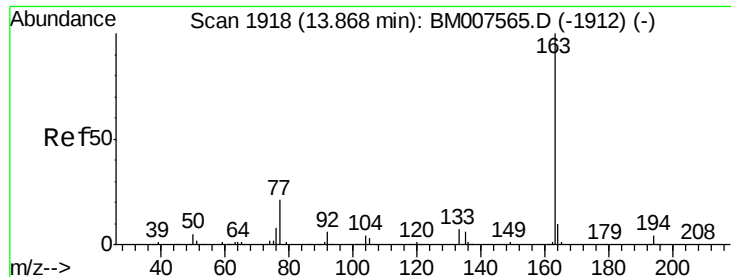
Abundance

Ion 107.00 (106.70 to 107.70): BM007569.D (-1542) (-)

Ion 144.00 (143.70 to 144.70): BM007569.D (-1542) (-)

Ion 142.00 (141.70 to 142.70): BM007569.D (-1542) (-)

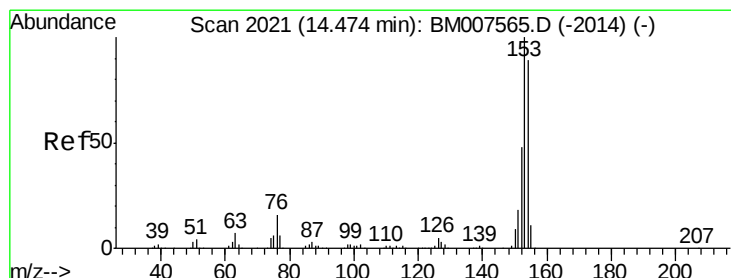
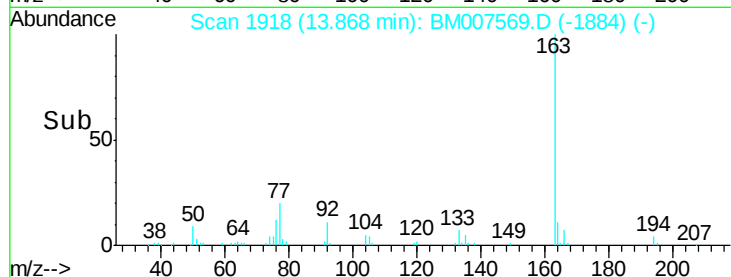
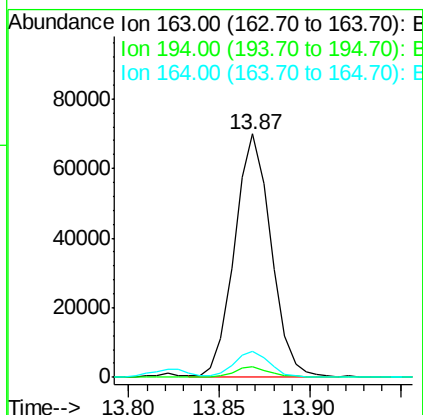
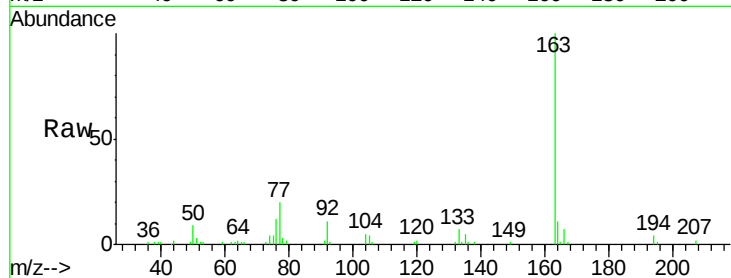




#44
Dimethylphthalate
Concen: 1.83 ng/ul
RT: 13.87 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

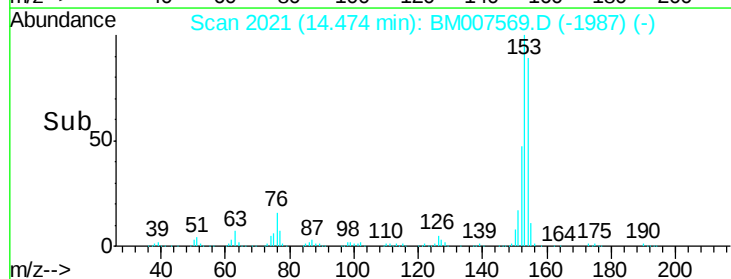
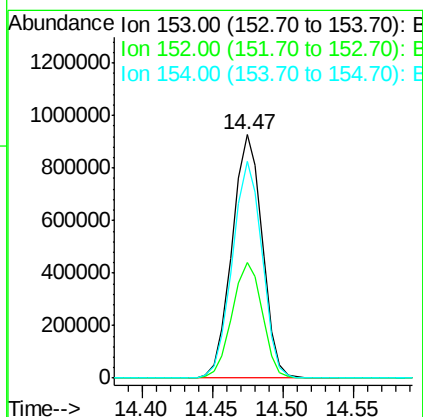
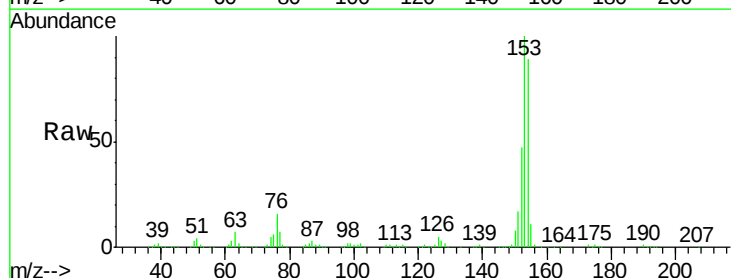
Instrument :
BNA_M
ClientSampleId :
H9005MSD

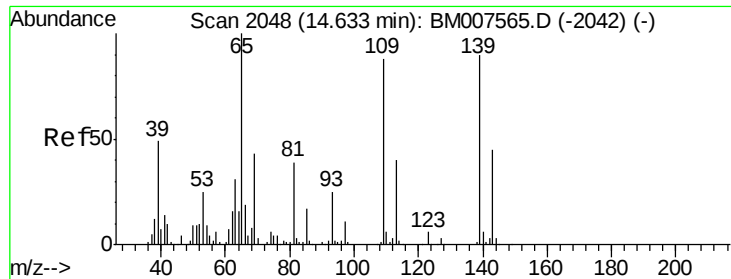
Tot Ion:163 Resp: 98105
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 7.8 11.8



#49
Acenaphthene
Concen: 31.58 ng/ul
RT: 14.47 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

Tgt Ion:153 Resp: 1383936
Ion Ratio Lower Upper
153 100
152 47.4 37.8 56.6
154 89.1 71.4 107.0

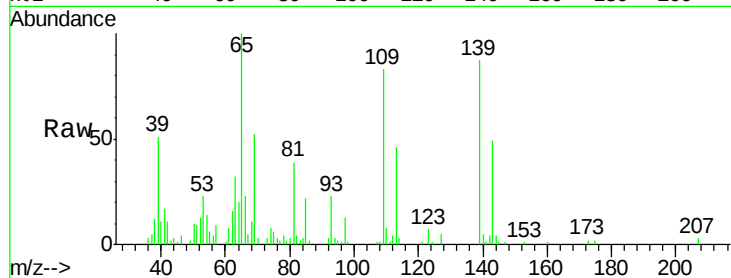




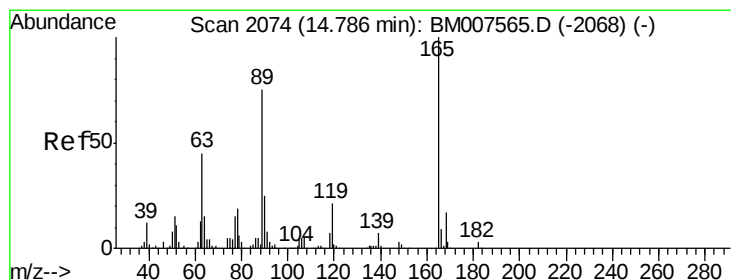
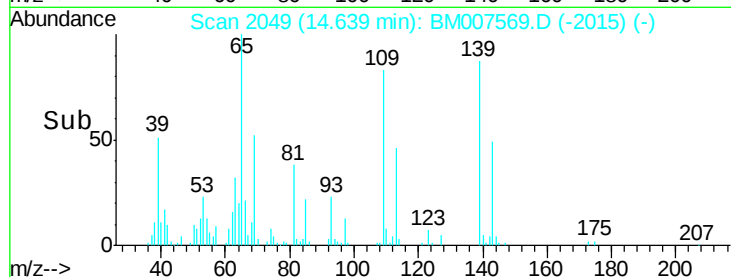
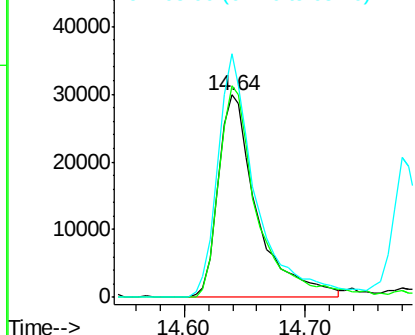
#52
4-Nitrophenol
Concen: 6.52 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

Instrument :
BNA_M
ClientSampleId :
H9005MSD

Tot Ion:109 Resp: 66277
Ion Ratio Lower Upper
109 100
139 104.2 88.7 133.1
65 120.2 96.4 144.6

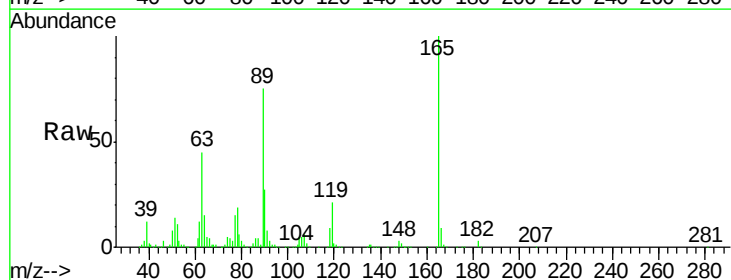


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

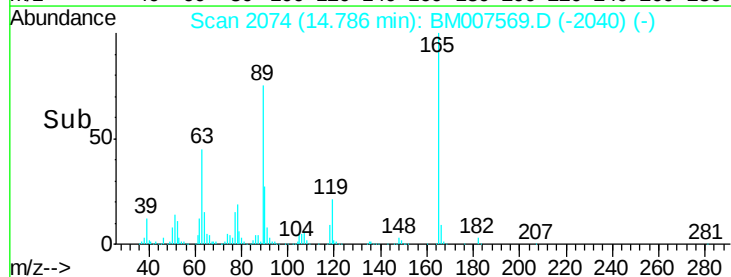
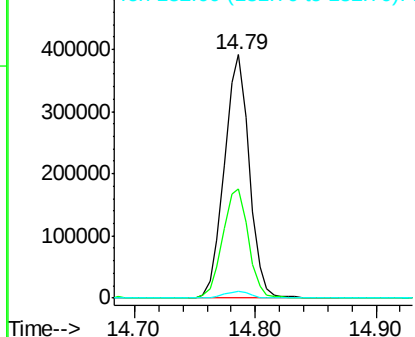


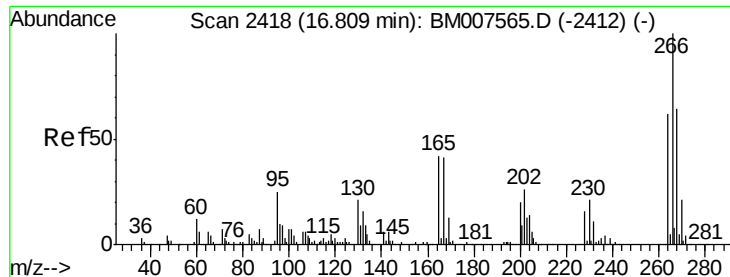
#54
2,4-Dinitrotoluene
Concen: 34.21 ng/ul
RT: 14.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BM007569.D
Acq: 26 Sep 2016 13:54

Tgt Ion:165 Resp: 561571
Ion Ratio Lower Upper
165 100
63 44.7 36.2 54.2
182 2.6 2.2 3.4



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

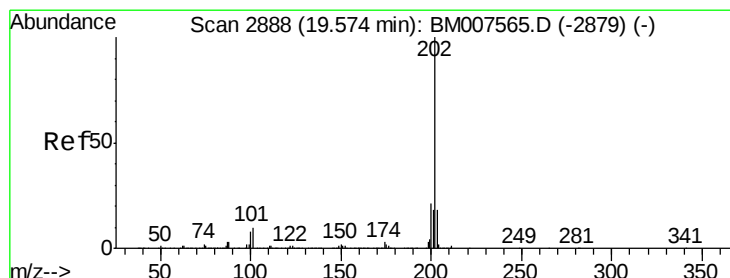
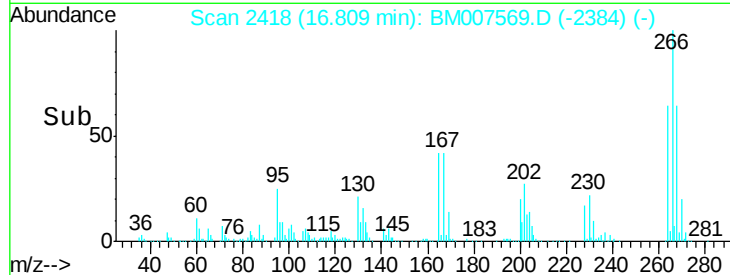
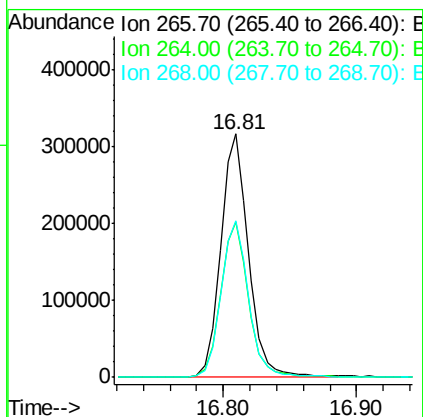
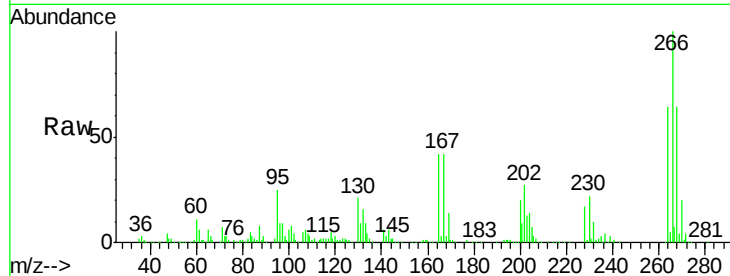




#68
 Pentachlorophenol
 Concen: 33.60 ng/ul
 RT: 16.81 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BM007569.D
 Acq: 26 Sep 2016 13:54

Instrument :
 BNA_M
 ClientSampleId :
 H9005MSD

Tot Ion:266 Resp: 461232
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.6 75.8
 268 64.3 51.0 76.6



#77
 Pyrene
 Concen: 34.71 ng/ul
 RT: 19.58 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BM007569.D
 Acq: 26 Sep 2016 13:54

Tgt Ion:202 Resp: 4153808
 Ion Ratio Lower Upper
 202 100
 101 9.3 8.4 12.6
 100 7.8 6.9 10.3

