

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007321.D
 Acq On : 29 Aug 2016 22:33
 Operator : UM/SJ
 Sample : H4575-14MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA285MSD

Quant Time: Aug 30 02:27:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 30 02:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	141276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	696836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	510364	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1449791	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2208930	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2510907	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13304	4.81	ng/uL	0.00
5) Phenol-d5	6.96	99	294084	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	178349	25.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	235303	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	264915	22.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	126523	24.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	147634	24.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	275663	23.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	362422	24.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1161150	26.37	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1282263	25.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	187900	22.61	ng/ul	0.00
57) Fluorene-d10	15.42	176	990578	26.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	191755	21.03	ng/ul	0.00
70) Anthracene-d10	17.27	188	1744750	25.76	ng/ul	0.00
76) Pyrene-d10	19.56	212	2312355	25.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2988170	25.84	ng/ul	0.00

Target Compounds

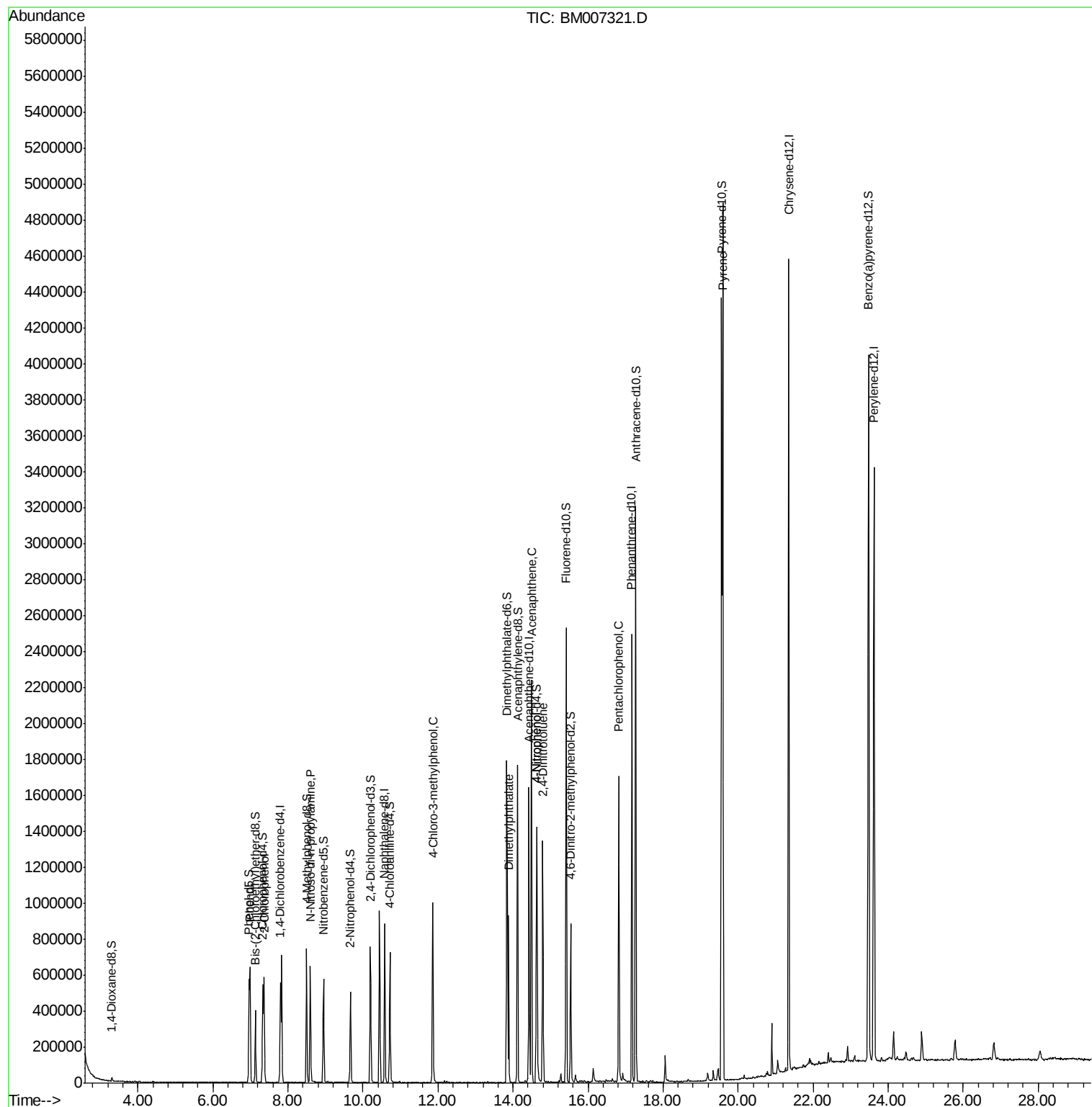
						Qvalue
6) Phenol	6.99	94	323649	23.38	ng/ul	94
10) 2-Chlorophenol	7.36	128	238540	23.62	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	248751	26.22	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	355934	24.34	ng/ul	96
44) Dimethylphthalate	13.88	163	561865	12.81	ng/ul	99
49) Acenaphthene	14.49	153	882350	25.82	ng/ul	99
52) 4-Nitrophenol	14.64	109	229629	25.97	ng/ul	88
54) 2,4-Dinitrotoluene	14.79	165	361641	26.32	ng/ul	95
68) Pentachlorophenol	16.82	266	286418	24.21	ng/ul	99
77) Pyrene	19.59	202	2961188	24.99	ng/ul	96

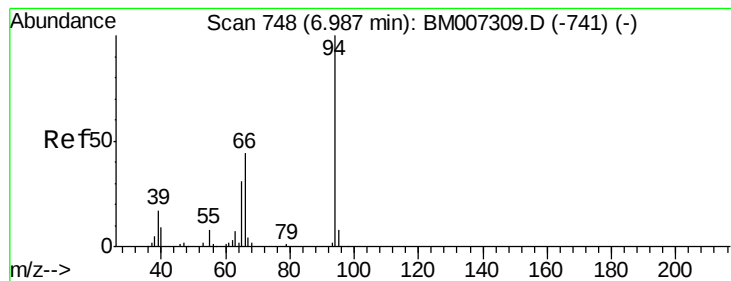
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 23.38 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM007321.D

Acq: 29 Aug 2016 22:33

Instrument :

BNA_M

ClientSampleId :

DA285MSD

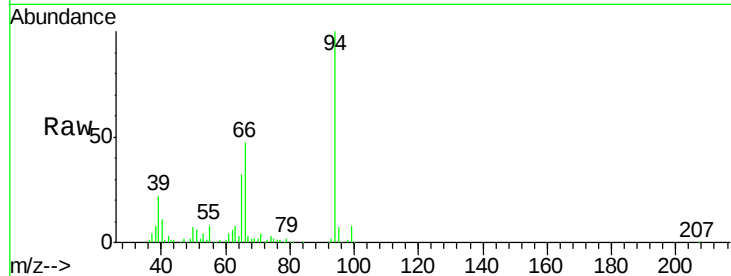
Tgt Ion: 94 Resp: 323649

Ion Ratio Lower Upper

94 100

65 31.8 23.9 35.9

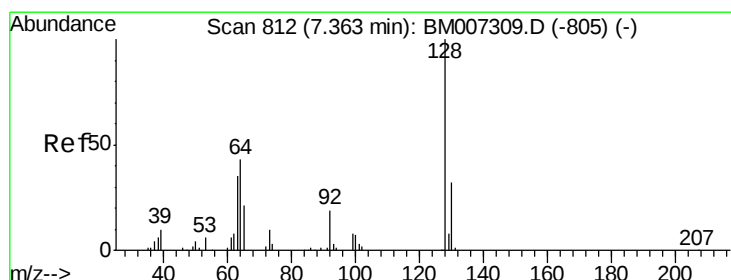
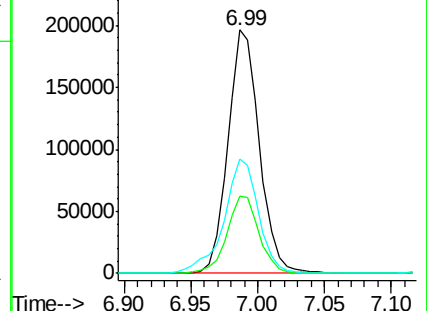
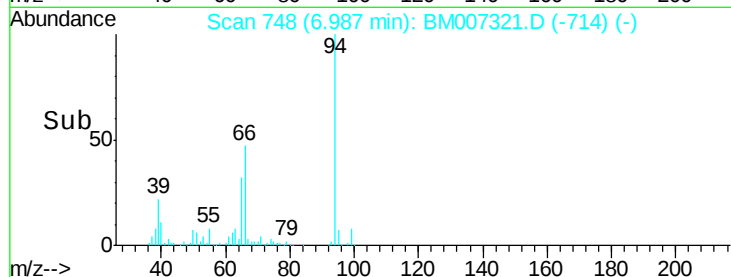
66 47.0 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007309.D (-741) (-)

Ion 65.00 (64.70 to 65.70): BM007309.D (-741) (-)

Ion 66.00 (65.70 to 66.70): BM007309.D (-741) (-)



#10

2-Chlorophenol

Concen: 23.62 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. 0.00 min

Lab File: BM007321.D

Acq: 29 Aug 2016 22:33

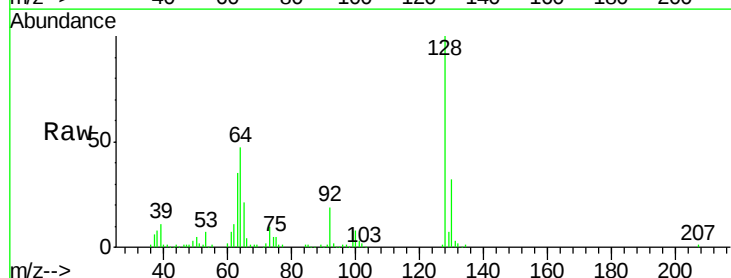
Tgt Ion: 128 Resp: 238540

Ion Ratio Lower Upper

128 100

64 46.8 37.5 56.3

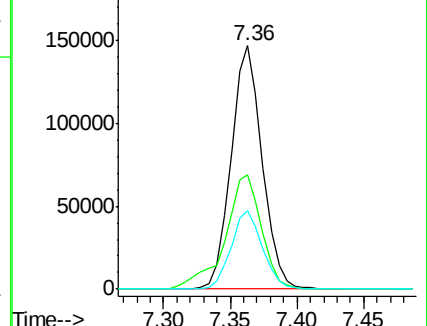
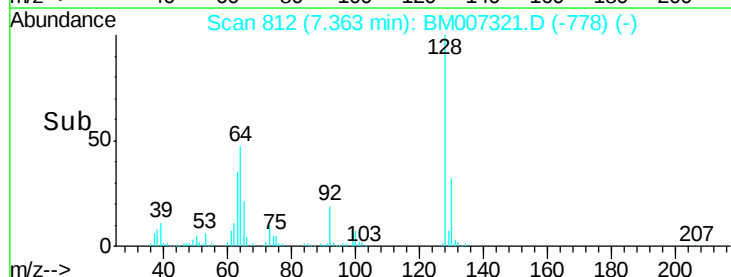
130 32.3 25.0 37.4

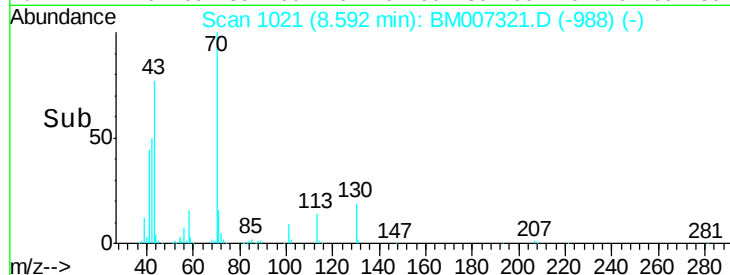
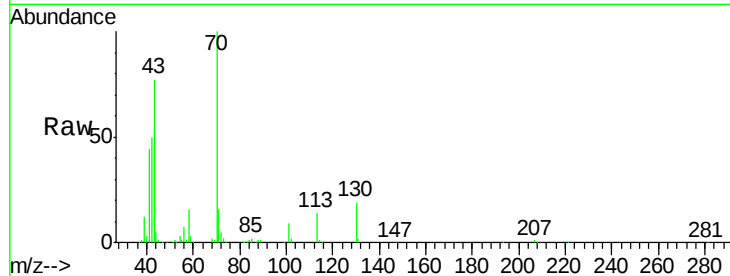
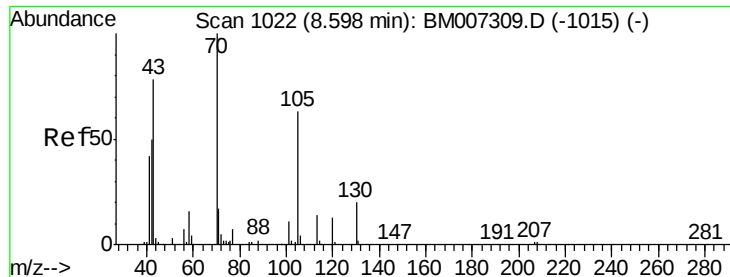


Abundance Ion 128.00 (127.70 to 128.70): BM007309.D (-805) (-)

Ion 64.00 (63.70 to 64.70): BM007309.D (-805) (-)

Ion 130.00 (129.70 to 130.70): BM007309.D (-805) (-)

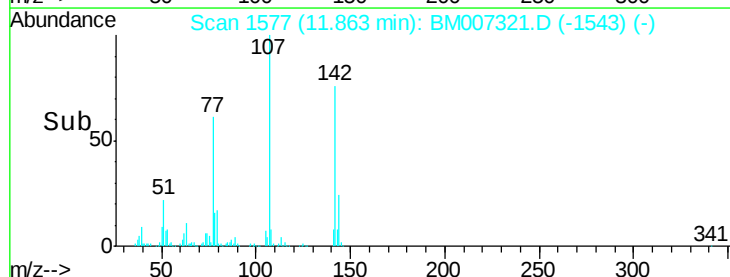
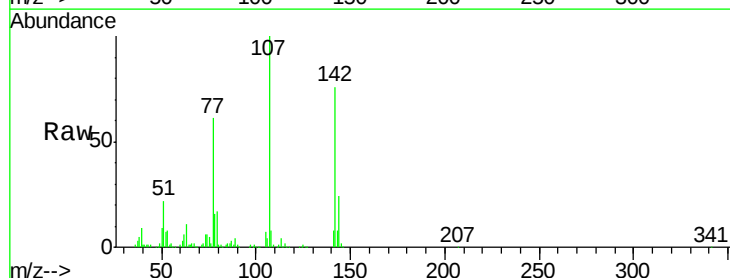
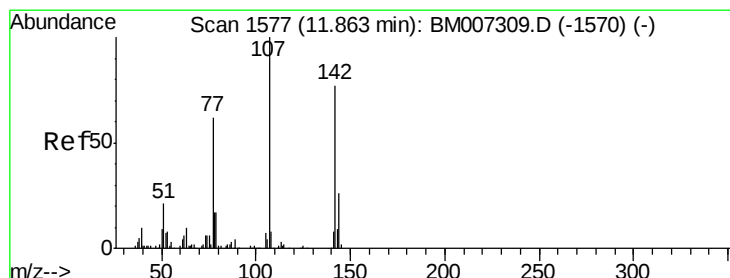
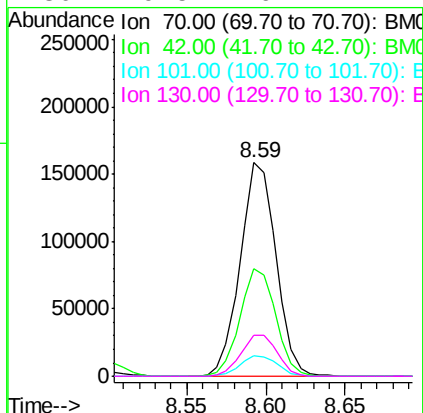




#15
N-Nitroso-di-n-propylamine
Concen: 26.22 ng/ul
RT: 8.59 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM007321.D
Acq: 29 Aug 2016 22:33

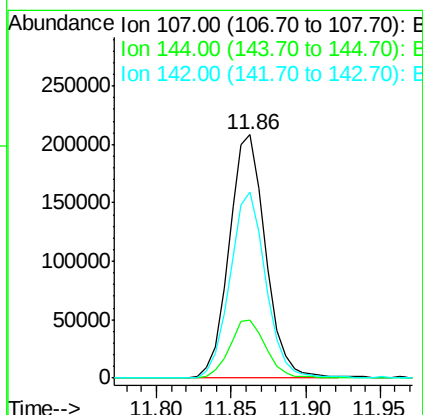
Instrument :
BNA_M
ClientSampleId :
DA285MSD

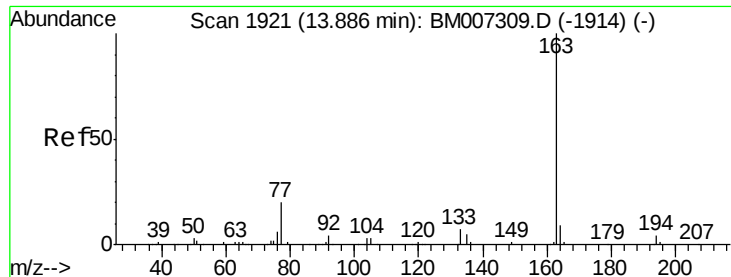
Tgt Ion:	70	Resp:	248751
Ion	Ratio	Lower	Upper
70	100		
42	50.2	43.4	65.2
101	9.5	7.8	11.6
130	19.5	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 24.34 ng/ul
RT: 11.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BM007321.D
Acq: 29 Aug 2016 22:33

Tgt Ion:	107	Resp:	355934
Ion	Ratio	Lower	Upper
107	100		
144	24.0	21.1	31.7
142	76.2	64.1	96.1





#44

Dimethylphthalate

Concen: 12.81 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM007321.D

Acq: 29 Aug 2016 22:33

Instrument :

BNA_M

ClientSampleId :

DA285MSD

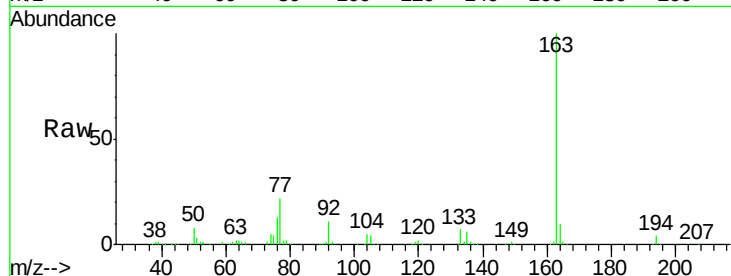
Tgt Ion:163 Resp: 561865

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

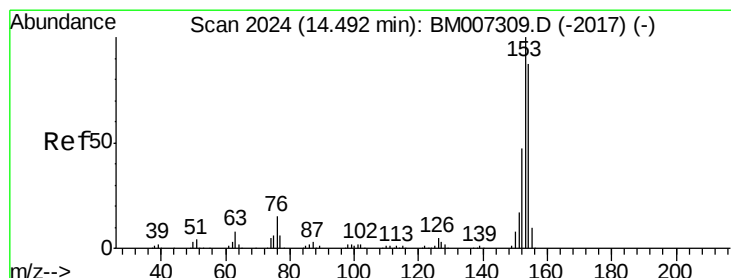
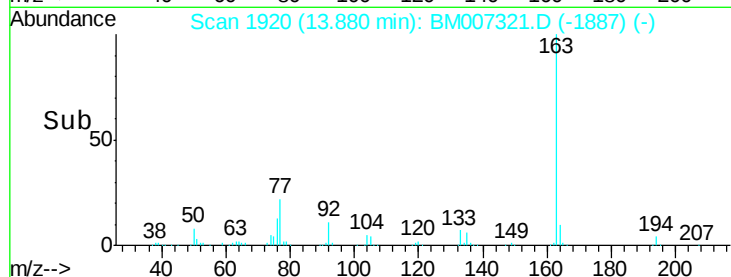
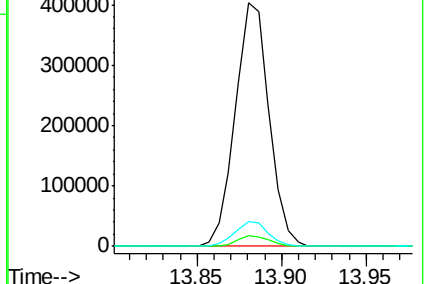
164 10.2 7.8 11.8



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: 25.82 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM007321.D

Acq: 29 Aug 2016 22:33

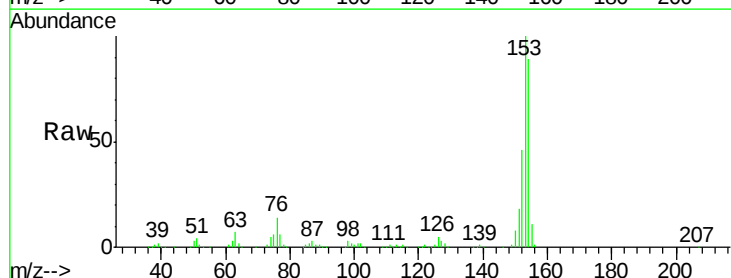
Tgt Ion:153 Resp: 882350

Ion Ratio Lower Upper

153 100

152 45.9 37.8 56.6

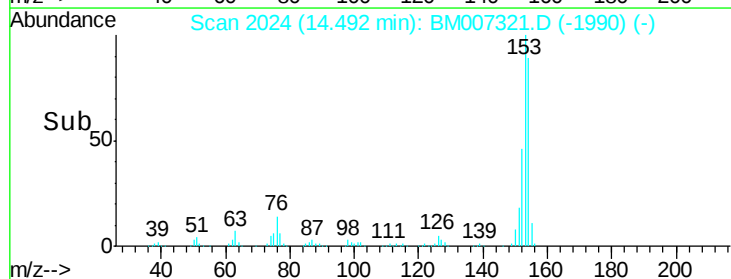
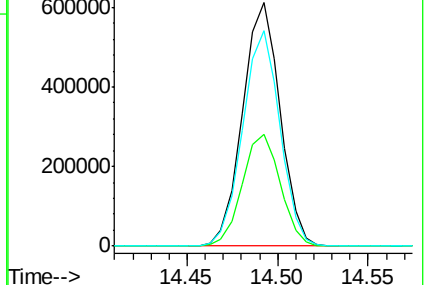
154 88.7 71.4 107.0

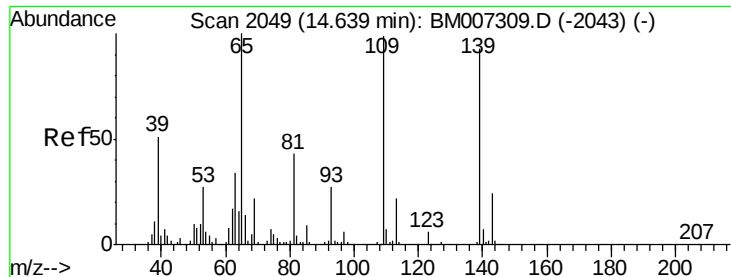


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

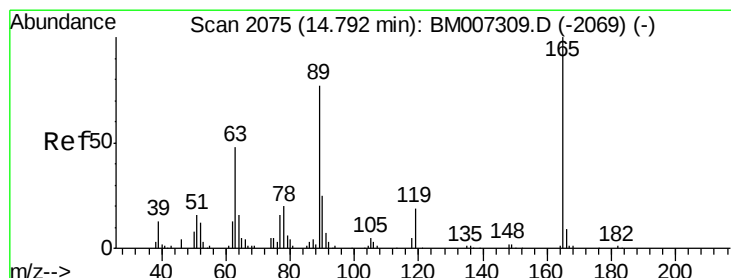
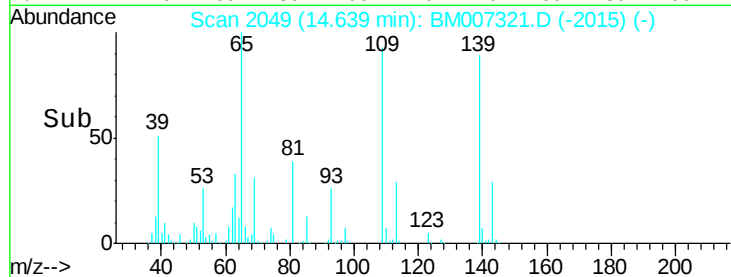
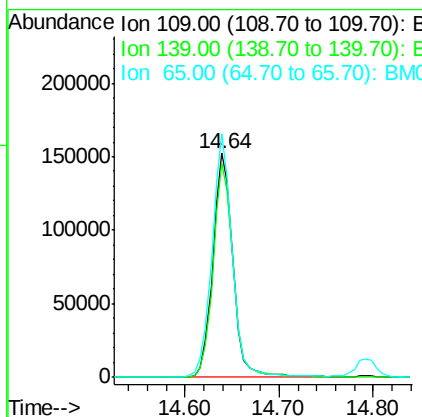
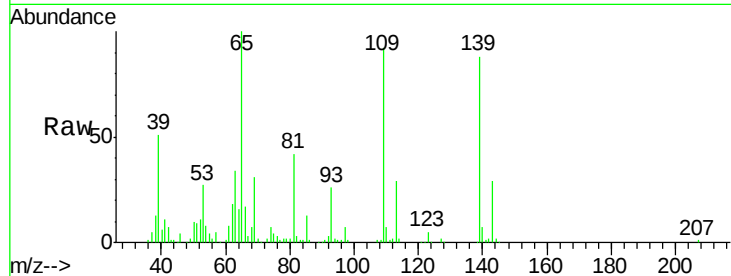




#52
4-Nitrophenol
Concen: 25.97 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM007321.D
Acq: 29 Aug 2016 22:33

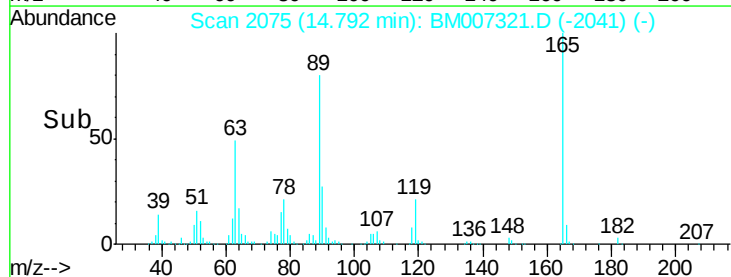
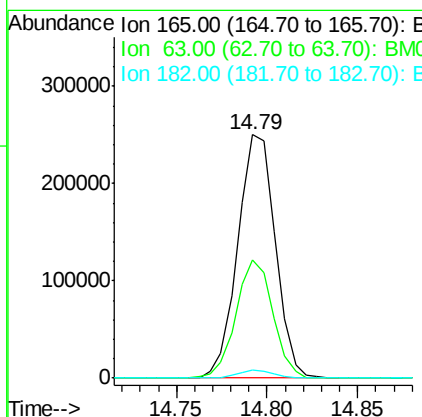
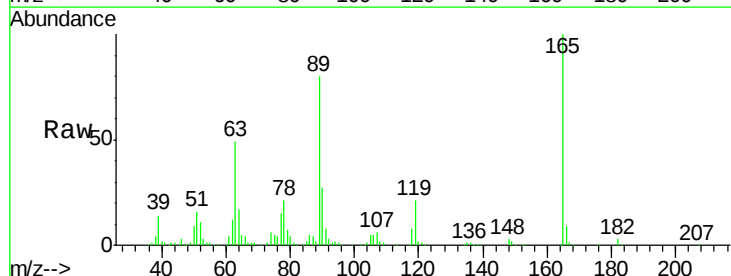
Instrument :
BNA_M
ClientSampleId :
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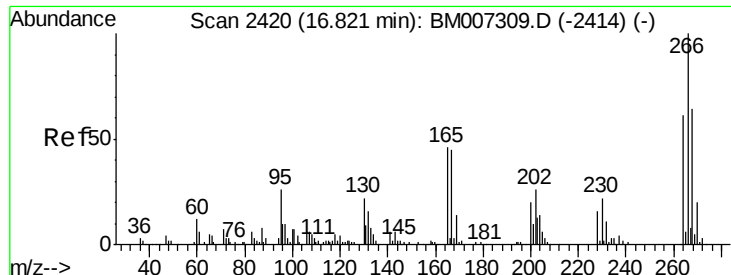
Tgt Ion:109 Resp: 229629
Ion Ratio Lower Upper
109 100
139 95.6 88.7 133.1
65 108.7 96.4 144.6



#54
2,4-Dinitrotoluene
Concen: 26.32 ng/ul
RT: 14.79 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BM007321.D
Acq: 29 Aug 2016 22:33

Tgt Ion:165 Resp: 361641
Ion Ratio Lower Upper
165 100
63 48.6 36.2 54.2
182 3.1 2.2 3.4

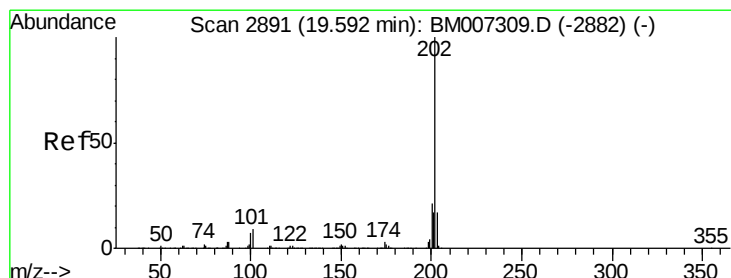
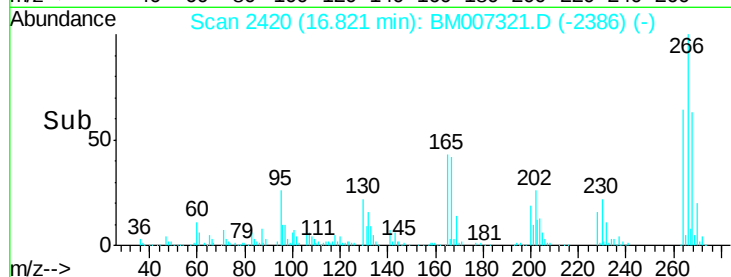
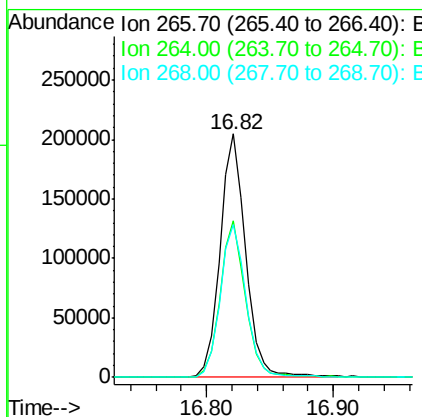
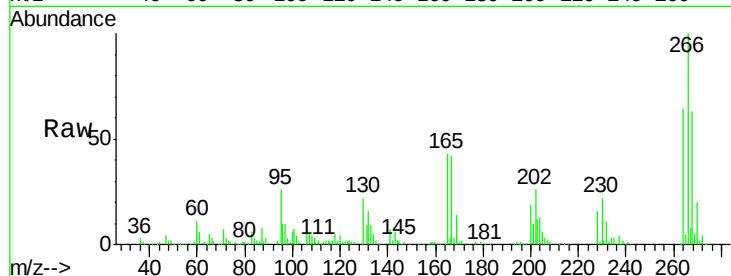




#68
 Pentachlorophenol
 Concen: 24.21 ng/ul
 RT: 16.82 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM007321.D
 Acq: 29 Aug 2016 22:33

Instrument :
 BNA_M
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Tgt Ion:266 Resp: 286418
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.6 75.8
 268 62.8 51.0 76.6



#77
 Pyrene
 Concen: 24.99 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007321.D
 Acq: 29 Aug 2016 22:33

Tgt Ion:202 Resp: 2961188
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.4 12.6
 100 7.2 6.9 10.3

