

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007320.D
 Acq On : 29 Aug 2016 21:57
 Operator : UM/SJ
 Sample : H4575-13MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA285MS

Quant Time: Aug 30 02:27:15 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	144619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	718047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	534786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1500161	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2297068	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2577982	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.31	96	11165	3.95	ng/uL	0.00
5) Phenol-d5	6.96	99	255329	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	152383	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	204742	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	232886	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	113501	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	129272	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	238737	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	328021	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1039761	22.54	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1155038	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	177887	20.42	ng/ul	0.00
57) Fluorene-d10	15.42	176	889868	22.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	178744	18.95	ng/ul	0.00
70) Anthracene-d10	17.27	188	1560276	22.27	ng/ul	0.00
76) Pyrene-d10	19.56	212	2085708	21.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2667468	22.47	ng/ul	0.00

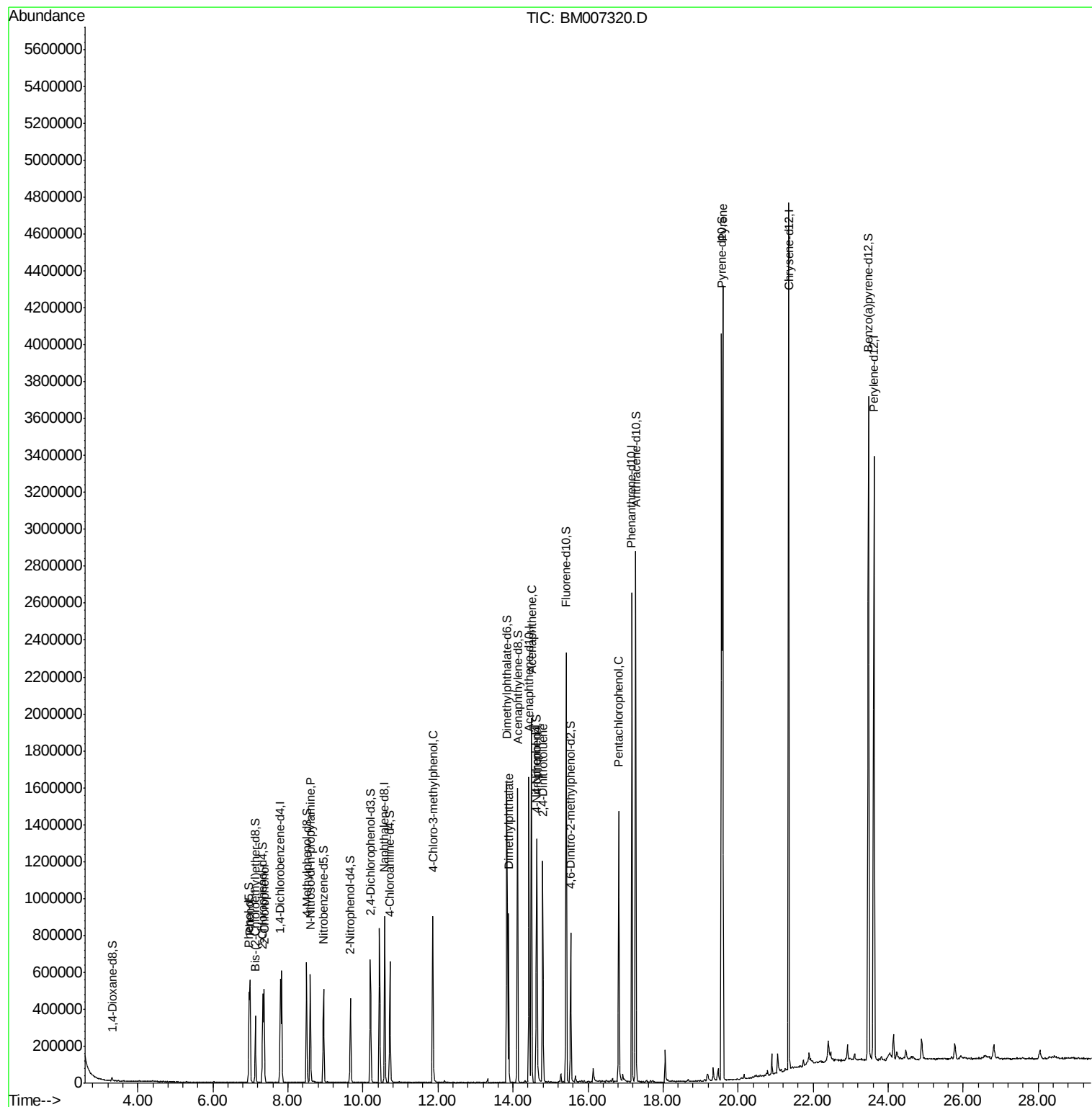
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.99	94	280921	19.83	ng/ul	94
10) 2-Chlorophenol	7.36	128	204432	19.77	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	217048	22.35	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	316878	21.03	ng/ul	93
44) Dimethylphthalate	13.88	163	547961	11.92	ng/ul	99
49) Acenaphthene	14.49	153	787243	21.99	ng/ul	99
52) 4-Nitrophenol	14.64	109	213234	23.01	ng/ul	85
54) 2,4-Dinitrotoluene	14.79	165	320004	22.23	ng/ul	96
68) Pentachlorophenol	16.82	266	256249	20.94	ng/ul	99
77) Pyrene	19.59	202	2660650	21.59	ng/ul	95

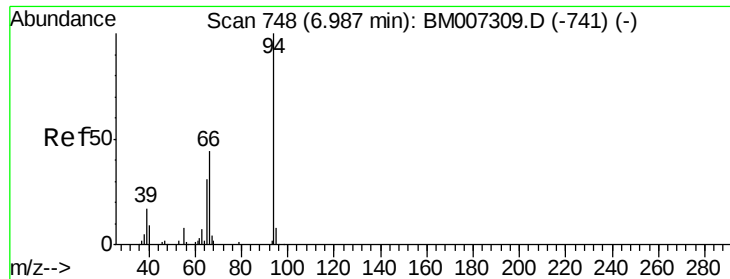
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 19.83 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

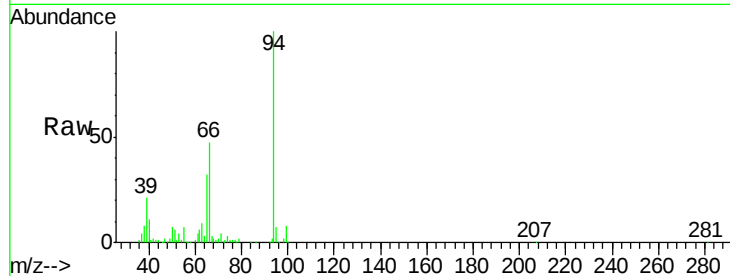
Tgt Ion: 94 Resp: 280921

Ion Ratio Lower Upper

94 100

65 31.7 23.9 35.9

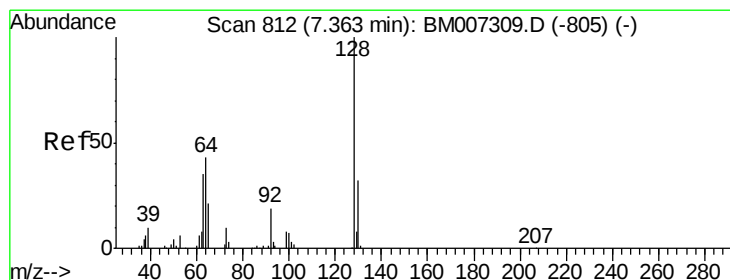
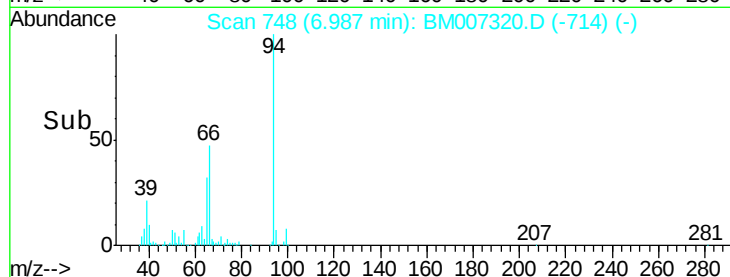
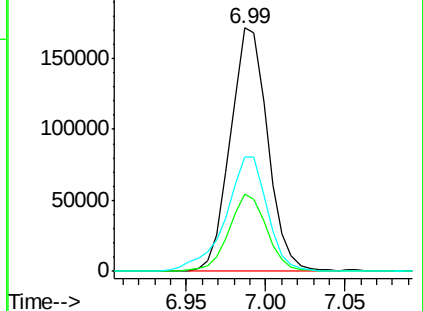
66 46.7 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007320.D (-714) (-)

Ion 65.00 (64.70 to 65.70): BM007320.D (-714) (-)

Ion 66.00 (65.70 to 66.70): BM007320.D (-714) (-)



#10

2-Chlorophenol

Concen: 19.77 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

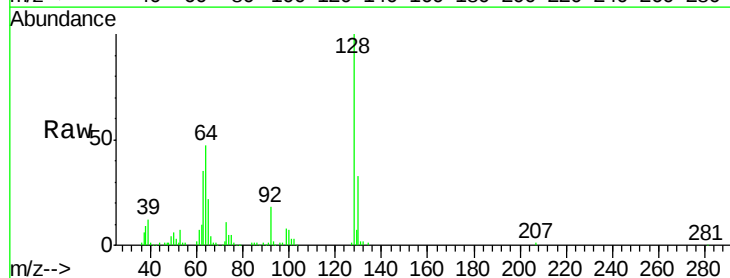
Tgt Ion: 128 Resp: 204432

Ion Ratio Lower Upper

128 100

64 47.4 37.5 56.3

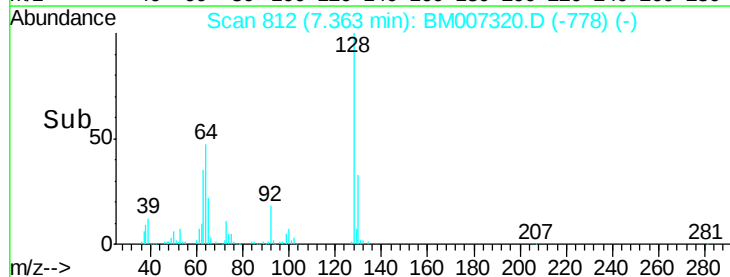
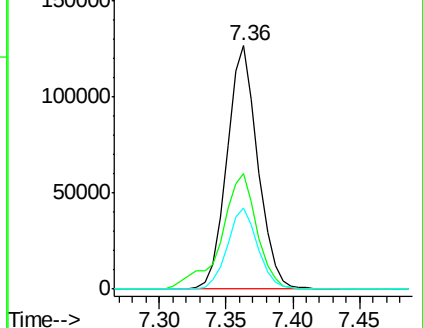
130 33.4 25.0 37.4

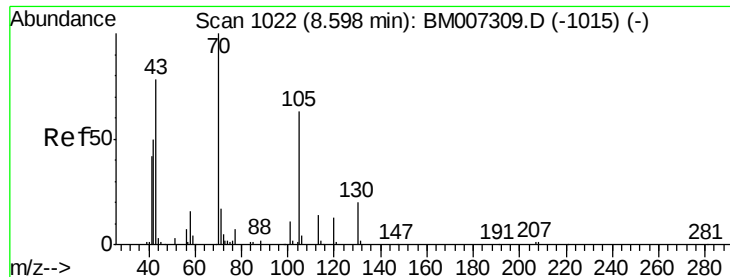


Abundance Ion 128.00 (127.70 to 128.70): BM007320.D (-778) (-)

Ion 64.00 (63.70 to 64.70): BM007320.D (-778) (-)

Ion 130.00 (129.70 to 130.70): BM007320.D (-778) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.35 ng/ul

RT: 8.59 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

Tgt Ion: 70 Resp: 217048

Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.4	65.2
101	10.1	7.8	11.6
130	21.2	16.2	24.4

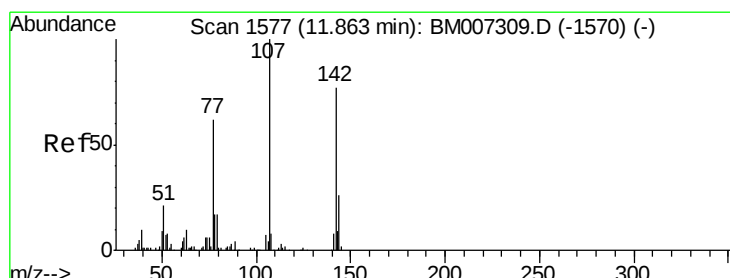
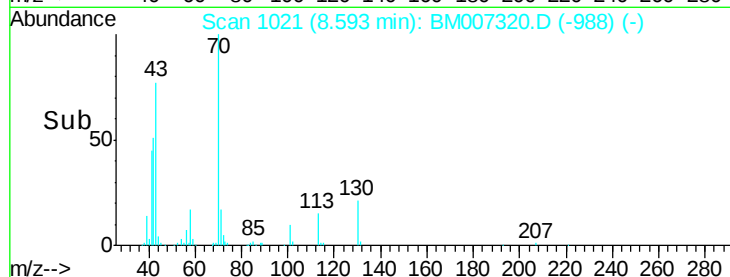
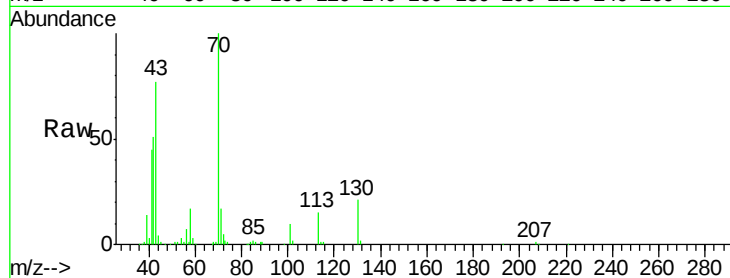
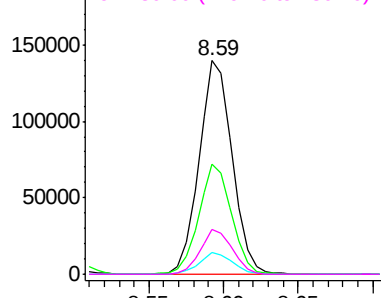
Abundance

Ion 70.00 (69.70 to 70.70): BM007309.D (-1015) (-)

Ion 42.00 (41.70 to 42.70): BM007309.D (-1015) (-)

Ion 101.00 (100.70 to 101.70): BM007309.D (-1015) (-)

Ion 130.00 (129.70 to 130.70): BM007309.D (-1015) (-)



#33

4-Chloro-3-methylphenol

Concen: 21.03 ng/ul

RT: 11.86 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Tgt Ion: 107 Resp: 316878

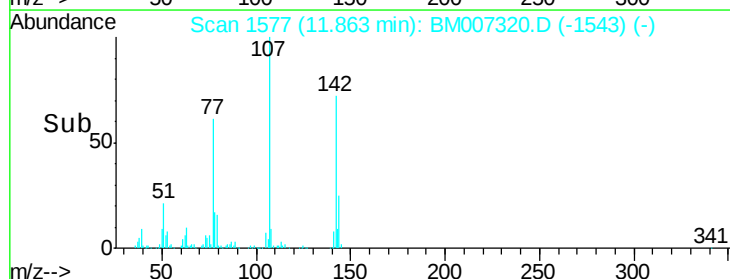
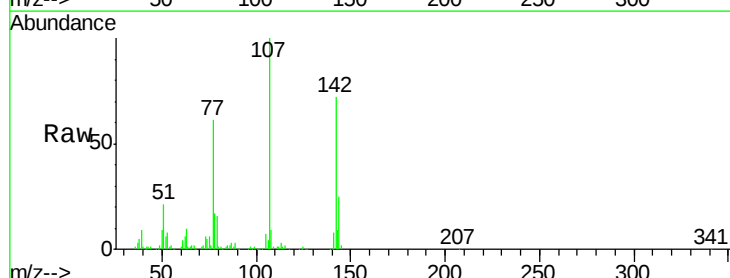
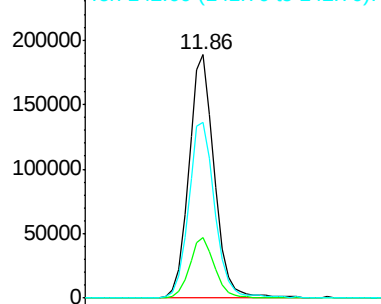
Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.1	31.7
142	72.4	64.1	96.1

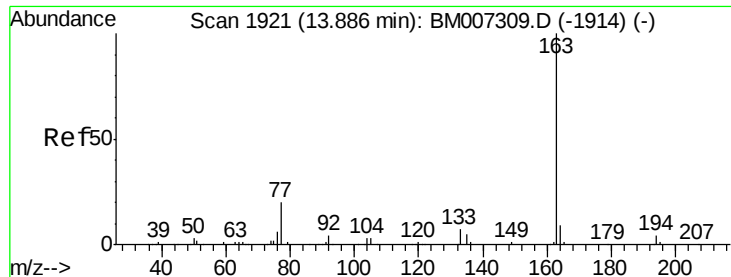
Abundance

Ion 107.00 (106.70 to 107.70): BM007309.D (-1570) (-)

Ion 144.00 (143.70 to 144.70): BM007309.D (-1570) (-)

Ion 142.00 (141.70 to 142.70): BM007309.D (-1570) (-)





#44

Dimethylphthalate

Concen: 11.92 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

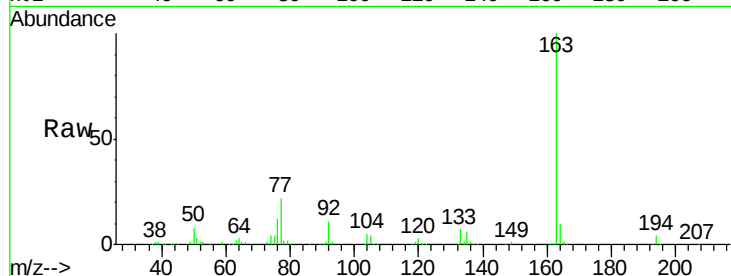
Tgt Ion:163 Resp: 547961

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

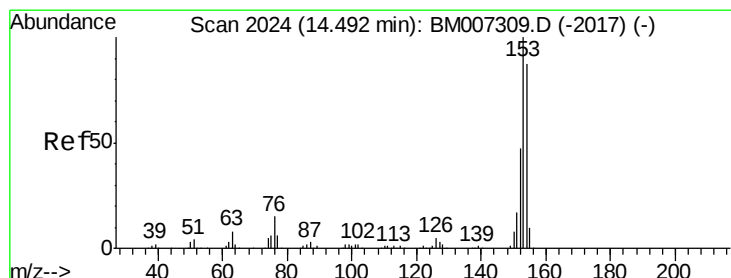
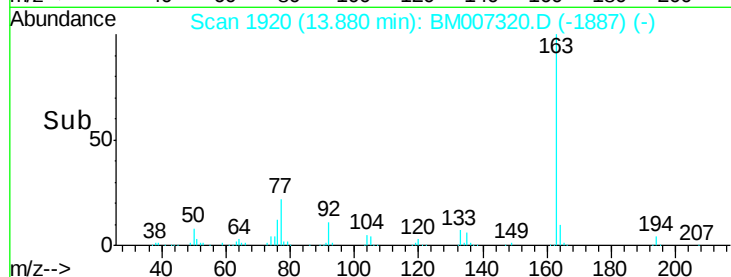
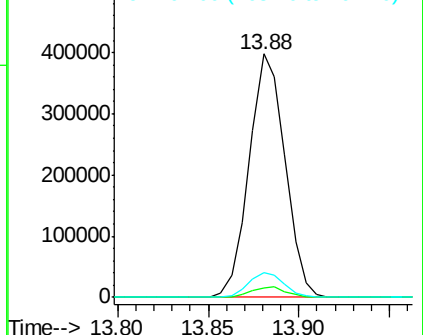
164 10.0 7.8 11.8



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: 21.99 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

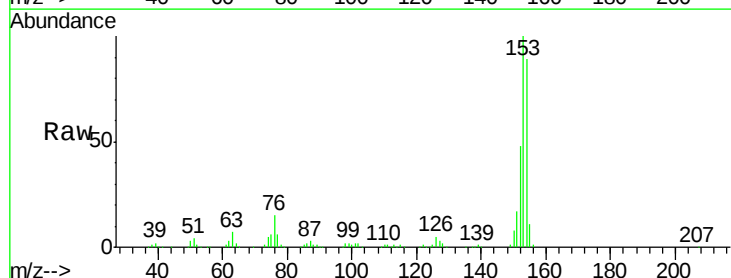
Tgt Ion:153 Resp: 787243

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.6

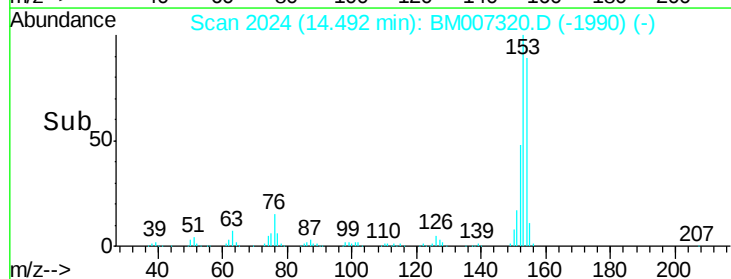
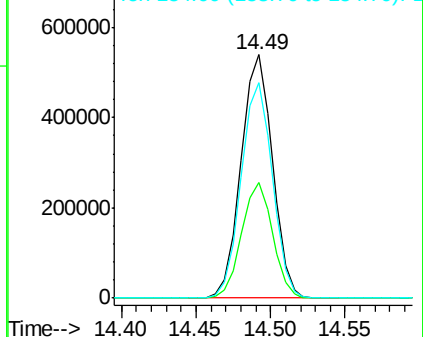
154 88.5 71.4 107.0

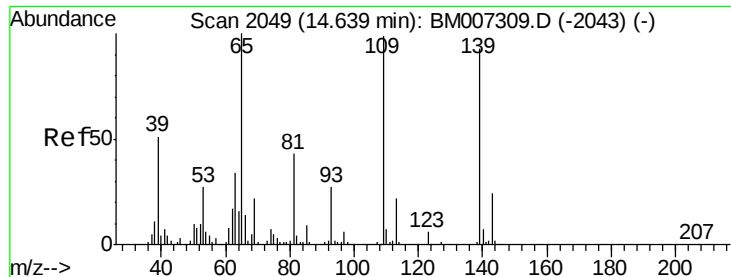


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 23.01 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

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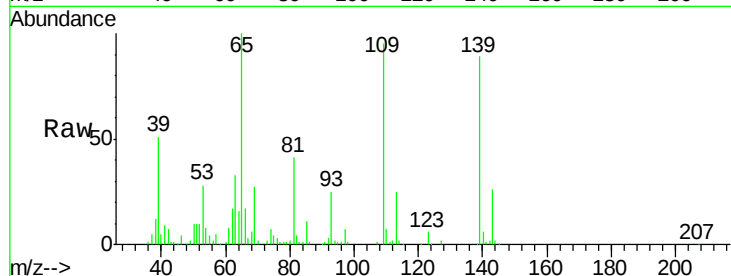
Tgt Ion:109 Resp: 213234

Ion Ratio Lower Upper

109 100

139 93.8 88.7 133.1

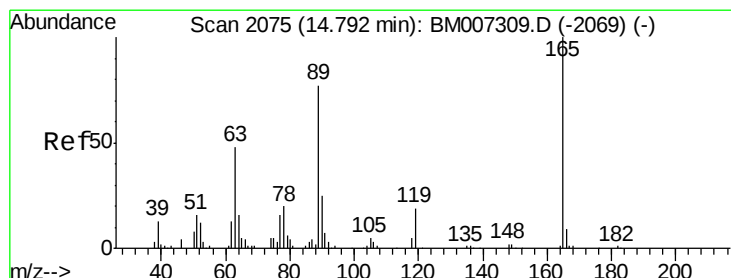
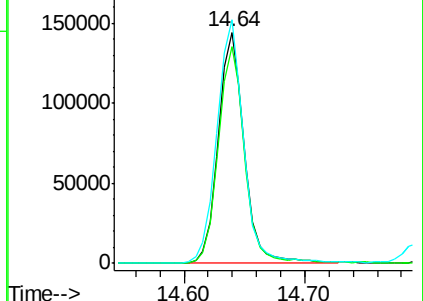
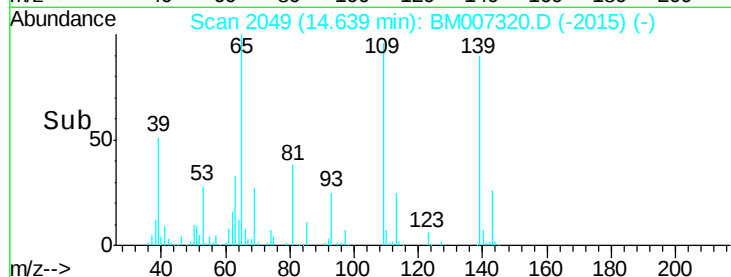
65 105.4 96.4 144.6



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: 22.23 ng/ul

RT: 14.79 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

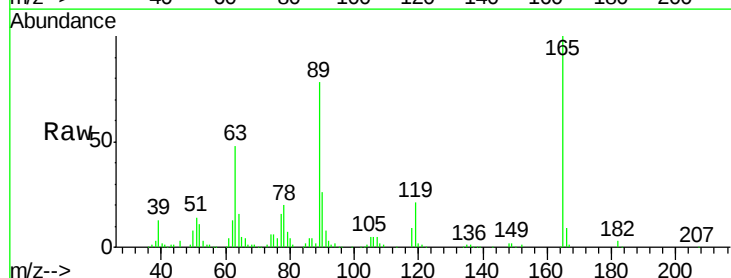
Tgt Ion:165 Resp: 320004

Ion Ratio Lower Upper

165 100

63 47.6 36.2 54.2

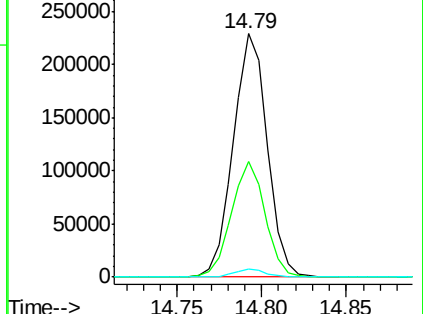
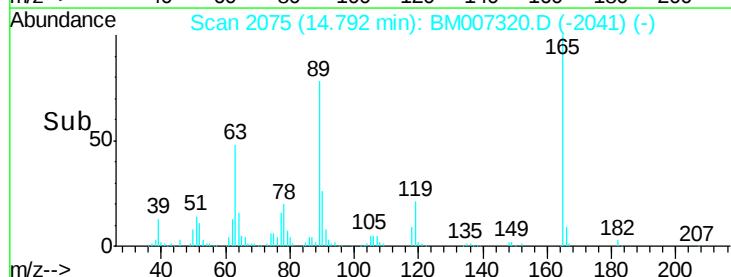
182 3.3 2.2 3.4

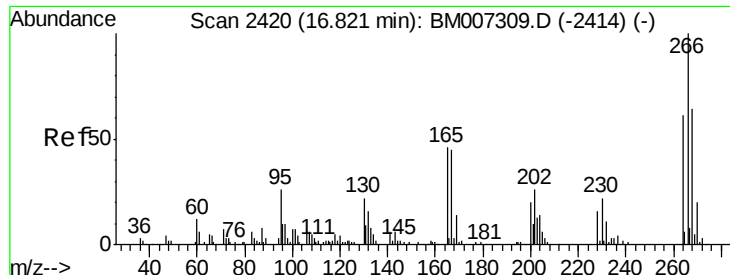


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

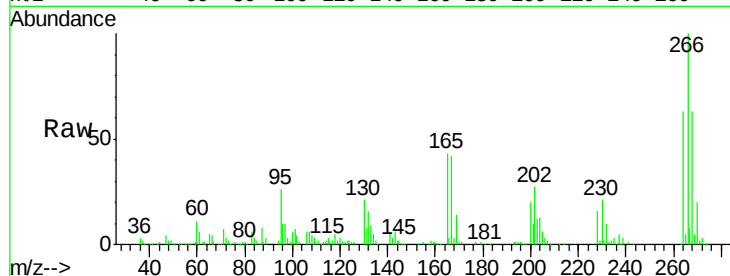




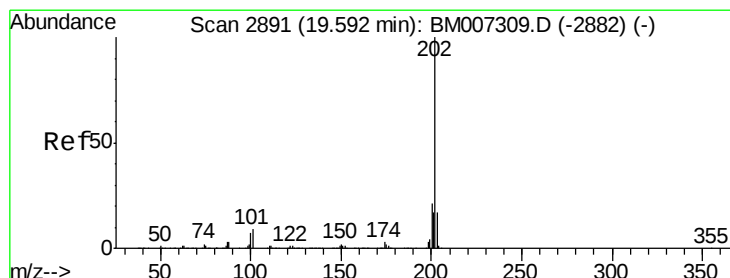
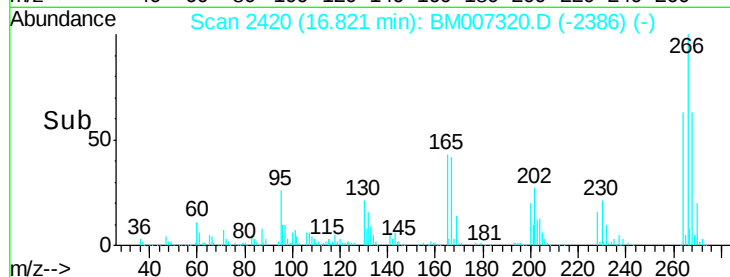
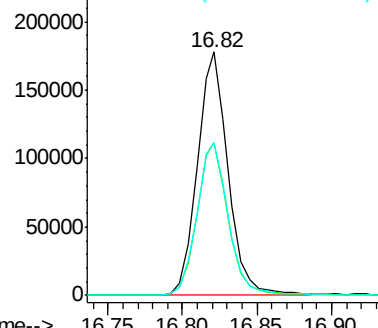
#68
 Pentachlorophenol
 Concen: 20.94 ng/ul
 RT: 16.82 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM007320.D
 Acq: 29 Aug 2016 21:57

Instrument :
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 DA285MS

Tgt Ion:266 Resp: 256249
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.6 75.8
 268 63.0 51.0 76.6

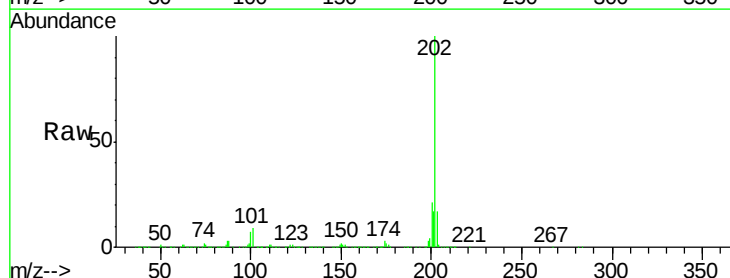


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 21.59 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007320.D
 Acq: 29 Aug 2016 21:57

Tgt Ion:202 Resp: 2660650
 Ion Ratio Lower Upper
 202 100
 101 8.7 8.4 12.6
 100 7.0 6.9 10.3



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

