

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081816\
 Data File : BM007198.D
 Acq On : 18 Aug 2016 02:34
 Operator : UM/SJ
 Sample : H4479-03MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N35MSD

Quant Time: Aug 18 11:03:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 04:01:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	209185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	820028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	475590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1125588	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1511422	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1621325	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	7334	1.53	ng/uL	0.00
5) Phenol-d5	6.97	99	125465	7.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	316185	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	366400	27.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	232440	16.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	212266	35.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	235112	36.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	419989	31.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	33278	2.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1364035	34.71	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1663483	35.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	40022	5.68	ng/ul	0.00
57) Fluorene-d10	15.43	176	1197821	34.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	171808	27.62	ng/ul	0.00
70) Anthracene-d10	17.27	188	1924266	36.90	ng/ul	0.00
76) Pyrene-d10	19.57	212	2302989	36.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2686776	36.23	ng/ul	0.00

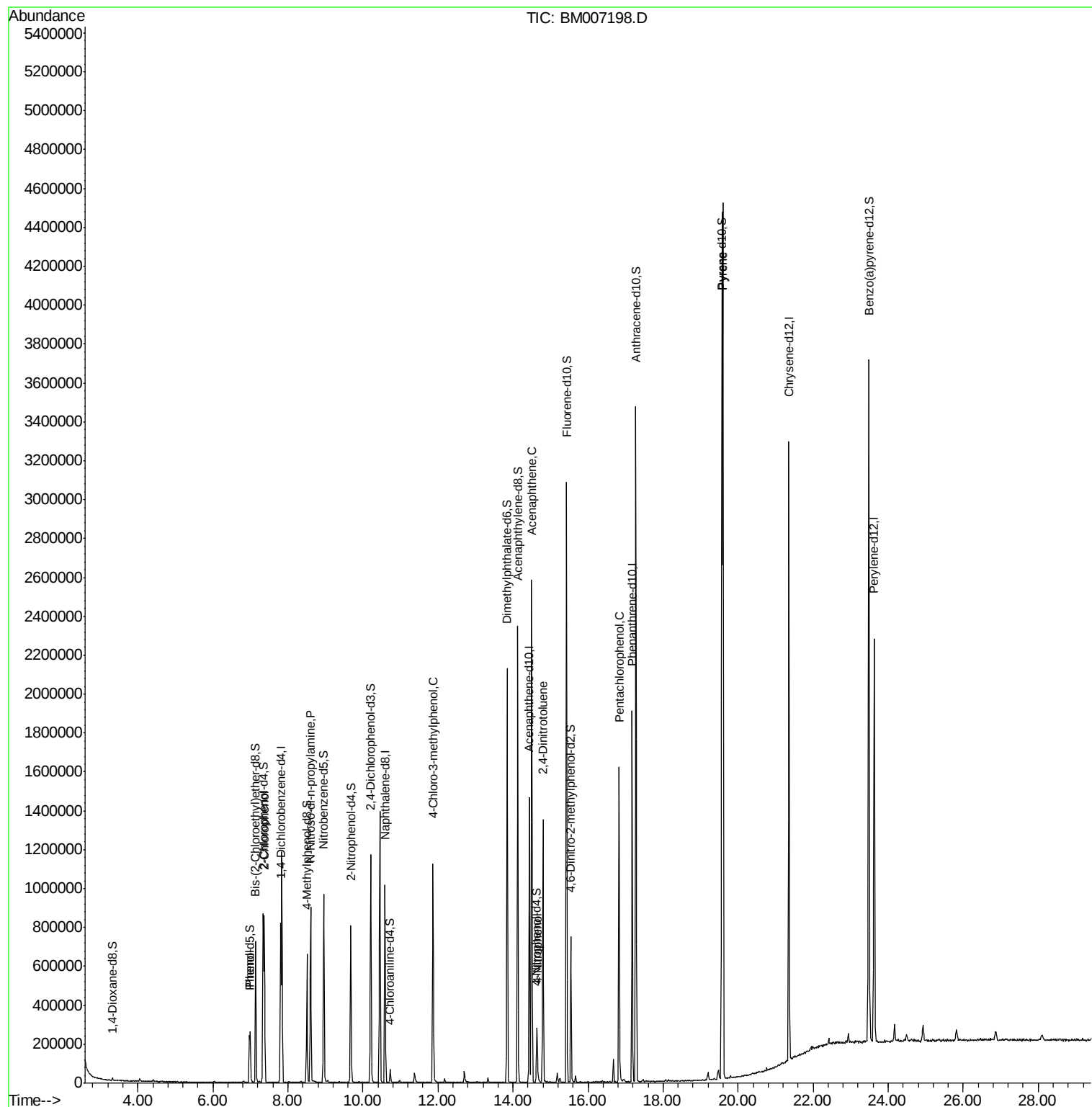
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.00	94	132064	7.40	ng/ul	98
10) 2-Chlorophenol	7.37	128	350779	25.41	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	341079	30.52	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	381139	26.27	ng/ul	96
49) Acenaphthene	14.50	153	1045380	33.14	ng/ul	98
52) 4-Nitrophenol	14.64	109	43736	6.11	ng/ul	90
54) 2,4-Dinitrotoluene	14.80	165	362588	32.19	ng/ul	98
68) Pentachlorophenol	16.83	266	284544	32.07	ng/ul	100
77) Pvrene	19.60	202	2700407	32.32	ng/ul	98

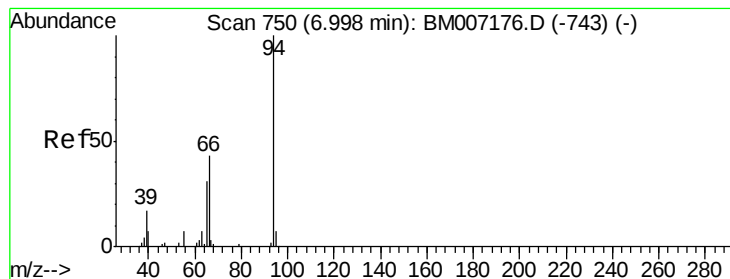
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 17 04:01:43 2016
Response via : Initial Calibration





#6

Phenol

Concen: 7.40 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

Instrument :

BNA_M

ClientSampleId :

E5N35MSD

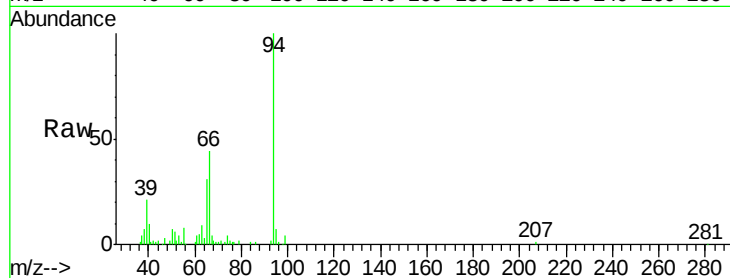
Tot Ion: 94 Resp: 132064

Ion Ratio Lower Upper

94 100

65 30.5 23.9 35.9

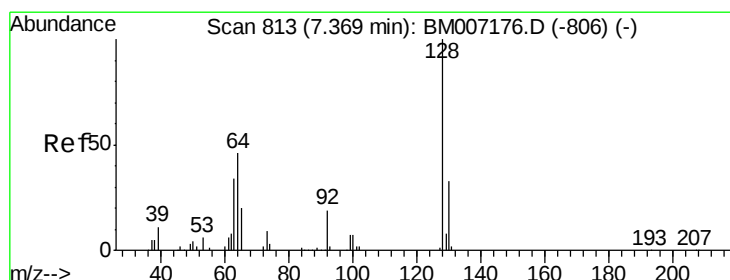
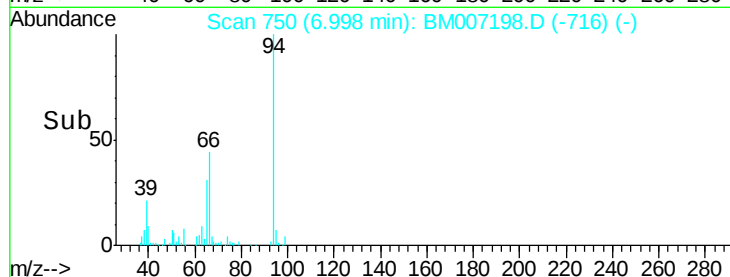
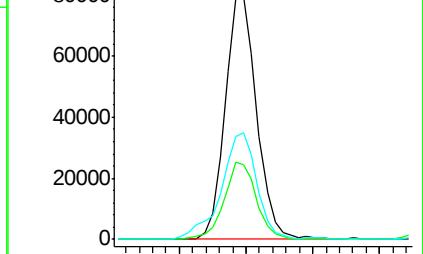
66 43.7 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007176.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007176.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007176.D (-743) (-)



#10

2-Chlorophenol

Concen: 25.41 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

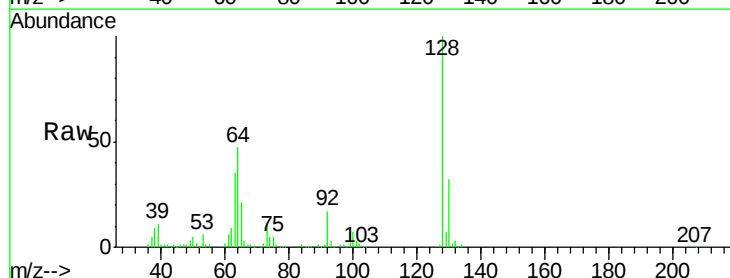
Tgt Ion: 128 Resp: 350779

Ion Ratio Lower Upper

128 100

64 47.4 37.5 56.3

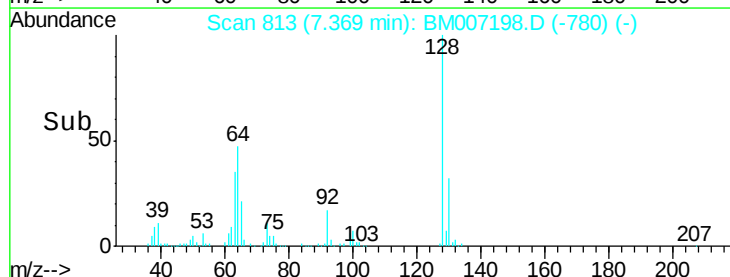
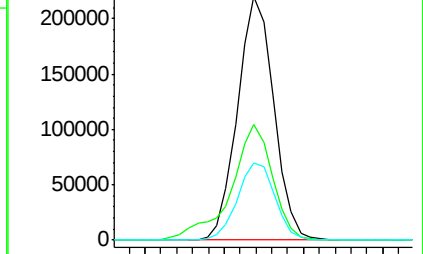
130 31.8 25.0 37.4

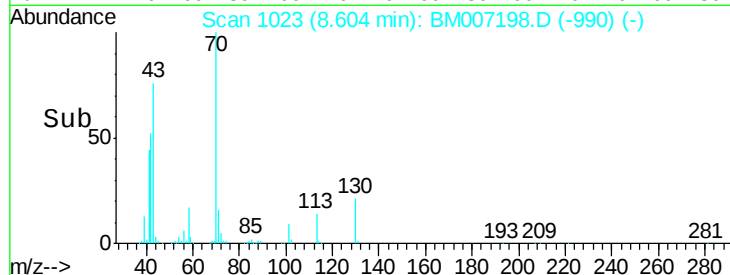
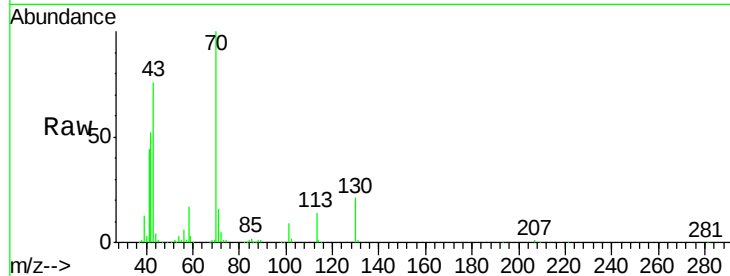
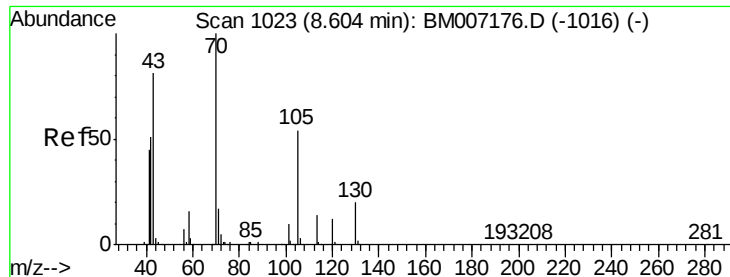


Abundance Ion 128.00 (127.70 to 128.70): BM007176.D (-806) (-)

Ion 64.00 (63.70 to 64.70): BM007176.D (-806) (-)

Ion 130.00 (129.70 to 130.70): BM007176.D (-806) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.52 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

Instrument :

BNA_M

ClientSampleId :

E5N35MSD

Tot Ion: 70 Resp: 341079

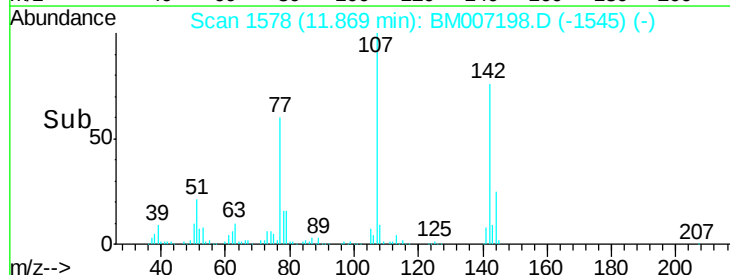
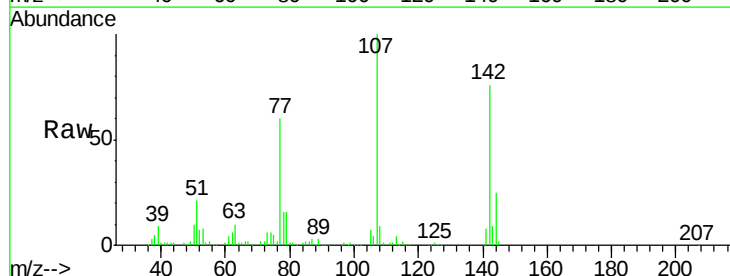
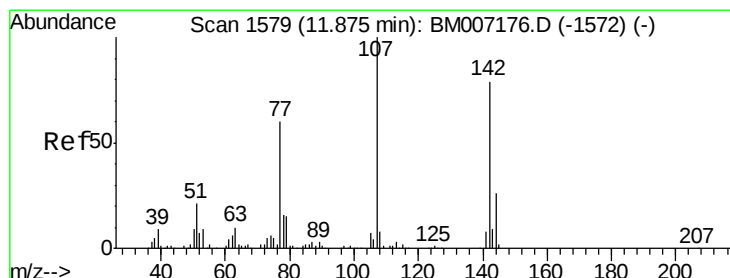
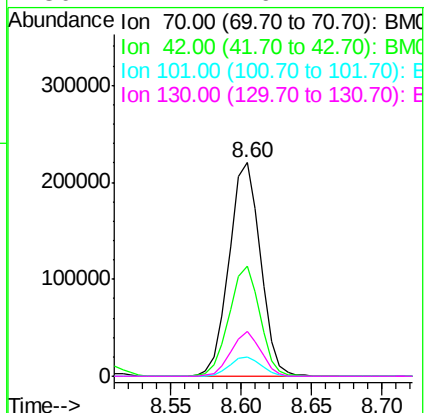
Ion Ratio Lower Upper

70 100

42 51.6 43.4 65.2

101 8.9 7.8 11.6

130 21.1 16.2 24.4



#33

4-Chloro-3-methylphenol

Concen: 26.27 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

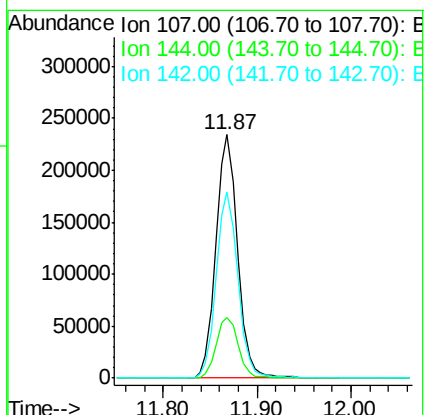
Tgt Ion: 107 Resp: 381139

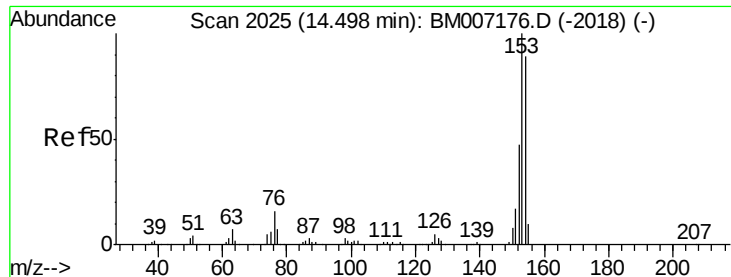
Ion Ratio Lower Upper

107 100

144 25.0 21.1 31.7

142 76.4 64.1 96.1





#49

Acenaphthene

Concen: 33.14 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

Instrument :

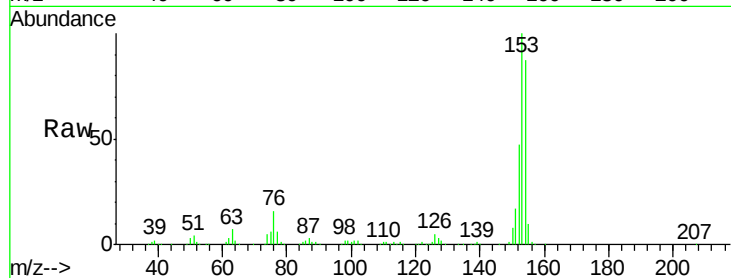
BNA_M

ClientSampleId :

E5N35MSD

Tot Ion:153 Resp: 1045380

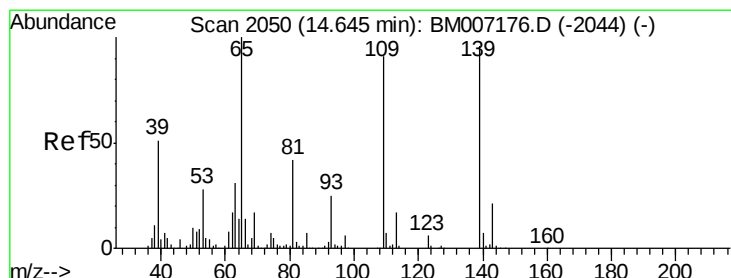
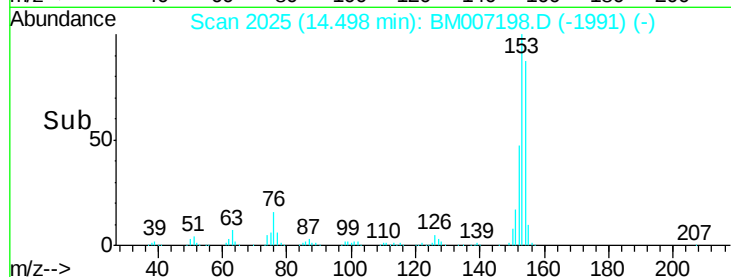
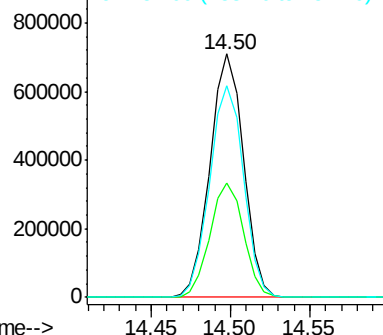
Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	86.7	71.4	107.0



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: 6.11 ng/ul

RT: 14.64 min Scan# 2050

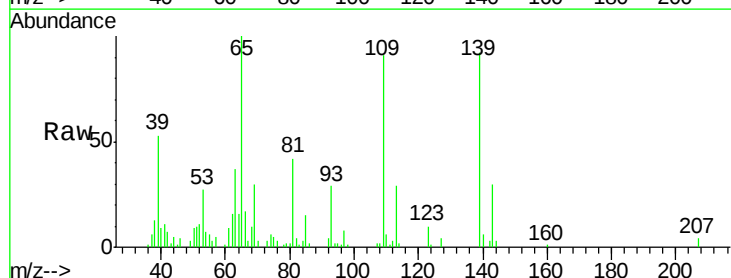
Delta R.T. -0.00 min

Lab File: BM007198.D

Acq: 18 Aug 2016 02:34

Tgt Ion:109 Resp: 43736

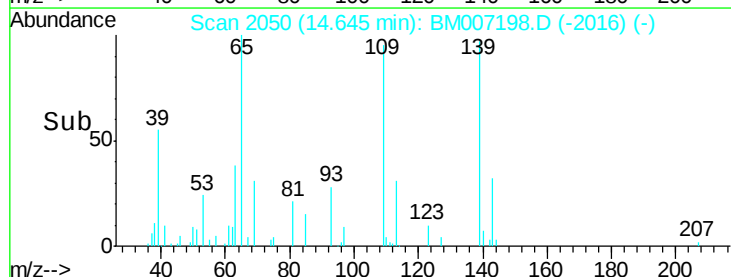
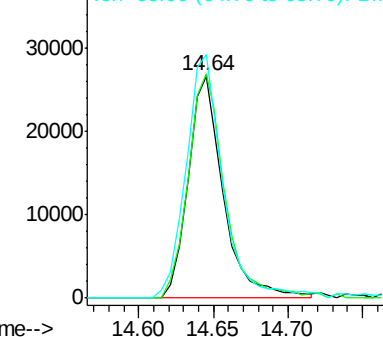
Ion	Ratio	Lower	Upper
109	100		
139	100.8	88.7	133.1
65	109.6	96.4	144.6

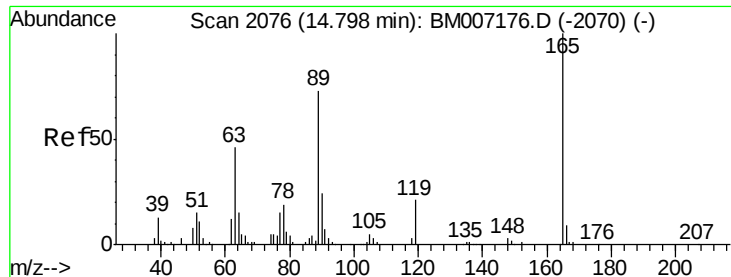


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

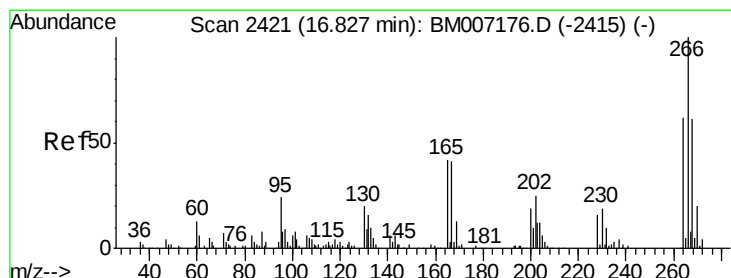
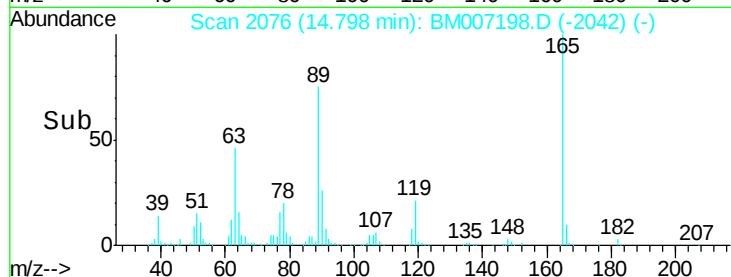
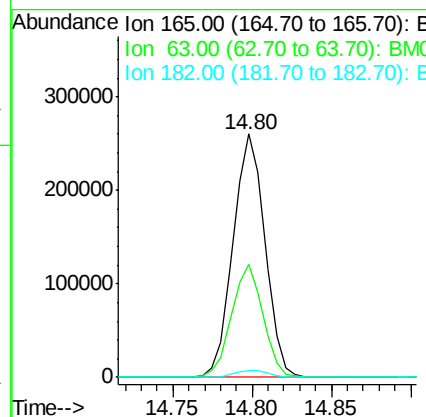
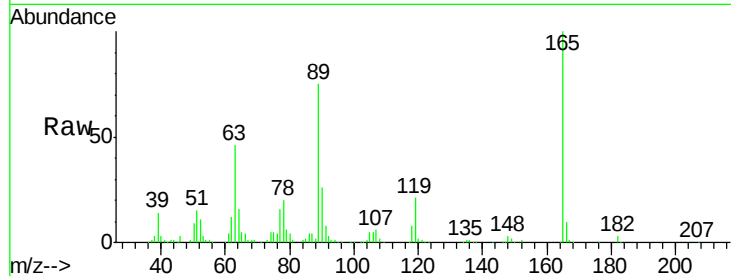




#54
 2,4-Dinitrotoluene
 Concen: 32.19 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007198.D
 Acq: 18 Aug 2016 02:34

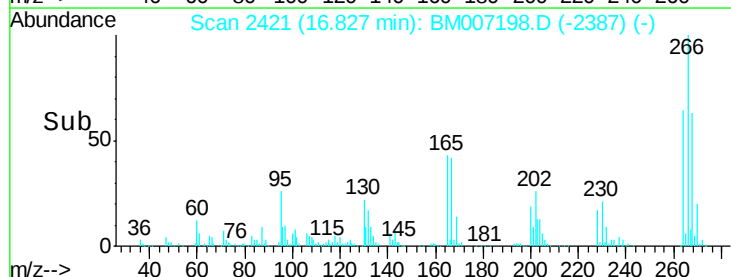
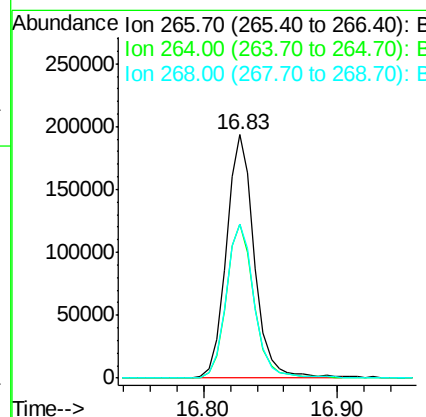
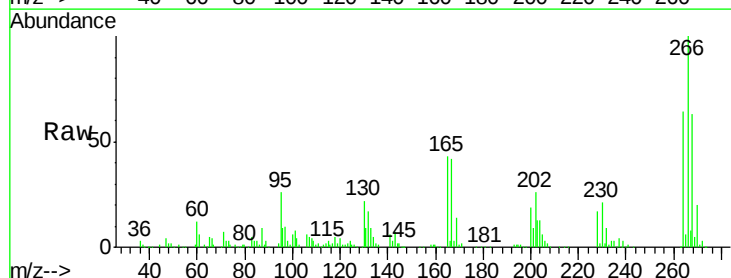
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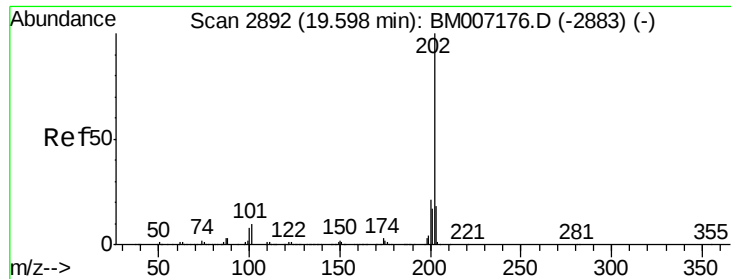
Tot Ion:165 Resp: 362588
 Ion Ratio Lower Upper
 165 100
 63 46.4 36.2 54.2
 182 2.6 2.2 3.4



#68
 Pentachlorophenol
 Concen: 32.07 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007198.D
 Acq: 18 Aug 2016 02:34

Tgt Ion:266 Resp: 284544
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.6 75.8
 268 63.5 51.0 76.6

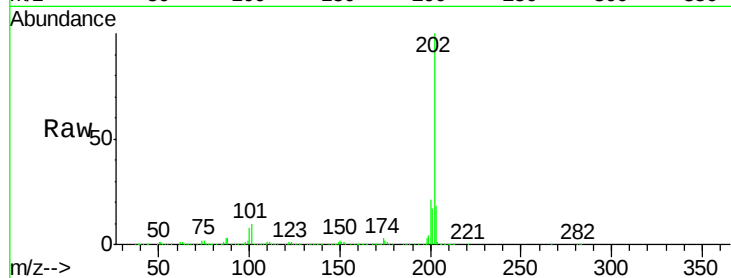




#77
 Pvrene
 Concen: 32.32 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BM007198.D
 Acq: 18 Aug 2016 02:34

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.4	12.6
100	7.9	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

