

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
 Data File : BM007534.D
 Acq On : 23 Sep 2016 21:37
 Operator : UM/SJ
 Sample : H4855-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9005MSD

Quant Time: Sep 24 02:25:04 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 02:24:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	259902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1251079	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	872737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2304076	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	3308517	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	3407939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6245	1.18	ng/uL	0.00
5) Phenol-d5	6.96	99	122552	5.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	299530	24.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	331441	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	247371	12.56	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	226590	25.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	265425	26.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	447983	22.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	75767	3.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1889624	29.77	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2139511	29.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	67922	6.06	ng/ul	0.00
57) Fluorene-d10	15.41	176	1623718	29.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	341948	24.32	ng/ul	0.00
70) Anthracene-d10	17.26	188	2726693	25.75	ng/ul	0.00
76) Pyrene-d10	19.55	212	3483432	26.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3899758	25.86	ng/ul	0.00

Target Compounds

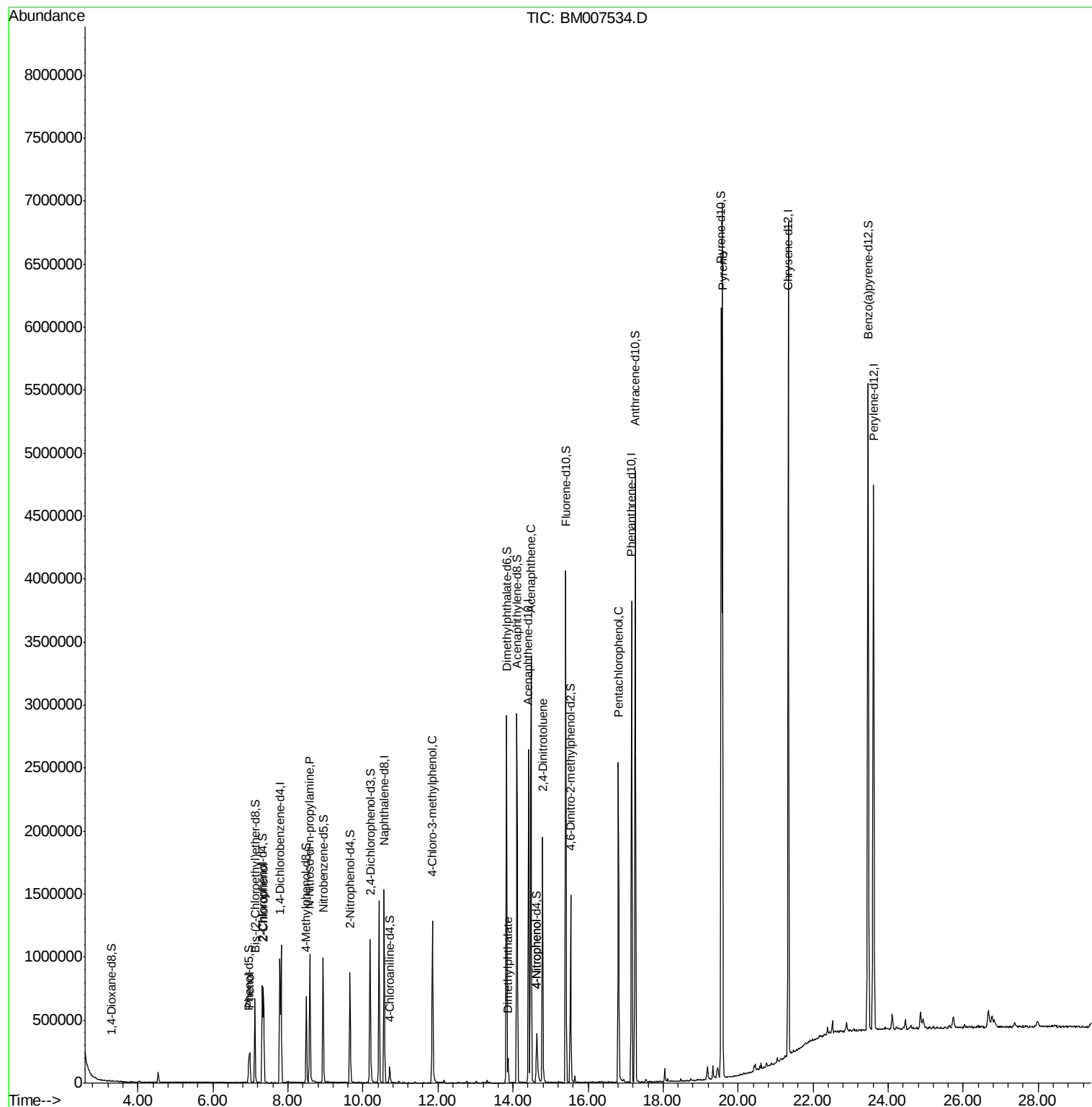
						Ovalue
6) Phenol	6.98	94	128678	5.50	ng/ul	92
10) 2-Chlorophenol	7.35	128	325192	19.36	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.59	70	398656	26.18	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	503500	20.73	ng/ul	94
44) Dimethylphthalate	13.87	163	121482	1.97	ng/ul	98
49) Acenaphthene	14.48	153	1385162	27.55	ng/ul	99
52) 4-Nitrophenol	14.64	109	75719	6.49	ng/ul	88
54) 2,4-Dinitrotoluene	14.79	165	555726	29.50	ng/ul	98
68) Pentachlorophenol	16.81	266	452019	25.52	ng/ul	98
77) Pyrene	19.58	202	4148749	25.56	ng/ul	98

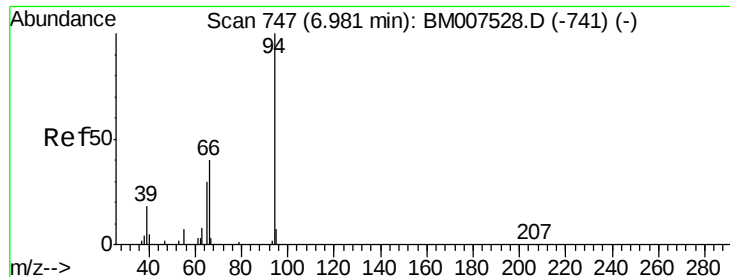
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 02:24:23 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.50 ng/ul

RT: 6.98 min Scan# 747

Delta R.T. -0.00 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

Instrument :

BNA_M

ClientSampleId :

H9005MSD

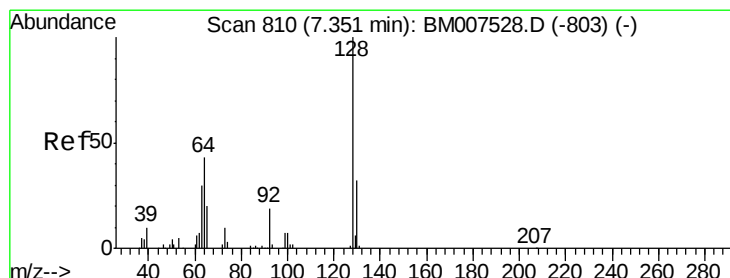
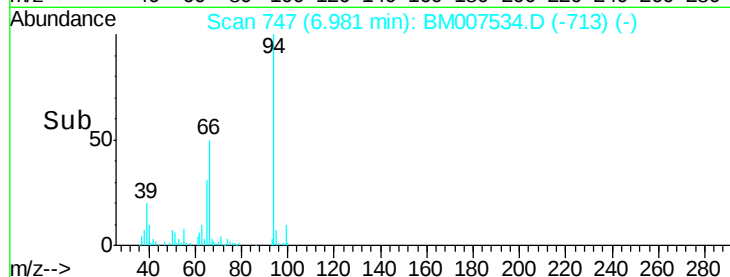
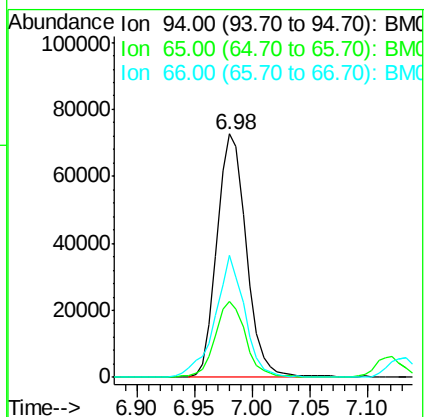
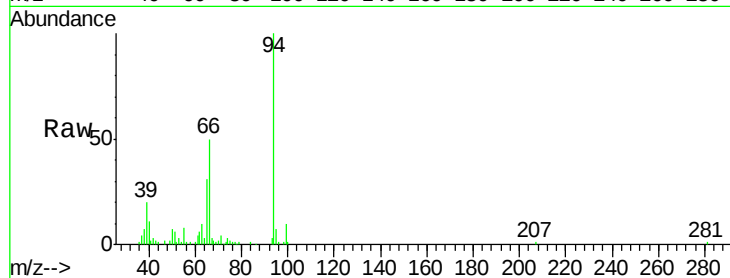
Tot Ion: 94 Resp: 128678

Ion Ratio Lower Upper

94 100

65 31.1 23.9 35.9

66 50.1 33.5 50.3



#10

2-Chlorophenol

Concen: 19.36 ng/ul

RT: 7.35 min Scan# 810

Delta R.T. -0.00 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

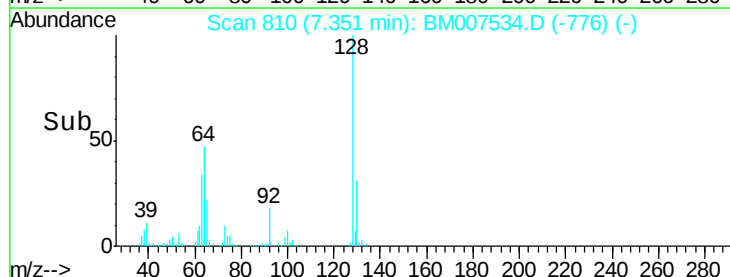
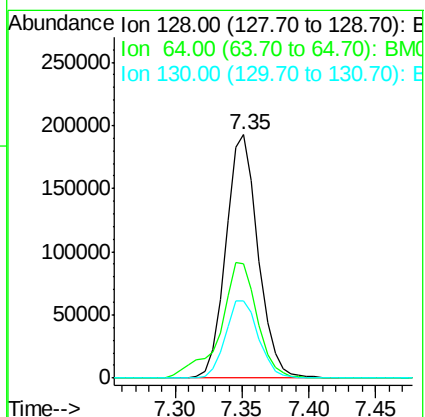
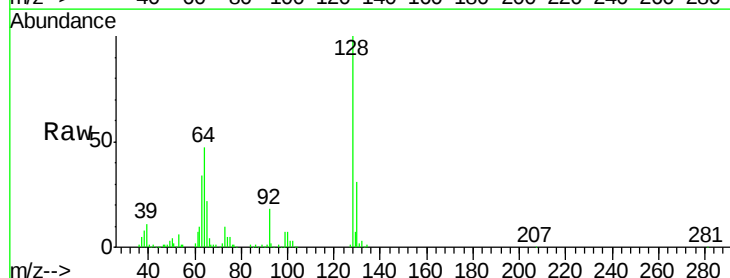
Tgt Ion: 128 Resp: 325192

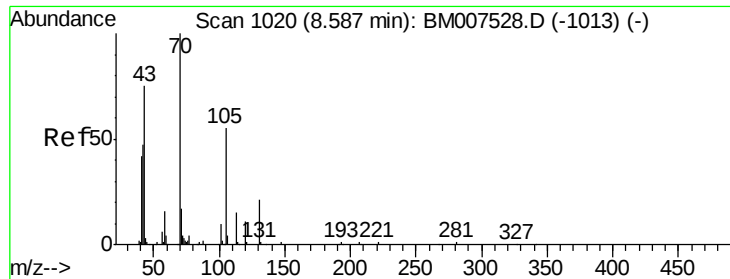
Ion Ratio Lower Upper

128 100

64 47.2 37.5 56.3

130 31.5 25.0 37.4

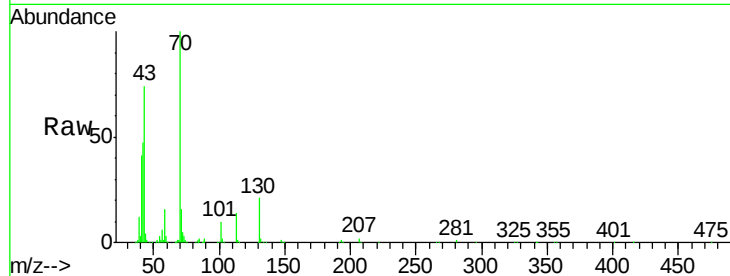




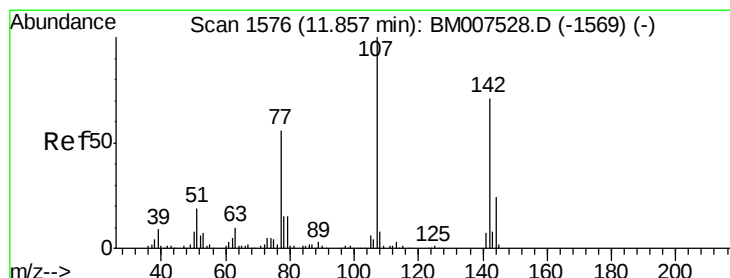
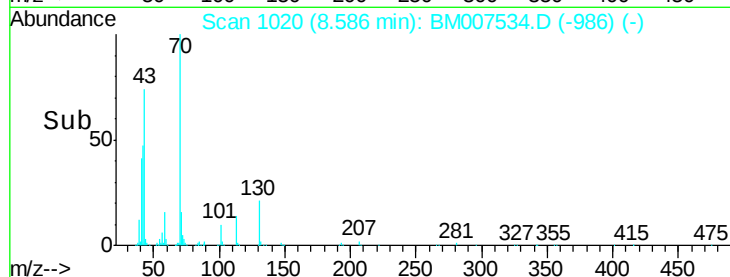
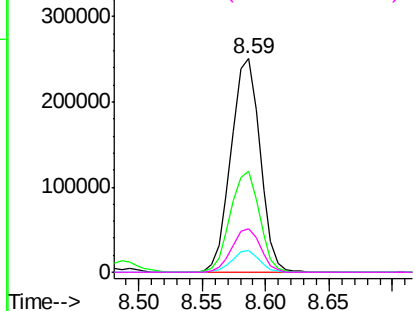
#15
N-Nitroso-di-n-propylamine
Concen: 26.18 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM007534.D
Acq: 23 Sep 2016 21:37

Instrument :
BNA_M
ClientSampleId :
H9005MSD

Tot Ion:	70	Resp:	398656
Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.4	65.2
101	10.0	7.8	11.6
130	20.7	16.2	24.4

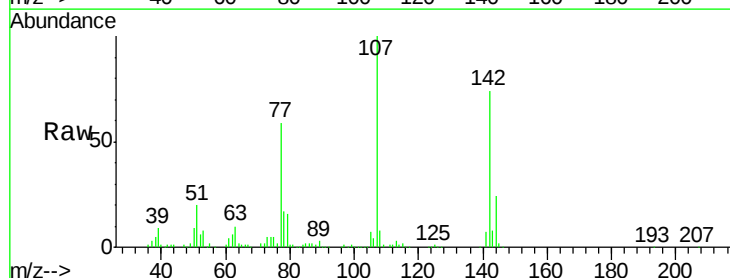


Abundance Ion 70.00 (69.70 to 70.70): BM007528.D (-1013) (-)
Ion 42.00 (41.70 to 42.70): BM007528.D (-1013) (-)
Ion 101.00 (100.70 to 101.70): BM007528.D (-1013) (-)
Ion 130.00 (129.70 to 130.70): BM007528.D (-1013) (-)

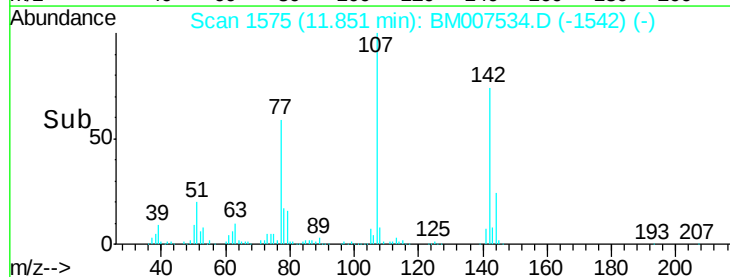
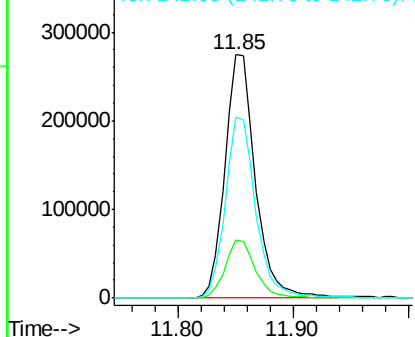


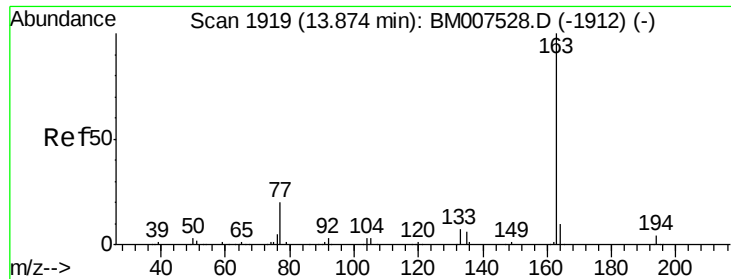
#33
4-Chloro-3-methylphenol
Concen: 20.73 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM007534.D
Acq: 23 Sep 2016 21:37

Tgt Ion:	107	Resp:	503500
Ion	Ratio	Lower	Upper
107	100		
144	23.7	21.1	31.7
142	74.2	64.1	96.1



Abundance Ion 107.00 (106.70 to 107.70): BM007528.D (-1569) (-)
Ion 144.00 (143.70 to 144.70): BM007528.D (-1569) (-)
Ion 142.00 (141.70 to 142.70): BM007528.D (-1569) (-)

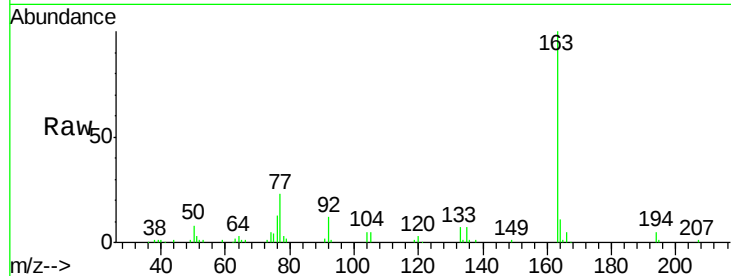




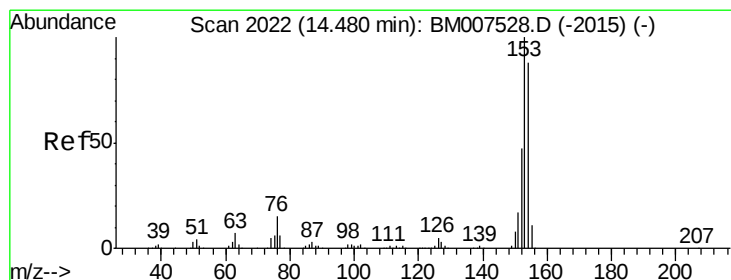
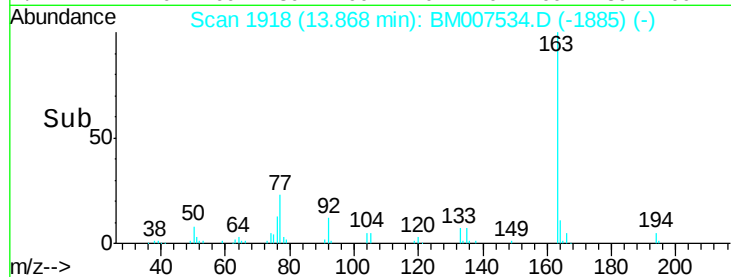
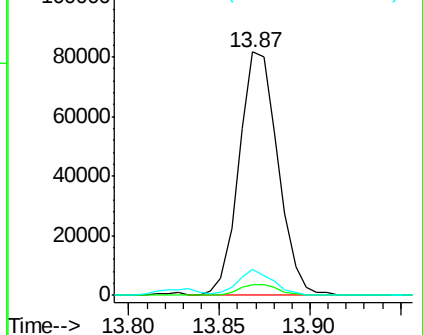
#44
Dimethylphthalate
Concen: 1.97 ng/ul
RT: 13.87 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM007534.D
Acq: 23 Sep 2016 21:37

Instrument :
BNA_M
ClientSampled :
H9005MSD

Tot Ion:163 Resp: 121482
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.8 7.8 11.8

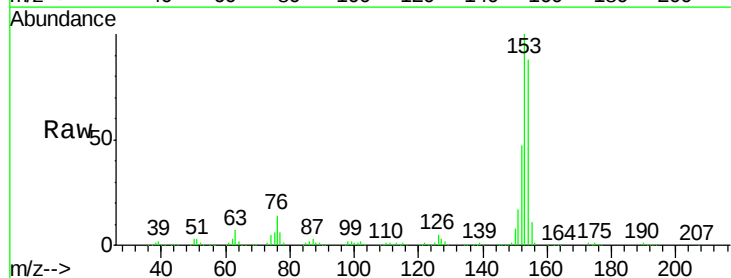


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

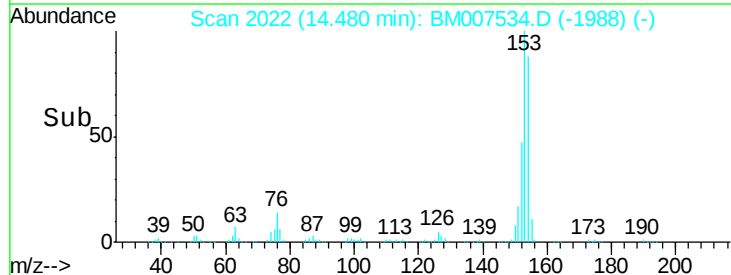
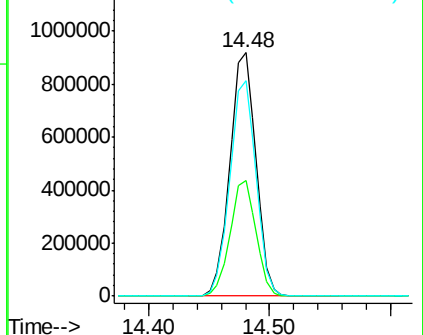


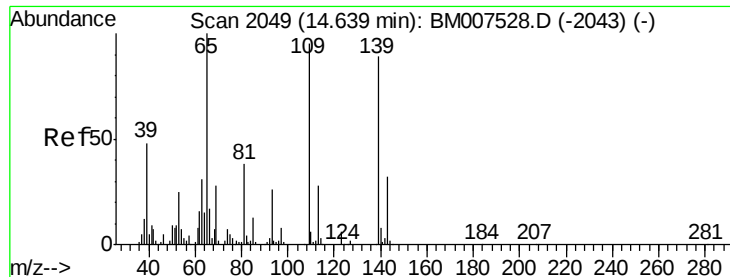
#49
Acenaphthene
Concen: 27.55 ng/ul
RT: 14.48 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BM007534.D
Acq: 23 Sep 2016 21:37

Tgt Ion:153 Resp: 1385162
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.6
154 88.4 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: 6.49 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

Instrument :

BNA_M

ClientSampleId :

H9005MSD

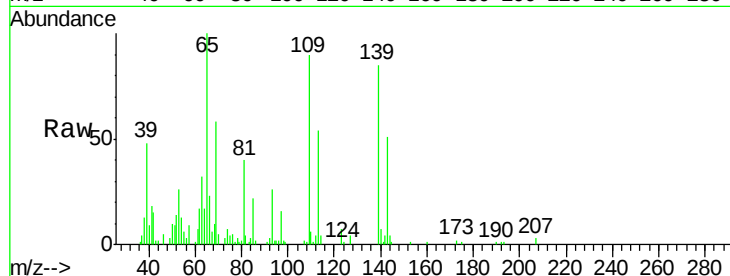
Tot Ion:109 Resp: 75719

Ion Ratio Lower Upper

109 100

139 94.4 88.7 133.1

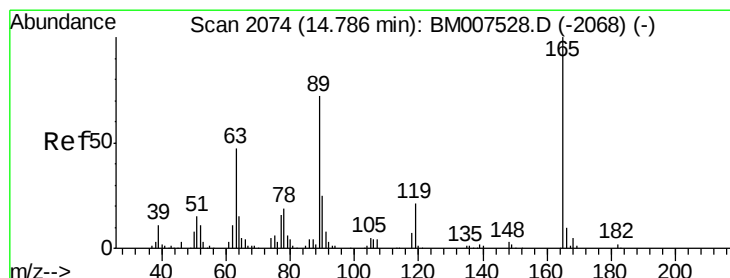
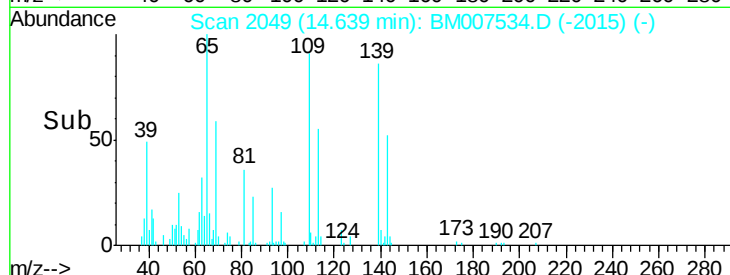
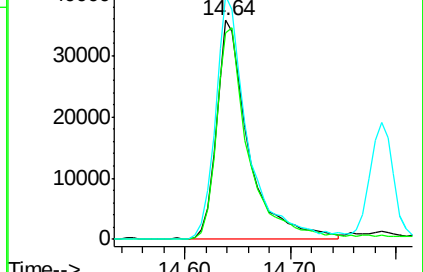
65 111.3 96.4 144.6



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: 29.50 ng/ul

RT: 14.79 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

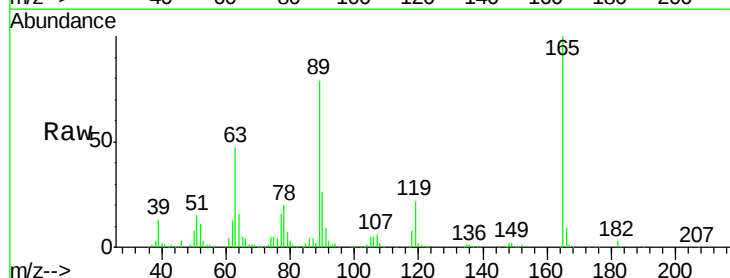
Tgt Ion:165 Resp: 555726

Ion Ratio Lower Upper

165 100

63 46.8 36.2 54.2

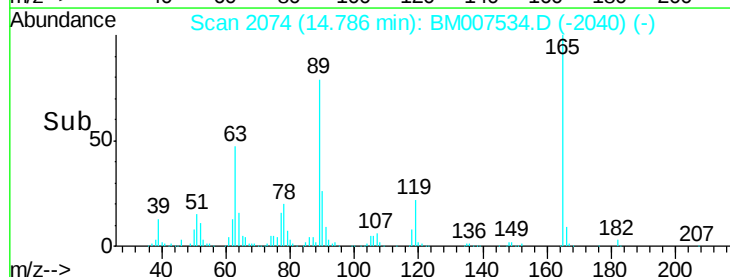
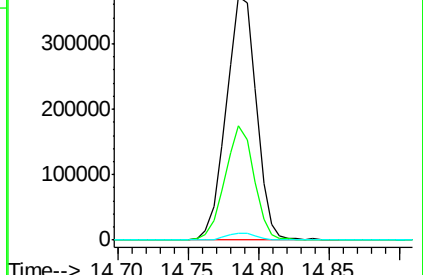
182 3.0 2.2 3.4

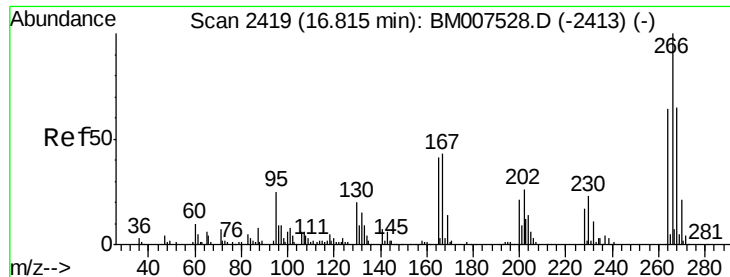


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 25.52 ng/ul

RT: 16.81 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

Instrument :

BNA_M

ClientSampleId :

H9005MSD

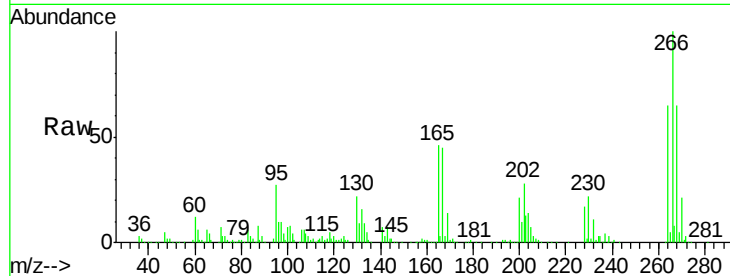
Tot Ion:266 Resp: 452019

Ion Ratio Lower Upper

266 100

264 65.0 50.6 75.8

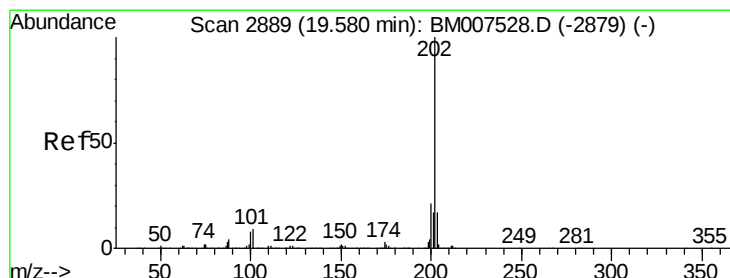
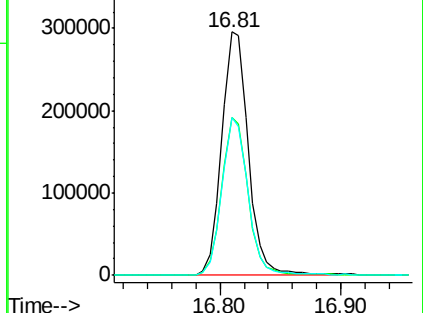
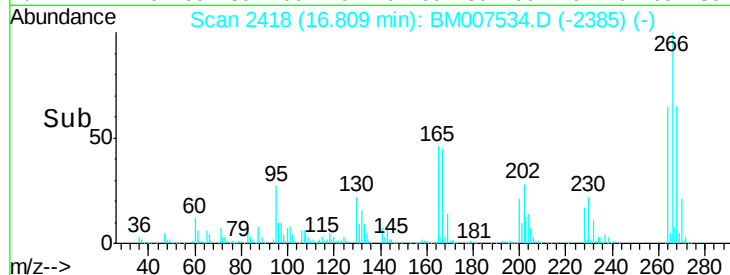
268 65.0 51.0 76.6



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: 25.56 ng/ul

RT: 19.58 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BM007534.D

Acq: 23 Sep 2016 21:37

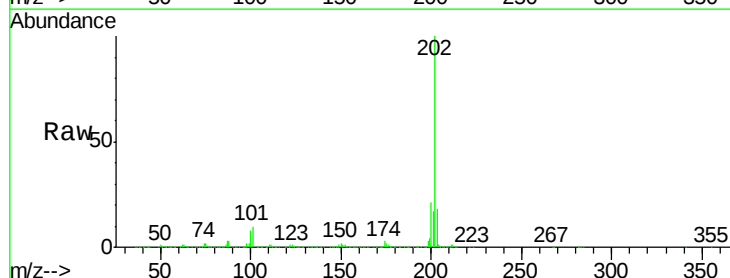
Tgt Ion:202 Resp: 4148749

Ion Ratio Lower Upper

202 100

101 9.8 8.4 12.6

100 8.2 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

