

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081916\
 Data File : BM007227.D
 Acq On : 19 Aug 2016 05:03
 Operator : UM/SJ
 Sample : H4479-10MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 19 09:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	306368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1215443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	702774	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1670924	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2159957	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2245188	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	30918	4.41	ng/uL	0.00
5) Phenol-d5	6.97	99	617102	24.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	362922	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	506597	25.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	502812	24.62	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	237902	26.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	260592	27.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	504659	25.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	648327	27.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1571733	27.07	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1905402	27.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	219084	21.05	ng/ul	0.00
57) Fluorene-d10	15.43	176	1338746	26.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	159087	17.23	ng/ul	0.00
70) Anthracene-d10	17.27	188	2138058	27.62	ng/ul	0.00
76) Pyrene-d10	19.57	212	2602099	28.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2924819	28.48	ng/ul	0.00

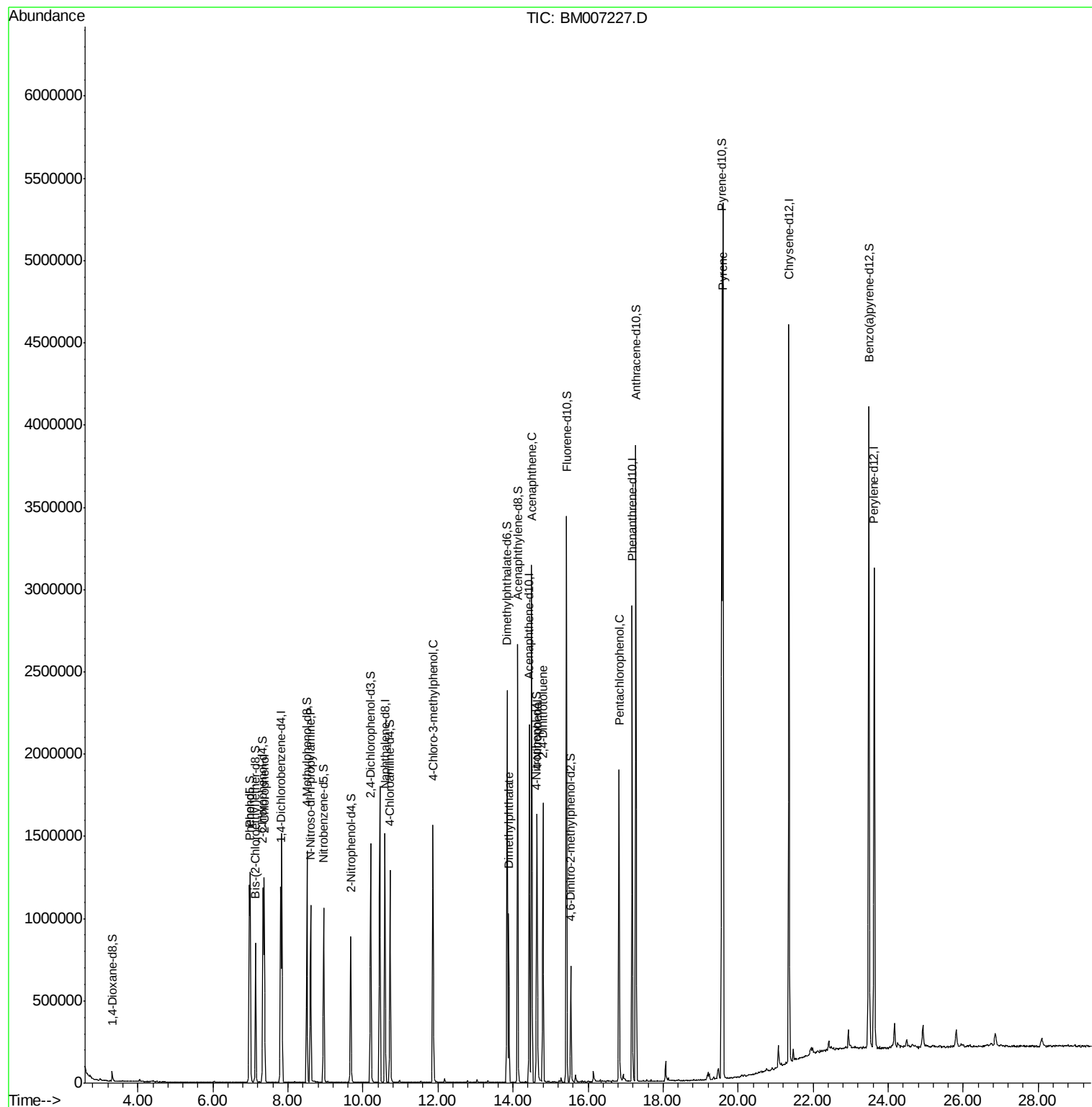
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.99	94	635813	24.32	ng/ul	96
10) 2-Chlorophenol	7.37	128	509051	25.18	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	411824	25.16	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	557380	25.92	ng/ul	93
44) Dimethylphthalate	13.89	163	632884	10.90	ng/ul	98
49) Acenaphthene	14.50	153	1251738	26.85	ng/ul	99
52) 4-Nitrophenol	14.64	109	261406	24.71	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	449285	26.99	ng/ul	98
68) Pentachlorophenol	16.83	266	344390	26.15	ng/ul	99
77) Pyrene	19.60	202	3213627	26.91	ng/ul	97

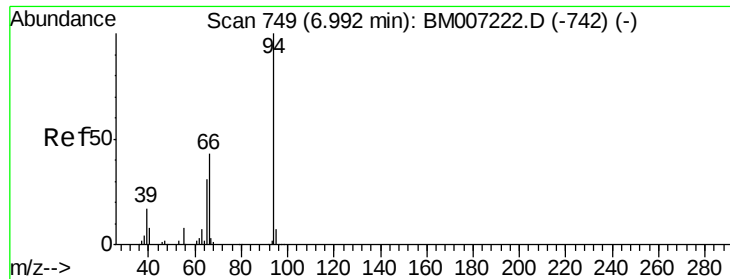
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 24.32 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM007227.D

Acq: 19 Aug 2016 05:03

Instrument :

BNA_M

ClientSampled :

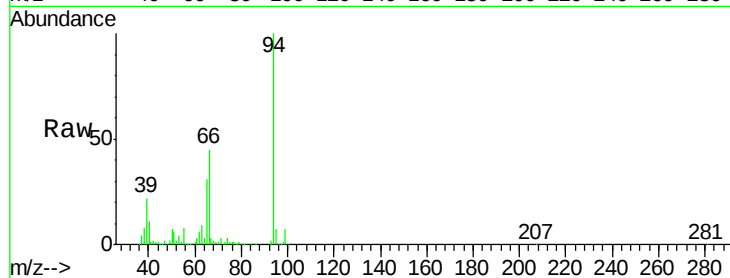
Tot Ion: 94 Resp: 635813

Ion Ratio Lower Upper

94 100

65 31.5 23.9 35.9

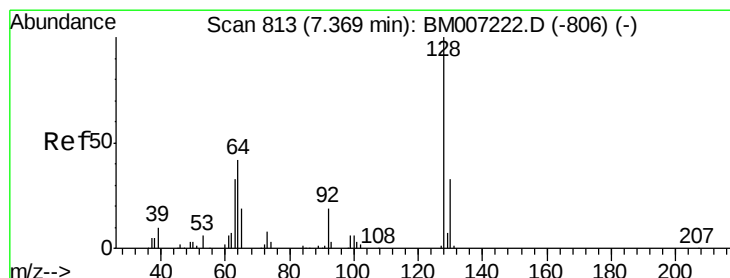
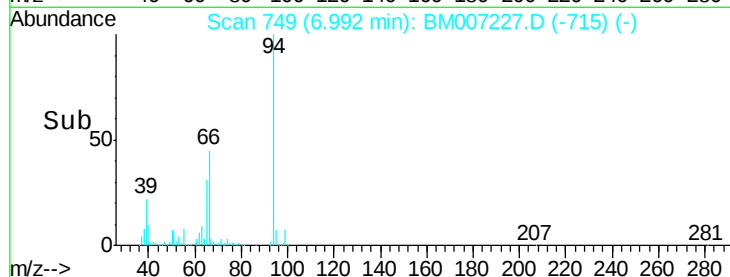
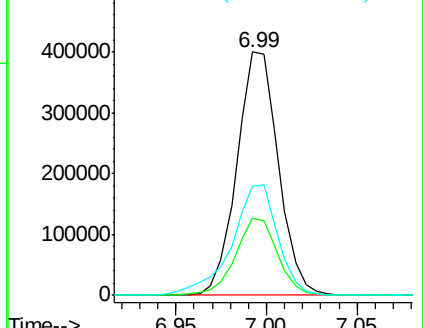
66 44.8 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007227.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007227.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007227.D (-742) (-)



#10

2-Chlorophenol

Concen: 25.18 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007227.D

Acq: 19 Aug 2016 05:03

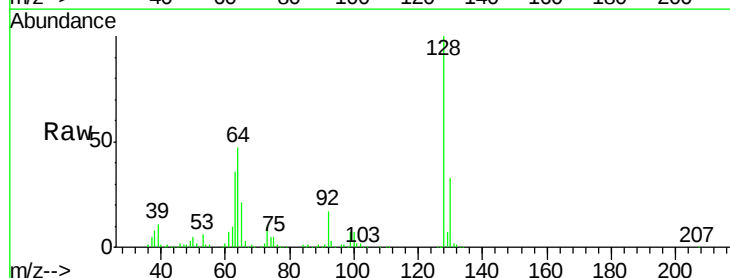
Tgt Ion: 128 Resp: 509051

Ion Ratio Lower Upper

128 100

64 47.1 37.5 56.3

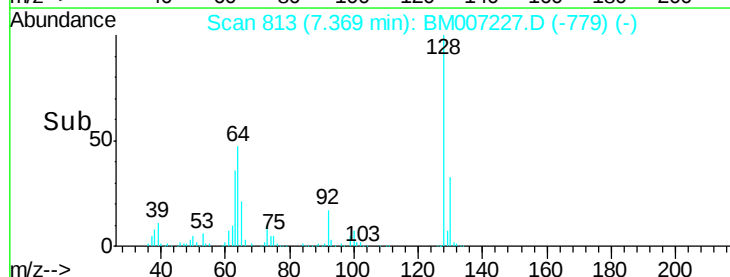
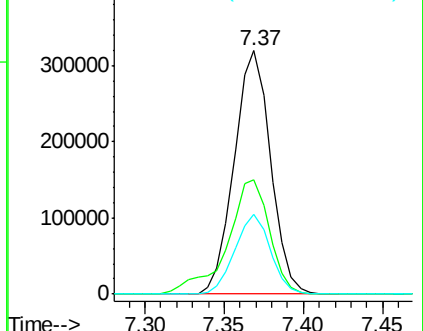
130 33.0 25.0 37.4

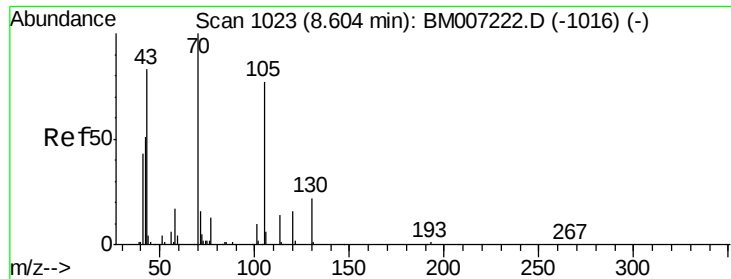


Abundance Ion 128.00 (127.70 to 128.70): BM007227.D (-806) (-)

Ion 64.00 (63.70 to 64.70): BM007227.D (-806) (-)

Ion 130.00 (129.70 to 130.70): BM007227.D (-806) (-)

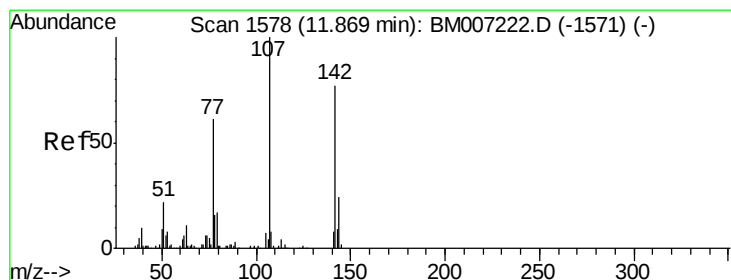
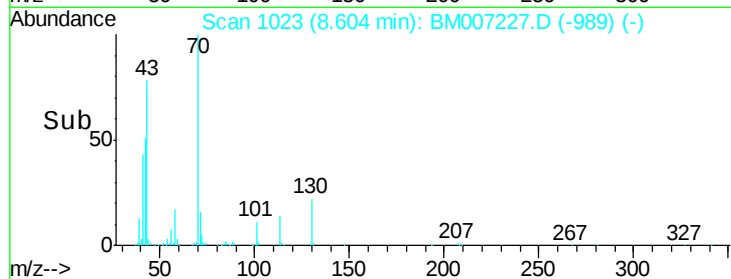
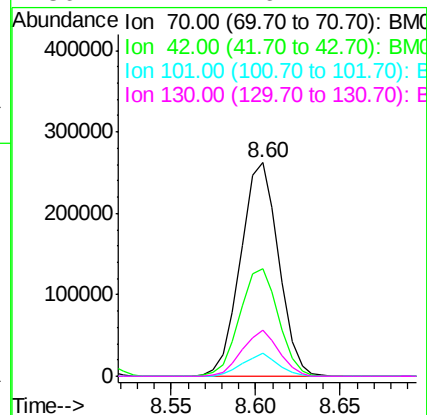
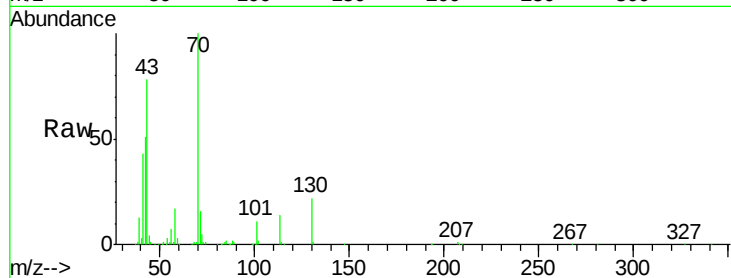




#15
N-Nitroso-di-n-propylamine
Concen: 25.16 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007227.D
Acq: 19 Aug 2016 05:03

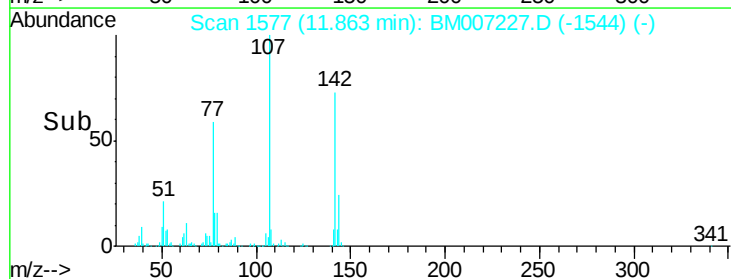
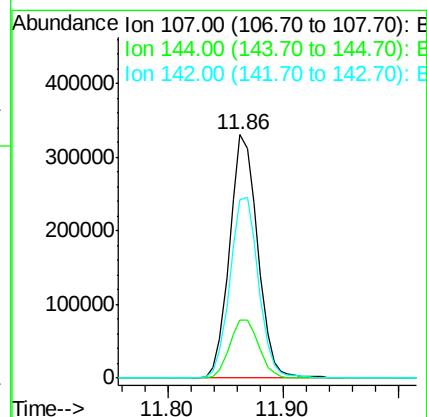
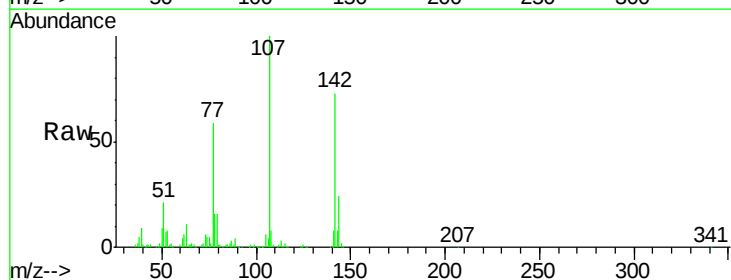
Instrument :
BNA_M
ClientSampleId :

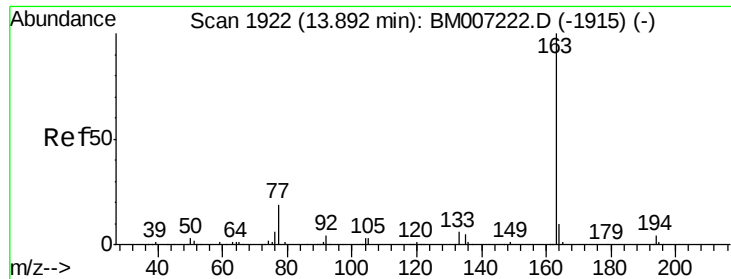
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.6	43.4	65.2	
101	10.7	7.8	11.6	
130	21.7	16.2	24.4	



#33
4-Chloro-3-methylphenol
Concen: 25.92 ng/ul
RT: 11.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM007227.D
Acq: 19 Aug 2016 05:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.7	21.1	31.7	
142	73.5	64.1	96.1	





#44

Dimethylphthalate

Concen: 10.90 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007227.D

Acq: 19 Aug 2016 05:03

Instrument :

BNA_M

ClientSampleId :

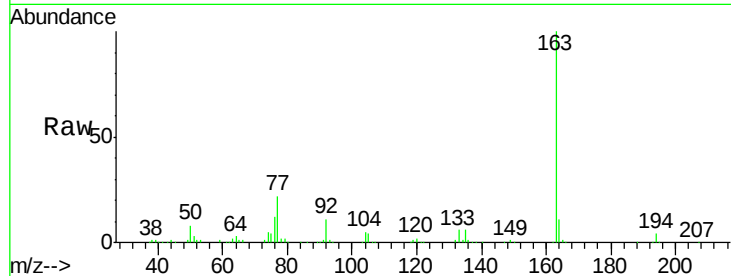
Tot Ion:163 Resp: 632884

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

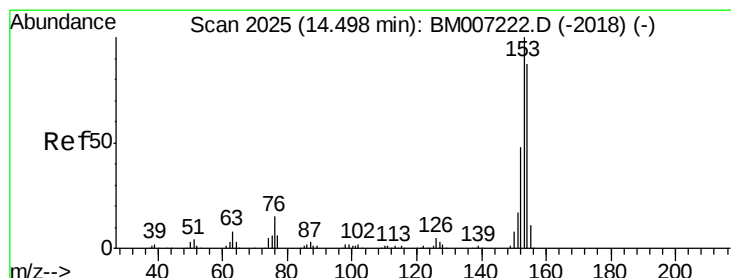
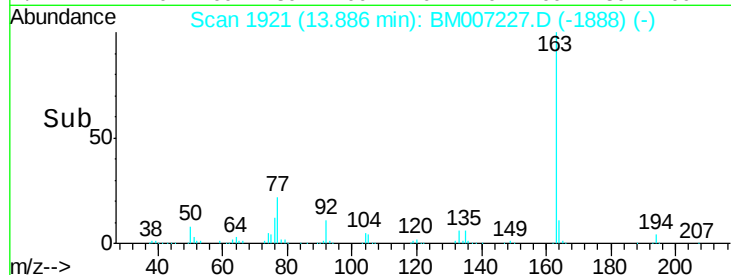
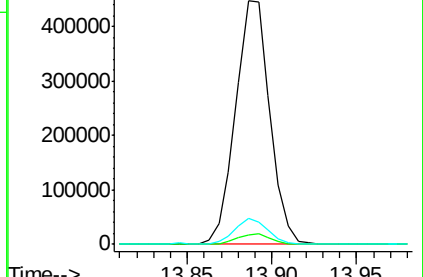
164 10.6 7.8 11.8



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: 26.85 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007227.D

Acq: 19 Aug 2016 05:03

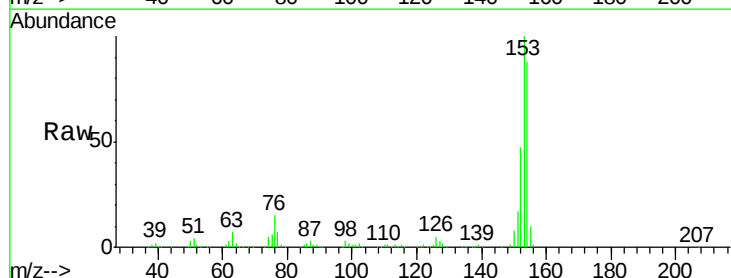
Tgt Ion:153 Resp: 1251738

Ion Ratio Lower Upper

153 100

152 47.2 37.8 56.6

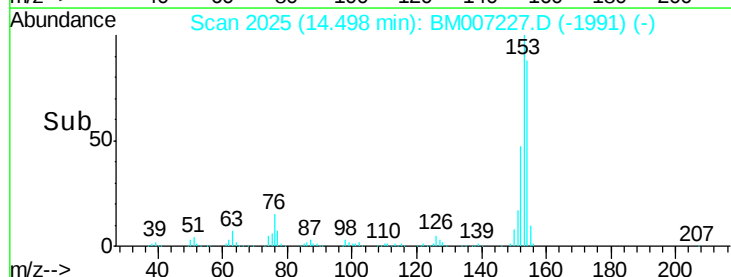
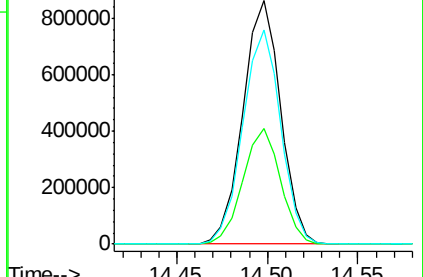
154 88.1 71.4 107.0

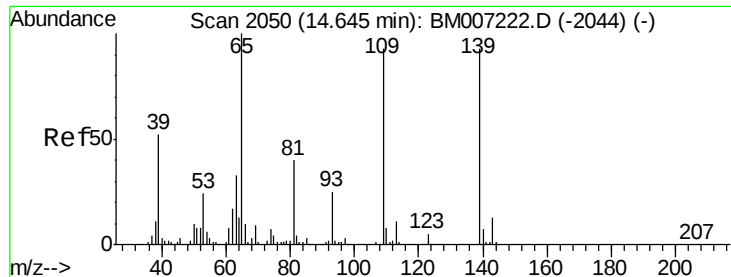


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

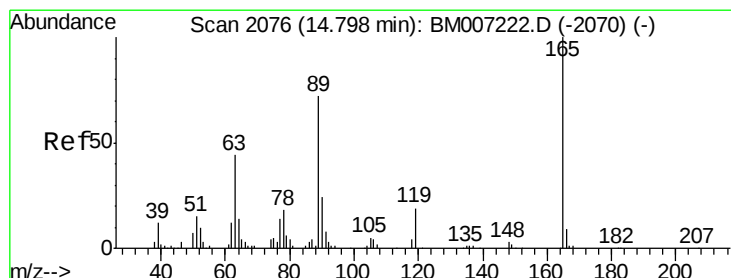
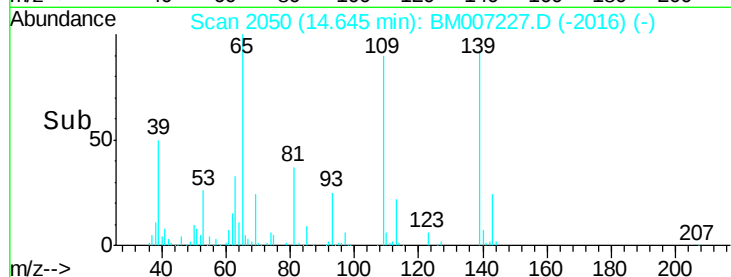
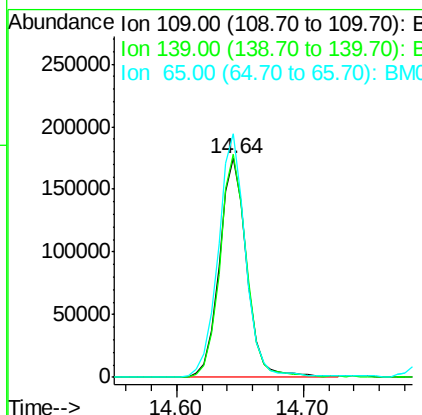
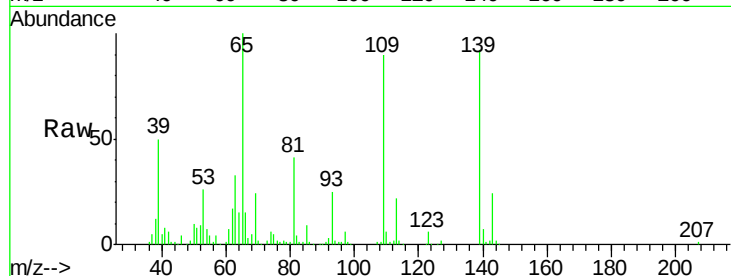




#52
4-Nitrophenol
Concen: 24.71 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM007227.D
Acq: 19 Aug 2016 05:03

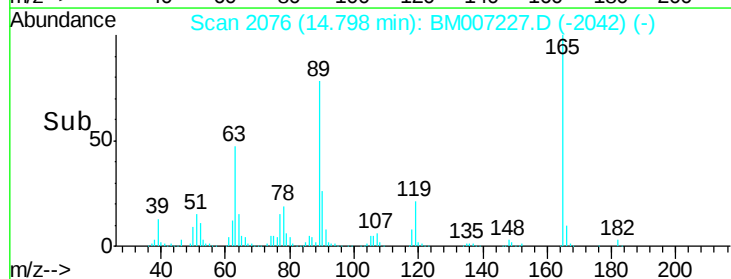
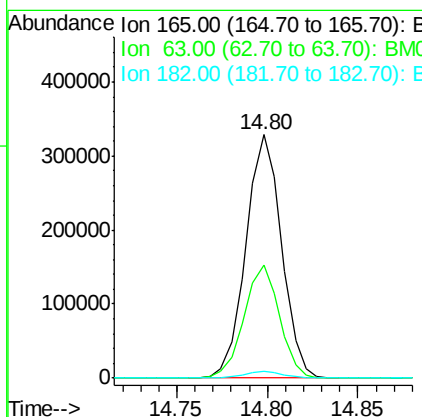
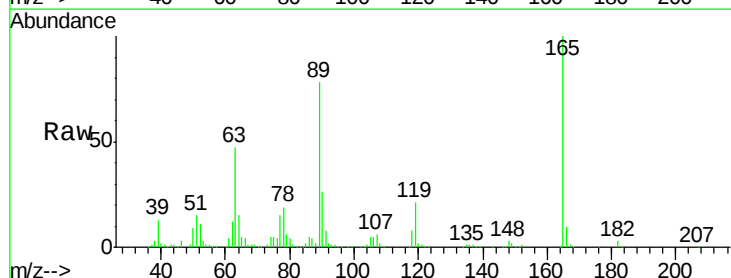
Instrument :
BNA_M
ClientSampleId :

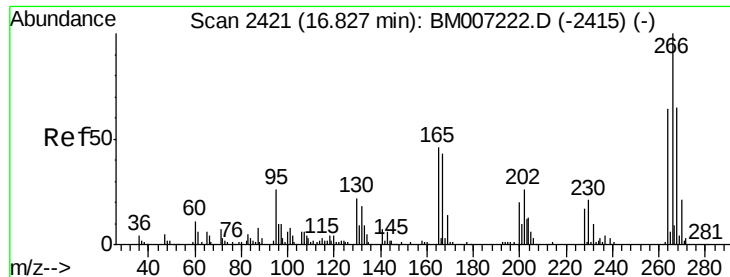
Tot Ion	Ratio	Lower	Upper
109	100		
139	101.9	88.7	133.1
65	111.2	96.4	144.6



#54
2,4-Dinitrotoluene
Concen: 26.99 ng/ul
RT: 14.80 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BM007227.D
Acq: 19 Aug 2016 05:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	36.2	54.2
182	2.7	2.2	3.4

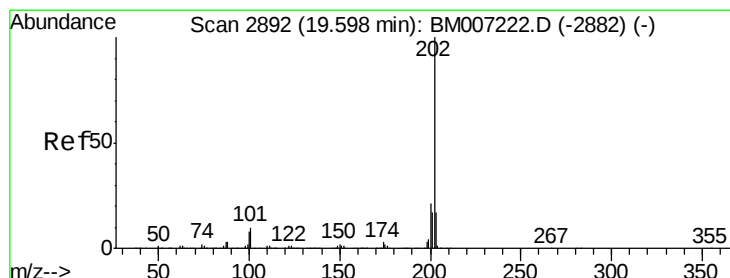
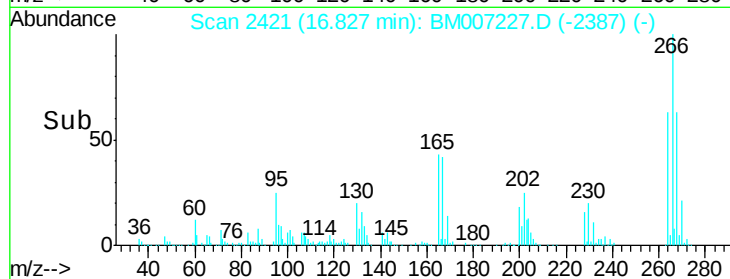
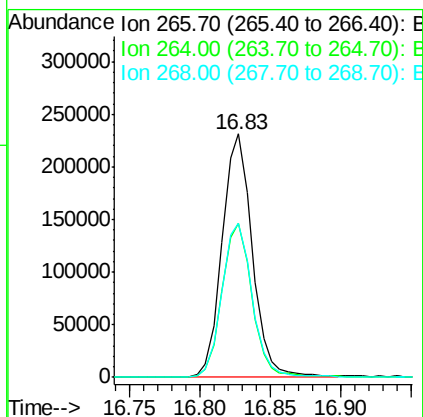
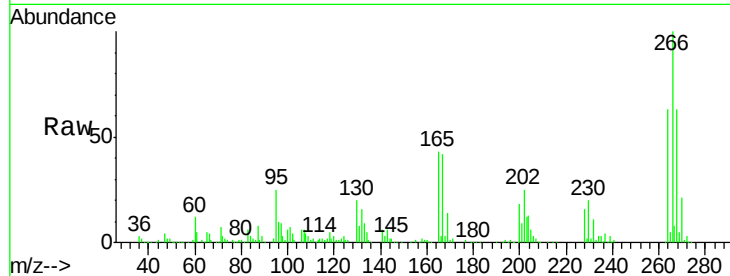




#68
 Pentachlorophenol
 Concen: 26.15 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007227.D
 Acq: 19 Aug 2016 05:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.6	75.8
268	63.0	51.0	76.6



#77
 Pyrene
 Concen: 26.91 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BM007227.D
 Acq: 19 Aug 2016 05:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.4	12.6
100	7.9	6.9	10.3

