

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005496.D
 Acq On : 19 May 2016 07:13
 Operator : UM/SJ
 Sample : H2954-05MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP39

Quant Time: May 19 07:49:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 14:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	24674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	127242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	90125	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	256975	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	444006	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	525159	20.00	ng/ul	-0.01

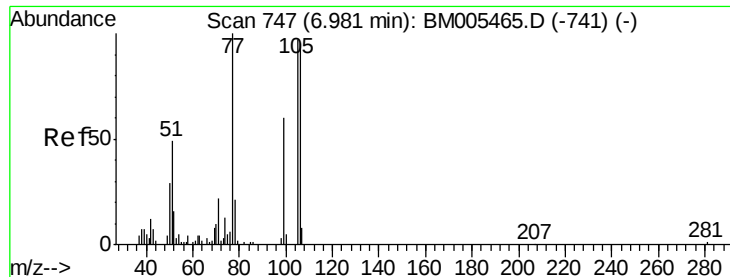
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	460	0.72	ng/uL	0.00
5) Phenol-d5	6.99	99	21649	9.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	13154	10.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	16659	9.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	19942	9.88	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	8136	8.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	9062	9.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	19326	9.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	32510	14.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	82896	11.19	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	90510	10.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	13891	9.14	ng/ul	0.00
57) Fluorene-d10	15.46	176	73519	11.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	10252	7.57	ng/ul	0.00
70) Anthracene-d10	17.30	188	129936	10.99	ng/ul	0.00
76) Pyrene-d10	19.59	212	192533	10.78	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.51	264	270288	11.51	ng/ul	-0.01

Target Compounds

						Qvalue
4) Benzaldehyde	7.15	77	1317	1.14	ng/ul#	1
6) Phenol	7.02	94	22846	9.17	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.15	93	3263	1.81	ng/ul#	21
10) 2-Chlorophenol	7.40	128	16105	8.60	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	16634	9.68	ng/ul#	95
16) 4-Methylphenol	8.59	108	5068	2.33	ng/ul	89
33) 4-Chloro-3-methylphenol	11.90	107	24799	10.01	ng/ul	96
44) Dimethylphthalate	13.92	163	33792	4.47	ng/ul	99
49) Acenaphthene	14.53	153	63587	10.28	ng/ul	97
52) 4-Nitrophenol	14.66	109	14278	10.49	ng/ul	88
54) 2,4-Dinitrotoluene	14.82	165	21515	9.75	ng/ul#	97
68) Pentachlorophenol	16.85	266	18003	9.25	ng/ul	96
77) Pyrene	19.62	202	241369	10.15	ng/ul	96

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



#4

Benzaldehyde

Concen: 1.14 ng/ul

RT: 7.15 min Scan# 775

Delta R.T. 0.16 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

Instrument :

BNA_M

ClientSampled :

DFTPP39

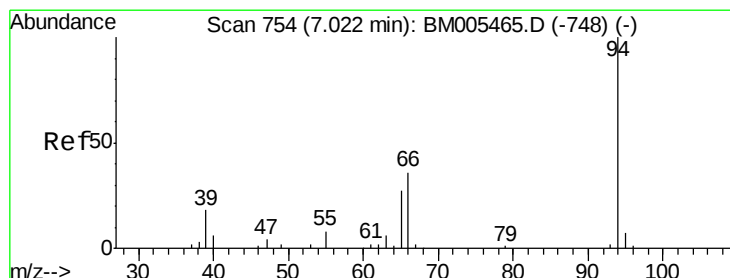
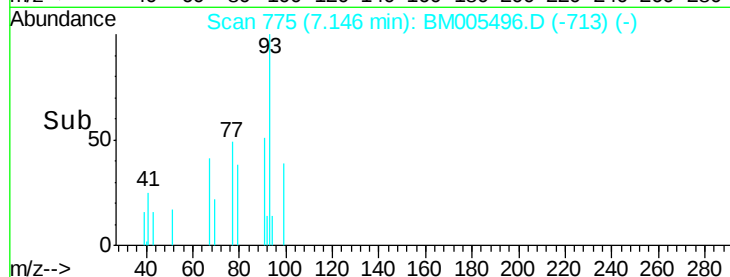
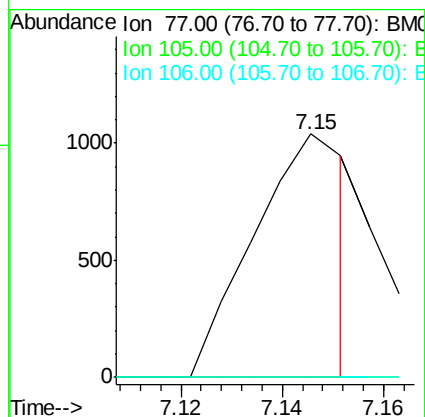
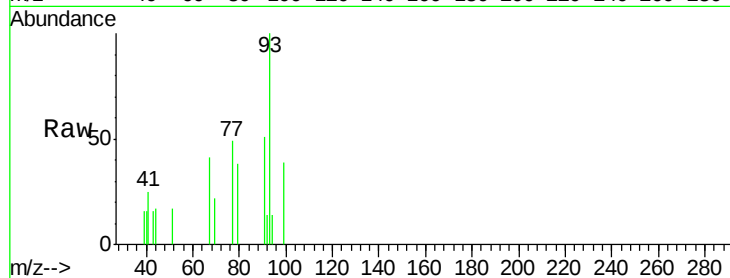
Tgt Ion: 77 Resp: 1317

Ion Ratio Lower Upper

77 100

105 0.0 77.6 116.4#

106 0.0 77.9 116.9#



#6

Phenol

Concen: 9.17 ng/ul

RT: 7.02 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

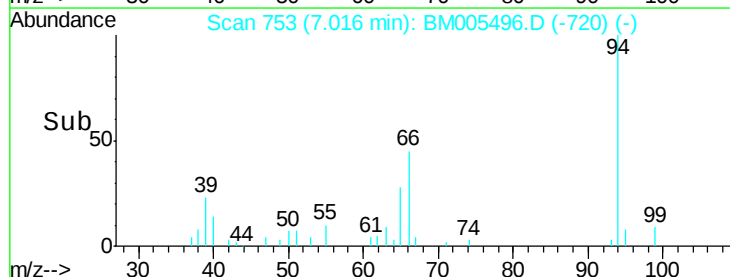
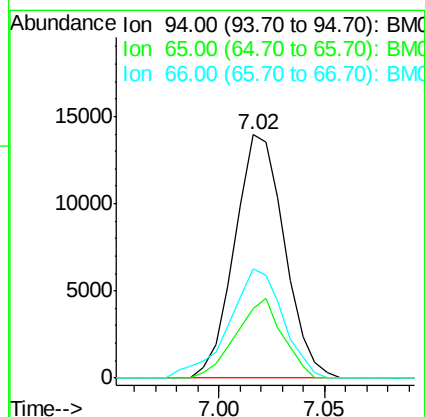
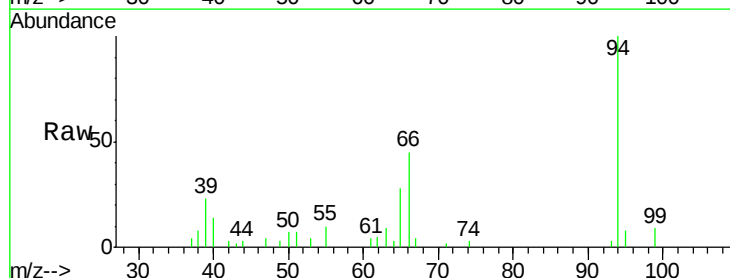
Tgt Ion: 94 Resp: 22846

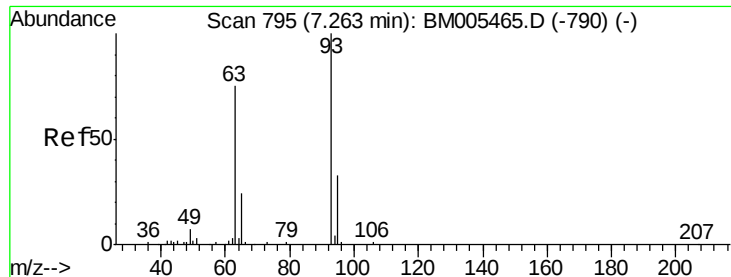
Ion Ratio Lower Upper

94 100

65 28.3 22.7 34.1

66 44.7 31.7 47.5





#8

Bis(2-Chloroethyl)ether

Concen: 1.81 ng/ul

RT: 7.15 min Scan# 775

Delta R.T. -0.12 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

Instrument :

BNA_M

ClientSampleId :

DFTPP39

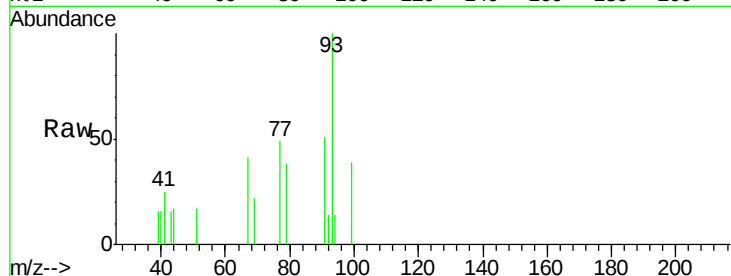
Tgt Ion: 93 Resp: 3263

Ion Ratio Lower Upper

93 100

63 0.0 60.6 90.8#

95 0.0 24.2 36.4#

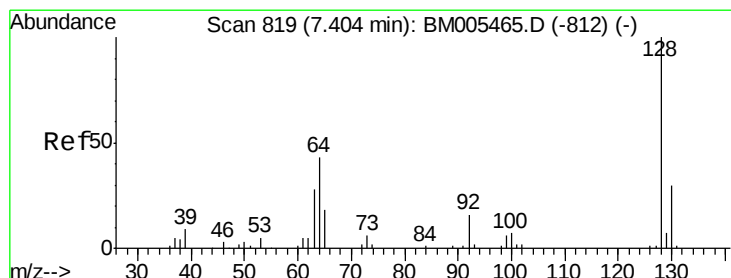
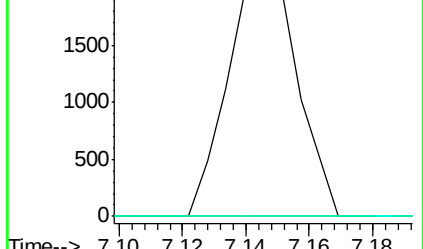
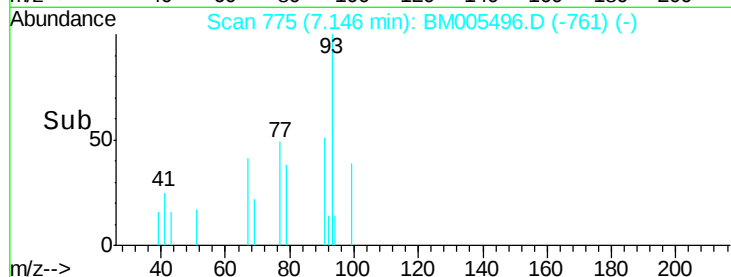


Abundance Ion 93.00 (92.70 to 93.70): BM005496.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BM005496.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BM005496.D (-761) (-)

Time-->



#10

2-Chlorophenol

Concen: 8.60 ng/ul

RT: 7.40 min Scan# 818

Delta R.T. -0.01 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

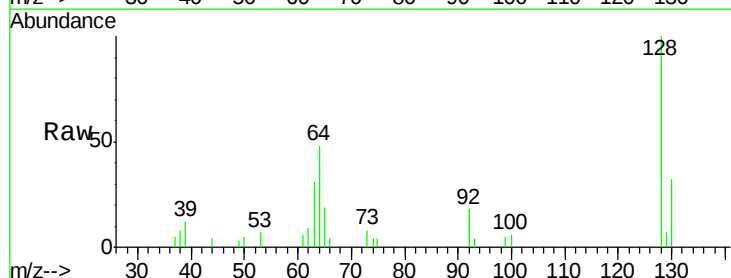
Tgt Ion: 128 Resp: 16105

Ion Ratio Lower Upper

128 100

64 47.7 37.8 56.8

130 32.3 24.9 37.3

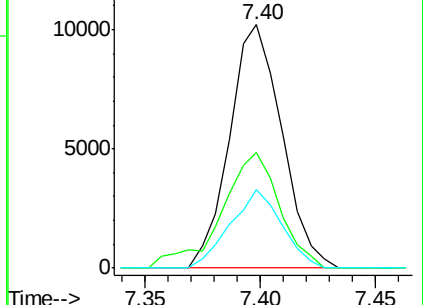
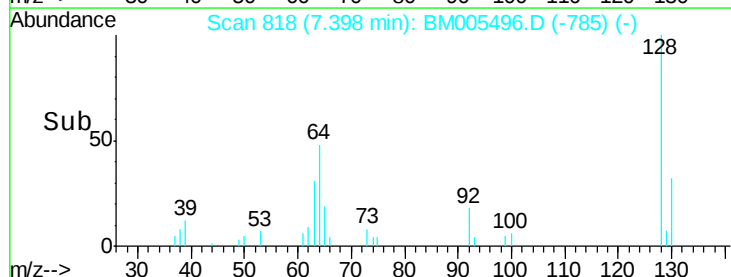


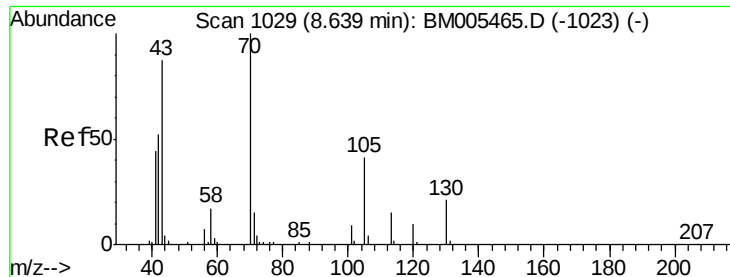
Abundance Ion 128.00 (127.70 to 128.70): BM005496.D (-785) (-)

Ion 64.00 (63.70 to 64.70): BM005496.D (-785) (-)

Ion 130.00 (129.70 to 130.70): BM005496.D (-785) (-)

Time-->

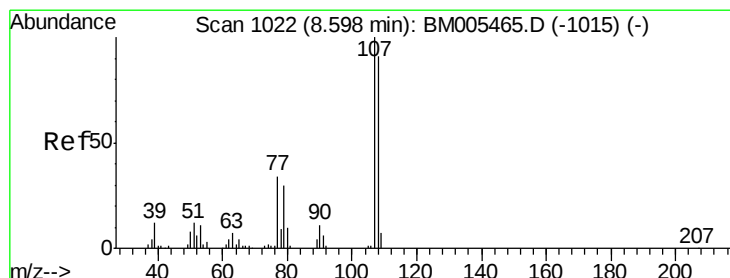
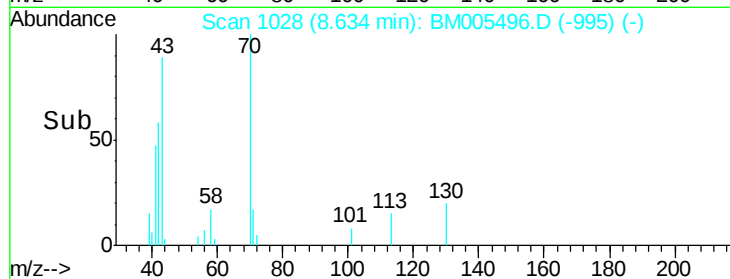
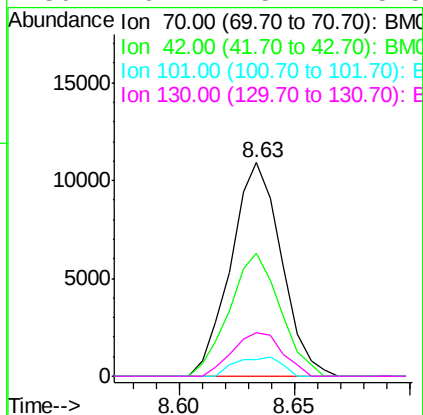
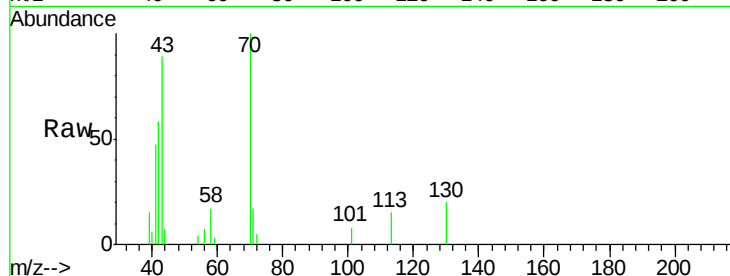




#15
N-Nitroso-di-n-propylamine
Concen: 9.68 ng/ul
RT: 8.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

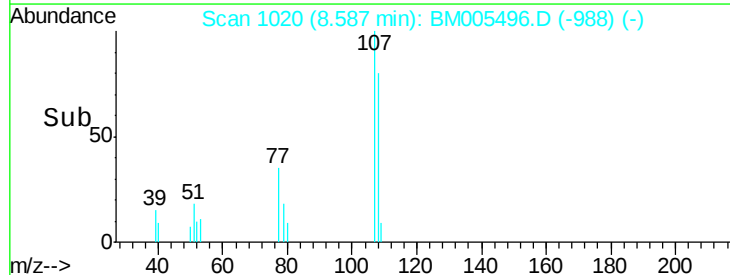
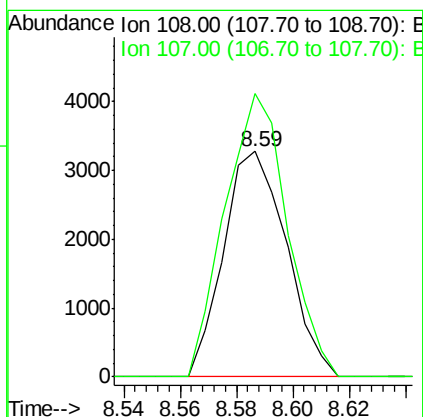
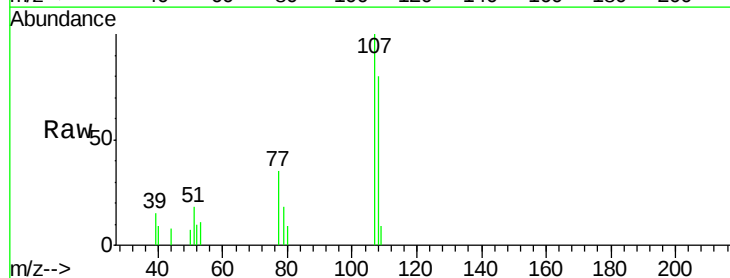
Instrument :
BNA_M
ClientSampleId :
DFTPP39

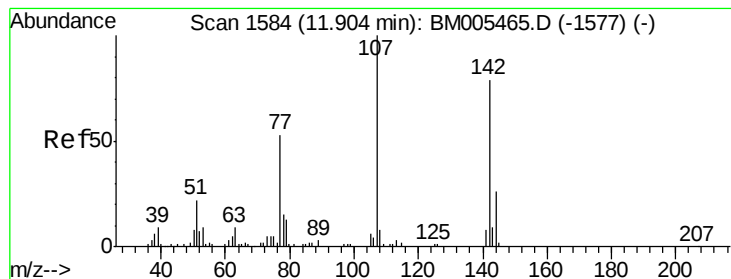
Tgt Ion: 70 Resp: 16634
Ion Ratio Lower Upper
70 100
42 57.6 42.8 64.2
101 7.6 7.8 11.6#
130 20.2 15.7 23.5



#16
4-Methylphenol
Concen: 2.33 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion: 108 Resp: 5068
Ion Ratio Lower Upper
108 100
107 125.4 91.1 136.7

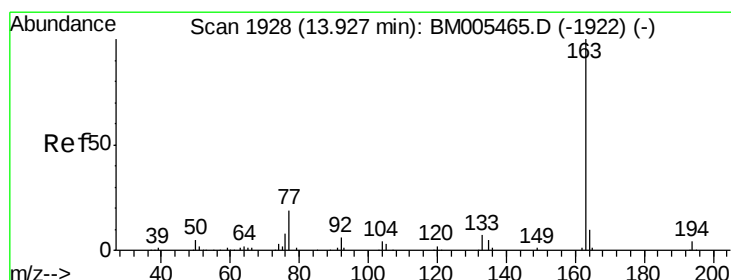
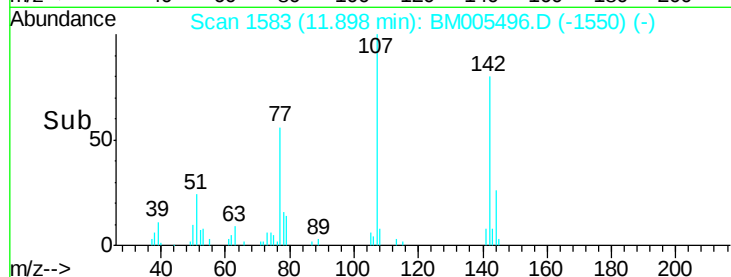
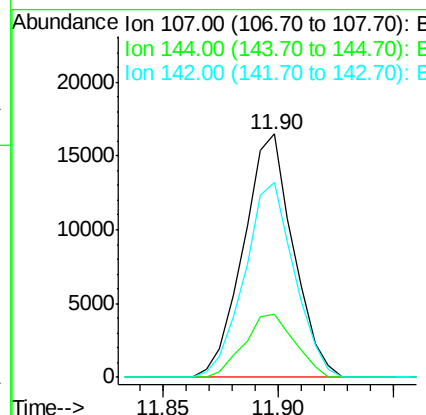
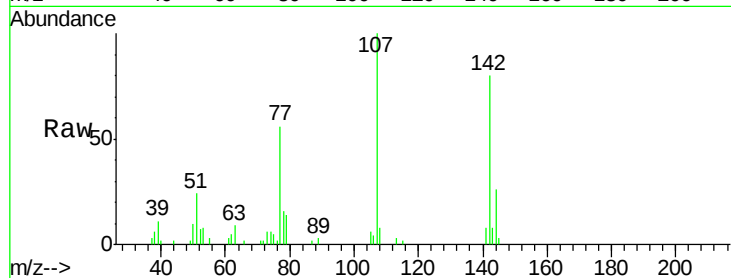




#33
 4-Chloro-3-methylphenol
 Concen: 10.01 ng/ul
 RT: 11.90 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BM005496.D
 Acq: 19 May 2016 07:13

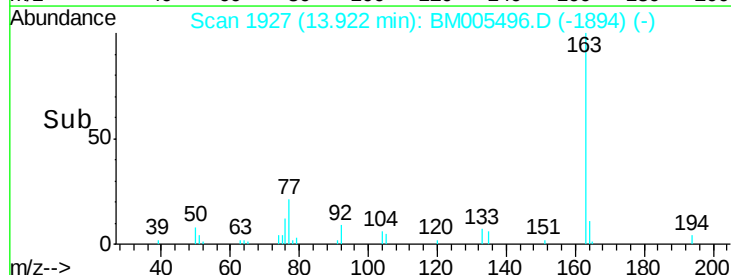
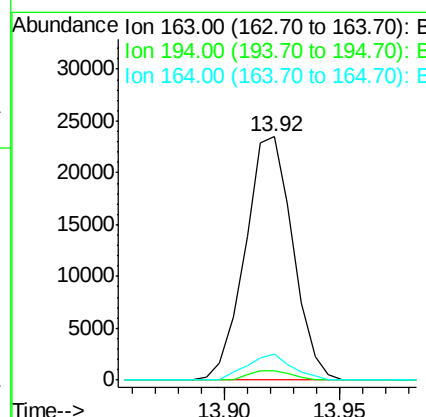
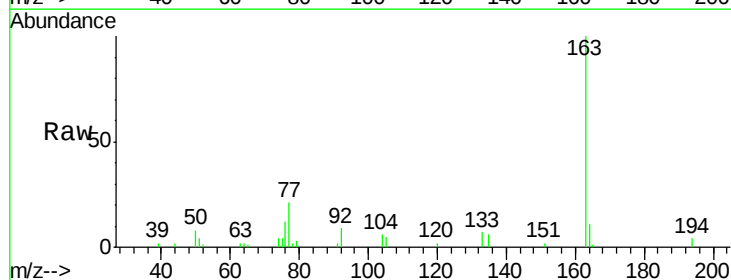
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP39

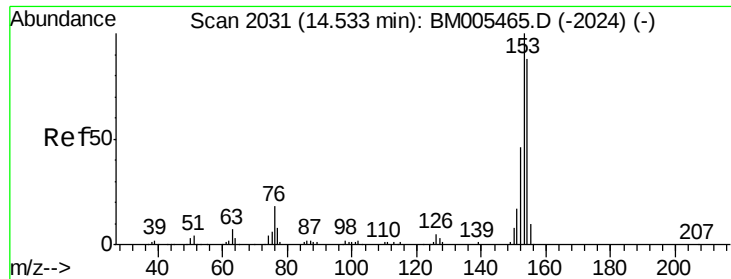
Tgt Ion:107 Resp: 24799
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.3 28.9
 142 80.1 60.8 91.2



#44
 Dimethylphthalate
 Concen: 4.47 ng/ul
 RT: 13.92 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BM005496.D
 Acq: 19 May 2016 07:13

Tgt Ion:163 Resp: 33792
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.6 7.9 11.9





#49

Acenaphthene

Concen: 10.28 ng/ul

RT: 14.53 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

Instrument :

BNA_M

ClientSampleId :

DFTPP39

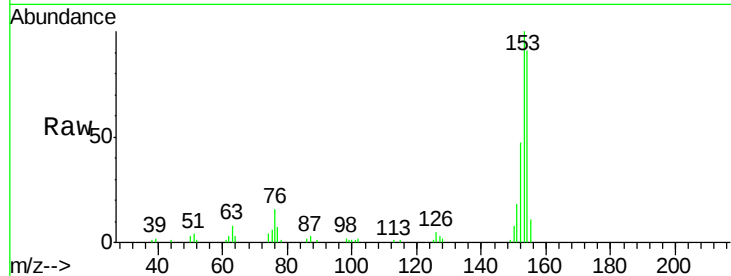
Tgt Ion:153 Resp: 63587

Ion Ratio Lower Upper

153 100

152 47.2 38.9 58.3

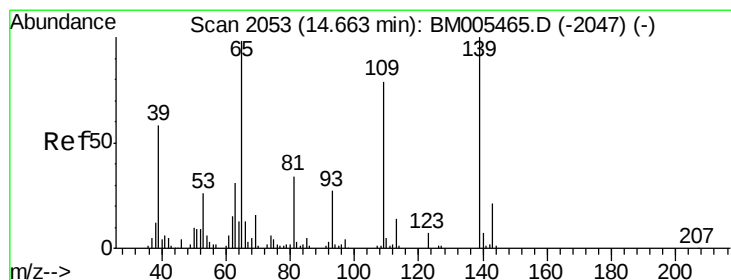
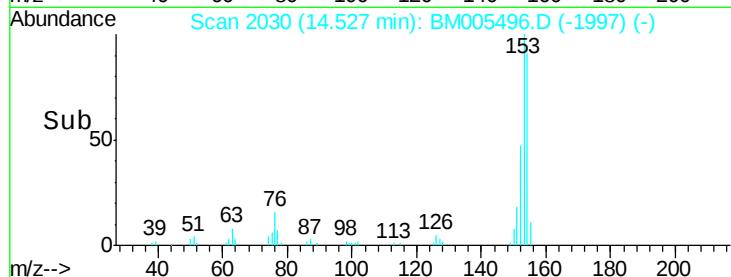
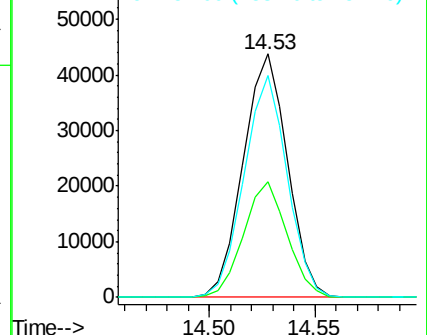
154 91.3 70.3 105.5



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: 10.49 ng/ul

RT: 14.66 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

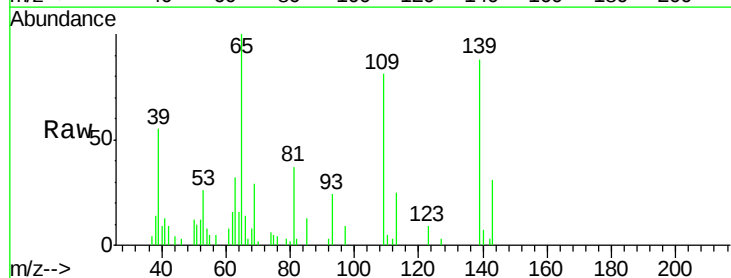
Tgt Ion:109 Resp: 14278

Ion Ratio Lower Upper

109 100

139 108.1 103.6 155.4

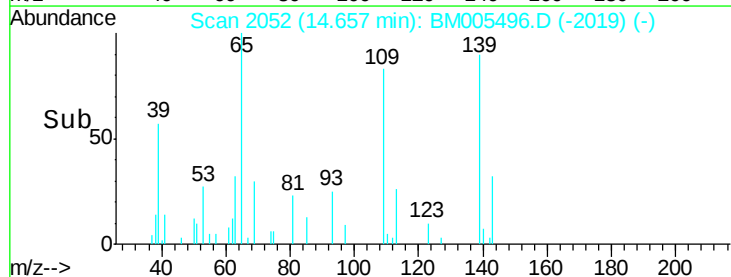
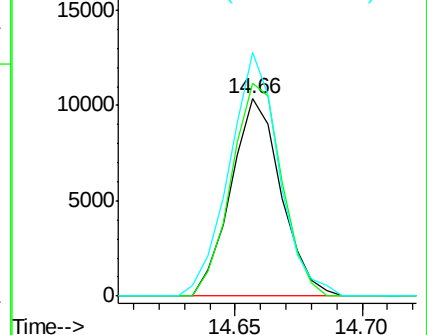
65 123.4 104.7 157.1

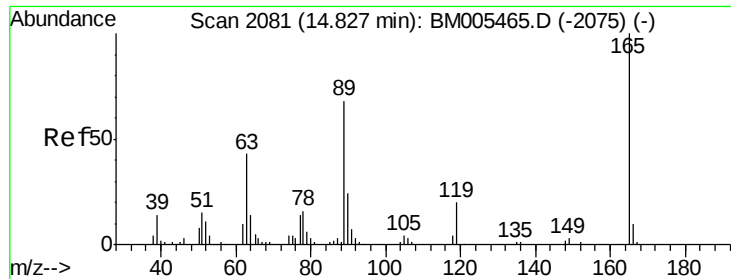


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

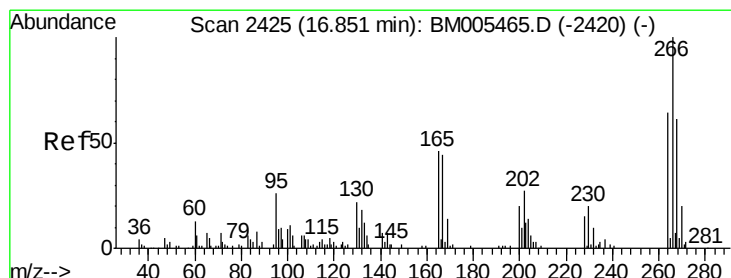
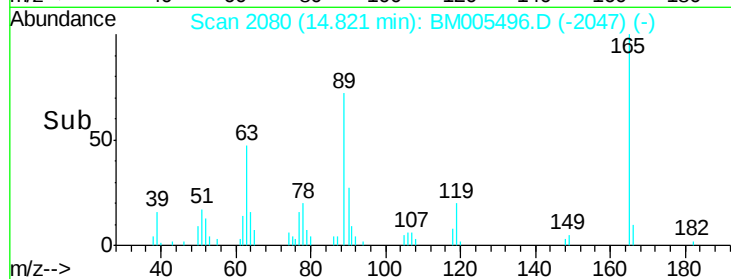
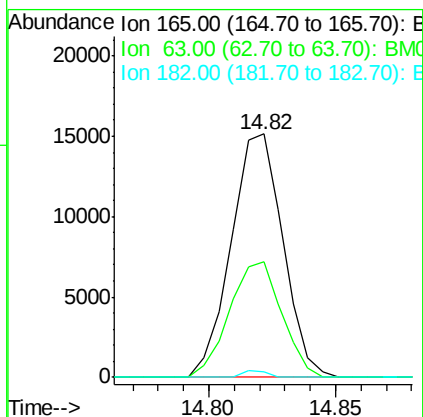
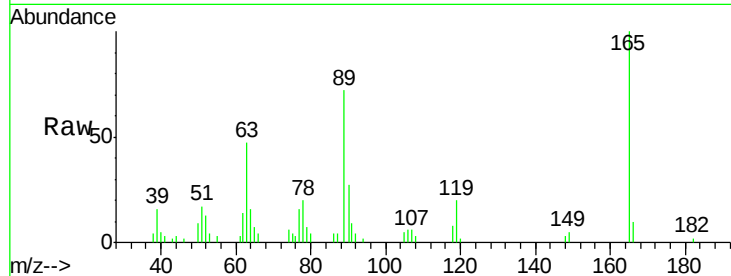




#54
 2,4-Dinitrotoluene
 Concen: 9.75 ng/ul
 RT: 14.82 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BM005496.D
 Acq: 19 May 2016 07:13

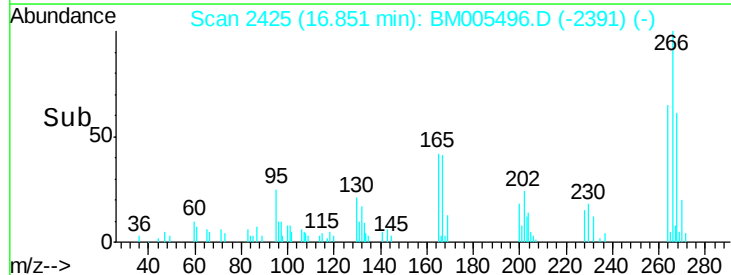
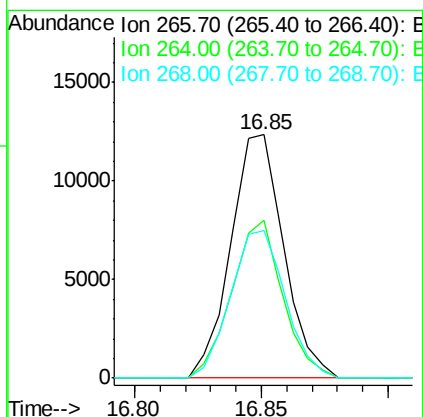
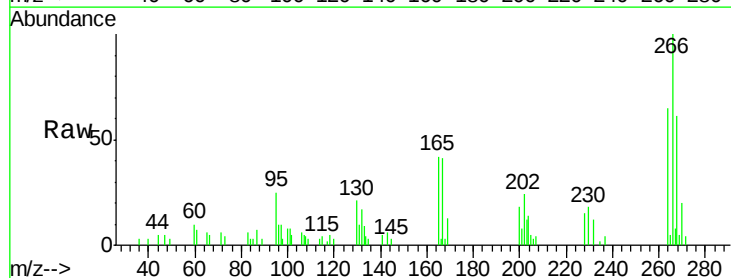
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP39

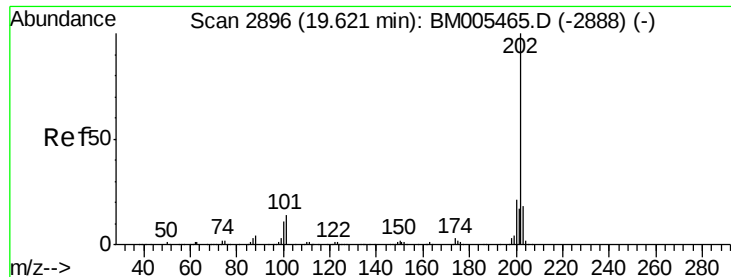
Tgt Ion:165 Resp: 21515
 Ion Ratio Lower Upper
 165 100
 63 47.3 36.2 54.4
 182 2.3 2.5 3.7#



#68
 Pentachlorophenol
 Concen: 9.25 ng/ul
 RT: 16.85 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BM005496.D
 Acq: 19 May 2016 07:13

Tgt Ion:266 Resp: 18003
 Ion Ratio Lower Upper
 266 100
 264 64.7 52.0 78.0
 268 60.7 53.0 79.6





#77

Pyrene

Concen: 10.15 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BM005496.D

Acq: 19 May 2016 07:13

Instrument :

BNA_M

ClientSampleId :

DFTPP39

Tgt Ion:202 Resp: 241369

Ion Ratio Lower Upper

202 100

101 11.9 10.8 16.2

100 9.4 8.4 12.6

