

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005431.D
 Acq On : 13 May 2016 14:12
 Operator : UM/SJ
 Sample : H2874-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4113MS

Quant Time: May 14 00:20:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	64791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	309970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	204750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	508994	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	615991	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	524727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1557	1.13	ng/uL	0.00
5) Phenol-d5	6.93	99	34928	5.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	101458	30.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	107779	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	70754	14.57	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	72727	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	83901	33.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	132605	28.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	14319	2.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	531382	32.38	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	617644	32.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	15703	5.24	ng/ul	0.00
57) Fluorene-d10	15.39	176	451881	31.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	87710	30.63	ng/ul	0.00
70) Anthracene-d10	17.24	188	737018	32.76	ng/ul	0.00
76) Pyrene-d10	19.54	212	869932	30.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	768697	33.10	ng/ul	0.00

Target Compounds

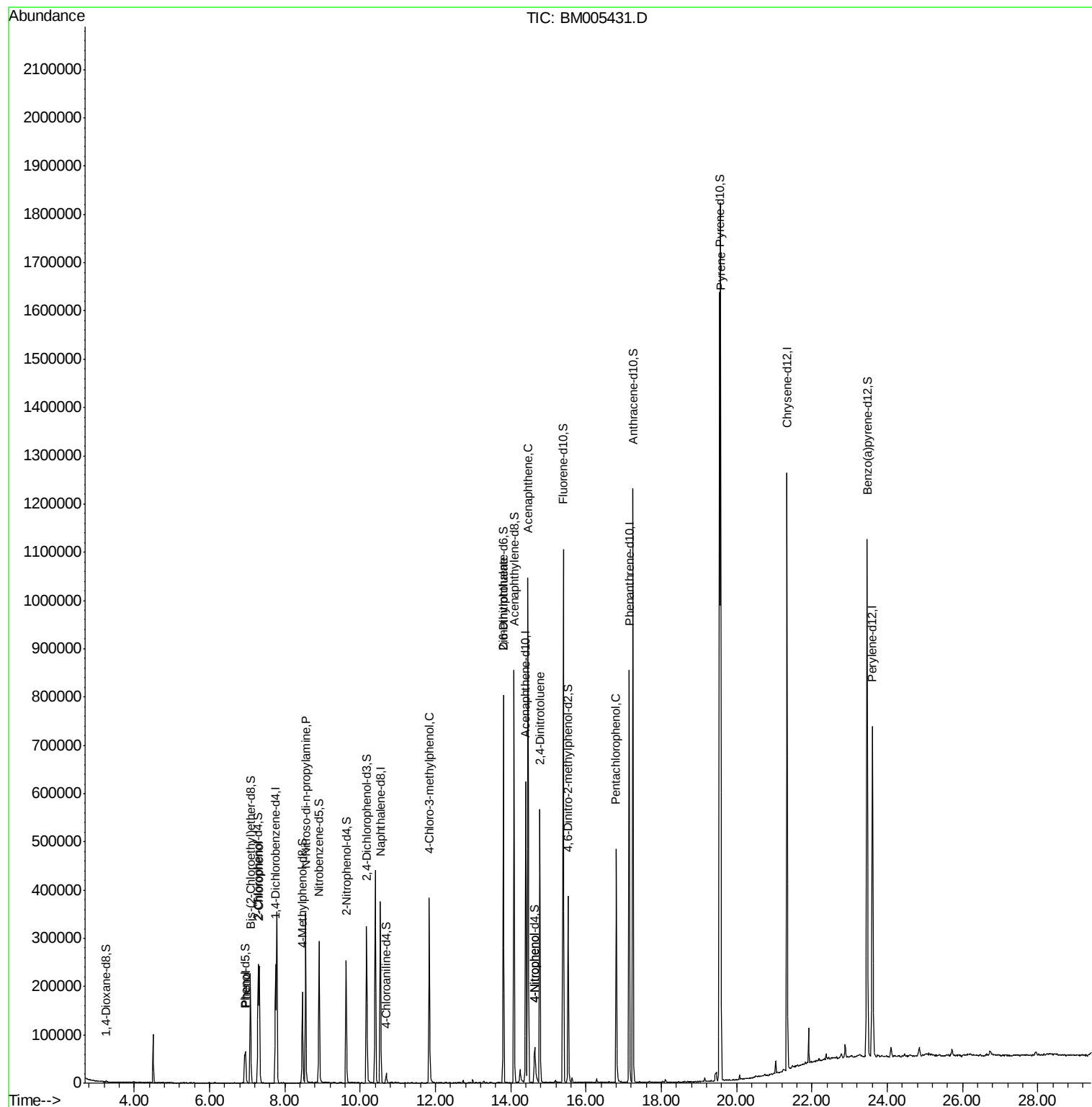
						Qvalue
6) Phenol	6.96	94	37403	6.16	ng/ul	98
10) 2-Chlorophenol	7.32	128	108396	23.88	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	128080	34.06	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	152718	26.71	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	3719	1.15	ng/ul#	40
49) Acenaphthene	14.46	153	421836	31.43	ng/ul	99
52) 4-Nitrophenol	14.64	109	14486	5.82	ng/ul	95
54) 2,4-Dinitrotoluene	14.77	165	165602	34.34	ng/ul	99
68) Pentachlorophenol	16.80	266	90898	29.89	ng/ul	97
77) Pyrene	19.57	202	1087793	30.45	ng/ul	98

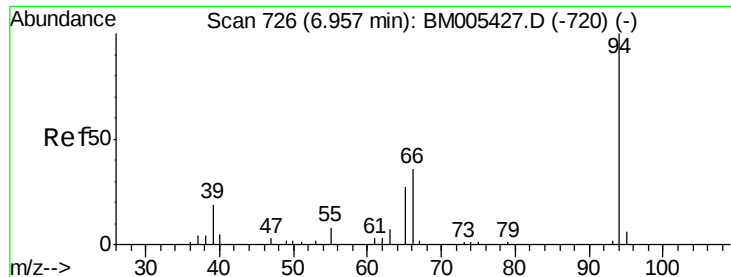
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.16 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

ClientSampleId :

H4113MS

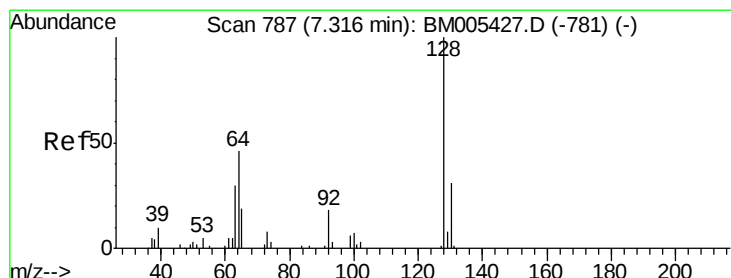
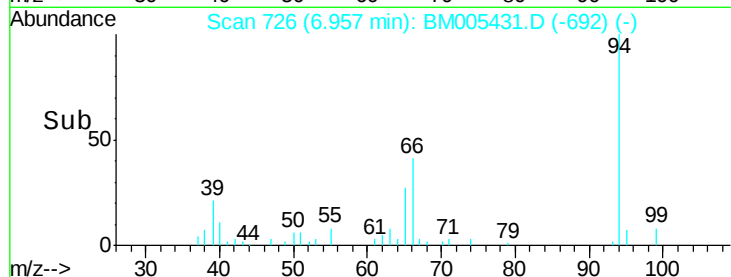
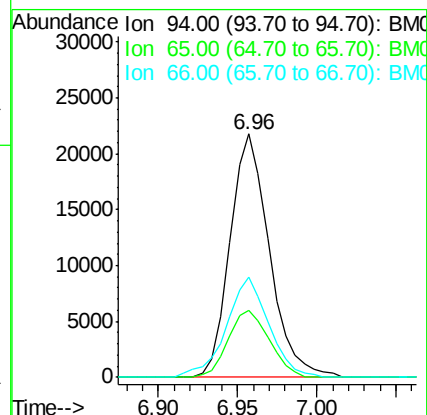
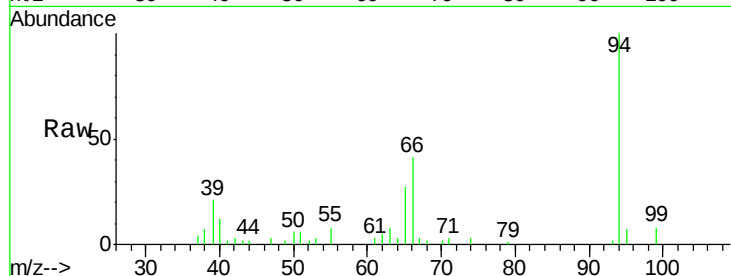
Tgt Ion: 94 Resp: 37403

Ion Ratio Lower Upper

94 100

65 27.4 22.7 34.1

66 41.1 31.7 47.5



#10

2-Chlorophenol

Concen: 23.88 ng/ul

RT: 7.32 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

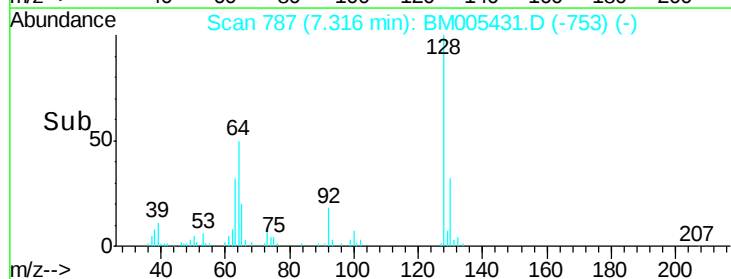
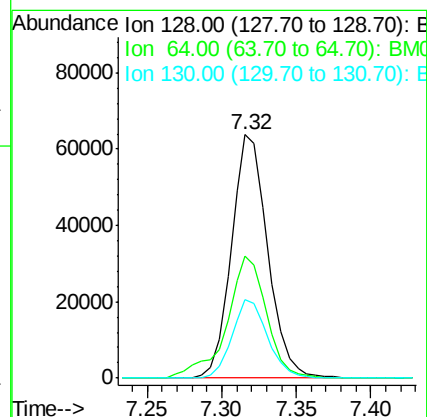
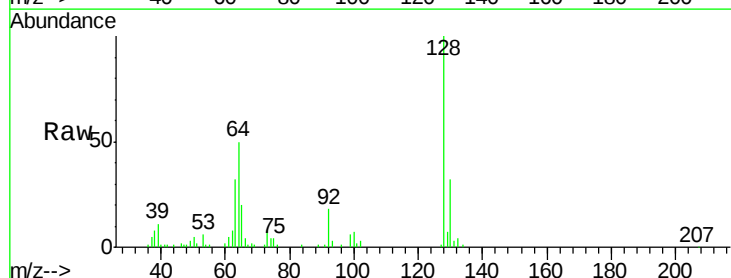
Tgt Ion: 128 Resp: 108396

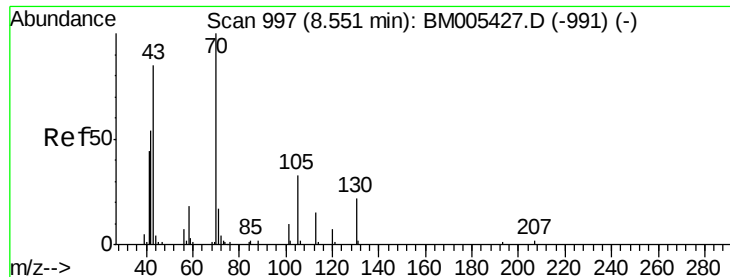
Ion Ratio Lower Upper

128 100

64 50.0 37.8 56.8

130 32.0 24.9 37.3





#15

N-Nitroso-di-n-propylamine

Concen: 34.06 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

ClientSampleId :

H4113MS

Tgt Ion: 70 Resp: 128080

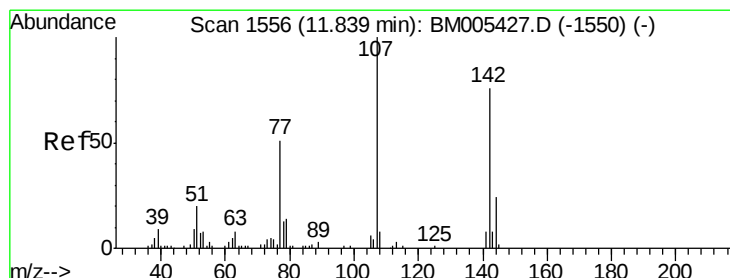
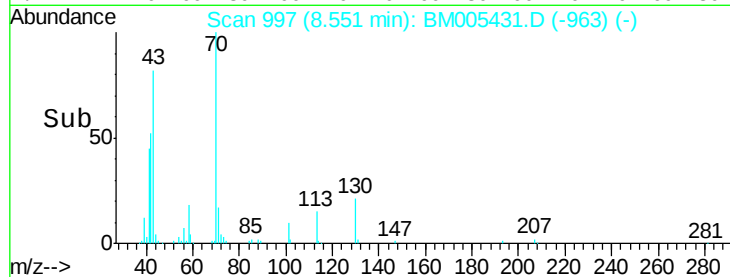
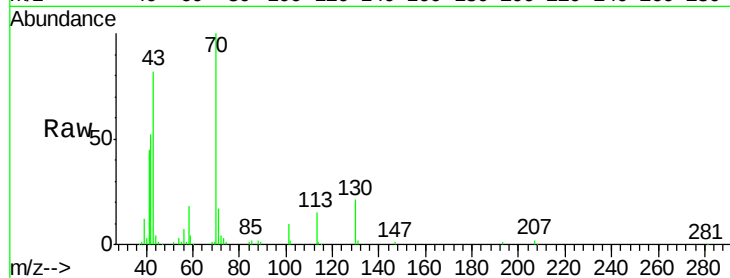
Ion	Ratio	Lower	Upper
70	100		
42	52.0	42.8	64.2
101	10.0	7.8	11.6
130	21.4	15.7	23.5

Abundance Ion 70.00 (69.70 to 70.70): BM005431.D (-963) (-)

Ion 42.00 (41.70 to 42.70): BM005431.D (-963) (-)

Ion 101.00 (100.70 to 101.70): BM005431.D (-963) (-)

Ion 130.00 (129.70 to 130.70): BM005431.D (-963) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.71 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

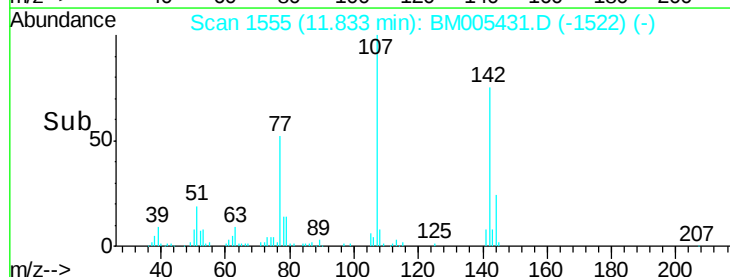
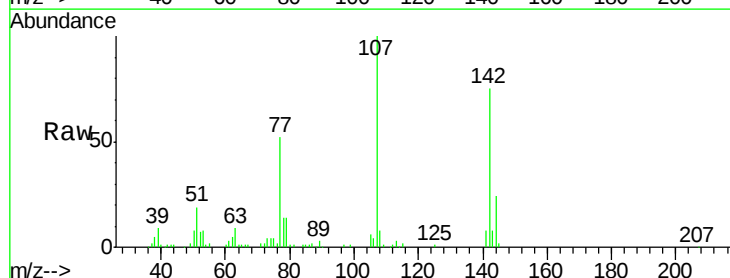
Tgt Ion: 107 Resp: 152718

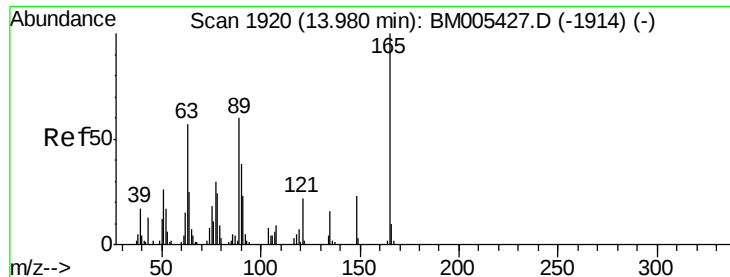
Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	74.7	60.8	91.2

Abundance Ion 107.00 (106.70 to 107.70): BM005431.D (-1522) (-)

Ion 144.00 (143.70 to 144.70): BM005431.D (-1522) (-)

Ion 142.00 (141.70 to 142.70): BM005431.D (-1522) (-)

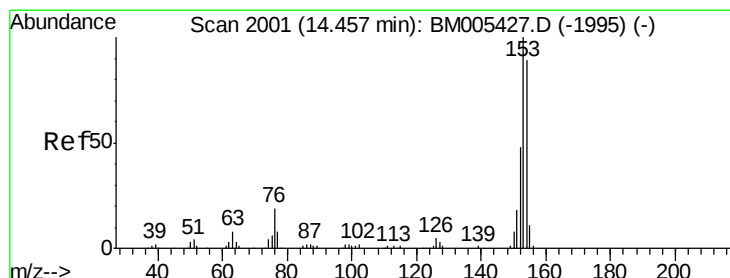
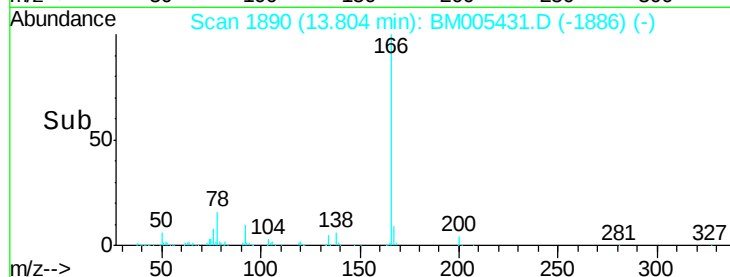
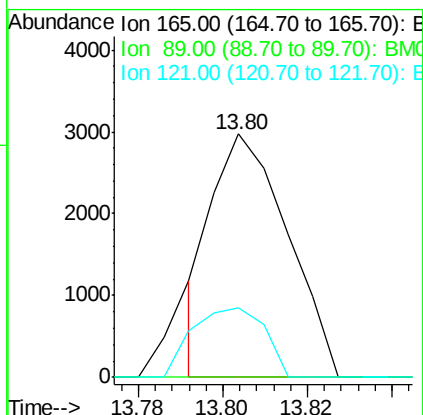
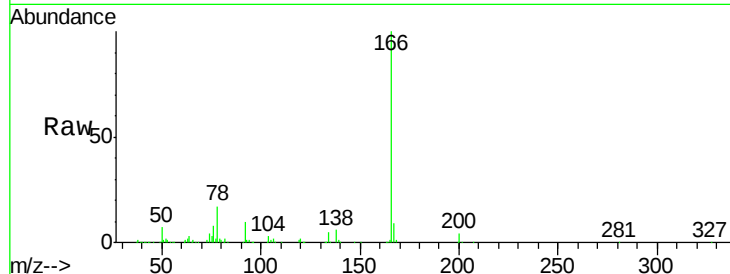




#45
 2,6-Dinitrotoluene
 Concen: 1.15 ng/ul
 RT: 13.80 min Scan# 1890
 Delta R.T. -0.18 min
 Lab File: BM005431.D
 Acq: 13 May 2016 14:12

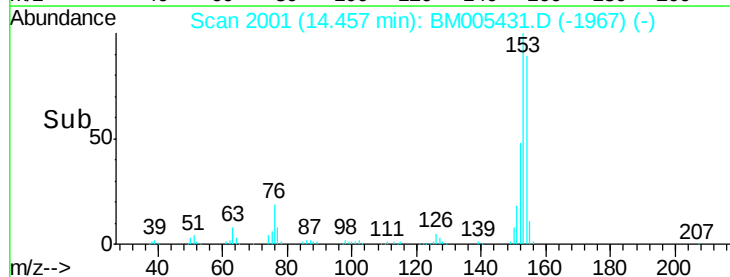
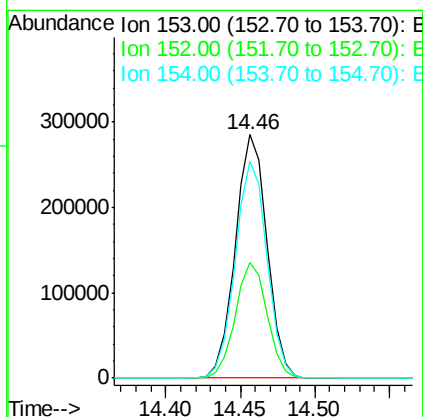
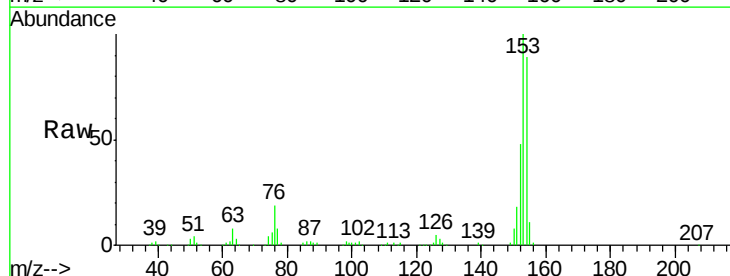
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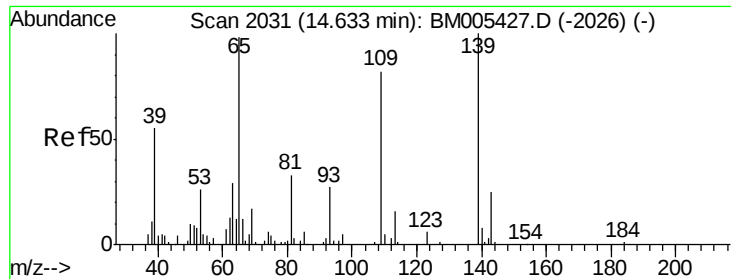
Tgt Ion:165 Resp: 3719
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 28.5 21.0 31.4



#49
 Acenaphthene
 Concen: 31.43 ng/ul
 RT: 14.46 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BM005431.D
 Acq: 13 May 2016 14:12

Tgt Ion:153 Resp: 421836
 Ion Ratio Lower Upper
 153 100
 152 47.5 38.9 58.3
 154 89.0 70.3 105.5

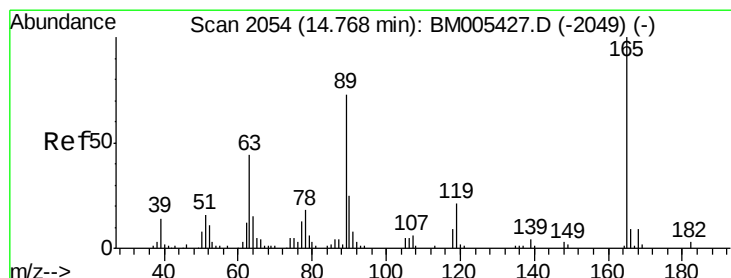
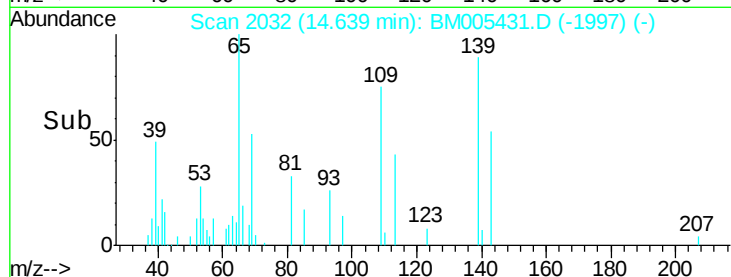
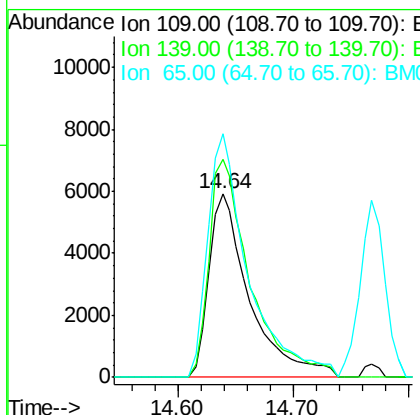
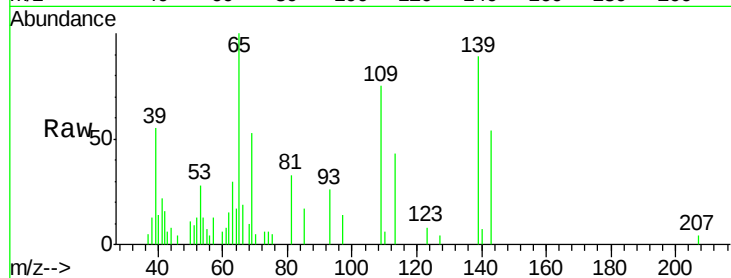




#52
4-Nitrophenol
Concen: 5.82 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM005431.D
Acq: 13 May 2016 14:12

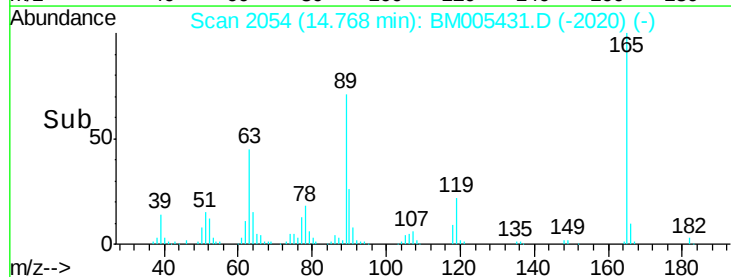
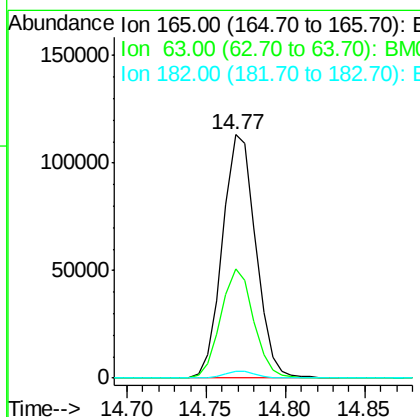
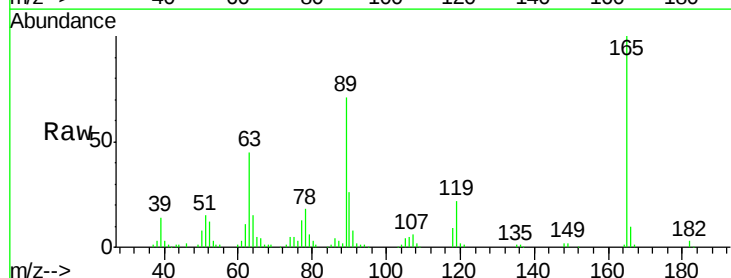
Instrument :
BNA_M
ClientSampleId :
H4113MS

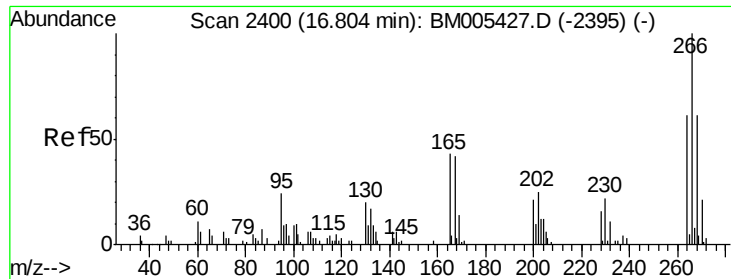
Tgt Ion:109 Resp: 14486
Ion Ratio Lower Upper
109 100
139 118.4 103.6 155.4
65 132.5 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 34.34 ng/ul
RT: 14.77 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM005431.D
Acq: 13 May 2016 14:12

Tgt Ion:165 Resp: 165602
Ion Ratio Lower Upper
165 100
63 44.8 36.2 54.4
182 2.9 2.5 3.7





#68

Pentachlorophenol

Concen: 29.89 ng/ul

RT: 16.80 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

ClientSampleId :

H4113MS

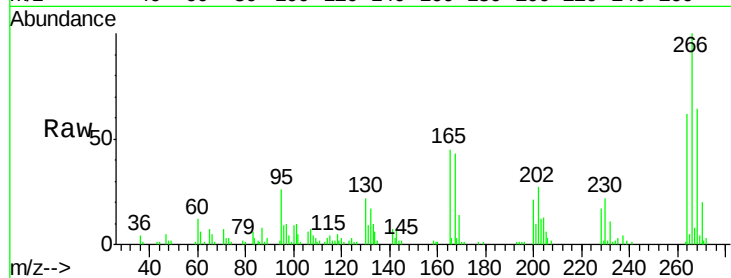
Tgt Ion:266 Resp: 90898

Ion Ratio Lower Upper

266 100

264 62.2 52.0 78.0

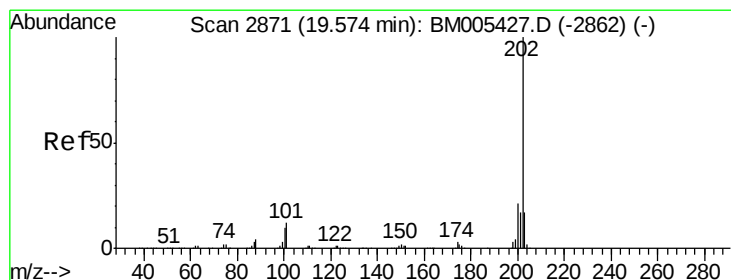
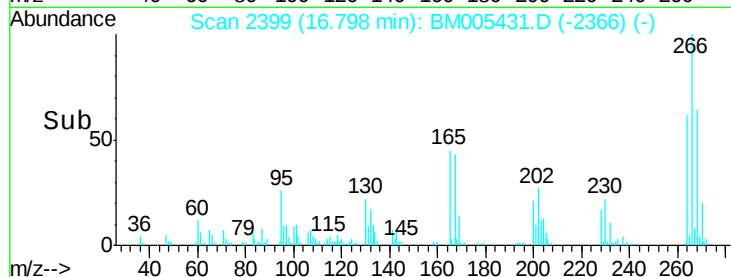
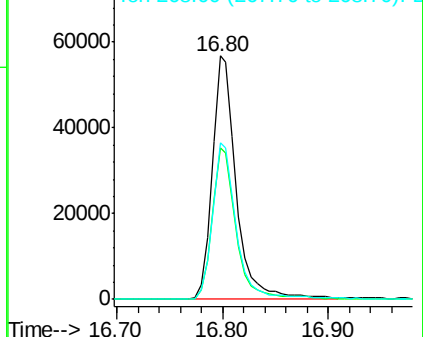
268 64.4 53.0 79.6



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: 30.45 ng/ul

RT: 19.57 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

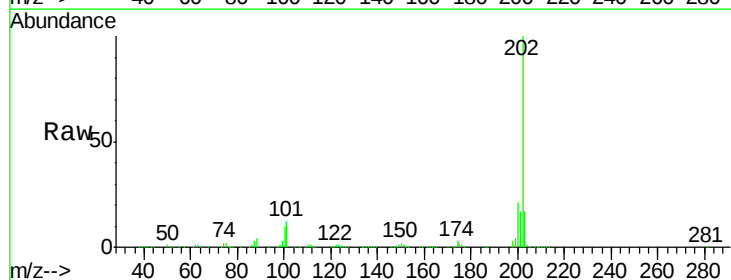
Tgt Ion:202 Resp: 1087793

Ion Ratio Lower Upper

202 100

101 12.3 10.8 16.2

100 10.2 8.4 12.6



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

