

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004531.D
 Acq On : 03 Mar 2016 14:12
 Operator : SJ/UM
 Sample : H1564-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R26MS

Quant Time: Mar 04 04:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 13:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	22264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	108540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	69585	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	165125	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	183487	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	155150	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1371	3.31	ng/uL	0.00
5) Phenol-d5	6.79	99	33306	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	17897	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	30747	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	26876	17.00	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	15158	18.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	17544	18.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	30714	18.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	44157	21.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	118966	20.55	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	141806	20.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	15553	18.22	ng/ul	0.00
58) Fluorene-d10	15.26	176	105845	21.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	16358	15.26	ng/ul	0.00
71) Anthracene-d10	17.11	188	163230	20.20	ng/ul	0.00
79) Pyrene-d10	19.42	212	192586	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	169192	20.50	ng/ul	0.00

Target Compounds

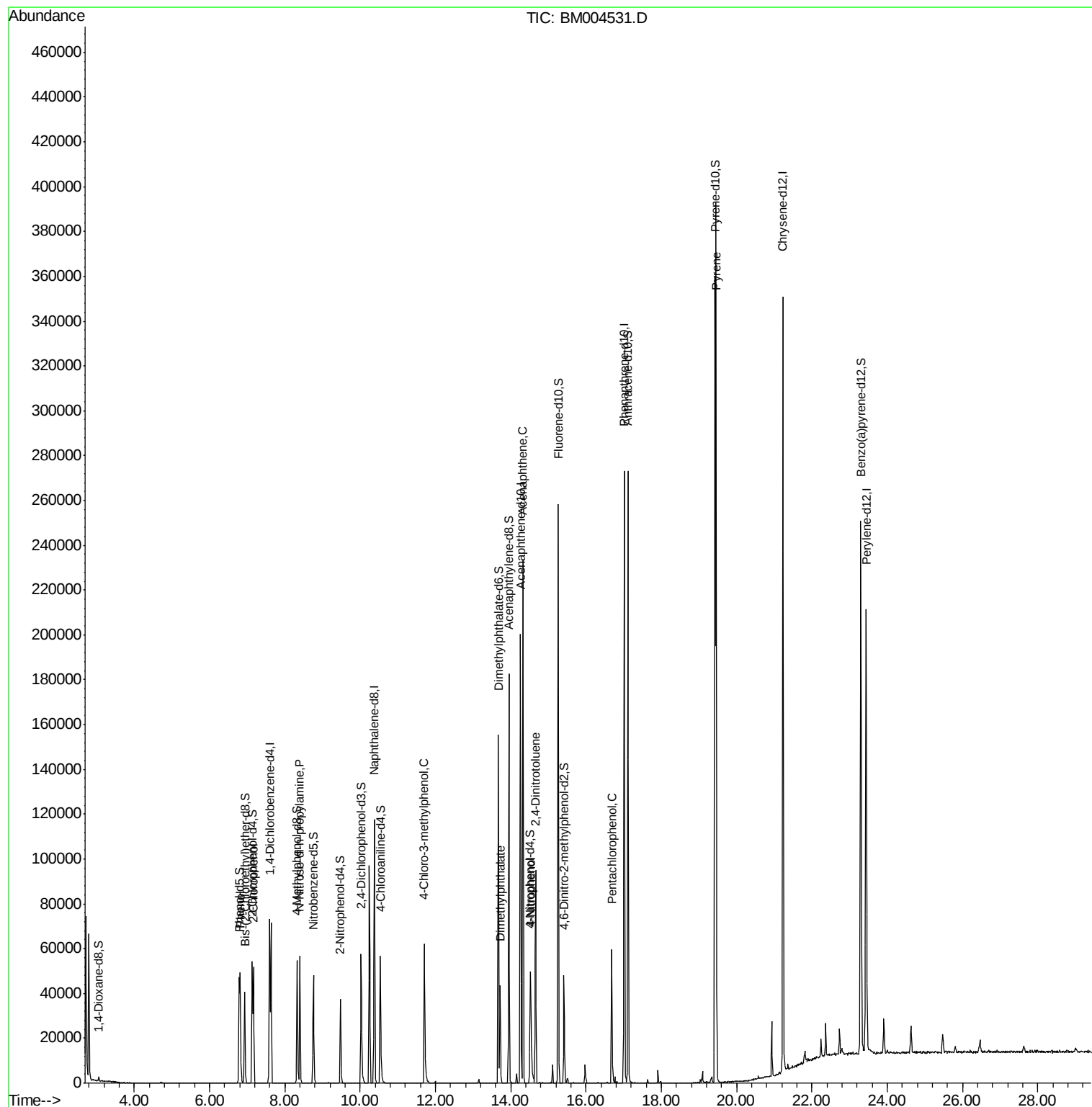
						Qvalue
6) Phenol	6.81	94	34191	18.02	ng/ul	97
10) 2-Chlorophenol	7.16	128	29606	17.72	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	23143	19.85	ng/ul	95
33) 4-Chloro-3-methylphenol	11.70	107	35533	18.29	ng/ul	96
45) Dimethylphthalate	13.72	163	34421	5.66	ng/ul	100
50) Acenaphthene	14.32	153	100111	19.48	ng/ul	97
53) 4-Nitrophenol	14.52	109	10811	18.43	ng/ul	91
55) 2,4-Dinitrotoluene	14.66	165	35167	19.72	ng/ul	89
69) Pentachlorophenol	16.68	266	14749	16.86	ng/ul	99
80) Pyrene	19.45	202	245884	18.47	ng/ul	99

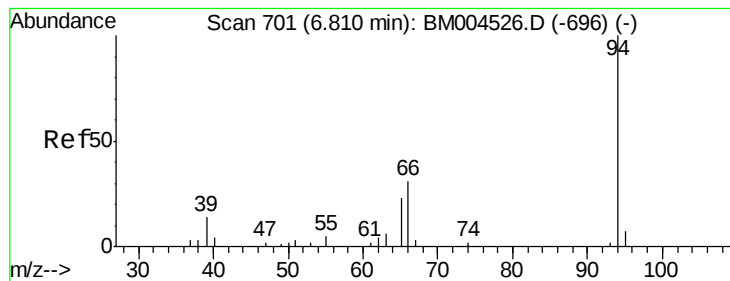
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 03 13:26:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 18.02 ng/ul

RT: 6.81 min Scan# 701

Delta R.T. 0.00 min

Lab File: BM004531.D

Acq: 03 Mar 2016 14:12

Instrument :

BNA_M

ClientSampleId :

D9R26MS

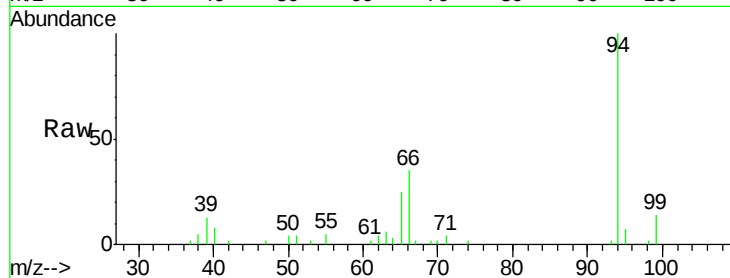
Tgt Ion: 94 Resp: 34191

Ion Ratio Lower Upper

94 100

65 24.5 21.0 31.6

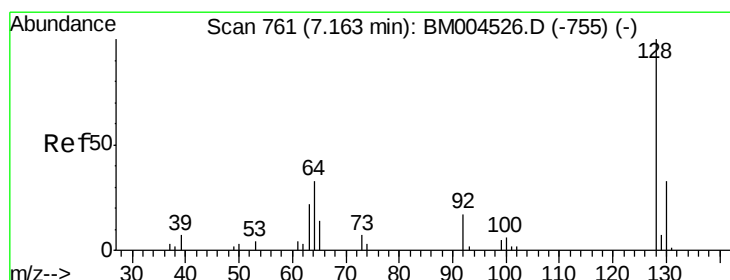
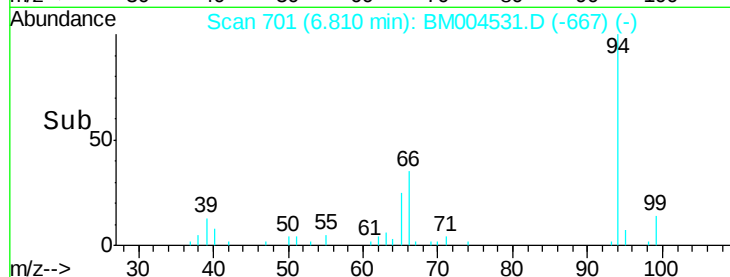
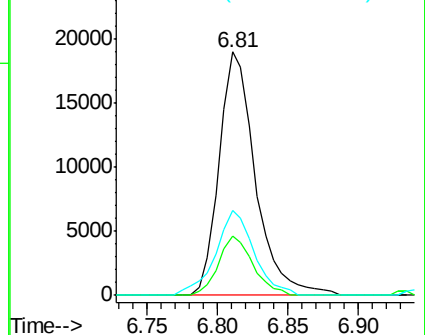
66 34.6 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004526.D (-696) (-)

Ion 65.00 (64.70 to 65.70): BM004526.D (-696) (-)

Ion 66.00 (65.70 to 66.70): BM004526.D (-696) (-)



#10

2-Chlorophenol

Concen: 17.72 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM004531.D

Acq: 03 Mar 2016 14:12

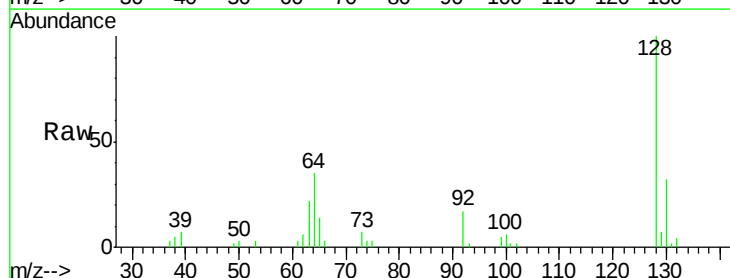
Tgt Ion: 128 Resp: 29606

Ion Ratio Lower Upper

128 100

64 35.3 31.9 47.9

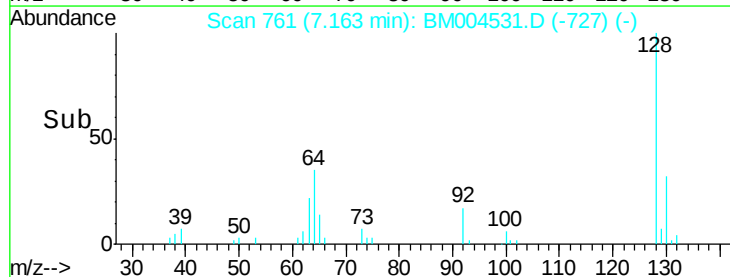
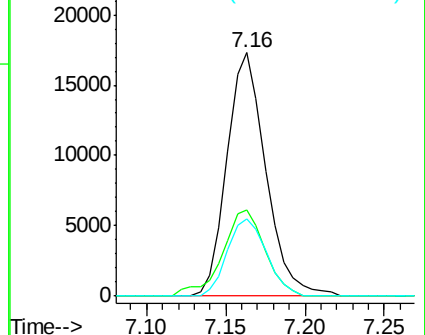
130 31.9 25.6 38.4

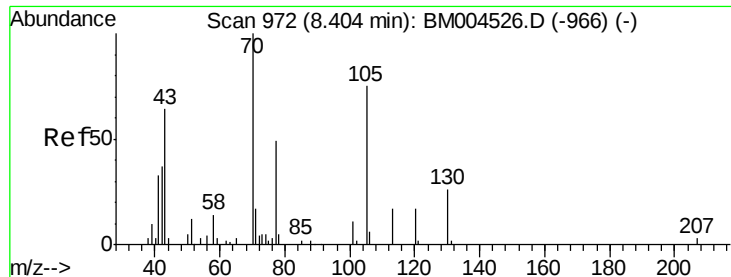


Abundance Ion 128.00 (127.70 to 128.70): BM004526.D (-755) (-)

Ion 64.00 (63.70 to 64.70): BM004526.D (-755) (-)

Ion 130.00 (129.70 to 130.70): BM004526.D (-755) (-)

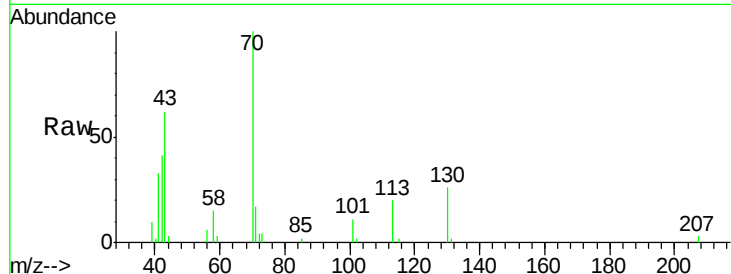




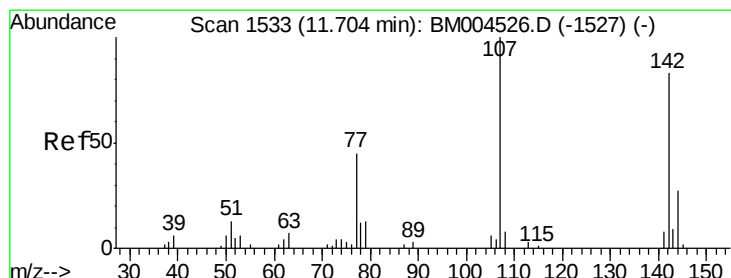
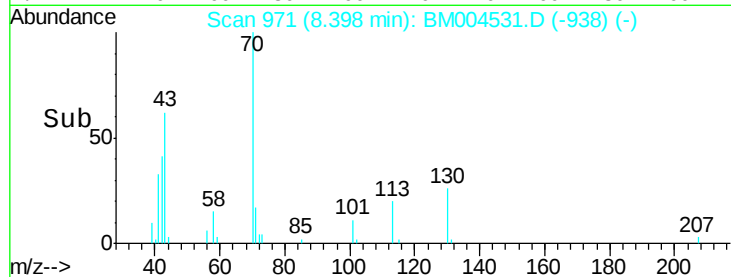
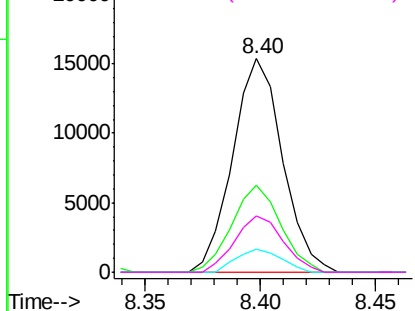
#15
N-Nitroso-di-n-propylamine
Concen: 19.85 ng/ul
RT: 8.40 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

Instrument :
BNA_M
ClientSampleId :
D9R26MS

Tgt Ion:	70	Resp:	23143
Ion	Ratio	Lower	Upper
70	100		
42	40.8	35.4	53.0
101	11.1	8.4	12.6
130	26.2	18.2	27.4

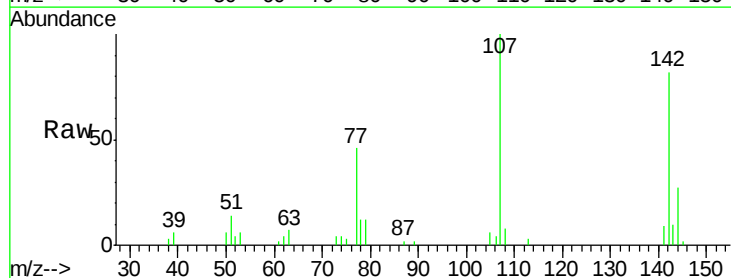


Abundance Ion 70.00 (69.70 to 70.70): BM004526.D (-966) (-)
Ion 42.00 (41.70 to 42.70): BM004526.D (-966) (-)
Ion 101.00 (100.70 to 101.70): BM004526.D (-966) (-)
Ion 130.00 (129.70 to 130.70): BM004526.D (-966) (-)

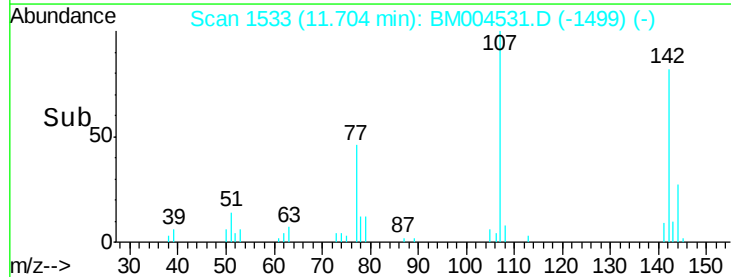
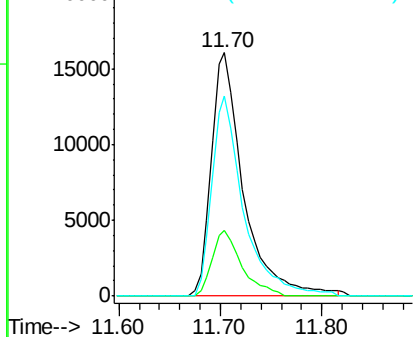


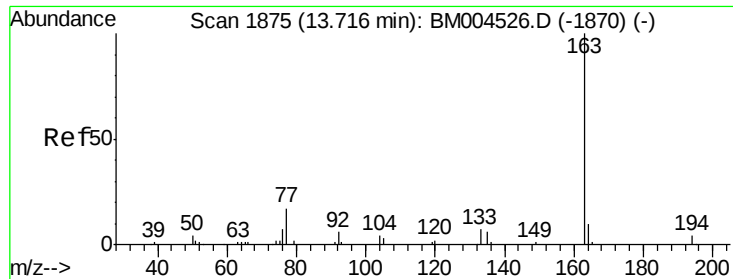
#33
4-Chloro-3-methylphenol
Concen: 18.29 ng/ul
RT: 11.70 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

Tgt Ion:	107	Resp:	35533
Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.4	30.6
142	82.4	62.5	93.7



Abundance Ion 107.00 (106.70 to 107.70): BM004526.D (-1527) (-)
Ion 144.00 (143.70 to 144.70): BM004526.D (-1527) (-)
Ion 142.00 (141.70 to 142.70): BM004526.D (-1527) (-)

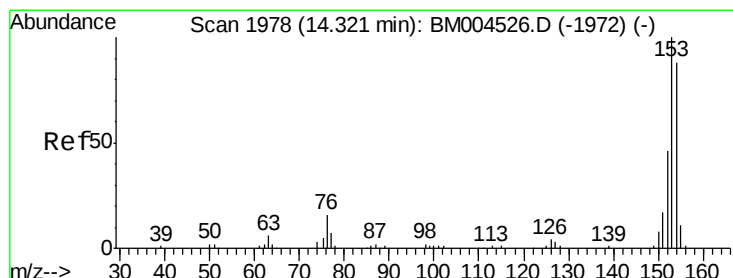
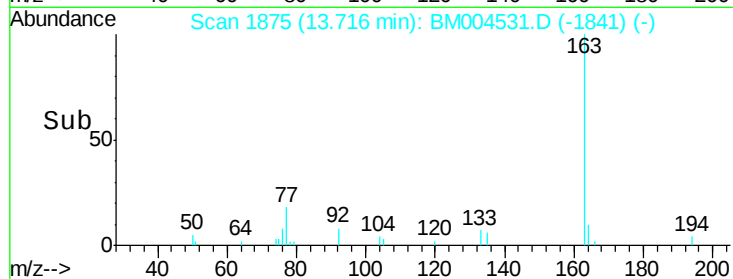
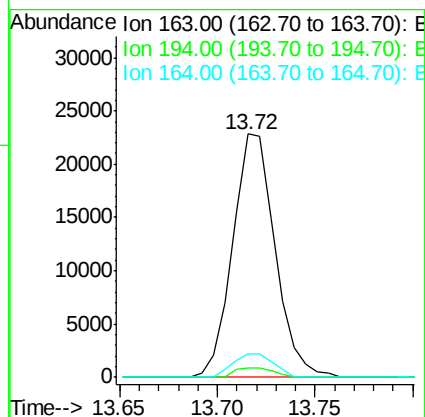
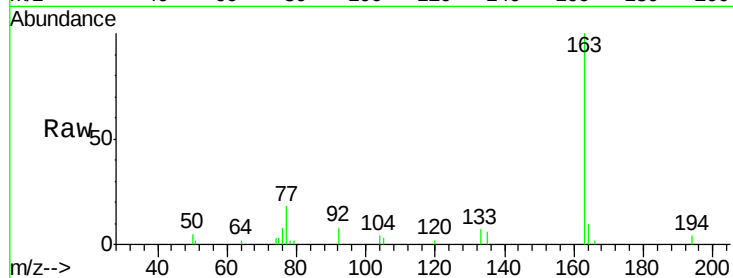




#45
Dimethylphthalate
Concen: 5.66 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

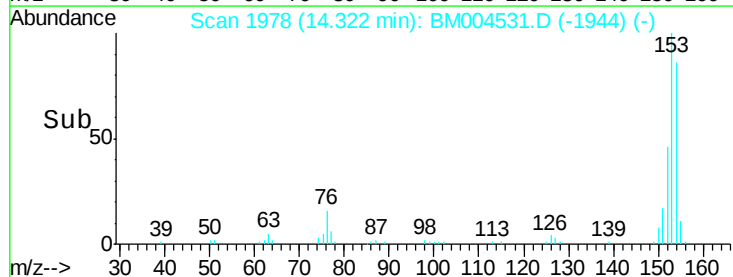
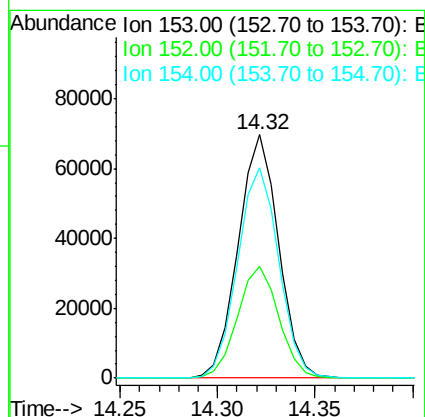
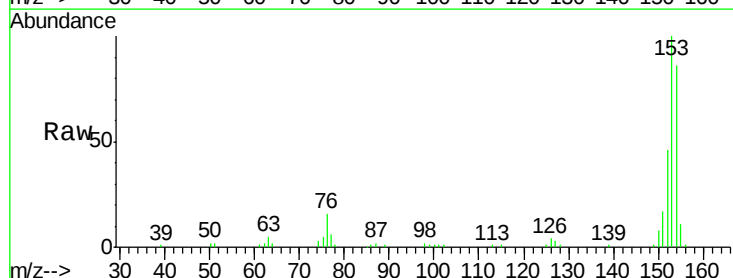
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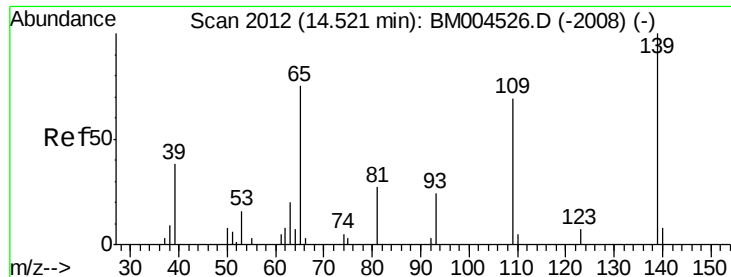
Tgt Ion:163 Resp: 34421
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 7.8 11.8



#50
Acenaphthene
Concen: 19.48 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

Tgt Ion:153 Resp: 100111
Ion Ratio Lower Upper
153 100
152 45.9 38.3 57.5
154 86.5 71.8 107.8

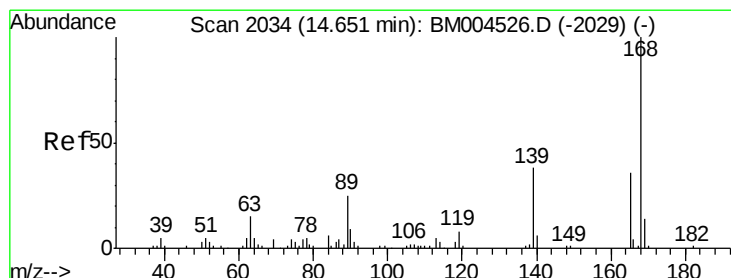
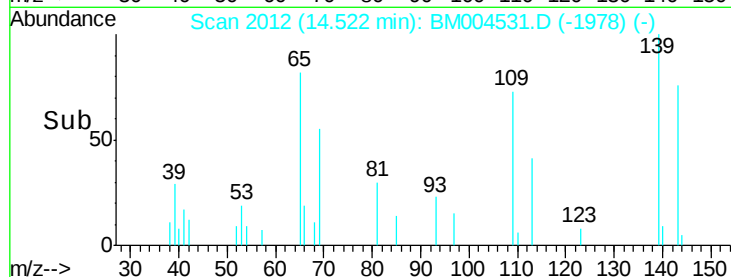
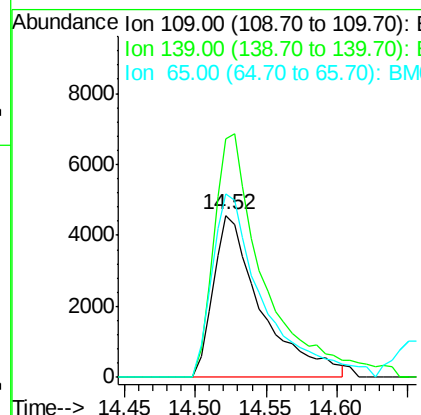
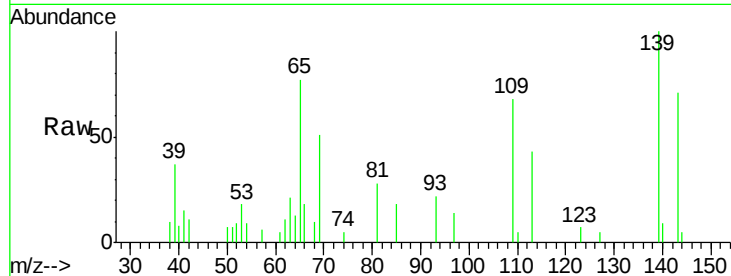




#53
4-Nitrophenol
Concen: 18.43 ng/ul
RT: 14.52 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

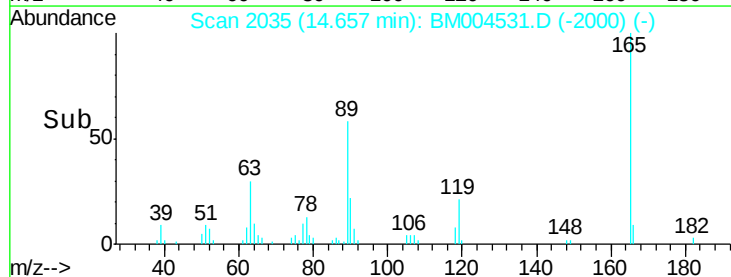
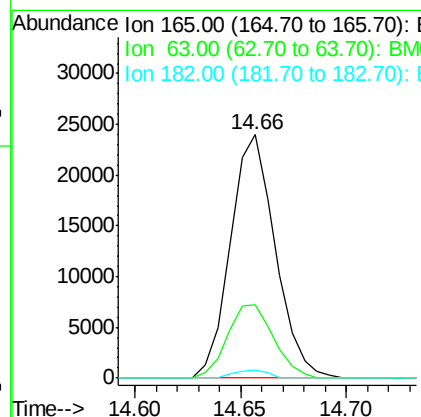
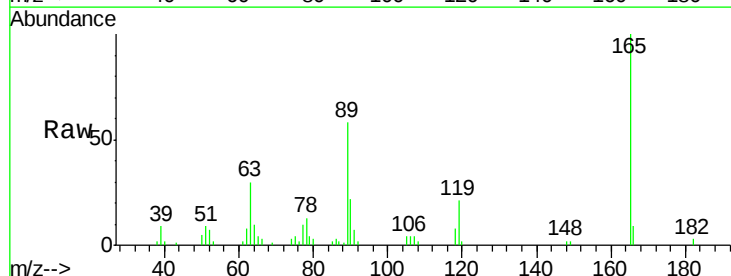
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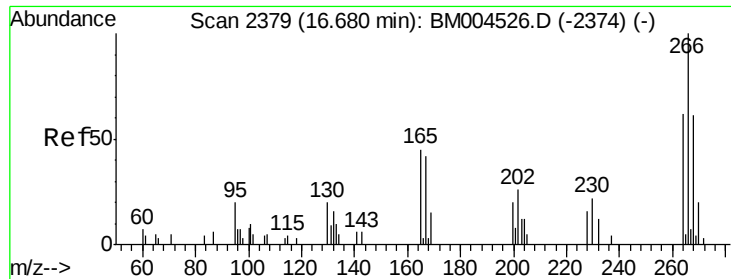
Tgt Ion:109 Resp: 10811
Ion Ratio Lower Upper
109 100
139 147.0 103.7 155.5
65 113.1 89.4 134.2



#55
2,4-Dinitrotoluene
Concen: 19.72 ng/ul
RT: 14.66 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BM004531.D
Acq: 03 Mar 2016 14:12

Tgt Ion:165 Resp: 35167
Ion Ratio Lower Upper
165 100
63 30.1 29.8 44.6
182 3.2 2.2 3.4





#69

Pentachlorophenol

Concen: 16.86 ng/ul

RT: 16.68 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BM004531.D

Acq: 03 Mar 2016 14:12

Instrument :

BNA_M

ClientSampleId :

D9R26MS

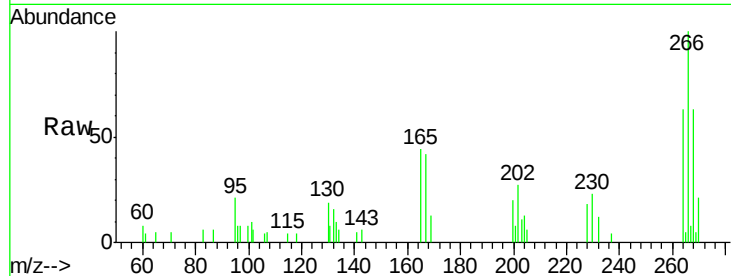
Tgt Ion:266 Resp: 14749

Ion Ratio Lower Upper

266 100

264 62.5 50.5 75.7

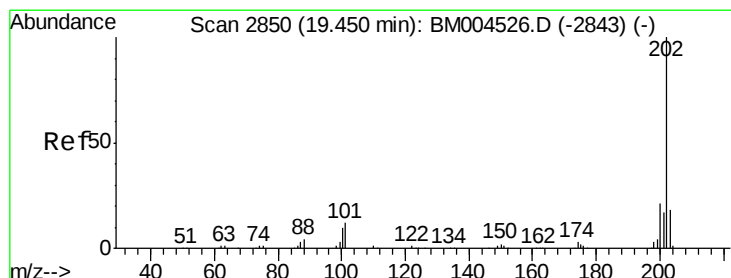
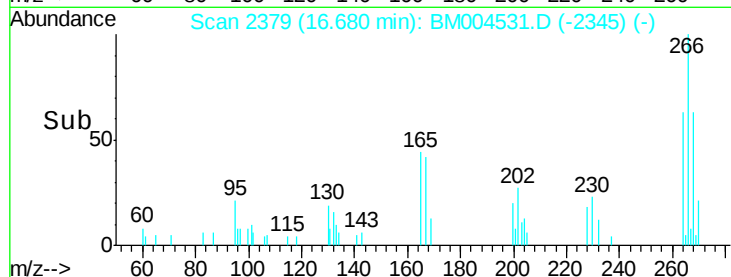
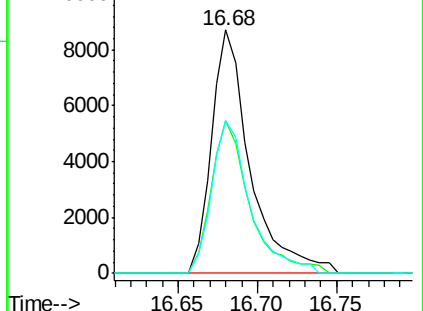
268 62.8 50.9 76.3



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



#80

Pyrene

Concen: 18.47 ng/ul

RT: 19.45 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BM004531.D

Acq: 03 Mar 2016 14:12

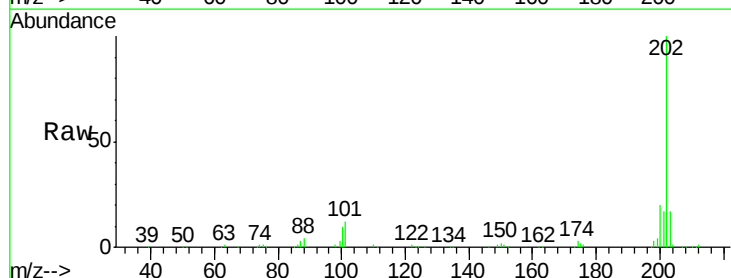
Tgt Ion:202 Resp: 245884

Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.2

100 10.5 8.5 12.7



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

