

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004854.D
 Acq On : 01 Apr 2016 23:39
 Operator : UM/SJ
 Sample : H2004-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB5

Quant Time: Apr 02 01:05:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 02 00:53:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	52230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	252457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	150978	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	354549	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	429492	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	445016	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	1311	1.02	ng/uL	0.00
5) Phenol-d5	6.99	99	26148	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	79912	31.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	85304	24.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	56845	14.58	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	58435	32.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	64671	32.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	104056	28.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	3538	0.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	420503	35.30	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	488757	34.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12882	5.47	ng/ul	0.00
58) Fluorene-d10	15.46	176	353372	34.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	67540	31.79	ng/ul	0.00
71) Anthracene-d10	17.30	188	562647	35.47	ng/ul	0.00
79) Pyrene-d10	19.60	212	644316	34.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	760515	38.57	ng/ul	0.00

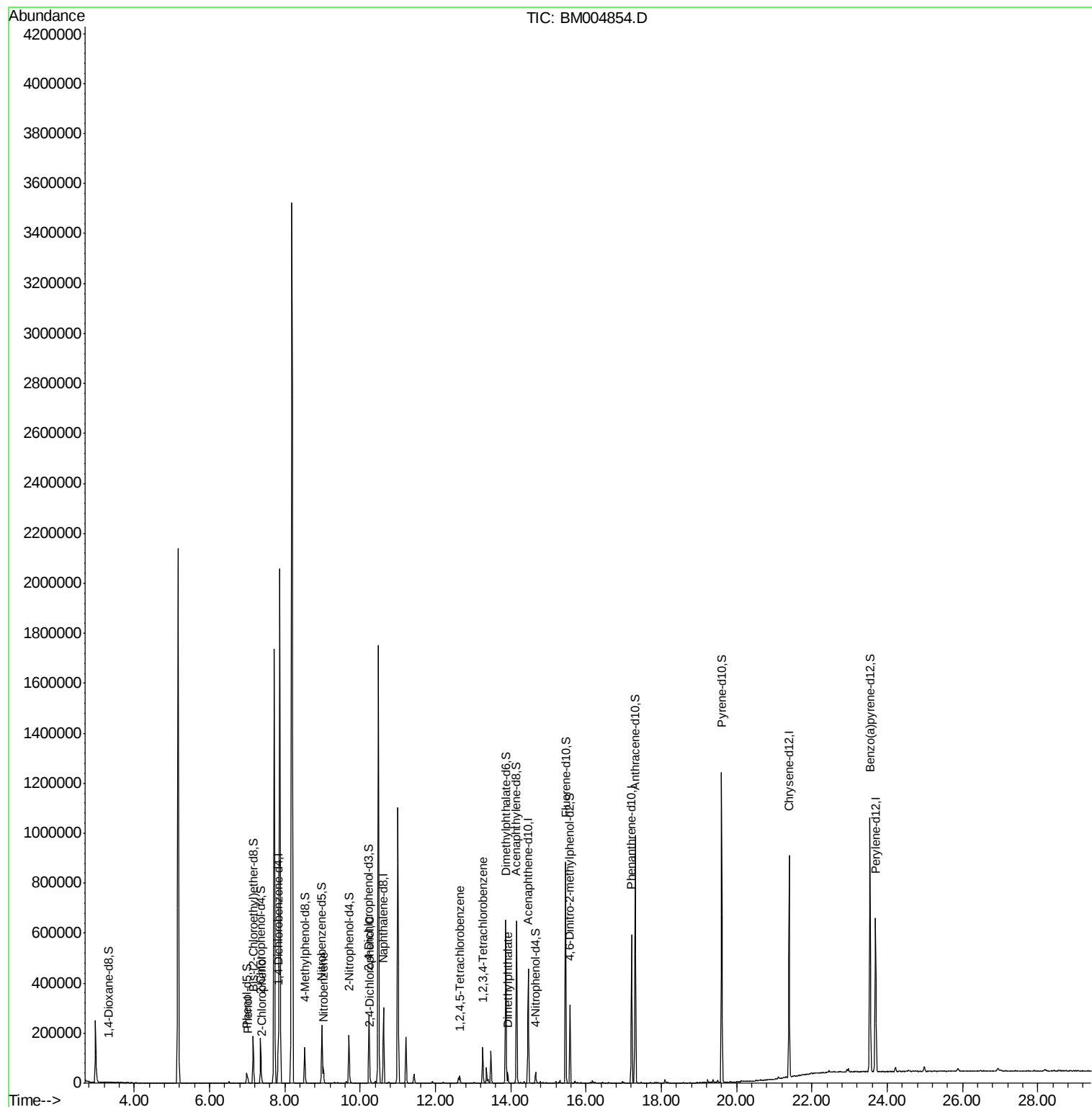
Target Compounds				Ovalue		
6) Phenol	7.02	94	11617	2.40	ng/ul	99
10) 2-Chlorophenol	7.39	128	4844	1.31	ng/ul#	89
20) Nitrobenzene	9.02	77	37661	8.76	ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	4819	1.26	ng/ul#	80
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	10049	2.15	ng/ul	99
45) Dimethylphthalate	13.92	163	14419	1.19	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	44496	9.66	ng/uL	99

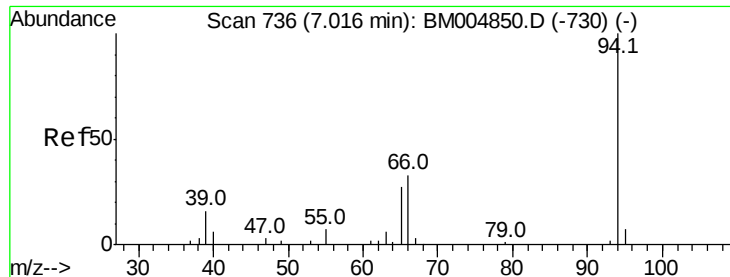
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.40 ng/ul

RT: 7.02 min Scan# 736

Delta R.T. -0.00 min

Lab File: BM004854.D

Acq: 01 Apr 2016 23:39

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BNA_M

ClientSampleId :

C0AB5

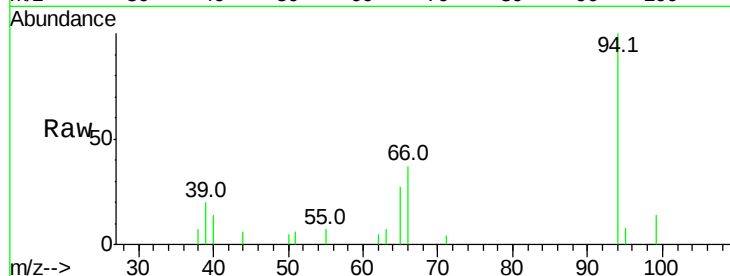
Tot Ion: 94 Resp: 11617

Ion Ratio Lower Upper

94 100

65 26.6 21.0 31.6

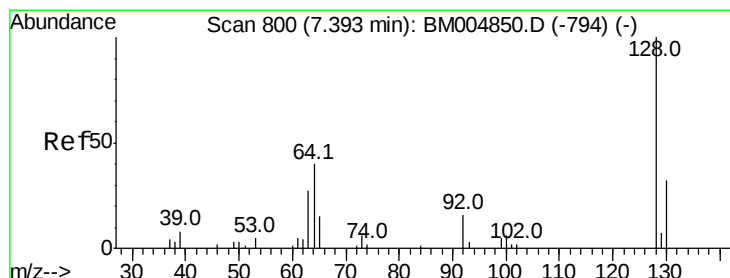
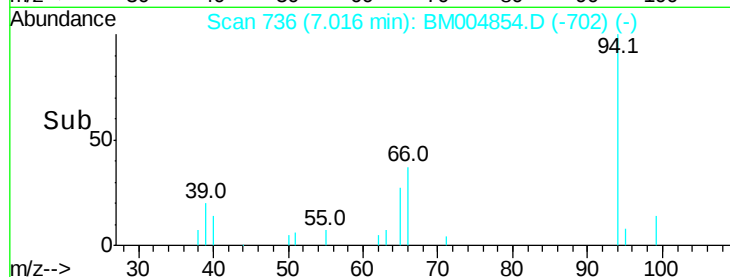
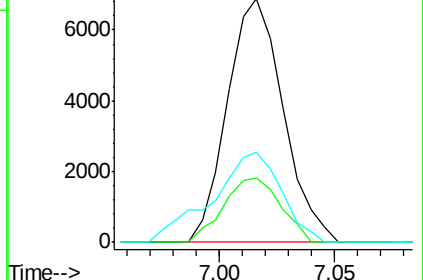
66 37.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004854.D (-730) (-)

Ion 65.00 (64.70 to 65.70): BM004854.D (-730) (-)

Ion 66.00 (65.70 to 66.70): BM004854.D (-730) (-)



#10

2-Chlorophenol

Concen: 1.31 ng/ul

RT: 7.39 min Scan# 800

Delta R.T. -0.00 min

Lab File: BM004854.D

Acq: 01 Apr 2016 23:39

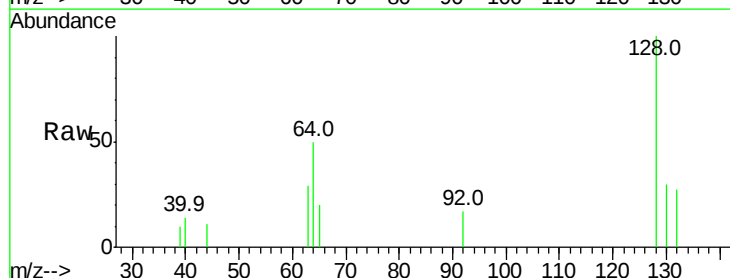
Tgt Ion:128 Resp: 4844

Ion Ratio Lower Upper

128 100

64 50.3 31.9 47.9#

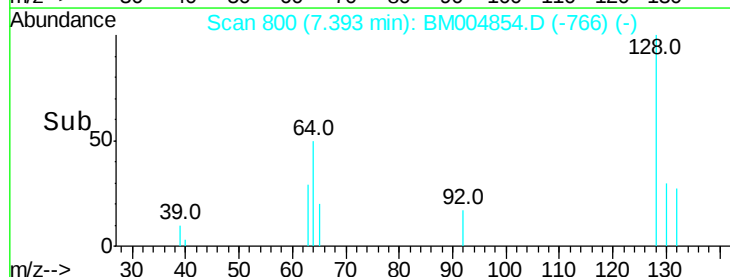
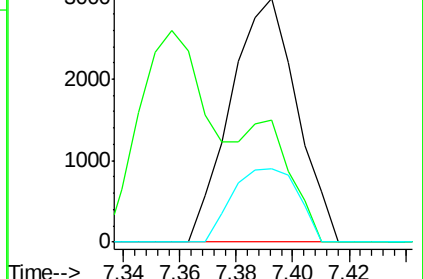
130 30.0 25.6 38.4

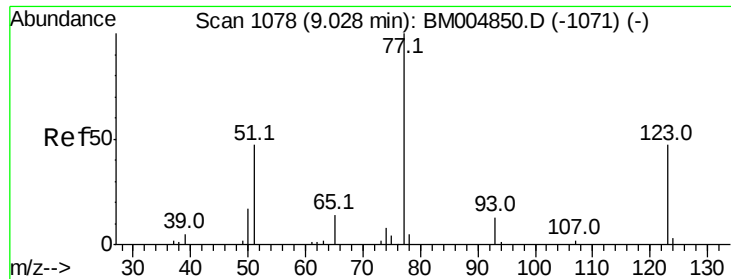


Abundance Ion 128.00 (127.70 to 128.70): BM004854.D (-794) (-)

Ion 64.00 (63.70 to 64.70): BM004854.D (-794) (-)

Ion 130.00 (129.70 to 130.70): BM004854.D (-794) (-)

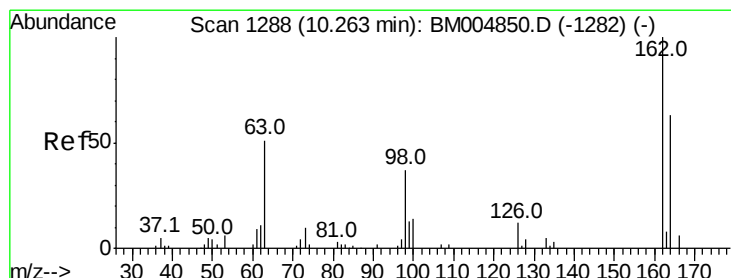
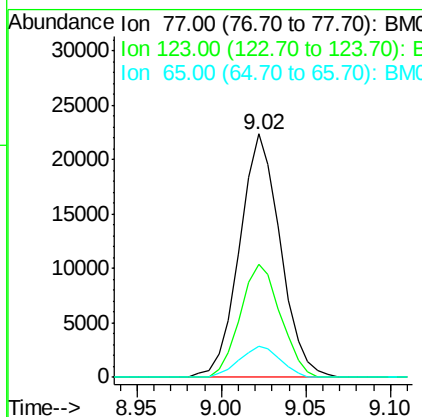
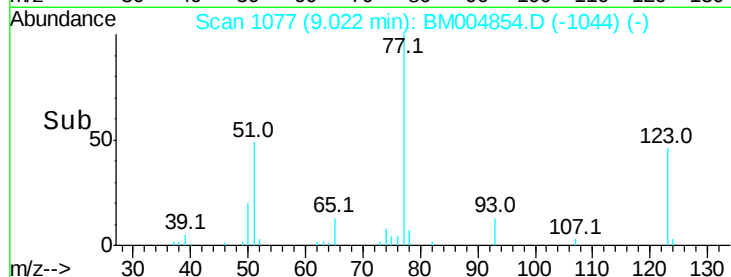
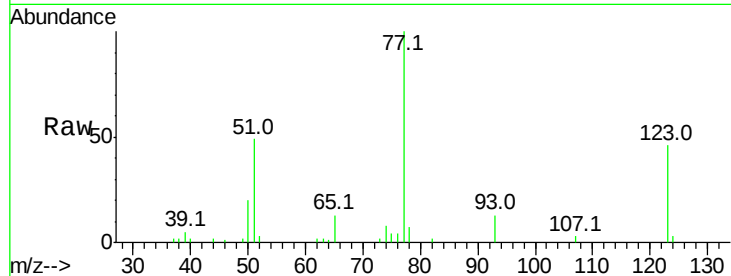




#20
Nitrobenzene
Concen: 8.76 ng/ul
RT: 9.02 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BM004854.D
Acq: 01 Apr 2016 23:39

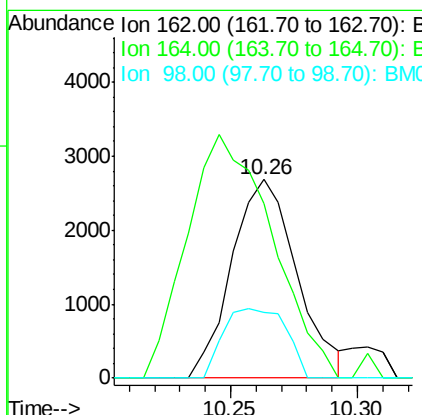
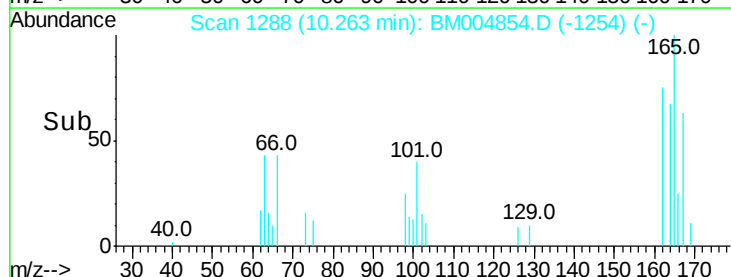
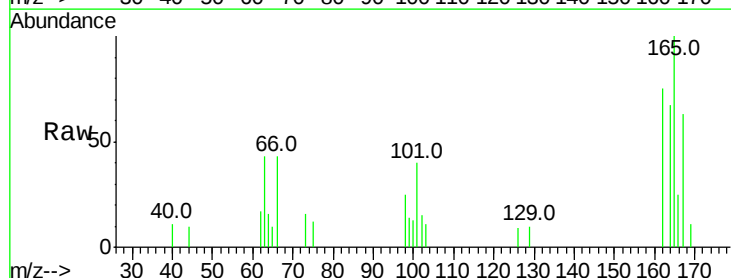
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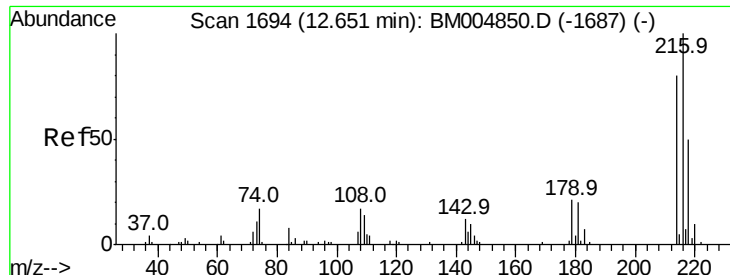
Tot Ion: 77 Resp: 37661
Ion Ratio Lower Upper
77 100
123 46.2 39.0 58.4
65 12.8 10.4 15.6



#27
2,4-Dichlorophenol
Concen: 1.26 ng/ul
RT: 10.26 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM004854.D
Acq: 01 Apr 2016 23:39

Tgt Ion:162 Resp: 4819
Ion Ratio Lower Upper
162 100
164 88.2 52.1 78.1#
98 33.4 28.4 42.6

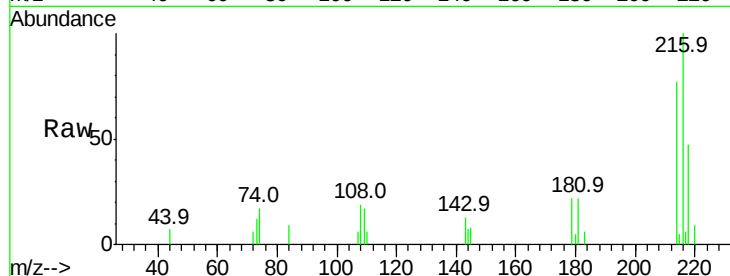




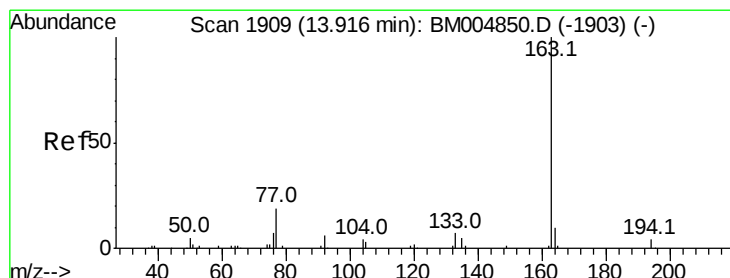
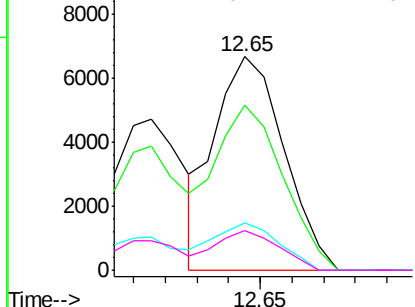
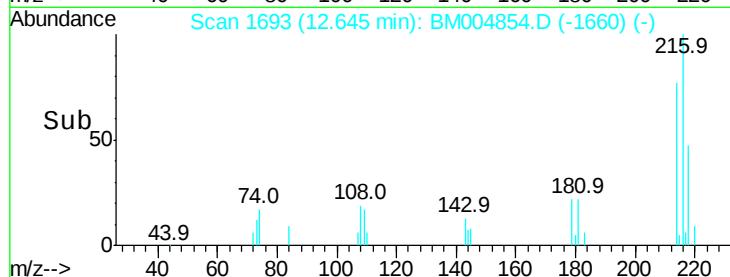
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.15 ng/ul
 RT: 12.65 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM004854.D
 Acq: 01 Apr 2016 23:39

Instrument :
 BNA_M
 ClientSampleId :
 C0AB5

Tot Ion:216 Resp: 10049
 Ion Ratio Lower Upper
 216 100
 214 77.3 62.5 93.7
 179 22.1 18.2 27.2
 108 18.8 14.2 21.2

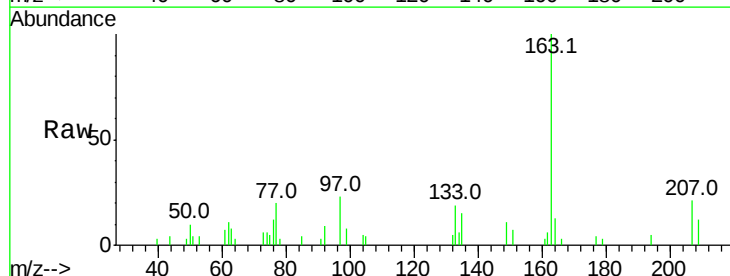


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

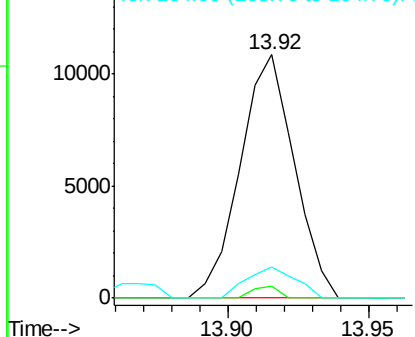
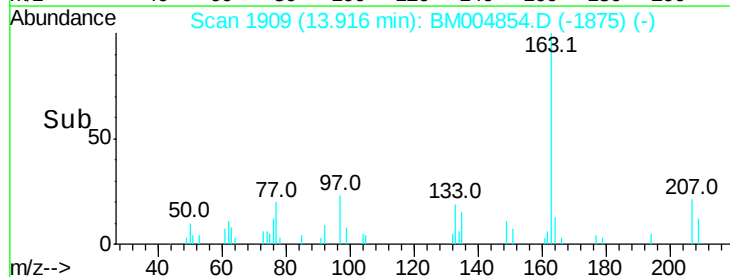


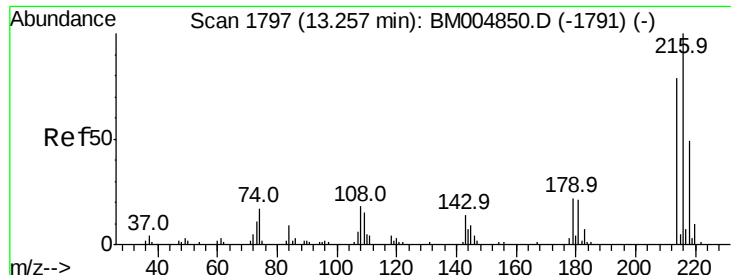
#45
 Dimethylphthalate
 Concen: 1.19 ng/ul
 RT: 13.92 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BM004854.D
 Acq: 01 Apr 2016 23:39

Tgt Ion:163 Resp: 14419
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.2 4.8
 164 12.6 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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 9.66 ng/uL

RT: 13.26 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BM004854.D

Acq: 01 Apr 2016 23:39

Instrument :

BNA_M

ClientSampleId :

C0AB5

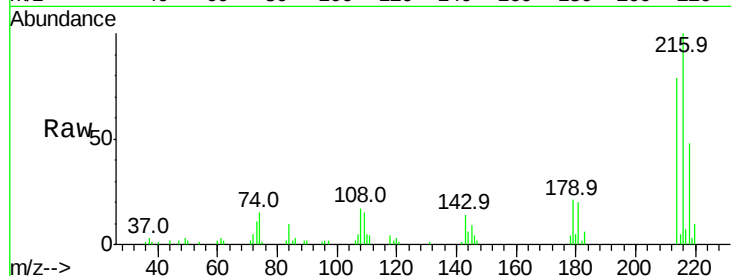
Tot Ion: 216 Resp: 44496

Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

218 48.1 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

