

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015566.D
 Acq On : 08 Jun 2018 16:35
 Operator : SJ/JU
 Sample : J3261-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C07Q3

Quant Time: Jun 08 17:50:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 08 14:39:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	73848	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	372032	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	240070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	599679	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	717007	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	814292	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9244	6.08	ng/uL	0.00
5) Phenol-d5	7.49	99	45077	6.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	153112	37.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	151428	29.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	97250	16.84	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	99515	39.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	110026	40.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	186456	33.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	14.36	166	873582	43.95	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	930735	43.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	26708	6.96	ng/ul	0.00
57) Fluorene-d10	15.94	176	709465	42.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	129401	35.82	ng/ul	0.00
70) Anthracene-d10	17.78	188	1187132	43.42	ng/ul	0.00
78) Pyrene-d10	20.03	212	1400714	45.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	1785726	43.75	ng/ul	0.00

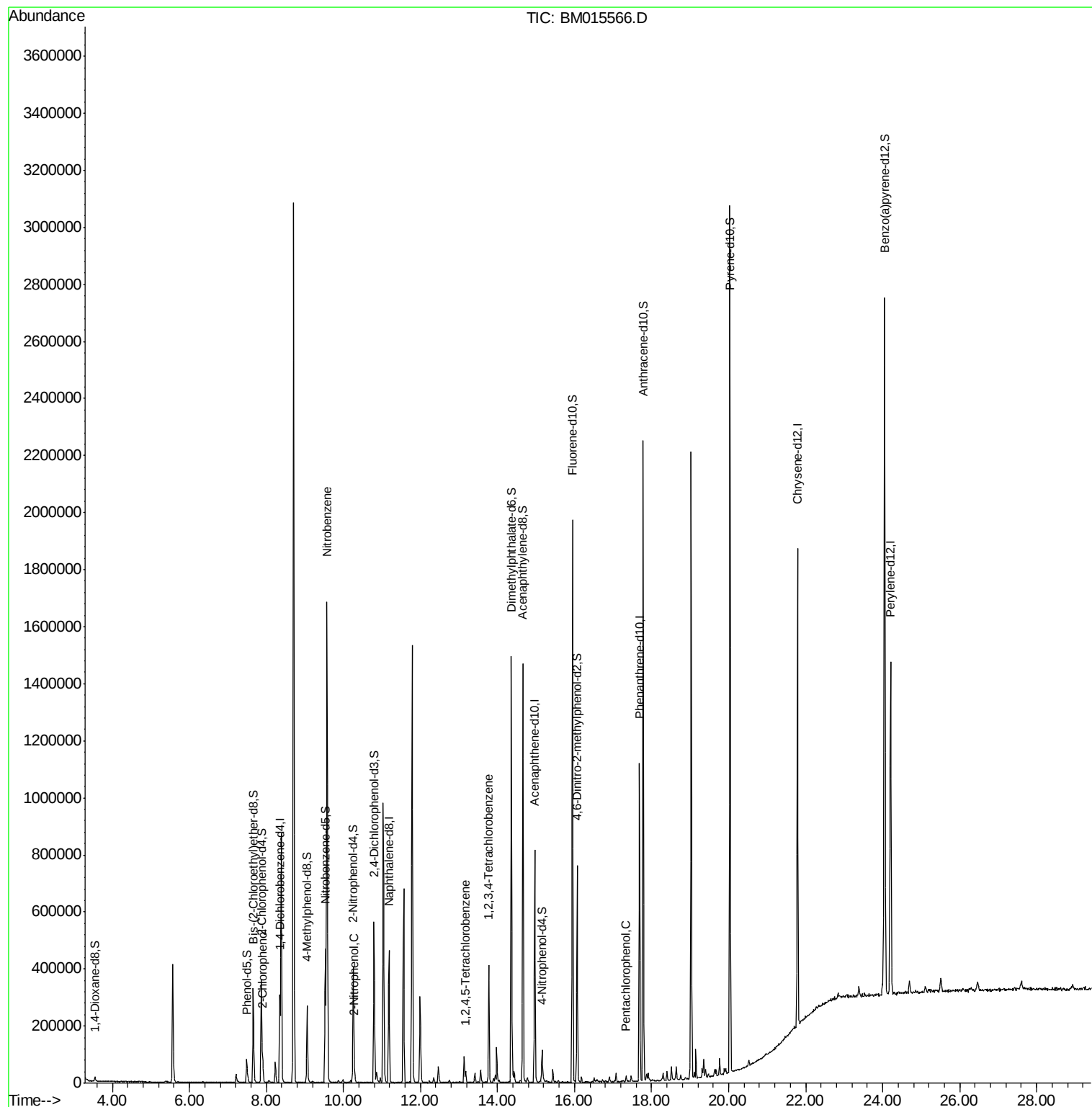
Target Compounds				Ovalue		
10) 2-Chlorophenol	7.90	128	40303	7.630	ng/ul#	89
20) Nitrobenzene	9.57	77	878885	130.072	ng/ul	91
23) 2-Nitrophenol	10.29	139	9486	3.058	ng/ul#	87
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	12265	1.770	ng/ul	97
68) Pentachlorophenol	17.34	266	4246	1.036	ng/ul#	90
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	99812	13.801	ng/uL	98

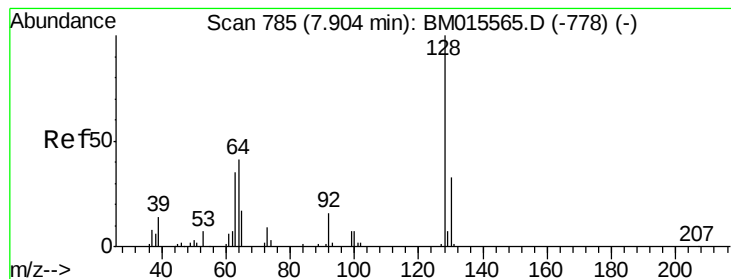
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 7.630 ng/ul

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

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ClientSampleId :

C07Q3

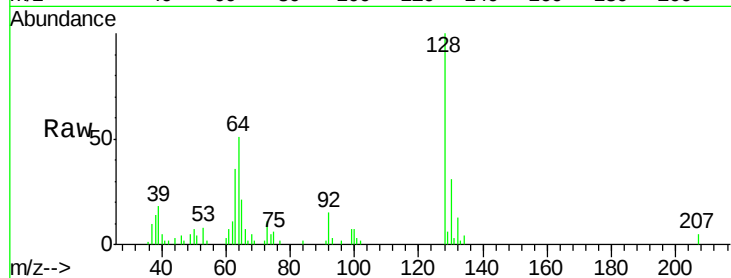
Tot Ion:128 Resp: 40303

Ion Ratio Lower Upper

128 100

64 51.2 31.9 47.9#

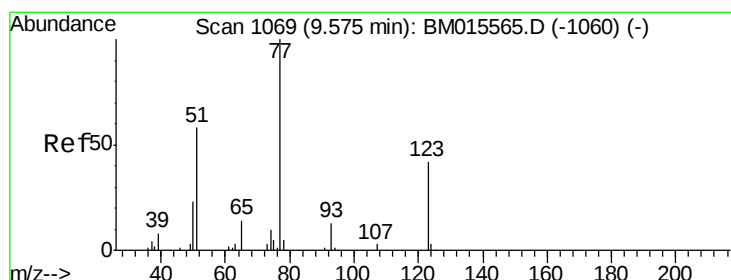
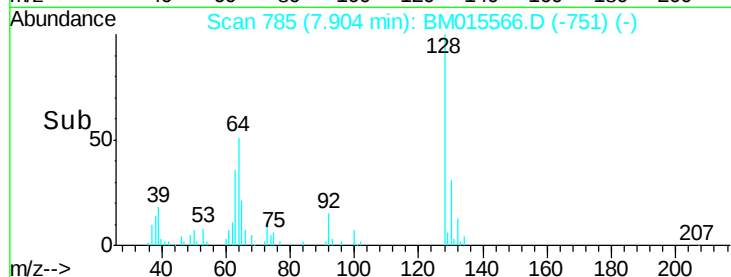
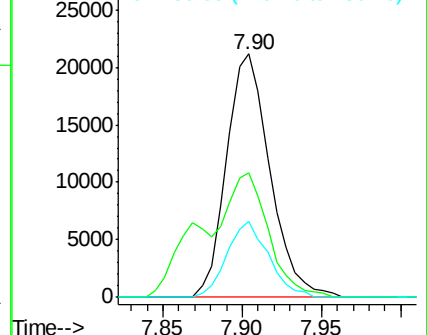
130 31.1 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 130.072 ng/ul

RT: 9.57 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM015566.D

Acq: 08 Jun 2018 16:35

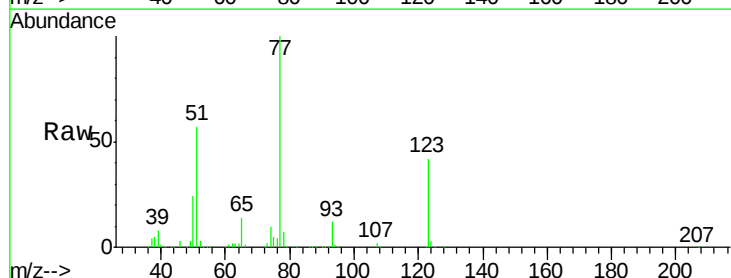
Tgt Ion: 77 Resp: 878885

Ion Ratio Lower Upper

77 100

123 41.6 39.0 58.4

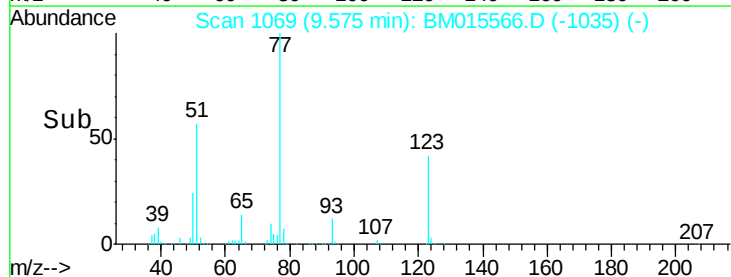
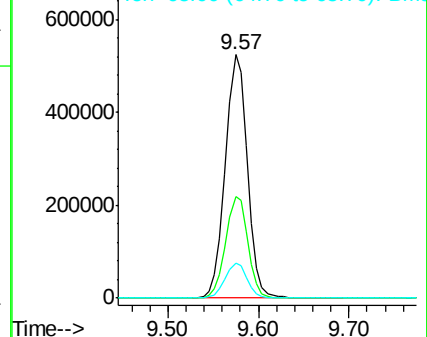
65 14.2 10.4 15.6

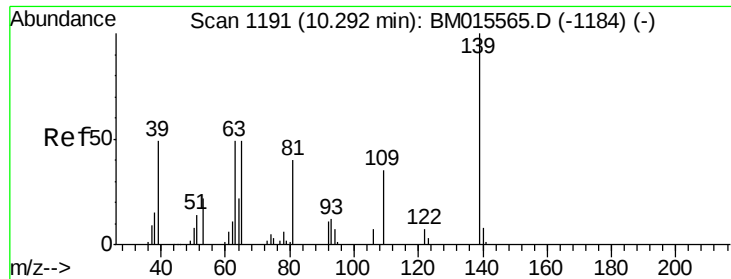


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

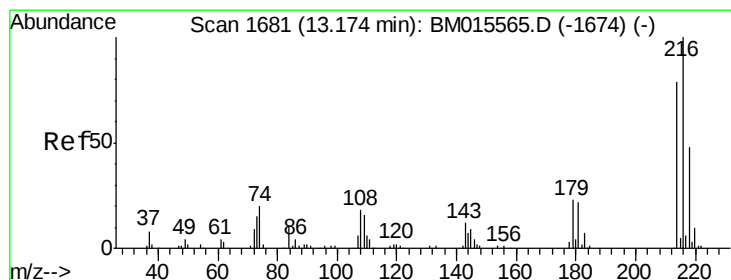
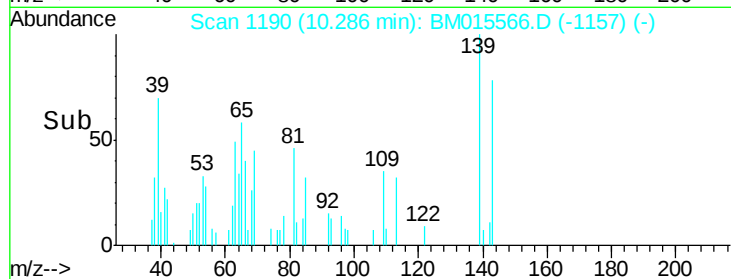
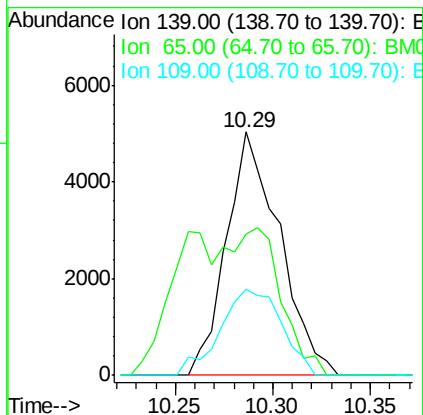
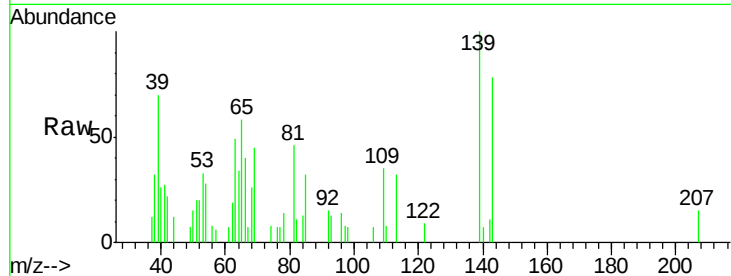




#23
2-Nitrophenol
Concen: 3.058 ng/ul
RT: 10.29 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM015566.D
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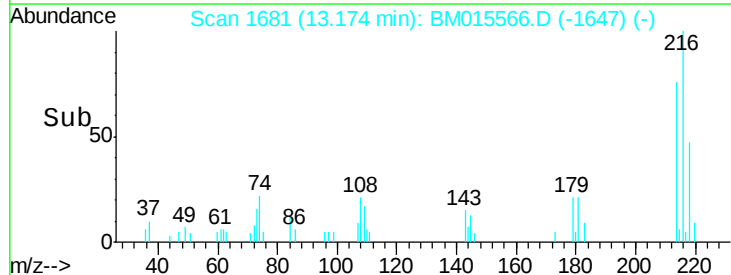
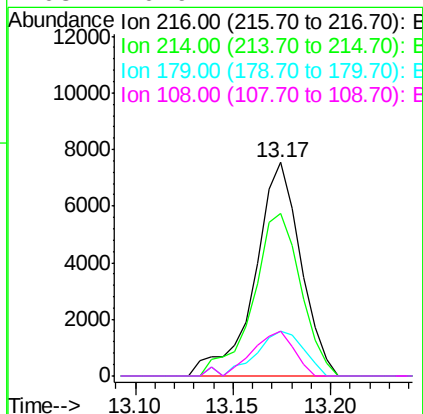
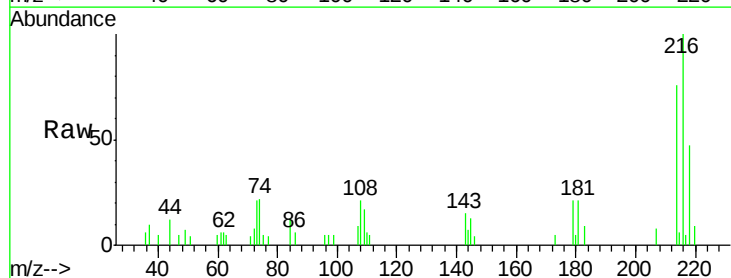
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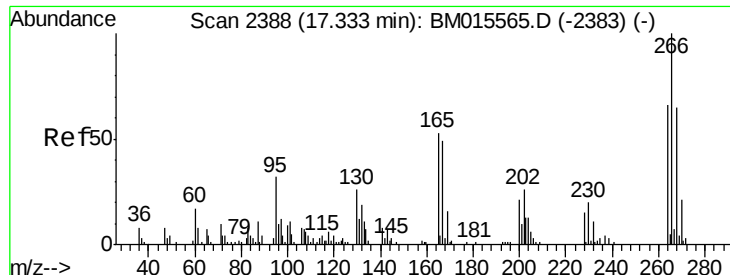
Tot Ion:139 Resp: 9486
Ion Ratio Lower Upper
139 100
65 58.1 36.3 54.5#
109 35.4 26.4 39.6



#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.770 ng/ul
RT: 13.17 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM015566.D
Acq: 08 Jun 2018 16:35

Tgt Ion:216 Resp: 12265
Ion Ratio Lower Upper
216 100
214 76.1 62.5 93.7
179 21.2 18.2 27.2
108 20.9 14.2 21.2





#68

Pentachlorophenol

Concen: 1.036 ng/ul

RT: 17.34 min Scan# 2389

Delta R.T. 0.01 min

Lab File: BM015566.D

Acq: 08 Jun 2018 16:35

Instrument :

BNA_M

ClientSampleId :

C07Q3

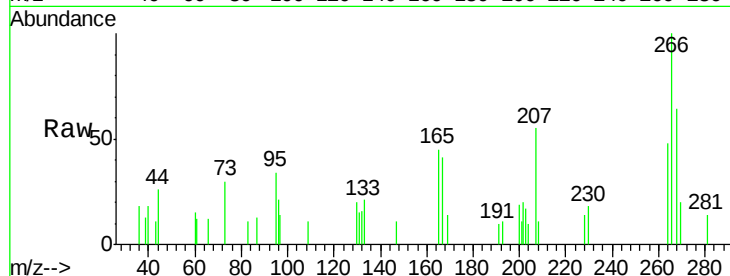
Tot Ion:266 Resp: 4246

Ion Ratio Lower Upper

266 100

264 47.8 50.5 75.7#

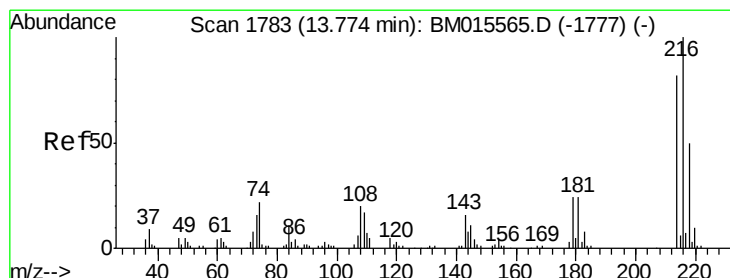
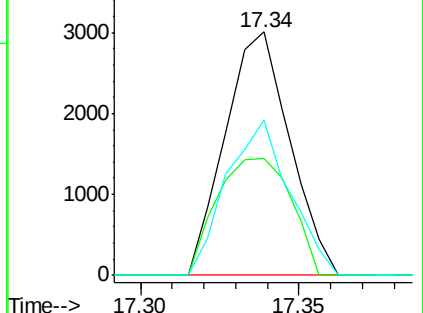
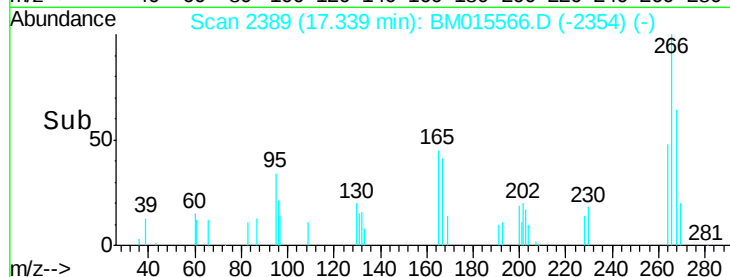
268 63.6 50.9 76.3



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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 13.801 ng/uL

RT: 13.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM015566.D

Acq: 08 Jun 2018 16:35

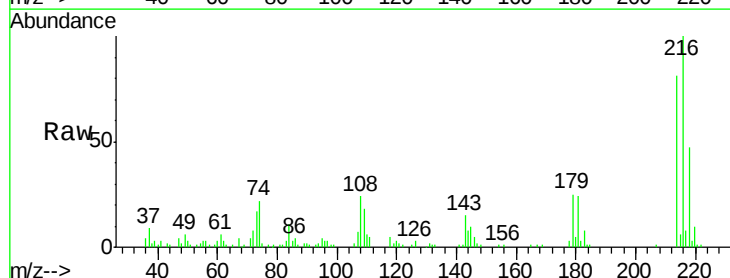
Tgt Ion:216 Resp: 99812

Ion Ratio Lower Upper

216 100

214 80.6 62.5 93.7

218 47.5 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

