

Data File : BN002841.D
Acq On : 24 Sep 2018 23:38
Operator : JU/SJ
Sample : J5013-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08M7

Quant Time: Sep 25 05:44:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 05:43:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	136423	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	560969	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.27	164	303934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	624401	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	601492	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	615000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18405	6.22	ng/uL	0.00
5) Phenol-d5	6.83	99	89116	7.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	230467	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	260938	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	153257	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	151342	34.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	172637	35.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	280140	31.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	7347	0.72	ng/ul	0.03
43) Dimethylphthalate-d6	13.69	166	850473	35.75	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1062064	34.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	19528	4.96	ng/ul	0.02
57) Fluorene-d10	15.27	176	746481	35.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	119061	30.48	ng/ul	0.00
70) Anthracene-d10	17.13	188	1073956	36.03	ng/ul	0.00
78) Pyrene-d10	19.43	212	1111918	35.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1171684	36.19	ng/ul	0.00

Target Compounds

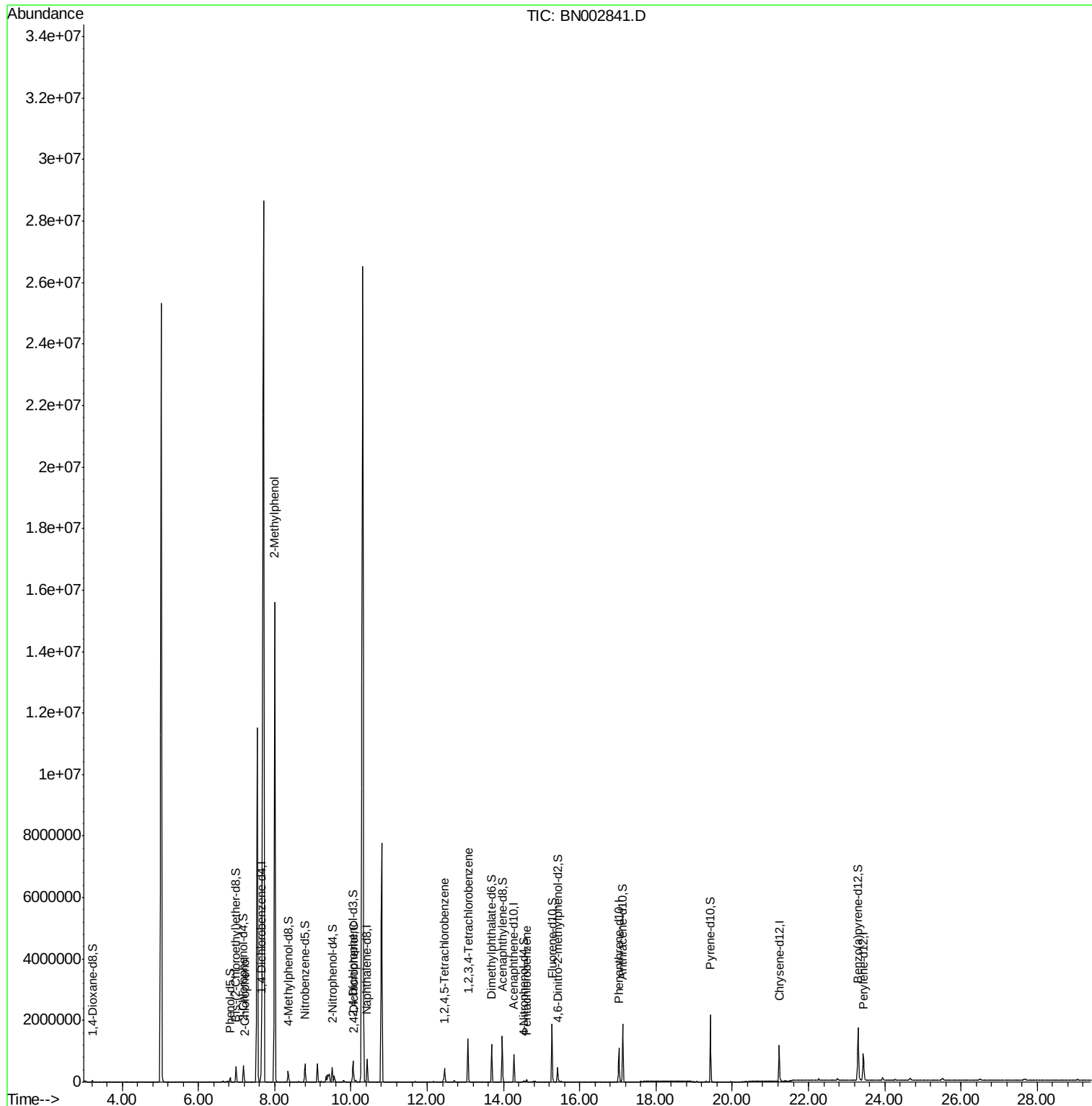
					Qvalue	
10) 2-Chlorophenol	7.22	128	18013	1.904	ng/ul#	86
11) 2-Methylphenol	8.00	108	50511	5.758	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	13475	1.564	ng/ul#	79
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	153578	15.211	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	450126	42.197	ng/uL	99
73) Pentachlorobenzene	14.61	250	22114	2.322	ng/uL	94

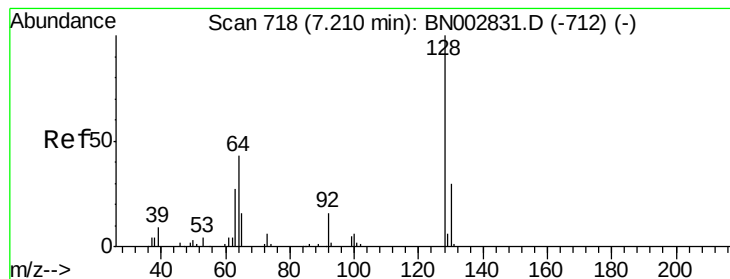
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.904 ng/ul

RT: 7.22 min Scan# 719

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampleId :

C08M7

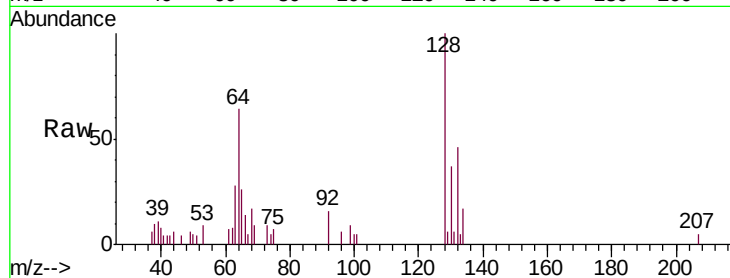
Tgt Ion:128 Resp: 18013

Ion Ratio Lower Upper

128 100

64 63.5 40.4 60.6#

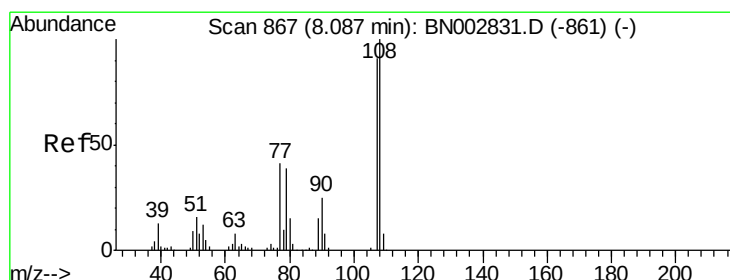
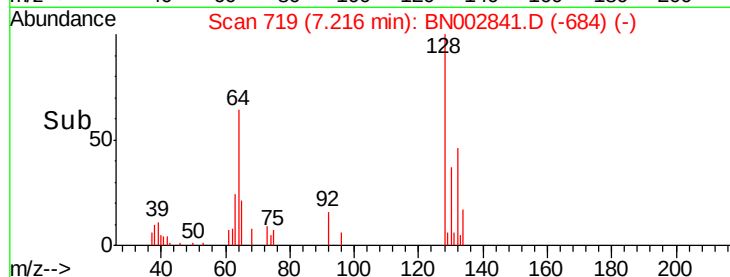
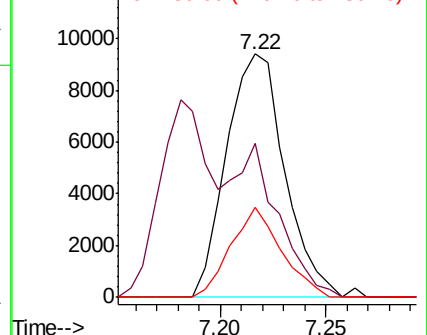
130 36.8 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 5.758 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.08 min

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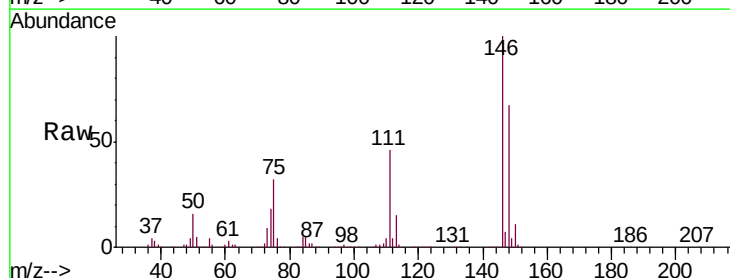
Acq: 24 Sep 2018 23:38

Tgt Ion:108 Resp: 50511

Ion Ratio Lower Upper

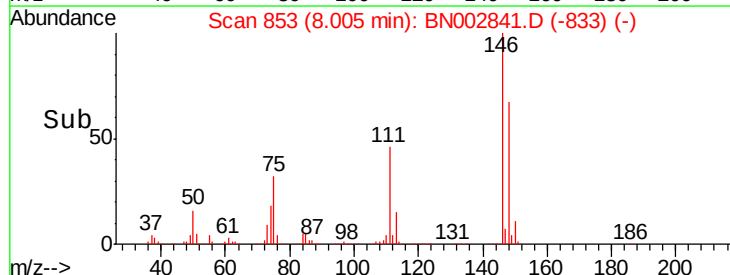
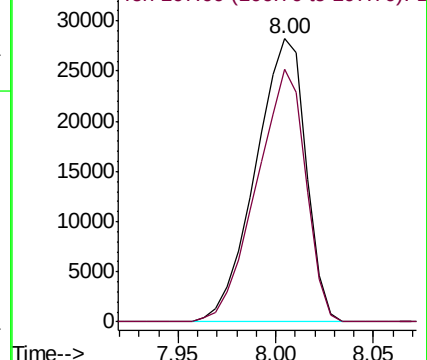
108 100

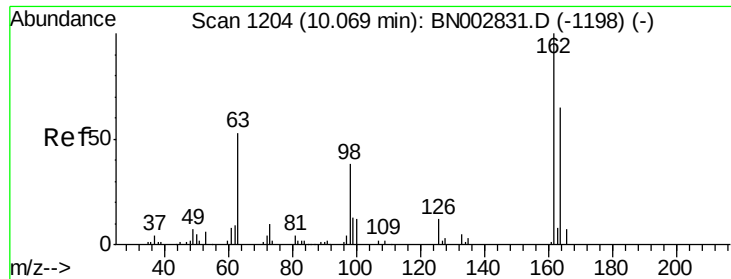
107 89.3 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

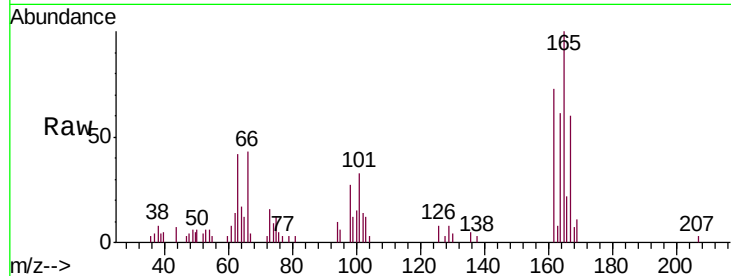




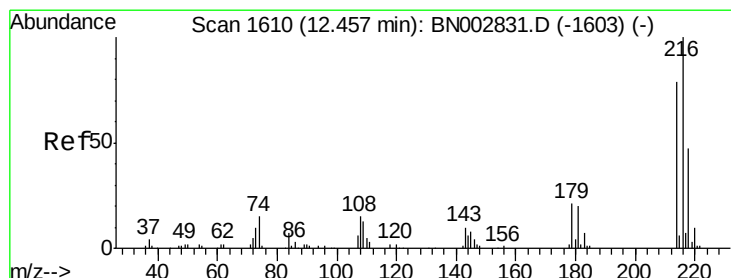
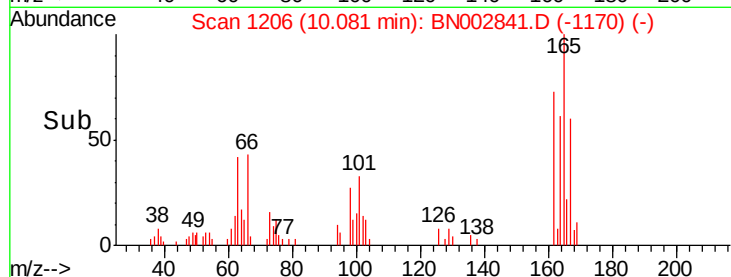
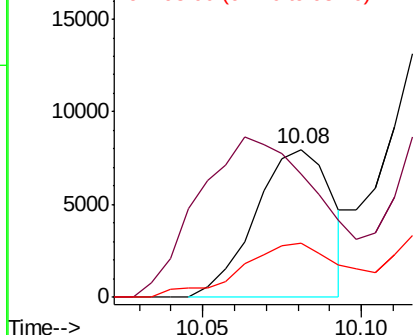
#27
 2,4-Dichlorophenol
 Concen: 1.564 ng/ul
 RT: 10.08 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BN002841.D
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Tgt Ion:162 Resp: 13475
 Ion Ratio Lower Upper
 162 100
 164 83.2 48.6 73.0#
 98 36.3 26.6 40.0



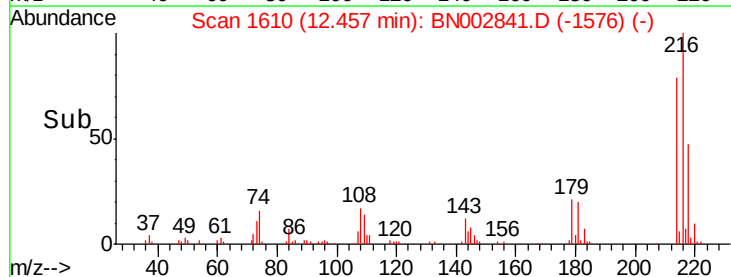
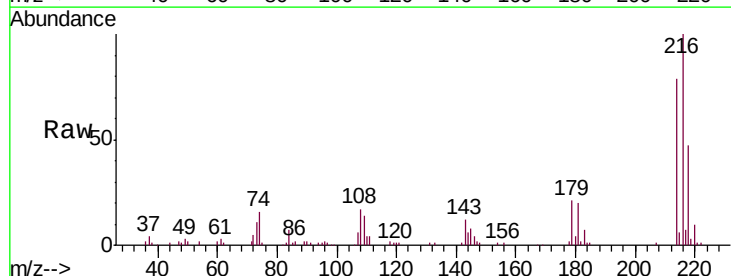
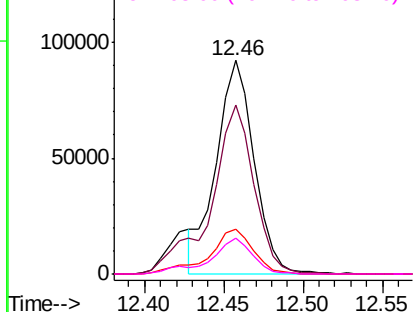
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

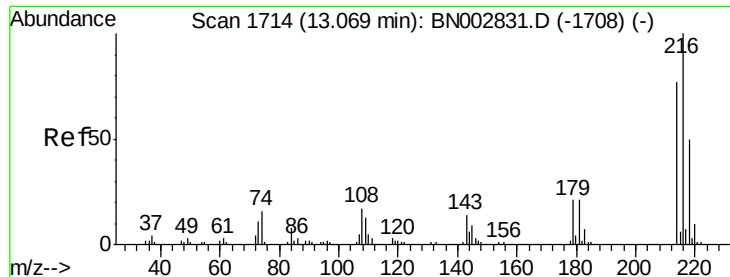


#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.211 ng/ul
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BN002841.D
 Acq: 24 Sep 2018 23:38

Tgt Ion:216 Resp: 153578
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.5 95.3
 179 20.9 16.5 24.7
 108 16.7 13.4 20.2

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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 42.197 ng/uL

RT: 13.07 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BN002841.D

Acq: 24 Sep 2018 23:38

Instrument :

BNA_N

ClientSampleId :

C08M7

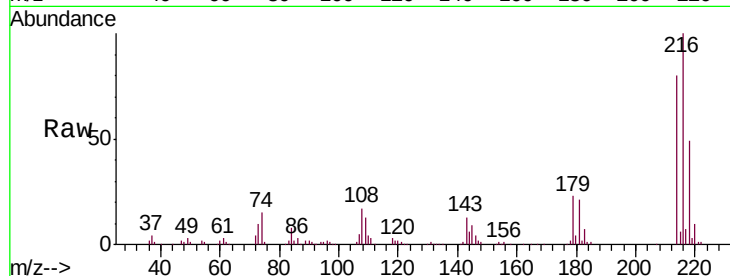
Tgt Ion:216 Resp: 450126

Ion Ratio Lower Upper

216 100

214 79.5 62.9 94.3

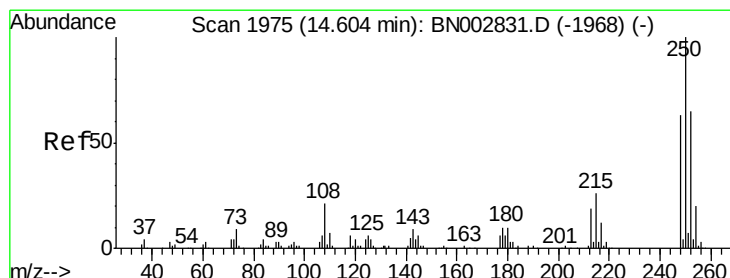
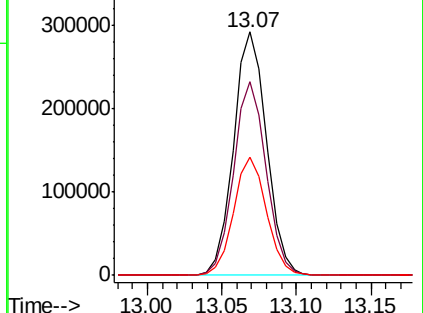
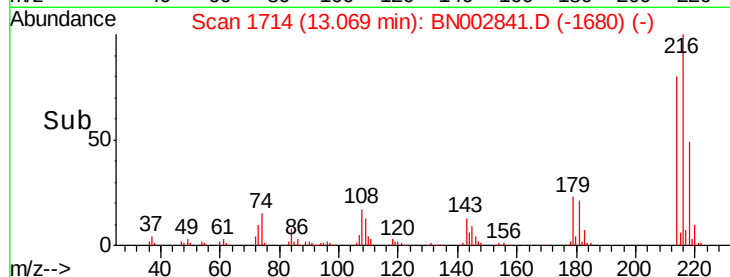
218 48.5 37.8 56.6



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



#73

Pentachlorobenzene

Concen: 2.322 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN002841.D

Acq: 24 Sep 2018 23:38

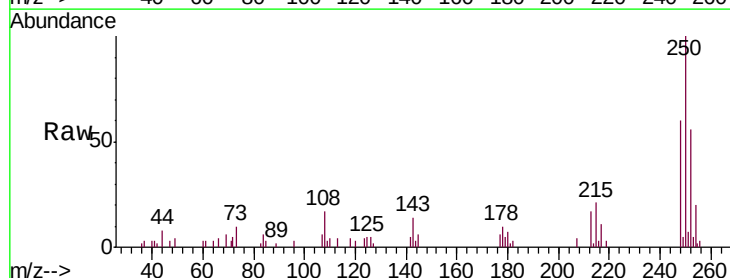
Tgt Ion:250 Resp: 22114

Ion Ratio Lower Upper

250 100

248 59.6 49.1 73.7

252 55.7 51.0 76.4



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

