

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
 Data File : BN002840.D
 Acq On : 24 Sep 2018 23:03
 Operator : JU/SJ
 Sample : J5036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08W4

Manual Integrations
 APPROVED

Sohil
 9/25/2018 12:07:40 PM

Quant Time: Sep 25 06:05:47 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	7.64	152	137168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	584941	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	327579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	673618	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	620373	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	599200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18579	6.25	ng/uL	0.00
5) Phenol-d5	6.83	99	97894	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	272309	37.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	293637	30.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	181241	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	179978	39.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	206956	40.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	331625	35.83	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.69	166	1080277	42.13	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1358437	40.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	31382m	7.40	ng/ul	0.02
57) Fluorene-d10	15.27	176	923108	41.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	160956	38.20	ng/ul	0.00
70) Anthracene-d10	17.13	188	1332069	41.42	ng/ul	0.00
78) Pyrene-d10	19.43	212	1353481	41.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1310251	41.54	ng/ul	0.00

Target Compounds

					Ovalue
10) 2-Chlorophenol	7.21	128	38408	4.037	ng/ul 96
20) Nitrobenzene	8.84	77	1058054	100.462	ng/ul 96
23) 2-Nitrophenol	9.54	139	15763	2.969	ng/ul 93
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	22014	2.023	ng/ul 90
68) Pentachlorophenol	16.70	266	7422	1.975	ng/ul 89
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	85306	7.413	ng/uL 99

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

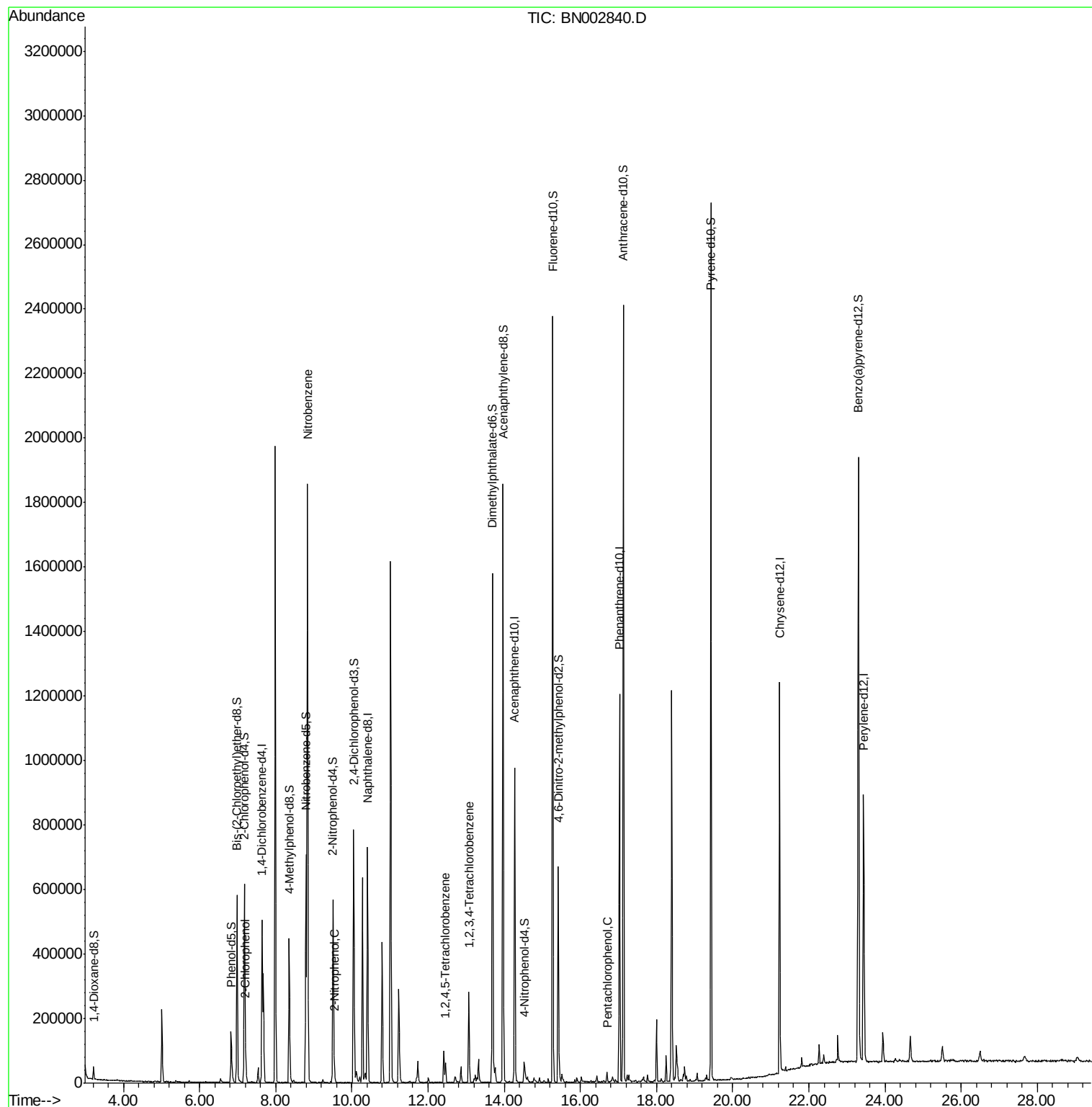
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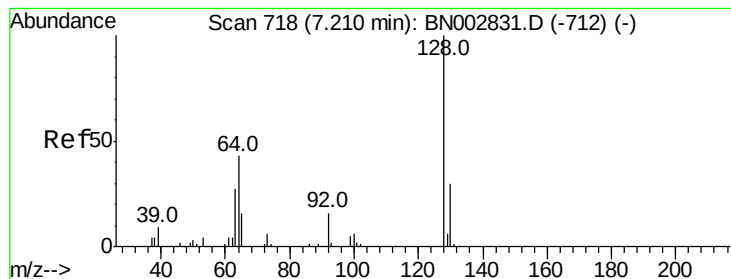
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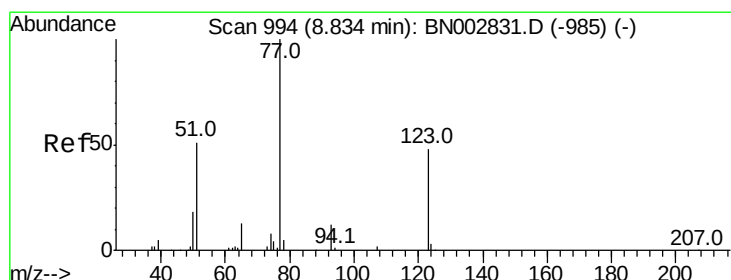
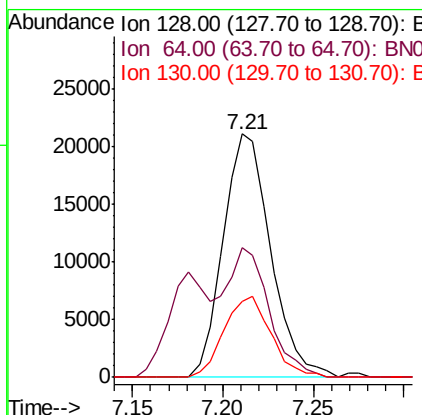
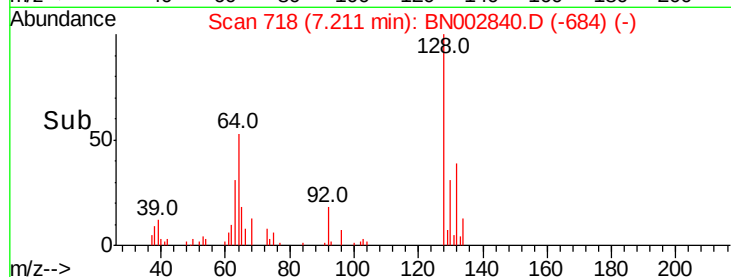
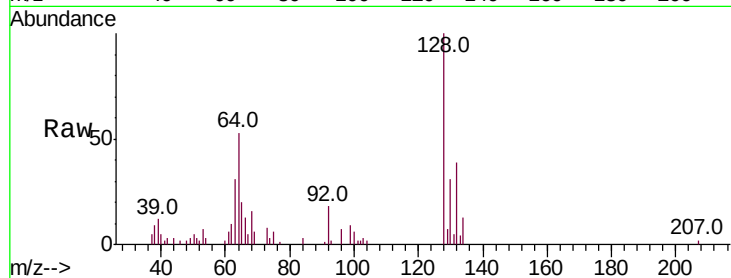
#10
2-Chlorophenol
Concen: 4.037 ng/ul
RT: 7.21 min Scan# 718
Delta R.T. 0.00 min
Lab File: BN002840.D
Acq: 24 Sep 2018 23:03

Instrument :
BNA_N
ClientSampled :
C08W4

Tot Ion	Ratio	Lower	Upper
128	100		
64	53.1	40.4	60.6
130	31.2	26.8	40.2

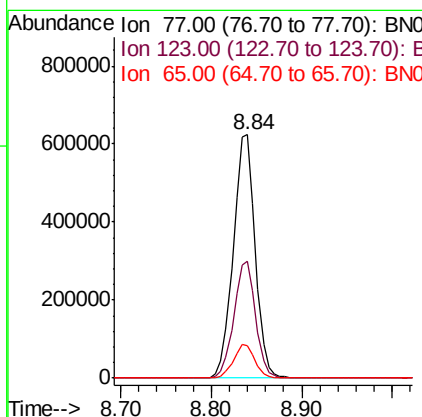
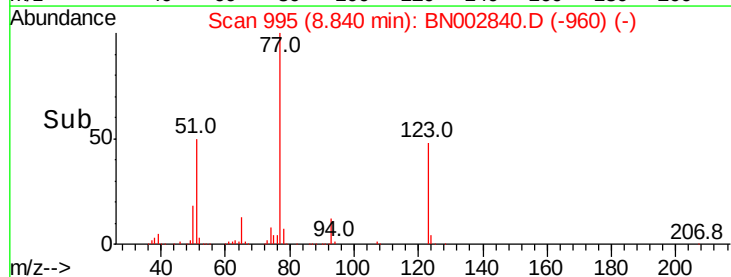
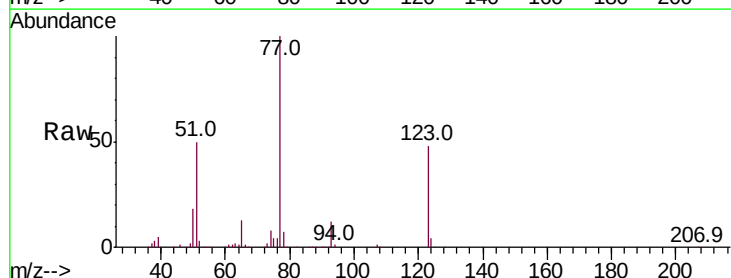
Manual Integrations
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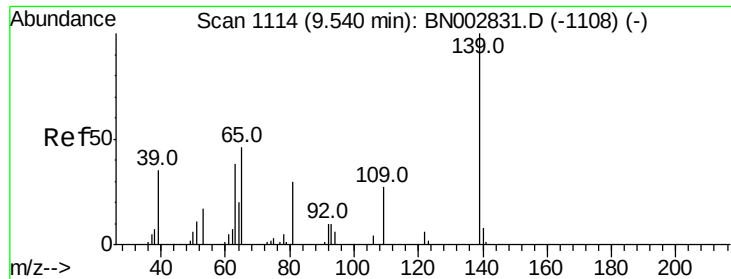
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#20
Nitrobenzene
Concen: 100.462 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.01 min
Lab File: BN002840.D
Acq: 24 Sep 2018 23:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.8	53.8
65	13.1	11.1	16.7





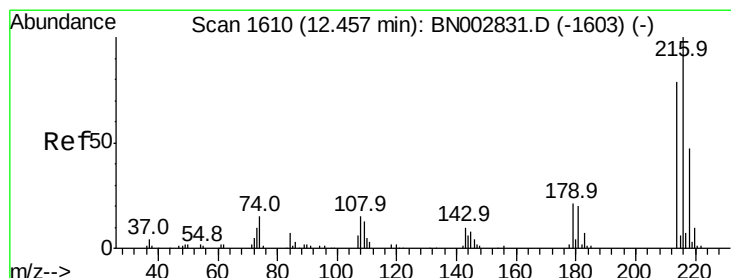
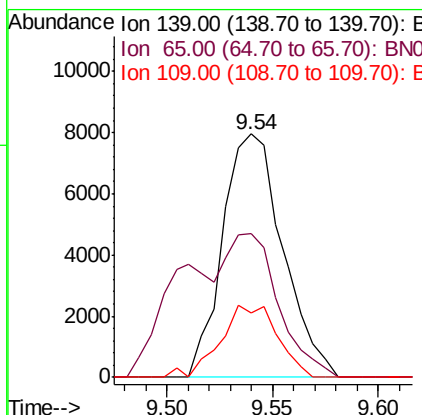
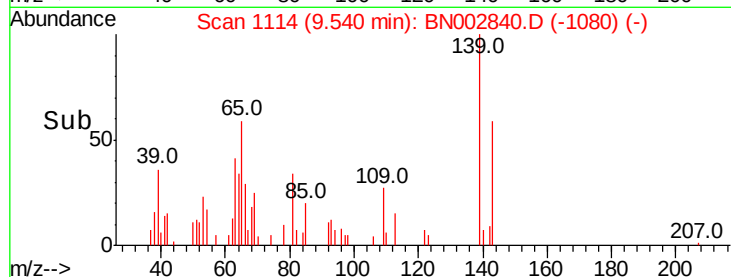
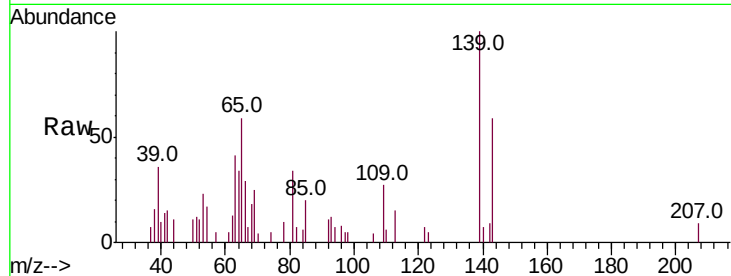
#23
2-Nitrophenol
Concen: 2.969 ng/ul
RT: 9.54 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BN002840.D
Acq: 24 Sep 2018 23:03

Instrument :
BNA_N
ClientSampled :
C08W4

Tot Ion	Ratio	Resp	Lower	Upper
139	100	15763		
65	59.1	42.0	63.0	
109	26.7	22.0	33.0	

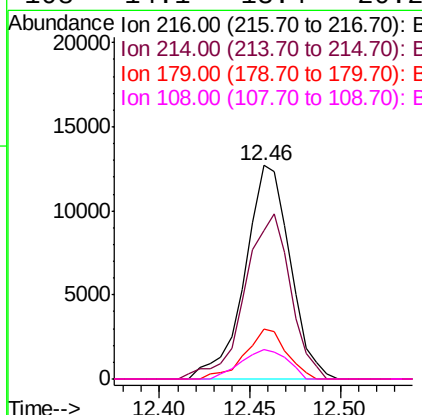
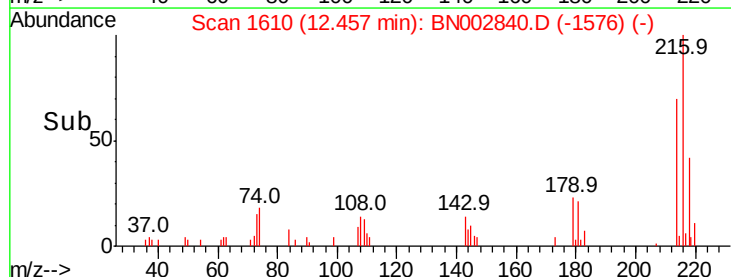
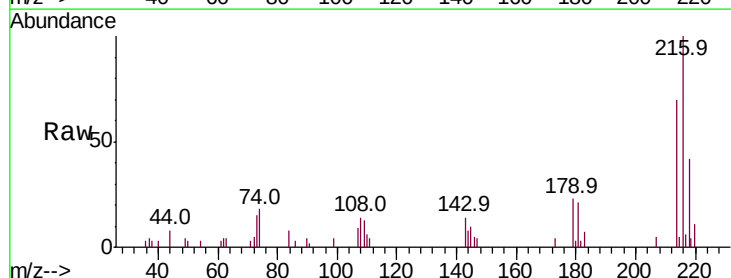
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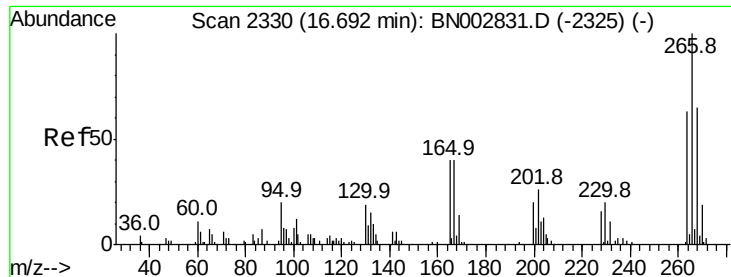
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.023 ng/ul
RT: 12.46 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BN002840.D
Acq: 24 Sep 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	22014		
214	69.5	63.5	95.3	
179	23.3	16.5	24.7	
108	14.1	13.4	20.2	





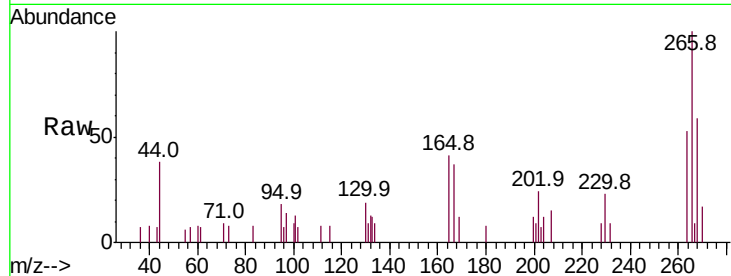
#68
 Pentachlorophenol
 Concen: 1.975 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Instrument :
 BNA_N
 ClientSampleId :
 C08W4

Tot Ion	Ratio	Lower	Upper
266	100		
264	52.6	49.9	74.9
268	59.0	52.6	79.0

Manual Integrations
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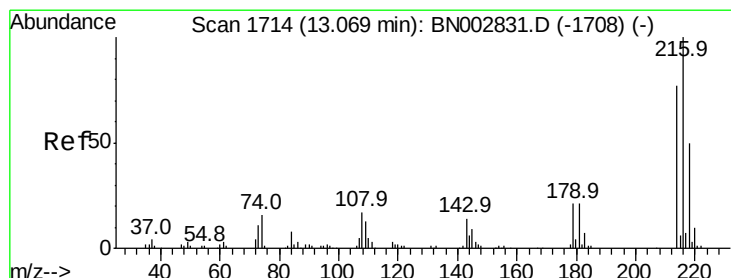
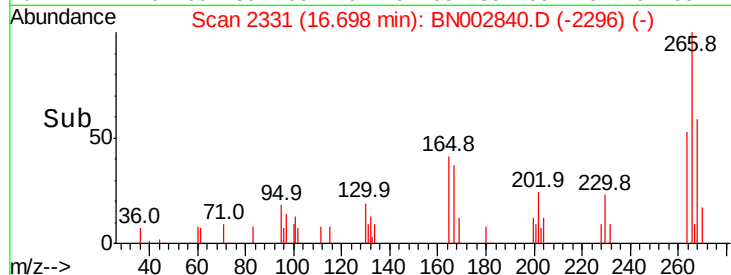
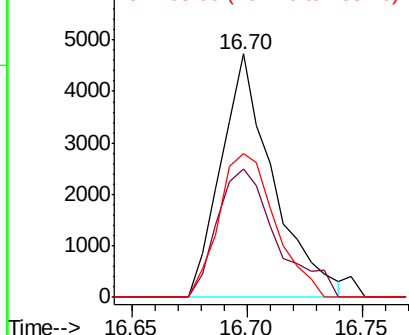


Abundance

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: 7.413 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
218	48.9	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

