

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081018\
 Data File : BN002294.D
 Acq On : 10 Aug 2018 19:35
 Operator : JU/SJ
 Sample : J4406-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0853

Manual Integrations
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Quant Time: Aug 13 10:29:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 11 00:34:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	191936m	20.00	ng/ul	0.06
18) Naphthalene-d8	10.49	136	978768	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.32	164	528554	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1033030	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	803243	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	806885	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	37769	8.88	ng/uL	0.01
5) Phenol-d5	6.88	99	150244	8.31	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	450212	40.88	ng/ul	0.05
9) 2-Chlorophenol-d4	7.24	132	454623	31.84	ng/ul	0.03
13) 4-Methylphenol-d8	8.40	113	282144	19.38	ng/ul	0.02
19) Nitrobenzene-d5	8.85	128	288015	35.52	ng/ul	0.02
22) 2-Nitrophenol-d4	9.56	143	316130	34.48	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.10	165	503867	30.36	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	3191	0.17	ng/ul	0.03
43) Dimethylphthalate-d6	13.73	166	1638794	36.58	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2043482	36.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	50388	5.89	ng/ul	0.01
57) Fluorene-d10	15.31	176	1340376	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	231323	34.38	ng/ul	0.00
70) Anthracene-d10	17.16	188	1912987	37.98	ng/ul	0.00
78) Pyrene-d10	19.47	212	1766571	42.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1589359	36.48	ng/ul	0.00

Target Compounds

					Qvalue	
10) 2-Chlorophenol	7.27	128	109774	7.709	ng/ul#	80
20) Nitrobenzene	8.90	77	2921595	156.537	ng/ul	94
23) 2-Nitrophenol	9.59	139	39353	4.191	ng/ul#	84
27) 2,4-Dichlorophenol	10.17	162	53144m	3.335	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1072196	62.559	ng/ul	98
68) Pentachlorophenol	16.72	266	8357	1.168	ng/ul	90
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	2946714	191.302	ng/uL	99
73) Pentachlorobenzene	14.64	250	60945	4.230	ng/uL	99

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

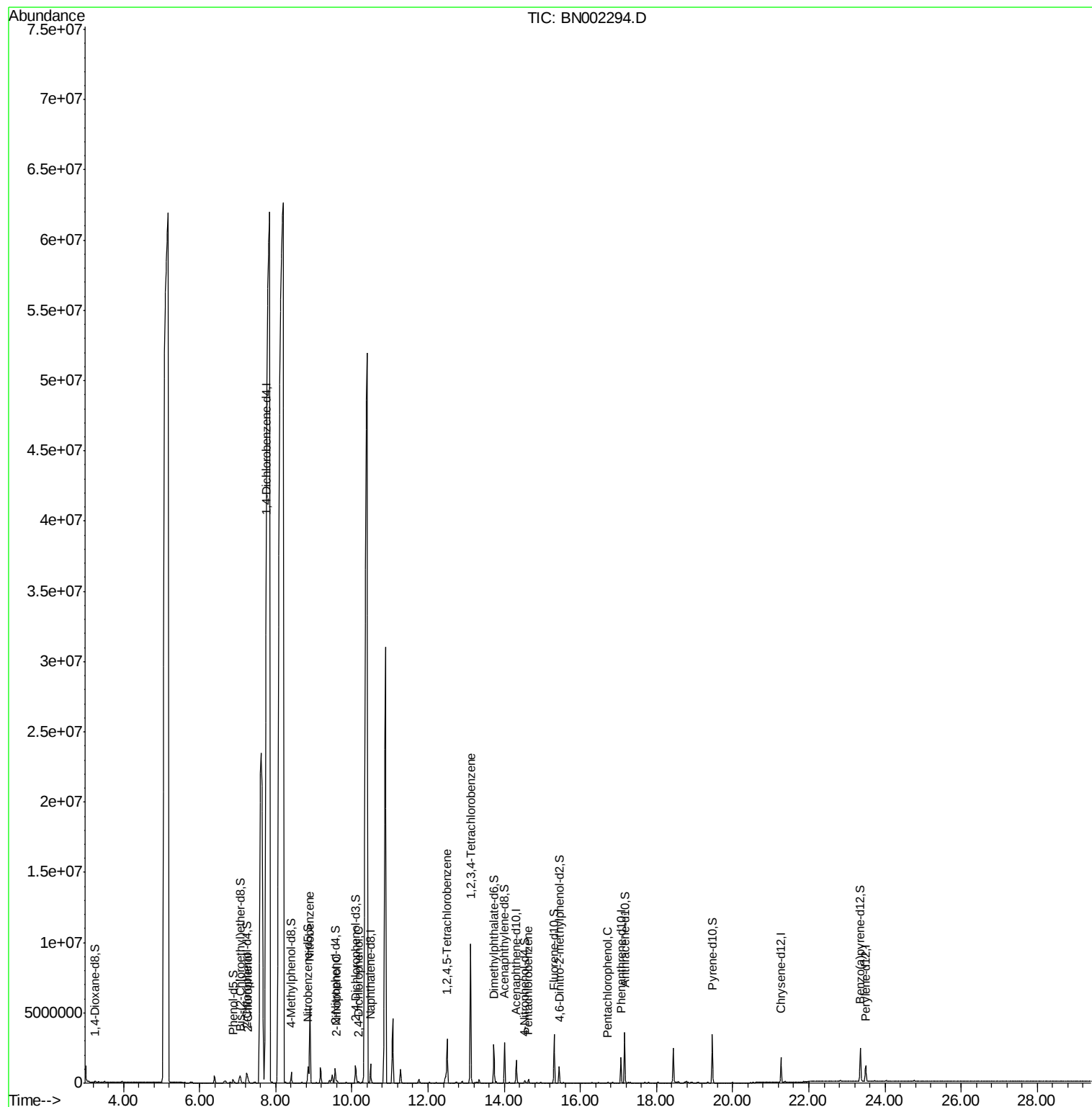
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081018\
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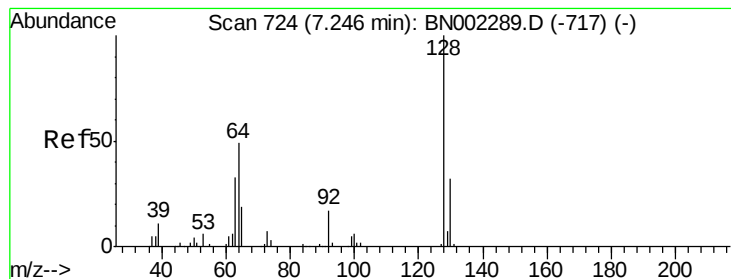
Instrument :
BNA_N
ClientSampleId :
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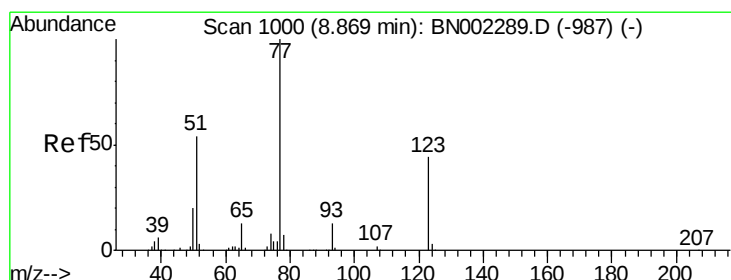
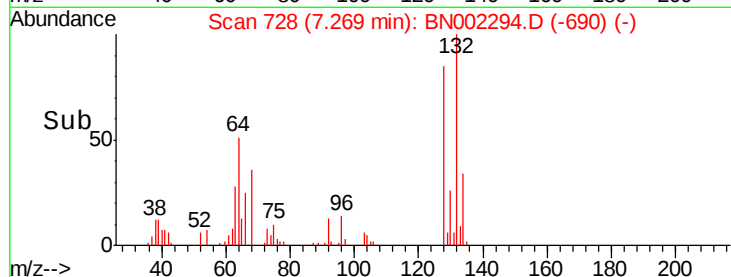
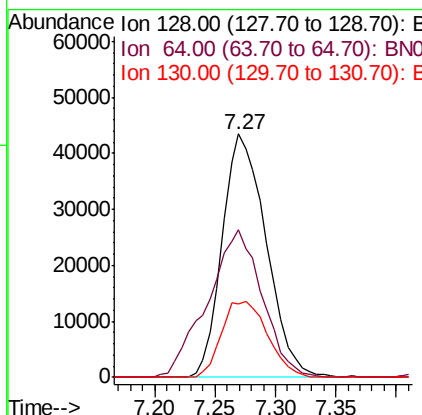
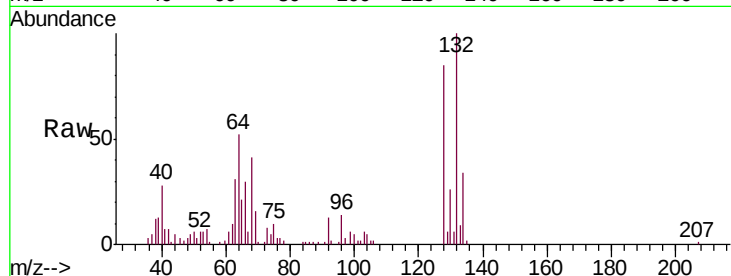
#10
 2-Chlorophenol
 Concen: 7.709 ng/ul
 RT: 7.27 min Scan# 728
 Delta R.T. 0.02 min
 Lab File: BN002294.D
 Acq: 10 Aug 2018 19:35

Instrument :
 BNA_N
 ClientSampled :
 C0853

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	109774		
64	60.5	31.9	47.9#	
130	30.2	25.6	38.4	

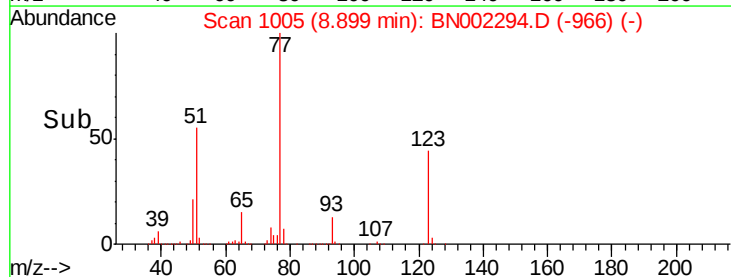
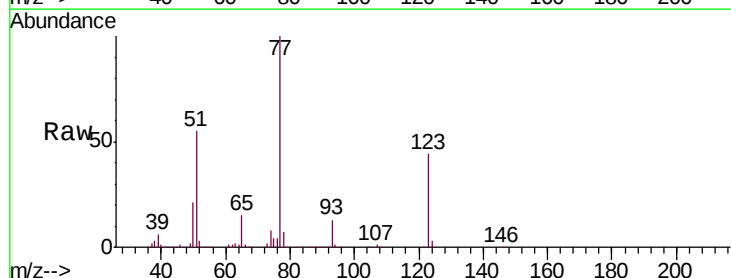
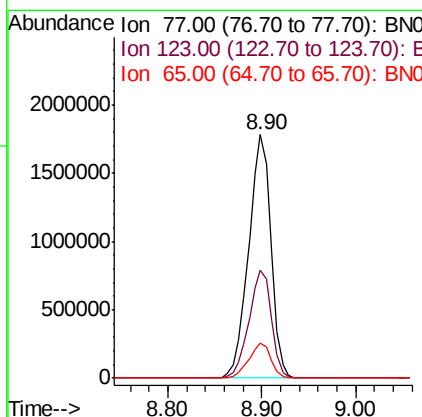
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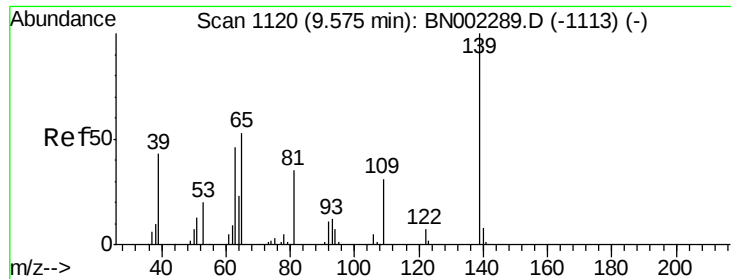
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#20
 Nitrobenzene
 Concen: 156.537 ng/ul
 RT: 8.90 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: BN002294.D
 Acq: 10 Aug 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2921595		
123	44.4	39.0	58.4	
65	14.6	10.4	15.6	





#23

2-Nitrophenol

Concen: 4.191 ng/ul

RT: 9.59 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BN002294.D

Acq: 10 Aug 2018 19:35

Instrument :

BNA_N

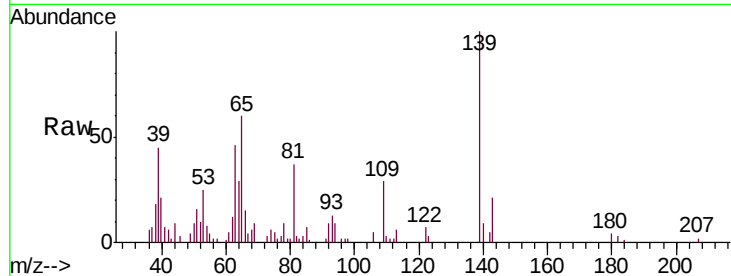
ClientSampled :

C0853

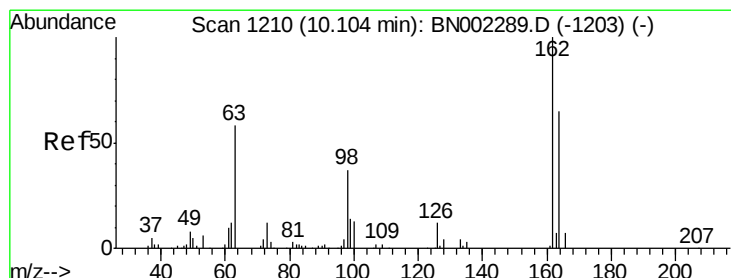
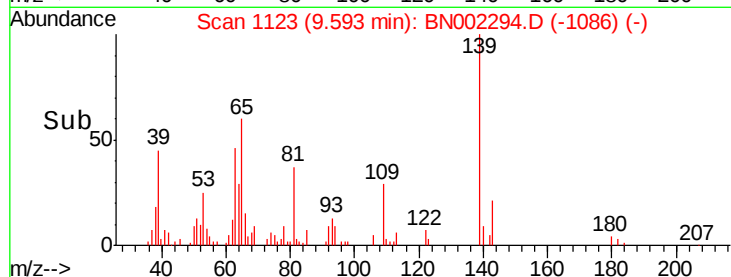
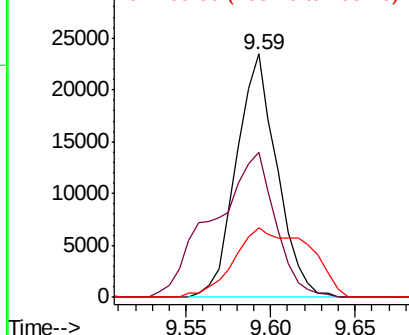
Tgt Ion:	139	Resp:	39353
Ion Ratio	Lower	Upper	
139	100		
65	59.7	36.3	54.5#
109	28.8	26.4	39.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 3.335 ng/ul m

RT: 10.17 min Scan# 1221

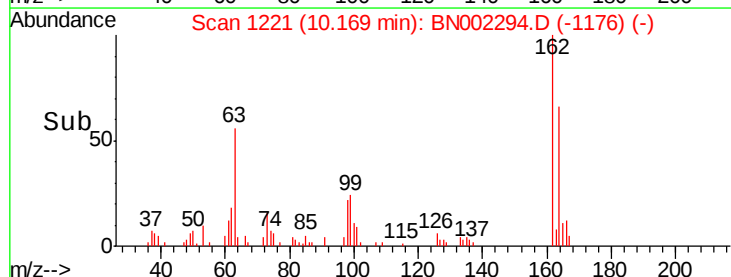
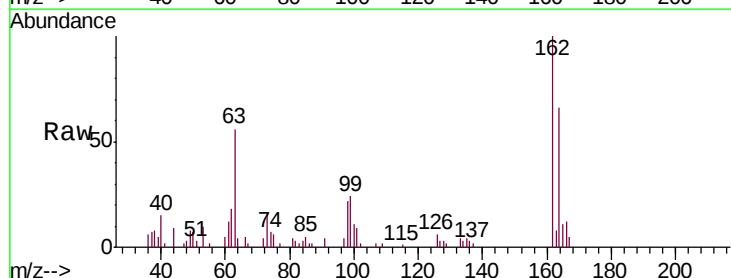
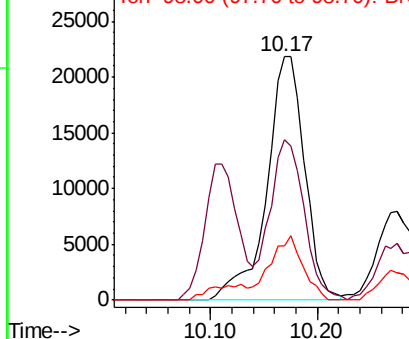
Delta R.T. 0.06 min

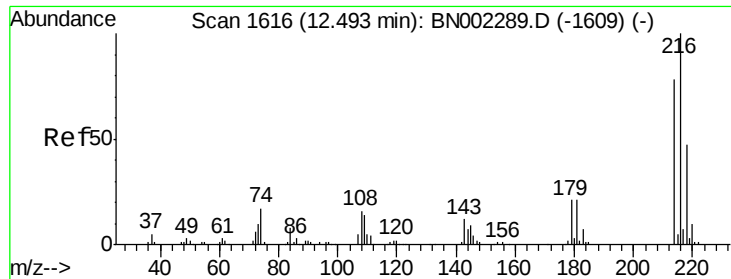
Lab File: BN002294.D

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Tgt Ion:	162	Resp:	53144
Ion Ratio	Lower	Upper	
162	100		
164	66.0	52.1	78.1
98	22.3	28.4	42.6#

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): BNO





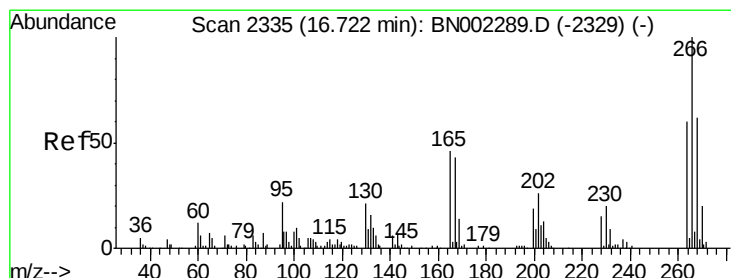
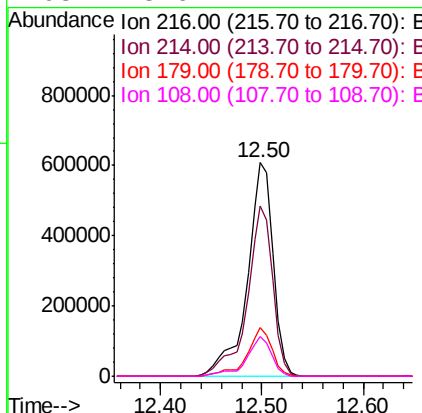
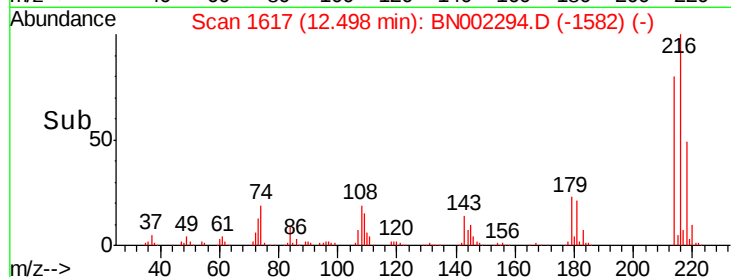
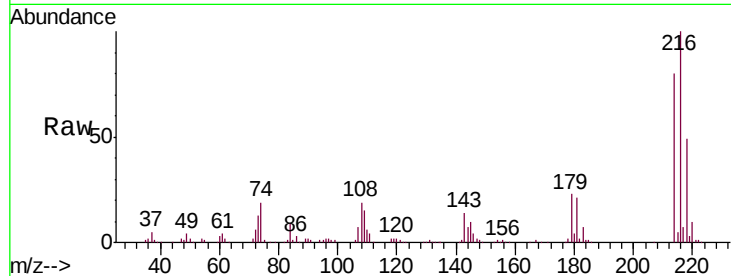
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.559 ng/ul
 RT: 12.50 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BN002294.D
 Acq: 10 Aug 2018 19:35

Instrument :
 BNA_N
 ClientSampleId :
 C0853

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.5	93.7
179	22.6	18.2	27.2
108	18.6	14.2	21.2

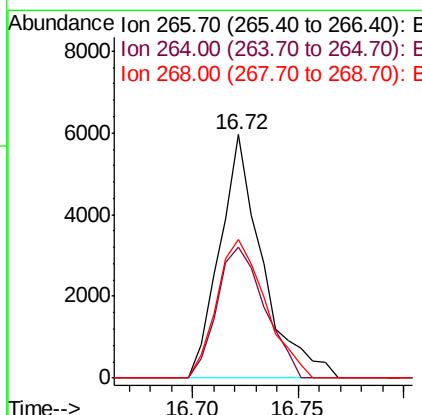
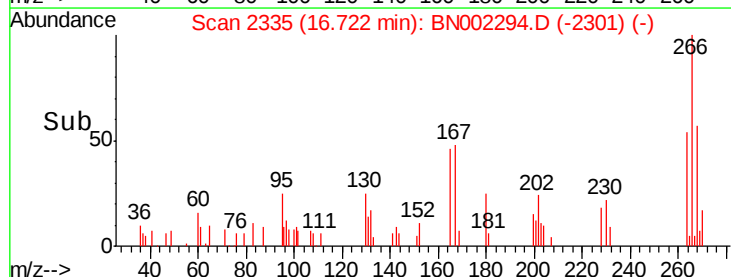
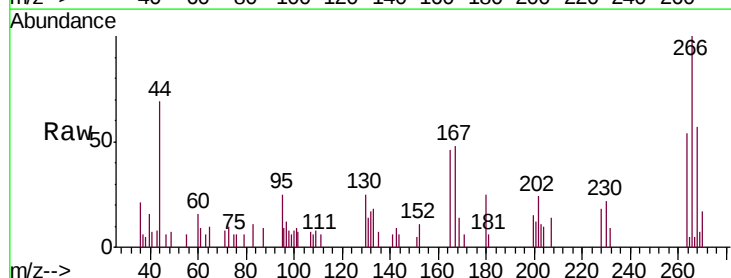
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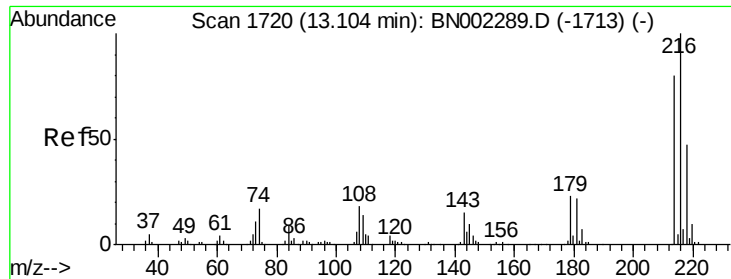
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#68
 Pentachlorophenol
 Concen: 1.168 ng/ul
 RT: 16.72 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BN002294.D
 Acq: 10 Aug 2018 19:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	54.0	50.5	75.7
268	56.7	50.9	76.3





#72

1,2,3,4-Tetrachlorobenzene

Concen: 191.302 ng/uL

RT: 13.12 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BN002294.D

Acq: 10 Aug 2018 19:35

Instrument :

BNA_N

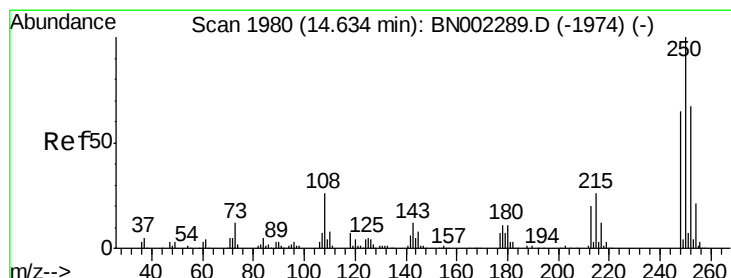
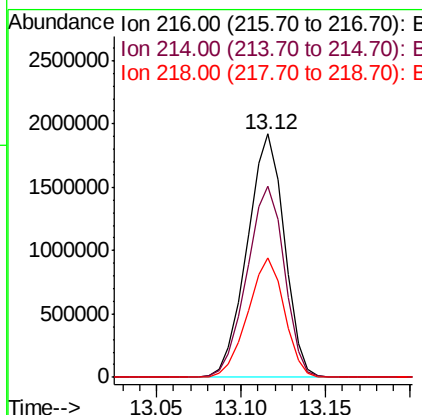
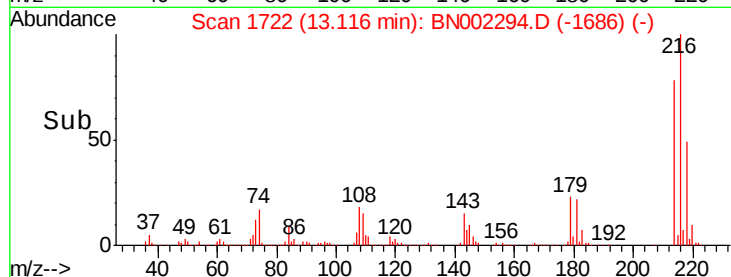
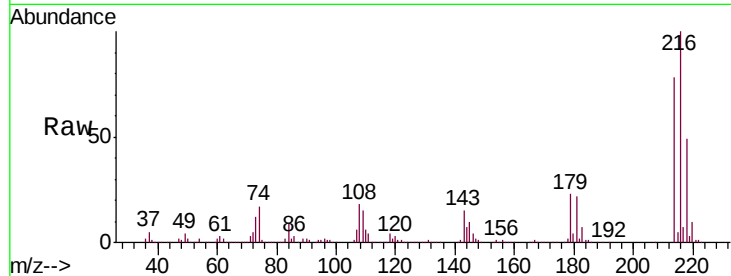
ClientSampled :

C0853

Tgt Ion:	216	Resp:	2946714
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.5	93.7
218	48.8	38.4	57.6

Manual Integrations
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#73

Pentachlorobenzene

Concen: 4.230 ng/uL

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BN002294.D

Acq: 10 Aug 2018 19:35

Tgt Ion:	250	Resp:	60945
Ion Ratio	Lower	Upper	
250	100		
248	63.8	50.6	75.8
252	64.8	51.4	77.0

