Quantitation Report (Not Reviewed)

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 :

Quant Time: Aug 11 00:35:23 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	85442	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	19.95	ng/uL	0.01
5) Phenol-d5	6.88	99	150244	18.67	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	450212	91.84	ng/ul	0.05
9) 2-Chlorophenol-d4	7.24	132	454623	71.54	ng/ul	0.03
13) 4-Methylphenol-d8	8.40	113	282144	43.53	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
4) Benzaldehyde	6.88	77	5975	1.252	ng/ul#	55
10) 2-Chlorophenol	7.27	128	109774	17.317	ng/ul#	80
11) 2-Methylphenol	8.11	108	310396	49.947	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	7062	1.310	ng/ul#	1
17) Hexachloroethane	8.77	117	4371	1.744	ng/ul	96
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	10.28	162	17548	1.101	ng/ul	96
32) Caprolactam	11.28	113	70670	11.933	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1072196	62.559	ng/ul	98
45) 2,6-Dinitrotoluene	13.73	165	9697	1.045	ng/ul#	44
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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081018\
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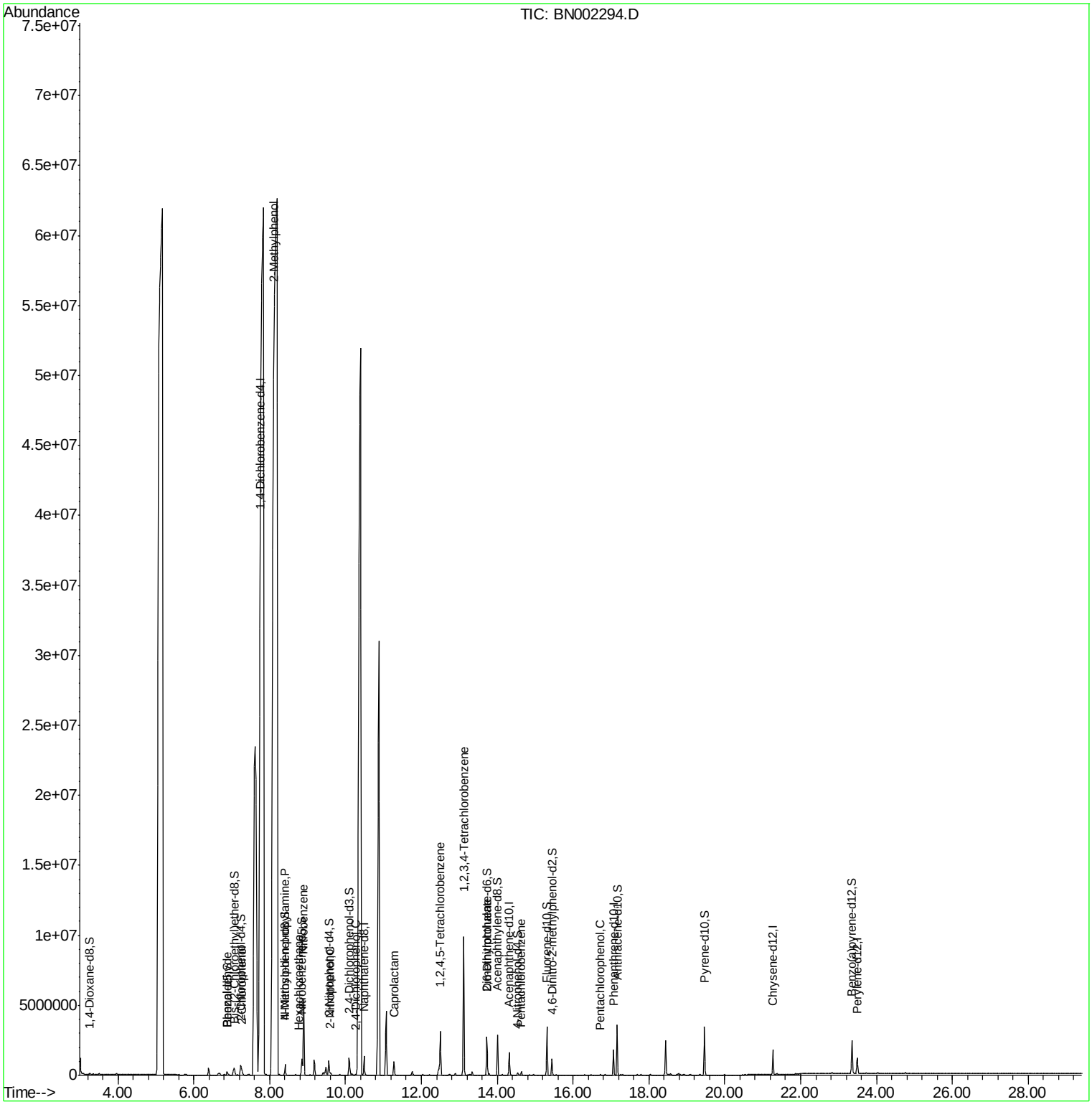
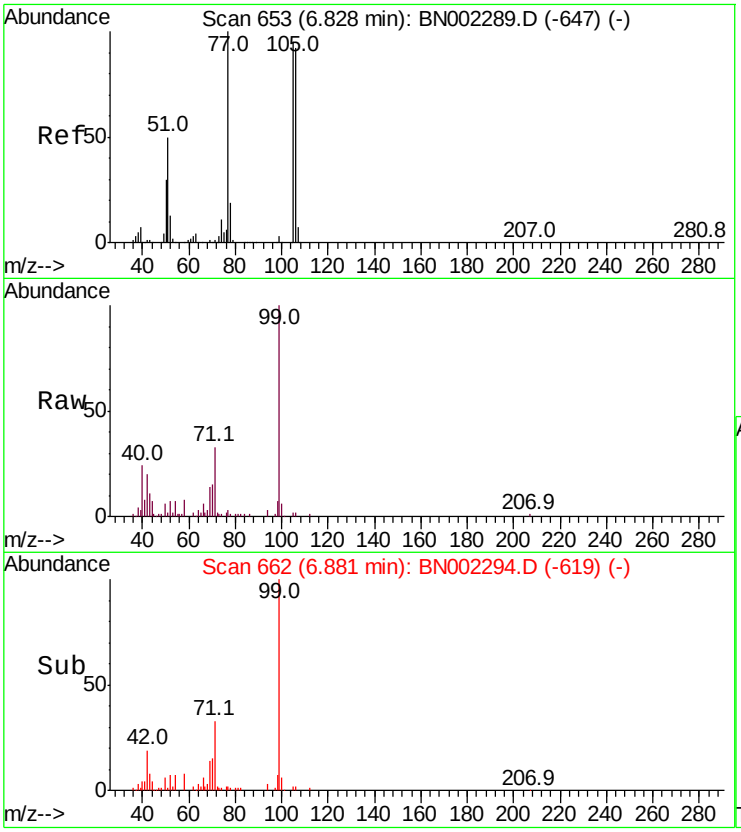
Sample : J4406-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 00:35:23 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



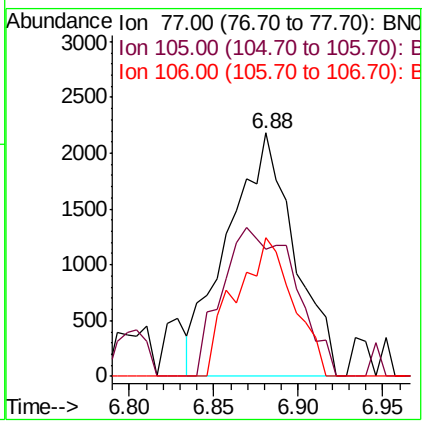


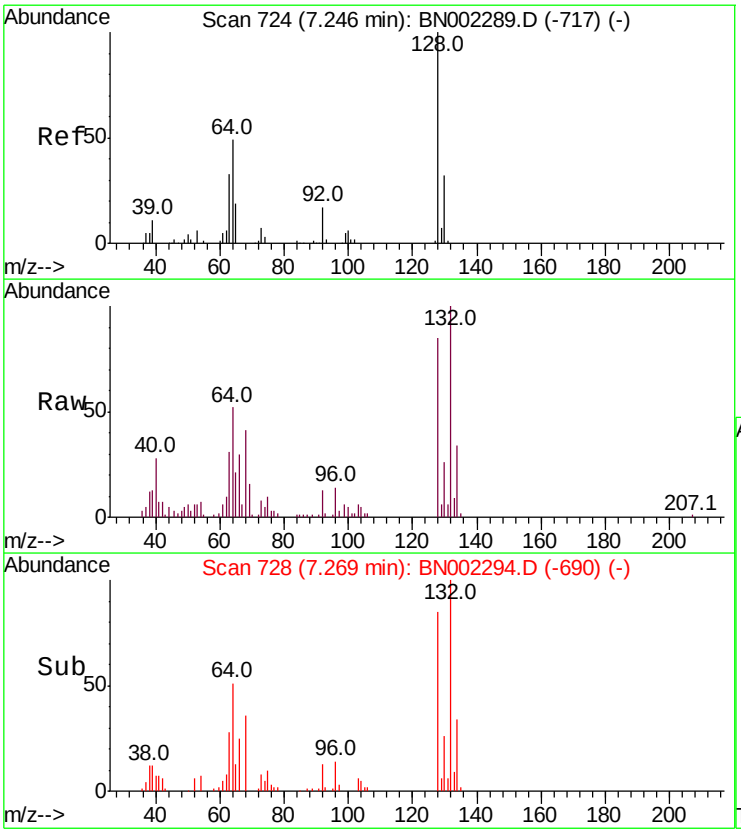
#4
Benzaldehyde
Concen: 1.252 ng/ul
RT: 6.88 min Scan# 662
Delta R.T. 0.05 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 5975

Ion	Ratio	Lower	Upper
77	100		
105	52.2	80.6	120.8#
106	57.2	77.7	116.5#

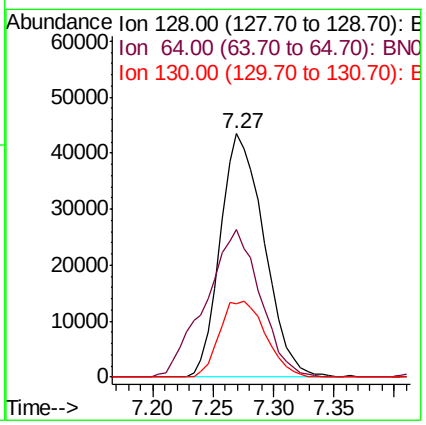


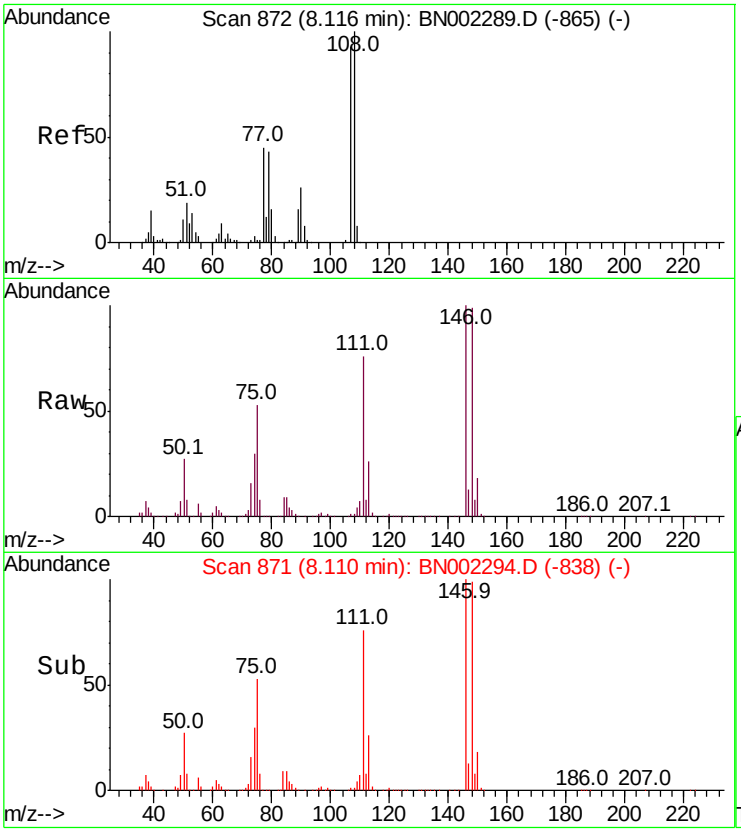


#10
2-Chlorophenol
Concen: 17.317 ng/ul
RT: 7.27 min Scan# 728
Delta R.T. 0.02 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion:128 Resp: 109774

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



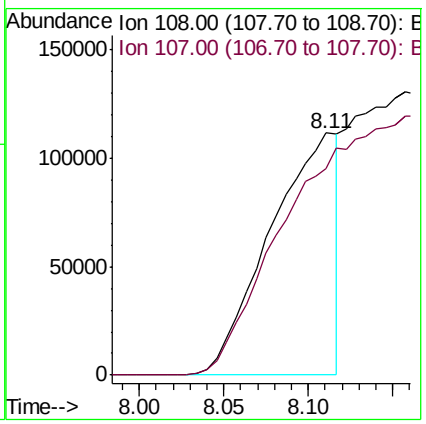


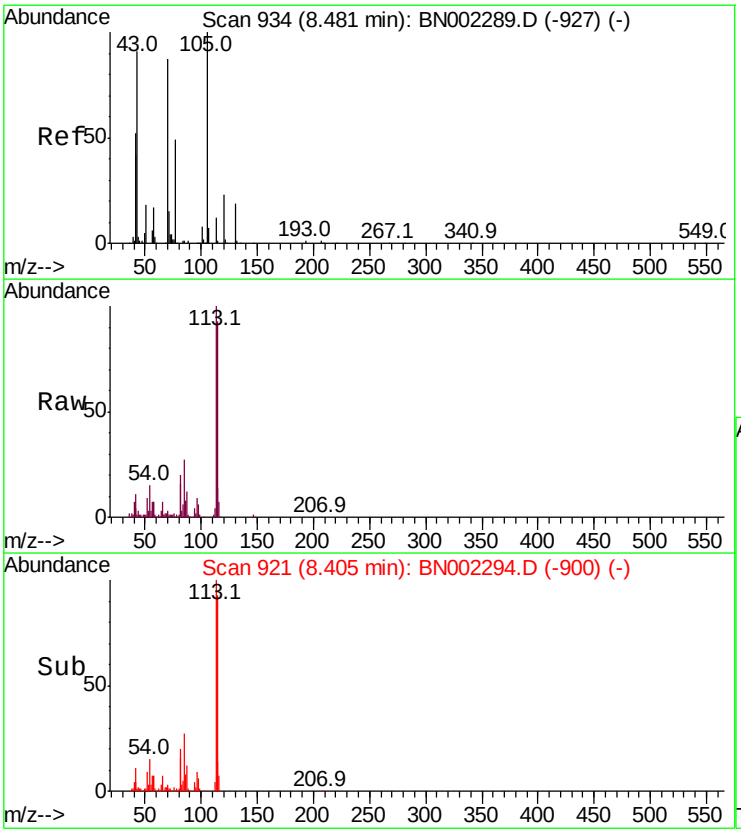
#11
2-Methylphenol
Concen: 49.947 ng/ul
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:108 Resp: 310396

Ion	Ratio	Lower	Upper
108	100		
107	85.3	72.4	108.6

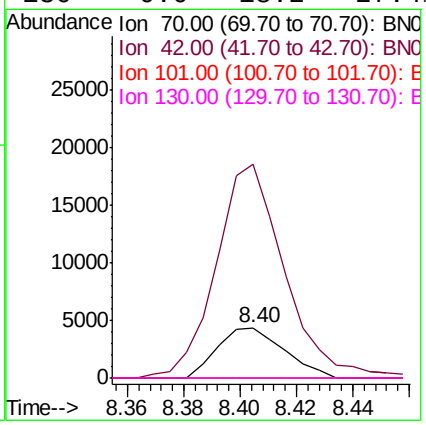


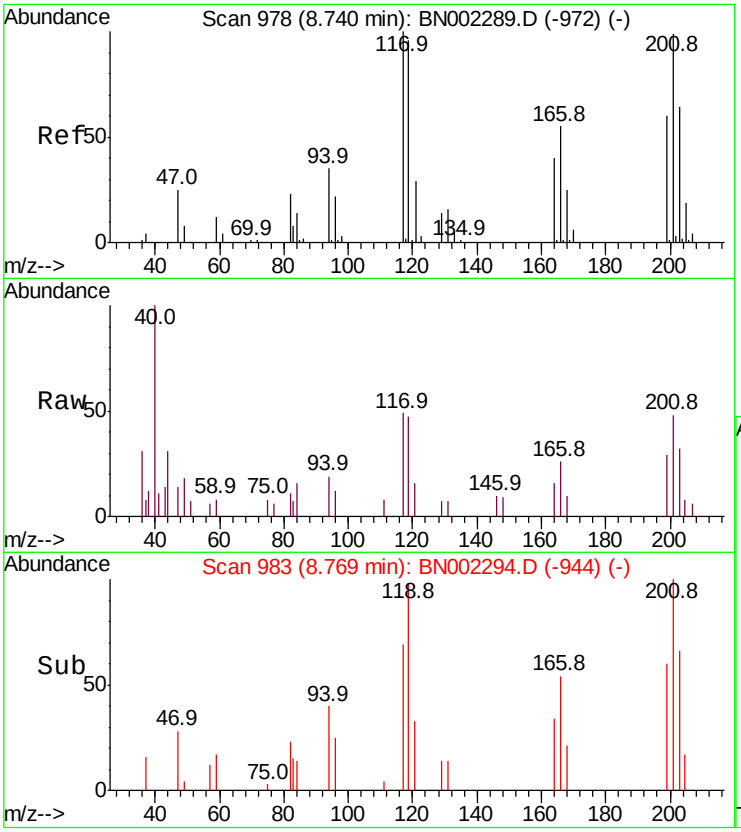


#15
N-Nitroso-di-n-propylamine
Concen: 1.310 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. -0.08 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 70 Resp: 7062

Ion	Ratio	Lower	Upper
70	100		
42	423.7	35.4	53.0#
101	0.0	8.4	12.6#
130	0.0	18.2	27.4#



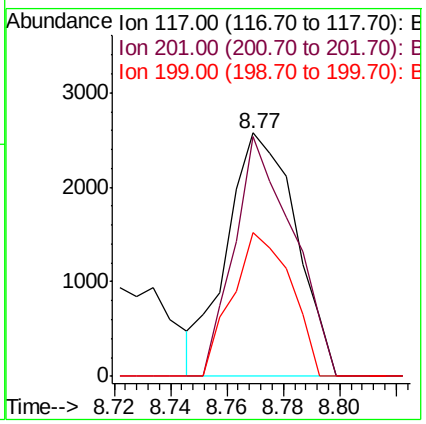


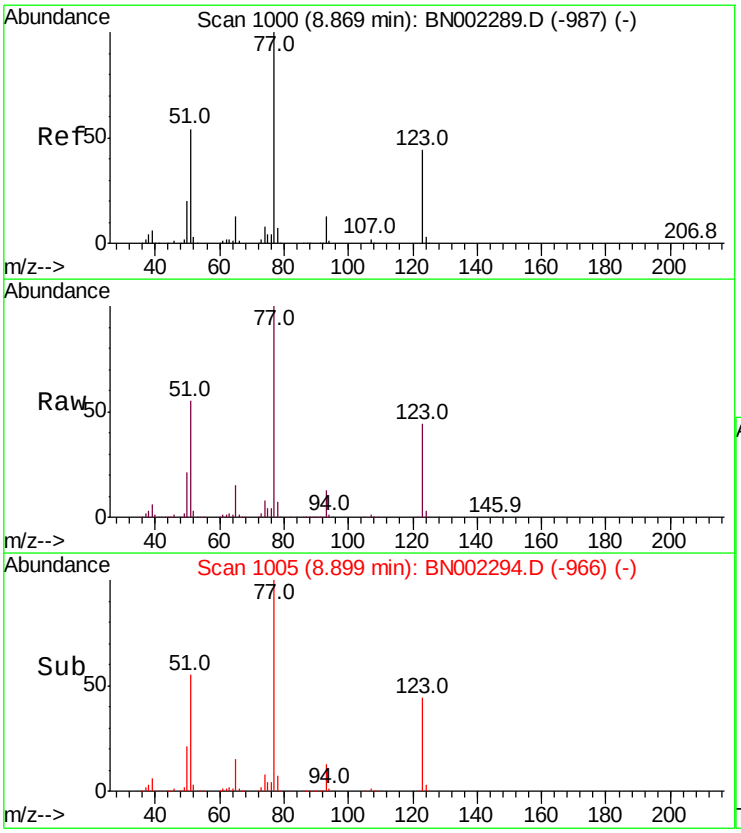
#17
Hexachloroethane
Concen: 1.744 ng/ul
RT: 8.77 min Scan# 983
Delta R.T. 0.03 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 4371

Ion	Ratio	Lower	Upper
117	100		
201	98.3	81.5	122.3
199	59.0	50.6	76.0

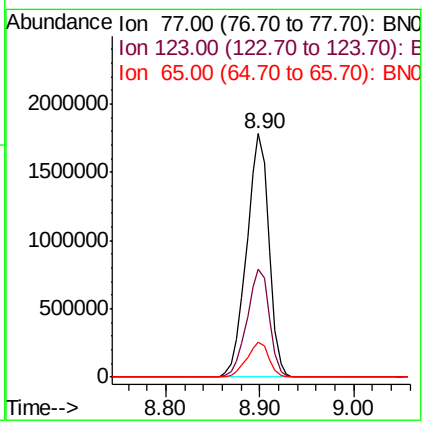


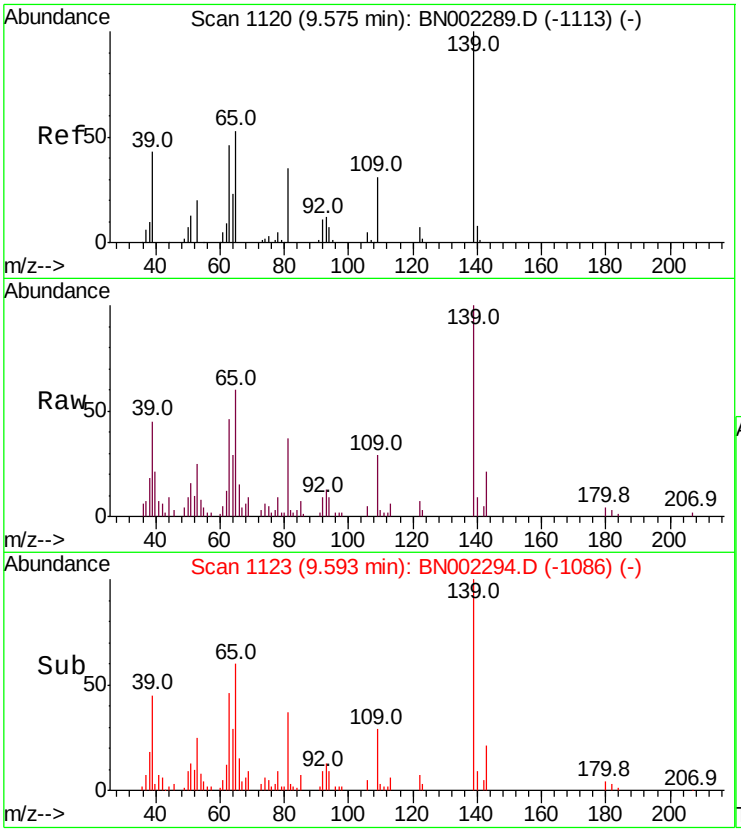


#20
Nitrobenzene
Concen: 156.537 ng/ul
RT: 8.90 min Scan# 1005
Delta R.T. 0.03 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 77 Resp: 2921595

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



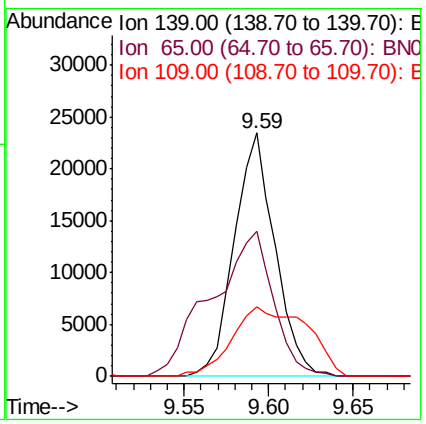


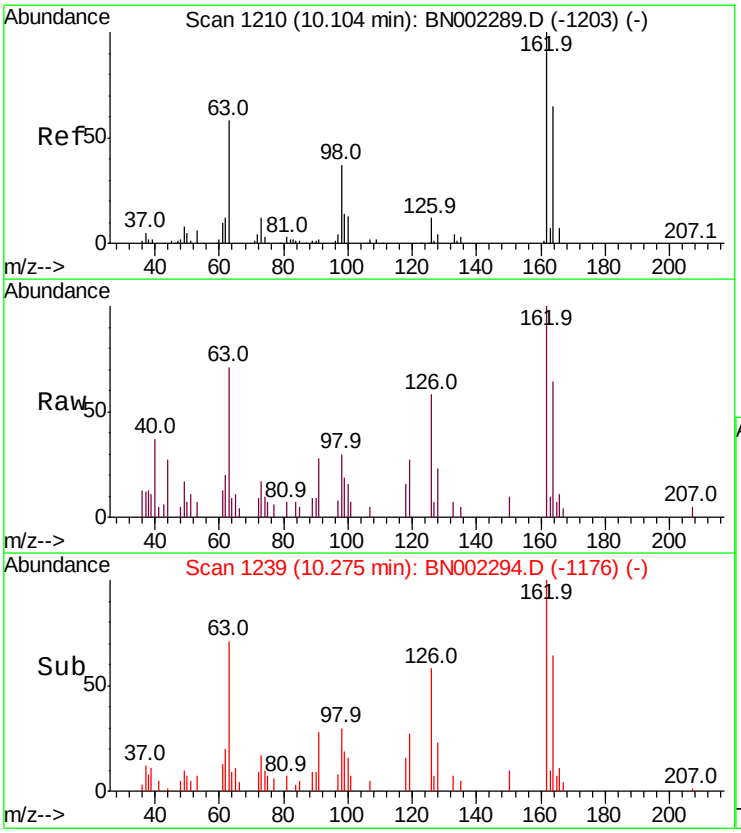
#23
2-Nitrophenol
Concen: 4.191 ng/ul
RT: 9.59 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

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

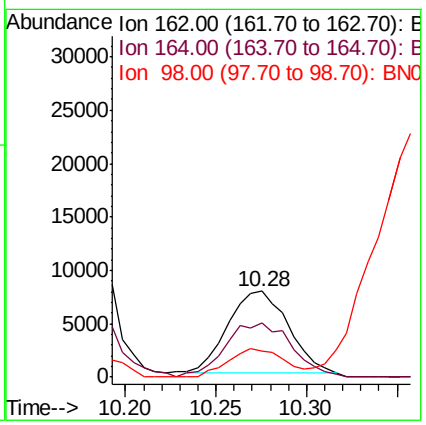


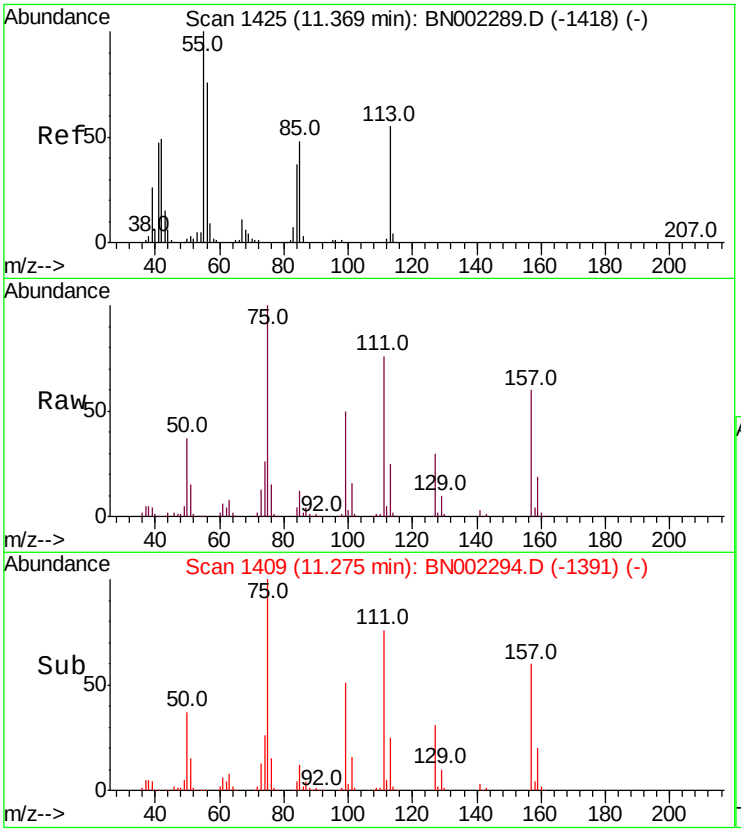


#27
2,4-Dichlorophenol
Concen: 1.101 ng/ul
RT: 10.28 min Scan# 1239
Delta R.T. 0.17 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion:162 Resp: 17548

Ion	Ratio	Lower	Upper
162	100		
164	63.7	52.1	78.1
98	30.4	28.4	42.6



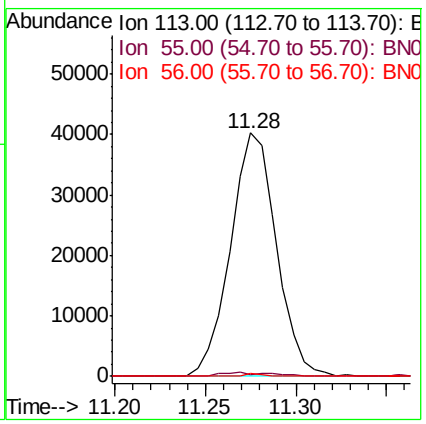


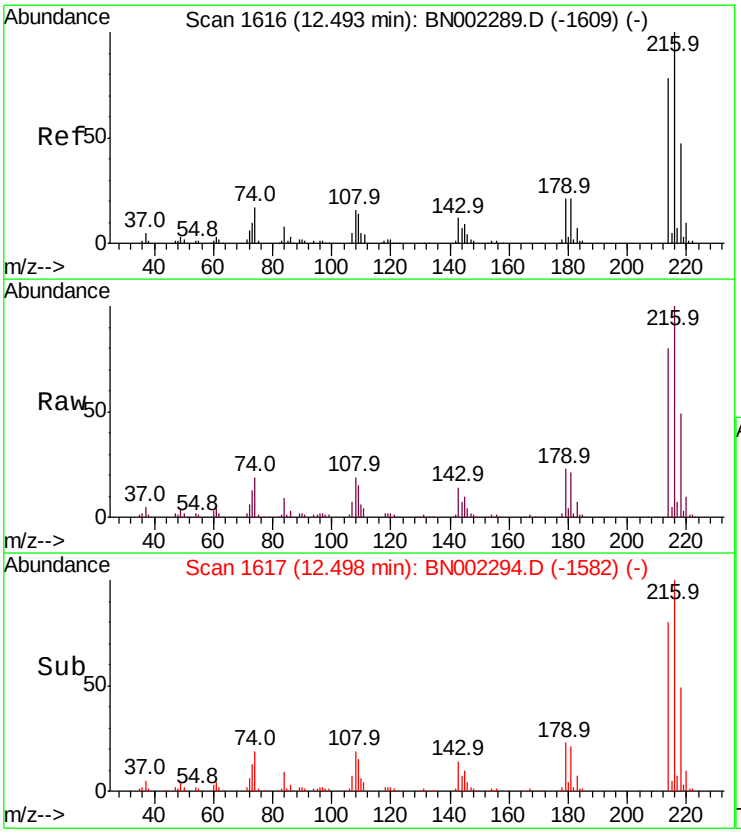
#32
Caprolactam
Concen: 11.933 ng/ul
RT: 11.28 min Scan# 1409
Delta R.T. -0.09 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 70670

Ion	Ratio	Lower	Upper
113	100		
55	0.9	101.9	152.9#
56	1.1	81.2	121.8#

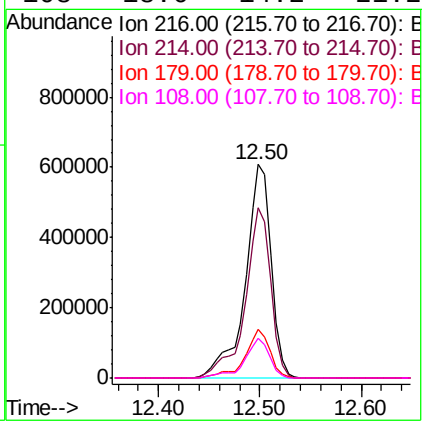


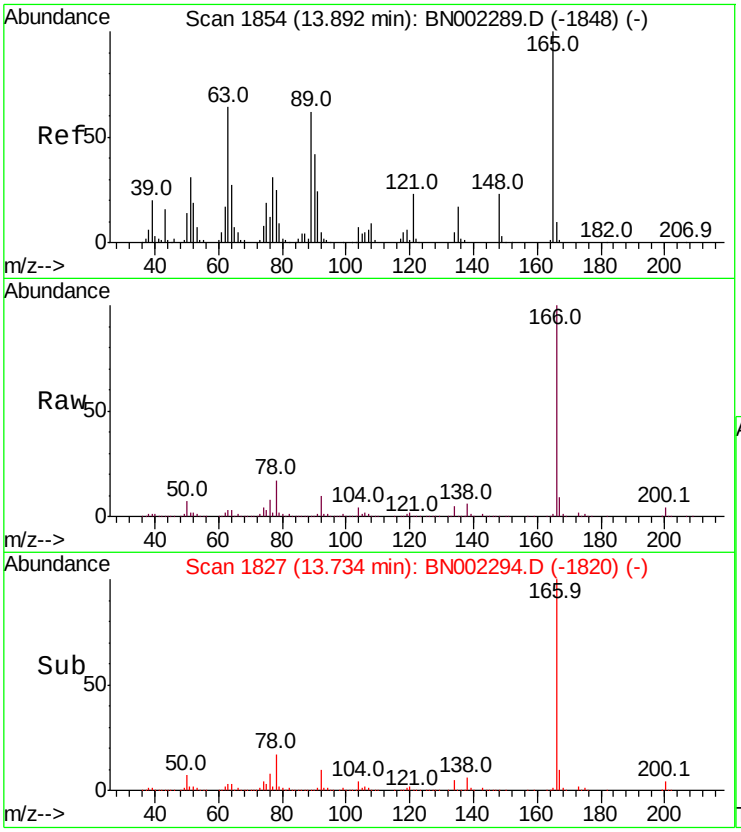


#36
1,2,4,5-Tetrachlorobenzene
Concen: 62.559 ng/ul
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion:216 Resp: 1072196

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



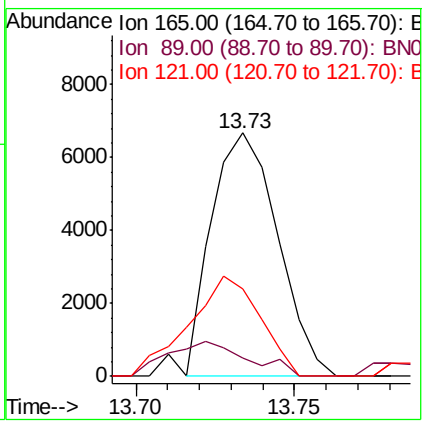


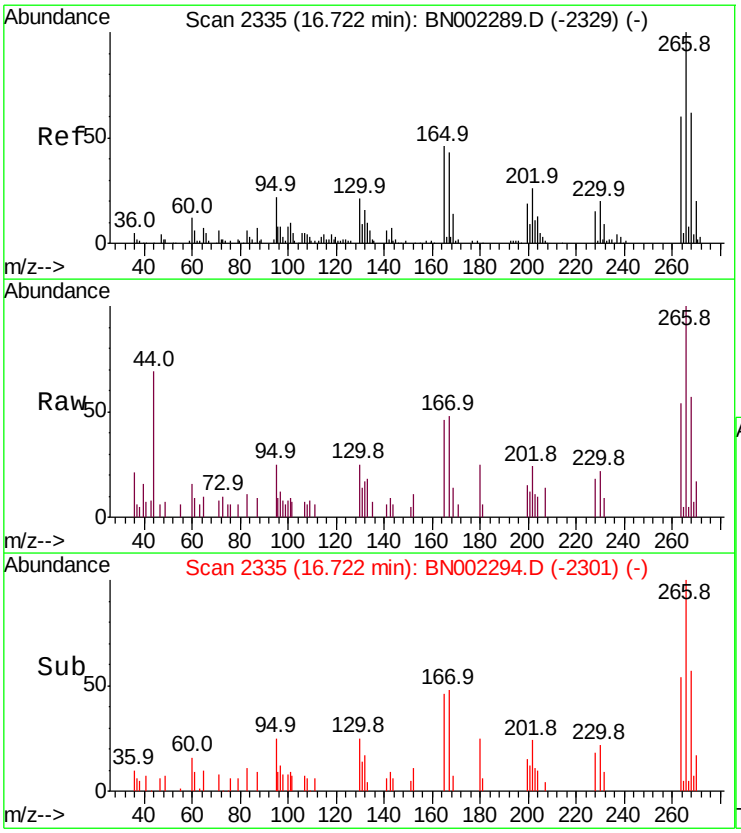
#45
2,6-Dinitrotoluene
Concen: 1.045 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.16 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 9697

Ion	Ratio	Lower	Upper
165	100		
89	7.3	42.4	63.6#
121	36.0	16.6	24.8#

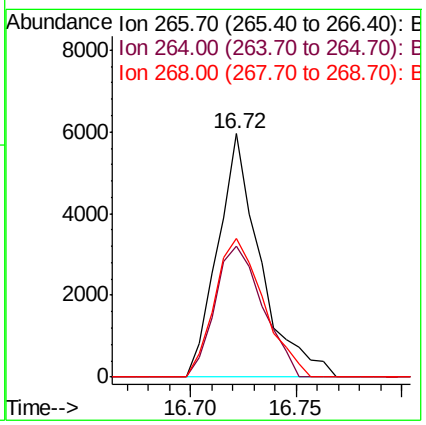


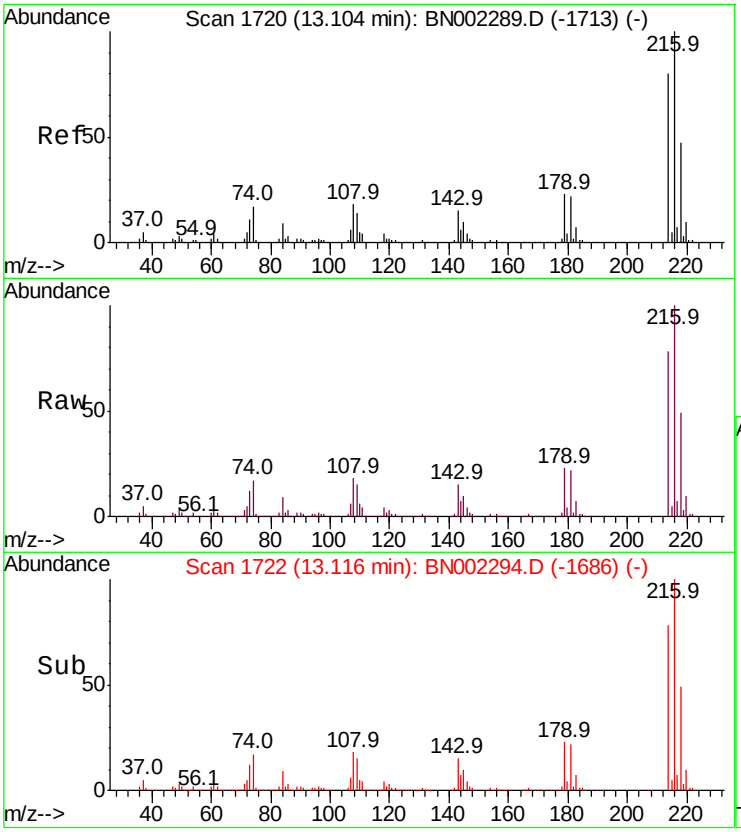


#68
Pentachlorophenol
Concen: 1.168 ng/ul
RT: 16.72 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Tgt Ion:266 Resp: 8357

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



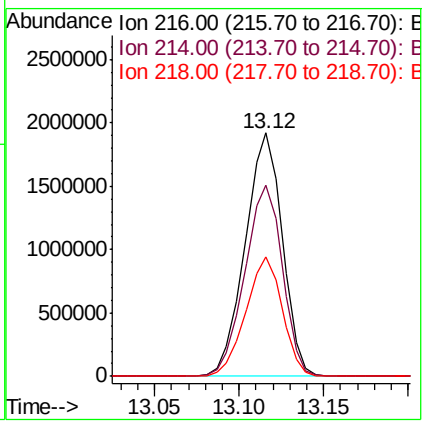


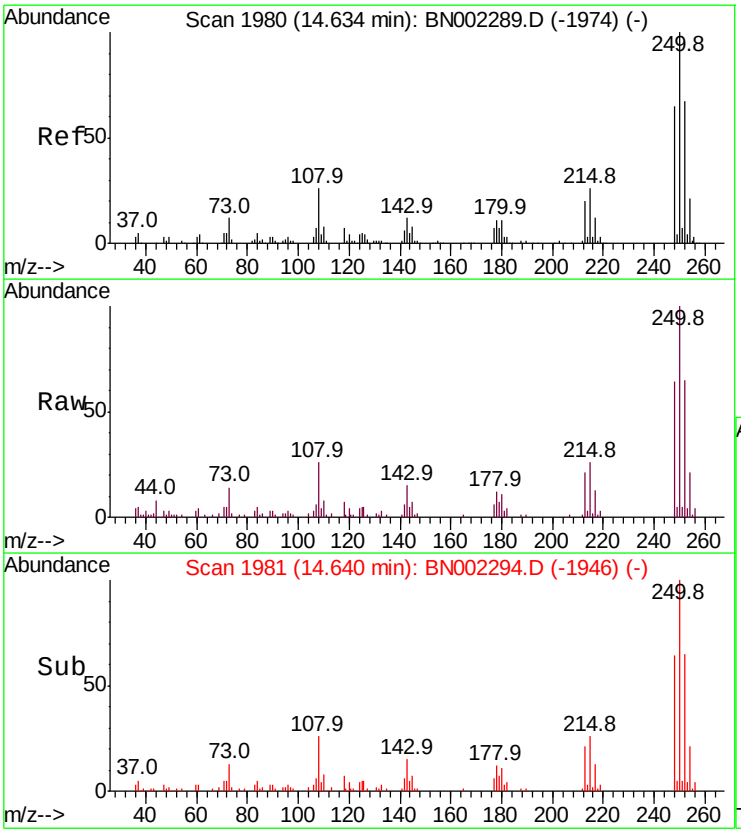
#72
1,2,3,4-Tetrachlorobenzene
Concen: 191.302 ng/uL
RT: 13.12 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BN002294.D
Acq: 10 Aug 2018 19:35

Instrument :
BNA_N
ClientSampleId :

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





#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