Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
Data File : BN004522.D
Acq On : 27 Feb 2019 04:58
Operator : JU/SJ
Sample : K1623-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C09R8

Quant Time: Feb 27 09:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 27 05:37:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	28152	20.00	ng/ul	0.02
18) Naphthalene-d8	10.53	136	134964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	111237	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	213296	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	322068	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	474418	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1476	3.15	ng/uL	0.00
5) Phenol-d5	6.90	99	13042	5.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	30529	24.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	46288	22.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	34545	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	39080	43.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	41298	44.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	57636	27.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	1896	0.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	246629	26.14	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	327942	29.35	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	10261	5.68	ng/ul	-0.01
58) Fluorene-d10	15.37	176	188721	22.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	28599	22.99	ng/ul	-0.01
71) Anthracene-d10	17.22	188	313790	30.70	ng/ul	-0.01
79) Pyrene-d10	19.52	212	406973	28.19	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	650429	26.12	ng/ul	-0.02
Target Compounds						Qvalue
10) 2-Chlorophenol	7.30	128	2958	1.460	ng/ul	95
20) Nitrobenzene	8.95	77	391589	200.322	ng/ul	98
23) 2-Nitrophenol	9.65	139	3656	3.495	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	135255	36.525	ng/ul	98
69) Pentachlorophenol	16.76	266	1975	1.214	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	403670	137.976	ng/uL	99
74) Pentachlorobenzene	14.69	250	11748	3.757	ng/uL	99

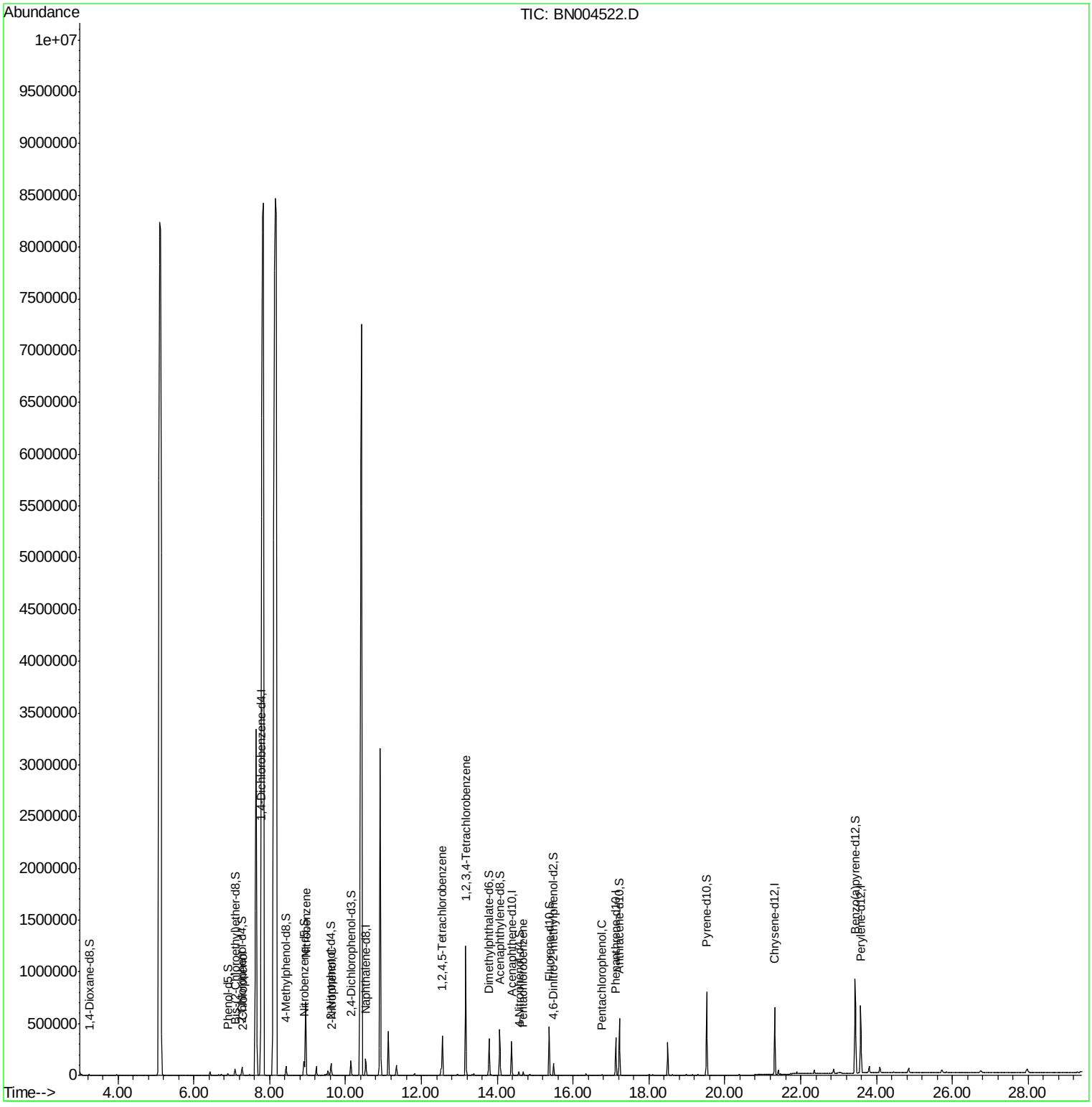
(#) = qualifier out of range (m) = manual integration (+) = signals summed

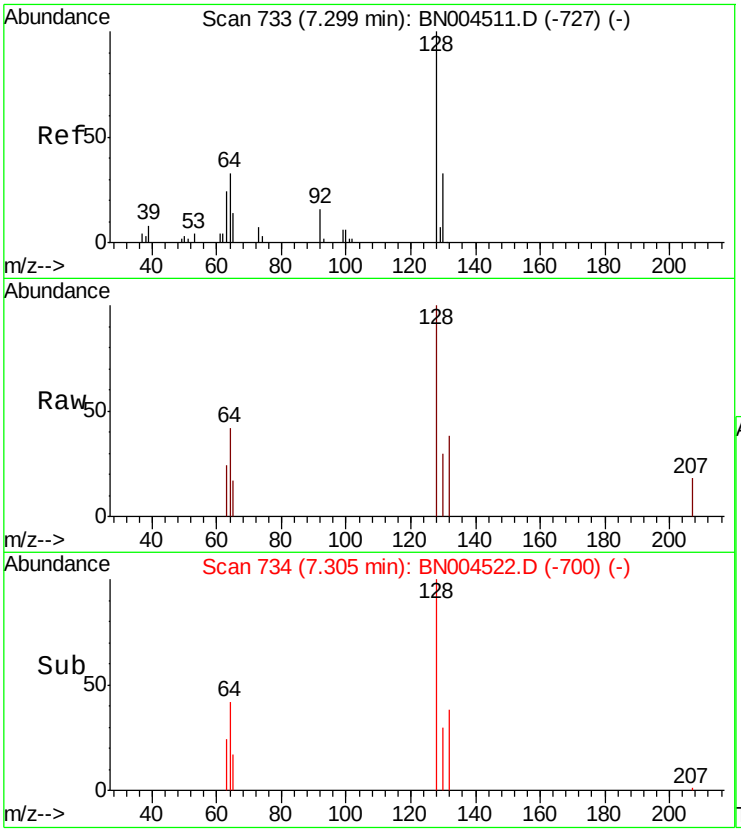
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
Data File : BN004522.D
Acq On : 27 Feb 2019 04:58
Operator : JU/SJ
Sample : K1623-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C09R8

Quant Time: Feb 27 09:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 27 05:37:09 2019
Response via : Initial Calibration



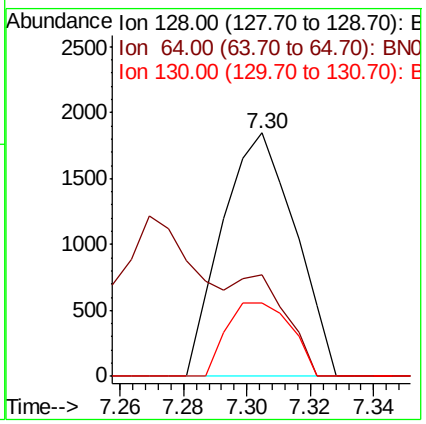


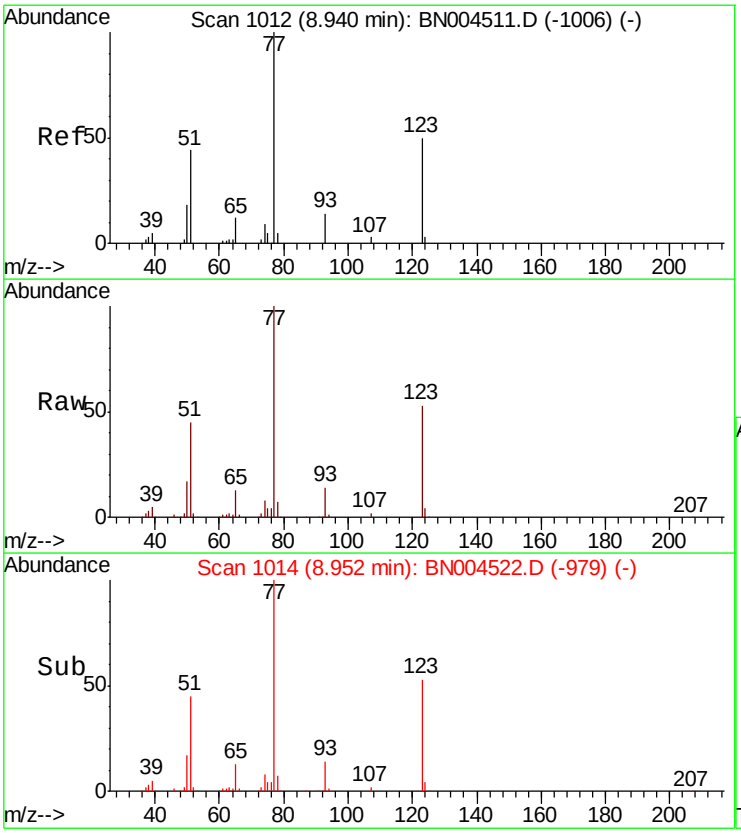
#10
2-Chlorophenol
Concen: 1.460 ng/ul
RT: 7.30 min Scan# 734
Delta R.T. -0.00 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Instrument :
BNA_N
ClientSampleId :
C09R8

Tgt Ion:128 Resp: 2958

Ion	Ratio	Lower	Upper
128	100		
64	41.7	31.0	46.6
130	29.9	26.1	39.1

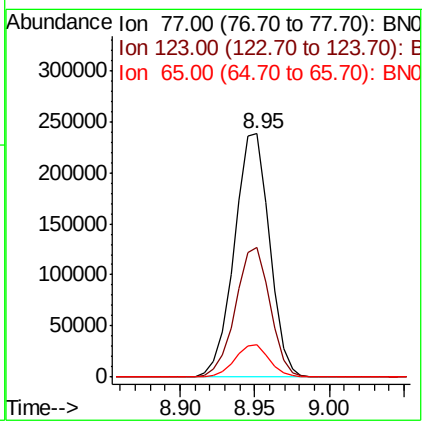


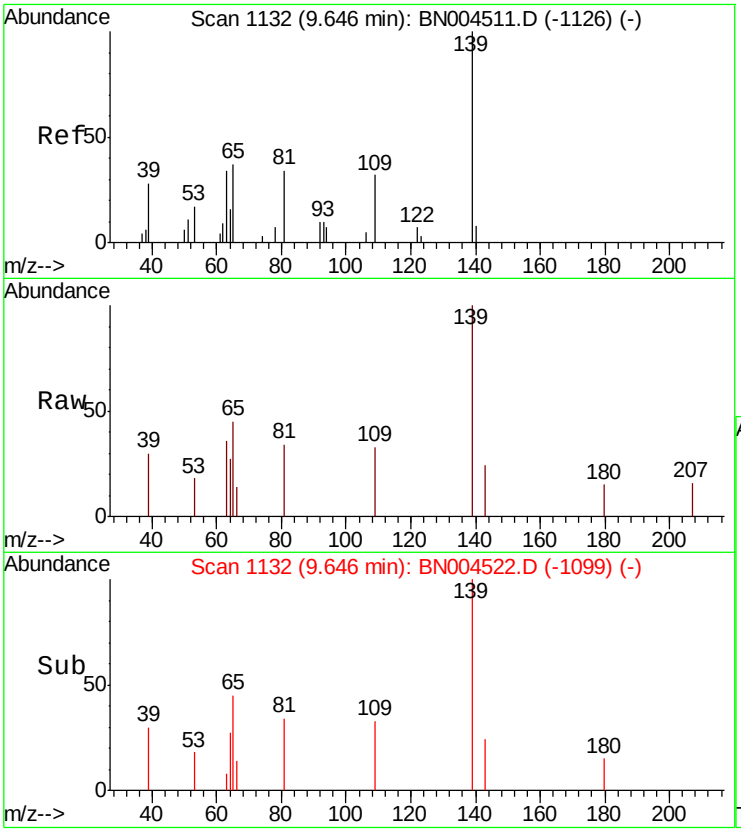


#20
Nitrobenzene
Concen: 200.322 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Tgt Ion: 77 Resp: 391589

Ion	Ratio	Lower	Upper
77	100		
123	53.2	41.6	62.4
65	13.2	10.2	15.4



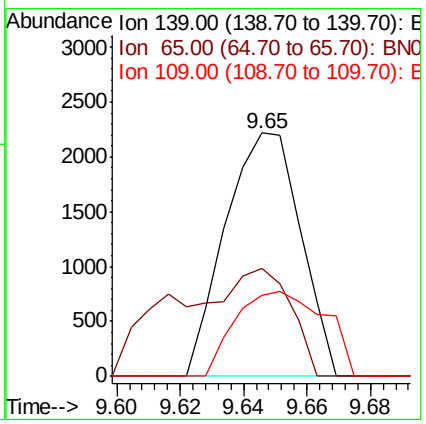


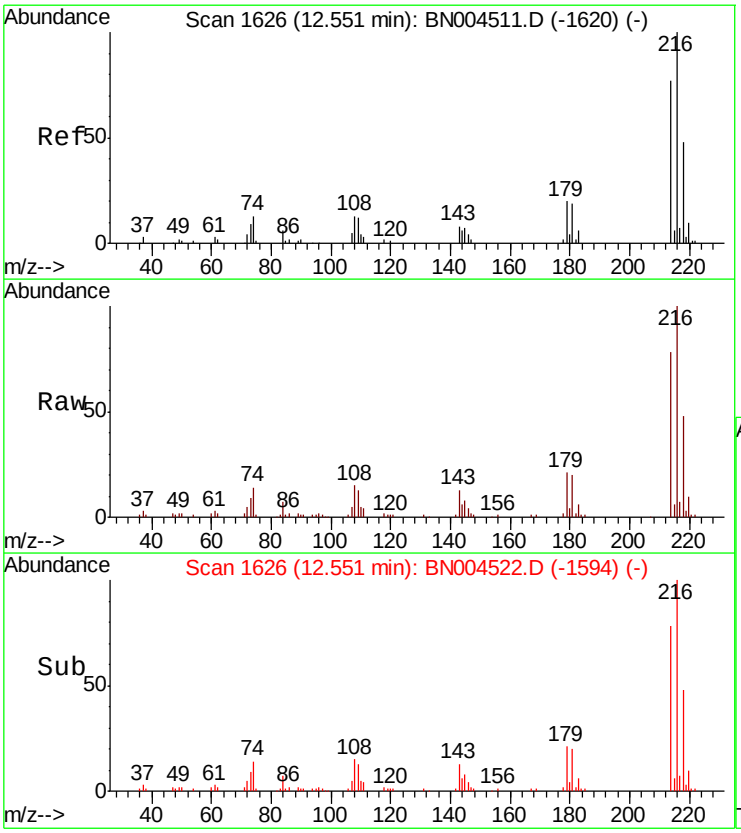
#23
2-Nitrophenol
Concen: 3.495 ng/ul
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Instrument :
BNA_N
ClientSampleId :
C09R8

Tgt Ion:139 Resp: 3656

Ion	Ratio	Lower	Upper
139	100		
65	44.6	32.7	49.1
109	33.1	22.8	34.2

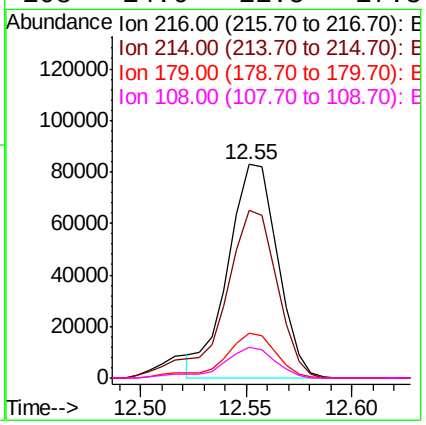


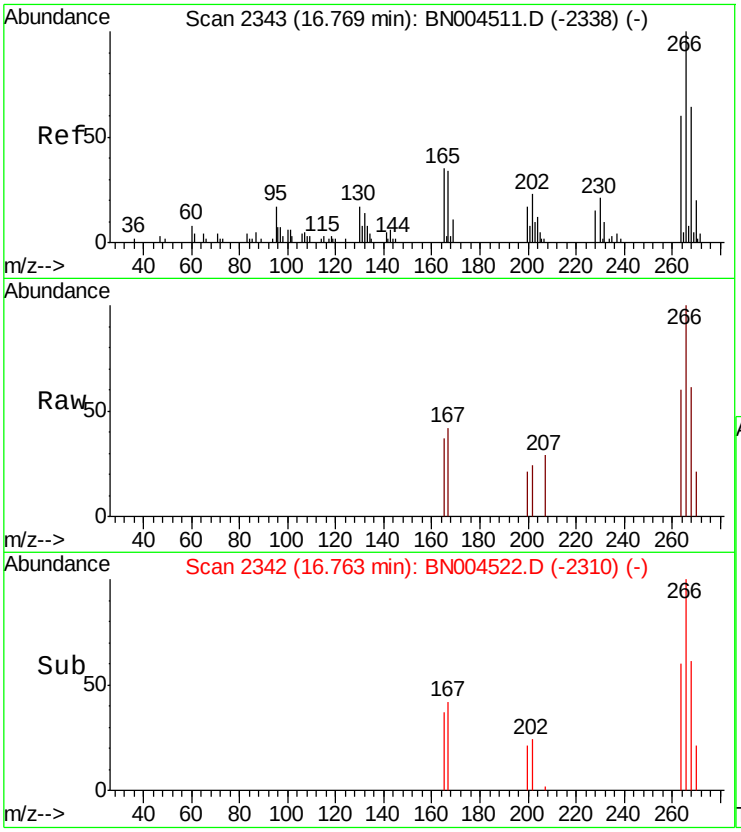


#37
1,2,4,5-Tetrachlorobenzene
Concen: 36.525 ng/ul
RT: 12.55 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Tgt Ion:216 Resp: 135255

Ion	Ratio	Lower	Upper
216	100		
214	78.4	60.9	91.3
179	20.8	16.2	24.4
108	14.6	11.5	17.3



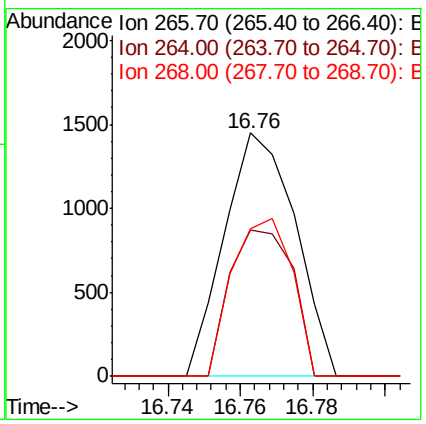


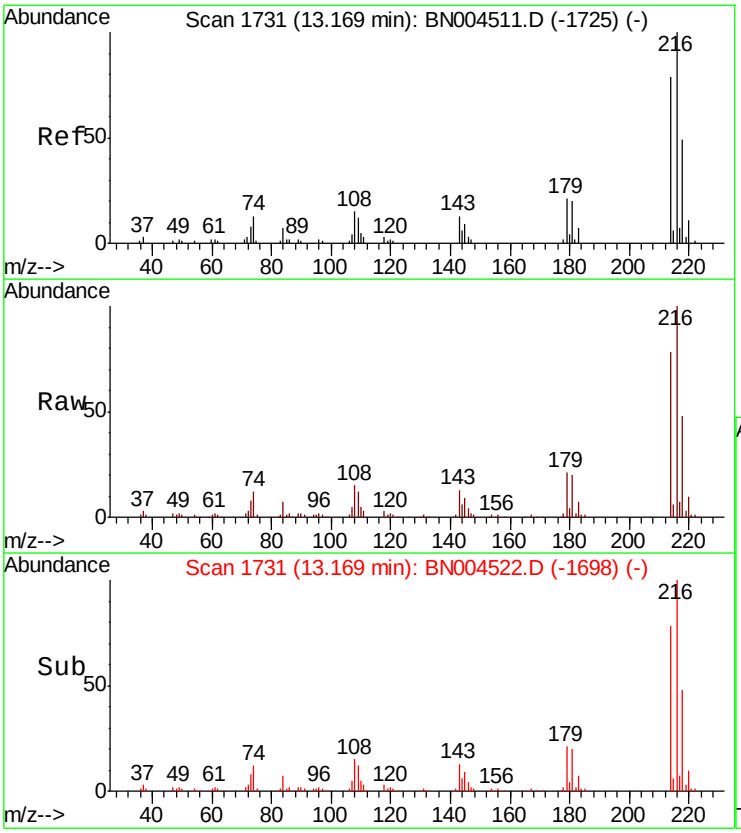
#69
Pentachlorophenol
Concen: 1.214 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Instrument :
BNA_N
ClientSampleId :
C09R8

Tgt Ion:266 Resp: 1975

Ion	Ratio	Lower	Upper
266	100		
264	60.2	50.3	75.5
268	60.6	49.6	74.4

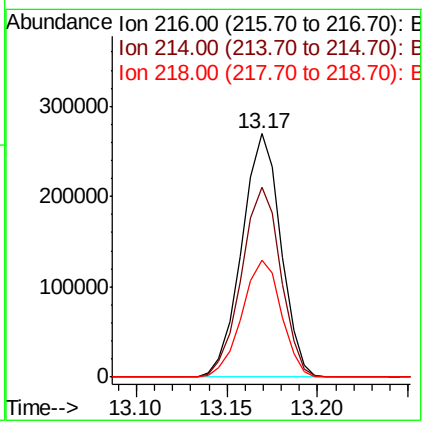


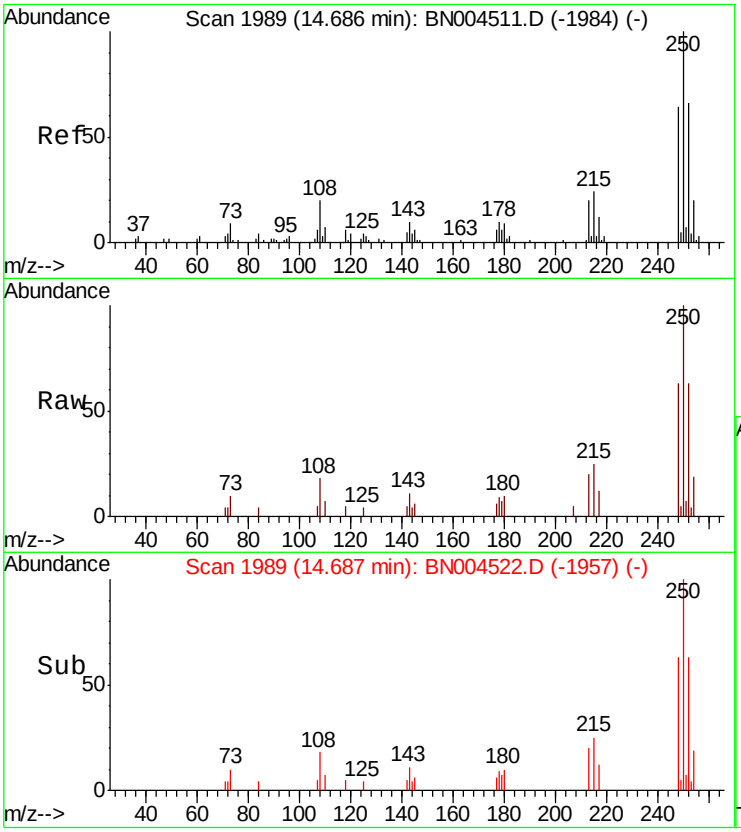


#73
1,2,3,4-Tetrachlorobenzene
Concen: 137.976 ng/uL
RT: 13.17 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Tgt Ion:216 Resp: 403670

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.9	92.9
218	48.0	38.7	58.1





#74
Pentachlorobenzene
Concen: 3.757 ng/uL
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

Instrument :
BNA_N
ClientSampleId :
C09R8

Tgt Ion:250 Resp: 11748

Ion	Ratio	Lower	Upper
250	100		
248	63.4	51.5	77.3
252	63.4	50.4	75.6