

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
 Data File : BN004518.D
 Acq On : 27 Feb 2019 02:37
 Operator : JU/SJ
 Sample : K1623-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C09R3

Quant Time: Feb 27 06:00:50 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	7.74	152	29772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	142576	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	88947	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	216330	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	312985	20.00	ng/ul	-0.01
86) Perylene-d12	23.59	264	370489	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2022	4.08	ng/uL	0.00
5) Phenol-d5	6.89	99	14805	5.58	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	34547	25.95	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	51594	23.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	31371	13.76	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	33279	35.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	37590	38.15	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.14	165	67326	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	2354	0.95	ng/ul	-0.01
44) Dimethylphthalate-d6	13.79	166	242447	32.14	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	301077	33.69	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	8402	5.82	ng/ul	-0.01
58) Fluorene-d10	15.37	176	218017	32.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	29893	23.69	ng/ul	-0.01
71) Anthracene-d10	17.22	188	357908	34.52	ng/ul	-0.01
79) Pyrene-d10	19.52	212	448086	31.94	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.45	264	670037	34.46	ng/ul	-0.01

Target Compounds

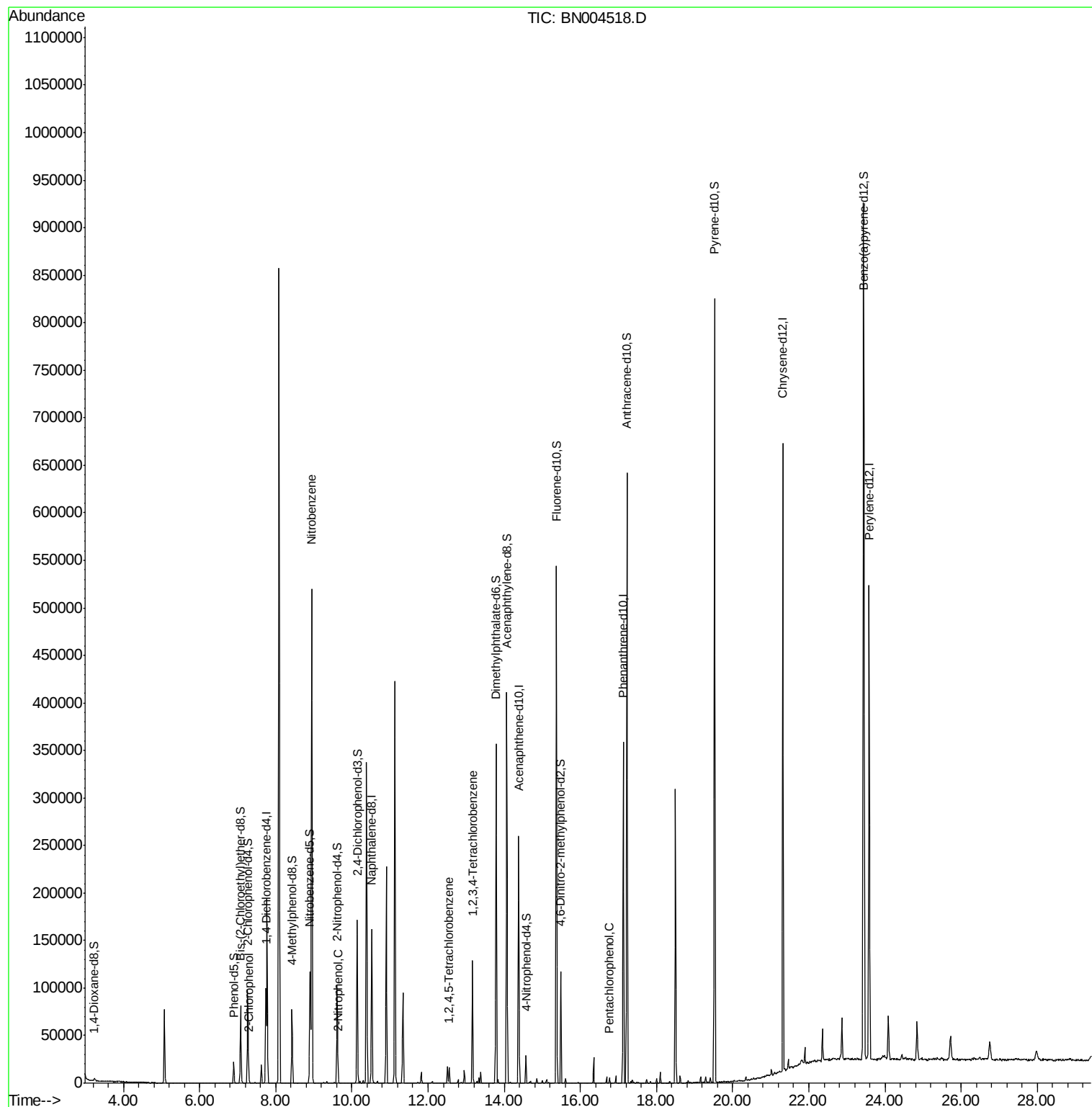
					Ovalue
10) 2-Chlorophenol	7.30	128	2979	1.391	ng/ul 98
20) Nitrobenzene	8.95	77	274867	133.105	ng/ul 97
23) 2-Nitrophenol	9.65	139	3172	2.870	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	7103	2.399	ng/ul 96
69) Pentachlorophenol	16.77	266	2043	1.238	ng/ul 93
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	43661	14.714	ng/uL 98

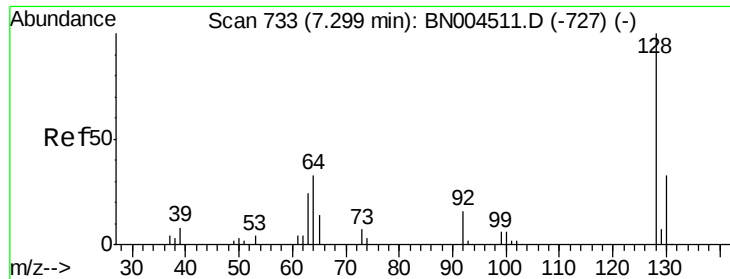
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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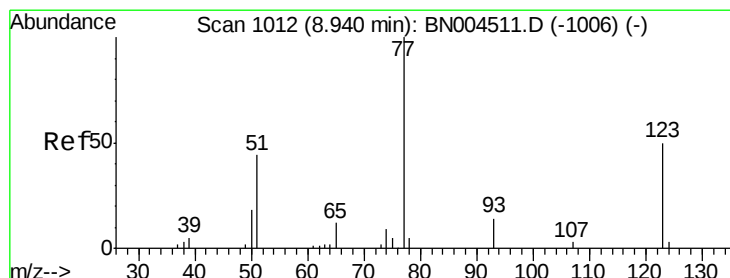
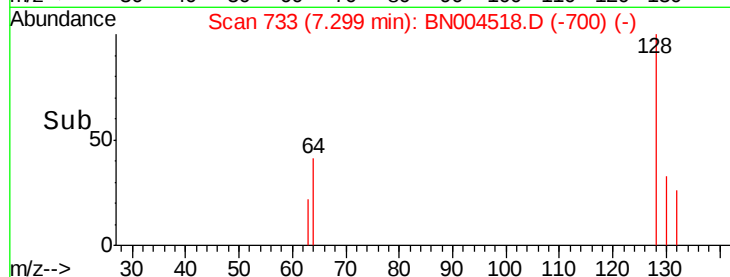
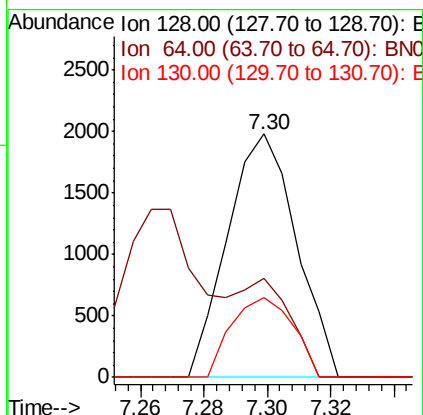
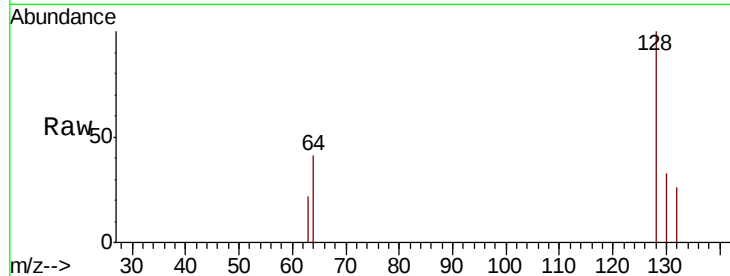




#10
2-Chlorophenol
Concen: 1.391 ng/ul
RT: 7.30 min Scan# 733
Delta R.T. -0.01 min
Lab File: BN004518.D
Acq: 27 Feb 2019 02:37

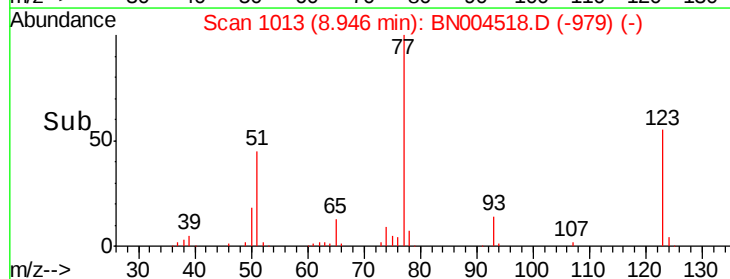
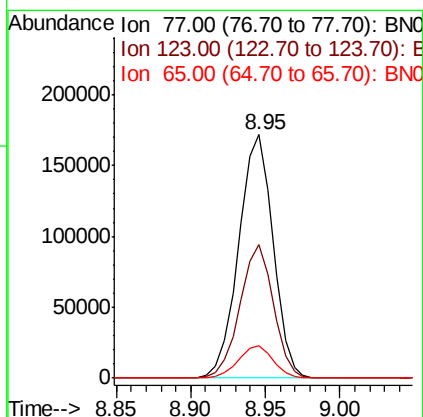
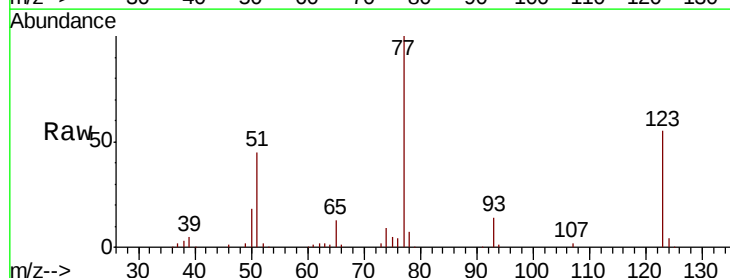
Instrument :
BNA_N
ClientSampleId :
C09R3

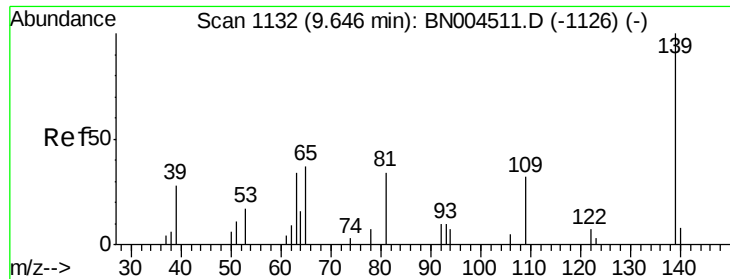
Tot Ion:128 Resp: 2979
Ion Ratio Lower Upper
128 100
64 40.9 31.0 46.6
130 32.9 26.1 39.1



#20
Nitrobenzene
Concen: 133.105 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN004518.D
Acq: 27 Feb 2019 02:37

Tgt Ion: 77 Resp: 274867
Ion Ratio Lower Upper
77 100
123 54.6 41.6 62.4
65 13.5 10.2 15.4





#23

2-Nitrophenol

Concen: 2.870 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BN004518.D

Acq: 27 Feb 2019 02:37

Instrument :

BNA_N

ClientSampled :

C09R3

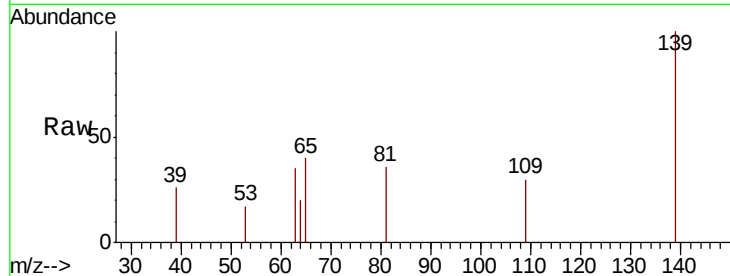
Tot Ion:139 Resp: 3172

Ion Ratio Lower Upper

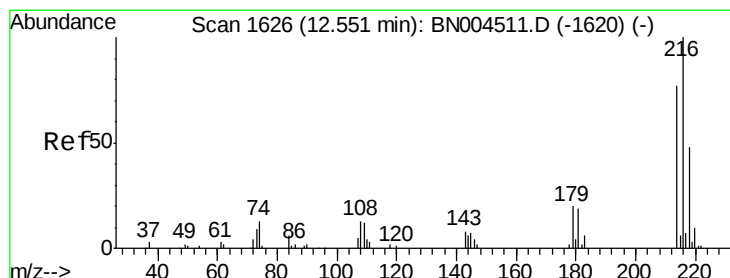
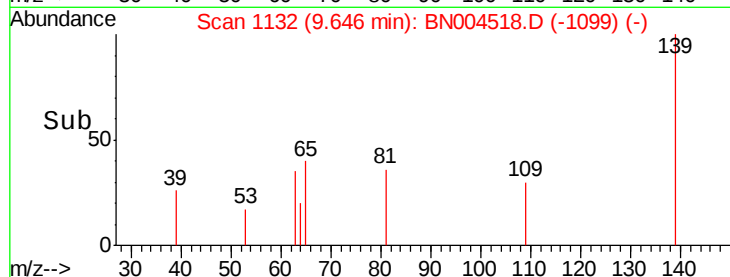
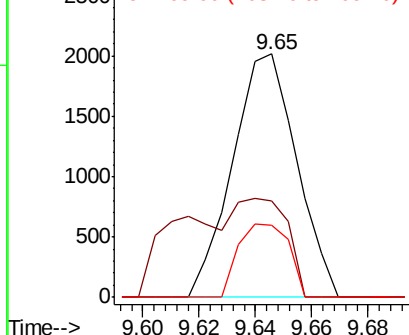
139 100

65 39.8 32.7 49.1

109 29.7 22.8 34.2



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.399 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BN004518.D

Acq: 27 Feb 2019 02:37

Tgt Ion:216 Resp: 7103

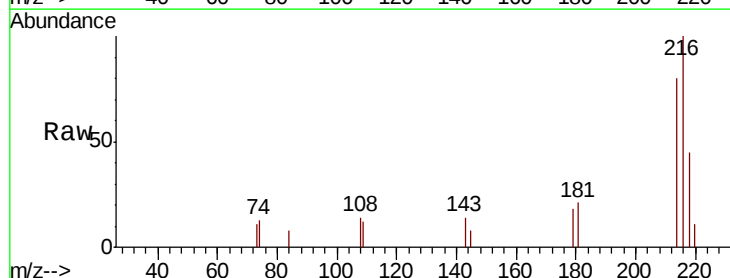
Ion Ratio Lower Upper

216 100

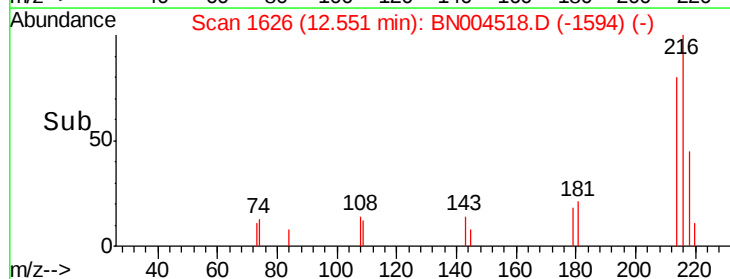
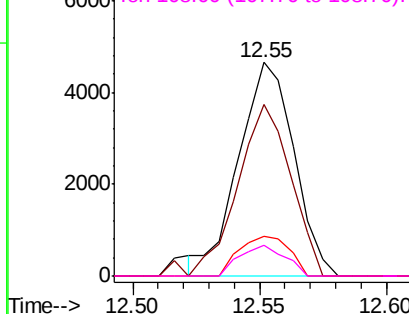
214 80.0 60.9 91.3

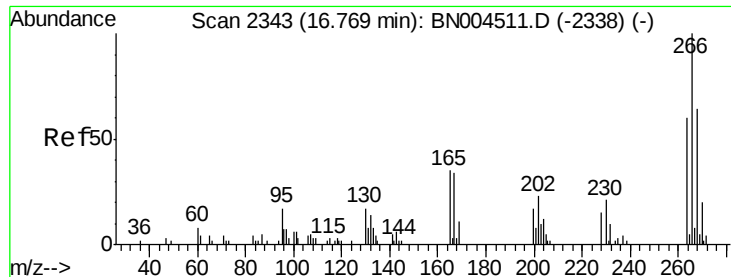
179 18.5 16.2 24.4

108 14.3 11.5 17.3



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





#69

Pentachlorophenol

Concen: 1.238 ng/ul

RT: 16.77 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BN004518.D

Acq: 27 Feb 2019 02:37

Instrument :

BNA_N

ClientSampled :

C09R3

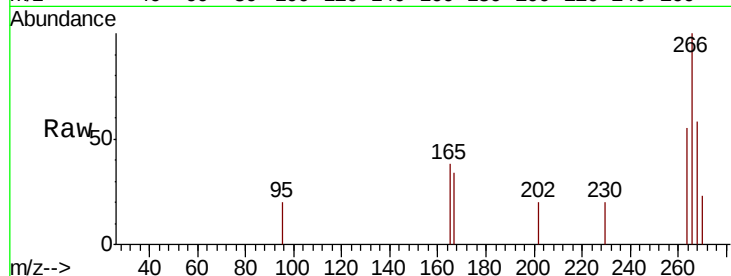
Tot Ion:266 Resp: 2043

Ion Ratio Lower Upper

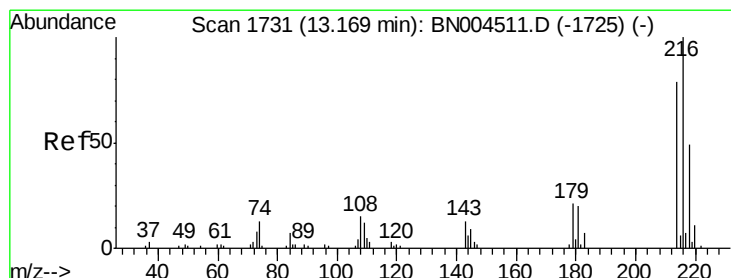
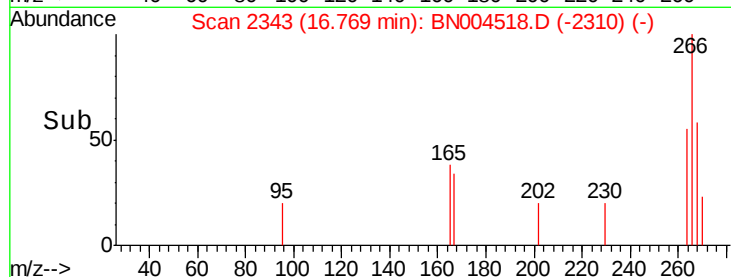
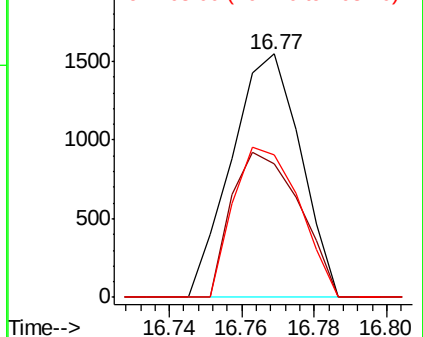
266 100

264 55.0 50.3 75.5

268 58.5 49.6 74.4



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 14.714 ng/uL

RT: 13.16 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BN004518.D

Acq: 27 Feb 2019 02:37

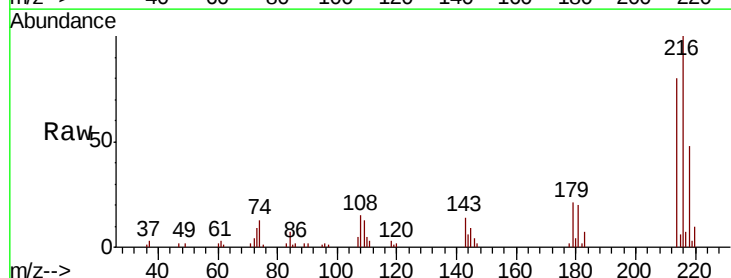
Tgt Ion:216 Resp: 43661

Ion Ratio Lower Upper

216 100

214 79.5 61.9 92.9

218 48.0 38.7 58.1



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

