

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 06:17:19 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

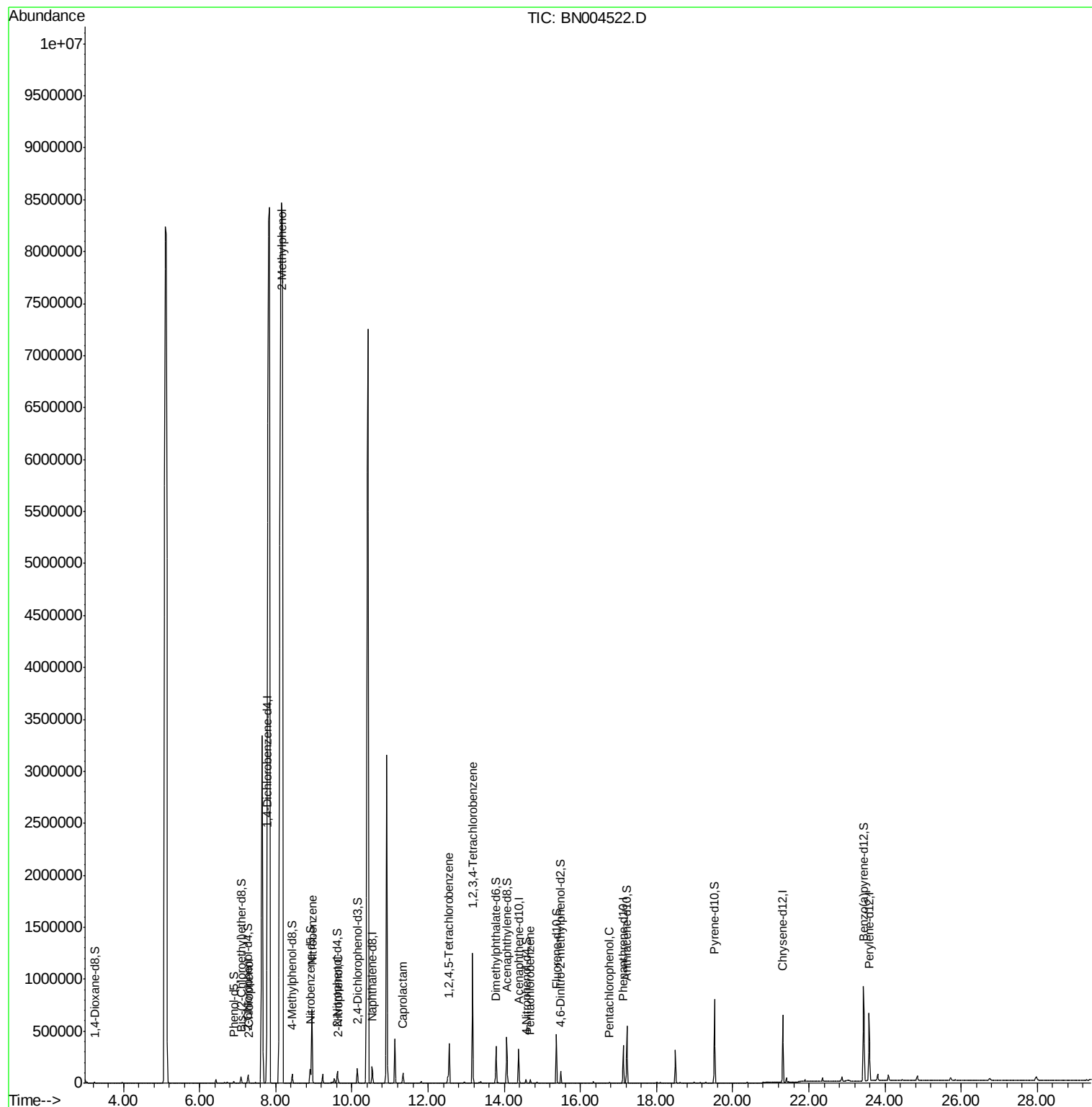
					Qvalue	
10) 2-Chlorophenol	7.30	128	2958	1.460	ng/ul	95
11) 2-Methylphenol	8.15	108	60363	30.127	ng/ul	99
20) Nitrobenzene	8.95	77	391589	200.322	ng/ul	98
23) 2-Nitrophenol	9.65	139	3656	3.495	ng/ul	93
32) Caprolactam	11.35	113	7316	10.378	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	135255	36.525	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

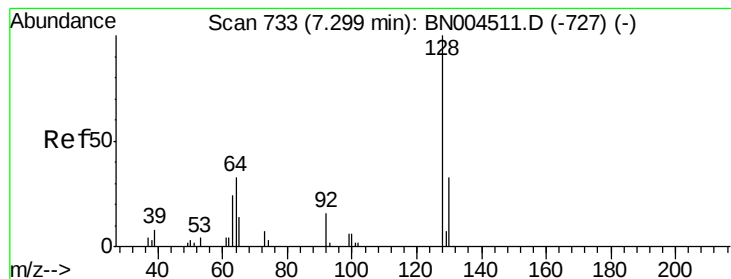
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

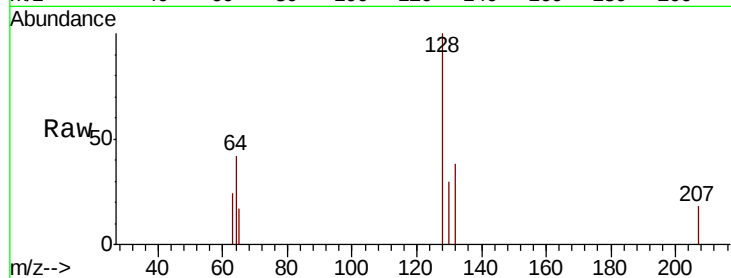
Tgt Ion:128 Resp: 2958

Ion Ratio Lower Upper

128 100

64 41.7 31.0 46.6

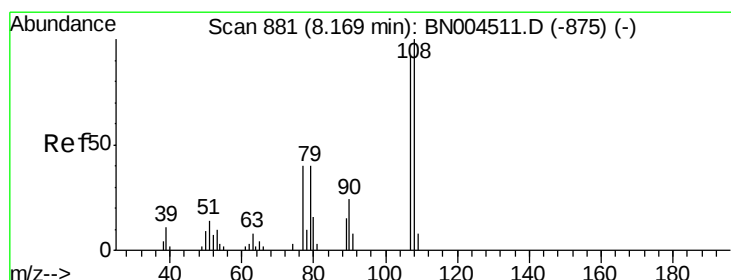
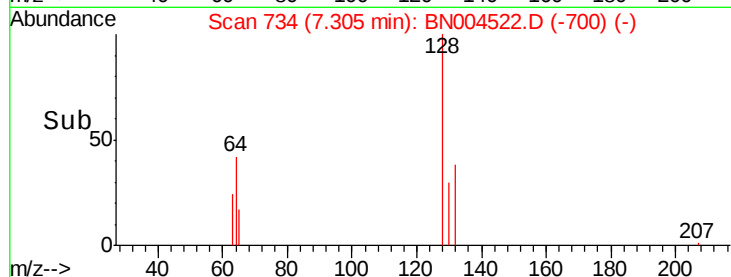
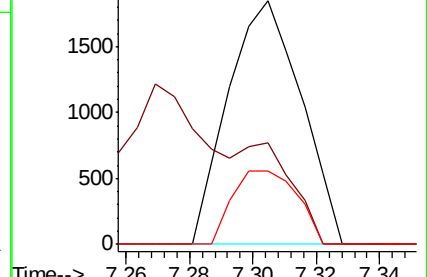
130 29.9 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 30.127 ng/ul

RT: 8.15 min Scan# 878

Delta R.T. -0.02 min

Lab File: BN004522.D

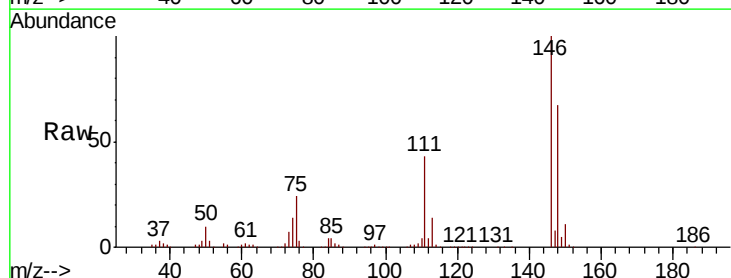
Acq: 27 Feb 2019 04:58

Tgt Ion:108 Resp: 60363

Ion Ratio Lower Upper

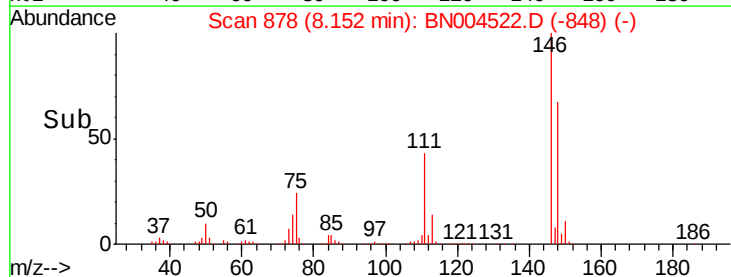
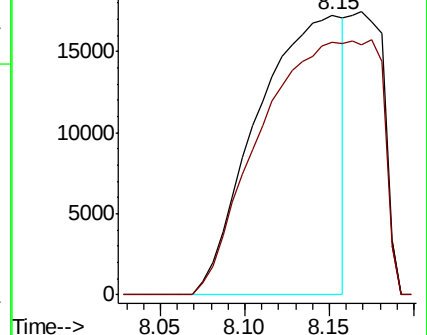
108 100

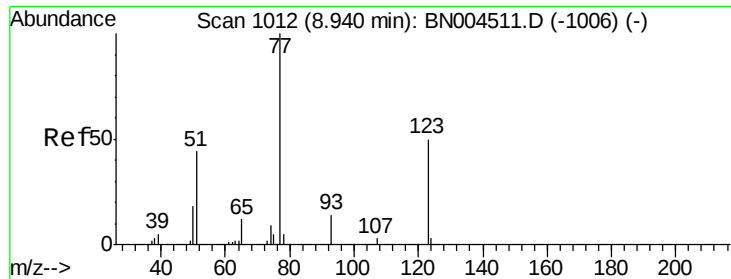
107 90.3 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

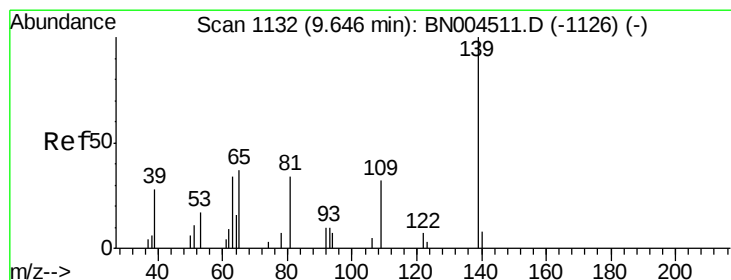
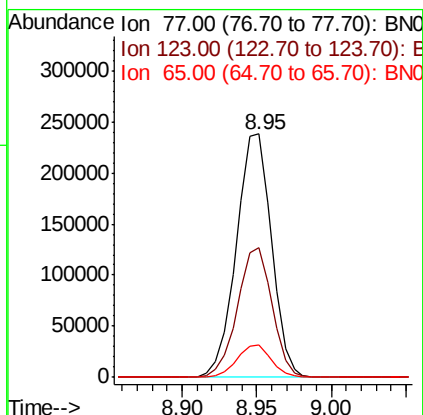
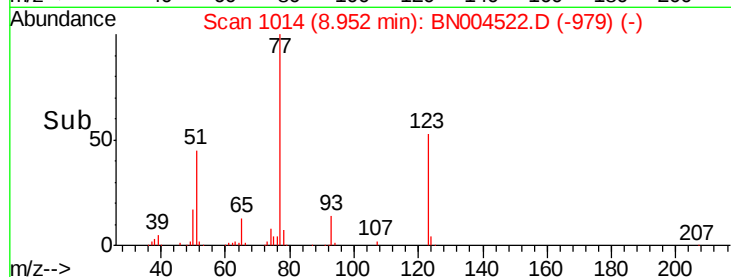
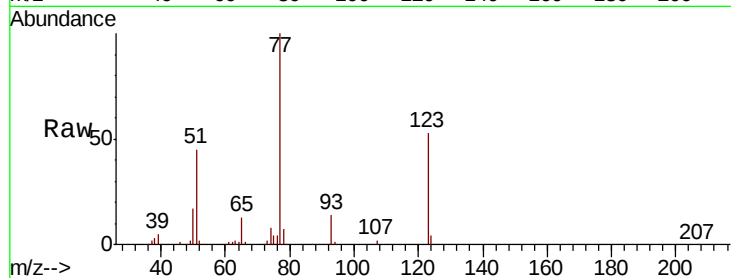




#20
Nitrobenzene
Concen: 200.322 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BN004522.D
Acq: 27 Feb 2019 04:58

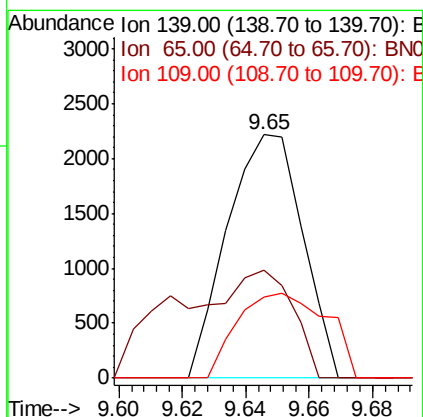
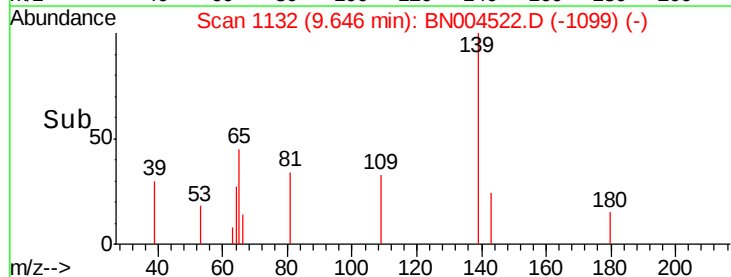
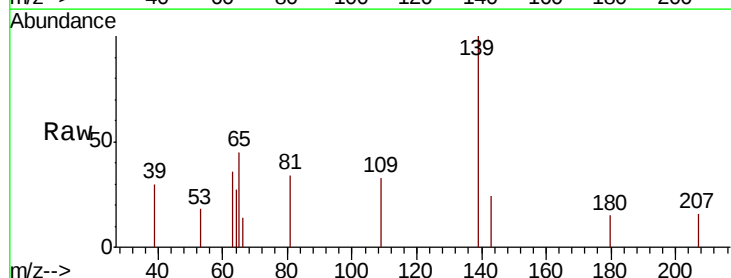
Instrument :
BNA_N
ClientSampleId :
C09R8

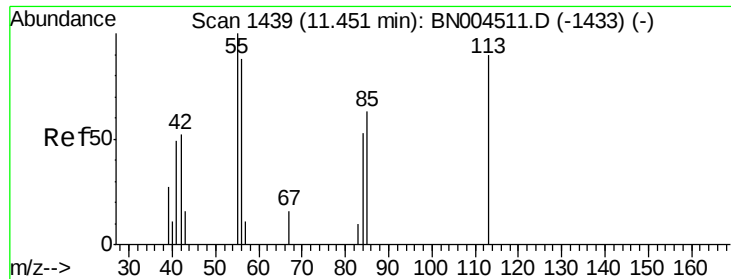
Tgt Ion: 77 Resp: 391589
Ion Ratio Lower Upper
77 100
123 53.2 41.6 62.4
65 13.2 10.2 15.4



#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

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





#32

Caprolactam

Concen: 10.378 ng/ul

RT: 11.35 min Scan# 1421

Delta R.T. -0.12 min

Lab File: BN004522.D

Acq: 27 Feb 2019 04:58

Instrument :

BNA_N

ClientSampled :

C09R8

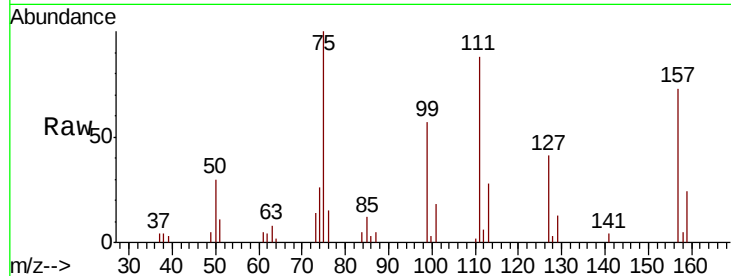
Tgt Ion:113 Resp: 7316

Ion Ratio Lower Upper

113 100

55 0.0 100.7 151.1#

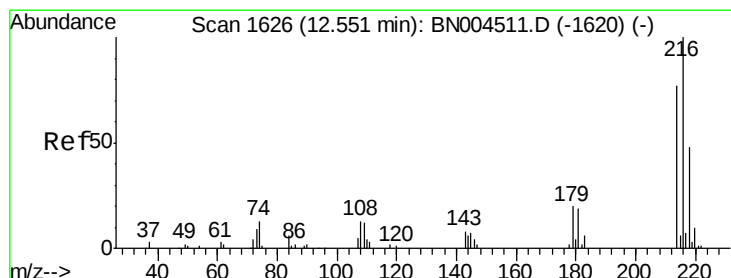
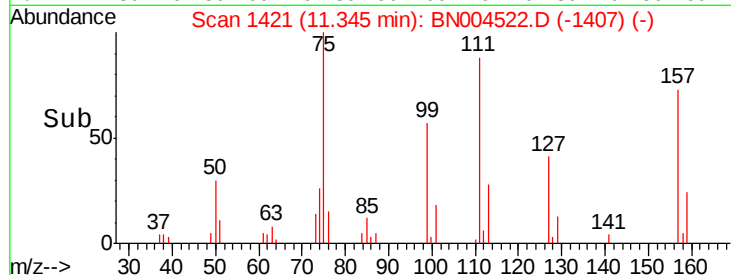
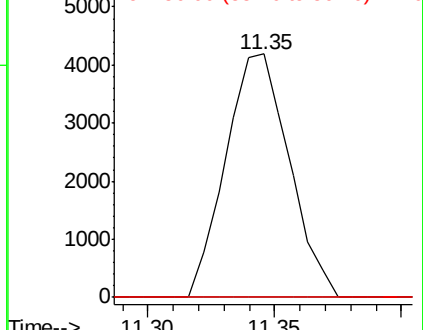
56 0.0 76.1 114.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#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

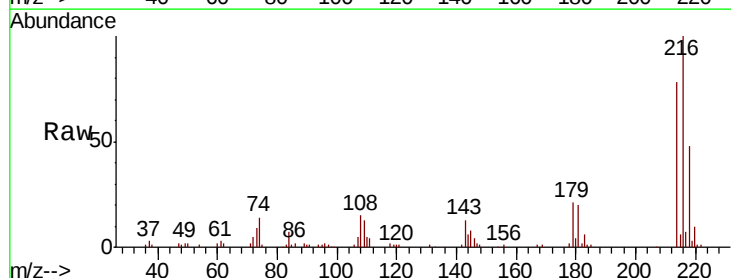
Ion Ratio Lower Upper

216 100

214 78.4 60.9 91.3

179 20.8 16.2 24.4

108 14.6 11.5 17.3

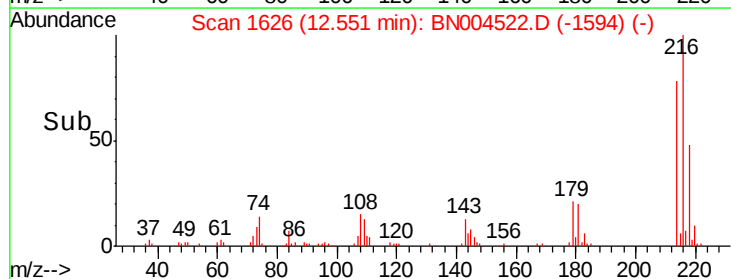
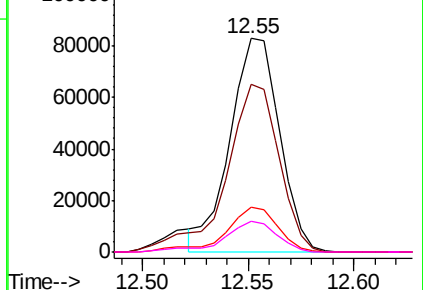


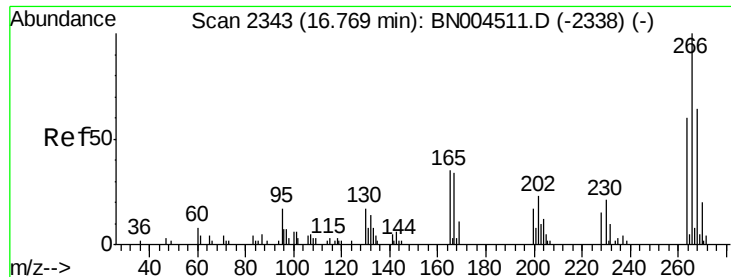
Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.214 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

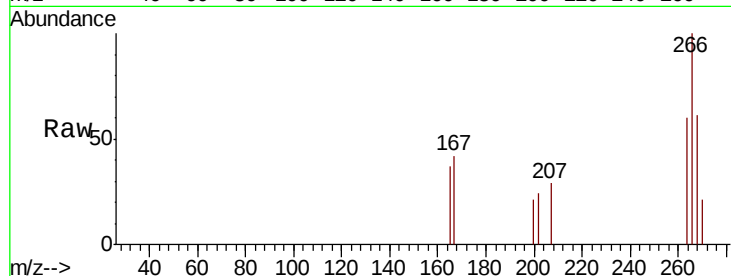
Tgt Ion:266 Resp: 1975

Ion Ratio Lower Upper

266 100

264 60.2 50.3 75.5

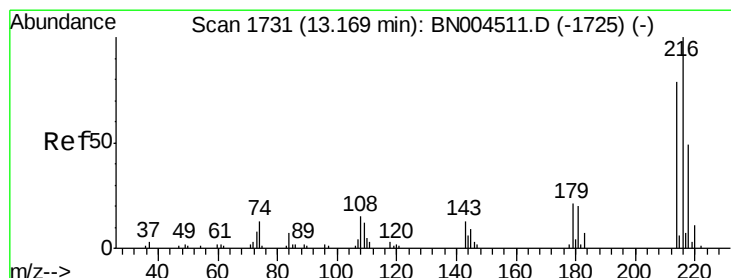
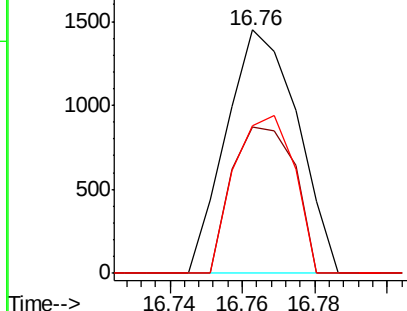
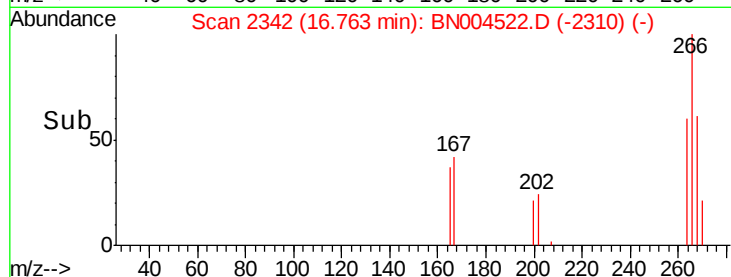
268 60.6 49.6 74.4



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: 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

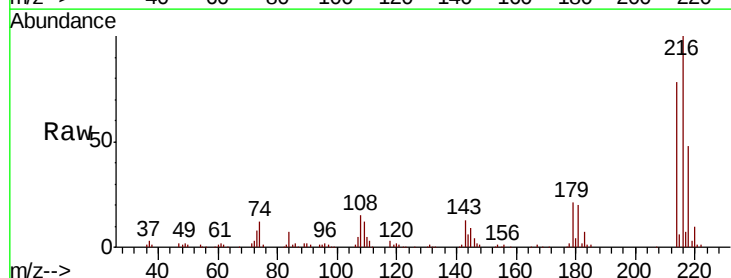
Tgt Ion:216 Resp: 403670

Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

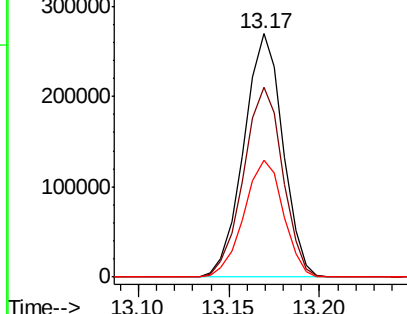
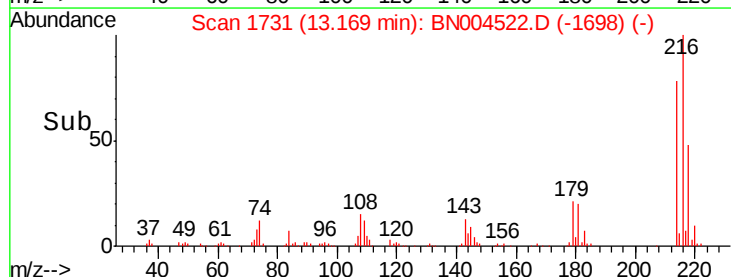
218 48.0 38.7 58.1

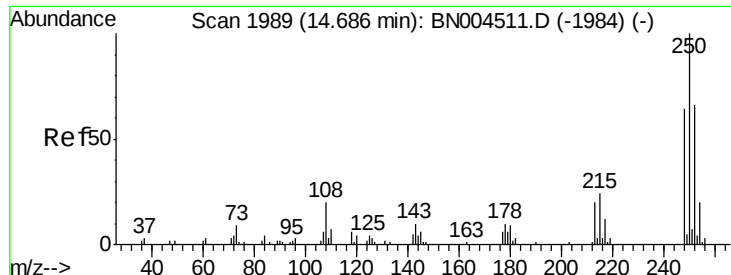


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.757 ng/uL

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN004522.D

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Instrument :

BNA_N

ClientSampleId :

C09R8

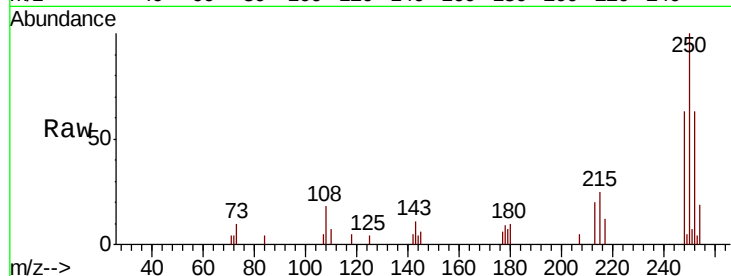
Tgt Ion:250 Resp: 11748

Ion Ratio Lower Upper

250 100

248 63.4 51.5 77.3

252 63.4 50.4 75.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

