

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002763.D
 Acq On : 18 Sep 2018 21:30
 Operator : JU/SJ
 Sample : J4896-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:10:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	141626	20.00	ng/ul	0.04
18) Naphthalene-d8	10.45	136	602263	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.28	164	331546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	697316	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	609349	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	600028	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	28821	9.39	ng/uL	0.00
5) Phenol-d5	6.84	99	278899	23.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	179180	23.99	ng/ul	0.02
9) 2-Chlorophenol-d4	7.20	132	237612	24.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.37	113	224062	24.05	ng/ul	0.01
19) Nitrobenzene-d5	8.81	128	113252	24.28	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	127406	24.13	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.07	165	223094	23.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.58	131	261655	23.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	697492	26.88	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	828286	24.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	99627	23.22	ng/ul	0.00
57) Fluorene-d10	15.28	176	598140	26.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	100119	22.95	ng/ul	0.00
70) Anthracene-d10	17.13	188	890979	26.76	ng/ul	0.00
78) Pyrene-d10	19.43	212	900467	28.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	861957	27.29	ng/ul	0.00

Target Compounds

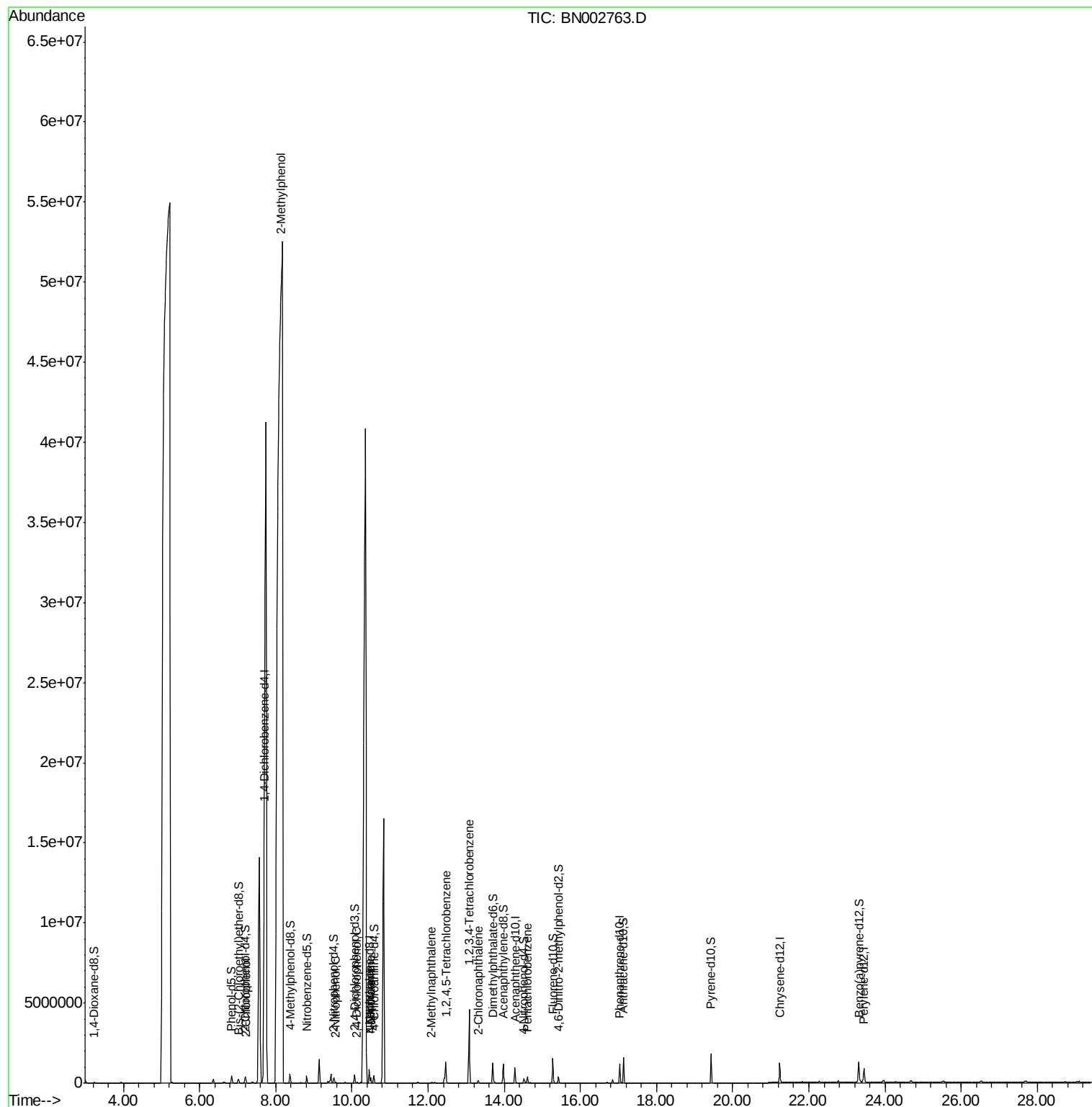
					Ovalue	
10) 2-Chlorophenol	7.23	128	17633	1.795	ng/ul	93
11) 2-Methylphenol	8.14	108	674119	74.021	ng/ul	96
23) 2-Nitrophenol	9.56	139	8290	1.517	ng/ul#	86
27) 2,4-Dichlorophenol	10.13	162	21972	2.375	ng/ul	95
28) Naphthalene	10.49	128	235861	7.598	ng/ul	99
30) 4-Chloroaniline	10.49	127	30692	2.780	ng/ul#	1
34) 2-Methylnaphthalene	12.09	142	28694	1.323	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	420283	38.159	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	56217	2.624	ng/ul#	41
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	1448165	121.563	ng/uL	98
73) Pentachlorobenzene	14.61	250	109134	10.260	ng/uL	100

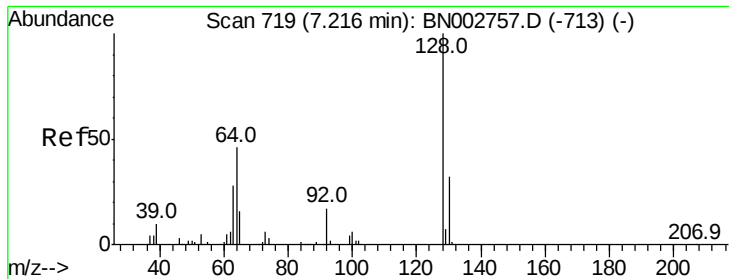
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091818\
Data File : BN002763.D
Acq On : 18 Sep 2018 21:30
Operator : JU/SJ
Sample : J4896-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 02:10:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration

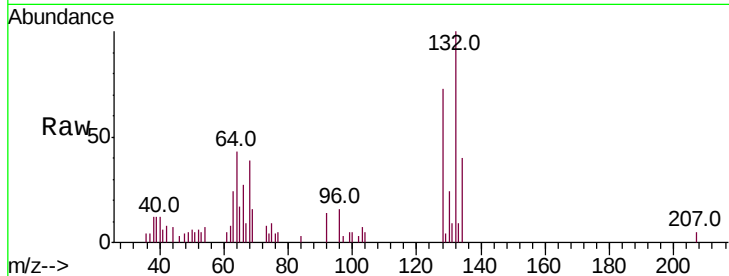




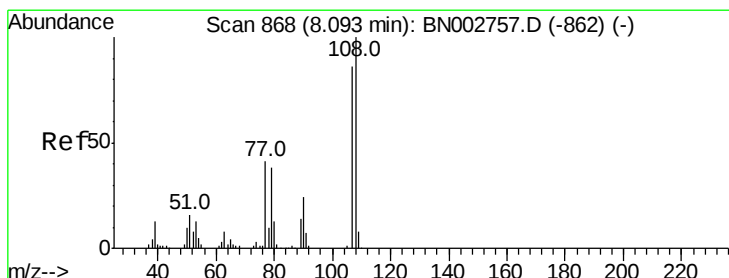
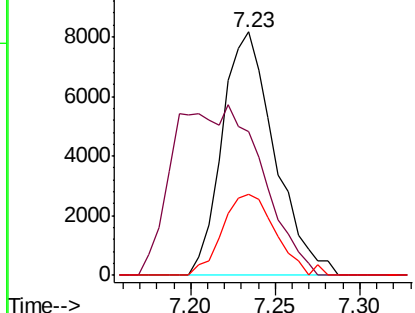
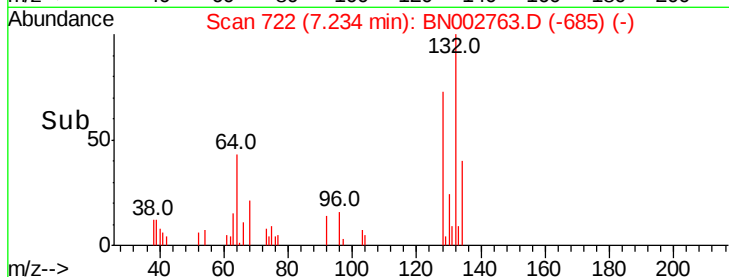
#10
2-Chlorophenol
Concen: 1.795 ng/ul
RT: 7.23 min Scan# 722
Delta R.T. 0.02 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:128 Resp: 17633
Ion Ratio Lower Upper
128 100
64 58.8 40.4 60.6
130 33.4 26.8 40.2

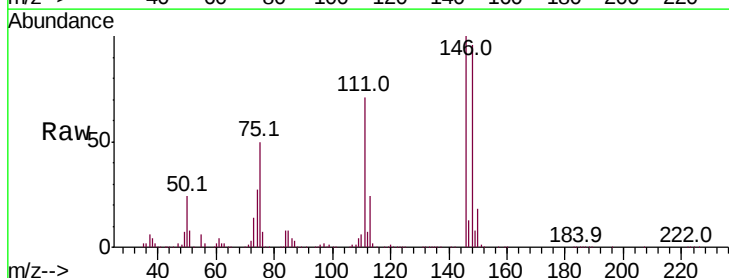


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

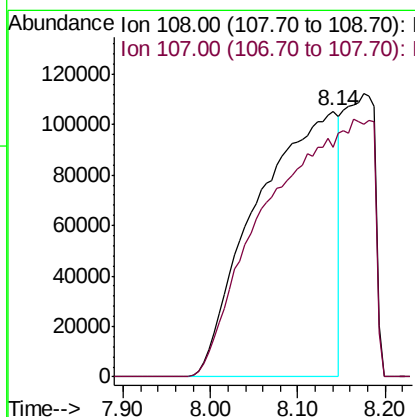
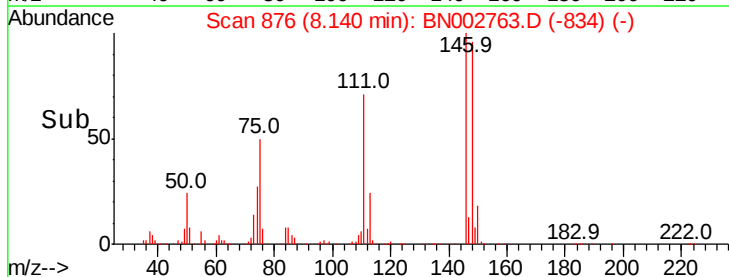


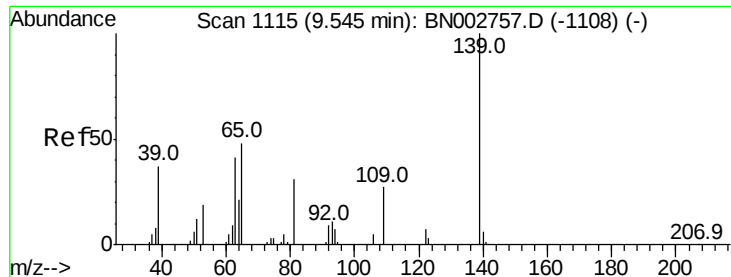
#11
2-Methylphenol
Concen: 74.021 ng/ul
RT: 8.14 min Scan# 876
Delta R.T. 0.05 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Tgt Ion:108 Resp: 674119
Ion Ratio Lower Upper
108 100
107 86.6 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#23

2-Nitrophenol

Concen: 1.517 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BN002763.D

Acq: 18 Sep 2018 21:30

Instrument :

BNA_N

ClientSampleId :

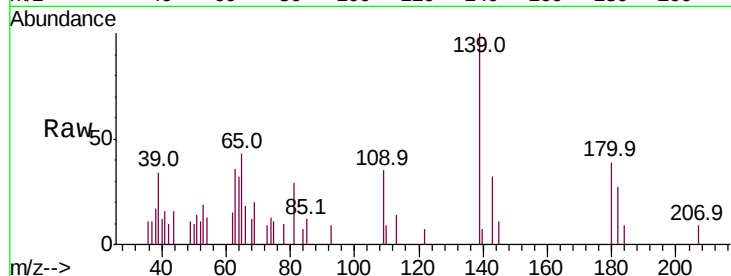
Tot Ion:139 Resp: 8290

Ion Ratio Lower Upper

139 100

65 42.8 42.0 63.0

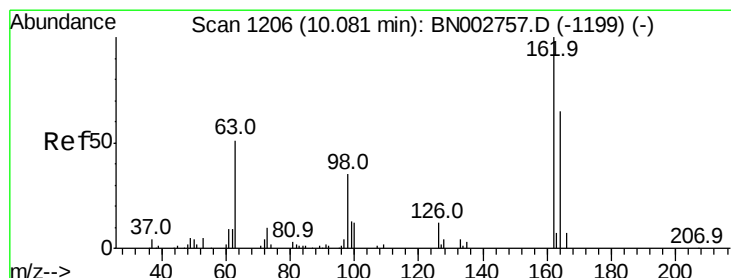
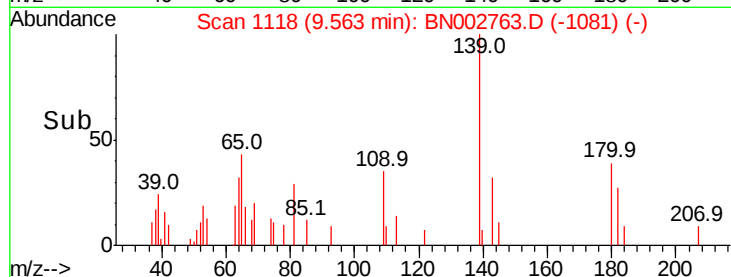
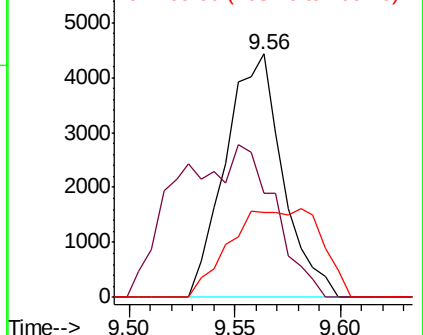
109 34.9 22.0 33.0#



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: 2.375 ng/ul

RT: 10.13 min Scan# 1215

Delta R.T. 0.05 min

Lab File: BN002763.D

Acq: 18 Sep 2018 21:30

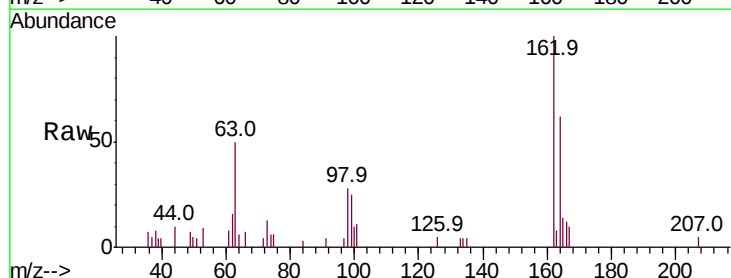
Tgt Ion:162 Resp: 21972

Ion Ratio Lower Upper

162 100

164 62.3 48.6 73.0

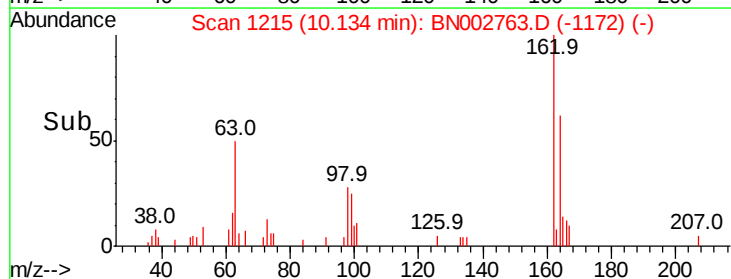
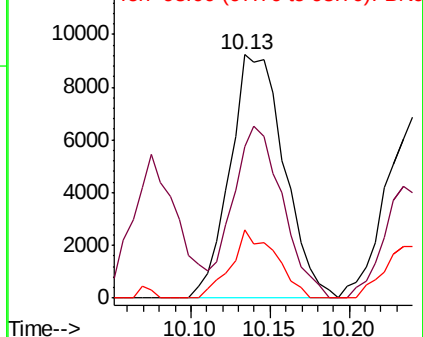
98 27.8 26.6 40.0

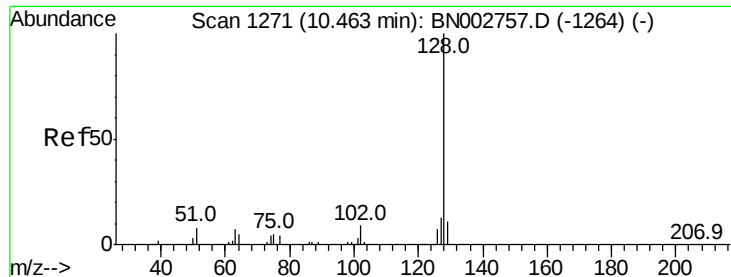


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO

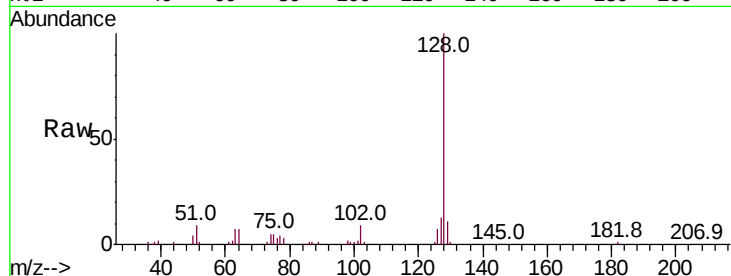




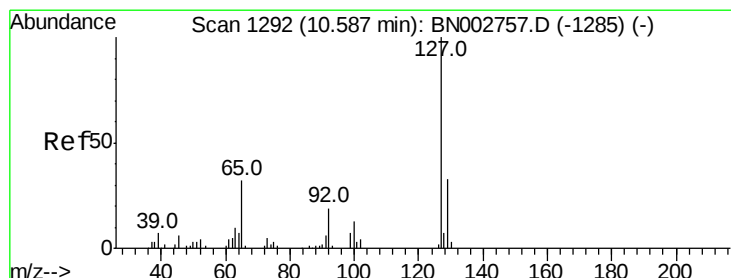
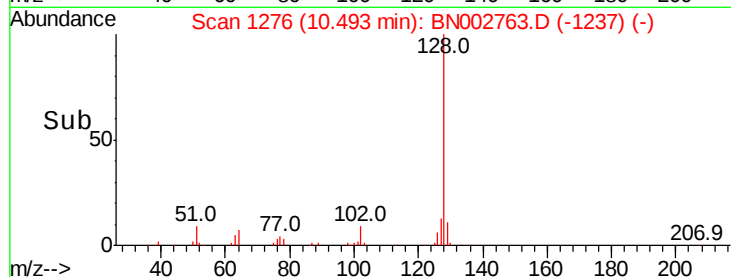
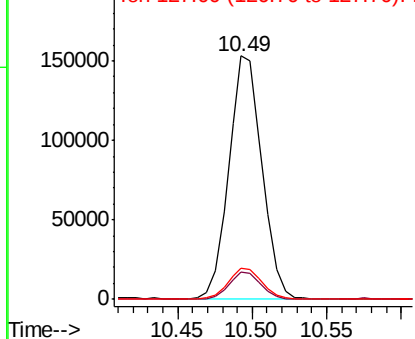
#28
Naphthalene
Concen: 7.598 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. 0.03 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 235861
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 12.8 10.5 15.7

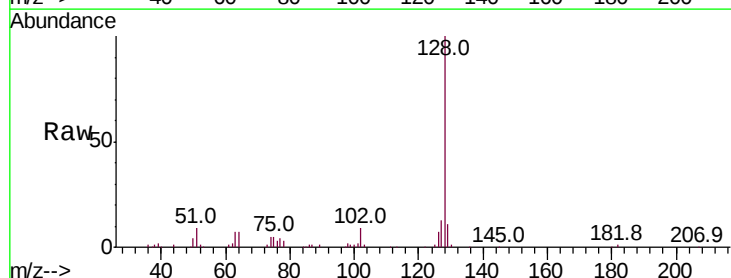


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

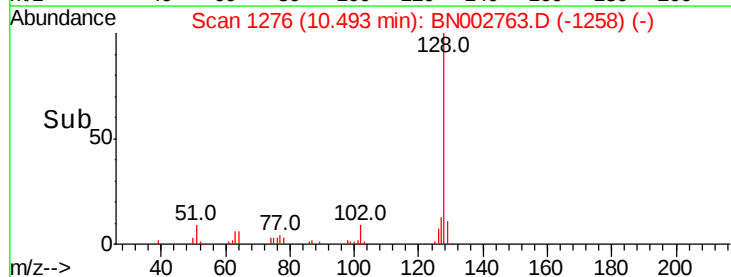
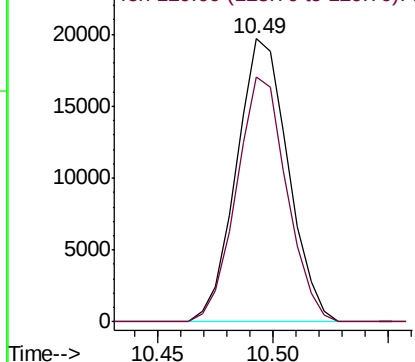


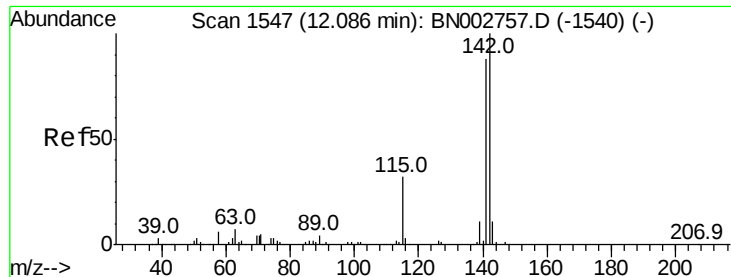
#30
4-Chloroaniline
Concen: 2.780 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. -0.09 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Tgt Ion:127 Resp: 30692
Ion Ratio Lower Upper
127 100
129 86.7 24.5 36.7#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 1.323 ng/ul

RT: 12.09 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN002763.D

Acq: 18 Sep 2018 21:30

Instrument :

BNA_N

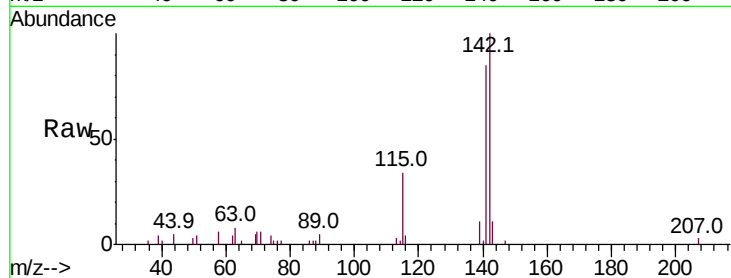
ClientSampleId :

Tot Ion:142 Resp: 28694

Ion Ratio Lower Upper

142 100

141 85.2 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.09

15000

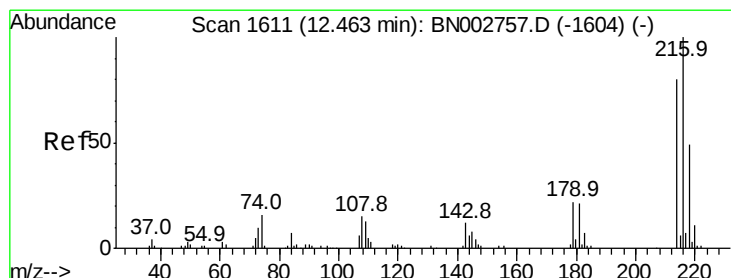
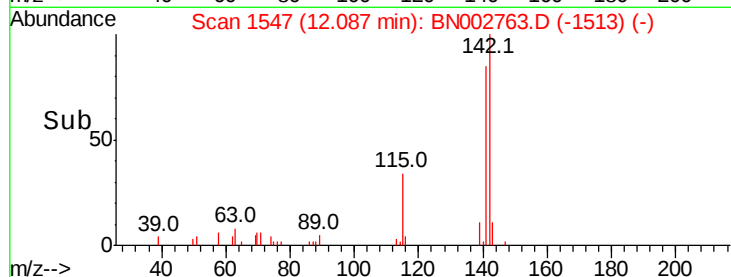
10000

5000

0

Time-->

12.05 12.10 12.15



#36

1,2,4,5-Tetrachlorobenzene

Concen: 38.159 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN002763.D

Acq: 18 Sep 2018 21:30

Tgt Ion:216 Resp: 420283

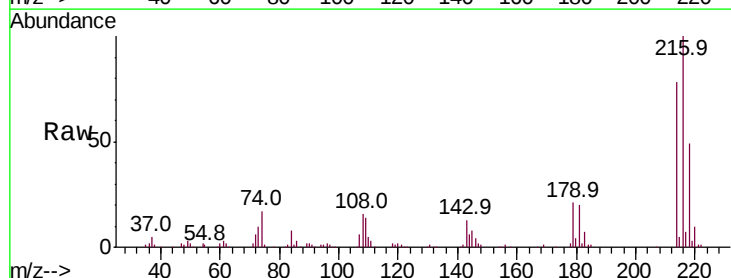
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 20.8 16.5 24.7

108 16.2 13.4 20.2



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

12.46

400000

300000

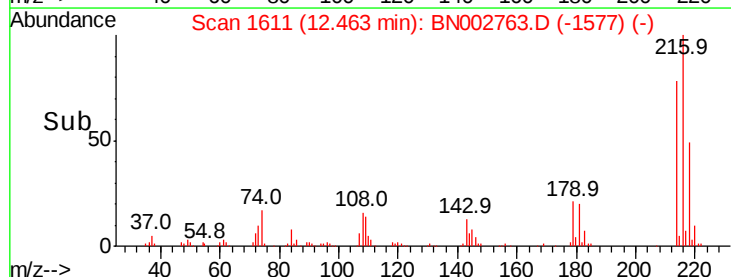
200000

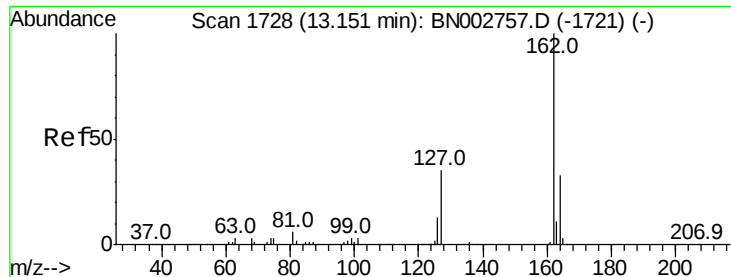
100000

0

Time-->

12.45 12.50

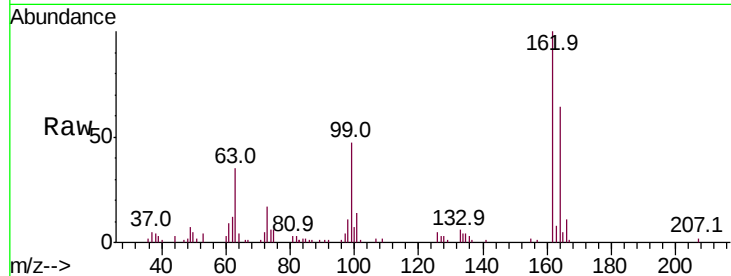




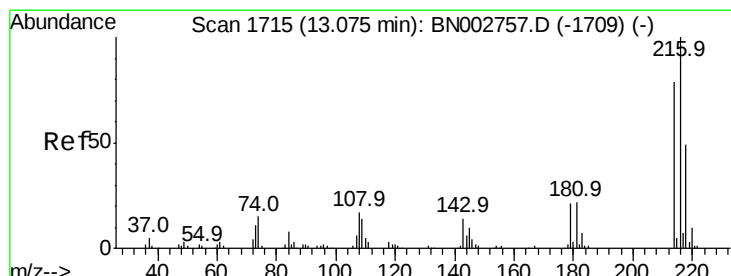
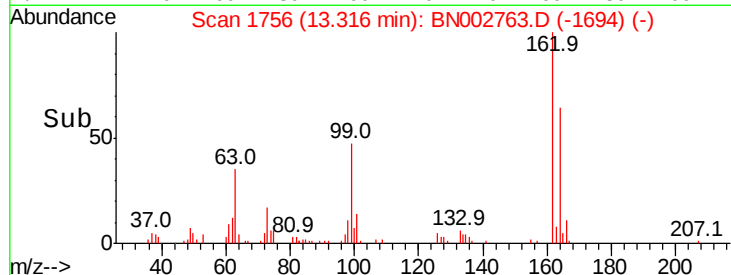
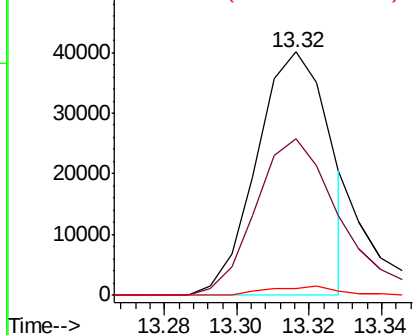
#41
2-Chloronaphthalene
Concen: 2.624 ng/uL
RT: 13.32 min Scan# 1756
Delta R.T. 0.17 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:162 Resp: 56217
Ion Ratio Lower Upper
162 100
164 64.4 25.9 38.9#
127 2.9 32.1 48.1#

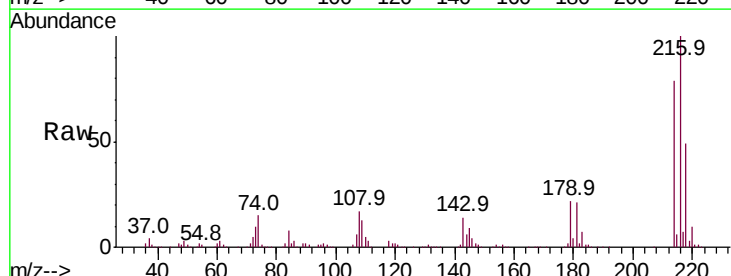


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

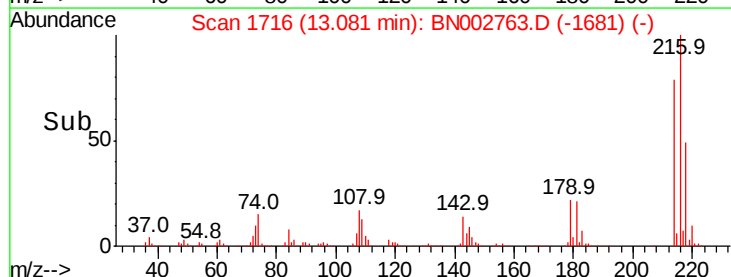
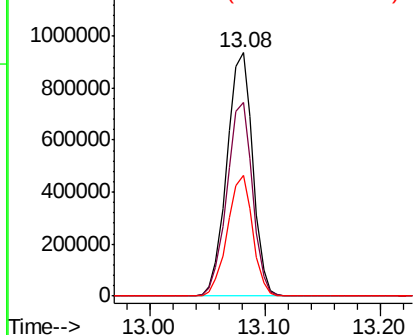


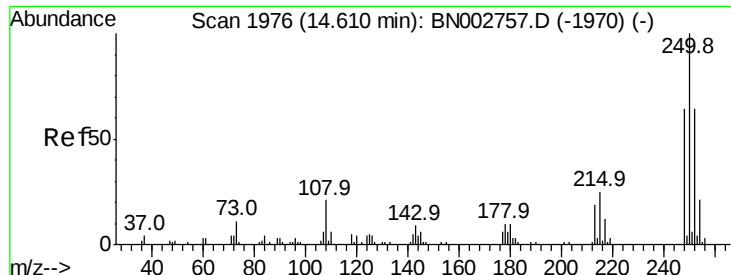
#72
1,2,3,4-Tetrachlorobenzene
Concen: 121.563 ng/uL
RT: 13.08 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BN002763.D
Acq: 18 Sep 2018 21:30

Tgt Ion:216 Resp: 1448165
Ion Ratio Lower Upper
216 100
214 79.5 62.9 94.3
218 49.4 37.8 56.6



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





#73

Pentachlorobenzene

Concen: 10.260 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN002763.D

Acq: 18 Sep 2018 21:30

Instrument :

BNA_N

ClientSampleId :

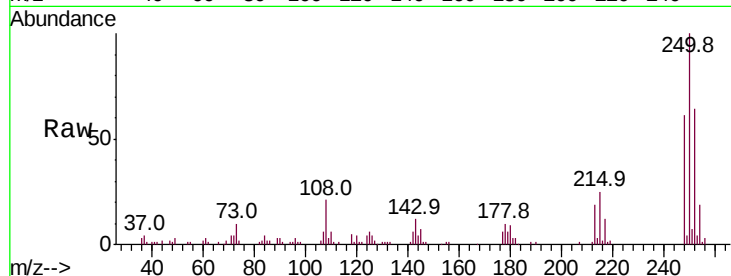
Tot Ion:250 Resp: 109134

Ion Ratio Lower Upper

250 100

248 61.1 49.1 73.7

252 63.5 51.0 76.4



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

