

Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F55

Quant Time: Dec 27 04:50:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 27 04:46:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	28979	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	138797	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	99150	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	197324	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	240992	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	273094	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	1716	3.88	ng/uL	-0.02
5) Phenol-d5	6.99	99	8179	2.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	18614	12.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	22118	9.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	15479	6.48	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	17590	15.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	15690	12.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	28063	12.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	2595	1.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	96716	10.93	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	117793	11.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4471	2.44	ng/ul	0.02
57) Fluorene-d10	15.46	176	83190	10.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	13661	9.61	ng/ul	0.00
70) Anthracene-d10	17.31	188	133185	13.36	ng/ul	0.00
78) Pyrene-d10	19.60	212	150327	13.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	196618	13.27	ng/ul	0.00

Target Compounds

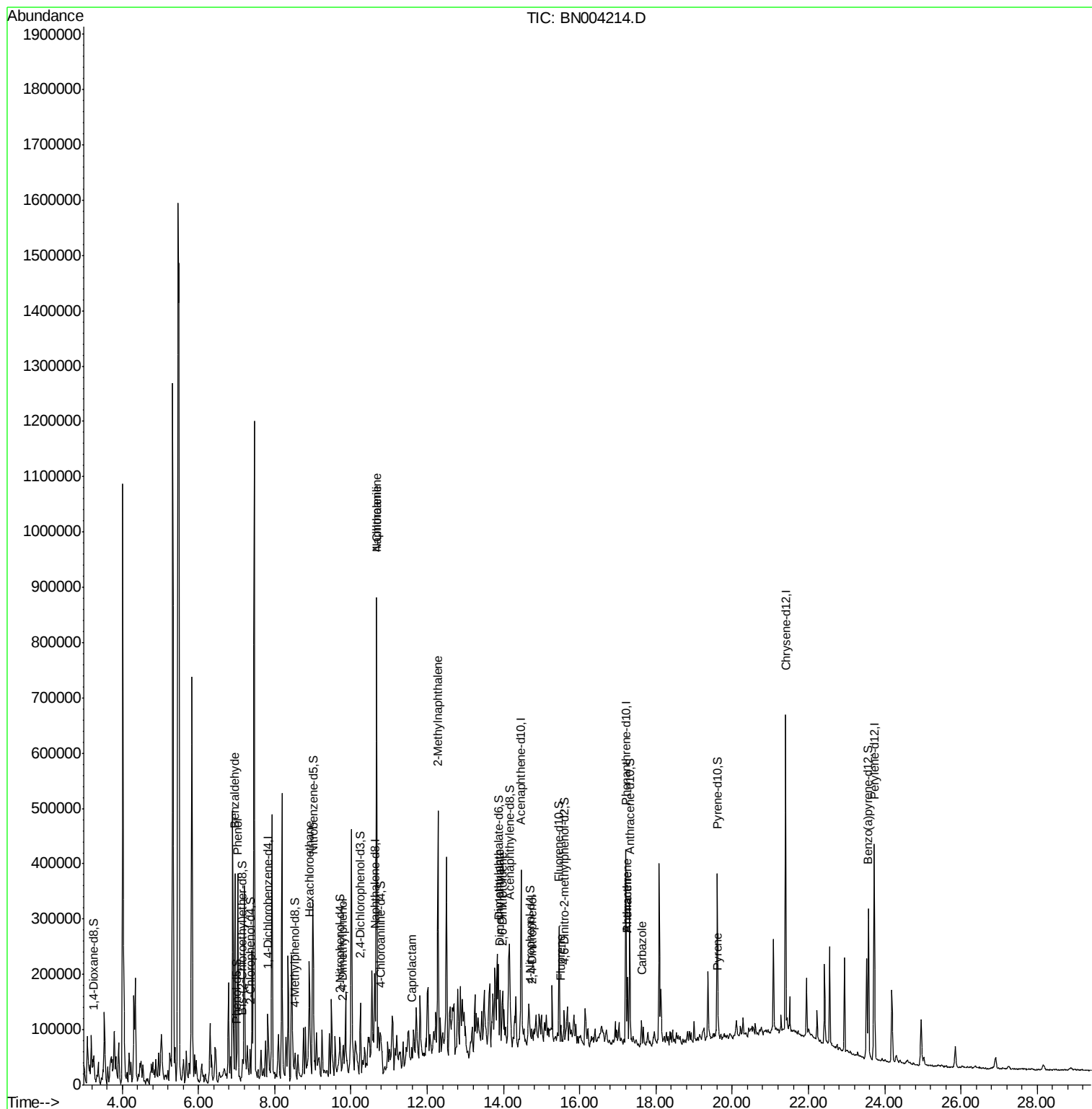
					Qvalue	
4) Benzaldehyde	6.96	77	24309	49.921	ng/ul#	1
6) Phenol	7.02	94	25856	8.991	ng/ul#	82
17) Hexachloroethane	8.92	117	25692	31.707	ng/ul#	6
24) 2,4-Dimethylphenol	9.80	107	6228	2.455	ng/ul#	85
28) Naphthalene	10.67	128	700552	94.074	ng/ul	100
30) 4-Chloroaniline	10.67	127	94723	43.640	ng/ul#	10
32) Caprolactam	11.60	113	2019	2.271	ng/ul#	1
34) 2-Methylnaphthalene	12.28	142	182131	32.474	ng/ul	96
44) Dimethylphthalate	13.92	163	46081	5.333	ng/ul	96
45) 2,6-Dinitrotoluene	13.98	165	2347	1.338	ng/ul#	52
50) 2,4-Dinitrophenol	14.75	184	1245	1.095	ng/ul#	87
58) Fluorene	15.51	166	9417	1.119	ng/ul#	98
69) Phenanthrene	17.25	178	65794	5.771	ng/ul	98
71) Anthracene	17.25	178	65794	5.630	ng/ul	99
74) Carbazole	17.62	167	26295	2.449	ng/ul	97
79) Pyrene	19.63	202	16942	1.258	ng/ul	100

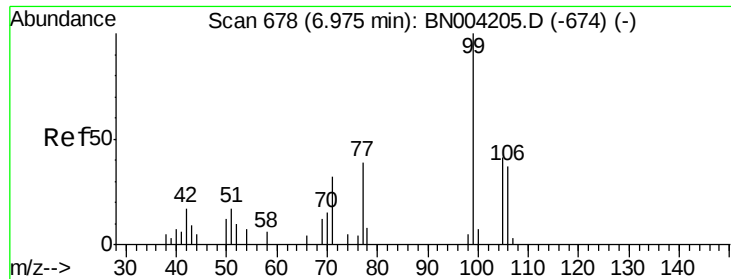
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 49.921 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

Instrument :

BNA_N

ClientSampled :

F9F55

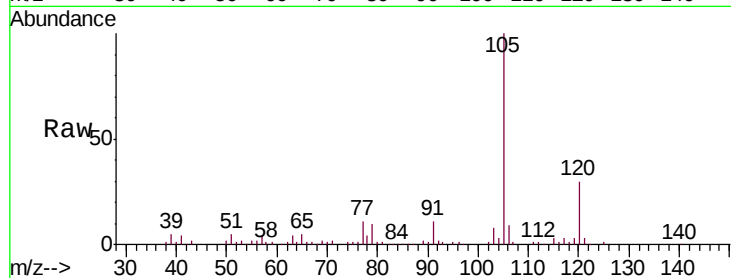
Tgt Ion: 77 Resp: 24309

Ion Ratio Lower Upper

77 100

105 883.3 80.2 120.4#

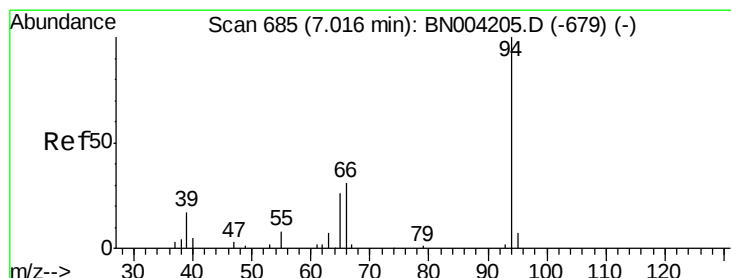
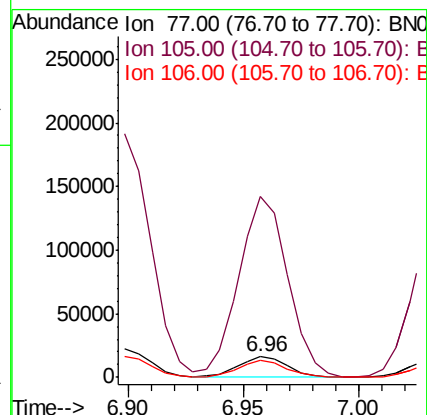
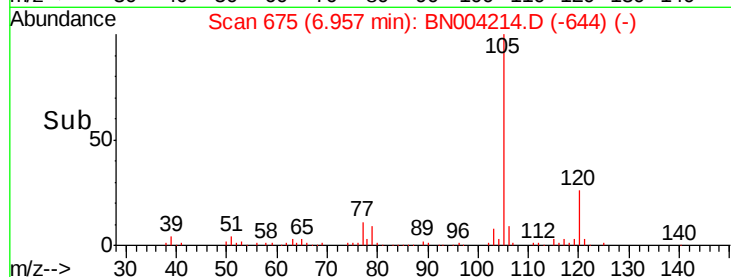
106 80.2 78.8 118.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 8.991 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. 0.01 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

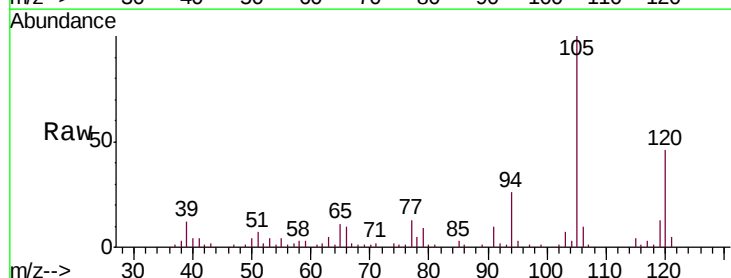
Tgt Ion: 94 Resp: 25856

Ion Ratio Lower Upper

94 100

65 43.7 21.2 31.8#

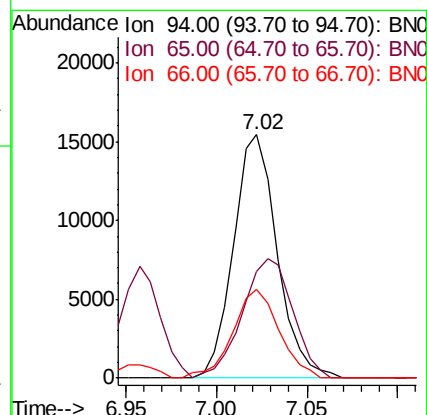
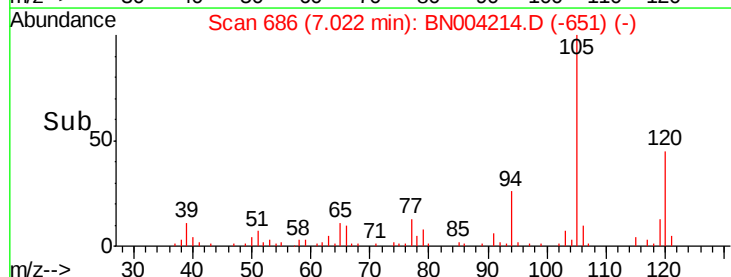
66 36.6 26.9 40.3

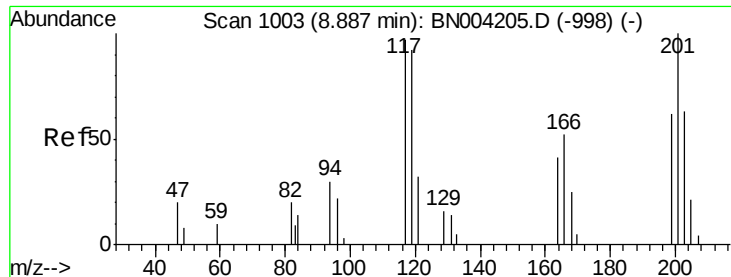


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

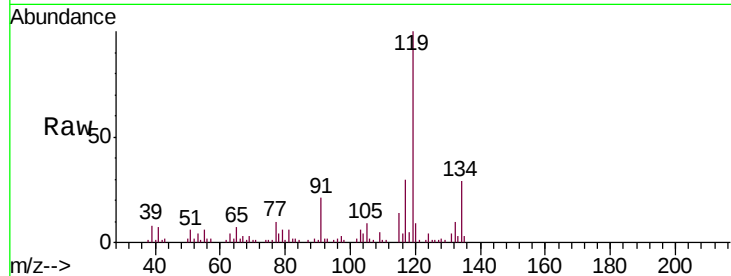




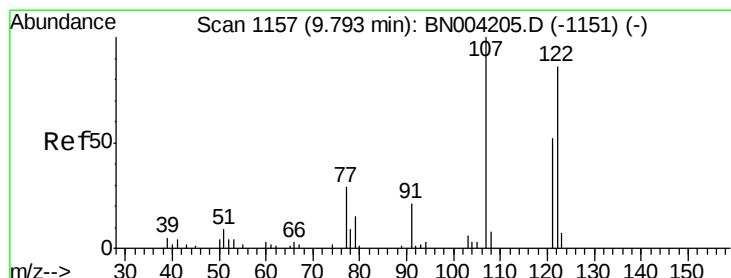
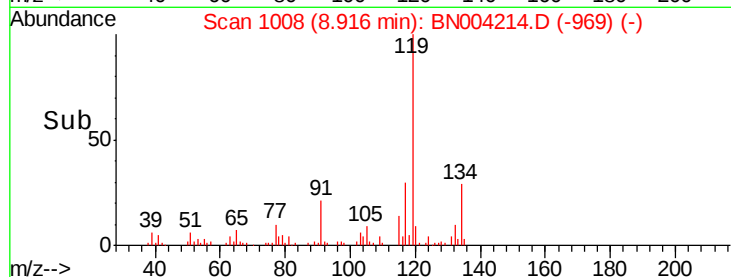
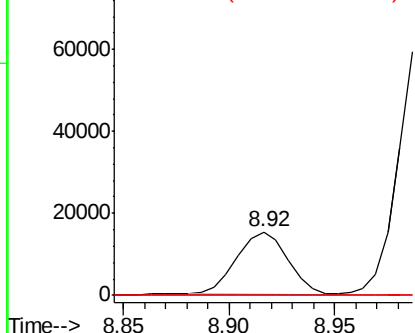
#17
Hexachloroethane
Concen: 31.707 ng/ul
RT: 8.92 min Scan# 1008
Delta R.T. 0.03 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

Instrument :
BNA_N
ClientSampleId :
F9F55

Tgt Ion:117 Resp: 25692
Ion Ratio Lower Upper
117 100
201 0.0 82.1 123.1#
199 0.0 50.6 76.0#

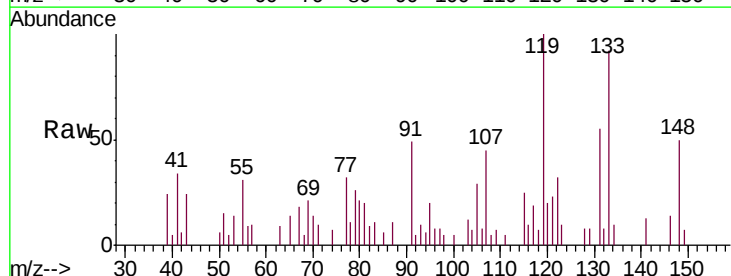


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

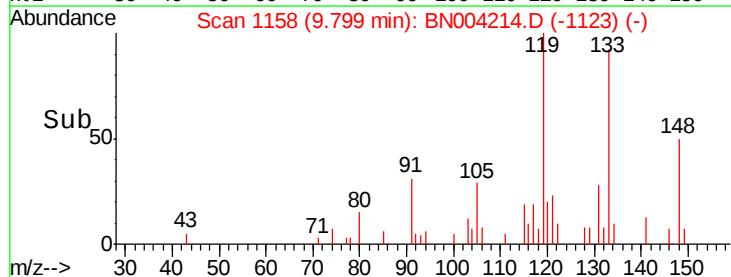
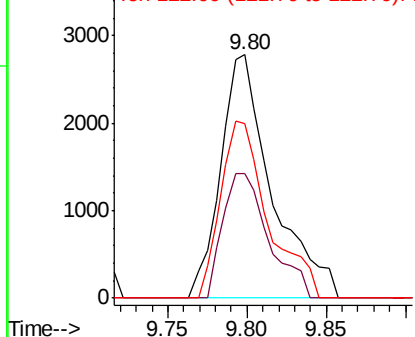


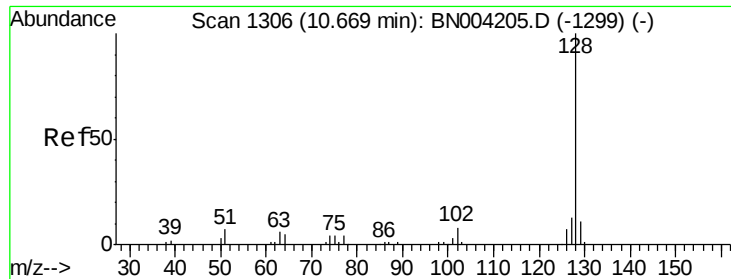
#24
2,4-Dimethylphenol
Concen: 2.455 ng/ul
RT: 9.80 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

Tgt Ion:107 Resp: 6228
Ion Ratio Lower Upper
107 100
121 51.0 43.0 64.6
122 71.5 73.0 109.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 94.074 ng/ul

RT: 10.67 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

Instrument :

BNA_N

ClientSampleId :

F9F55

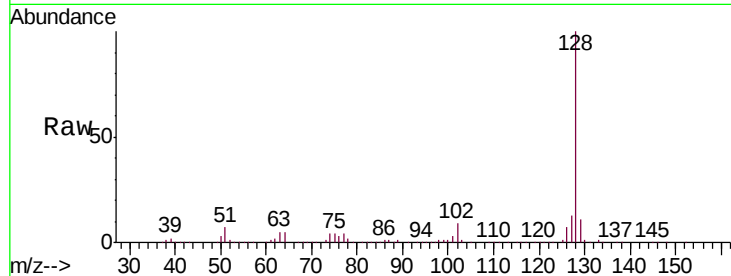
Tgt Ion:128 Resp: 700552

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

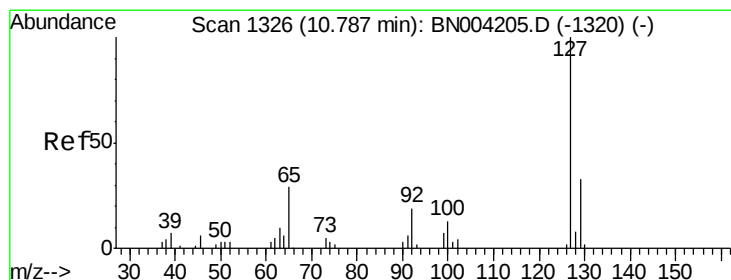
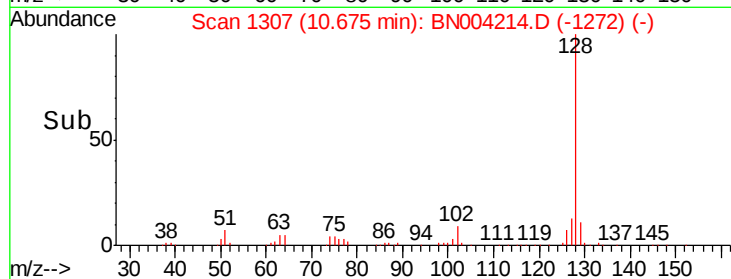
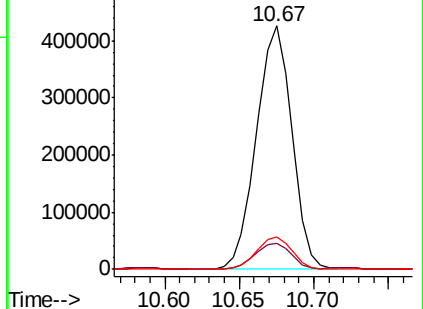
127 13.3 10.6 16.0



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: 43.640 ng/ul

RT: 10.67 min Scan# 1307

Delta R.T. -0.11 min

Lab File: BN004214.D

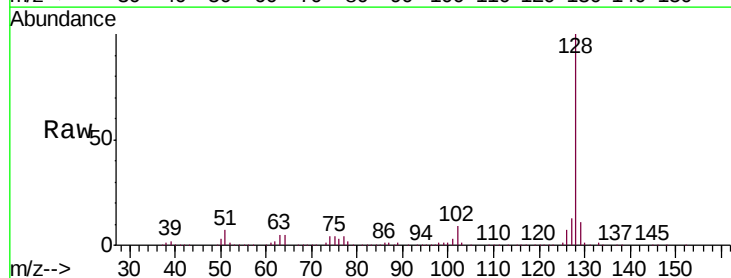
Acq: 26 Dec 2018 21:50

Tgt Ion:127 Resp: 94723

Ion Ratio Lower Upper

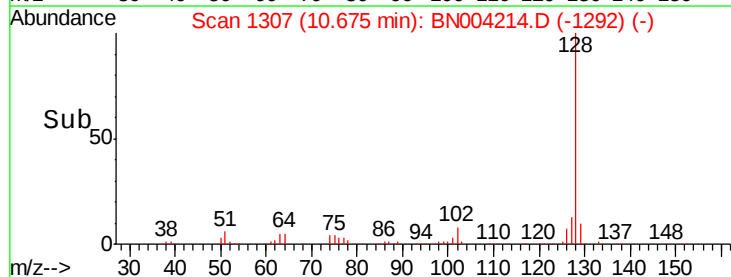
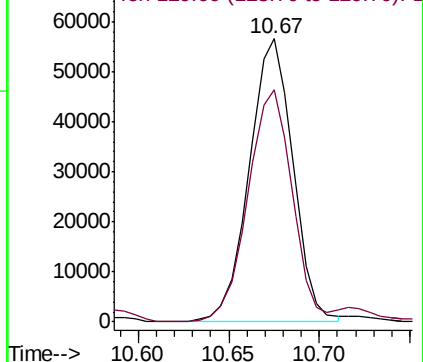
127 100

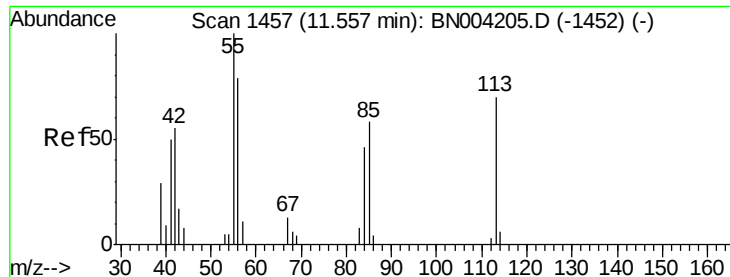
129 82.0 25.5 38.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 2.271 ng/ul

RT: 11.60 min Scan# 1464

Delta R.T. 0.04 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

Instrument :

BNA_N

ClientSampled :

F9F55

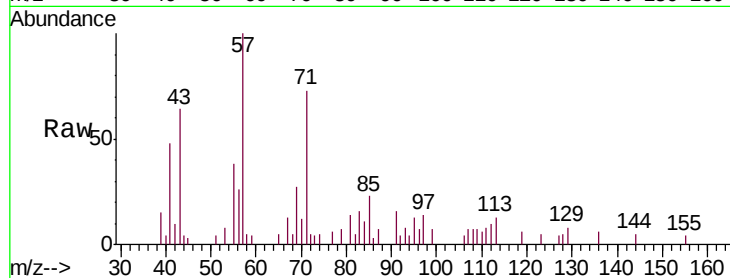
Tgt Ion:113 Resp: 2019

Ion Ratio Lower Upper

113 100

55 299.1 116.6 175.0#

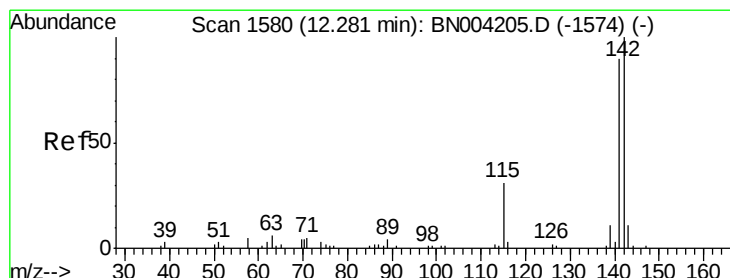
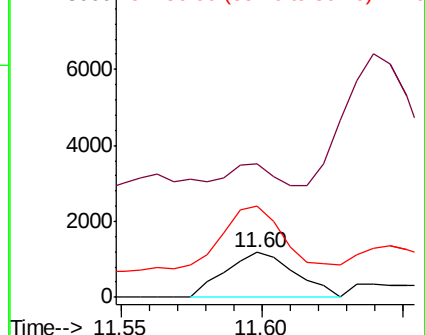
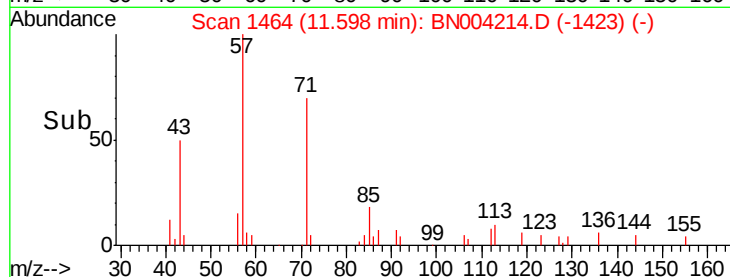
56 204.6 89.9 134.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#34

2-Methylnaphthalene

Concen: 32.474 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN004214.D

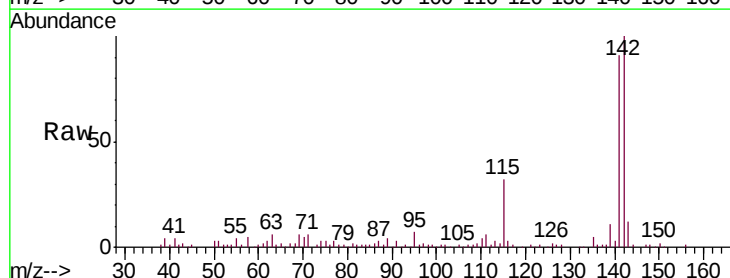
Acq: 26 Dec 2018 21:50

Tgt Ion:142 Resp: 182131

Ion Ratio Lower Upper

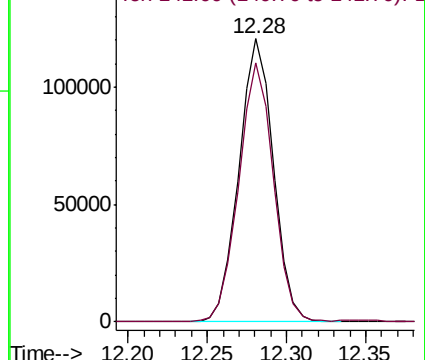
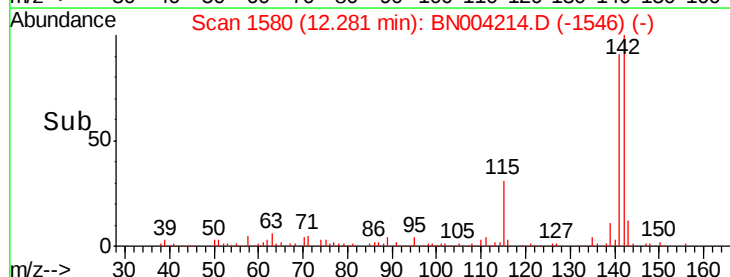
142 100

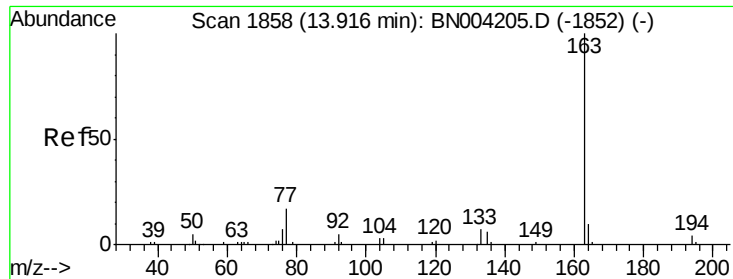
141 91.4 70.2 105.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

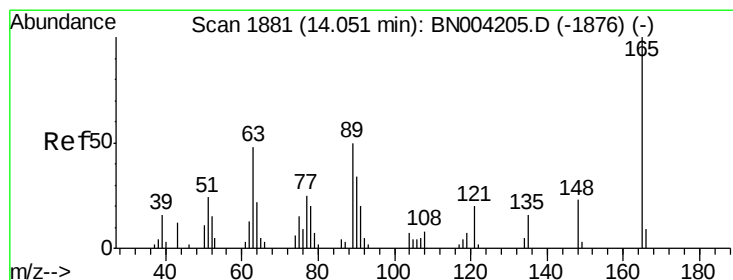
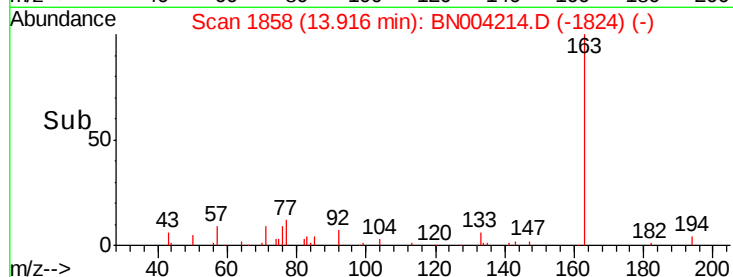
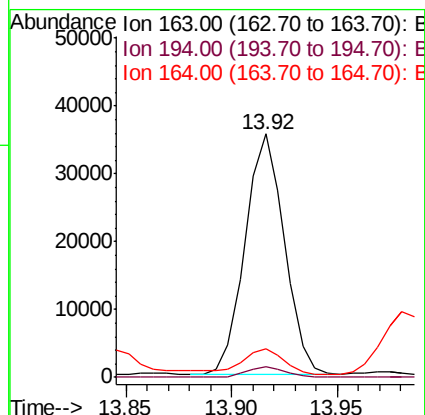
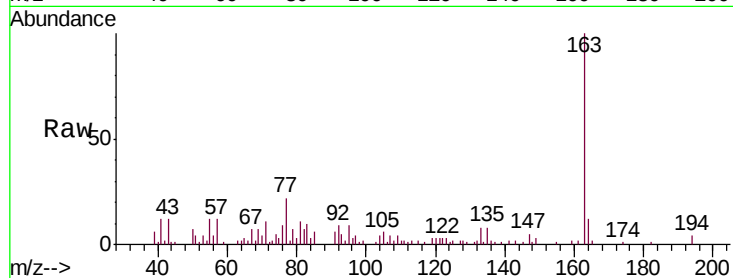




#44
Dimethylphthalate
Concen: 5.333 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

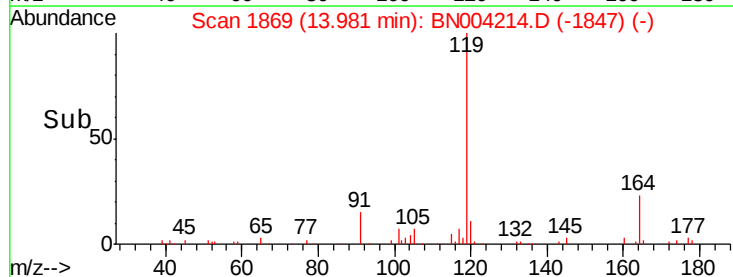
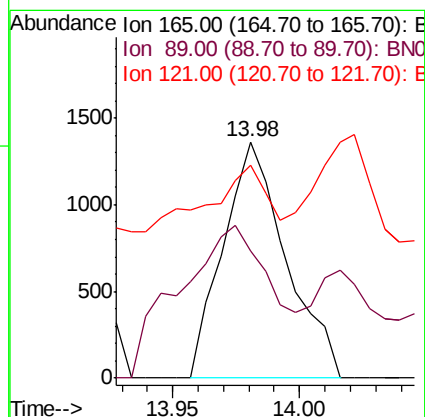
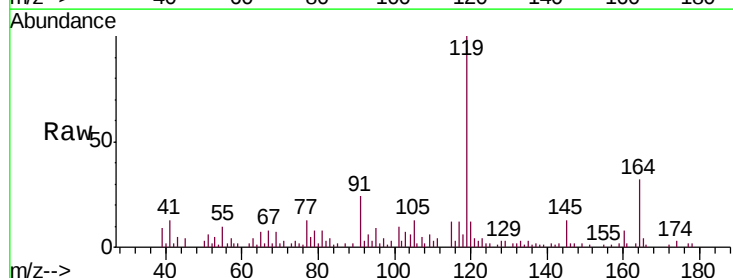
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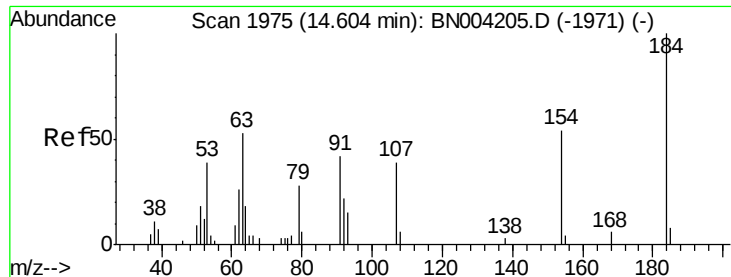
Tgt Ion:163 Resp: 46081
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 11.8 7.9 11.9



#45
2,6-Dinitrotoluene
Concen: 1.338 ng/ul
RT: 13.98 min Scan# 1869
Delta R.T. -0.07 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

Tgt Ion:165 Resp: 2347
Ion Ratio Lower Upper
165 100
89 54.0 40.0 60.0
121 90.0 15.6 23.4#

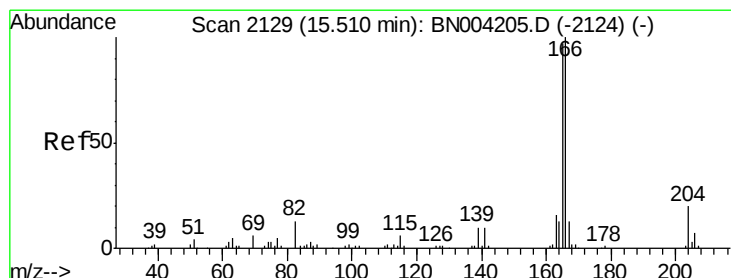
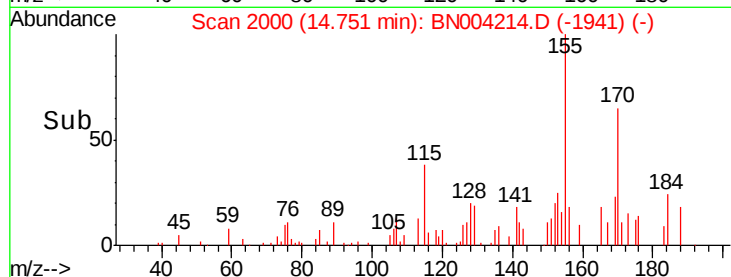
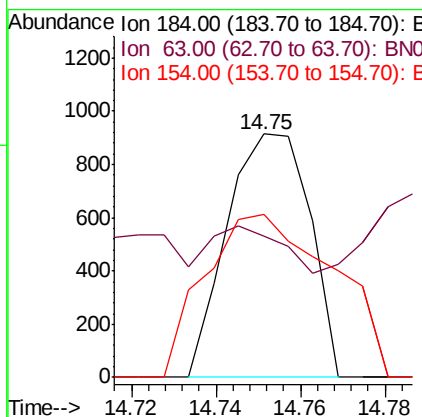
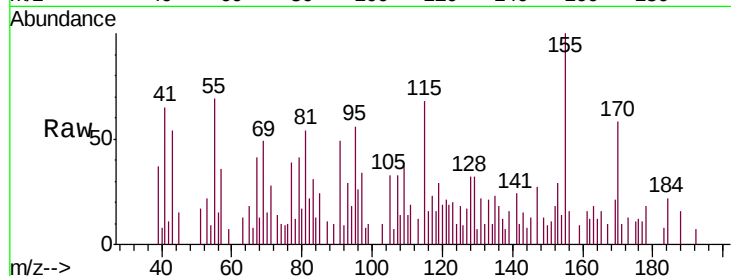




#50
2,4-Dinitrophenol
Concen: 1.095 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. 0.15 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

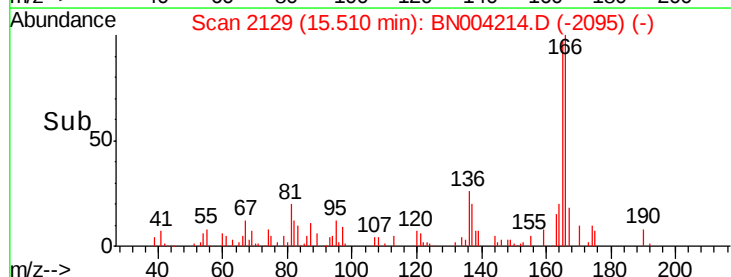
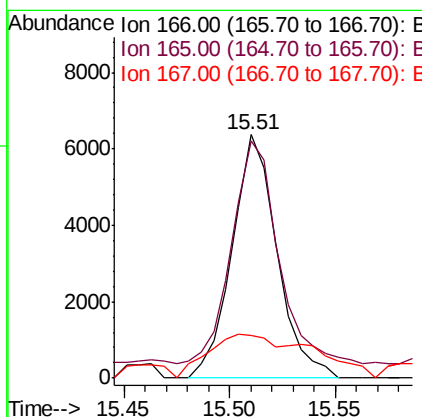
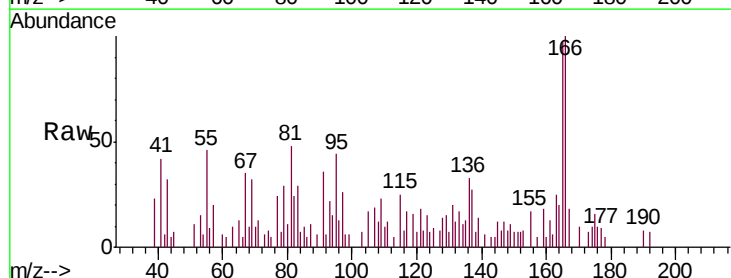
Instrument :
BNA_N
ClientSampled :
F9F55

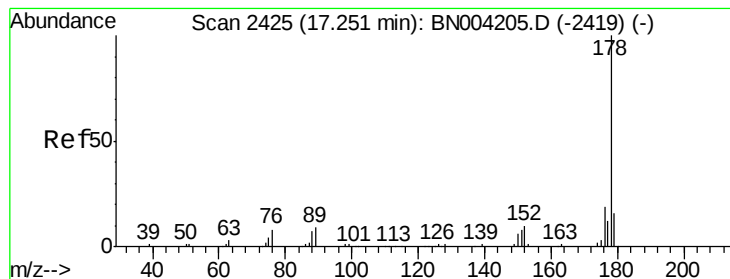
Tgt Ion:184 Resp: 1245
Ion Ratio Lower Upper
184 100
63 58.0 41.8 62.6
154 67.2 43.7 65.5#



#58
Fluorene
Concen: 1.119 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004214.D
Acq: 26 Dec 2018 21:50

Tgt Ion:166 Resp: 9417
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 17.7 10.3 15.5#

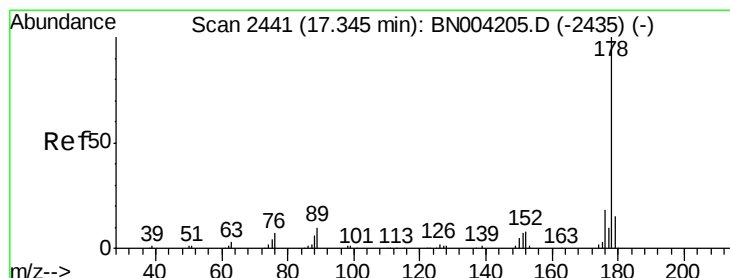
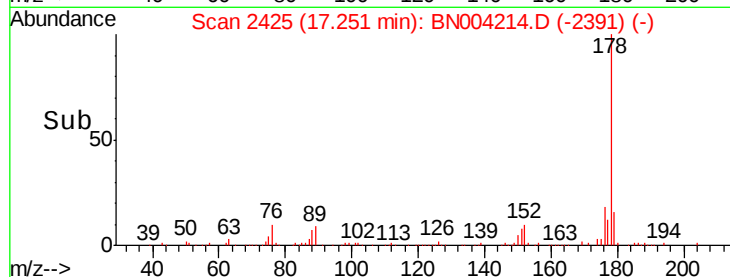
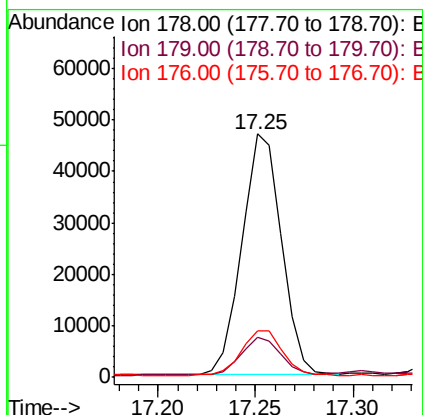
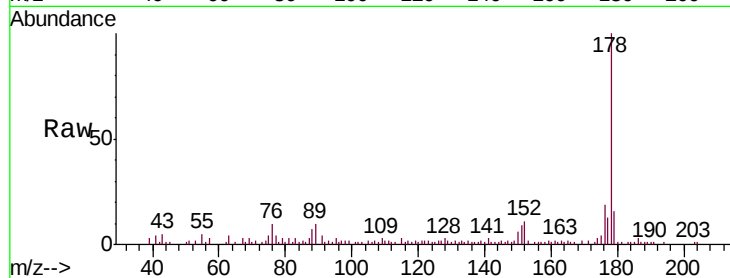




#69
 Phenanthrene
 Concen: 5.771 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BN004214.D
 Acq: 26 Dec 2018 21:50

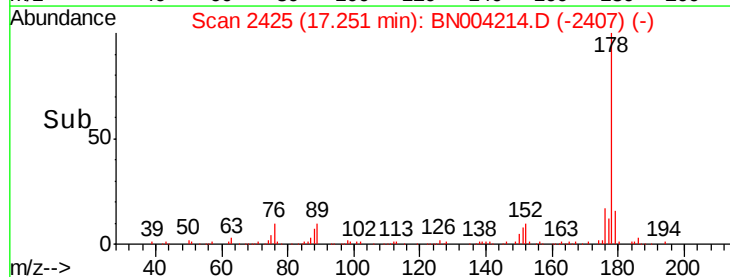
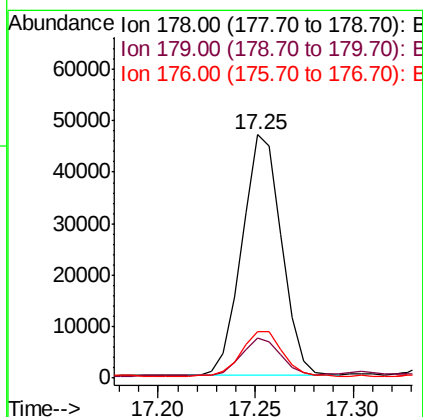
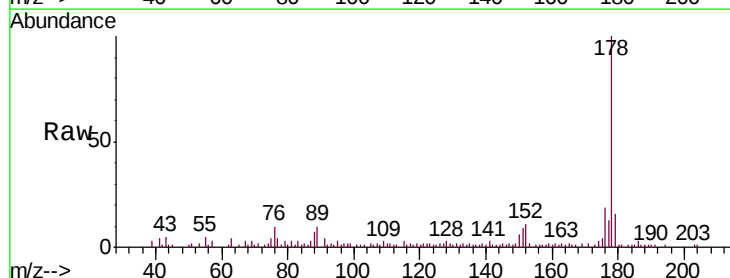
Instrument :
 BNA_N
 ClientSampleId :
 F9F55

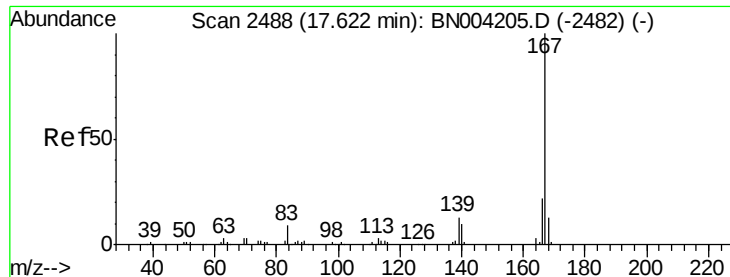
Tgt Ion:178 Resp: 65794
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.1 18.1
 176 19.1 15.0 22.6



#71
 Anthracene
 Concen: 5.630 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.09 min
 Lab File: BN004214.D
 Acq: 26 Dec 2018 21:50

Tgt Ion:178 Resp: 65794
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.1 18.1
 176 19.1 15.2 22.8





#74

Carbazole

Concen: 2.449 ng/ul

RT: 17.62 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

Instrument :

BNA_N

ClientSampleId :

F9F55

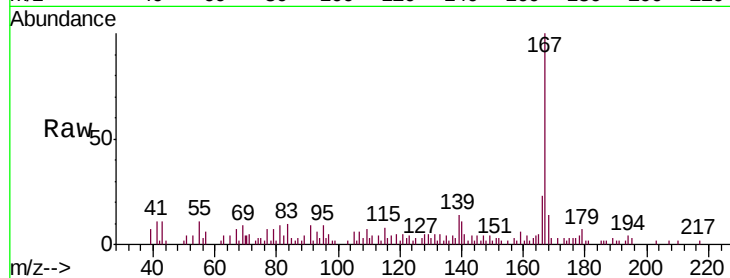
Tgt Ion:167 Resp: 26295

Ion Ratio Lower Upper

167 100

166 23.1 17.4 26.0

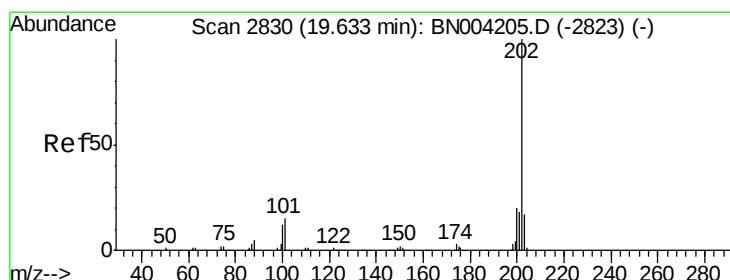
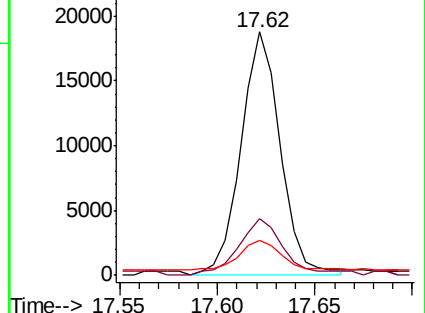
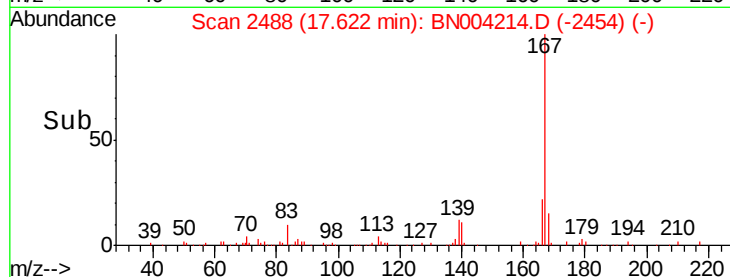
139 14.4 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#79

Pyrene

Concen: 1.258 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN004214.D

Acq: 26 Dec 2018 21:50

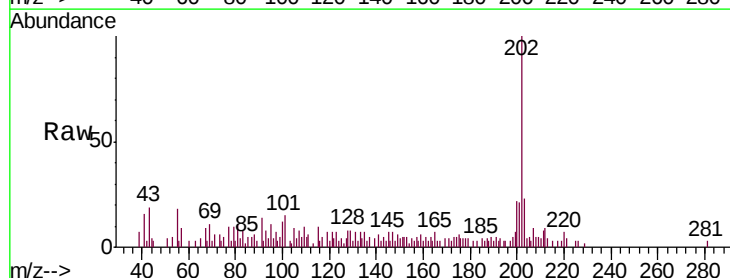
Tgt Ion:202 Resp: 16942

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

100 12.1 9.9 14.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

