

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
 Data File : BN004463.D
 Acq On : 21 Feb 2019 10:26
 Operator : JU/SJ
 Sample : J5704-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 11:58:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	35688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	170976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	100215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1488956	20.00	ng/ul	-0.05
78) Chrysene-d12	21.22	240	592	20.00	ng/ul	-0.11
86) Perylene-d12	23.51	264	319738	20.00	ng/ul	-0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1119	1.89	ng/uL	0.00
5) Phenol-d5	6.90	99	56166	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	26350	16.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	50073	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	49517	18.11	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	24134	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	27601	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	55413	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	47894	16.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	151667	17.85	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	204785	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	134767	82.83	ng/ul	-0.16
58) Fluorene-d10	15.39	176	178663	23.88	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.52	200	936	0.11	ng/ul	0.02
71) Anthracene-d10	17.09	188	1474288	20.66	ng/ul	-0.15
79) Pyrene-d10	19.56	212	244456	9212.94	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.51	264	318838	19.00	ng/ul	0.05

Target Compounds

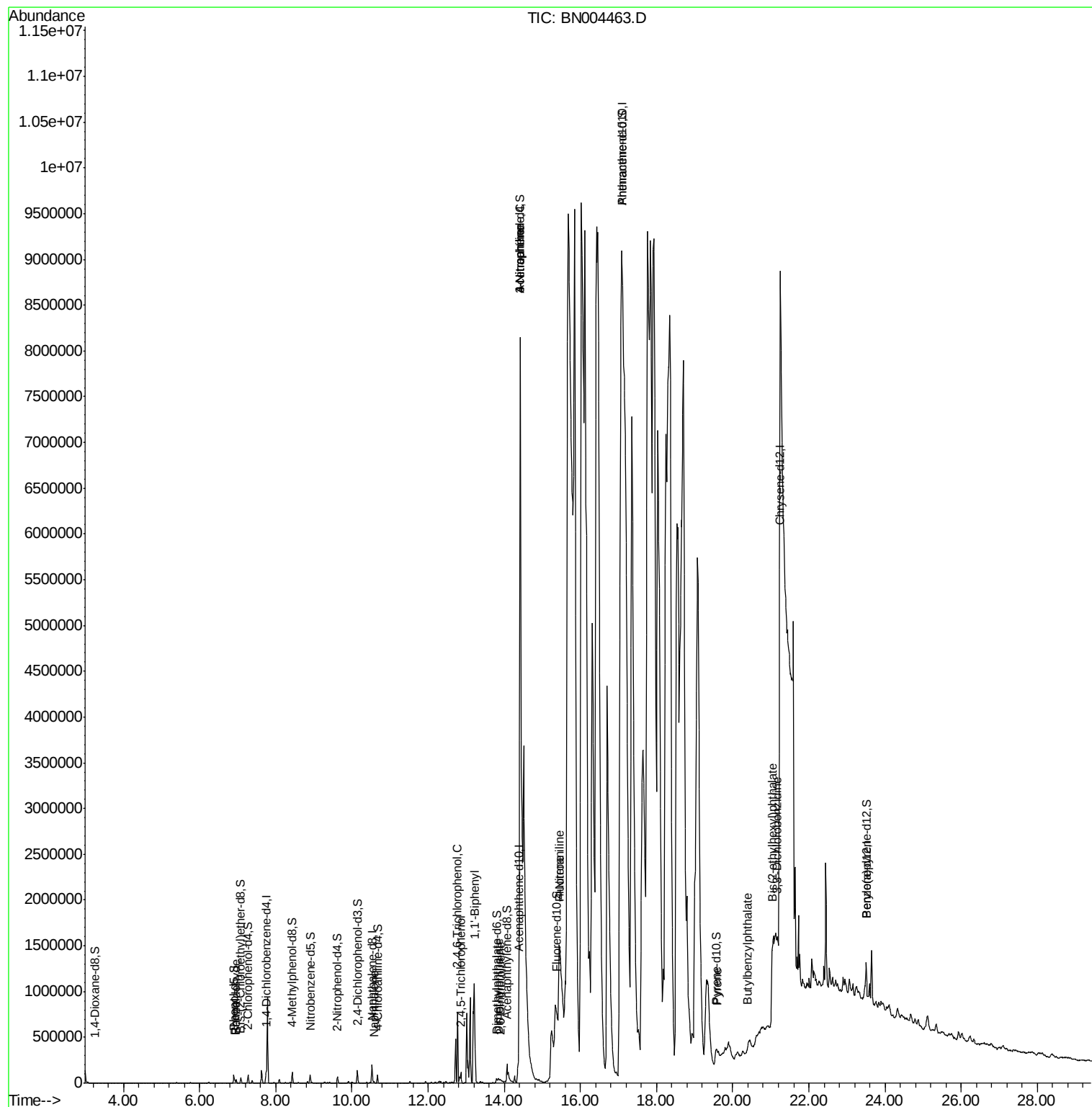
				Ovalue	
4) Benzaldehyde	6.96	77	2719	1.489	ng/ul# 1
6) Phenol	6.93	94	15746	4.958	ng/ul 98
28) Naphthalene	10.58	128	15141	1.718	ng/ul 98
39) 2,4,6-Trichlorophenol	12.78	196	7022	3.562	ng/ul# 12
40) 2,4,5-Trichlorophenol	12.86	196	4138	1.869	ng/ul# 10
41) 1,1'-Biphenyl	13.22	154	617194	76.221	ng/ul 98
45) Dimethylphthalate	13.84	163	15108	1.798	ng/ul# 98
46) 2,6-Dinitrotoluene	13.90	165	2988	2.017	ng/ul# 34
49) 3-Nitroaniline	14.42	138	4704	3.112	ng/ul# 1
50) Acenaphthene	14.42	153	19853	2.883	ng/ul# 67
59) Fluorene	15.46	166	431958	53.506	ng/ul# 32
61) 4-Nitroaniline	15.45	138	2928	1.488	ng/ul# 30
80) Pyrene	19.59	202	1055	32.225	ng/ul# 1
81) Butylbenzylphthalate	20.38	149	9174	815.471	ng/ul# 71
82) 3,3'-Dichlorobenzidine	21.18	252	134	10.792	ng/ul# 1
84) Bis(2-ethylhexyl)phthalate	21.03	149	421911	25021.612	ng/ul# 92

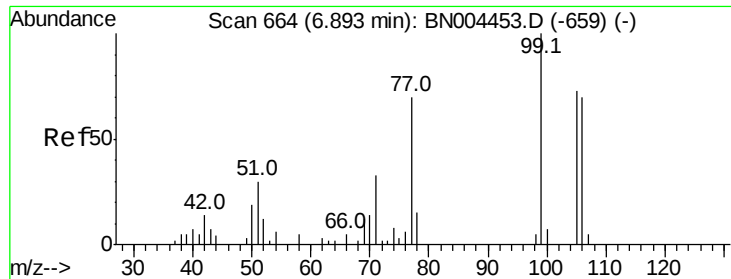
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration





#4

Benzaldehyd

Concen: 1.489 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. 0.06 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

Instrument :

BNA_N

ClientSampleId :

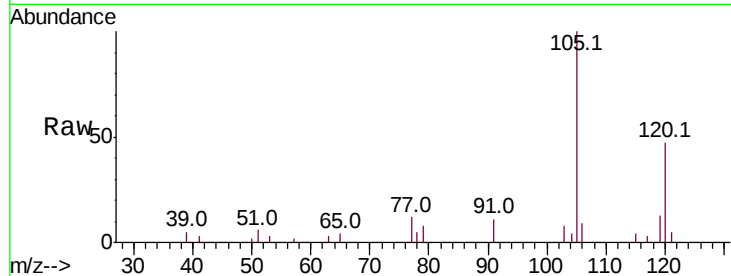
Tot Ion: 77 Resp: 2719

Ion Ratio Lower Upper

77 100

105 823.3 85.4 128.0#

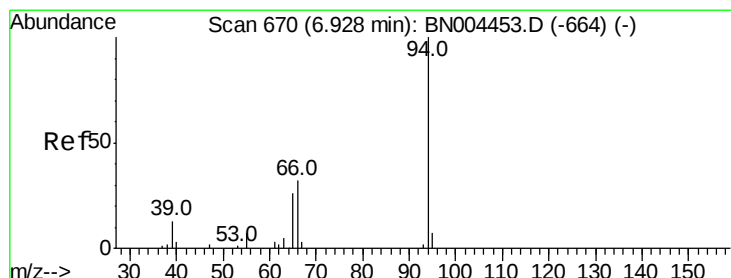
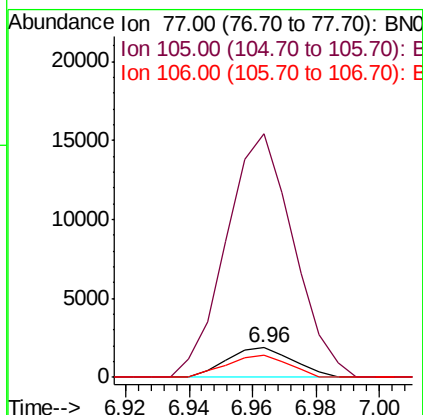
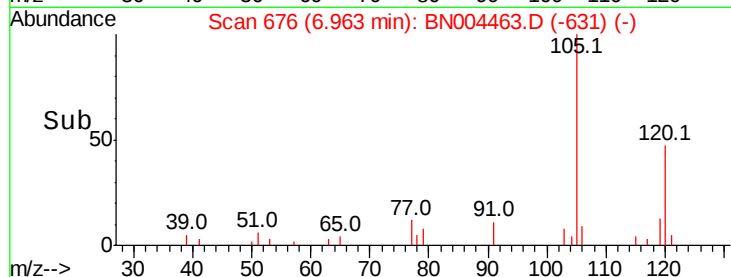
106 76.2 84.8 127.2#



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: 4.958 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

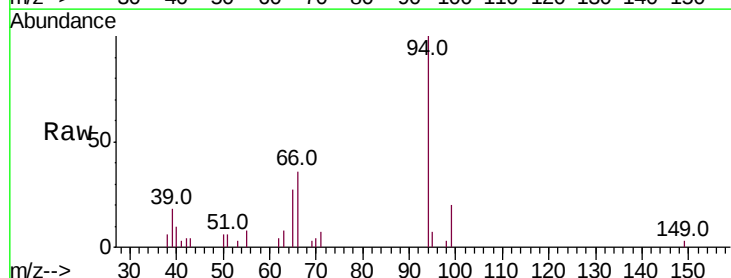
Tgt Ion: 94 Resp: 15746

Ion Ratio Lower Upper

94 100

65 27.2 20.2 30.4

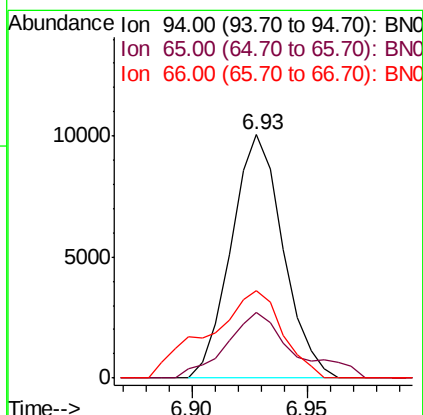
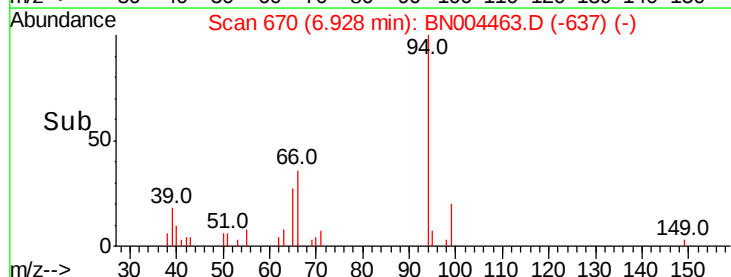
66 36.0 28.2 42.2

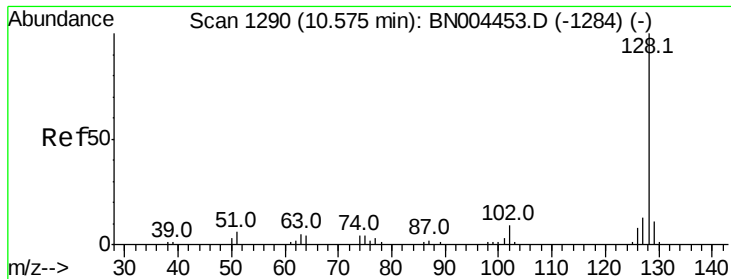


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#28

Naphthalene

Concen: 1.718 ng/ul

RT: 10.58 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

Instrument :

BNA_N

ClientSampleId :

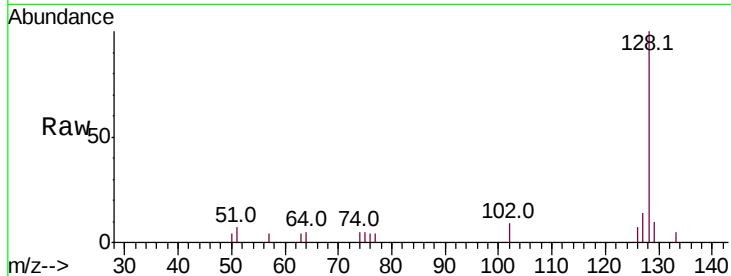
Tot Ion:128 Resp: 15141

Ion Ratio Lower Upper

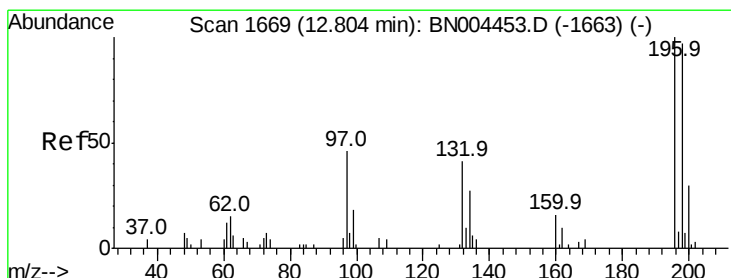
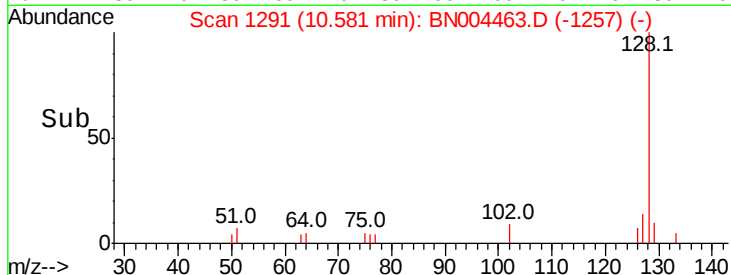
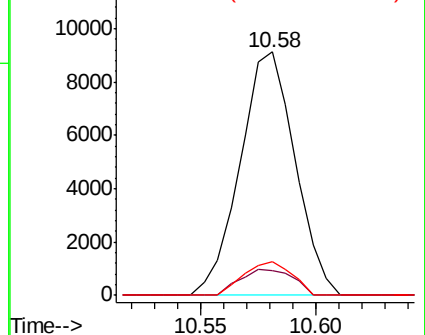
128 100

129 10.1 8.7 13.1

127 13.6 10.2 15.4



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



#39

2,4,6-Trichlorophenol

Concen: 3.562 ng/ul

RT: 12.78 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

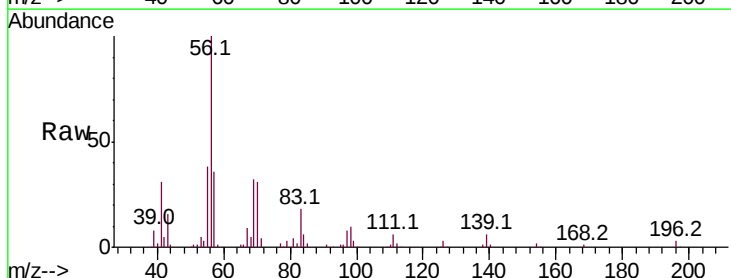
Tgt Ion:196 Resp: 7022

Ion Ratio Lower Upper

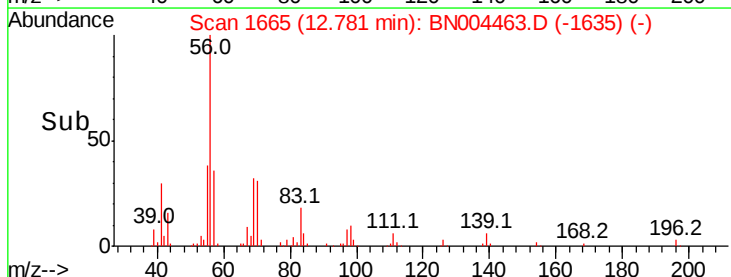
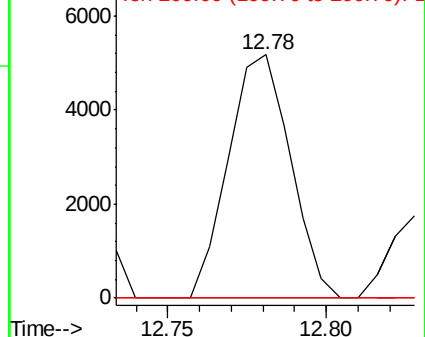
196 100

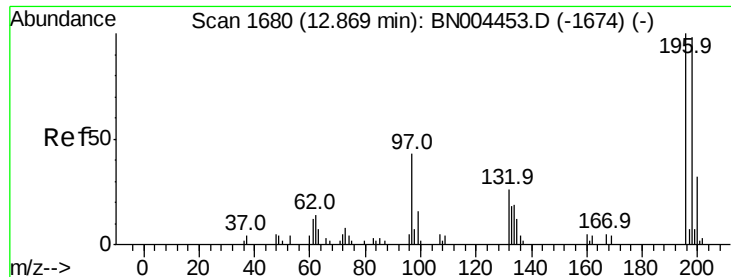
198 0.0 76.6 115.0#

200 0.0 24.5 36.7#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

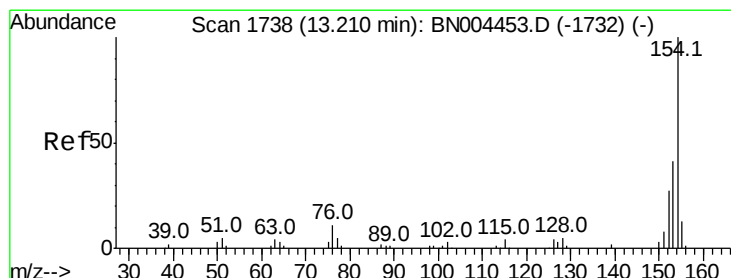
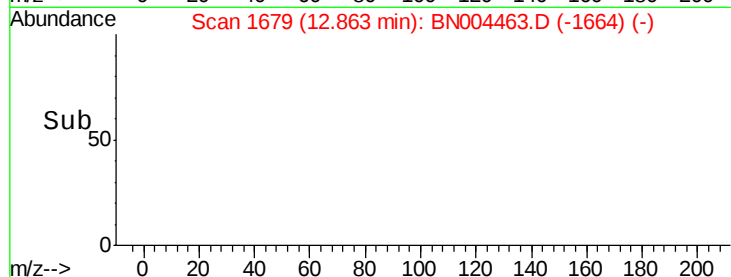
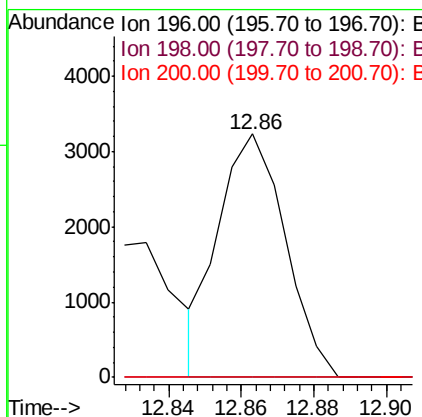
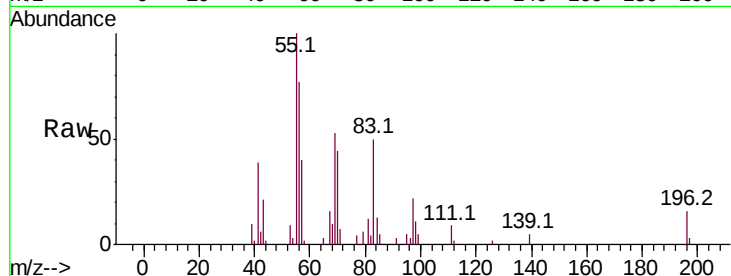




#40
 2,4,5-Trichlorophenol
 Concen: 1.869 ng/ul
 RT: 12.86 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BN004463.D
 Acq: 21 Feb 2019 10:26

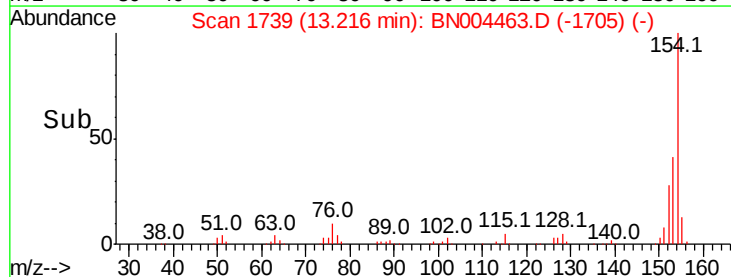
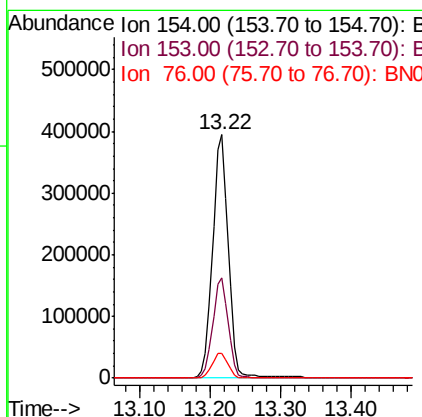
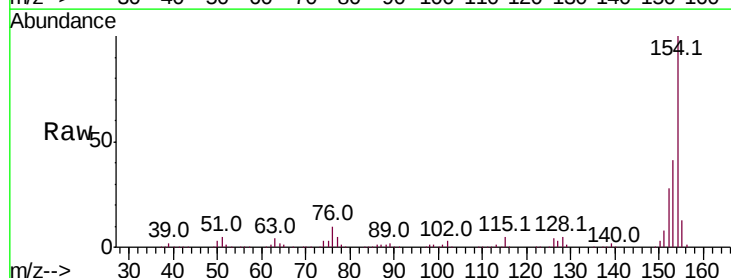
Instrument :
 BNA_N
 ClientSampleId :

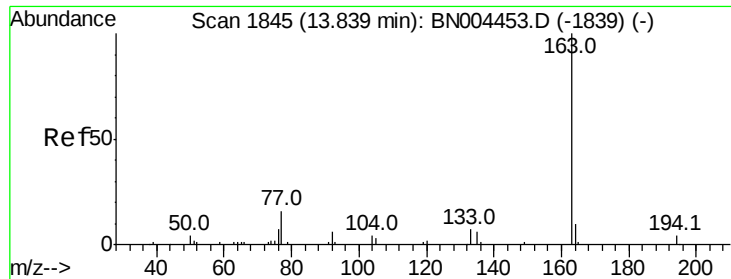
Tot Ion:196 Resp: 4138
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.9 119.9#
 200 0.0 25.9 38.9#



#41
 1,1'-Biphenyl
 Concen: 76.221 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BN004463.D
 Acq: 21 Feb 2019 10:26

Tgt Ion:154 Resp: 617194
 Ion Ratio Lower Upper
 154 100
 153 41.4 32.6 48.8
 76 10.3 9.2 13.8





#45

Dimethylphthalate

Concen: 1.798 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

Instrument :

BNA_N

ClientSampleId :

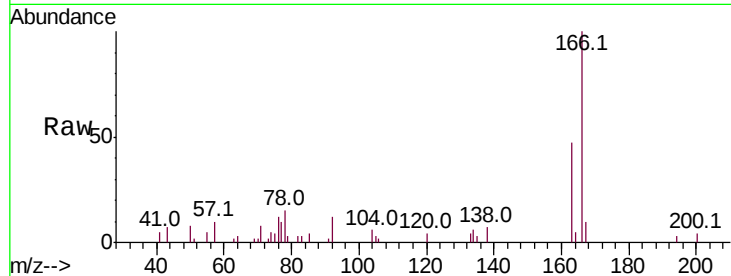
Tot Ion:163 Resp: 15108

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

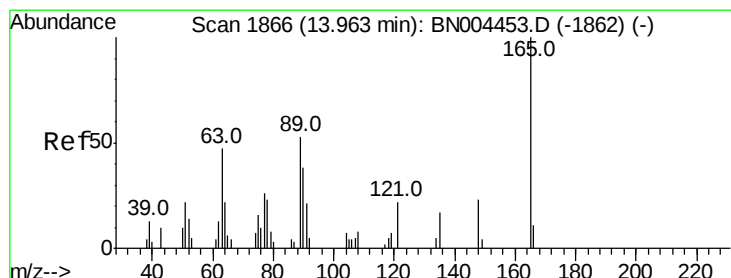
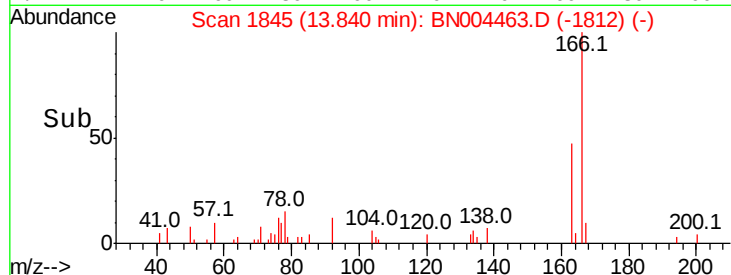
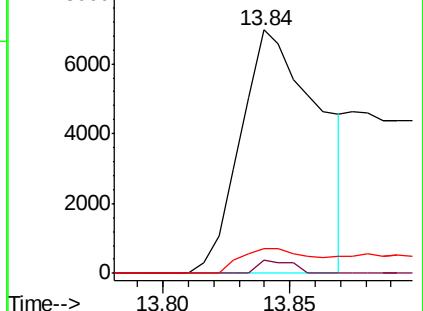
164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 2.017 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.07 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

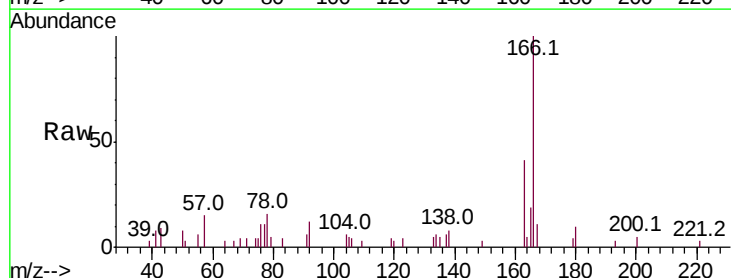
Tgt Ion:165 Resp: 2988

Ion Ratio Lower Upper

165 100

89 0.0 42.0 63.0#

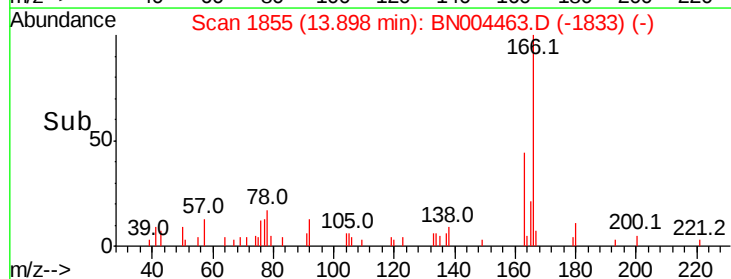
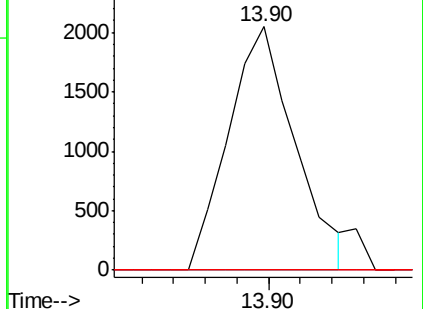
121 0.0 17.0 25.6#

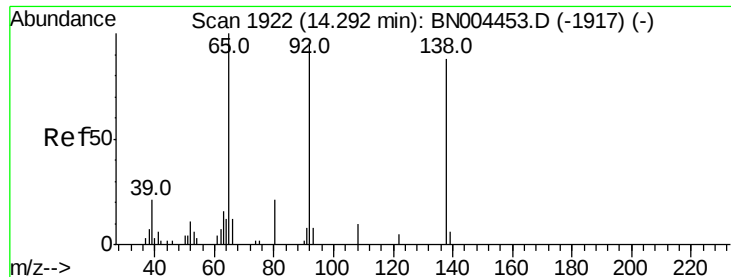


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E

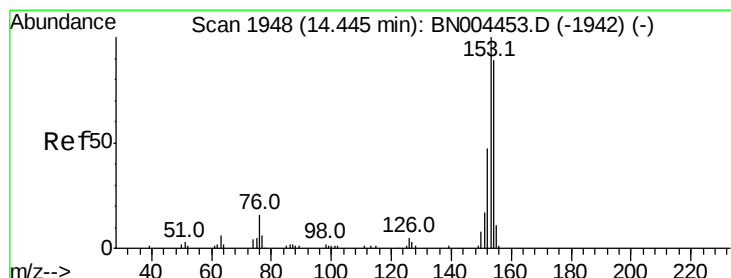
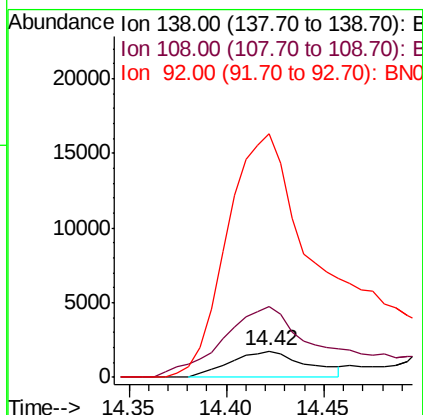
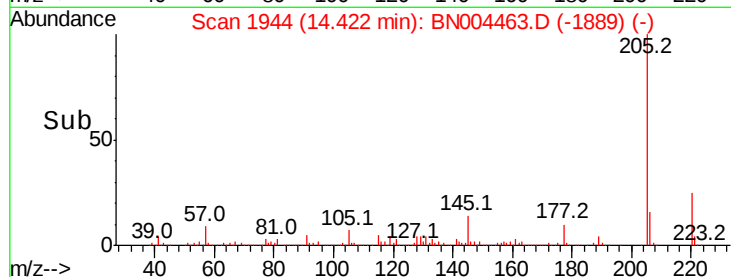
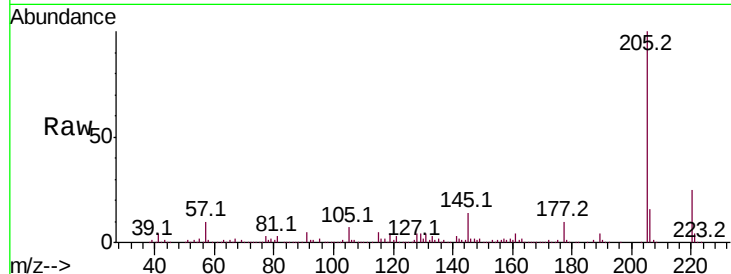




#49
3-Nitroaniline
Concen: 3.112 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. 0.12 min
Lab File: BN004463.D
Acq: 21 Feb 2019 10:26

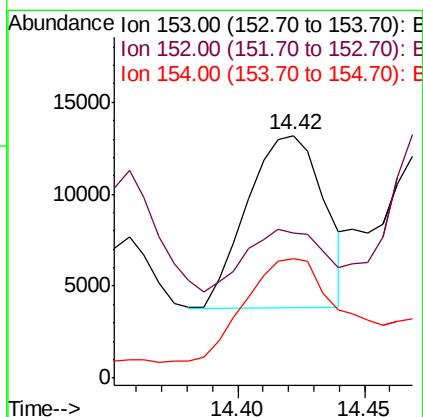
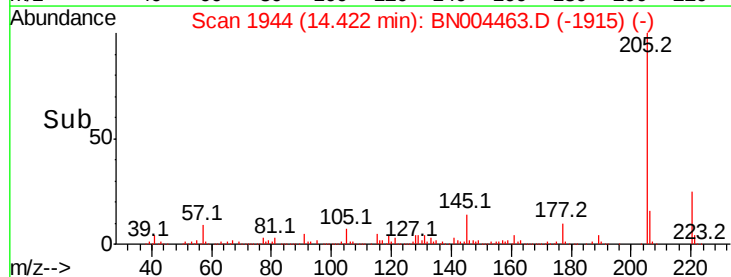
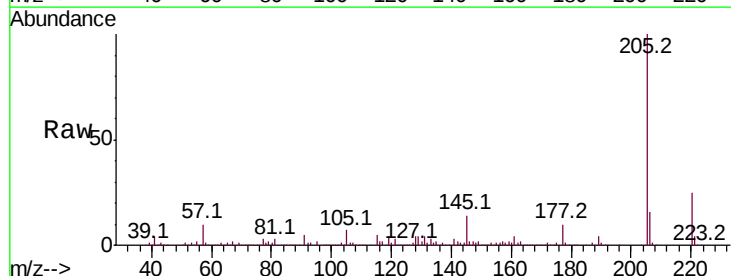
Instrument :
BNA_N
ClientSampled :

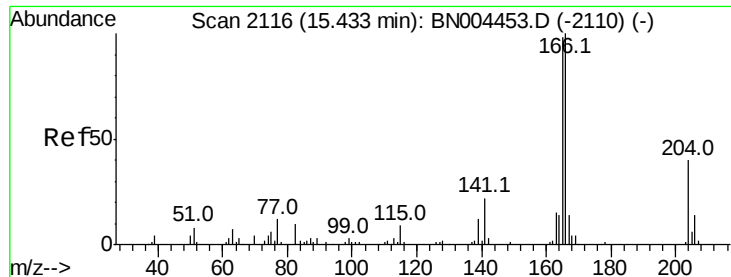
Tot Ion:138 Resp: 4704
Ion Ratio Lower Upper
138 100
108 267.8 9.0 13.4#
92 923.9 85.8 128.6#



#50
Acenaphthene
Concen: 2.883 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.03 min
Lab File: BN004463.D
Acq: 21 Feb 2019 10:26

Tgt Ion:153 Resp: 19853
Ion Ratio Lower Upper
153 100
152 59.8 37.8 56.6#
154 49.5 70.0 105.0#

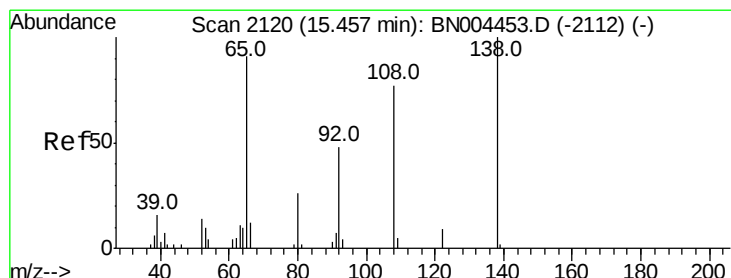
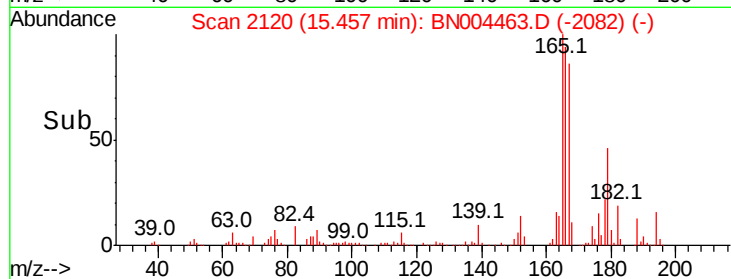
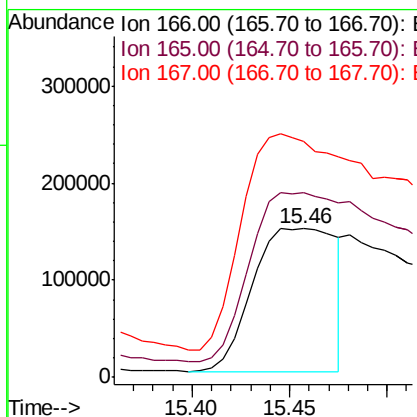
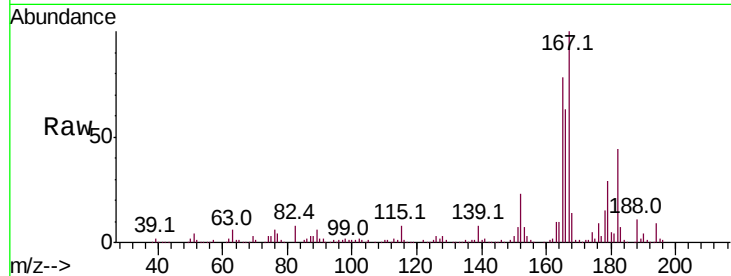




#59
Fluorene
 Concen: 53.506 ng/ul
 RT: 15.46 min Scan# 2120
 Delta R.T. 0.02 min
 Lab File: BN004463.D
 Acq: 21 Feb 2019 10:26

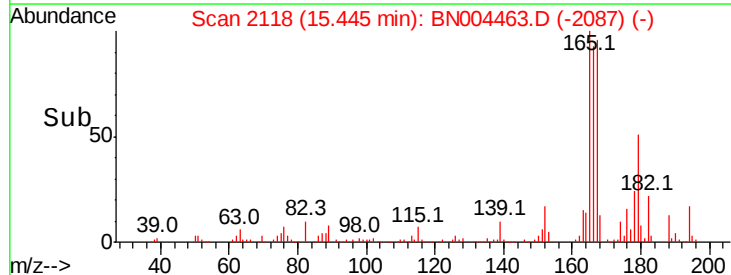
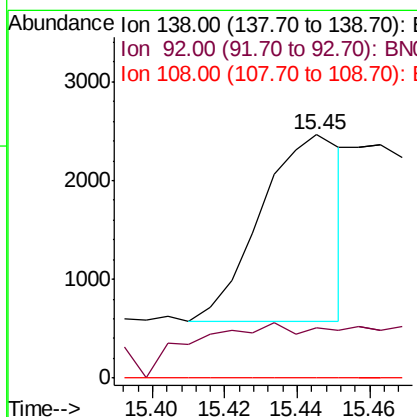
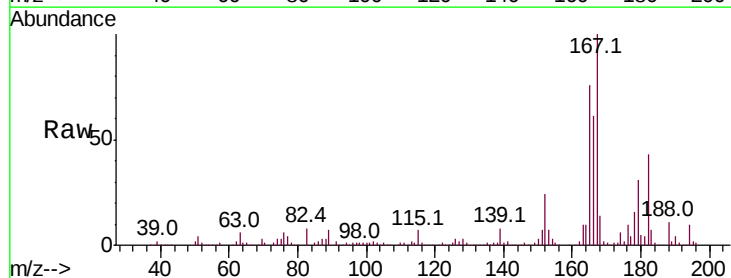
Instrument :
 BNA_N
 ClientSampleId :

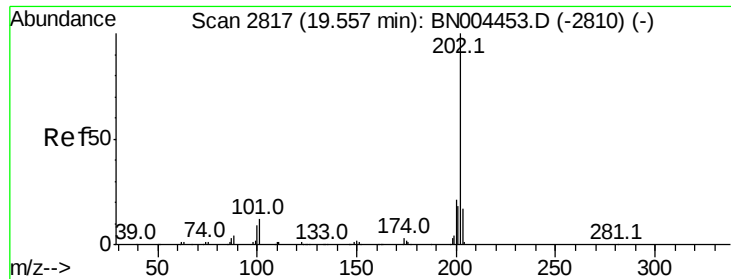
Tot Ion	Ratio	Lower	Upper
166	100		
165	124.3	78.0	117.0#
167	159.0	10.8	16.2#



#61
4-Nitroaniline
 Concen: 1.488 ng/ul
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BN004463.D
 Acq: 21 Feb 2019 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	20.8	37.8	56.8#
108	0.0	61.7	92.5#





#80

Pvrene

Concen: 32.225 ng/ul

RT: 19.59 min Scan# 2822

Delta R.T. 0.02 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

Instrument :

BNA_N

ClientSampled :

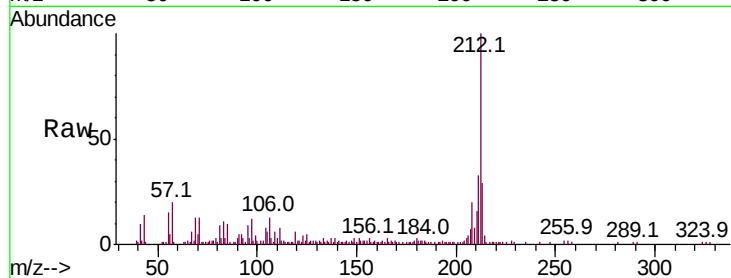
Tot Ion:202 Resp: 1055

Ion Ratio Lower Upper

202 100

101 0.0 9.2 13.8#

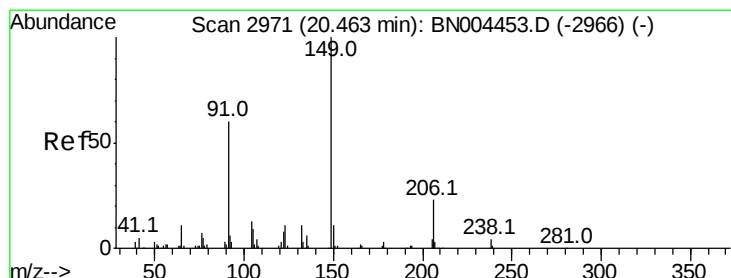
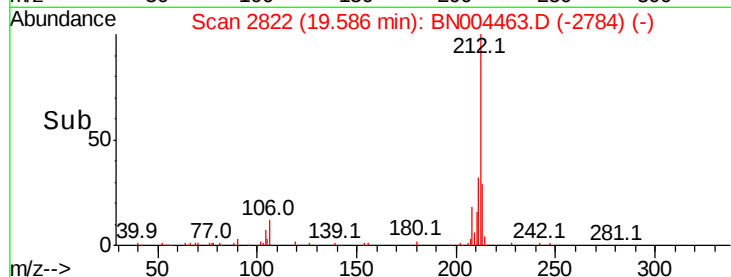
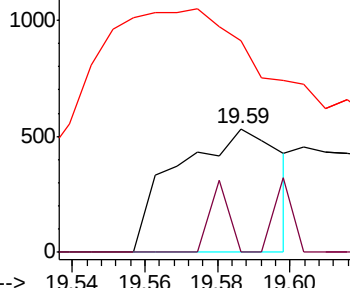
100 170.4 7.5 11.3#



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



#81

Butylbenzylphthalate

Concen: 815.471 ng/ul

RT: 20.38 min Scan# 2957

Delta R.T. -0.08 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

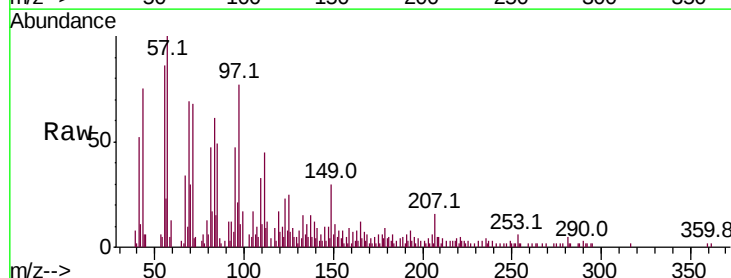
Tgt Ion:149 Resp: 9174

Ion Ratio Lower Upper

149 100

91 40.7 49.8 74.6#

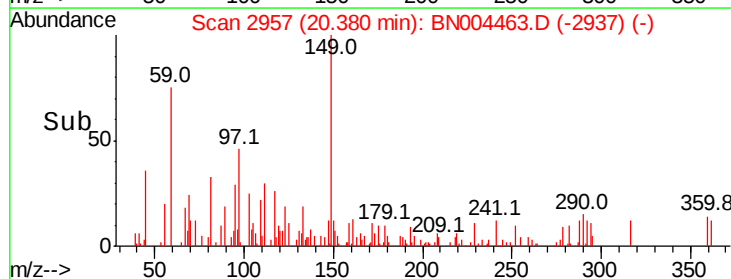
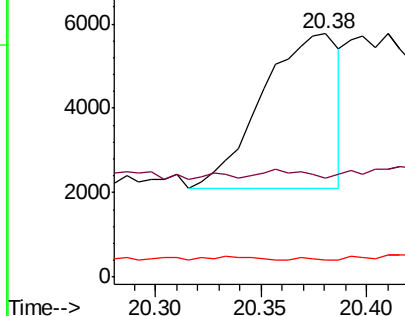
206 7.0 18.2 27.2#

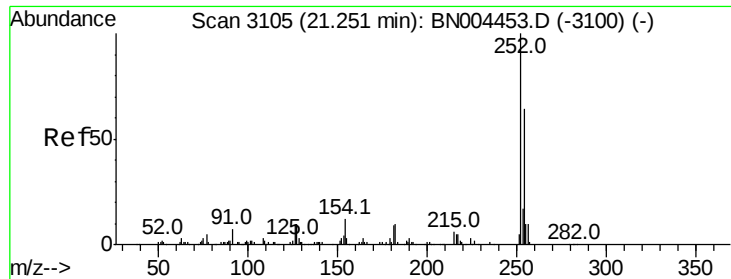


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 10.792 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.07 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

Instrument :

BNA_N

ClientSampleId :

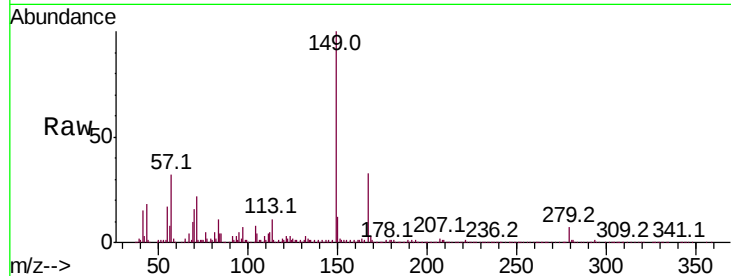
Tot Ion:252 Resp: 134

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.6#

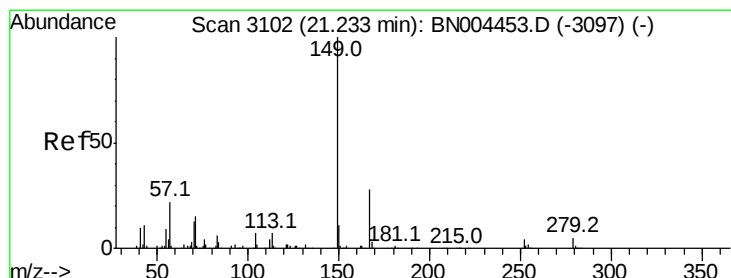
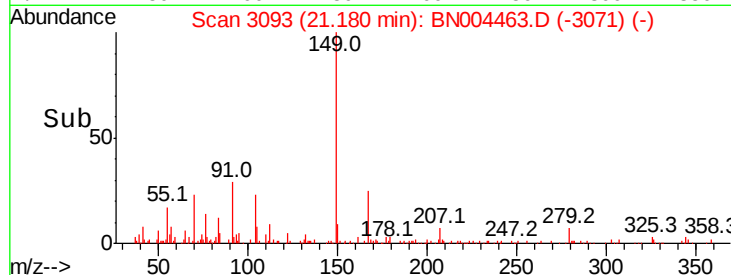
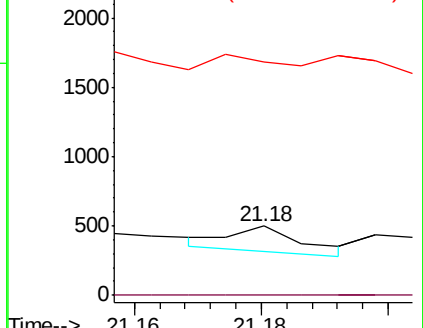
126 337.3 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 25021.612 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.21 min

Lab File: BN004463.D

Acq: 21 Feb 2019 10:26

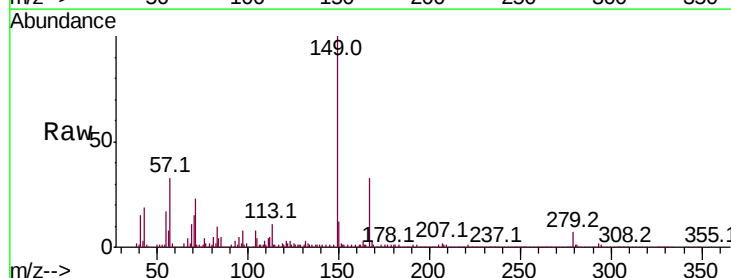
Tgt Ion:149 Resp: 421911

Ion Ratio Lower Upper

149 100

167 33.0 22.7 34.1

279 6.6 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

