

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
 Data File : BN004462.D
 Acq On : 21 Feb 2019 09:51
 Operator : JU/SJ
 Sample : J5704-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 11:58:20 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	7.74	152	48931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	229136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	124183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	118148	20.00	ng/ul	0.12
78) Chrysene-d12	21.33	240	1691	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	622387	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2477	3.04	ng/uL	0.00
5) Phenol-d5	6.90	99	104229	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	48694	22.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	91471	25.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	89747	23.94	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	43160	28.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	47472	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	99004	27.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	111504	28.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	264704	25.13	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	380151	30.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	78998	39.18	ng/ul	-0.16
58) Fluorene-d10	15.39	176	273782	29.53	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.56	200	4099	5.95	ng/ul	0.06
71) Anthracene-d10	17.26	188	144187	25.46	ng/ul	0.02
79) Pyrene-d10	19.56	212	547297	7221.02	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.53	264	621129	19.02	ng/ul	0.08

Target Compounds

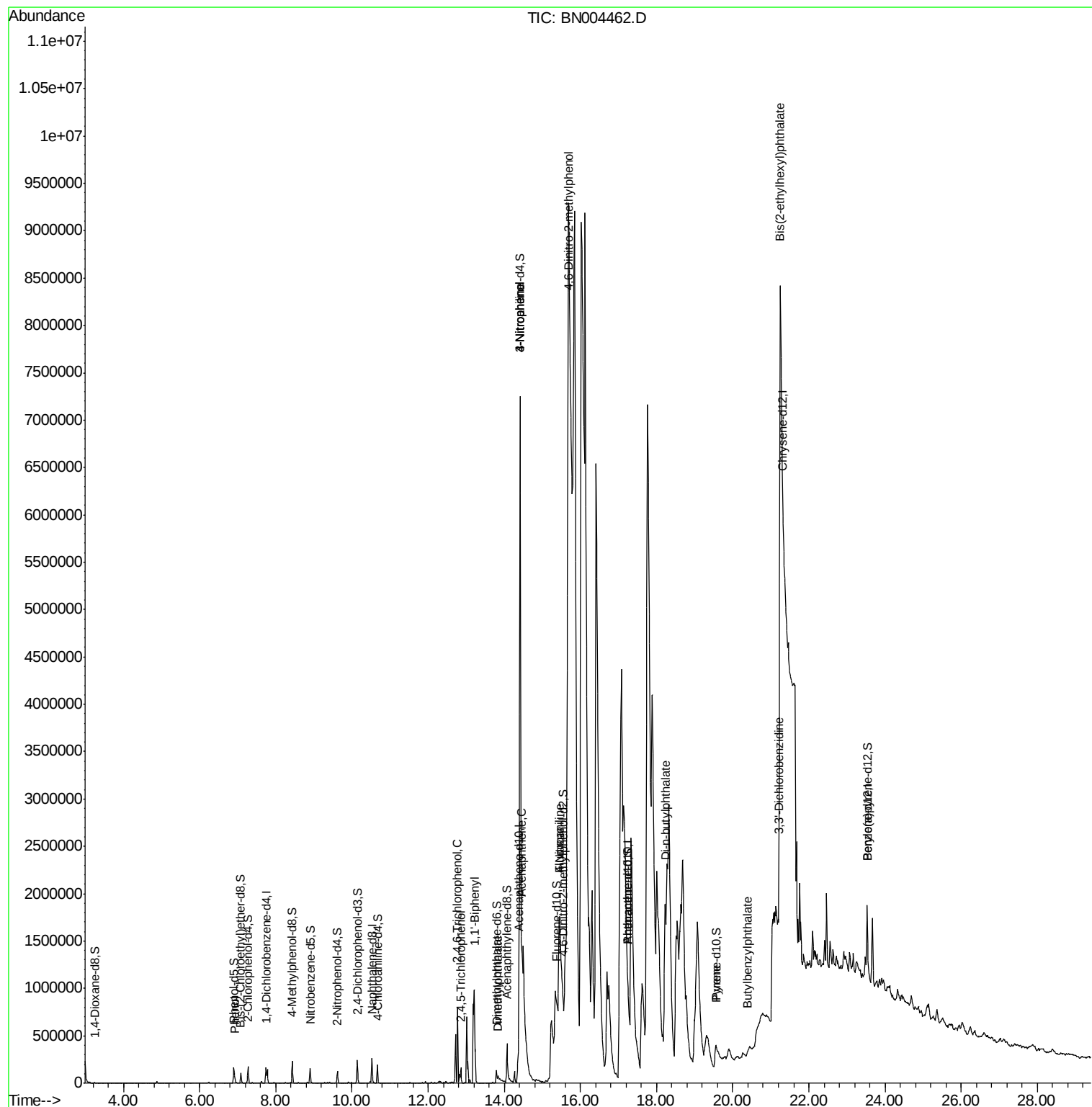
					Ovalue	
6) Phenol	6.93	94	24234	5.566	ng/ul	97
39) 2,4,6-Trichlorophenol	12.77	196	6890	2.821	ng/ul#	12
40) 2,4,5-Trichlorophenol	12.86	196	5482	1.998	ng/ul#	10
41) 1,1'-Biphenyl	13.22	154	555560	55.367	ng/ul	99
45) Dimethylphthalate	13.84	163	21109	2.027	ng/ul	99
49) 3-Nitroaniline	14.41	138	3013	1.608	ng/ul#	1
50) Acenaphthene	14.47	153	11919	1.397	ng/ul#	12
53) 4-Nitrophenol	14.42	109	9258	6.175	ng/ul#	1
59) Fluorene	15.45	166	367165	36.702	ng/ul#	21
61) 4-Nitroaniline	15.45	138	3484	1.429	ng/ul#	32
64) 4,6-Dinitro-2-methylphenol	15.69	198	88727	122.495	ng/ul#	1
76) Di-n-butylphthalate	18.23	149	47818	7.387	ng/ul#	1
80) Pyrene	19.58	202	1277	13.656	ng/ul#	1
81) Butylbenzylphthalate	20.38	149	8278	257.604	ng/ul#	80
82) 3,3'-Dichlorobenzidine	21.21	252	106	2.989	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.24	149	16718199	347105.929	ng/ul#	93

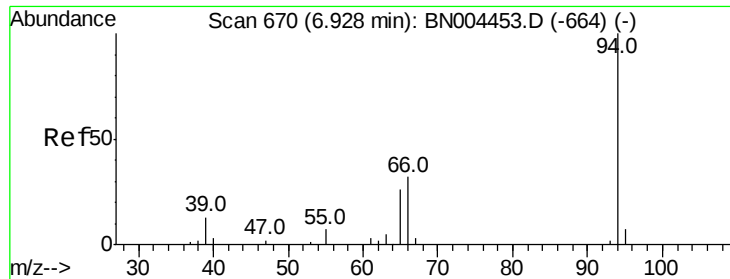
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#6

Phenol

Concen: 5.566 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

Instrument :

BNA_N

ClientSampleId :

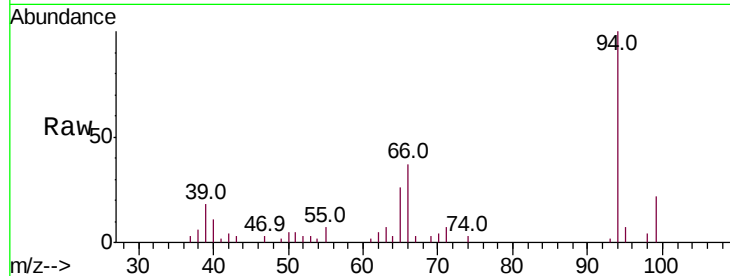
Tot Ion: 94 Resp: 24234

Ion Ratio Lower Upper

94 100

65 26.0 20.2 30.4

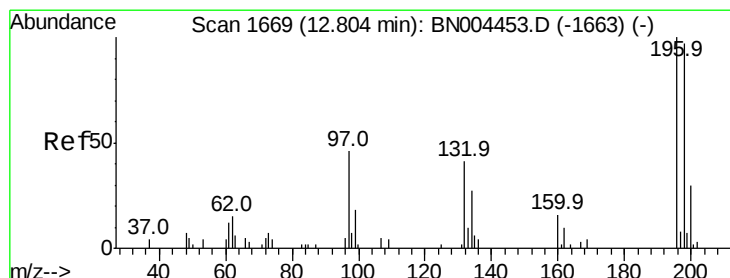
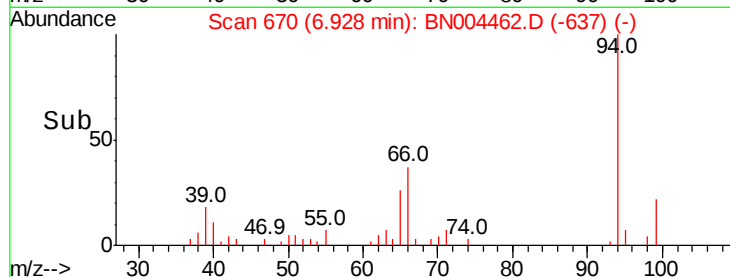
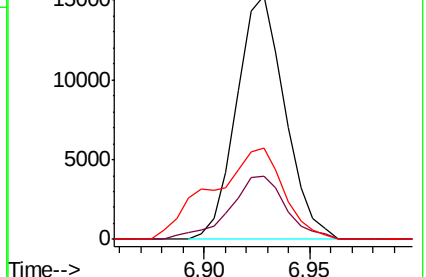
66 37.4 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN004453.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BN004453.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BN004453.D (-664) (-)



#39

2,4,6-Trichlorophenol

Concen: 2.821 ng/ul

RT: 12.77 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

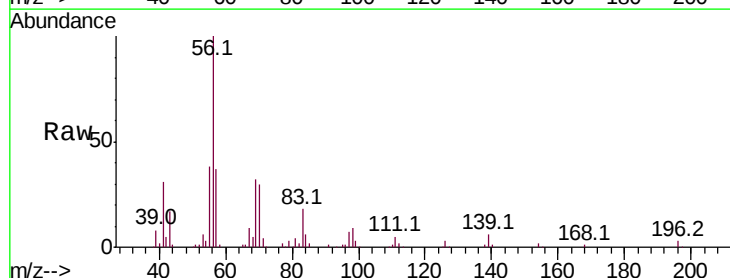
Tgt Ion:196 Resp: 6890

Ion Ratio Lower Upper

196 100

198 0.0 76.6 115.0#

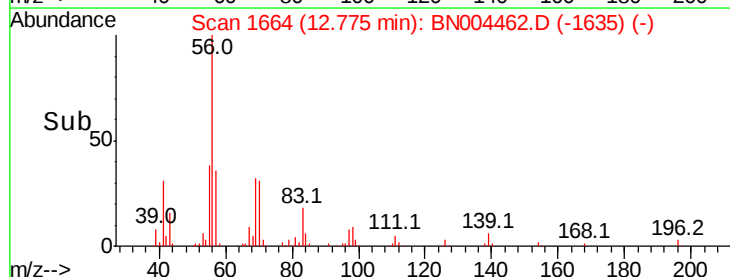
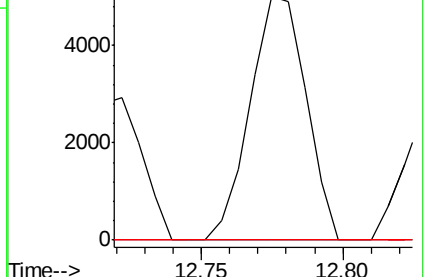
200 0.0 24.5 36.7#

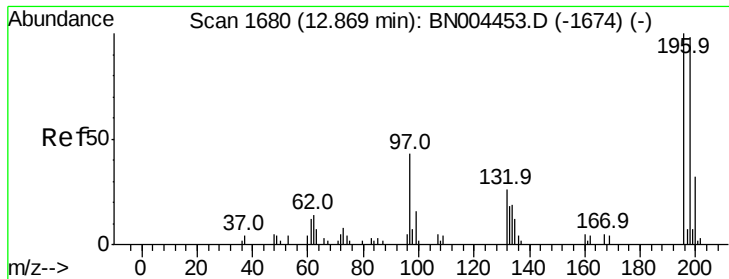


Abundance Ion 196.00 (195.70 to 196.70): BN004453.D (-1663) (-)

Ion 198.00 (197.70 to 198.70): BN004453.D (-1663) (-)

Ion 200.00 (199.70 to 200.70): BN004453.D (-1663) (-)

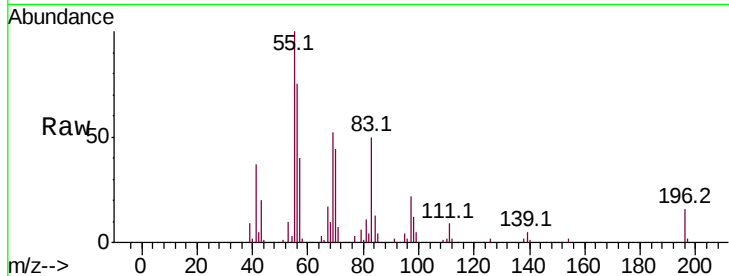




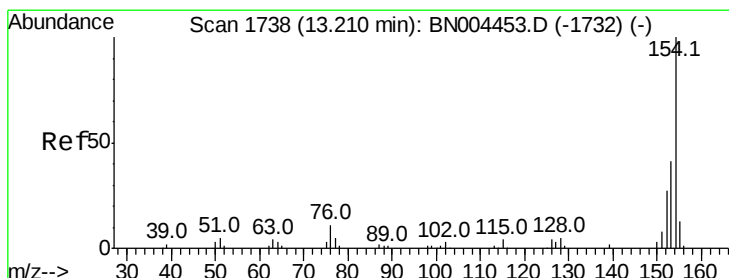
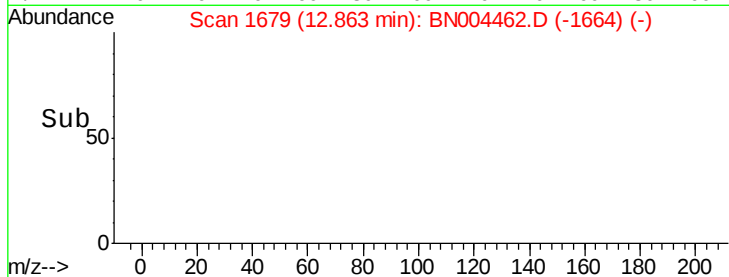
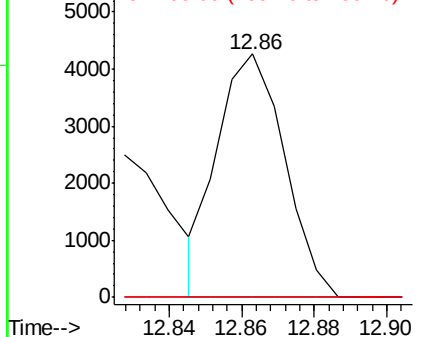
#40
 2,4,5-Trichlorophenol
 Concen: 1.998 ng/ul
 RT: 12.86 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BN004462.D
 Acq: 21 Feb 2019 09:51

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 5482
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.9 119.9#
 200 0.0 25.9 38.9#

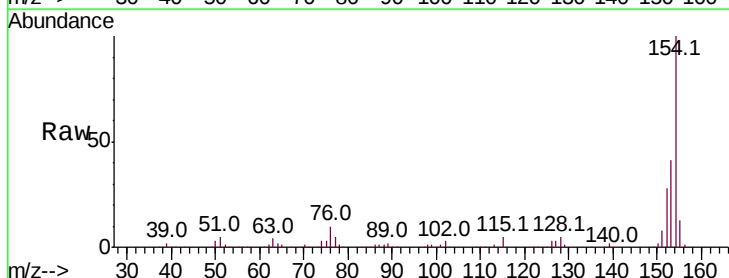


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

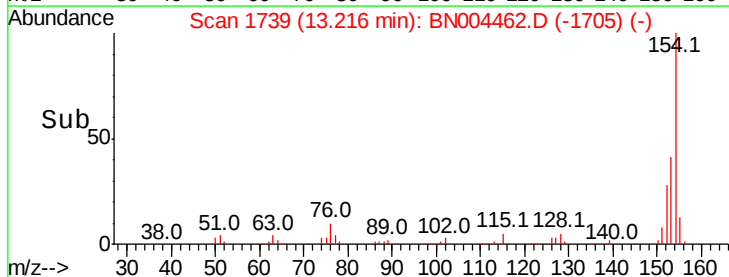
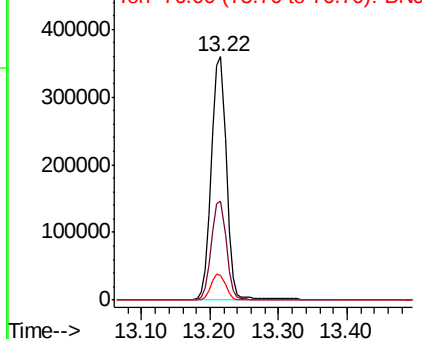


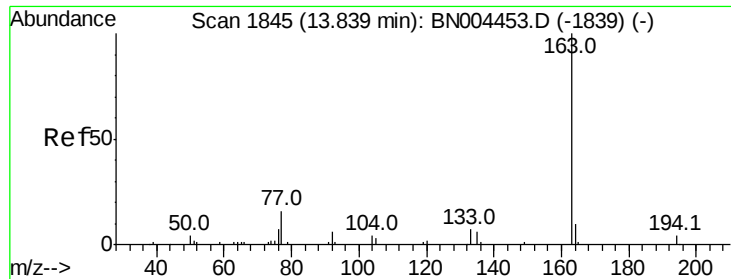
#41
 1,1'-Biphenyl
 Concen: 55.367 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BN004462.D
 Acq: 21 Feb 2019 09:51

Tgt Ion:154 Resp: 555560
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.6 48.8
 76 10.2 9.2 13.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

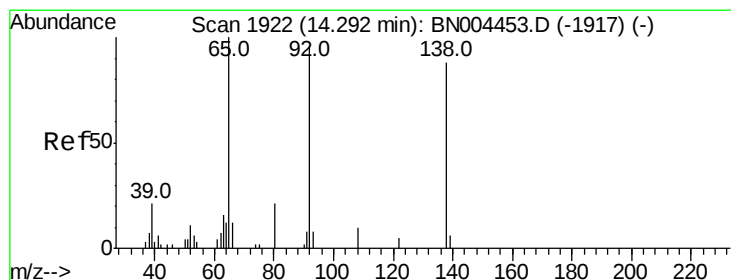
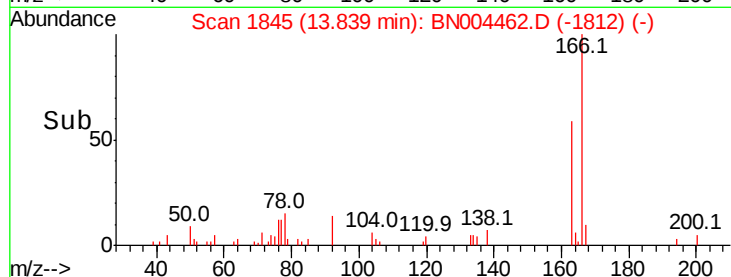
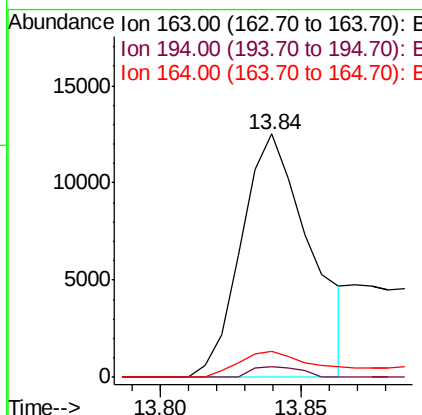
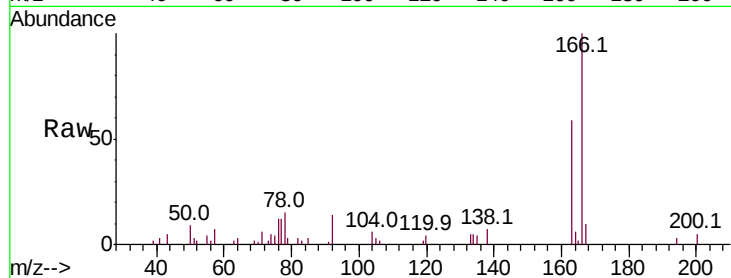




#45
Dimethylphthalate
Concen: 2.027 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BN004462.D
Acq: 21 Feb 2019 09:51

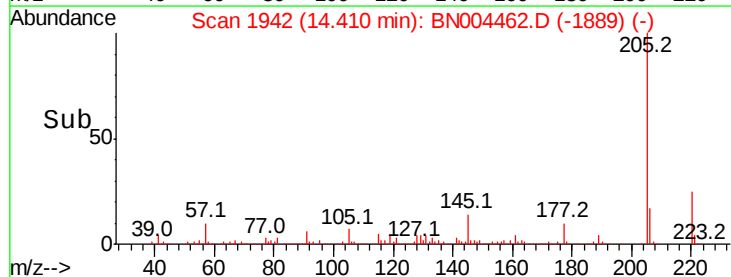
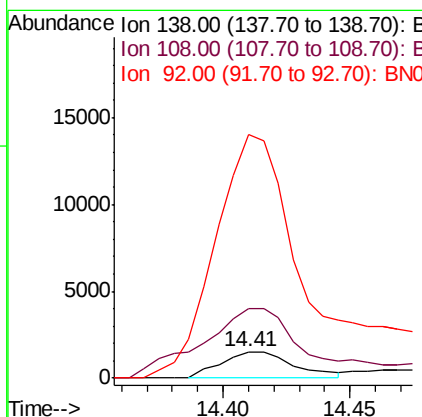
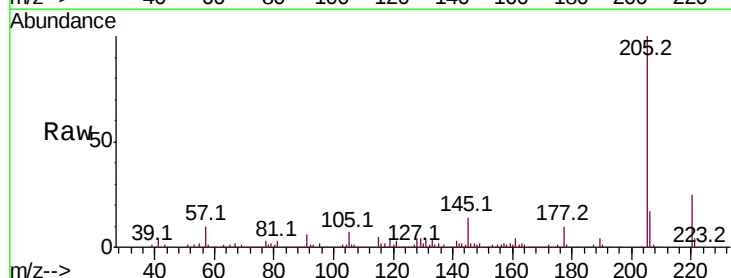
Instrument :
BNA_N
ClientSampleId :

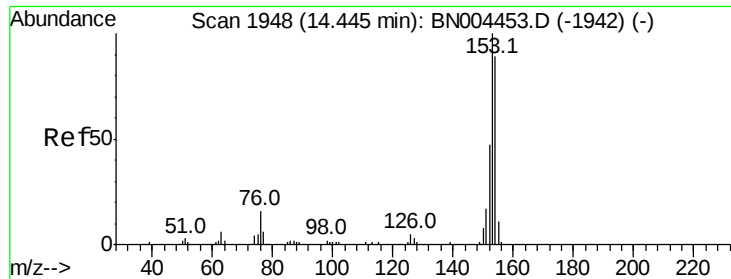
Tot Ion:163 Resp: 21109
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 7.9 11.9



#49
3-Nitroaniline
Concen: 1.608 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. 0.11 min
Lab File: BN004462.D
Acq: 21 Feb 2019 09:51

Tgt Ion:138 Resp: 3013
Ion Ratio Lower Upper
138 100
108 260.9 9.0 13.4#
92 917.3 85.8 128.6#





#50

Acenaphthene

Concen: 1.397 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

Instrument :

BNA_N

ClientSampled :

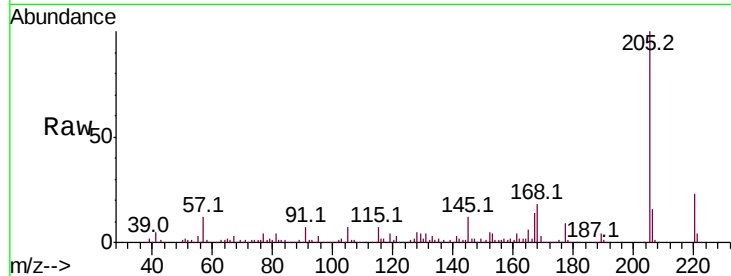
Tot Ion:153 Resp: 11919

Ion Ratio Lower Upper

153 100

152 124.1 37.8 56.6#

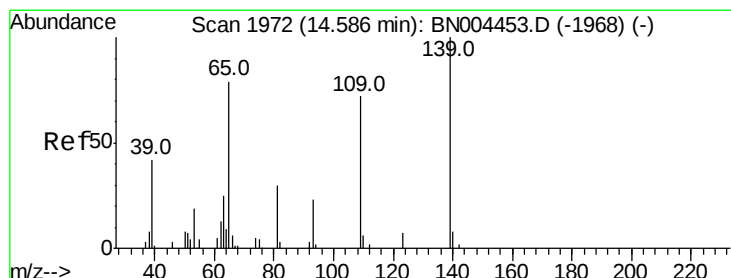
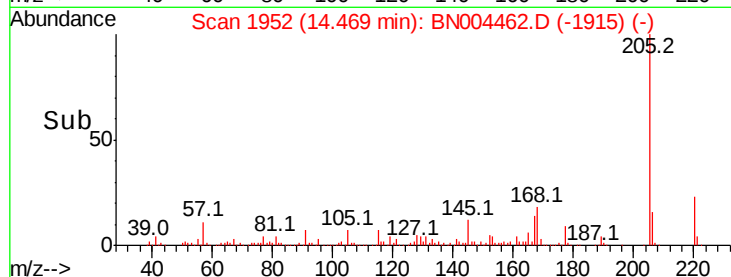
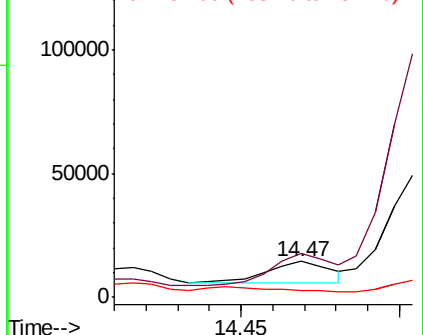
154 18.9 70.0 105.0#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 6.175 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.18 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

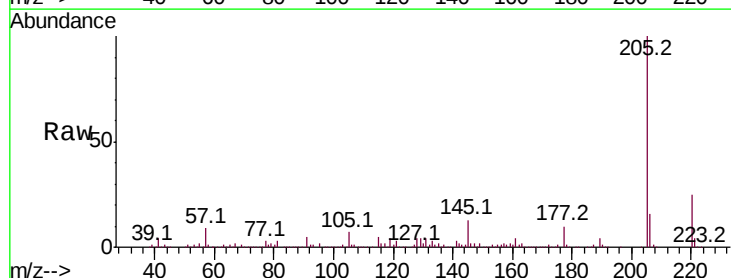
Tgt Ion:109 Resp: 9258

Ion Ratio Lower Upper

109 100

139 63.2 112.1 168.1#

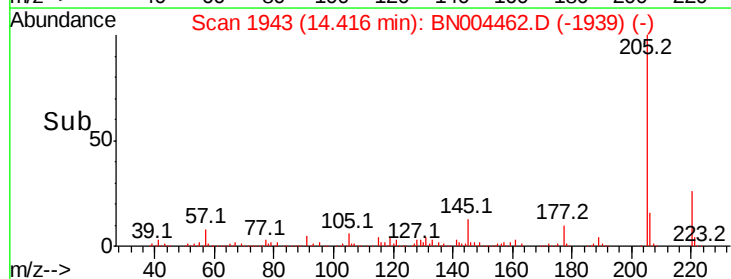
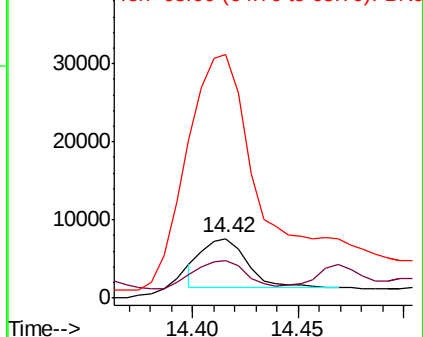
65 408.1 90.3 135.5#

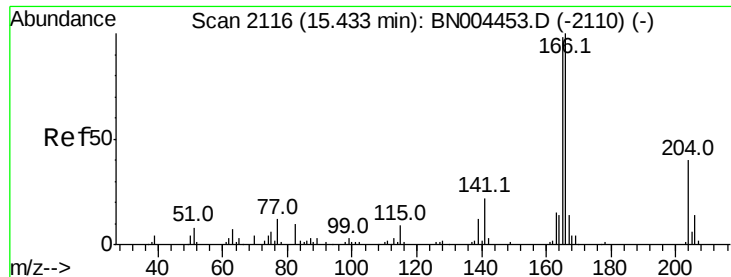


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#59

Fluorene

Concen: 36.702 ng/ul

RT: 15.45 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

Instrument :

BNA_N

ClientSampleId :

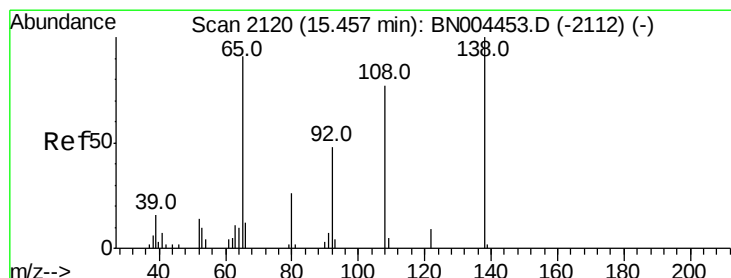
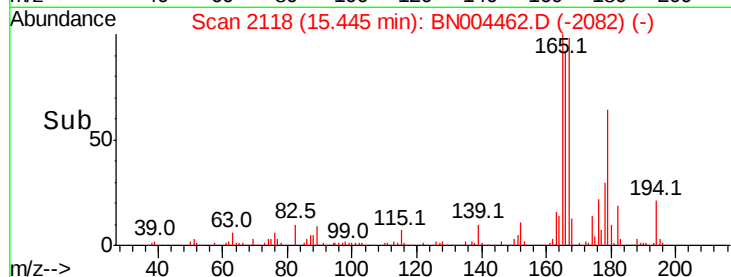
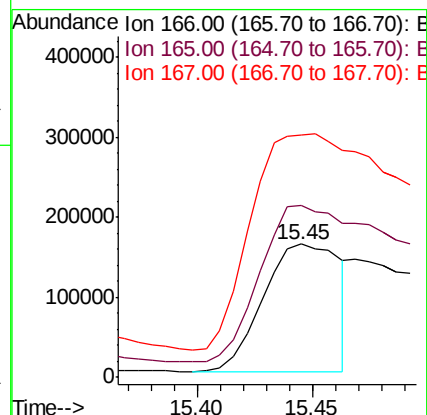
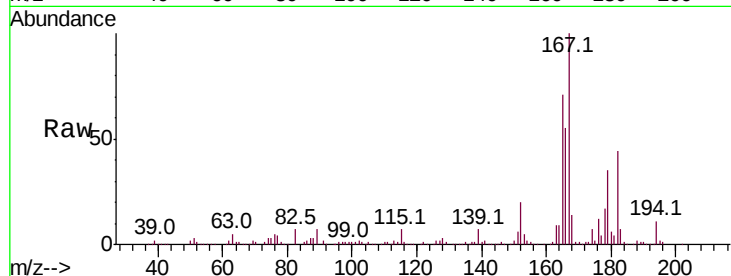
Tot Ion:166 Resp: 367165

Ion Ratio Lower Upper

166 100

165 129.3 78.0 117.0#

167 182.1 10.8 16.2#



#61

4-Nitroaniline

Concen: 1.429 ng/ul

RT: 15.45 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

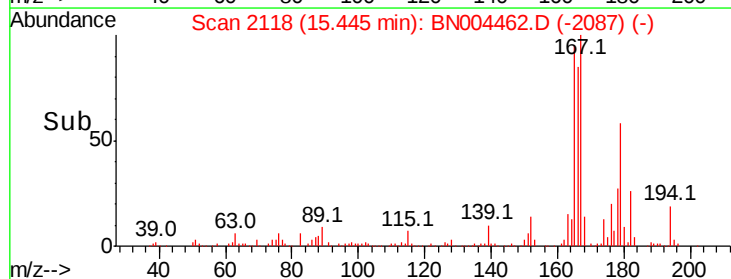
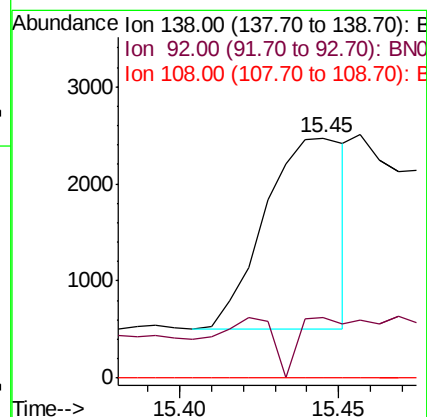
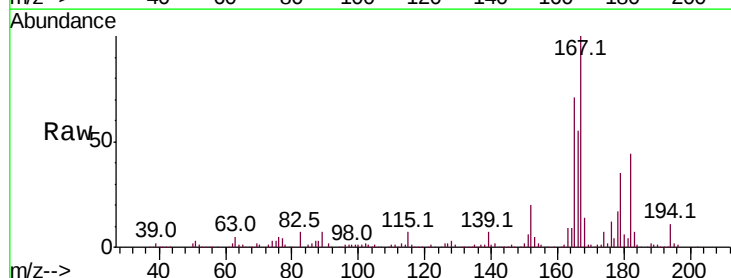
Tgt Ion:138 Resp: 3484

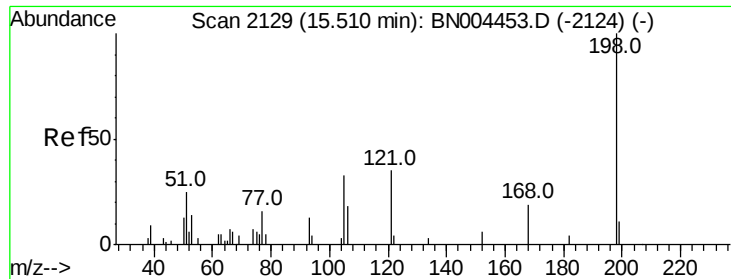
Ion Ratio Lower Upper

138 100

92 25.0 37.8 56.8#

108 0.0 61.7 92.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 122.495 ng/ul

RT: 15.69 min Scan# 2160

Delta R.T. 0.18 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

Instrument :

BNA_N

ClientSampleId :

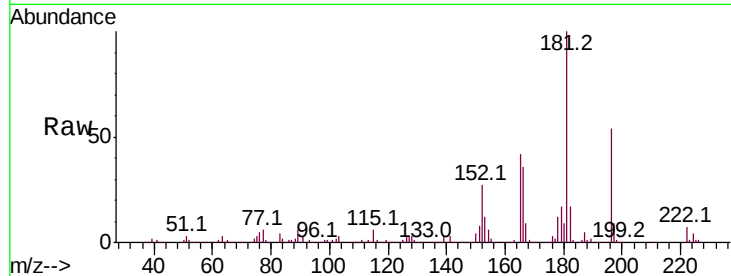
Tot Ion:198 Resp: 88727

Ion Ratio Lower Upper

198 100

182 2204.1 3.3 4.9#

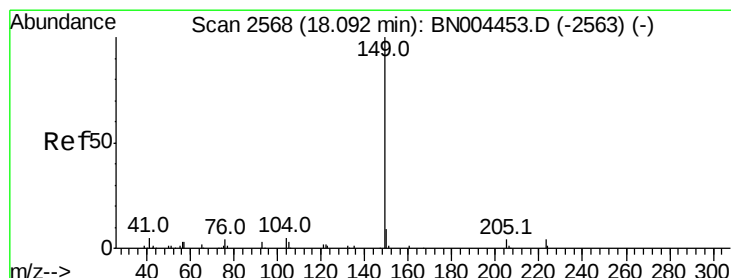
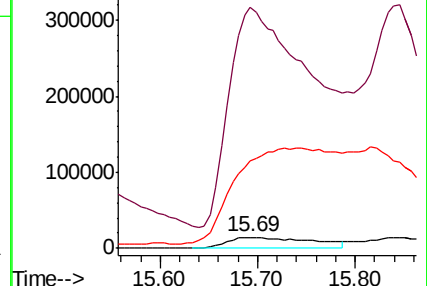
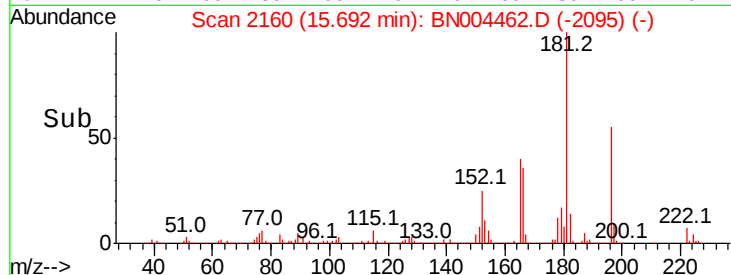
77 796.9 16.2 24.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#76

Di-n-butylphthalate

Concen: 7.387 ng/ul

RT: 18.23 min Scan# 2591

Delta R.T. 0.13 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

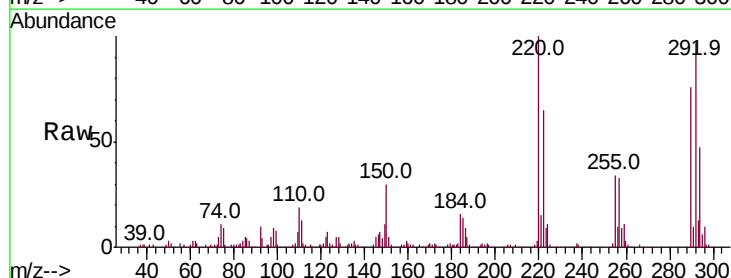
Tgt Ion:149 Resp: 47818

Ion Ratio Lower Upper

149 100

150 265.2 7.4 11.0#

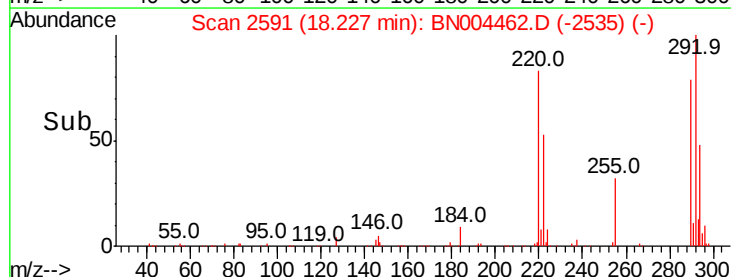
104 0.0 3.7 5.5#



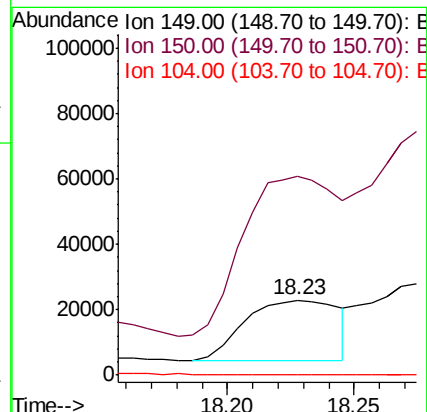
Abundance Ion 149.00 (148.70 to 149.70): E

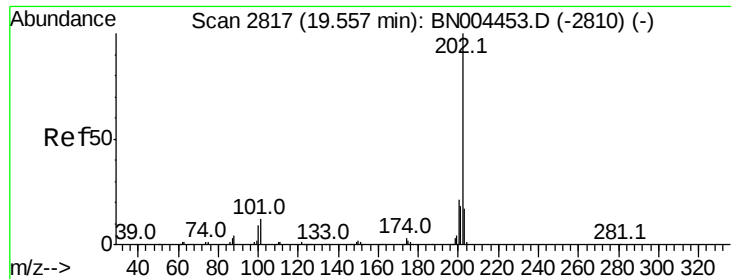
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

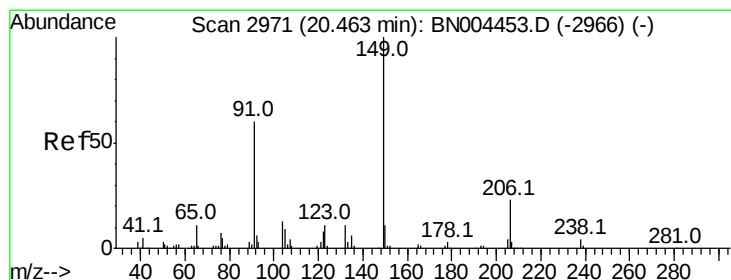
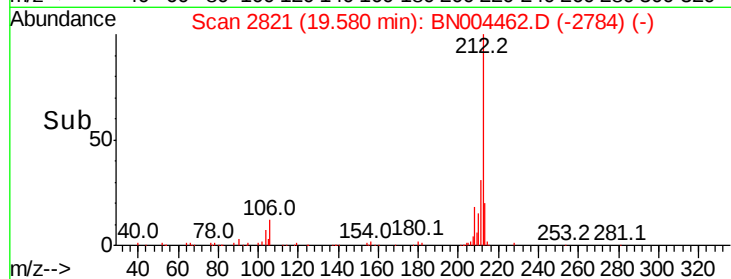
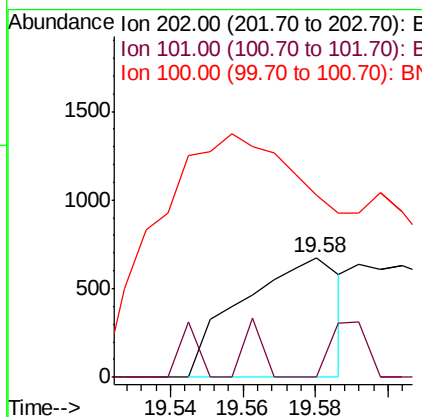
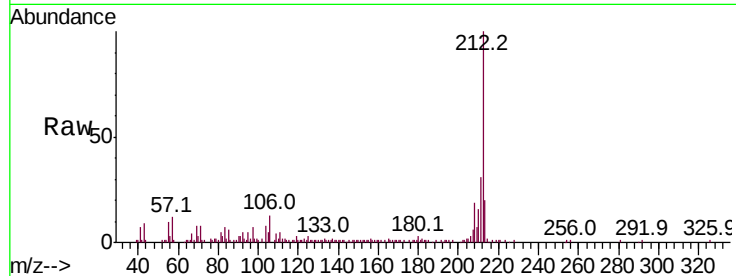




#80
Pvrene
Concen: 13.656 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.02 min
Lab File: BN004462.D
Acq: 21 Feb 2019 09:51

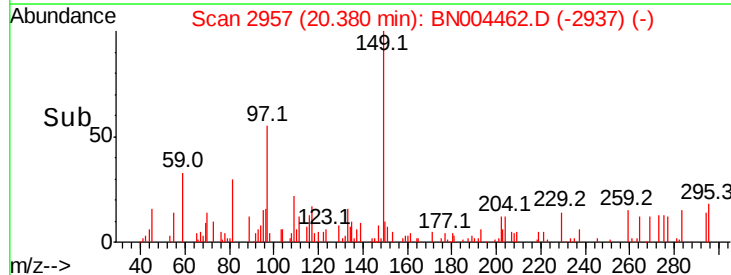
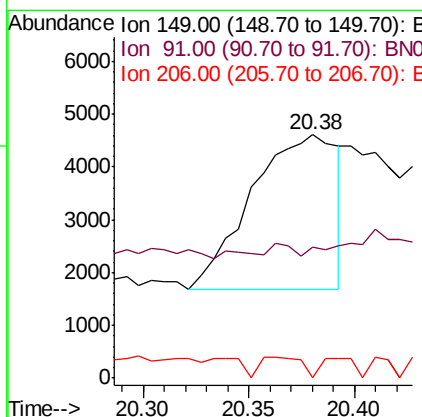
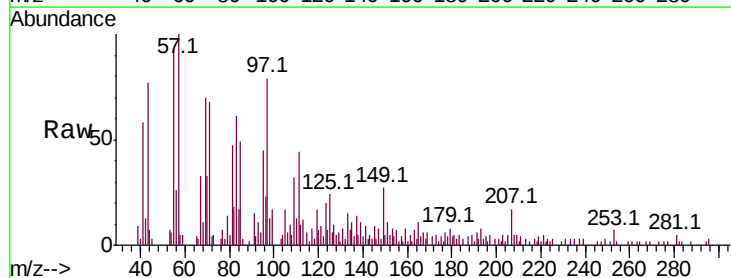
Instrument :
BNA_N
ClientSampleId :

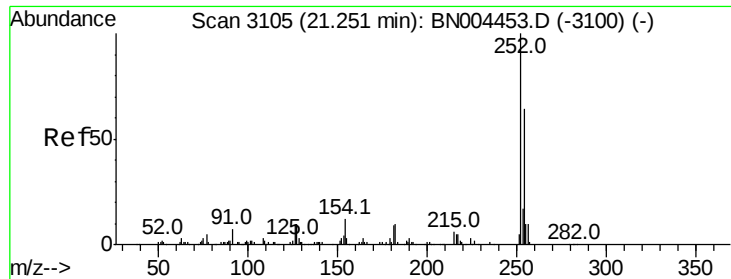
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.2	13.8#
100	152.1	7.5	11.3#



#81
Butylbenzylphthalate
Concen: 257.604 ng/ul
RT: 20.38 min Scan# 2957
Delta R.T. -0.08 min
Lab File: BN004462.D
Acq: 21 Feb 2019 09:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.0	49.8	74.6
206	0.0	18.2	27.2#





#82

3,3'-Dichlorobenzidine

Concen: 2.989 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.04 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

Instrument :

BNA_N

ClientSampleId :

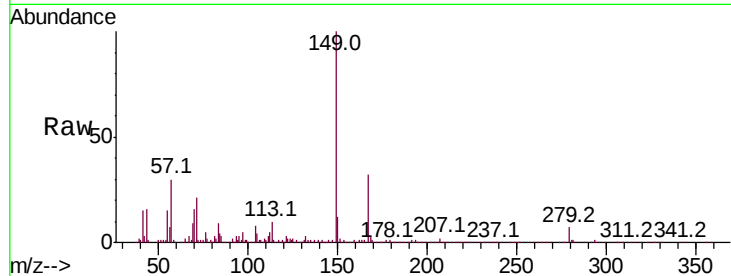
Tot Ion:252 Resp: 106

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.6#

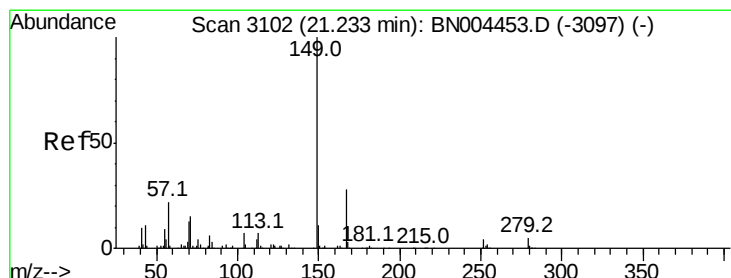
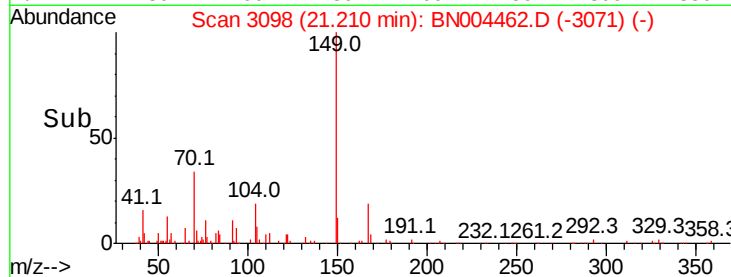
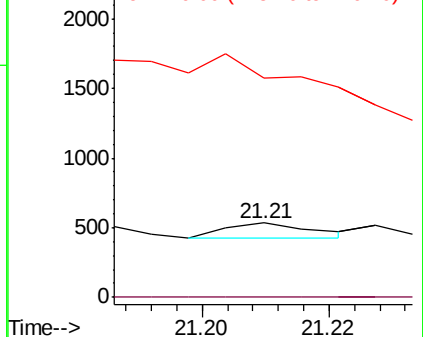
126 293.1 8.3 12.5#



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: 347105.929 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN004462.D

Acq: 21 Feb 2019 09:51

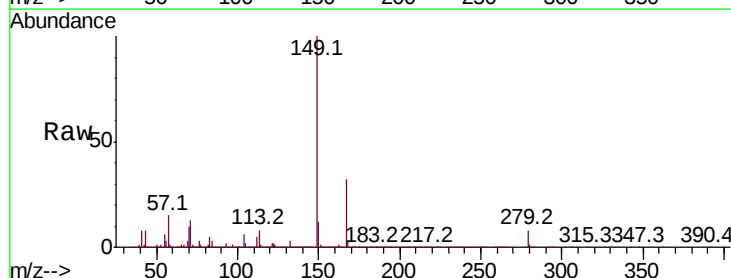
Tgt Ion:149 Resp:16718199

Ion Ratio Lower Upper

149 100

167 32.1 22.7 34.1

279 7.9 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

