

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005899.D
 Acq On : 24 May 2019 20:36
 Operator : JU/SJ
 Sample : K2928-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 24 23:47:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	81844	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	343866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	234833	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	607587	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	676513	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	703203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	9375	6.41	ng/uL	-0.01
5) Phenol-d5	6.76	99	218783	34.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	110370	33.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	177357	34.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	173079	32.00	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	86973	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	98364	34.12	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.97	165	199652	36.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	217401	35.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	703940	38.96	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	838797	38.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	83468	32.79	ng/ul	0.01
57) Fluorene-d10	15.20	176	622424	40.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	52461	14.36	ng/ul	0.01
70) Anthracene-d10	17.06	188	1047849	39.92	ng/ul	0.00
78) Pyrene-d10	19.37	212	1268116	38.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	1303452	41.32	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.20	88	29562	19.209	ng/uL	93
4) Benzaldehyde	6.72	77	119520	26.104	ng/ul	99
6) Phenol	6.78	94	333825	51.775	ng/ul#	89
8) Bis(2-Chloroethyl)ether	6.99	93	175407	37.124	ng/ul	94
17) Hexachloroethane	8.60	117	113944	51.558	ng/ul#	80
20) Nitrobenzene	8.75	77	128483	22.268	ng/ul	98
21) Isophorone	9.42	82	11913	1.036	ng/ul#	71
23) 2-Nitrophenol	9.45	139	118327	39.433	ng/ul#	91
28) Naphthalene	10.36	128	704127	42.866	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	749126	59.053	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	176824	23.388	ng/ul	95
39) 2,4,5-Trichlorophenol	12.71	196	339745	69.105	ng/ul	97
40) 1,1'-Biphenyl	13.02	154	746373	43.709	ng/ul#	96
41) 2-Chloronaphthalene	13.06	162	574195	42.573	ng/ul	97
44) Dimethylphthalate	13.66	163	243847	13.688	ng/ul	99
47) Acenaphthylene	13.92	152	840346	39.750	ng/ul	99
49) Acenaphthene	14.26	153	503194	35.129	ng/ul	98
52) 4-Nitrophenol	14.48	109	70809	29.786	ng/ul#	66
53) Dibenzofuran	14.60	168	381098	17.932	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	148981	26.484	ng/ul	93
56) Diethylphthalate	15.04	149	395031	21.909	ng/ul	97
58) Fluorene	15.26	166	724657	41.920	ng/ul	99
60) 4-Nitroaniline	15.26	138	8557	2.321	ng/ul#	11

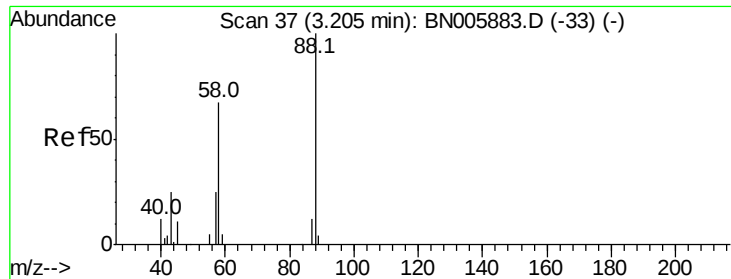
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.27	284	132901	18.620	ng/ul	93
69) Phenanthrene	17.00	178	1032370	34.278	ng/ul	99
71) Anthracene	17.09	178	1756195	57.269	ng/ul	100
76) Fluoranthene	19.03	202	1249546	33.558	ng/ul#	88
79) Pyrene	19.40	202	1134585	27.311	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	1049609	24.627	ng/ul	100
84) Chrysene	21.23	228	872366	21.713	ng/ul	99
86) Di-n-octyl phthalate	21.98	149	849919	22.652	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	1798434	46.488	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	918883	24.548	ng/ul#	97
90) Benzo(a)pyrene	23.30	252	984642	26.285	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	960695	20.976	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.58	278	556560	14.436	ng/ul#	93
93) Benzo(q,h,i)perylene	26.26	276	1253731	32.748	ng/ul#	90

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



#2

1,4-Dioxane

Concen: 19.209 ng/uL

RT: 3.20 min Scan# 36

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

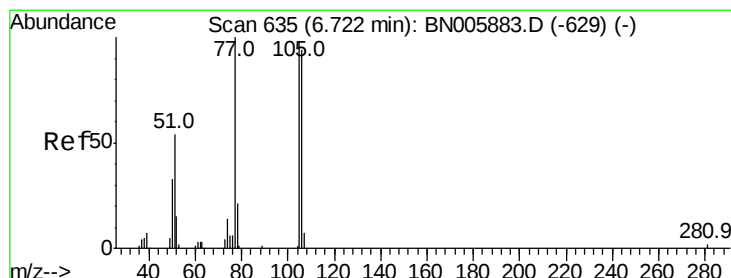
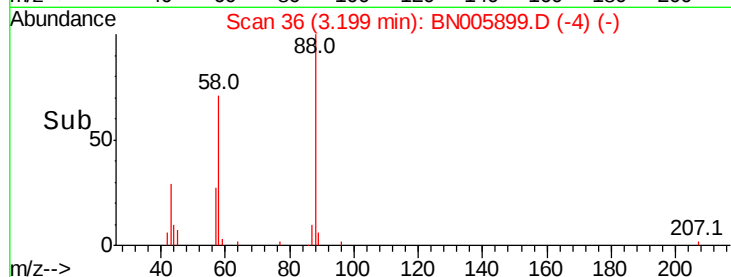
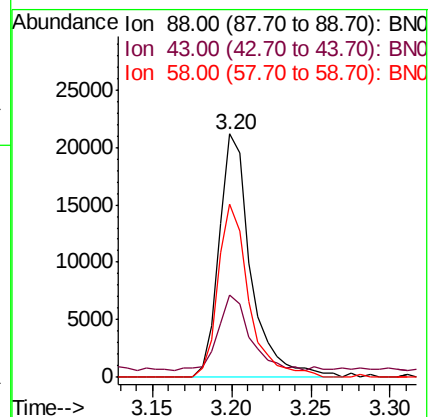
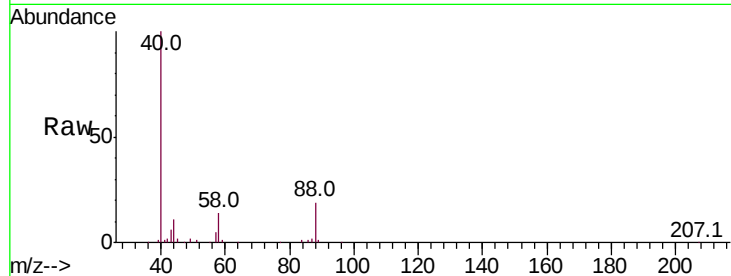
Tot Ion: 88 Resp: 29562

Ion Ratio Lower Upper

88 100

43 33.9 25.3 37.9

58 71.4 62.3 93.5



#4

Benzaldehyde

Concen: 26.104 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

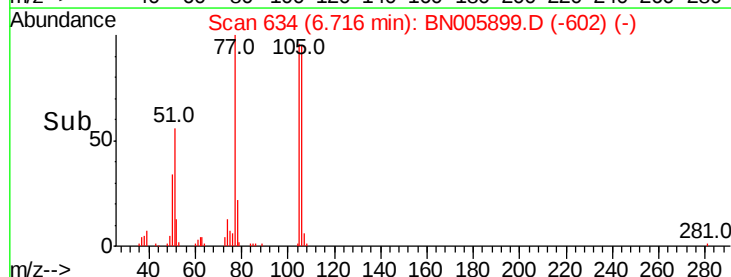
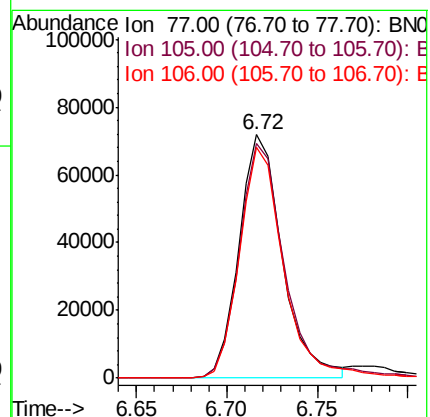
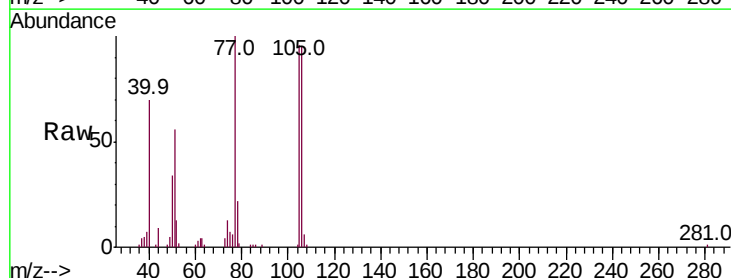
Tgt Ion: 77 Resp: 119520

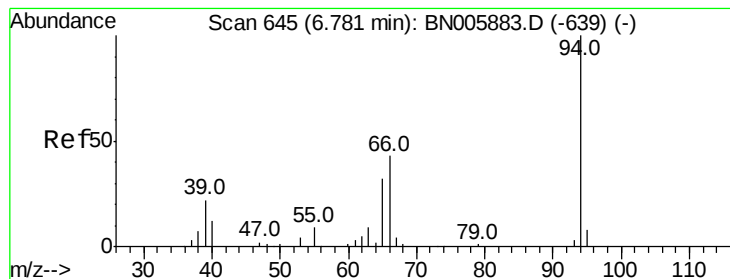
Ion Ratio Lower Upper

77 100

105 96.3 77.4 116.2

106 94.8 76.3 114.5





#6

Phenol

Concen: 51.775 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampled :

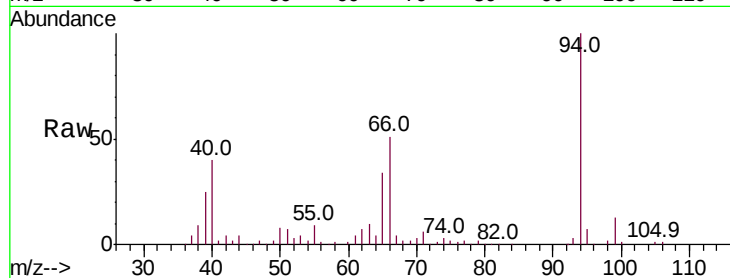
Tot Ion: 94 Resp: 333825

Ion Ratio Lower Upper

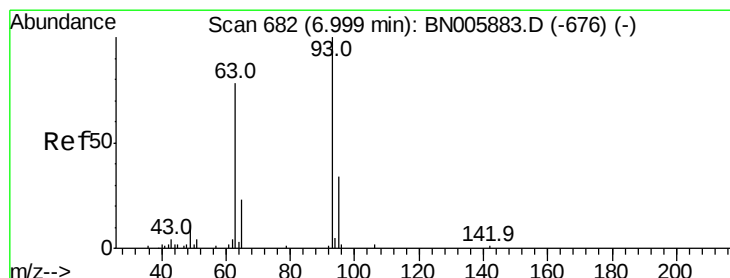
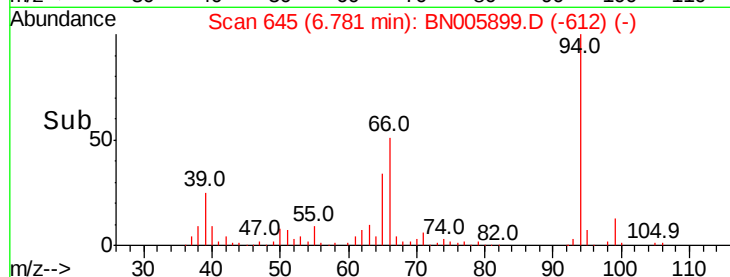
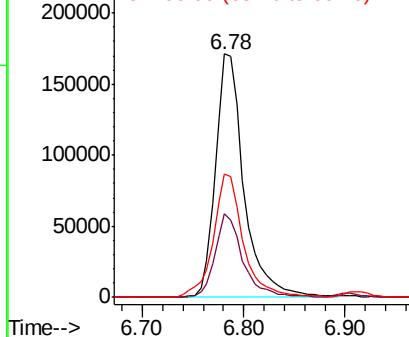
94 100

65 34.1 24.2 36.4

66 50.7 33.8 50.6#



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



#8

Bis(2-Chloroethyl)ether

Concen: 37.124 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

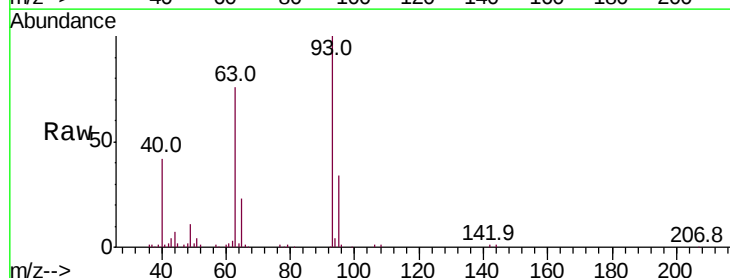
Tgt Ion: 93 Resp: 175407

Ion Ratio Lower Upper

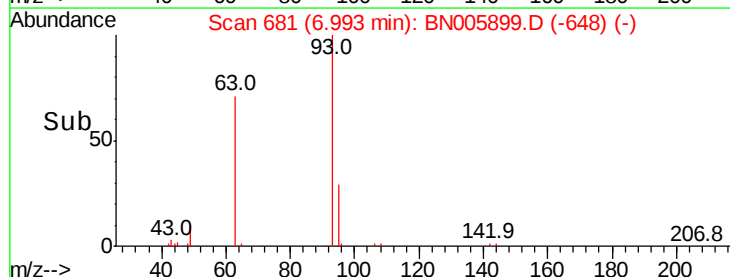
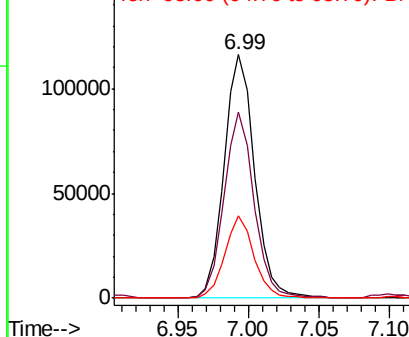
93 100

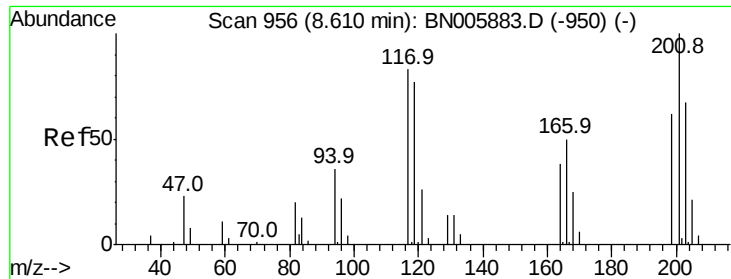
63 76.1 67.1 100.7

95 33.9 26.9 40.3



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC

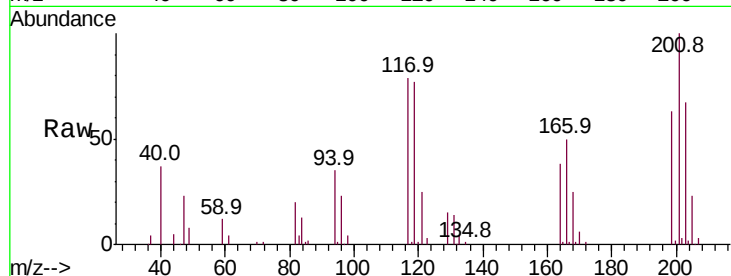




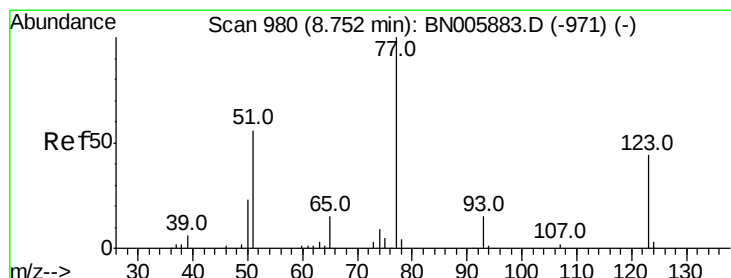
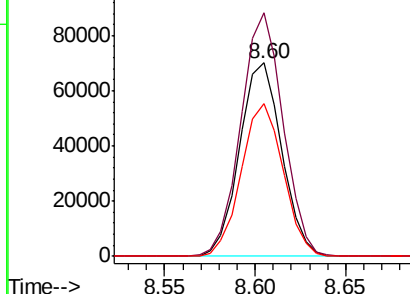
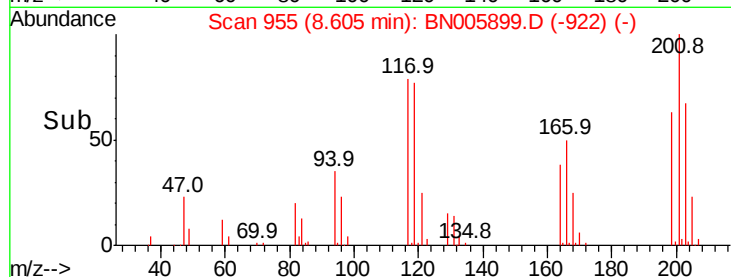
#17
Hexachloroethane
Concen: 51.558 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

Instrument :
BNA_N
ClientSampled :

Tot Ion:117 Resp: 113944
Ion Ratio Lower Upper
117 100
201 126.1 84.1 126.1
199 79.3 51.2 76.8#

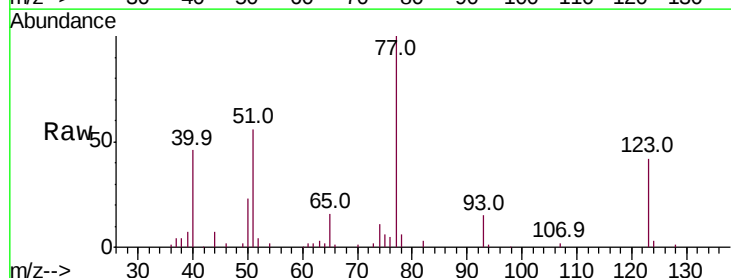


Abundance Ion 117.00 (116.70 to 117.70): E
120000
Ion 201.00 (200.70 to 201.70): E
100000
Ion 199.00 (198.70 to 199.70): E

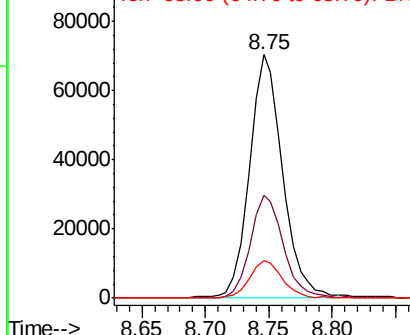
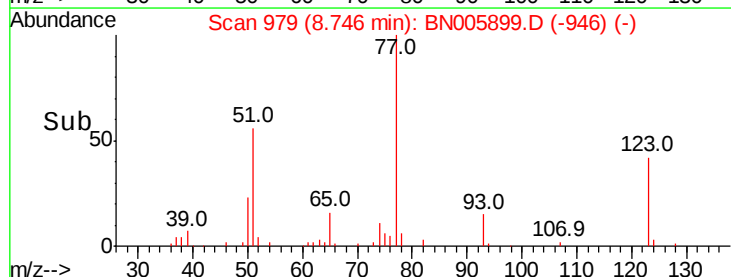


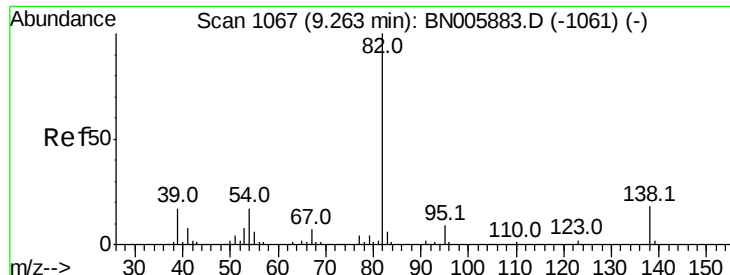
#20
Nitrobenzene
Concen: 22.268 ng/ul
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

Tgt Ion: 77 Resp: 128483
Ion Ratio Lower Upper
77 100
123 42.2 32.6 49.0
65 15.7 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
80000
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 1.036 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. 0.15 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampled :

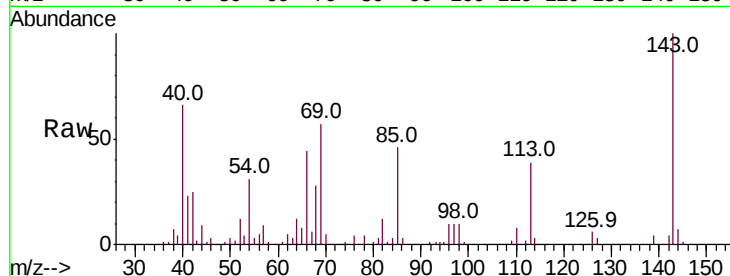
Tot Ion: 82 Resp: 11913

Ion Ratio Lower Upper

82 100

95 5.1 6.2 9.2#

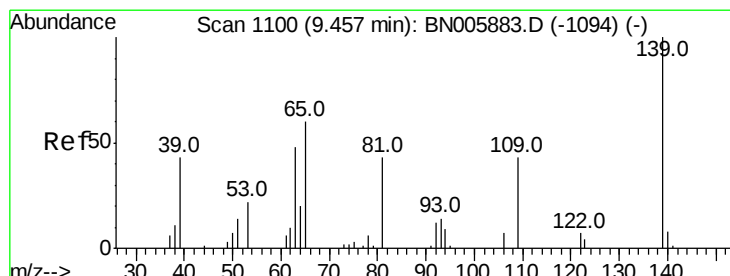
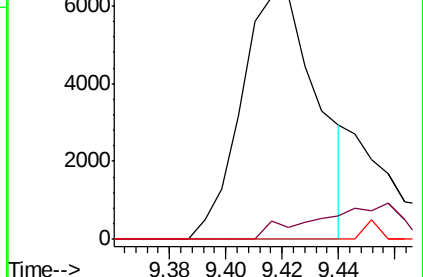
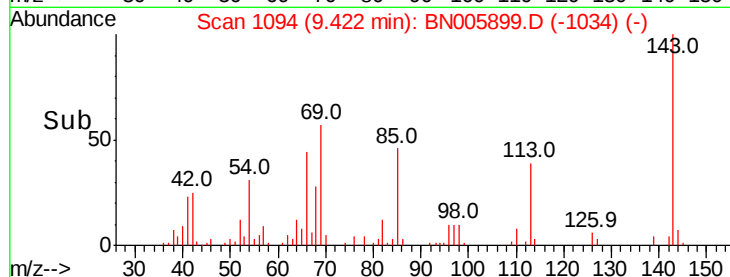
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BN005883.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BN005883.D (-1061) (-)

Ion 138.00 (137.70 to 138.70): BN005883.D (-1061) (-)



#23

2-Nitrophenol

Concen: 39.433 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

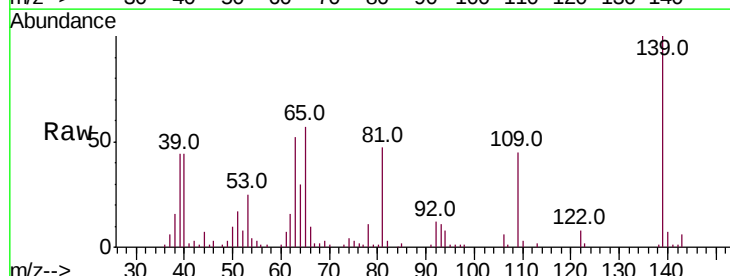
Tgt Ion:139 Resp: 118327

Ion Ratio Lower Upper

139 100

65 57.4 44.2 66.4

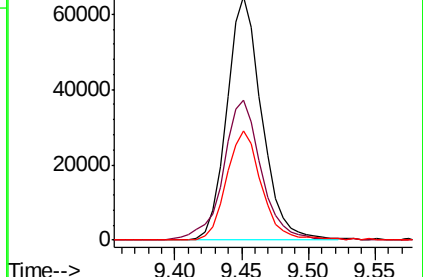
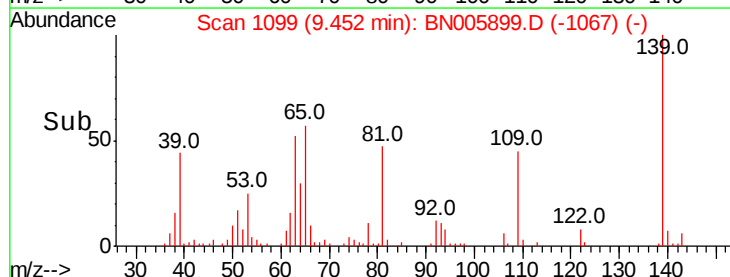
109 44.8 26.8 40.2#

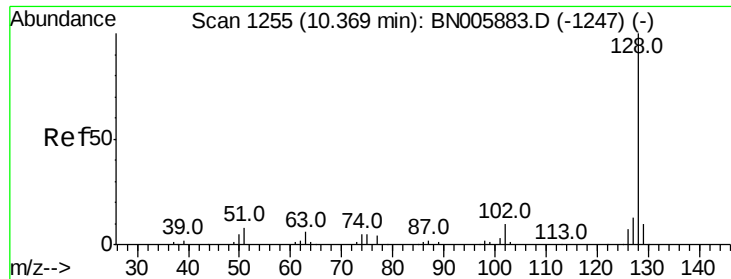


Abundance Ion 139.00 (138.70 to 139.70): BN005883.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BN005883.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BN005883.D (-1094) (-)





#28

Naphthalene

Concen: 42.866 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

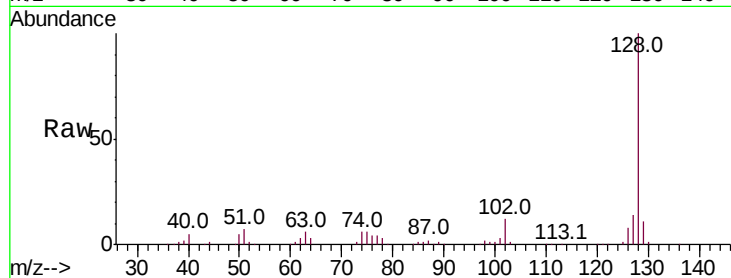
Instrument :

BNA_N

ClientSampled :

Tot Ion:128 Resp: 704127

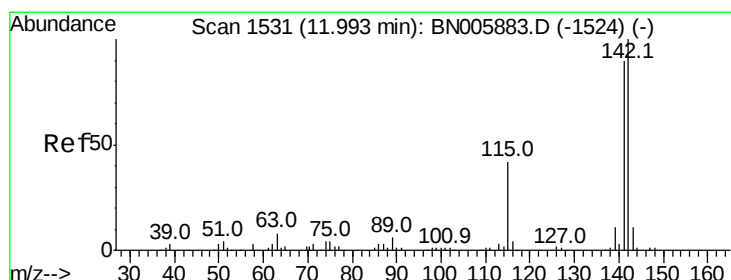
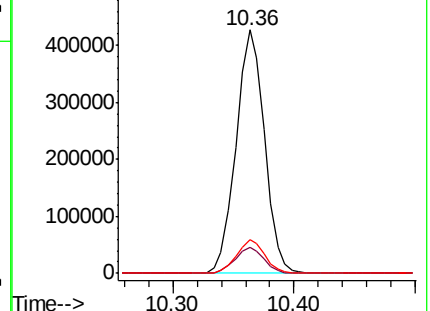
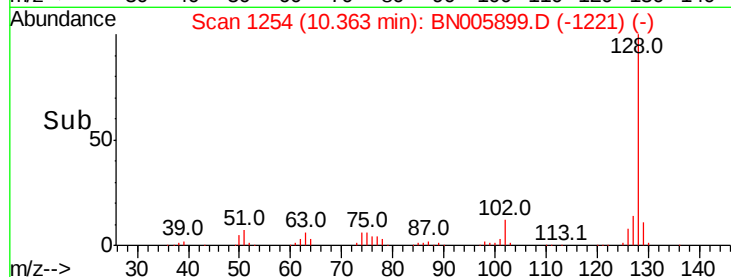
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	13.6	10.7	16.1



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



#34

2-Methylnaphthalene

Concen: 59.053 ng/ul

RT: 11.99 min Scan# 1530

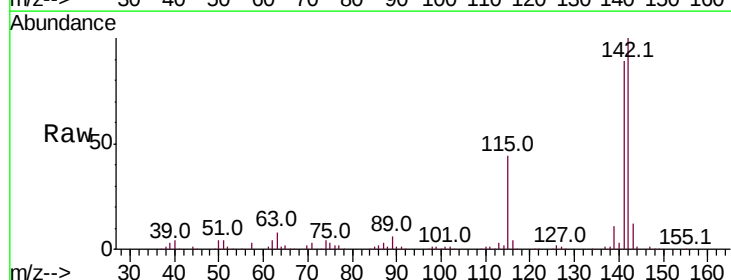
Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

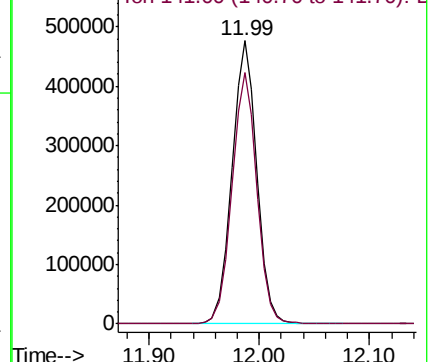
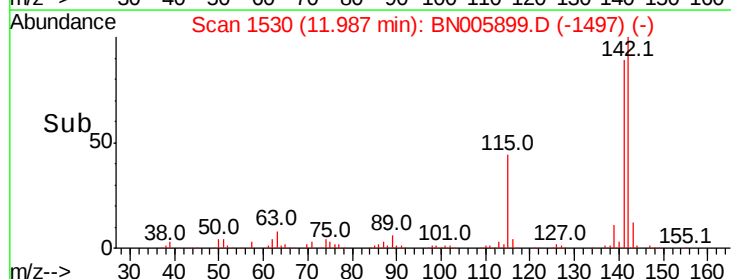
Tgt Ion:142 Resp: 749126

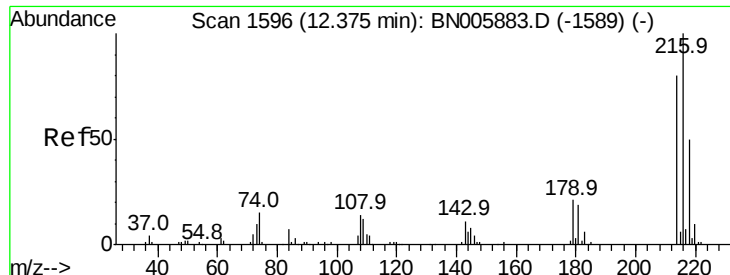
Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.0	108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

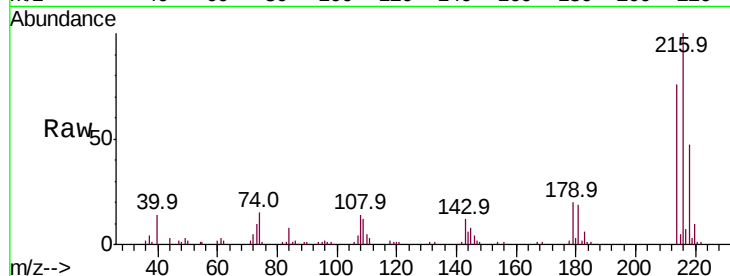




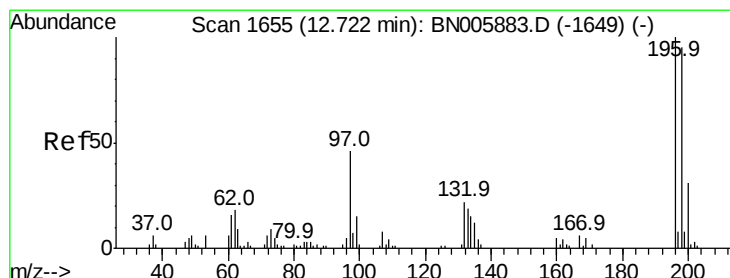
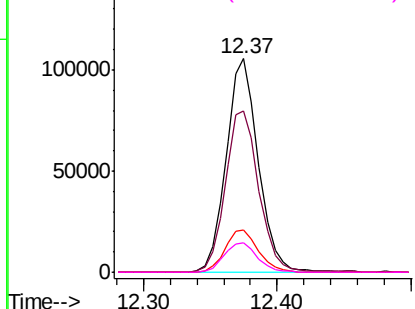
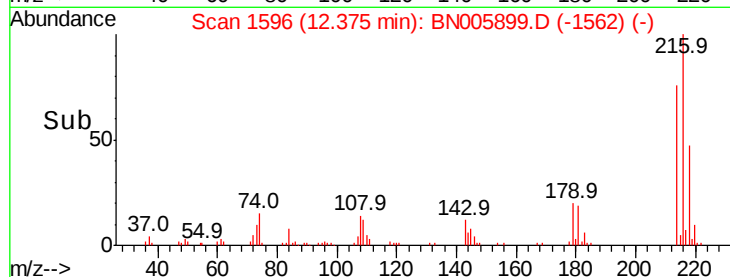
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.388 ng/ul
 RT: 12.37 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	176824
Ion	Ratio	Lower	Upper
216	100		
214	75.8	64.1	96.1
179	19.9	17.4	26.0
108	13.8	13.7	20.5

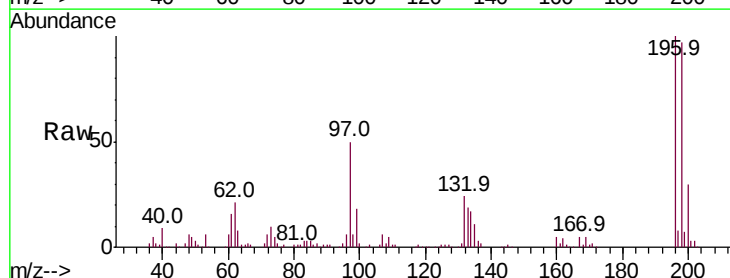


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

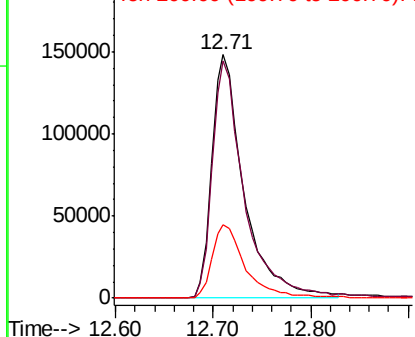
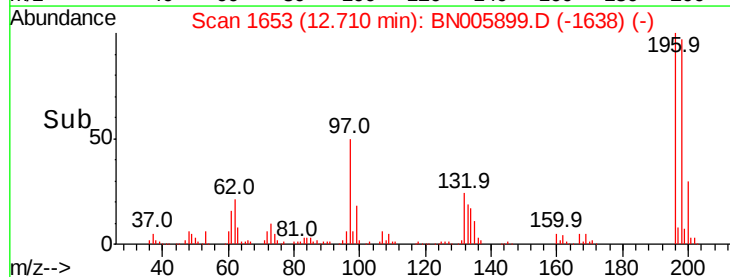


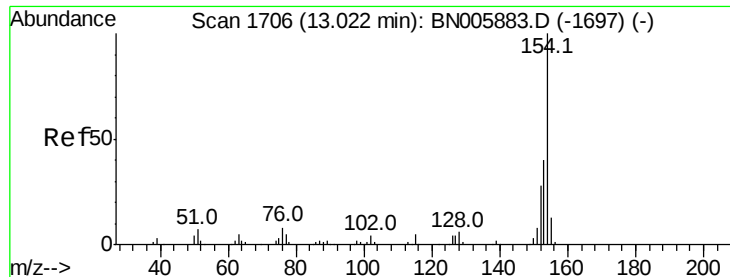
#39
 2,4,5-Trichlorophenol
 Concen: 69.105 ng/ul
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

Tgt Ion:	196	Resp:	339745
Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.0	112.4
200	30.2	24.2	36.4



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

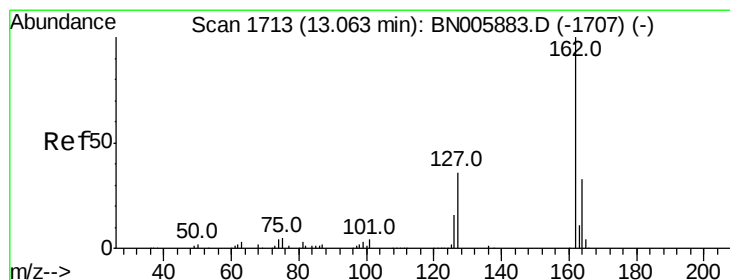
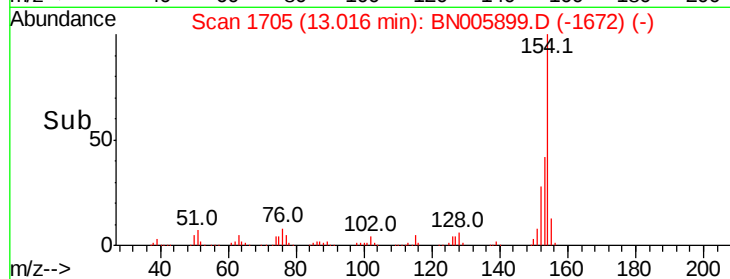
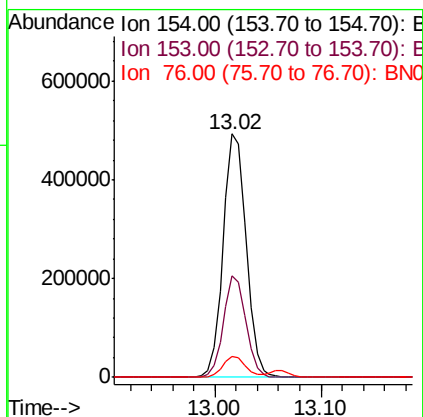
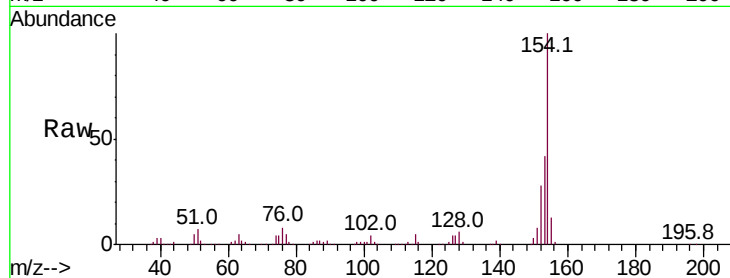




#40
 1,1'-Biphenyl
 Concen: 43.709 ng/ul
 RT: 13.02 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

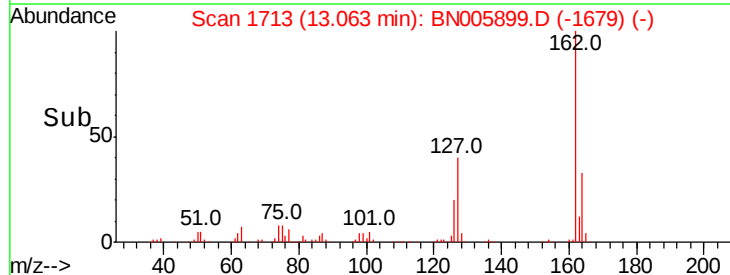
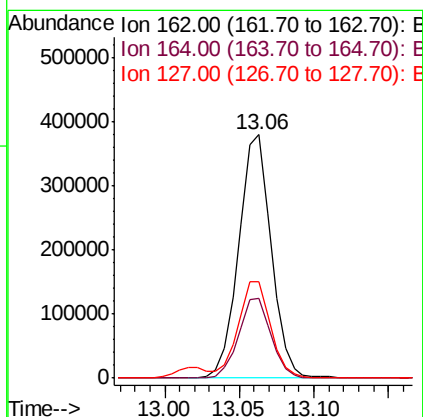
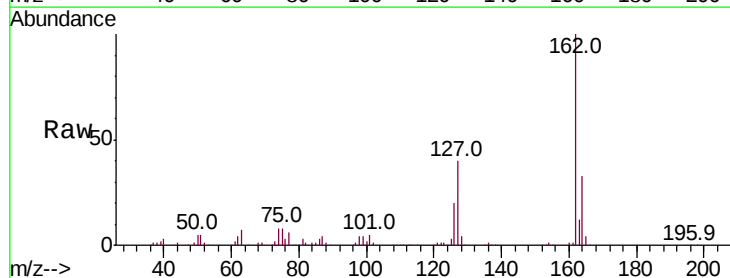
Instrument :
 BNA_N
 ClientSampleId :

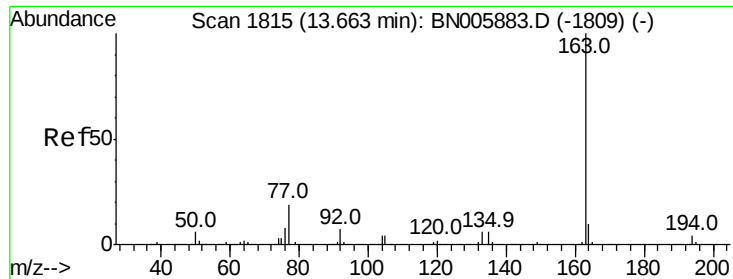
Tot Ion:154 Resp: 746373
 Ion Ratio Lower Upper
 154 100
 153 41.7 32.6 49.0
 76 8.4 10.4 15.6#



#41
 2-Chloronaphthalene
 Concen: 42.573 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

Tgt Ion:162 Resp: 574195
 Ion Ratio Lower Upper
 162 100
 164 32.6 26.8 40.2
 127 39.7 33.5 50.3





#44

Dimethylphthalate

Concen: 13.688 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

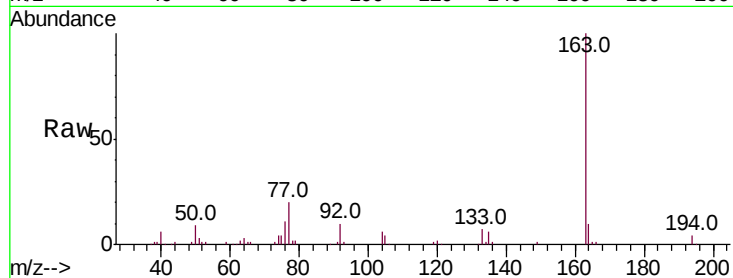
Tot Ion:163 Resp: 243847

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

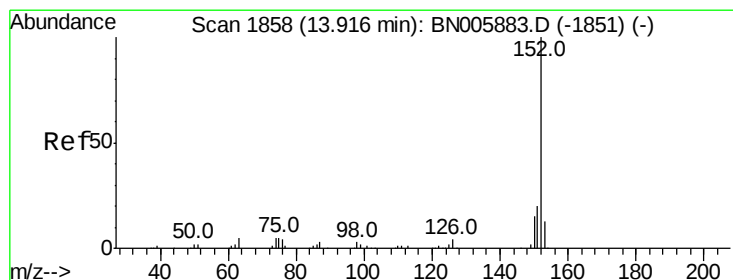
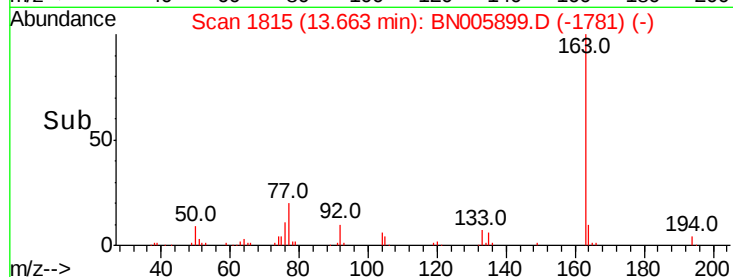
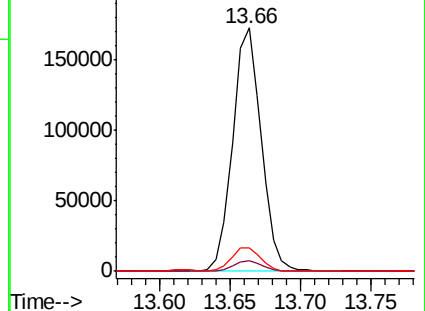
164 9.5 8.1 12.1



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



#47

Acenaphthylene

Concen: 39.750 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

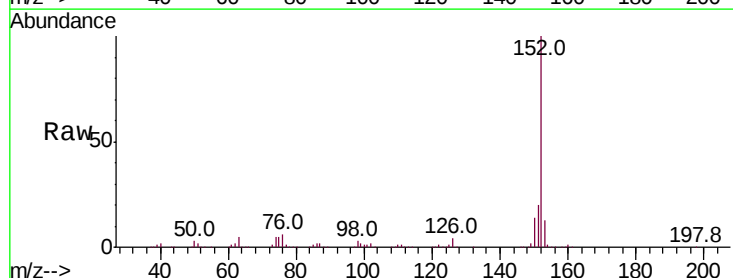
Tgt Ion:152 Resp: 840346

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

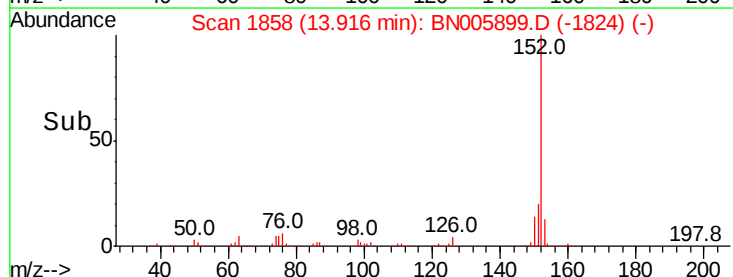
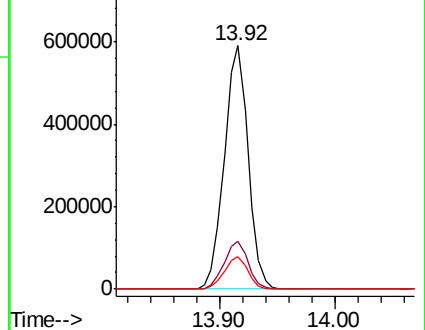
153 13.1 9.8 14.8

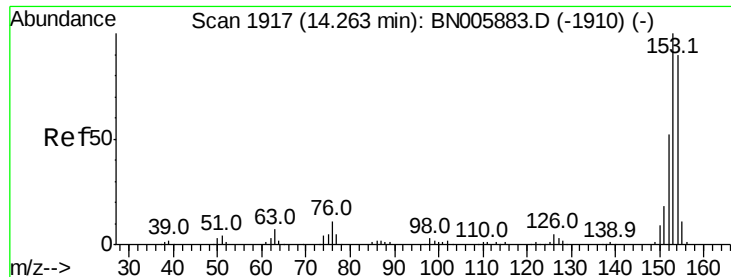


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 35.129 ng/ul

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

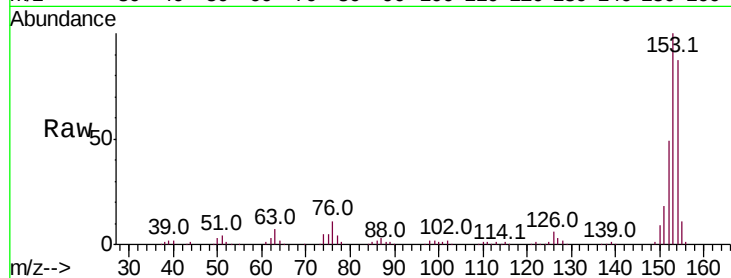
Tot Ion:153 Resp: 503194

Ion Ratio Lower Upper

153 100

152 48.7 37.4 56.0

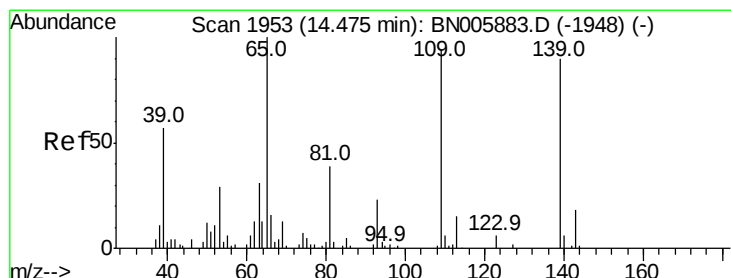
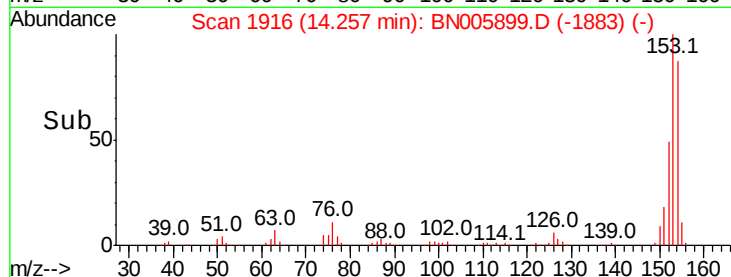
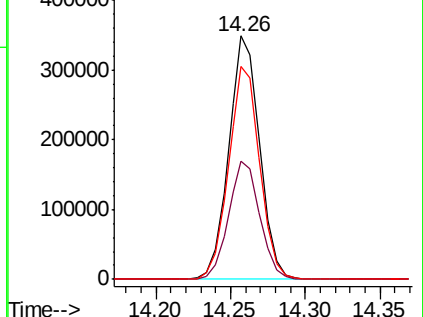
154 87.5 71.2 106.8



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



#52

4-Nitrophenol

Concen: 29.786 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

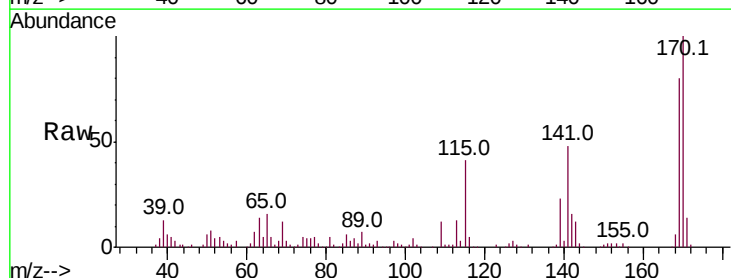
Tgt Ion:109 Resp: 70809

Ion Ratio Lower Upper

109 100

139 186.8 92.3 138.5#

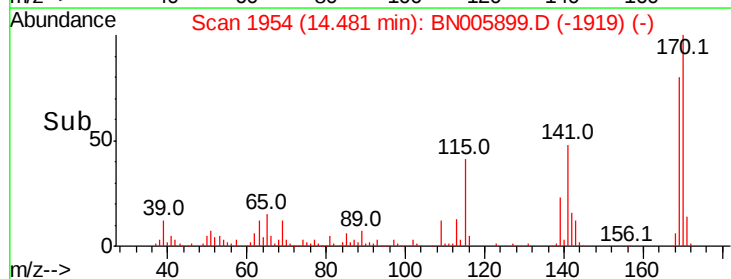
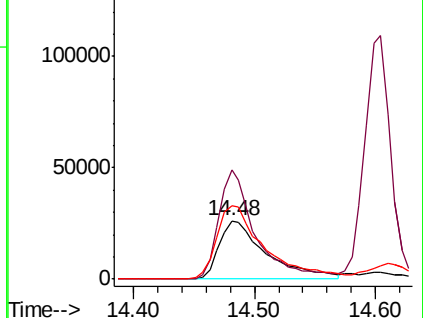
65 126.9 97.5 146.3

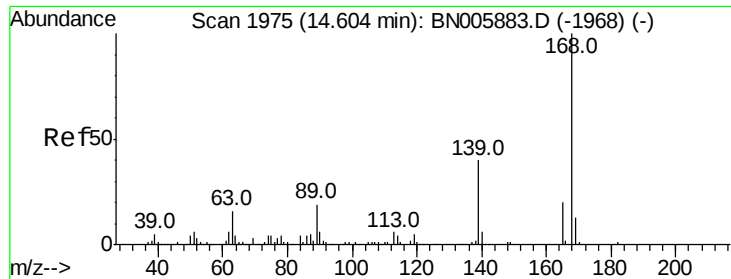


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#53

Dibenzofuran

Concen: 17.932 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

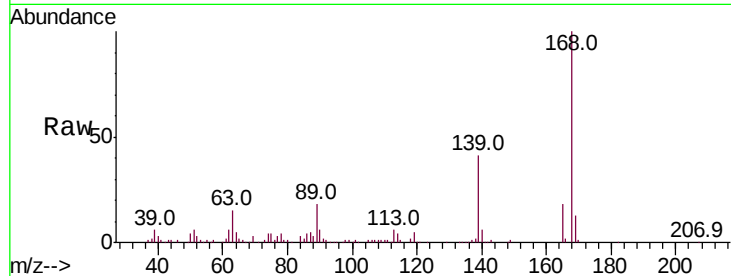
ClientSampleId :

Tot Ion:168 Resp: 381098

Ion Ratio Lower Upper

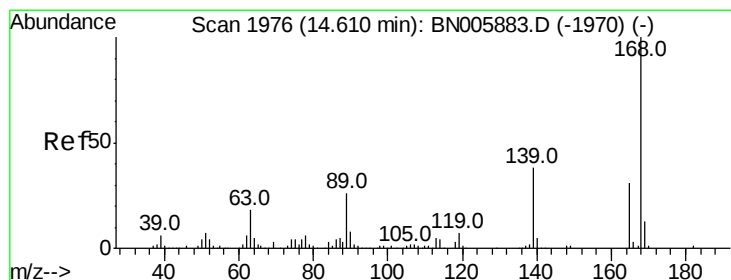
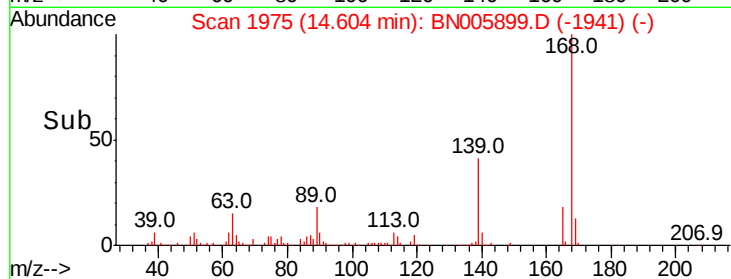
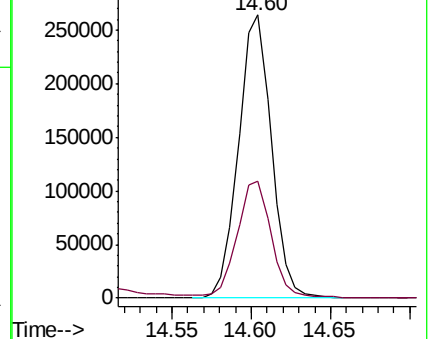
168 100

139 41.4 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 26.484 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

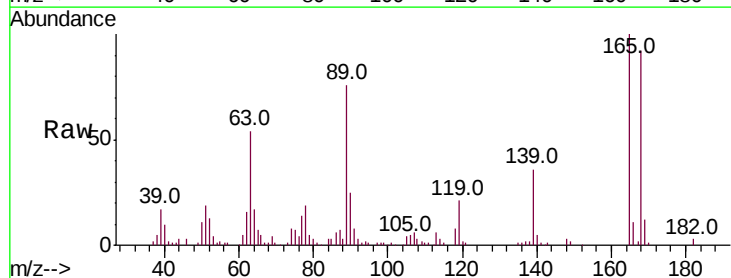
Tgt Ion:165 Resp: 148981

Ion Ratio Lower Upper

165 100

63 53.8 38.9 58.3

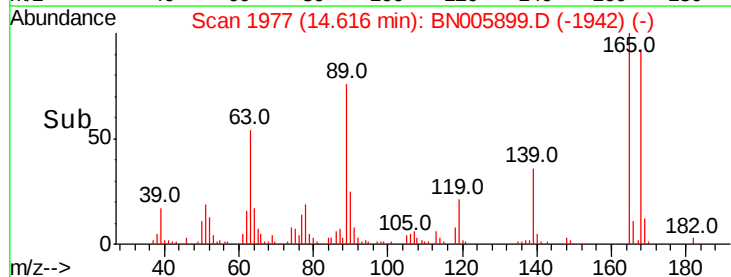
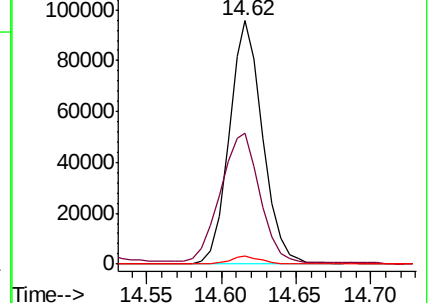
182 3.2 2.6 3.8

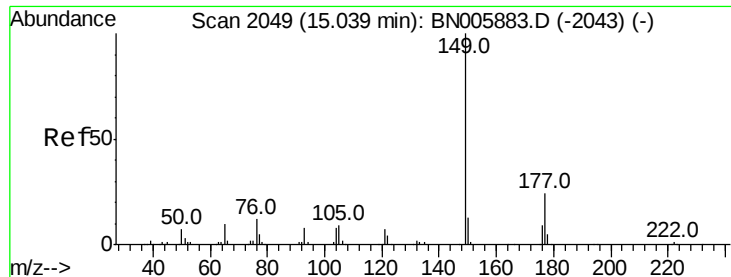


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 21.909 ng/ul

RT: 15.04 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

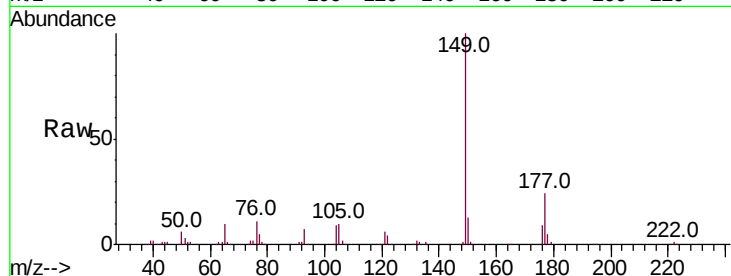
Tot Ion:149 Resp: 395031

Ion Ratio Lower Upper

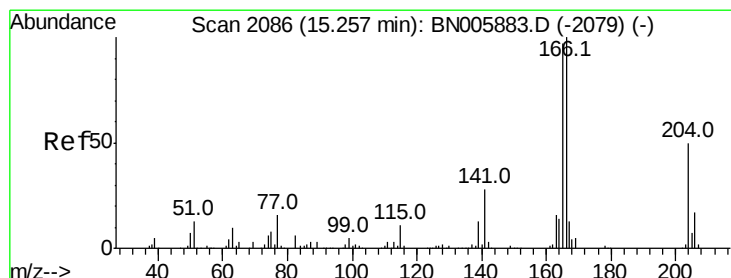
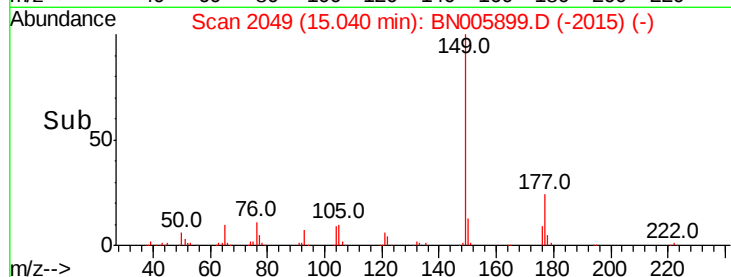
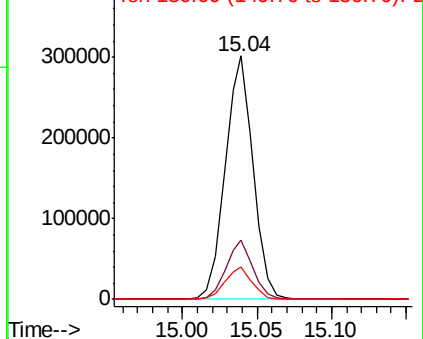
149 100

177 24.2 17.7 26.5

150 13.3 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 41.920 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

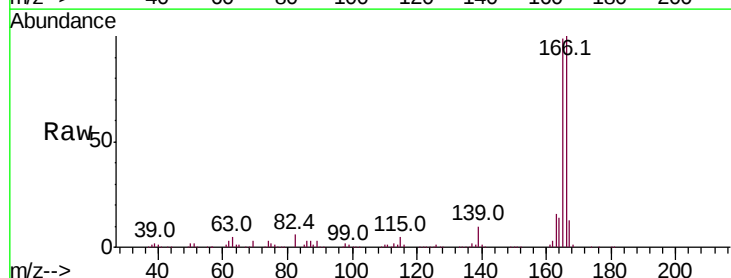
Tgt Ion:166 Resp: 724657

Ion Ratio Lower Upper

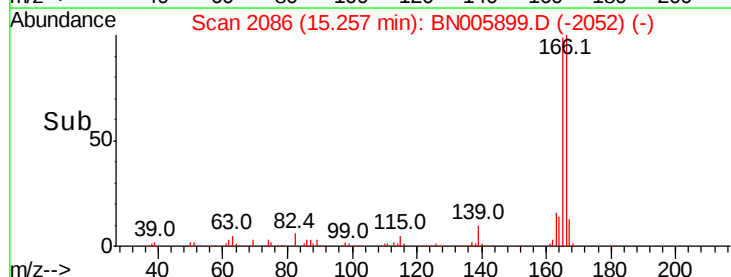
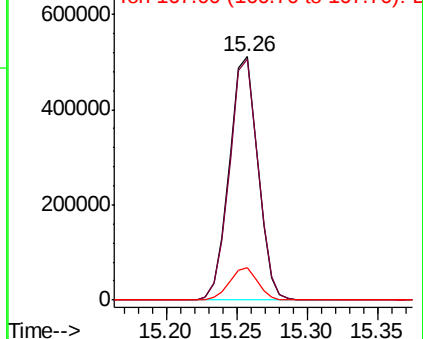
166 100

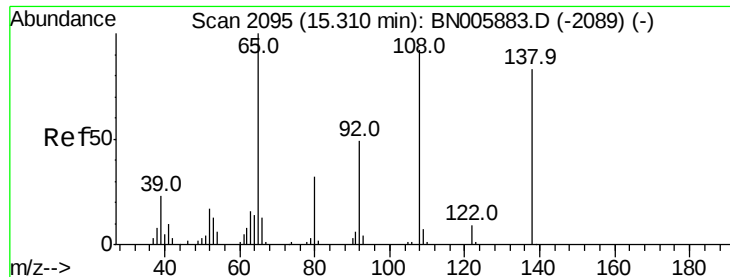
165 99.2 80.0 120.0

167 13.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

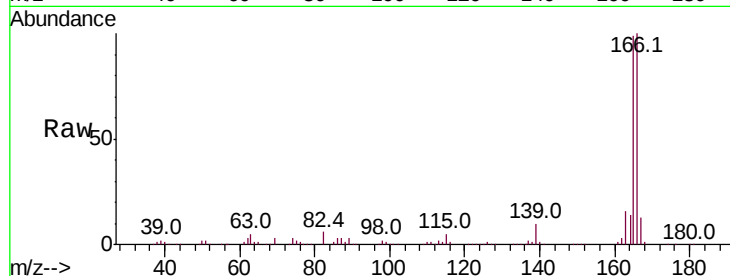




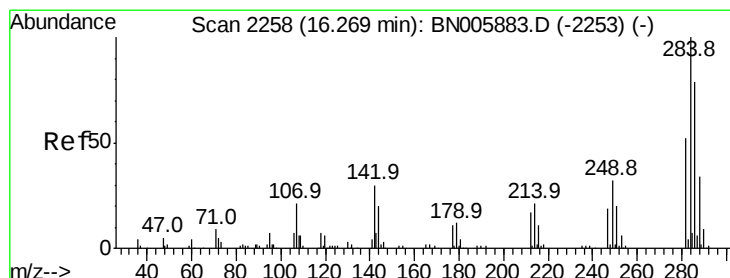
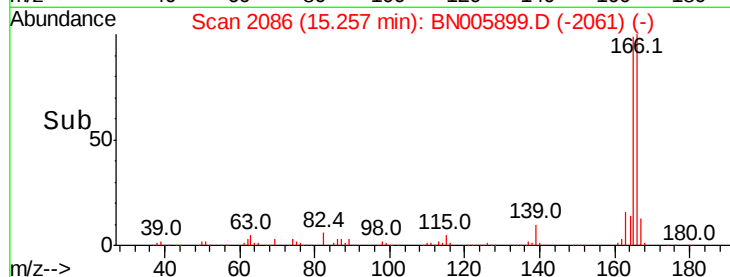
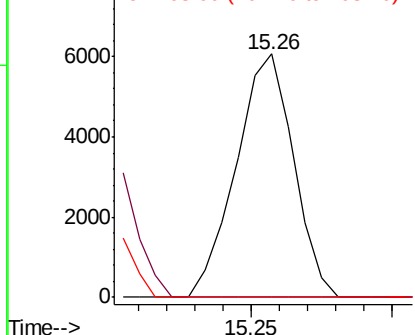
#60
4-Nitroaniline
Concen: 2.321 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. -0.05 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 8557
Ion Ratio Lower Upper
138 100
92 0.0 45.3 67.9#
108 0.0 73.2 109.8#

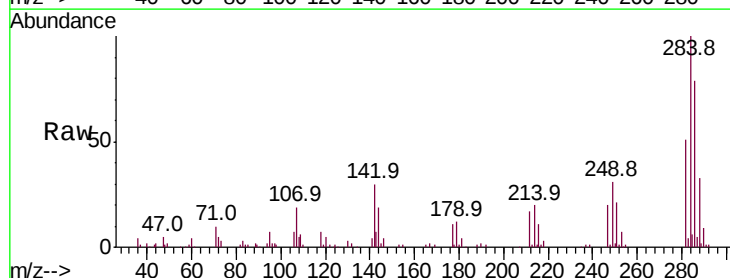


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

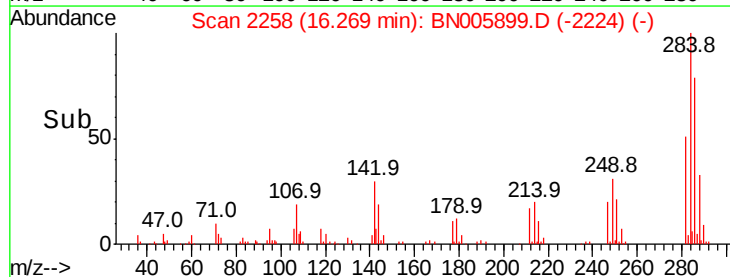
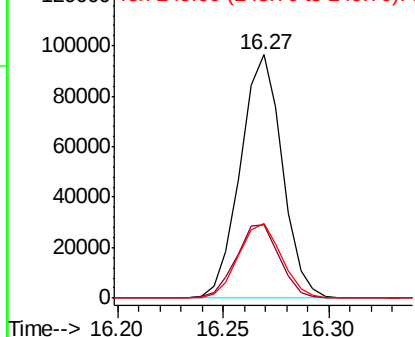


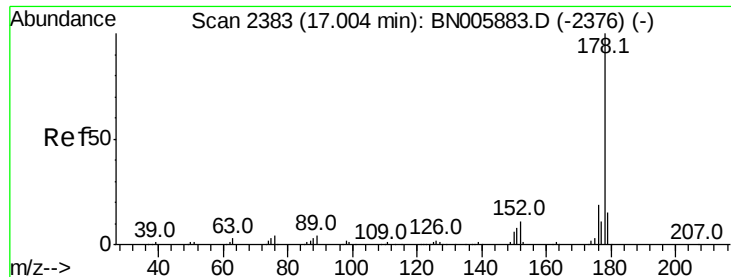
#66
Hexachlorobenzene
Concen: 18.620 ng/ul
RT: 16.27 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

Tgt Ion:284 Resp: 132901
Ion Ratio Lower Upper
284 100
142 30.4 29.4 44.2
249 30.6 26.1 39.1



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Phenanthrene

Concen: 34.278 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

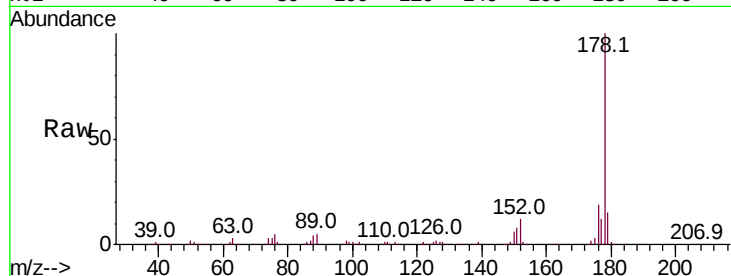
Tot Ion:178 Resp: 1032370

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

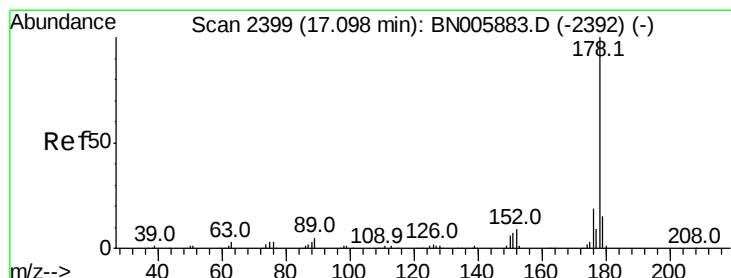
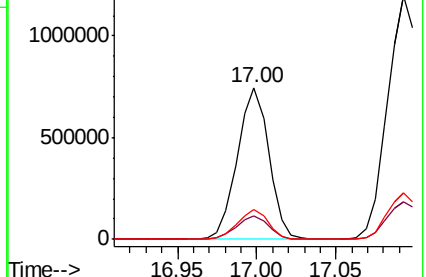
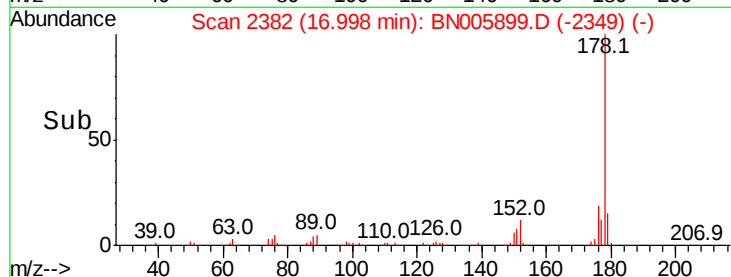
176 19.4 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 57.269 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

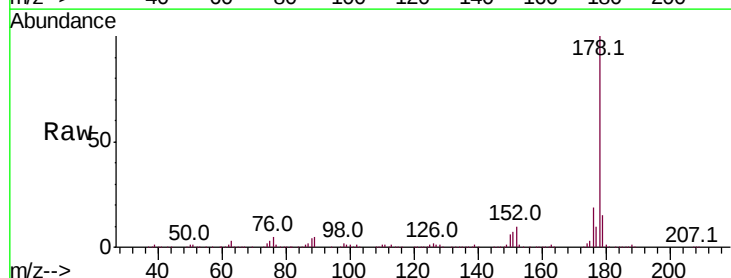
Tgt Ion:178 Resp: 1756195

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

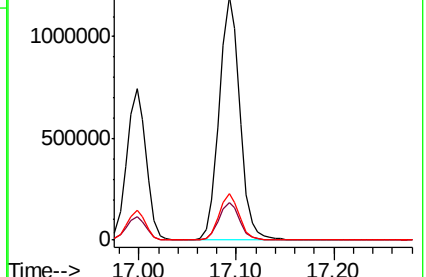
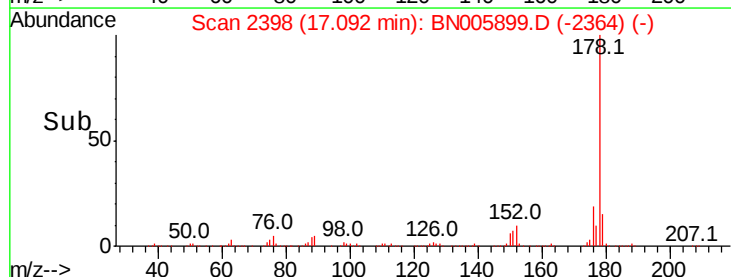
176 18.9 15.1 22.7

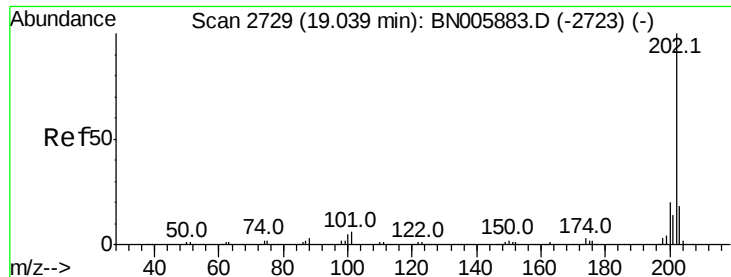


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 33.558 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

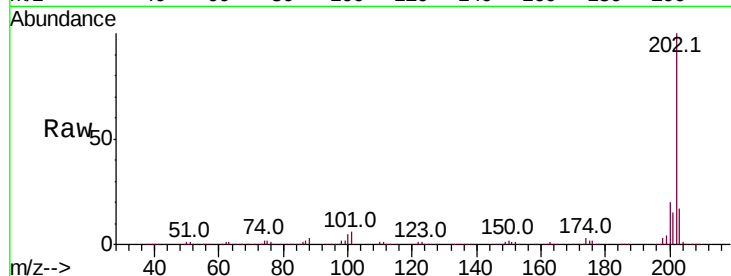
Tot Ion:202 Resp: 1249546

Ion Ratio Lower Upper

202 100

101 5.6 8.6 12.8#

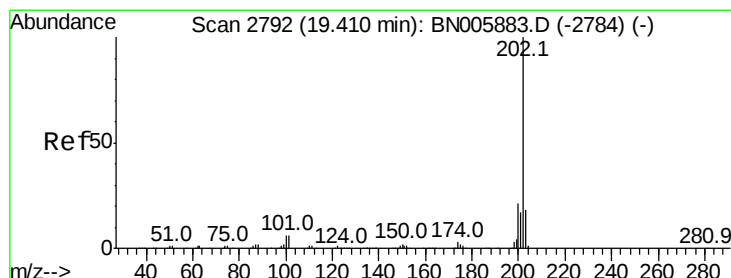
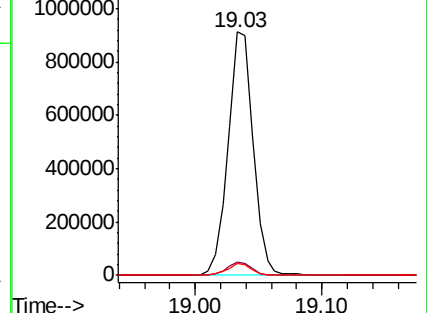
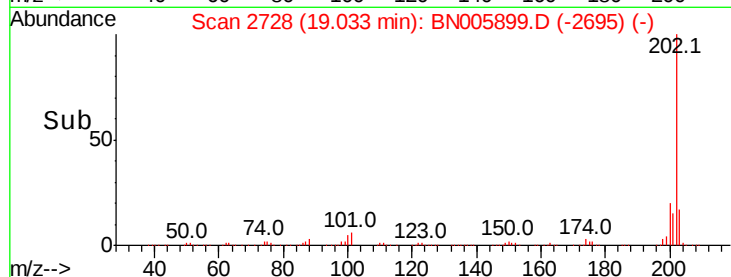
100 4.8 6.3 9.5#



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



#79

Pyrene

Concen: 27.311 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

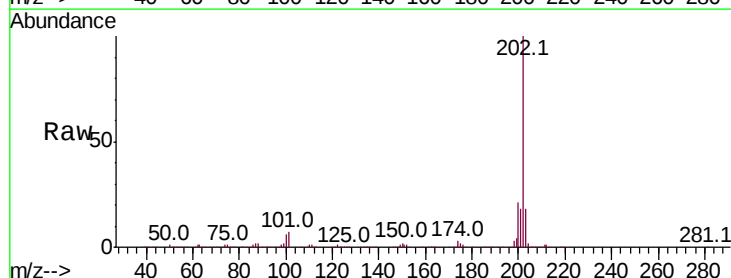
Tgt Ion:202 Resp: 1134585

Ion Ratio Lower Upper

202 100

101 6.5 10.3 15.5#

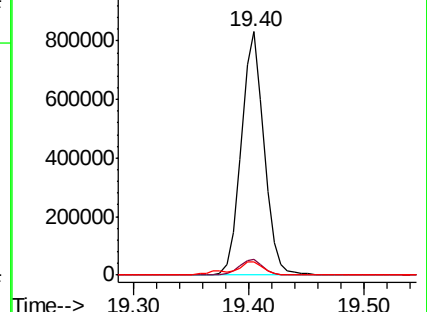
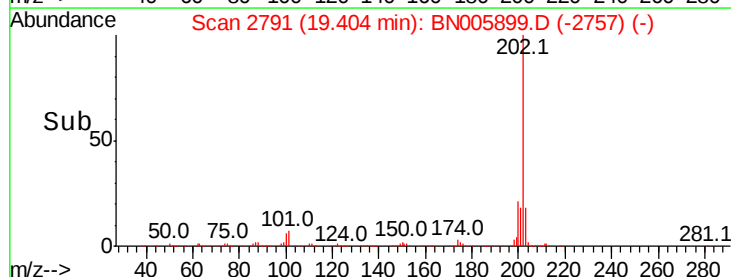
100 5.6 7.9 11.9#

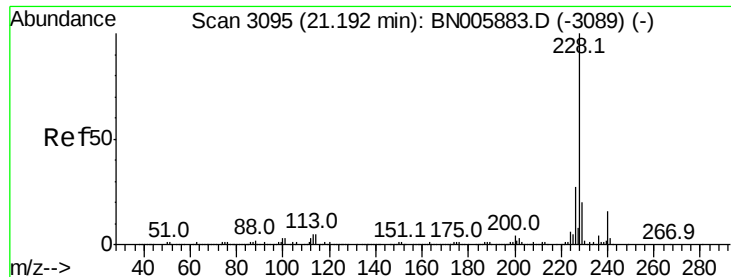


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

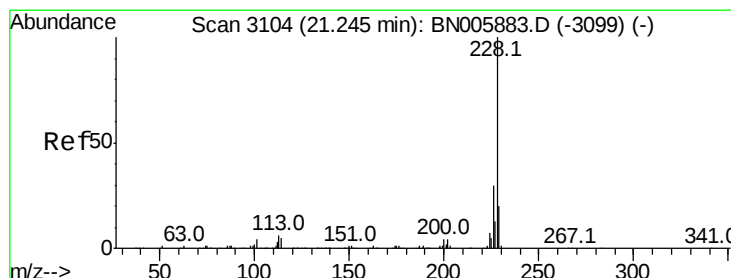
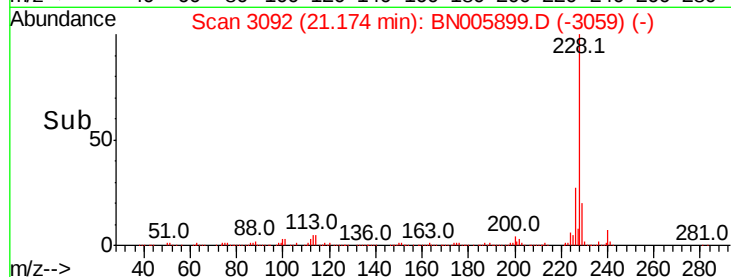
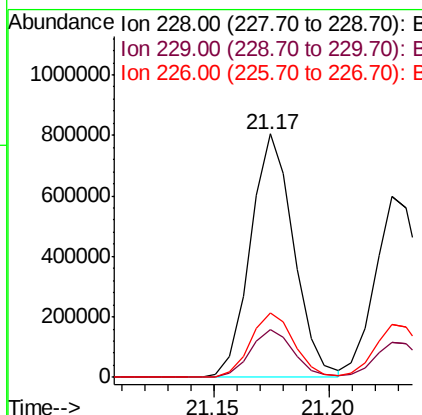
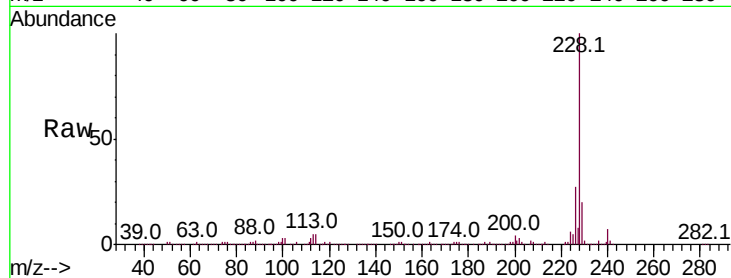




#82
Benzo(a)anthracene
Concen: 24.627 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

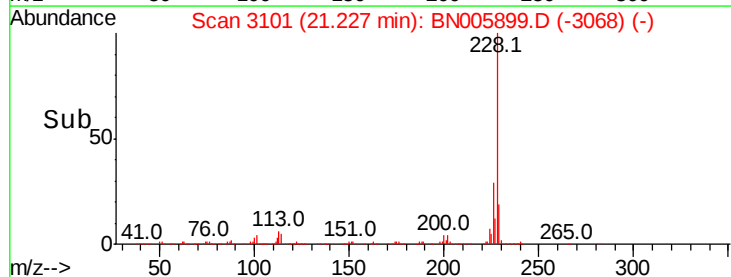
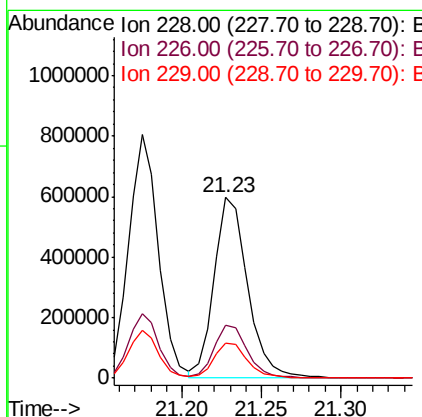
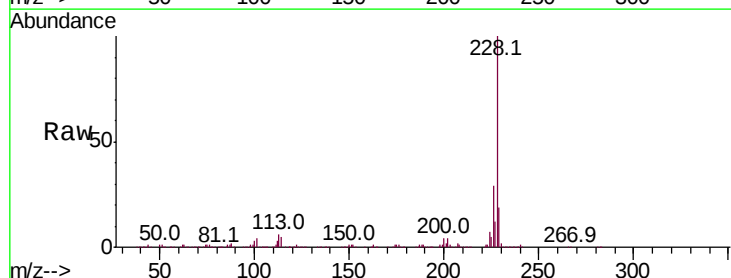
Instrument :
BNA_N
ClientSampleId :

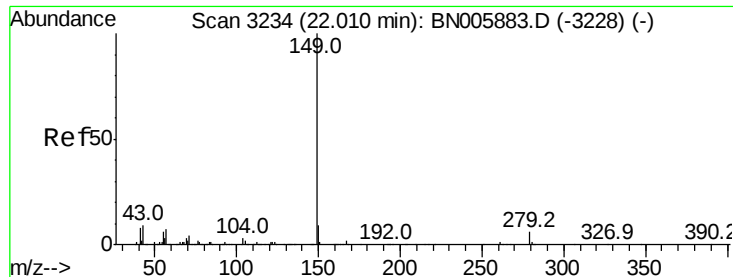
Tot Ion:228 Resp: 1049609
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 26.6 21.4 32.2



#84
Chrysene
Concen: 21.713 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN005899.D
Acq: 24 May 2019 20:36

Tgt Ion:228 Resp: 872366
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 19.3 15.4 23.0





#86

Di-n-octyl phthalate

Concen: 22.652 ng/ul

RT: 21.98 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BN005899.D

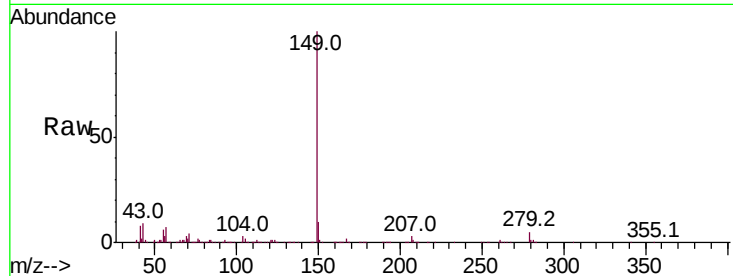
Acq: 24 May 2019 20:36

Instrument :

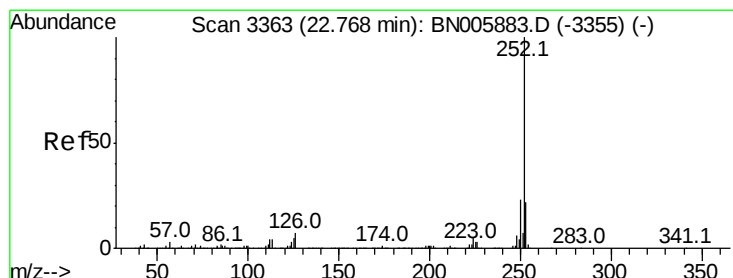
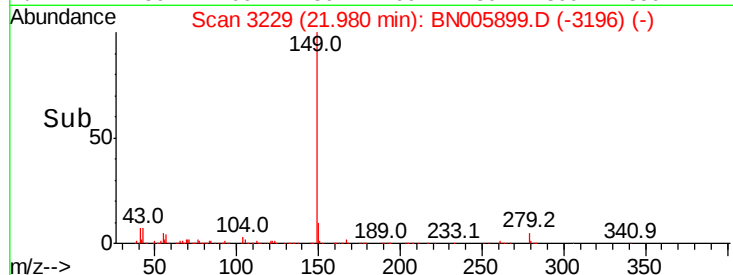
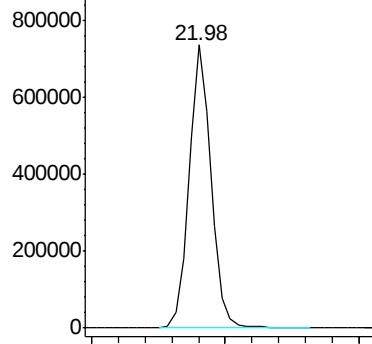
BNA_N

ClientSampleId :

Tgt Ion:149 Resp: 849919



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 46.488 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

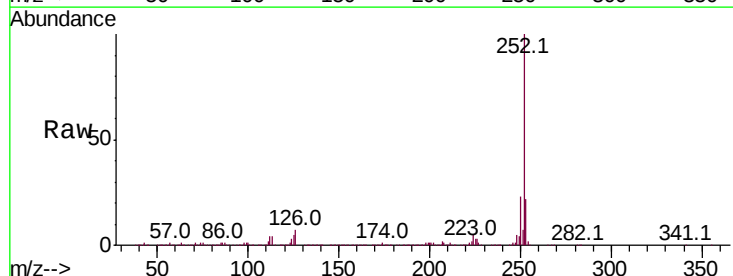
Tgt Ion:252 Resp: 1798434

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

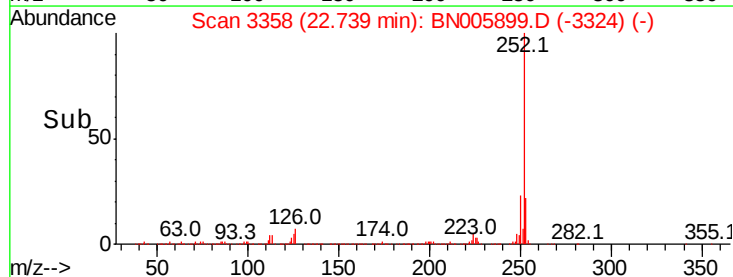
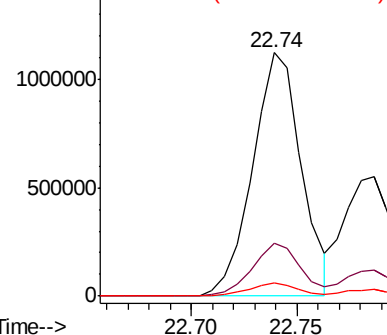
125 5.2 8.4 12.6#

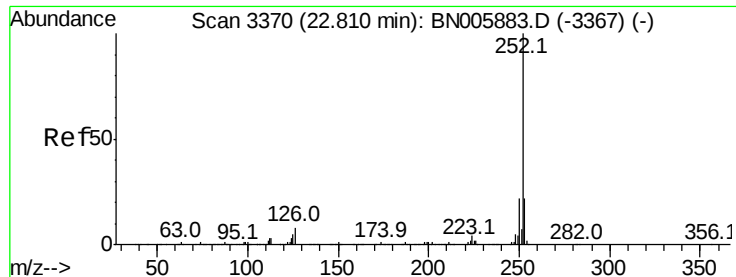


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 24.548 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BN005899.D

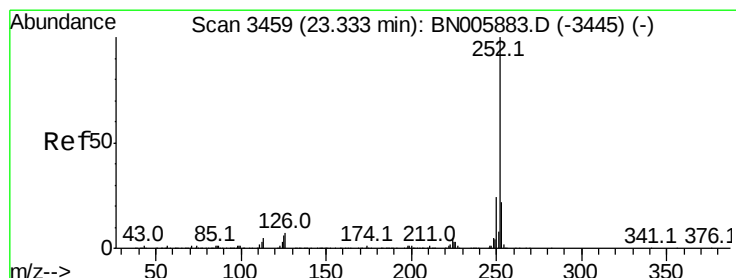
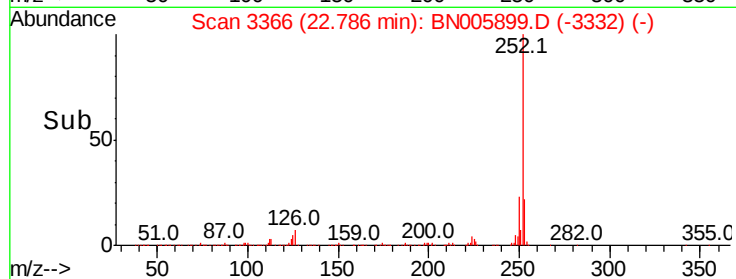
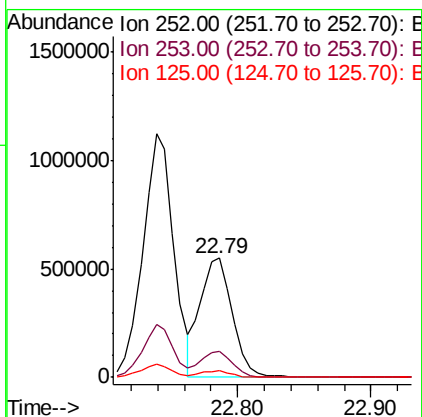
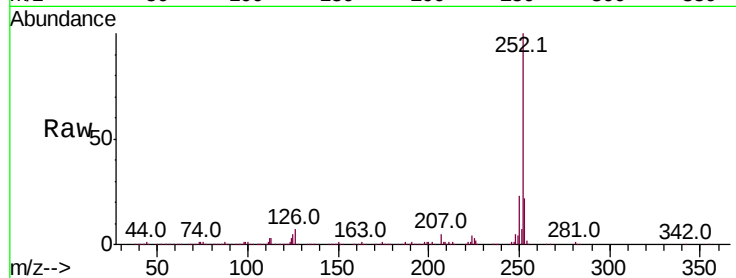
Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampled :

Tot Ion:	252	Resp:	918883
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	5.3	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 26.285 ng/ul

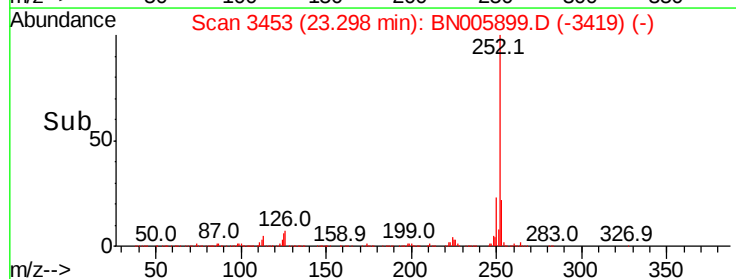
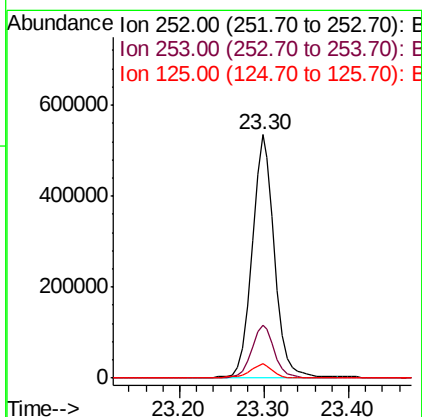
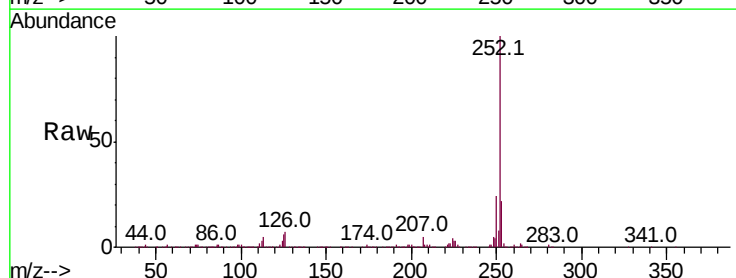
RT: 23.30 min Scan# 3453

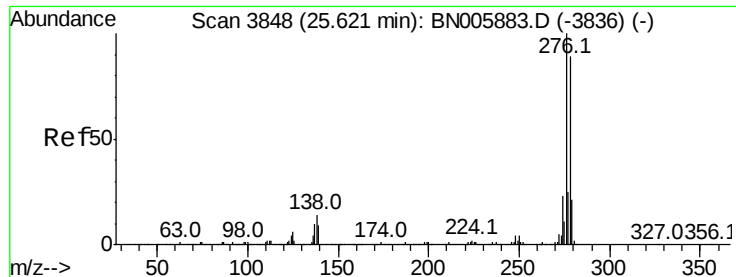
Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Tgt Ion:	252	Resp:	984642
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	5.9	8.6	13.0#

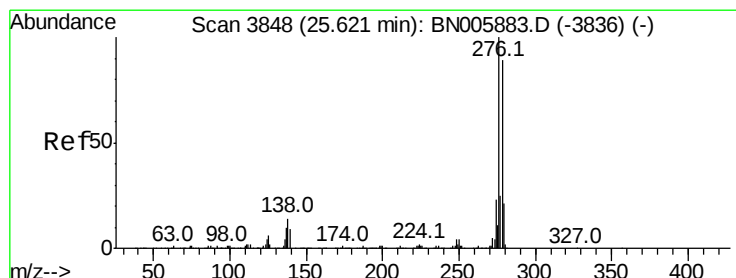
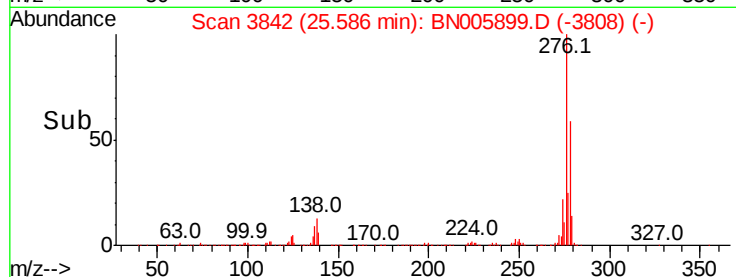
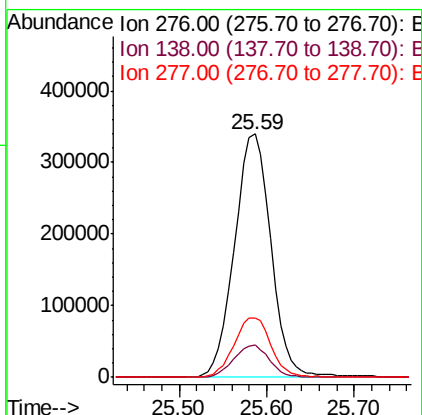
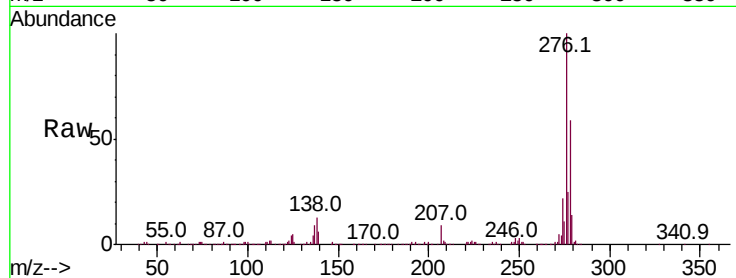




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 20.976 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.00 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

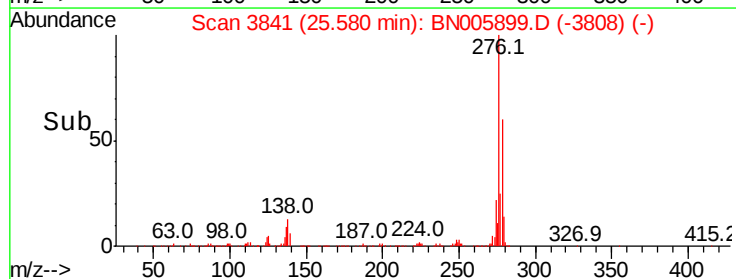
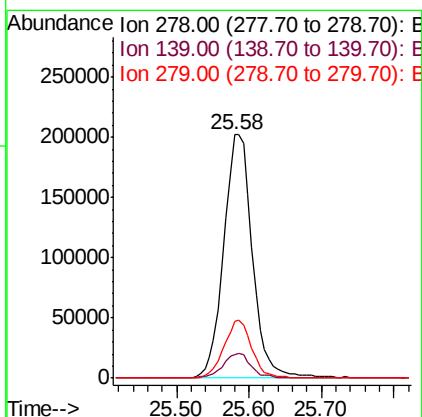
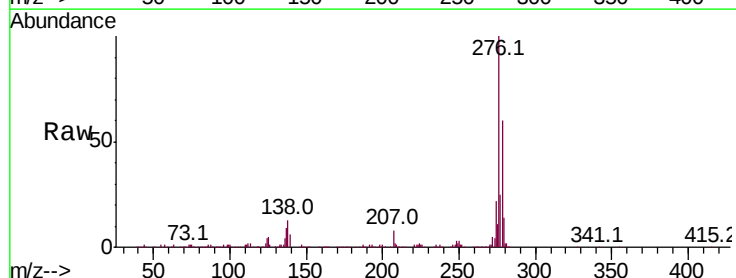
Instrument :
 BNA_N
 ClientSampleId :

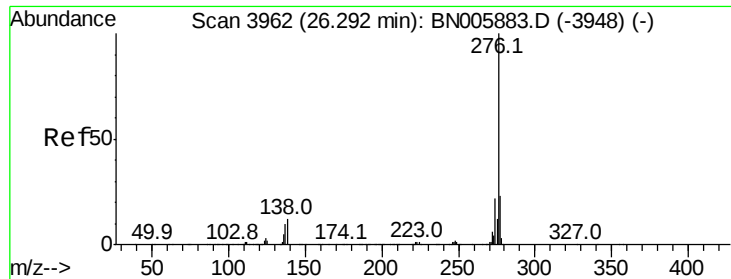
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	17.9	26.9#
277	24.6	19.7	29.5



#92
 Dibenzo(a,h)anthracene
 Concen: 14.436 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.01 min
 Lab File: BN005899.D
 Acq: 24 May 2019 20:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	13.1	19.7#
279	23.5	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 32.748 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.00 min

Lab File: BN005899.D

Acq: 24 May 2019 20:36

Instrument :

BNA_N

ClientSampleId :

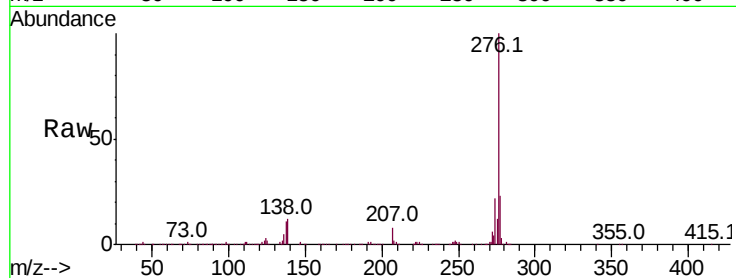
Tot Ion:276 Resp: 1253731

Ion Ratio Lower Upper

276 100

138 11.9 16.7 25.1#

277 23.4 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

