

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004636.D
 Acq On : 07 Mar 2019 14:17
 Operator : JU/SJ
 Sample : SSTD016021
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 14:58:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 06 00:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	34262	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	159626	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.37	164	94715	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.12	188	213194	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	178314	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	171374	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	39436	69.21	ng/uL	-0.02
5) Phenol-d5	6.90	99	452203	148.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	231408	151.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	408620	165.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	392600	149.58	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	203507	192.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	239136	216.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.15	165	428623	171.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	468917	169.54	ng/ul	-0.01
44) Dimethylphthalate-d6	13.79	166	1215451	151.32	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1456271	153.04	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.61	143	238727	155.25	ng/ul	0.03
58) Fluorene-d10	15.37	176	991063	140.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	249019	200.29	ng/ul	0.02
71) Anthracene-d10	17.23	188	1503912	147.19	ng/ul	0.00
79) Pyrene-d10	19.53	212	1565278	195.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1440624	160.18	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	42117	60.062	ng/uL# 93
4) Benzaldehyde	6.88	77	279539	159.476	ng/ul 98
6) Phenol	6.93	94	458502	150.389	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.17	93	331727	152.107	ng/ul 100
10) 2-Chlorophenol	7.30	128	405102	164.320	ng/ul 98
11) 2-Methylphenol	8.17	108	365250	149.784	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	366744	141.883	ng/ul 98
14) Acetophenone	8.56	105	549730	140.548	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.57	70	249367	148.618	ng/ul 96
16) 4-Methylphenol	8.52	108	406381	150.566	ng/ul 100
17) Hexachloroethane	8.79	117	148599	172.156	ng/ul 90
20) Nitrobenzene	8.95	77	393282	170.105	ng/ul 97
21) Isophorone	9.48	82	781749	165.061	ng/ul 98
23) 2-Nitrophenol	9.65	139	245581	198.474	ng/ul 99
24) 2,4-Dimethylphenol	9.70	107	447555	160.353	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	475585	154.757	ng/ul 100
27) 2,4-Dichlorophenol	10.17	162	411697	166.732	ng/ul 99
28) Naphthalene	10.57	128	1218298	148.029	ng/ul 99
30) 4-Chloroaniline	10.69	127	466171	168.386	ng/ul 100
31) Hexachlorobutadiene	10.83	225	272610	170.766	ng/ul 99
32) Caprolactam	11.53	113	81163	97.343	ng/ul 97
33) 4-Chloro-3-methylphenol	11.82	107	427034	160.352	ng/ul 100
34) 2-Methylnaphthalene	12.18	142	890125	140.997	ng/ul 98

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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	835324	134.175	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	527551	167.315	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	393657	200.807	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	355333	190.729	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	383957	183.455	ng/ul	95
41) 1,1'-Biphenyl	13.20	154	1144449	149.542	ng/ul	98
42) 2-Chloronaphthalene	13.25	162	911718	153.157	ng/ul	100
43) 2-Nitroaniline	13.47	65	243237	200.168	ng/ul	97
45) Dimethylphthalate	13.85	163	1176544	148.164	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	273318	195.225	ng/ul	93
48) Acenaphthylene	14.10	152	1377849	152.484	ng/ul	99
49) 3-Nitroaniline	14.30	138	233278	163.265	ng/ul	97
50) Acenaphthene	14.44	153	946206	145.365	ng/ul	98
51) 2,4-Dinitrophenol	14.51	184	197158	226.357	ng/ul	98
53) 4-Nitrophenol	14.63	109	174088	152.249	ng/ul	97
54) Dibenzofuran	14.78	168	1318300	140.013	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	366434	166.847	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.00	232	352510	184.600	ng/ul	96
57) Diethylphthalate	15.21	149	1176427	150.129	ng/ul	98
59) Fluorene	15.43	166	1029603	134.941	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	569176	140.975	ng/ul	99
61) 4-Nitroaniline	15.50	138	280749	150.975	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	258138	197.499	ng/ul#	94
65) N-Nitrosodiphenylamine	15.65	169	953624	156.190	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	421478	176.930	ng/ul	96
67) Hexachlorobenzene	16.42	284	479343	171.787	ng/ul	97
68) Atrazine	16.60	200	386011	164.153	ng/ul	99
69) Pentachlorophenol	16.77	266	322017	197.981	ng/ul	98
70) Phenanthrene	17.17	178	1689847	142.860	ng/ul	99
72) Anthracene	17.26	178	1701469	142.874	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	519981	177.816	ng/uL	99
74) Pentachlorobenzene	14.69	250	537735	172.042	ng/uL	99
75) Carbazole	17.53	167	1518022	142.671	ng/ul	99
76) Di-n-butylphthalate	18.08	149	1880084	160.953	ng/ul	99
77) Fluoranthene	19.19	202	1892495	129.962	ng/ul	98
80) Pvrene	19.56	202	1855598	188.177	ng/ul	98
81) Butylbenzylphthalate	20.45	149	775675	228.911	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	629316	168.263	ng/ul	99
83) Benzo(a)anthracene	21.30	228	1676477	152.547	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.22	149	1047693	206.284	ng/ul#	97
85) Chrysene	21.36	228	1531929	146.837	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1648516	200.915	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1662611	163.816	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	1492982	151.317	ng/ul	99
91) Benzo(a)pyrene	23.50	252	1523335	153.821	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	1873809	149.015	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	1549293	148.088	ng/ul	98
94) Benzo(a,h,i)perylene	26.60	276	1566515	148.640	ng/ul	97

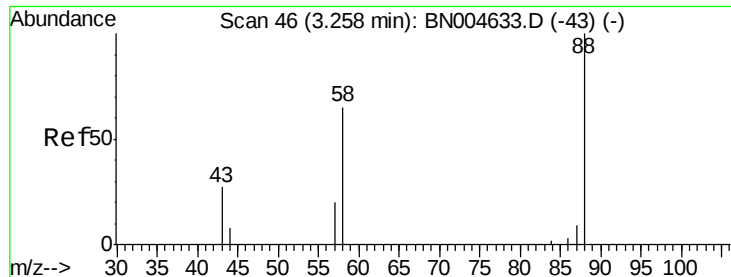
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 60.062 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampled :

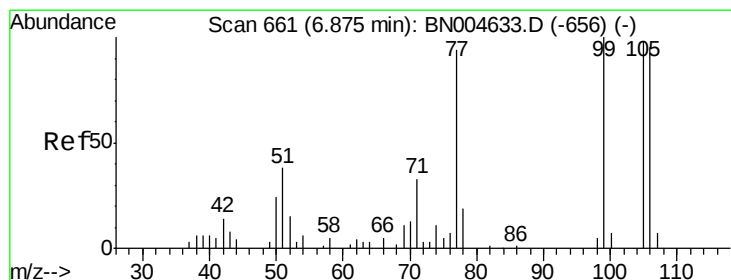
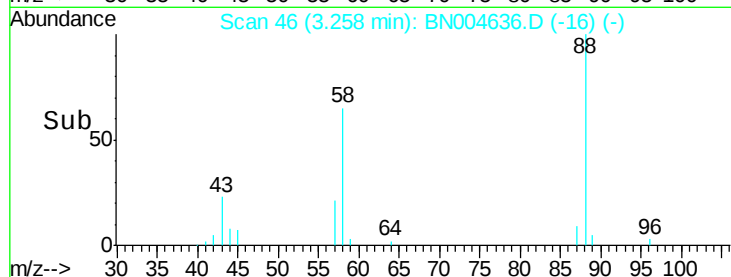
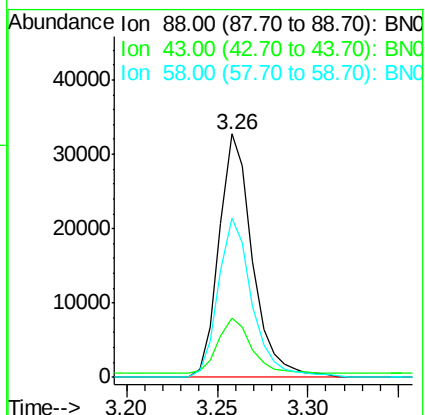
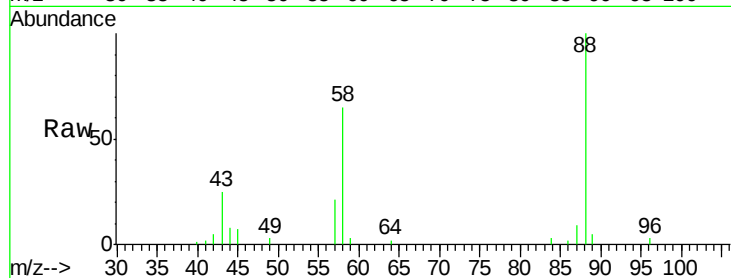
Tot Ion: 88 Resp: 42117

Ion Ratio Lower Upper

88 100

43 24.5 25.6 38.4#

58 65.3 54.6 82.0



#4

Benzaldehyde

Concen: 159.476 ng/uL

RT: 6.88 min Scan# 662

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

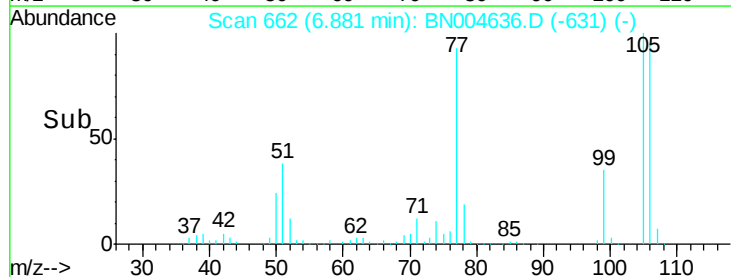
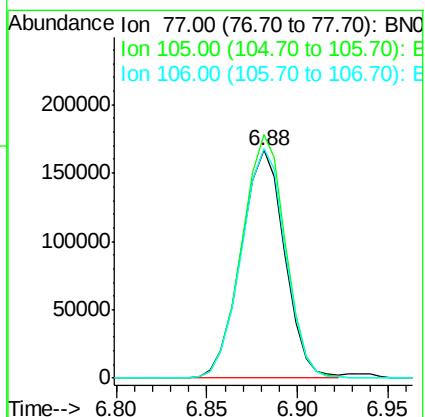
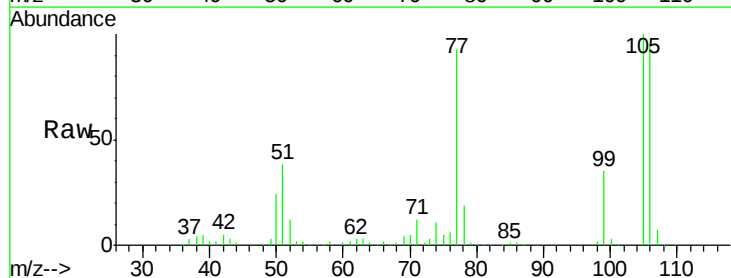
Tgt Ion: 77 Resp: 279539

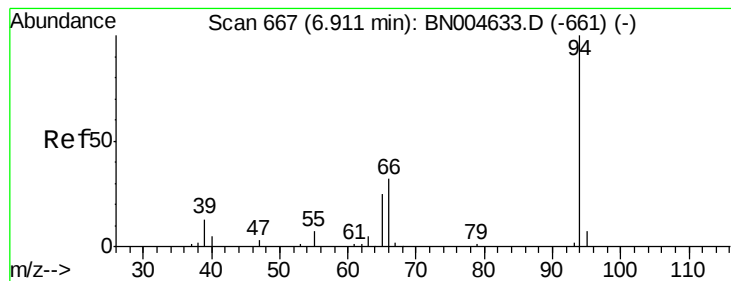
Ion Ratio Lower Upper

77 100

105 107.0 85.4 128.0

106 101.1 84.8 127.2





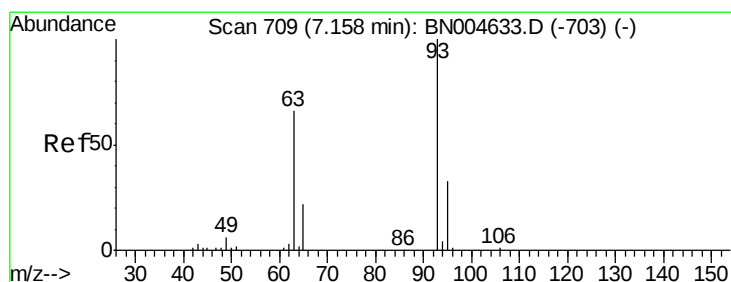
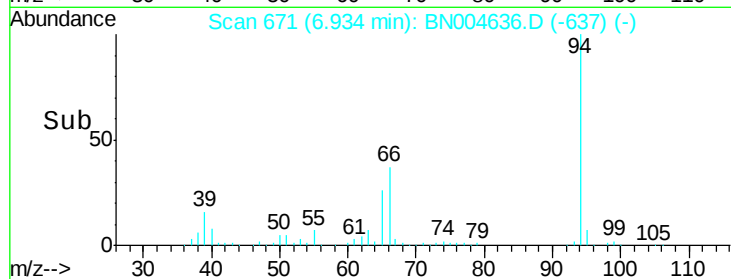
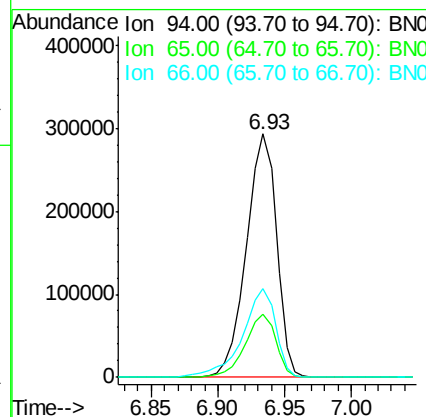
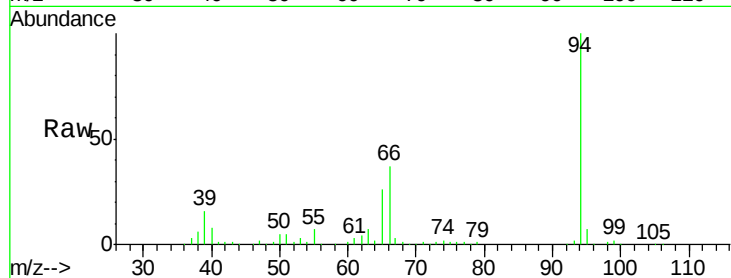
#6

Phenol

Concen: 150.389 ng/ul
 RT: 6.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.0	20.2	30.4
66	36.6	28.2	42.2

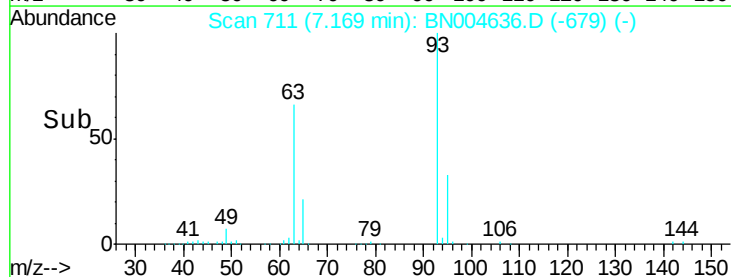
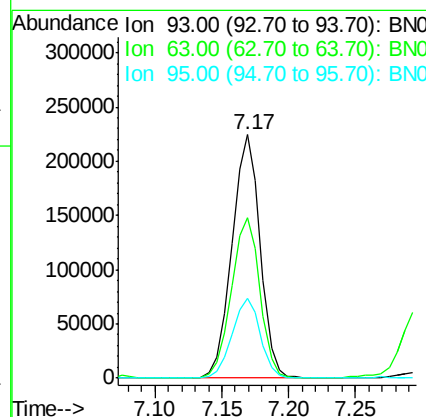
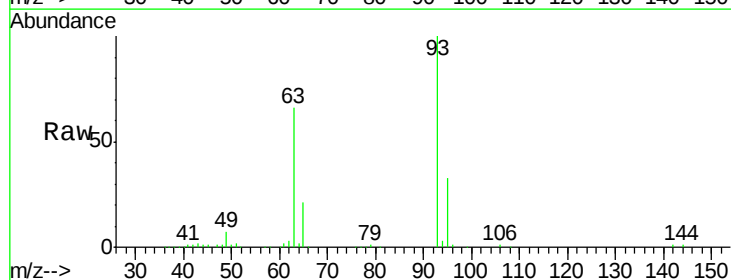


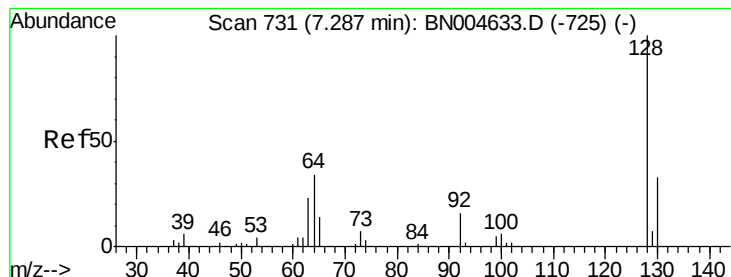
#8

Bis(2-Chloroethyl)ether

Concen: 152.107 ng/ul
 RT: 7.17 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.0	52.8	79.2
95	32.7	25.9	38.9





#10

2-Chlorophenol

Concen: 164.320 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

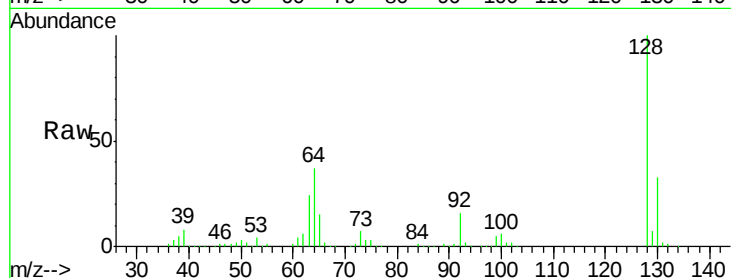
Tot Ion:128 Resp: 405102

Ion Ratio Lower Upper

128 100

64 37.1 31.0 46.6

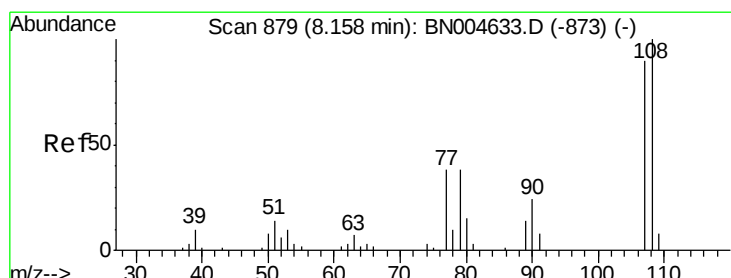
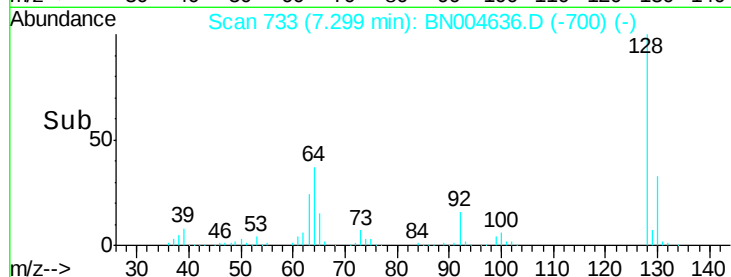
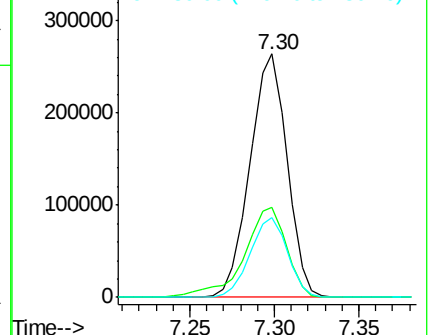
130 32.7 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 149.784 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BN004636.D

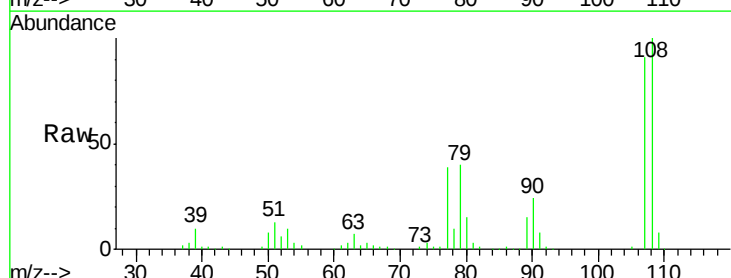
Acq: 07 Mar 2019 14:17

Tgt Ion:108 Resp: 365250

Ion Ratio Lower Upper

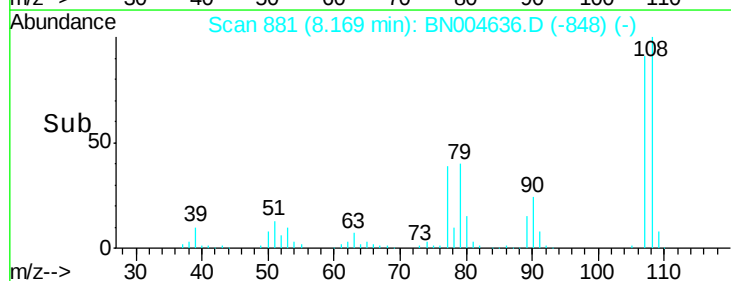
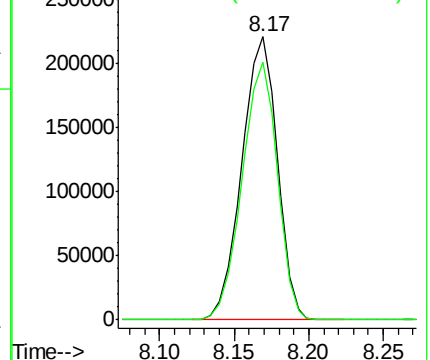
108 100

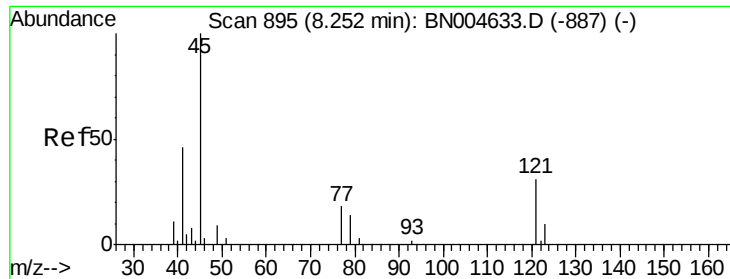
107 91.0 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 141.883 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

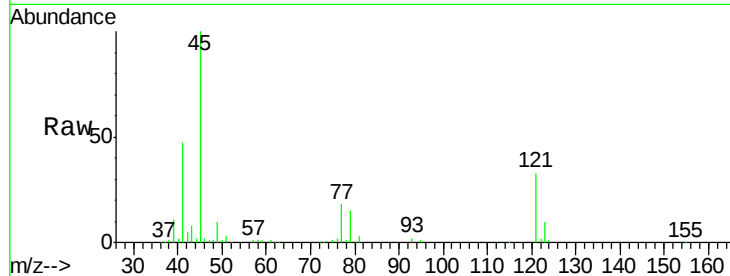
Tot Ion: 45 Resp: 366744

Ion Ratio Lower Upper

45 100

77 18.1 14.1 21.1

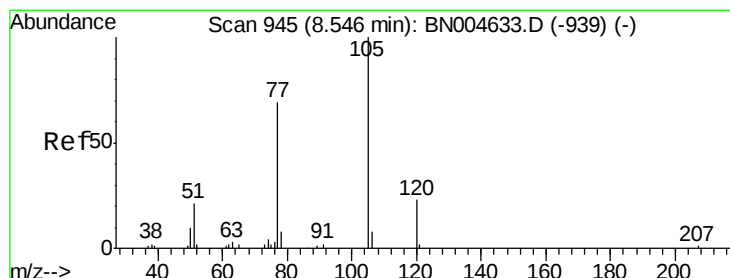
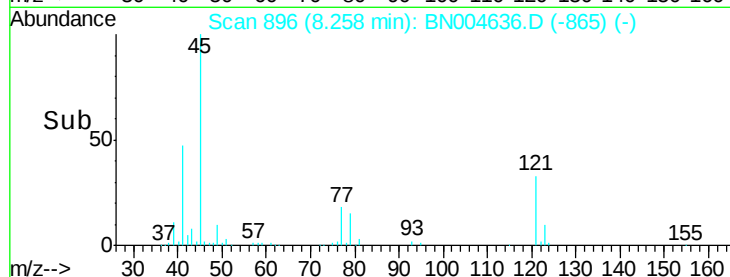
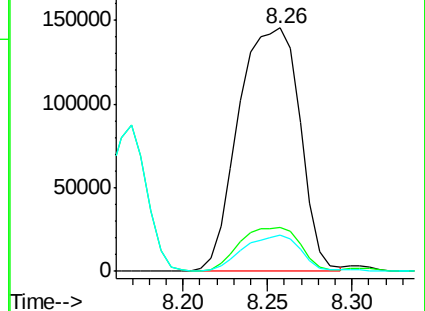
79 14.6 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): BN004636.D (-887) (-)

Ion 77.00 (76.70 to 77.70): BN004636.D (-887) (-)

Ion 79.00 (78.70 to 79.70): BN004636.D (-887) (-)



#14

Acetophenone

Concen: 140.548 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

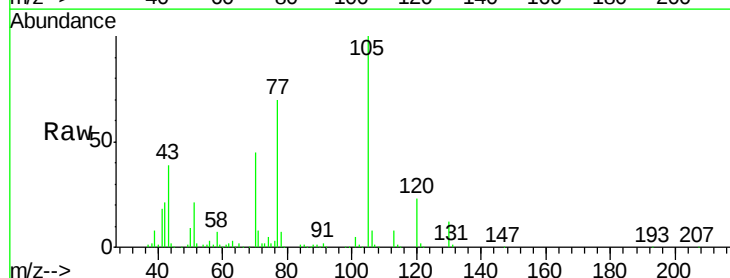
Tgt Ion: 105 Resp: 549730

Ion Ratio Lower Upper

105 100

77 70.4 56.1 84.1

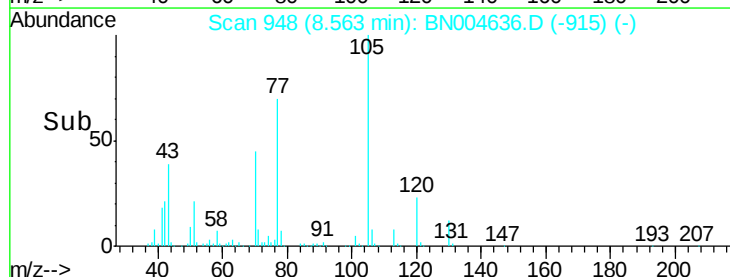
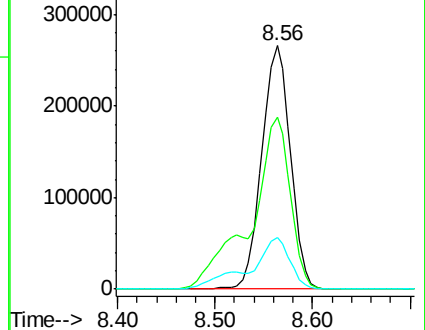
51 21.0 17.2 25.8

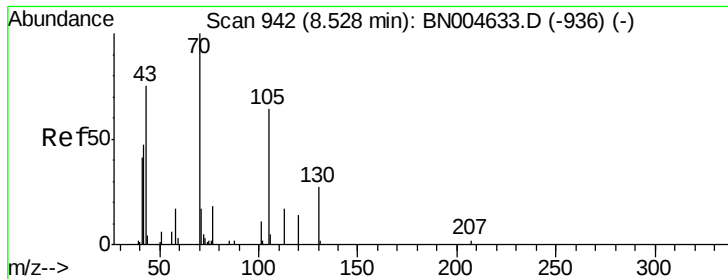


Abundance Ion 105.00 (104.70 to 105.70): BN004636.D (-939) (-)

Ion 77.00 (76.70 to 77.70): BN004636.D (-939) (-)

Ion 51.00 (50.70 to 51.70): BN004636.D (-939) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 148.618 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. 0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 249367

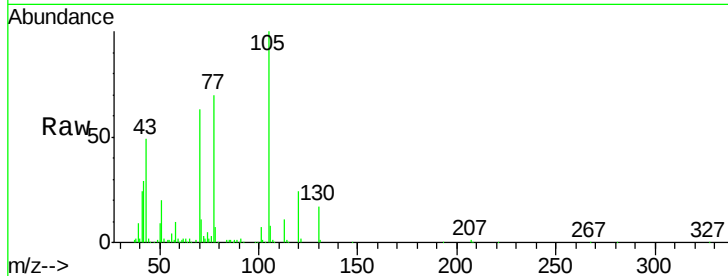
Ion Ratio Lower Upper

70 100

42 46.0 38.6 58.0

101 11.4 8.4 12.6

130 27.1 19.9 29.9

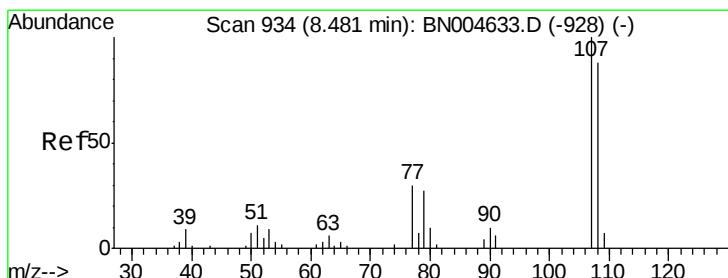
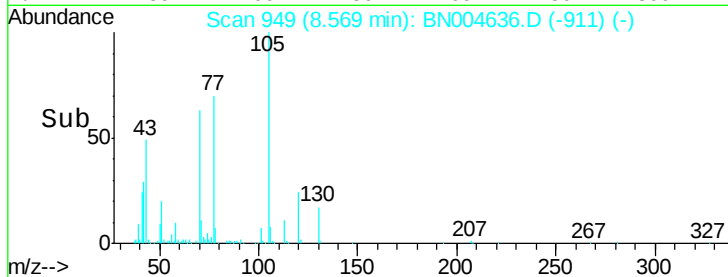
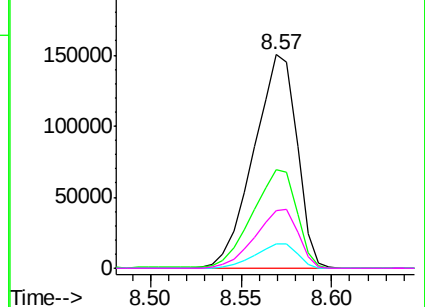


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 150.566 ng/ul

RT: 8.52 min Scan# 941

Delta R.T. 0.02 min

Lab File: BN004636.D

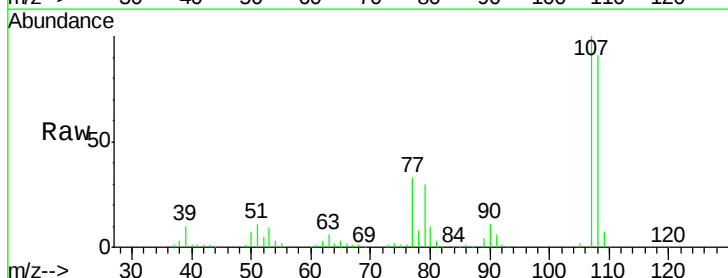
Acq: 07 Mar 2019 14:17

Tgt Ion: 108 Resp: 406381

Ion Ratio Lower Upper

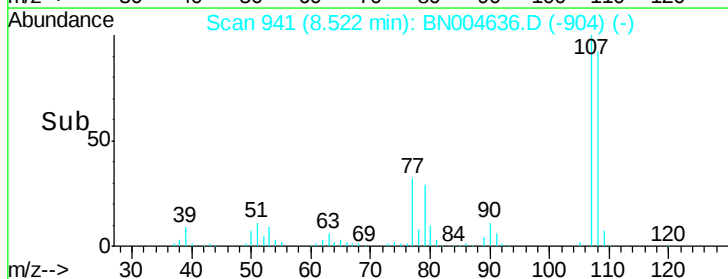
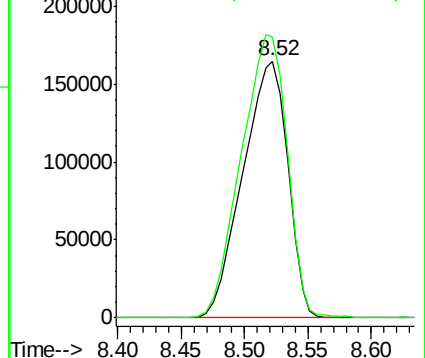
108 100

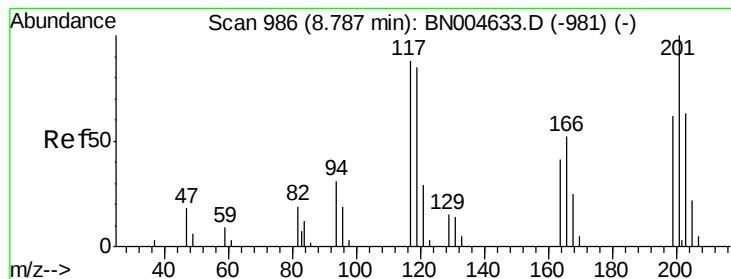
107 109.6 87.8 131.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 172.156 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

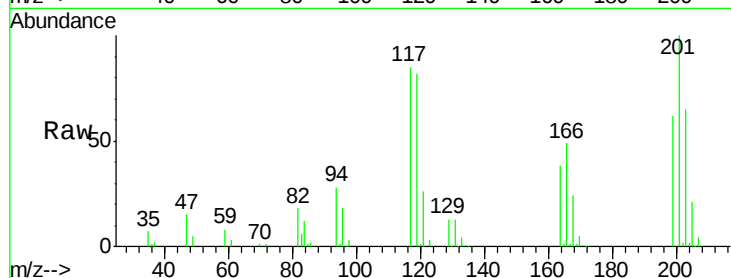
Tot Ion:117 Resp: 148599

Ion Ratio Lower Upper

117 100

201 117.9 85.0 127.6

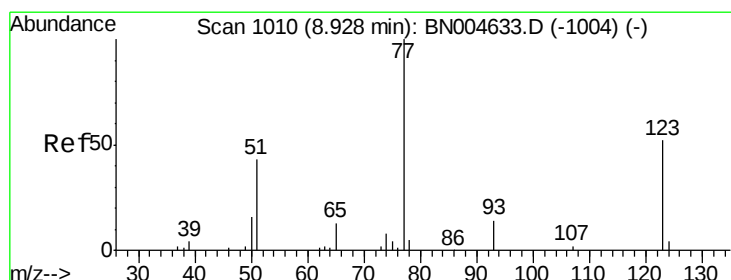
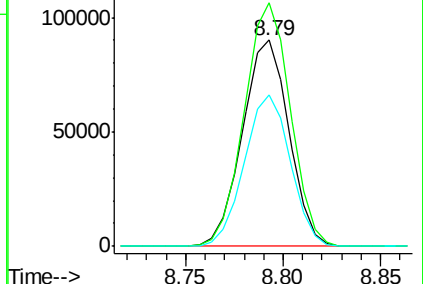
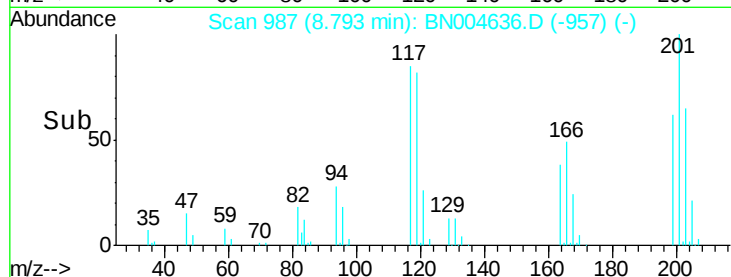
199 73.4 53.8 80.8



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



#20

Nitrobenzene

Concen: 170.105 ng/ul

RT: 8.95 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

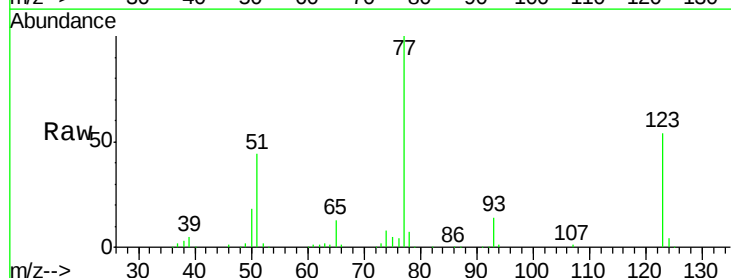
Tgt Ion: 77 Resp: 393282

Ion Ratio Lower Upper

77 100

123 54.0 41.6 62.4

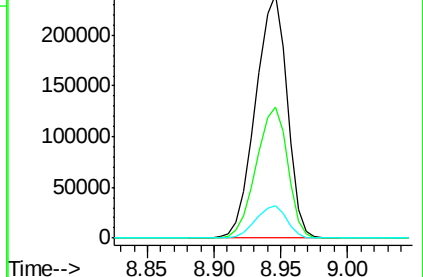
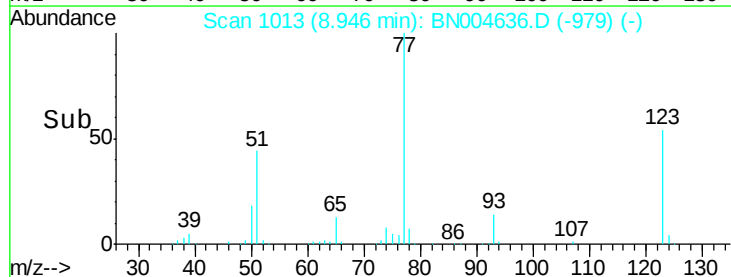
65 13.2 10.2 15.4

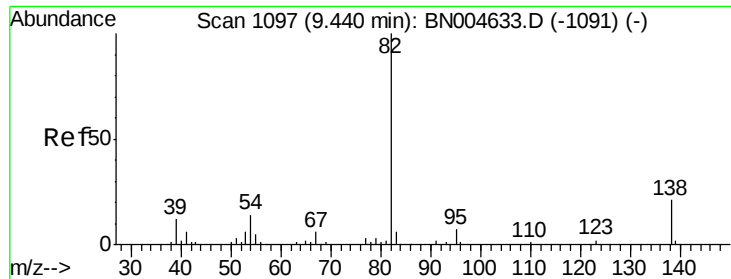


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 165.061 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampled :

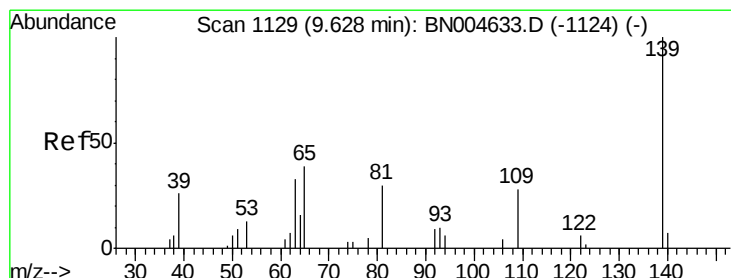
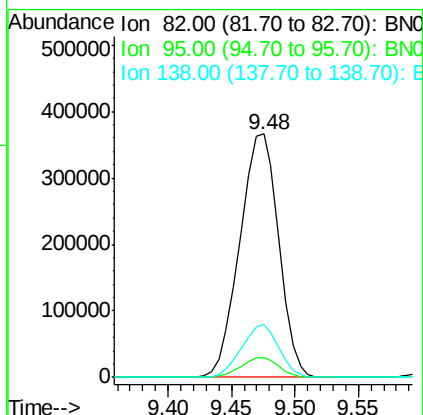
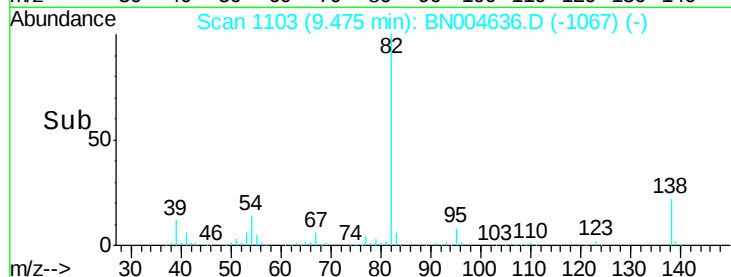
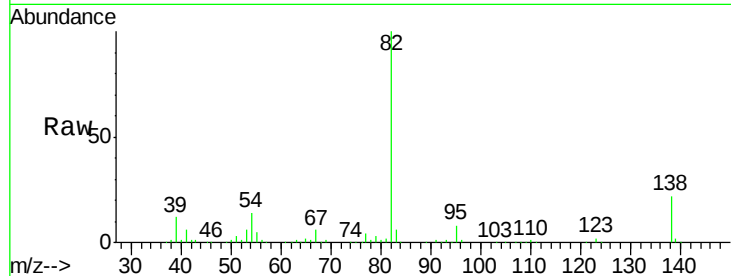
Tot Ion: 82 Resp: 781749

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.4

138 21.8 16.5 24.7



#23

2-Nitrophenol

Concen: 198.474 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

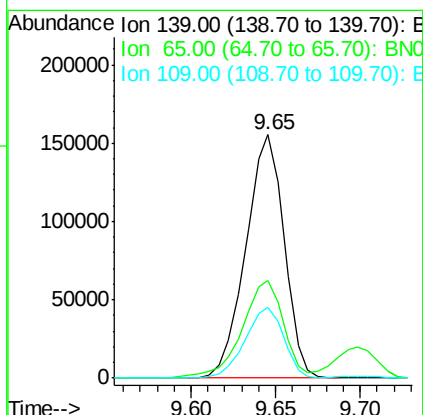
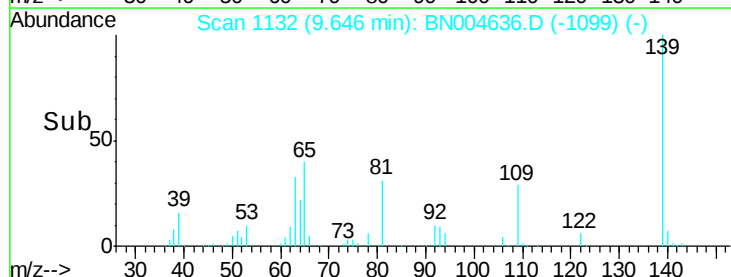
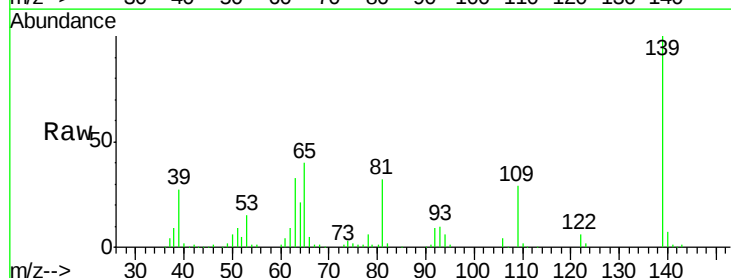
Tgt Ion: 139 Resp: 245581

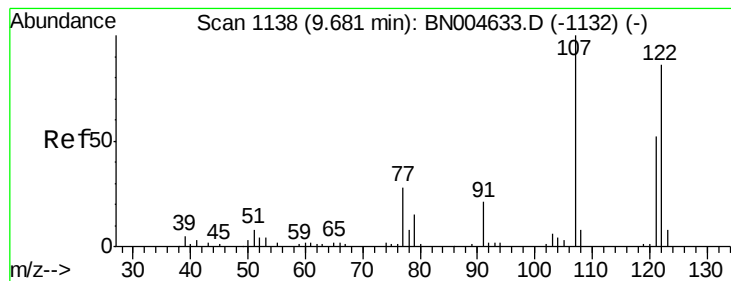
Ion Ratio Lower Upper

139 100

65 40.2 32.7 49.1

109 29.2 22.8 34.2

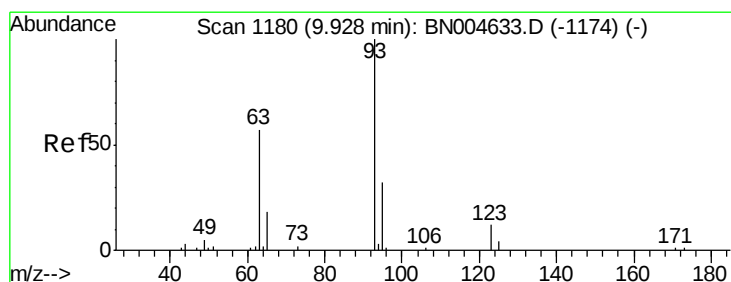
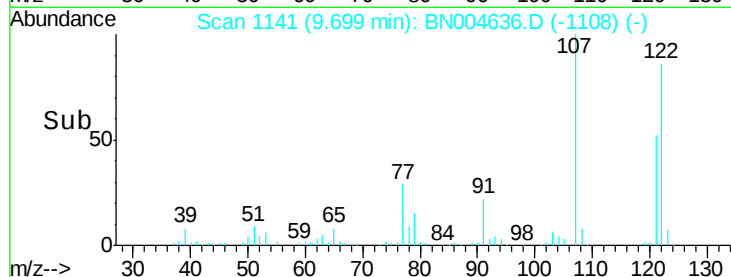
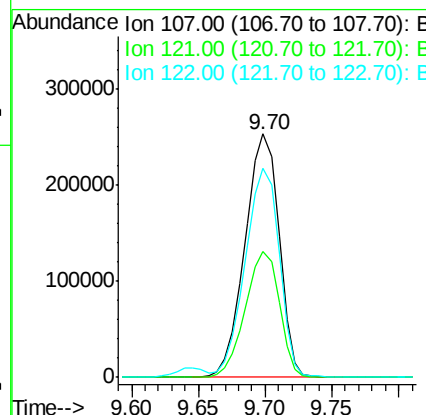
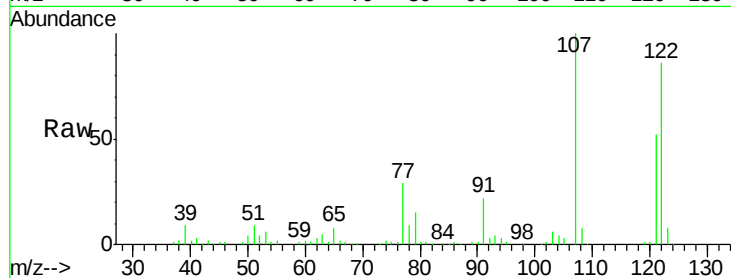




#24
 2,4-Dimethylphenol
 Concen: 160.353 ng/ul
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

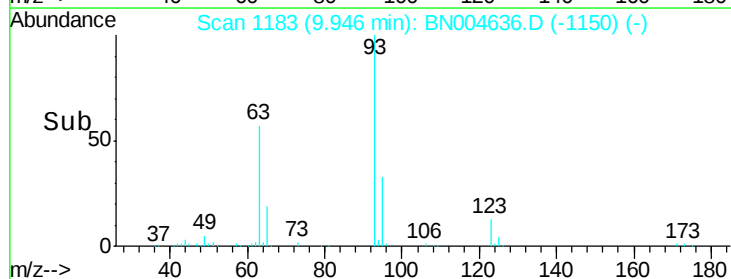
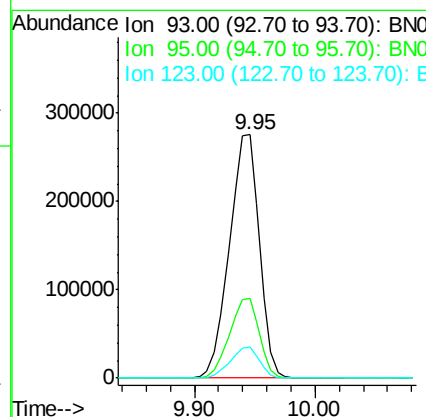
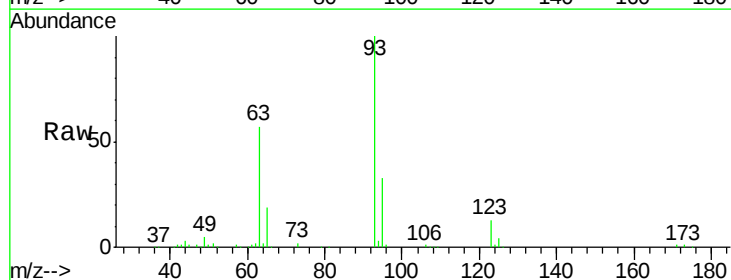
Instrument :
 BNA_N
 ClientSampleId :

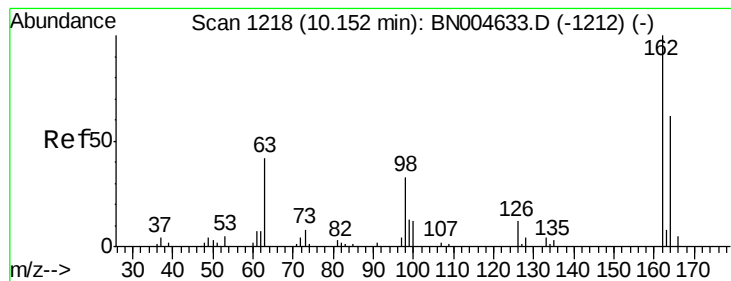
Tot Ion	Ratio	Lower	Upper
107	100		
121	51.6	41.5	62.3
122	85.7	69.0	103.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 154.757 ng/ul
 RT: 9.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.7	10.0	15.0





#27

2,4-Dichlorophenol

Concen: 166.732 ng/ul

RT: 10.17 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

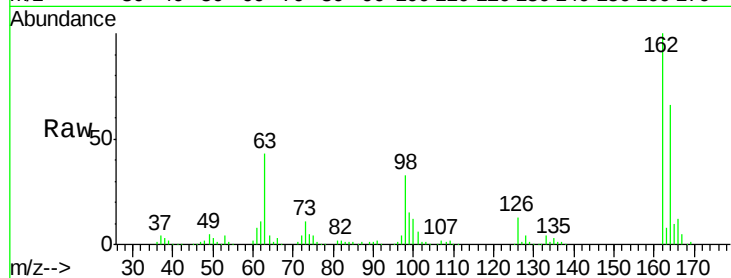
Tot Ion:162 Resp: 411697

Ion Ratio Lower Upper

162 100

164 65.8 53.0 79.4

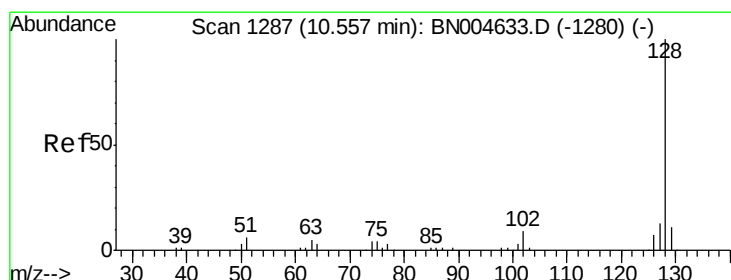
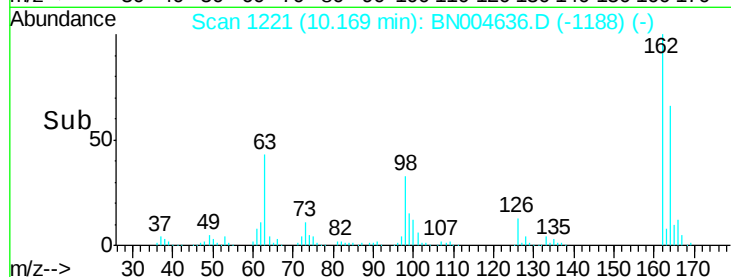
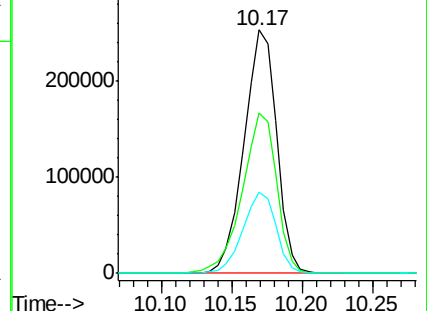
98 33.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 148.029 ng/ul

RT: 10.57 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

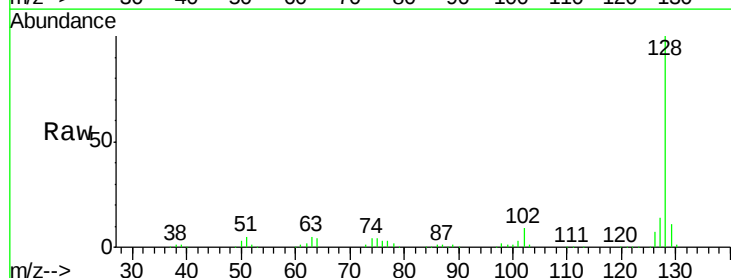
Tgt Ion:128 Resp: 1218298

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

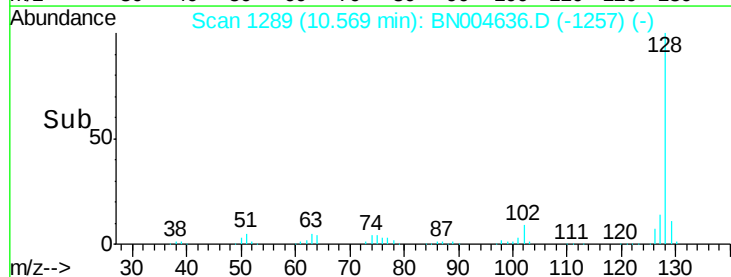
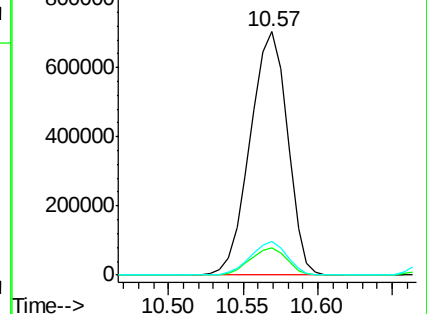
127 13.6 10.2 15.4

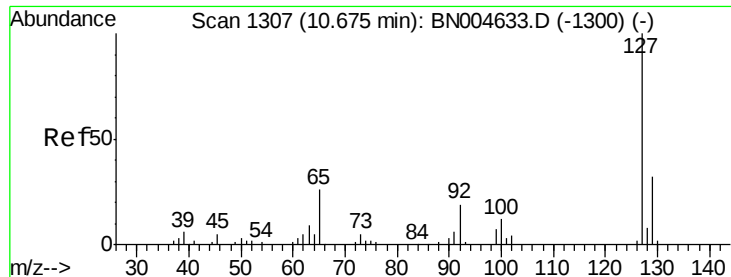


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

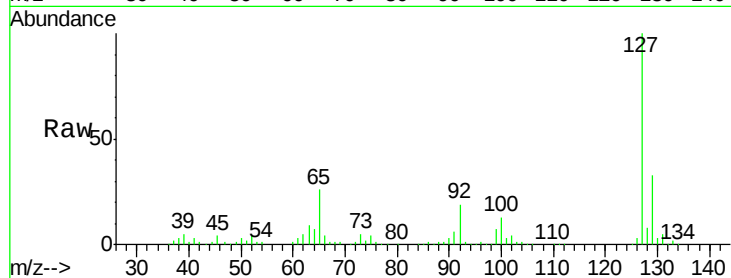




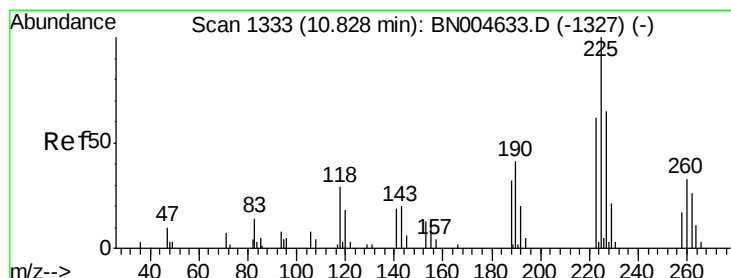
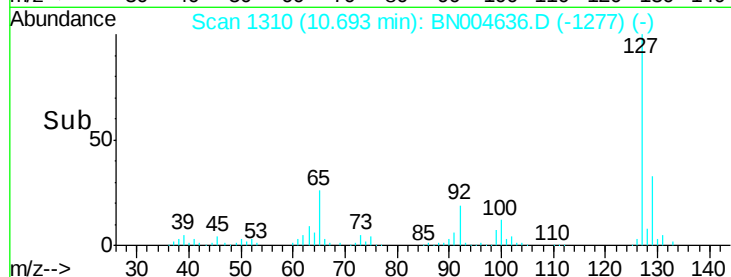
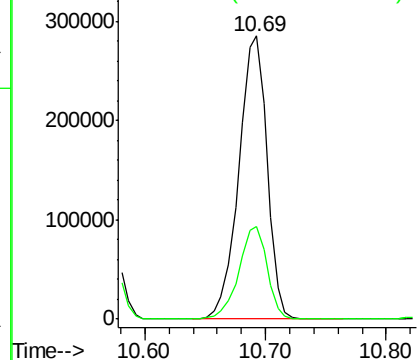
#30
4-Chloroaniline
Concen: 168.386 ng/ul
RT: 10.69 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 466171
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1

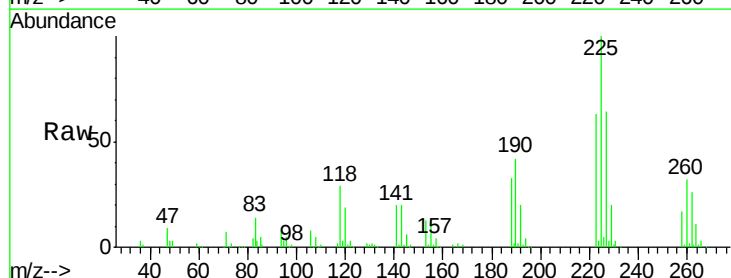


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

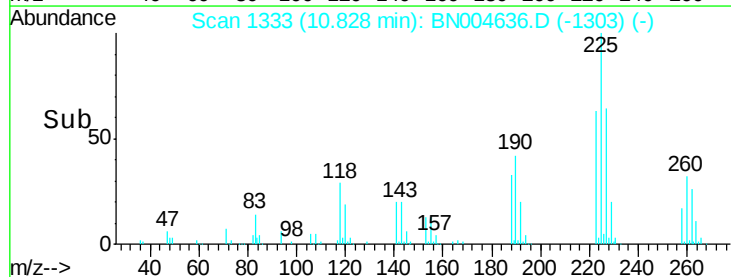
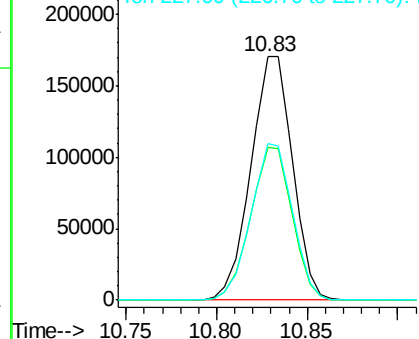


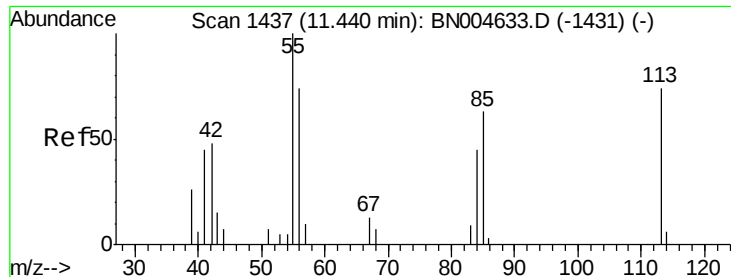
#31
Hexachlorobutadiene
Concen: 170.766 ng/ul
RT: 10.83 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:225 Resp: 272610
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.6
227 64.1 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 97.343 ng/ul

RT: 11.53 min Scan# 1453

Delta R.T. 0.07 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

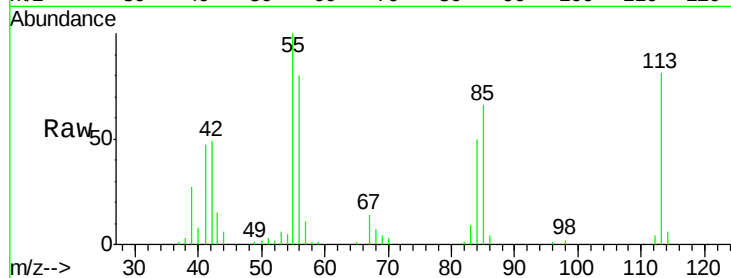
Tot Ion:113 Resp: 81163

Ion Ratio Lower Upper

113 100

55 123.1 100.7 151.1

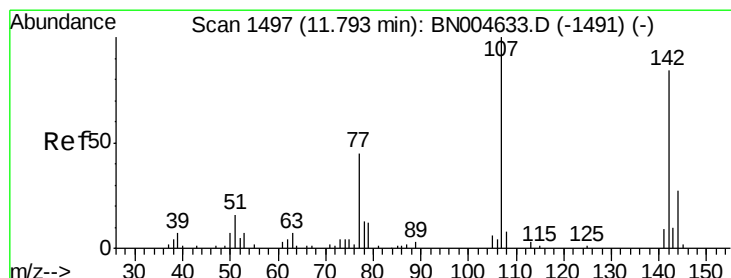
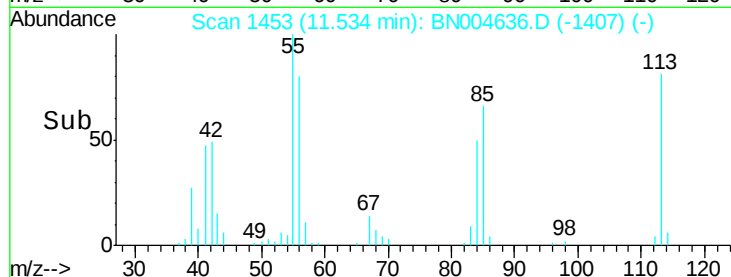
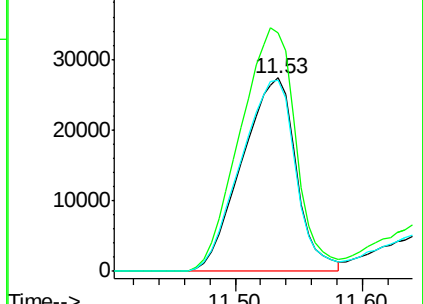
56 98.7 76.1 114.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 160.352 ng/ul

RT: 11.82 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

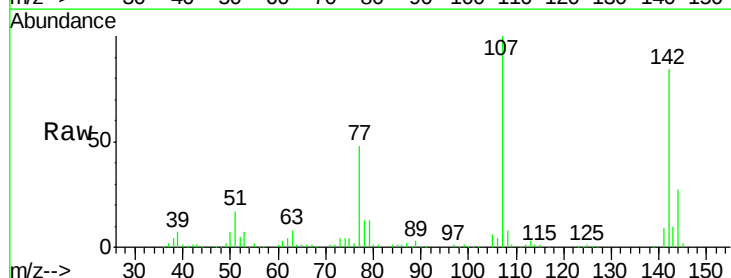
Tgt Ion:107 Resp: 427034

Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.4

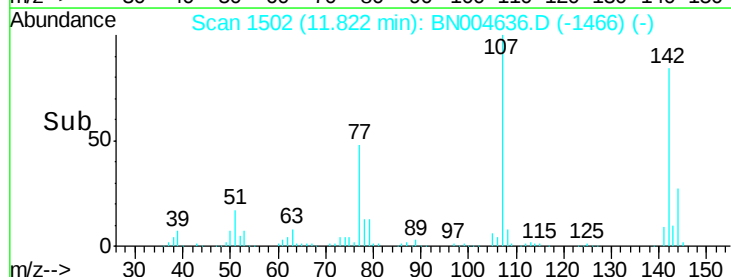
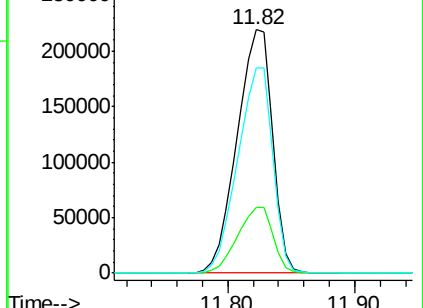
142 84.2 67.4 101.0

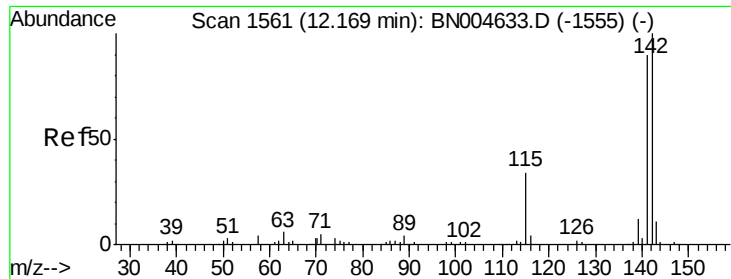


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

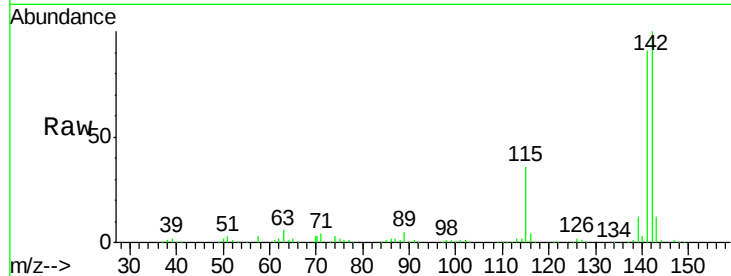




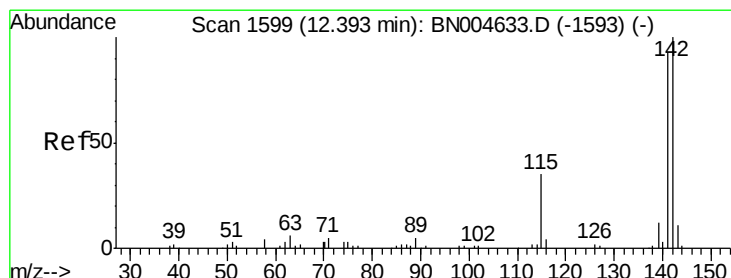
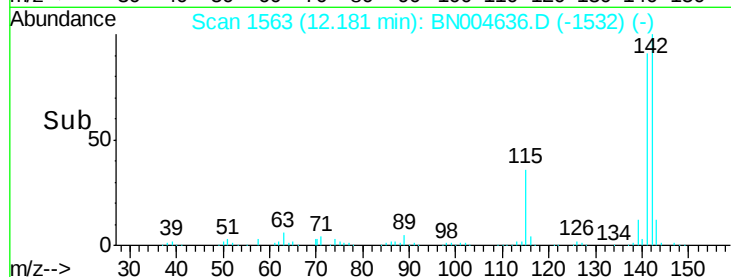
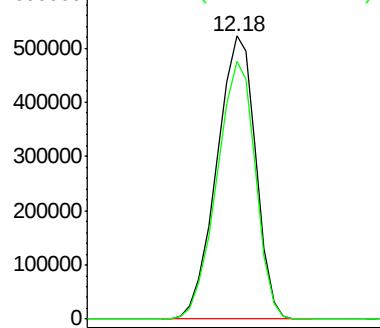
#34
2-Methylnaphthalene
Concen: 140.997 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 890125
Ion Ratio Lower Upper
142 100
141 91.0 71.0 106.6

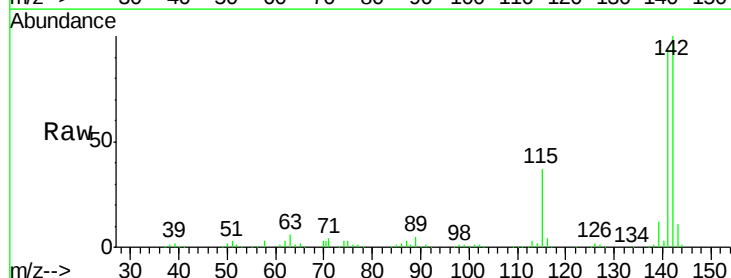


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

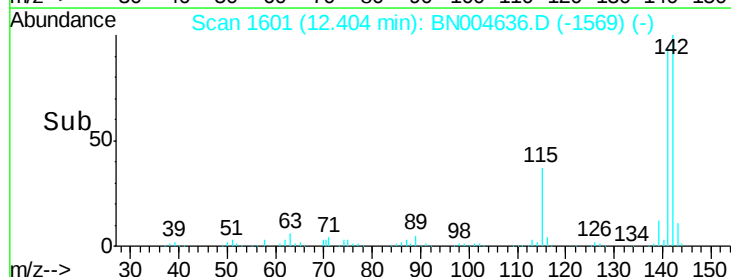
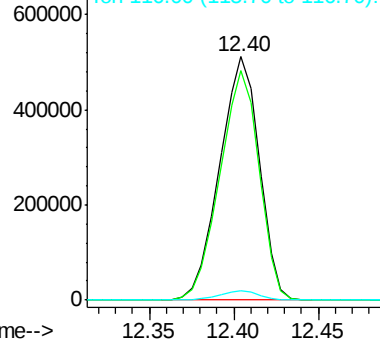


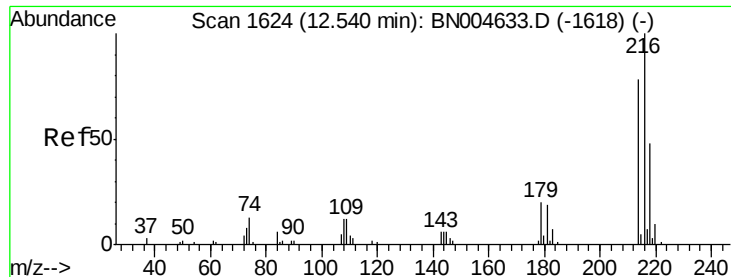
#35
1-Methylnaphthalene
Concen: 134.175 ng/ul
RT: 12.40 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:142 Resp: 835324
Ion Ratio Lower Upper
142 100
141 94.2 74.9 112.3
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

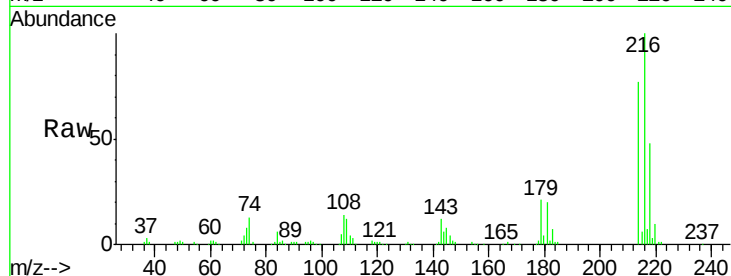




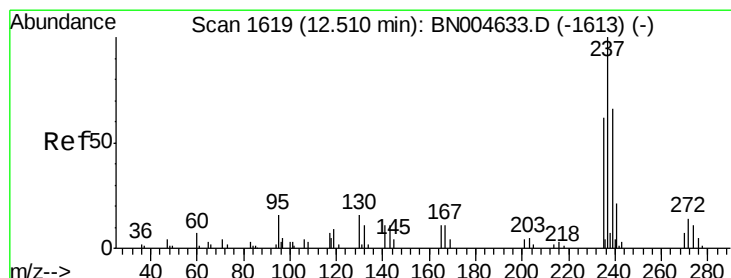
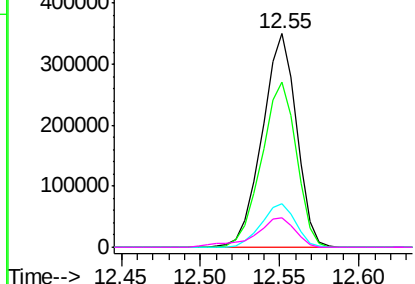
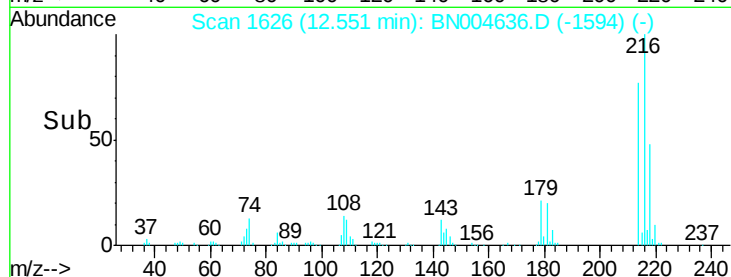
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 167.315 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:216 Resp: 527551
 Ion Ratio Lower Upper
 216 100
 214 77.3 60.9 91.3
 179 20.7 16.2 24.4
 108 14.0 11.5 17.3

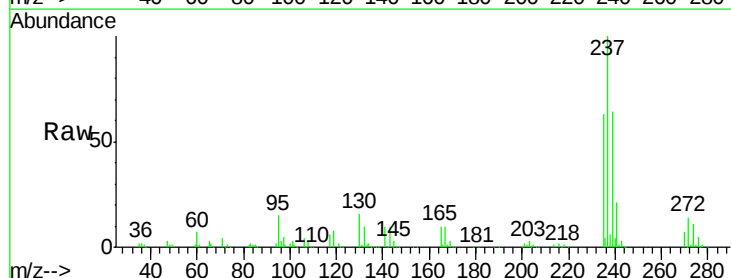


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

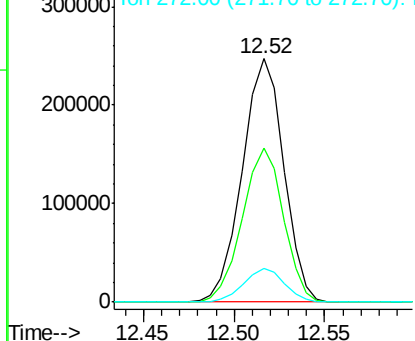
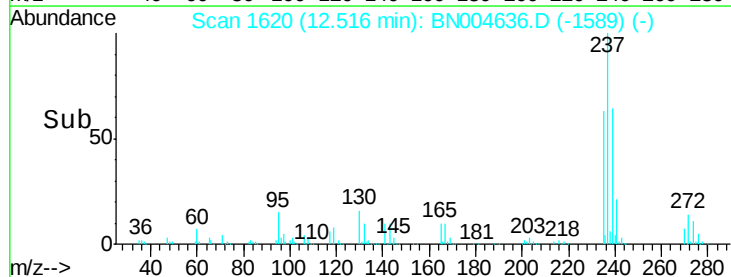


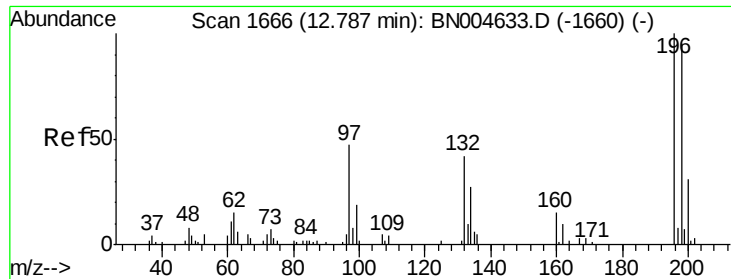
#38
 Hexachlorocyclopentadiene
 Concen: 200.807 ng/ul
 RT: 12.52 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion:237 Resp: 393657
 Ion Ratio Lower Upper
 237 100
 235 63.2 50.8 76.2
 272 13.8 10.4 15.6



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

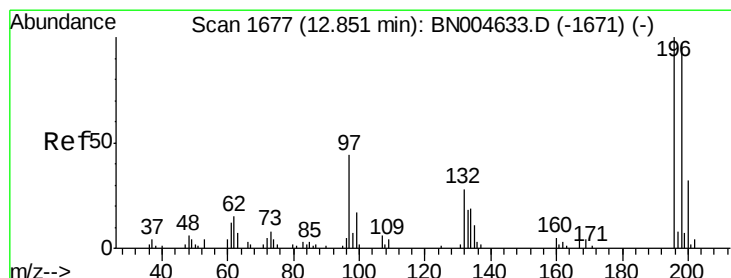
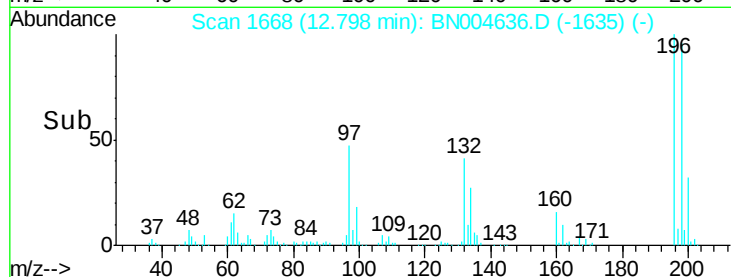
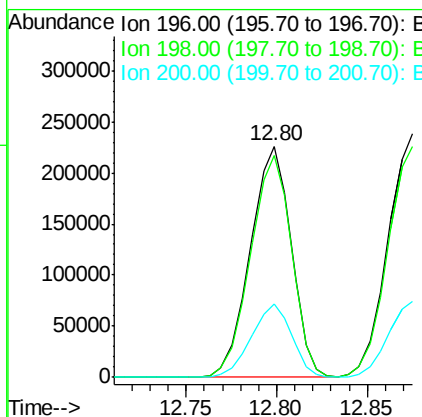
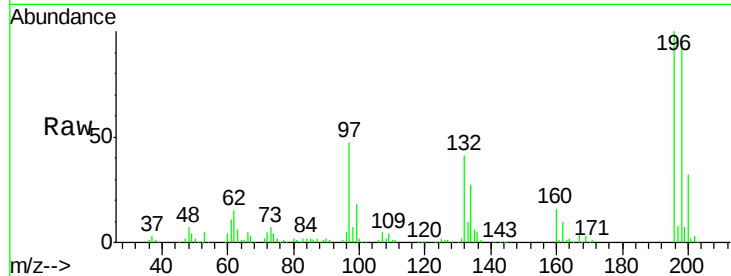




#39
 2,4,6-Trichlorophenol
 Concen: 190.729 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

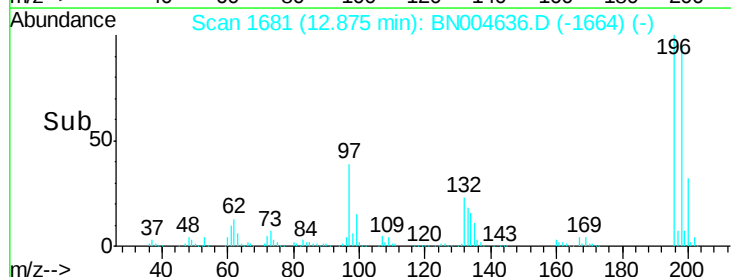
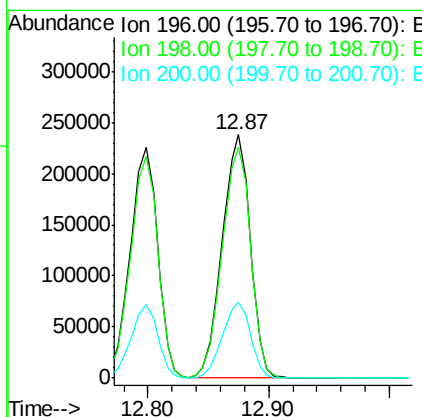
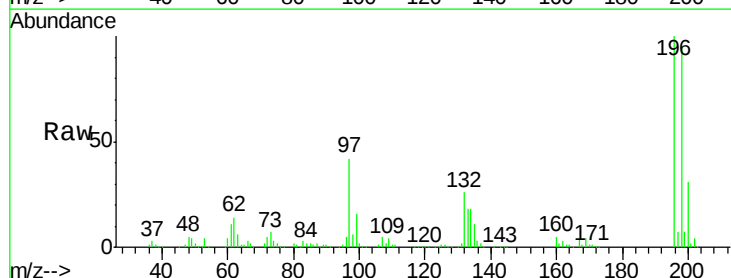
Instrument :
 BNA_N
 ClientSampleId :

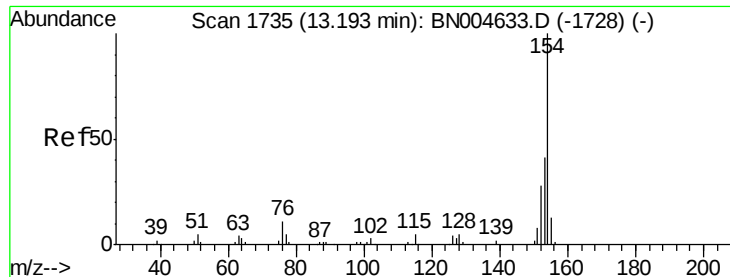
Tot Ion:196 Resp: 355333
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 200 31.6 24.5 36.7



#40
 2,4,5-Trichlorophenol
 Concen: 183.455 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion:196 Resp: 383957
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.9 119.9
 200 31.3 25.9 38.9





#41

1,1'-Biphenyl

Concen: 149.542 ng/ul

RT: 13.20 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

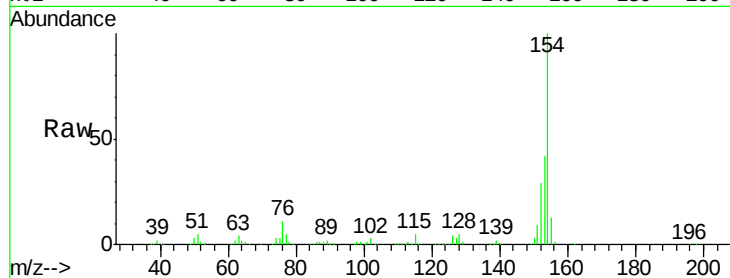
Tot Ion:154 Resp: 1144449

Ion Ratio Lower Upper

154 100

153 42.1 32.6 48.8

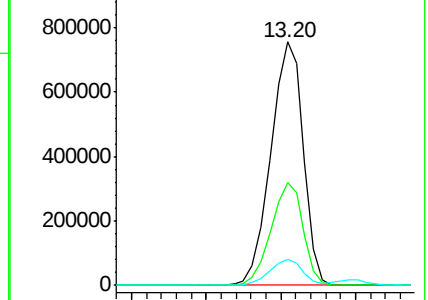
76 10.5 9.2 13.8



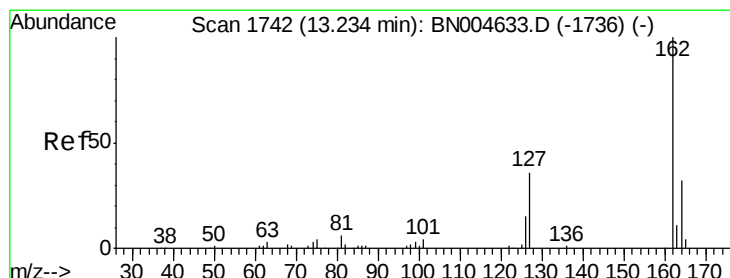
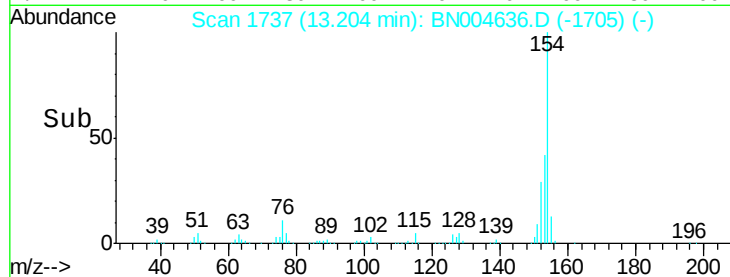
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



Time--> 13.10 13.15 13.20 13.25



#42

2-Chloronaphthalene

Concen: 153.157 ng/ul

RT: 13.25 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

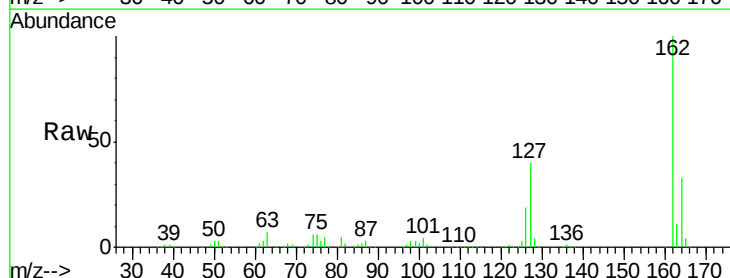
Tgt Ion:162 Resp: 911718

Ion Ratio Lower Upper

162 100

164 33.3 26.4 39.6

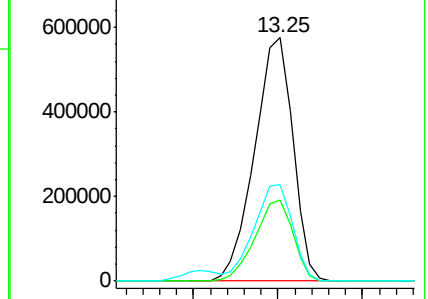
127 39.6 31.8 47.6



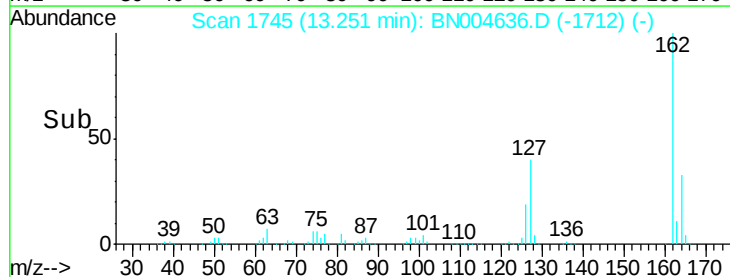
Abundance Ion 162.00 (161.70 to 162.70): E

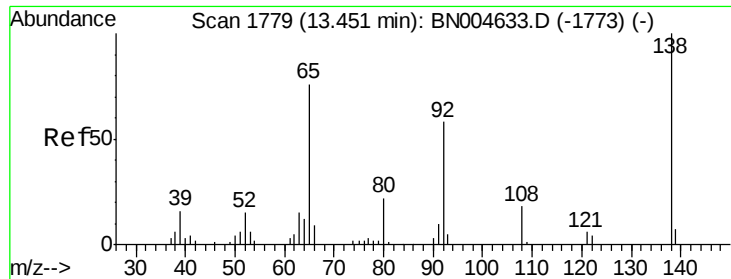
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 13.20 13.25 13.30

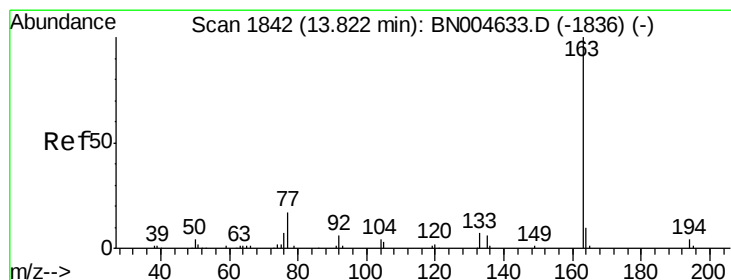
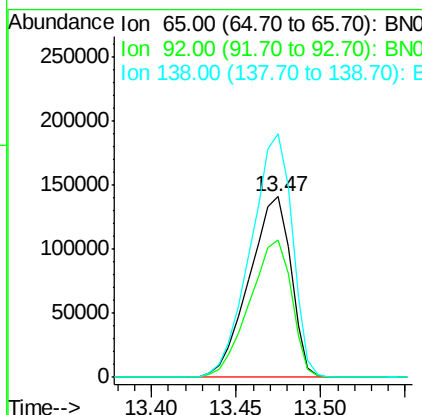
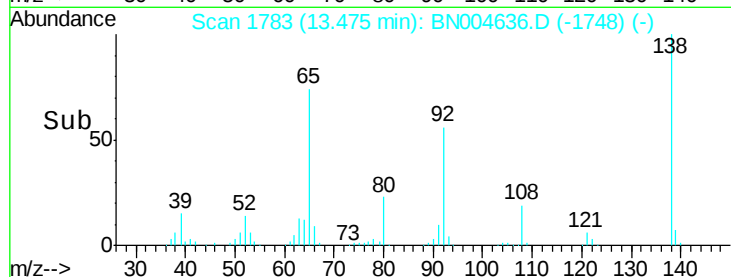
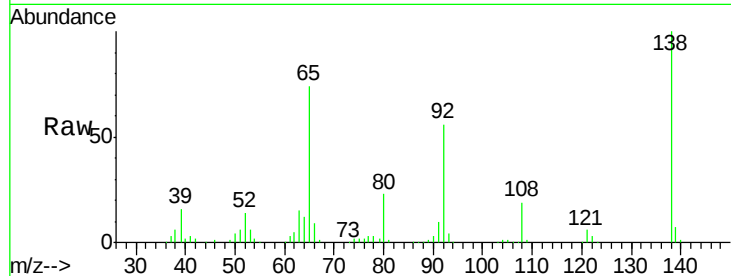




#43
 2-Nitroaniline
 Concen: 200.168 ng/ul
 RT: 13.47 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

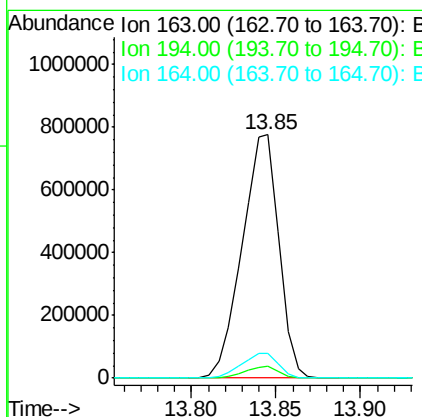
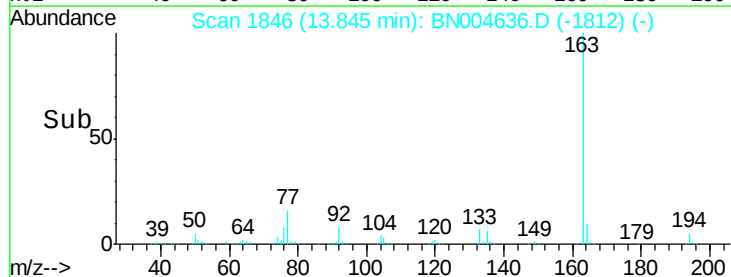
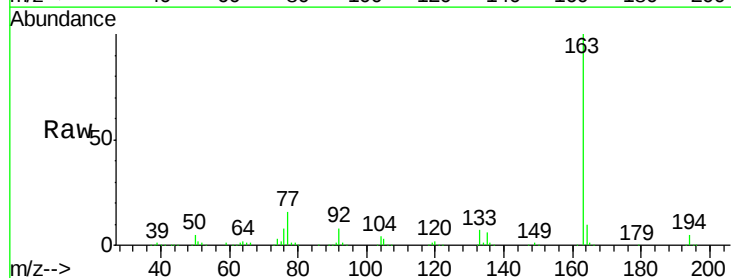
Instrument :
 BNA_N
 ClientSampled :

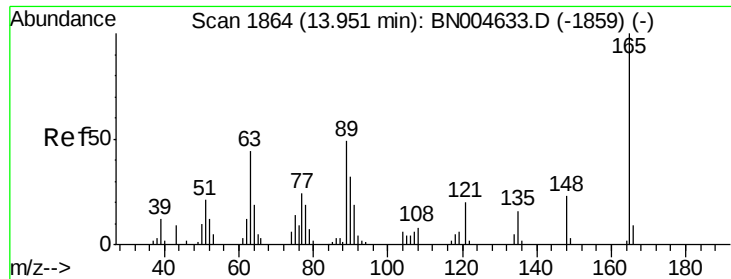
Tot Ion: 65 Resp: 243237
 Ion Ratio Lower Upper
 65 100
 92 76.2 62.1 93.1
 138 134.9 105.0 157.6



#45
 Dimethylphthalate
 Concen: 148.164 ng/ul
 RT: 13.85 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion:163 Resp: 1176544
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.2
 164 10.0 7.9 11.9

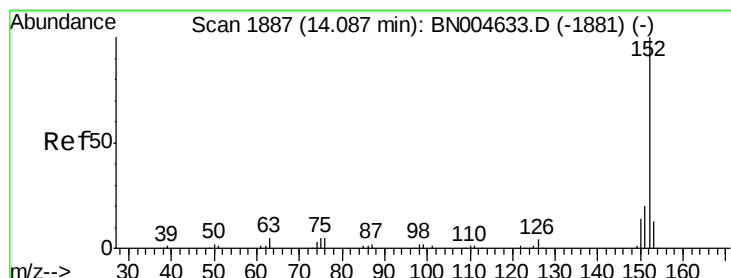
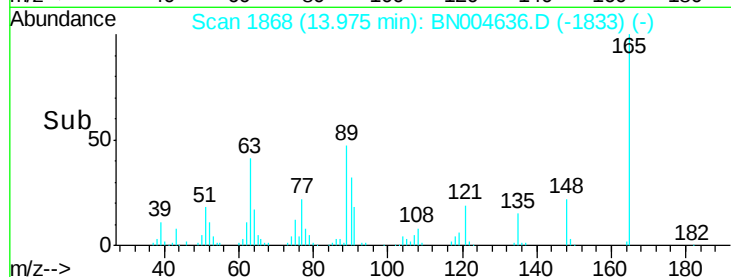
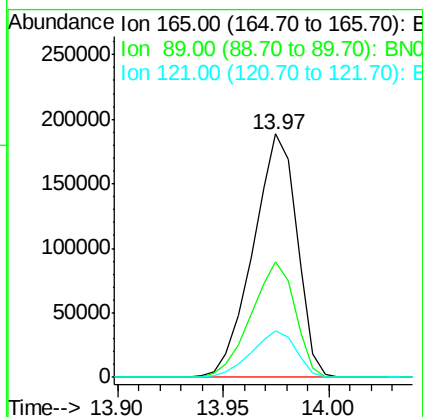
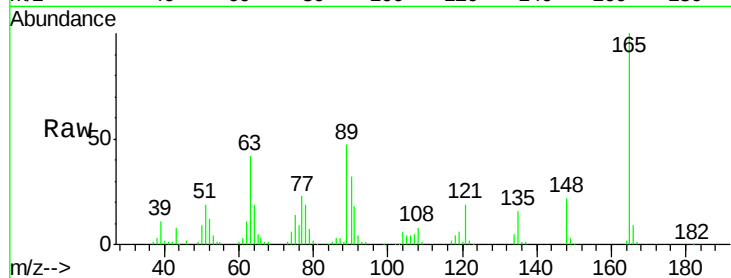




#46
2,6-Dinitrotoluene
Concen: 195.225 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

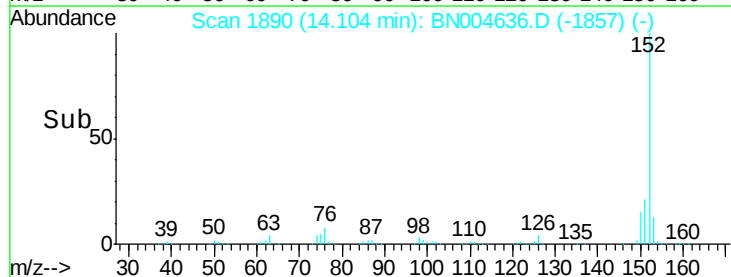
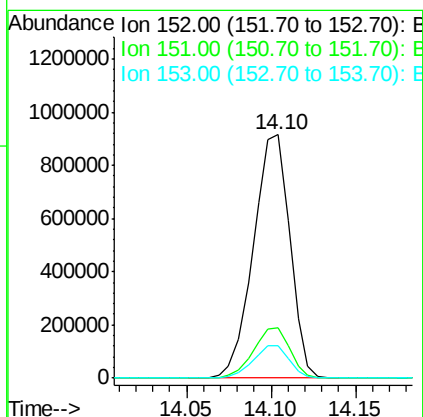
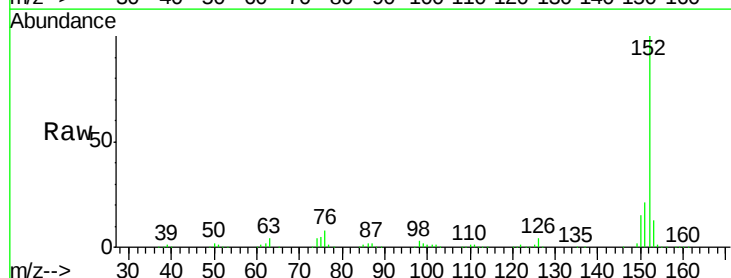
Instrument :
BNA_N
ClientSampled :

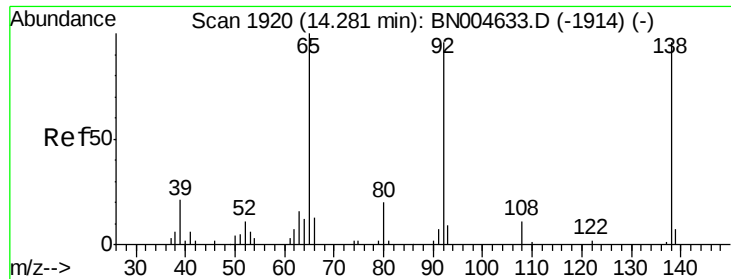
Tot Ion:165 Resp: 273318
Ion Ratio Lower Upper
165 100
89 47.3 42.0 63.0
121 19.2 17.0 25.6



#48
Acenaphthylene
Concen: 152.484 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:152 Resp: 1377849
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.1 10.6 16.0

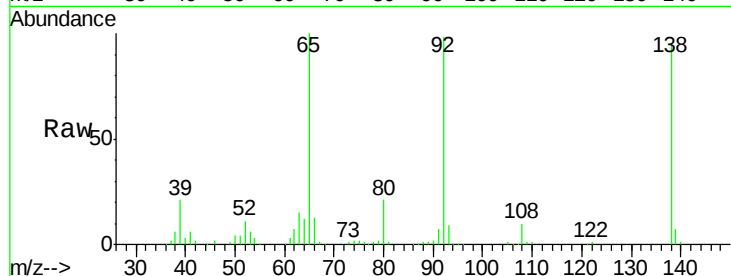




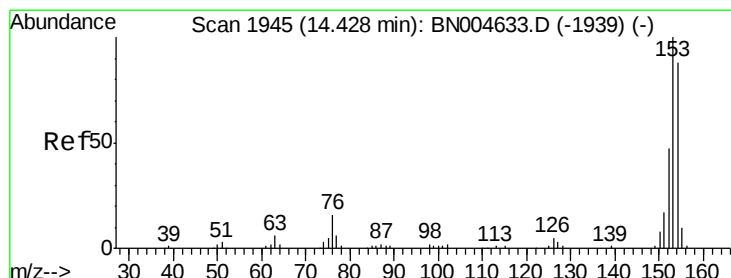
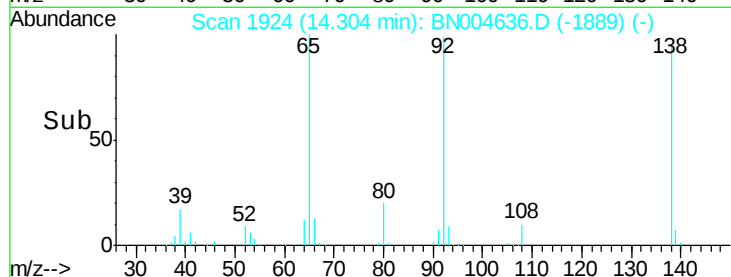
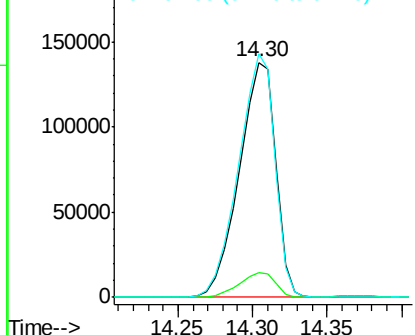
#49
3-Nitroaniline
Concen: 163.265 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 233278
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 103.8 85.8 128.6

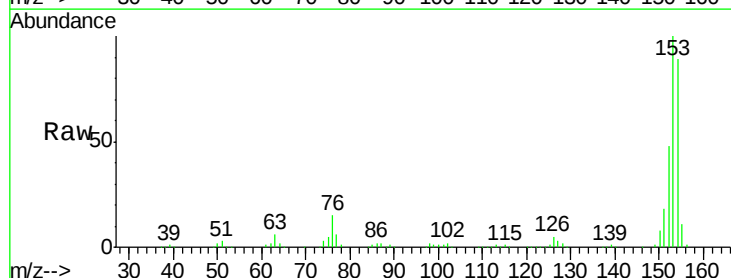


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

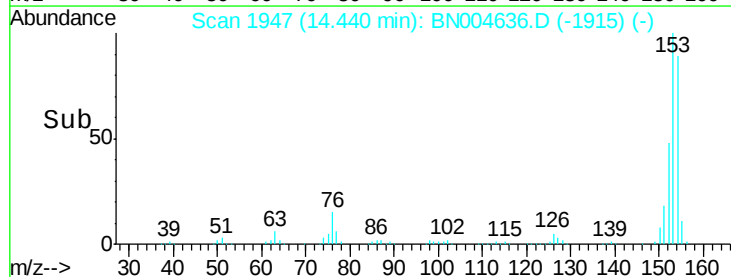
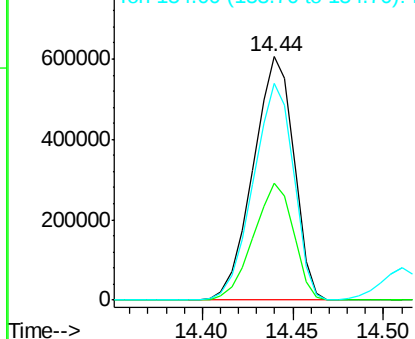


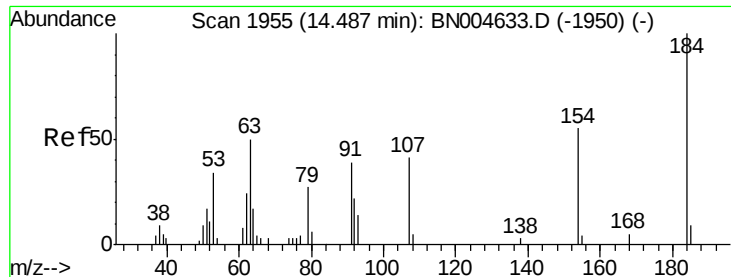
#50
Acenaphthene
Concen: 145.365 ng/ul
RT: 14.44 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:153 Resp: 946206
Ion Ratio Lower Upper
153 100
152 48.2 37.8 56.6
154 89.1 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

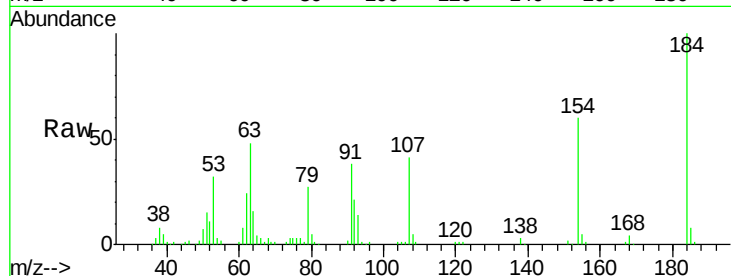




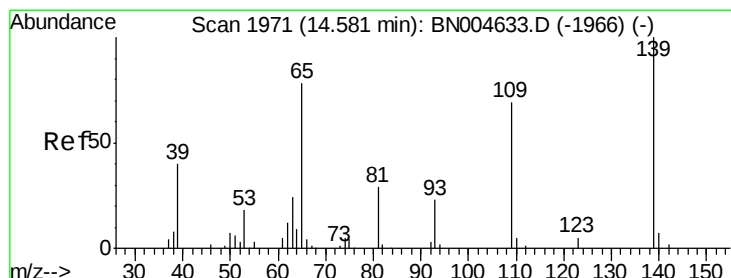
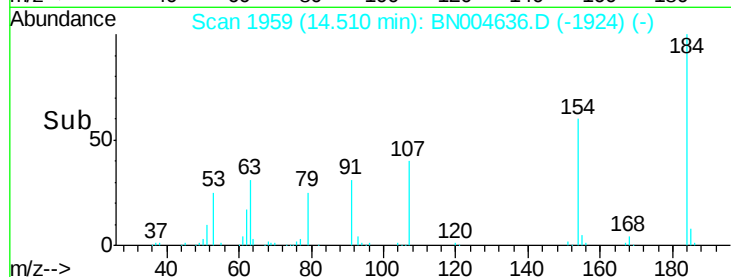
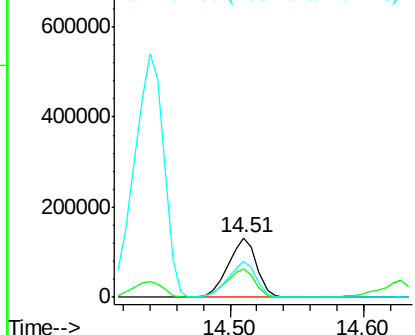
#51
2,4-Dinitrophenol
Concen: 226.357 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 197158
Ion Ratio Lower Upper
184 100
63 48.4 39.1 58.7
154 59.8 46.2 69.4

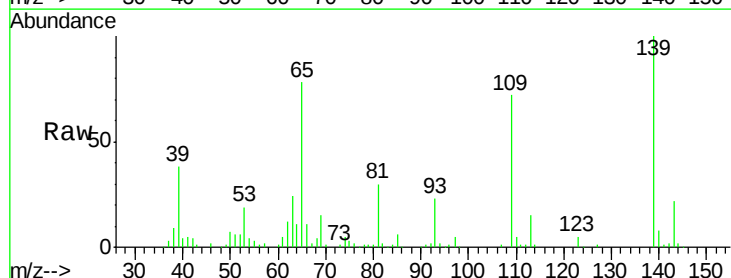


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

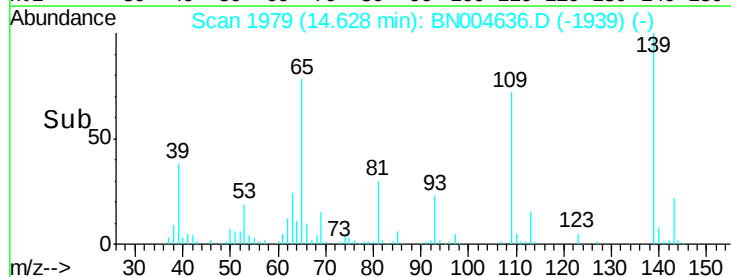
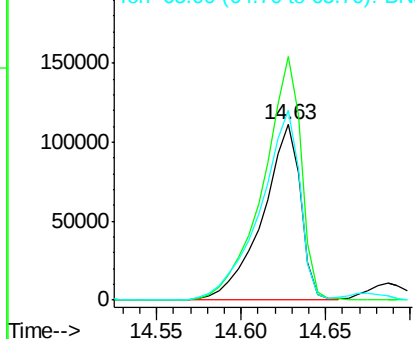


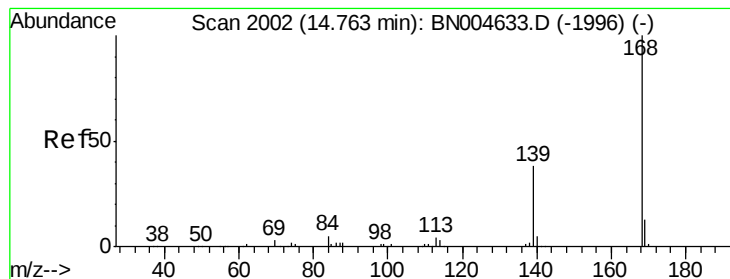
#53
4-Nitrophenol
Concen: 152.249 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.04 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:109 Resp: 174088
Ion Ratio Lower Upper
109 100
139 138.9 112.1 168.1
65 108.1 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





#54

Dibenzenofuran

Concen: 140.013 ng/ul

RT: 14.78 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

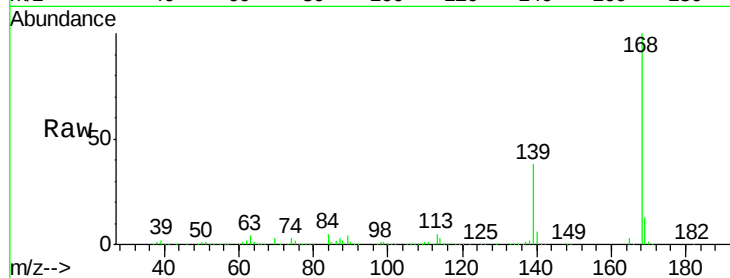
ClientSampled :

Tot Ion:168 Resp: 1318300

Ion Ratio Lower Upper

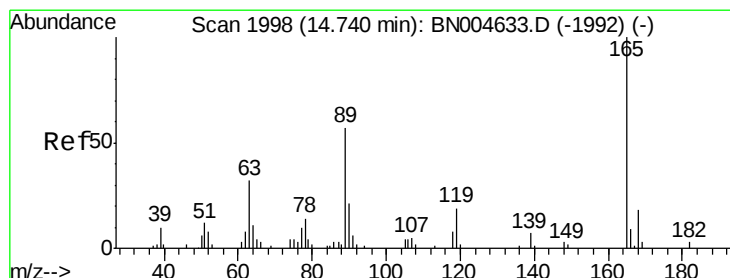
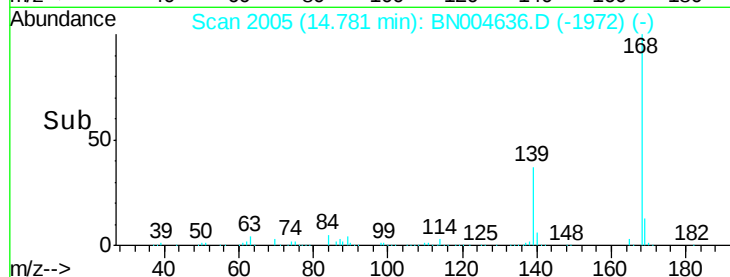
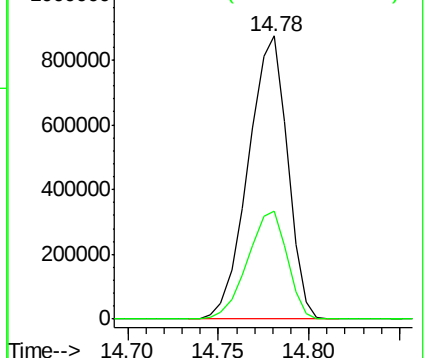
168 100

139 38.3 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 166.847 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

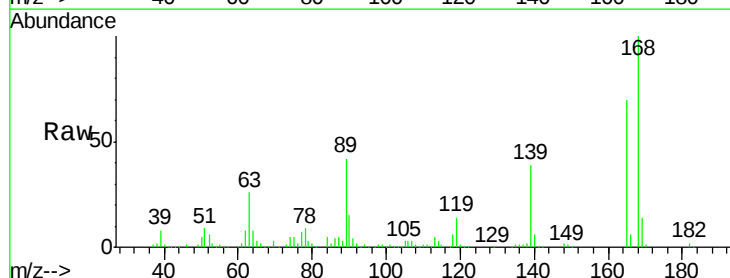
Tgt Ion:165 Resp: 366434

Ion Ratio Lower Upper

165 100

63 37.6 27.6 41.4

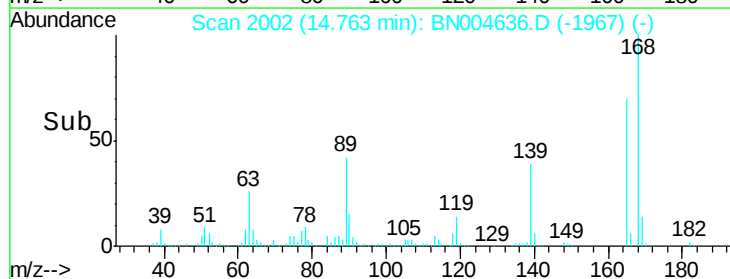
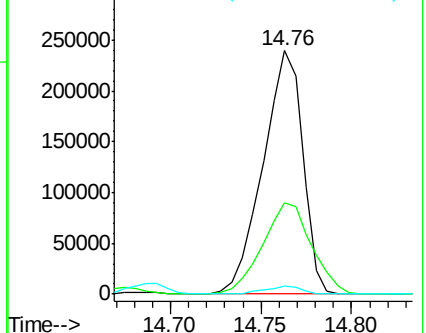
182 3.1 2.3 3.5

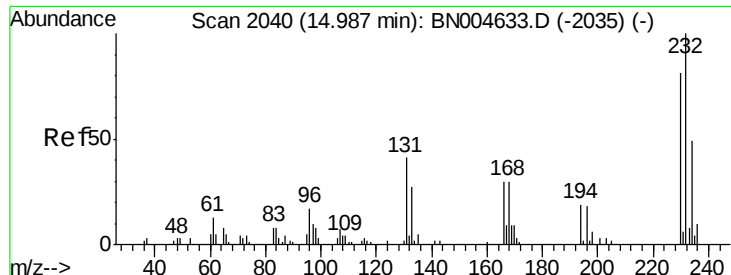


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

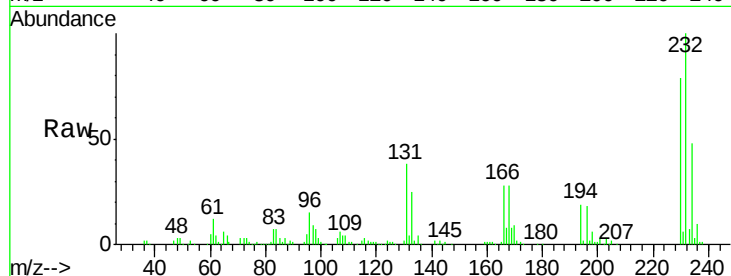




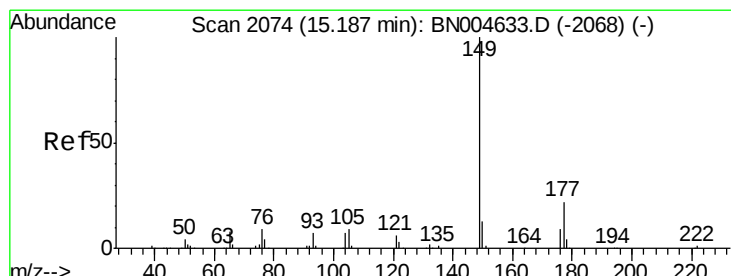
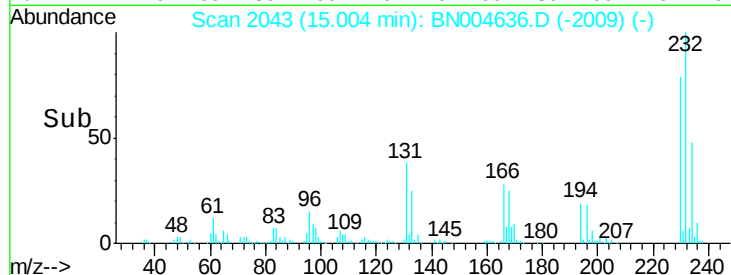
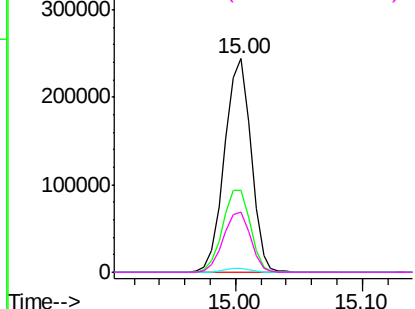
#56
2,3,4,6-Tetrachlorophenol
Concen: 184.600 ng/ul
RT: 15.00 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:232 Resp: 352510
Ion Ratio Lower Upper
232 100
131 38.4 33.4 50.0
130 2.0 1.8 2.8
166 28.0 23.4 35.0

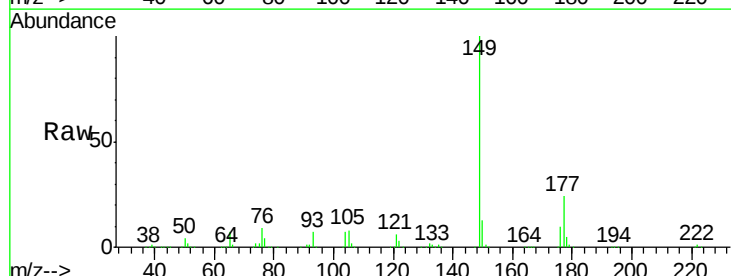


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

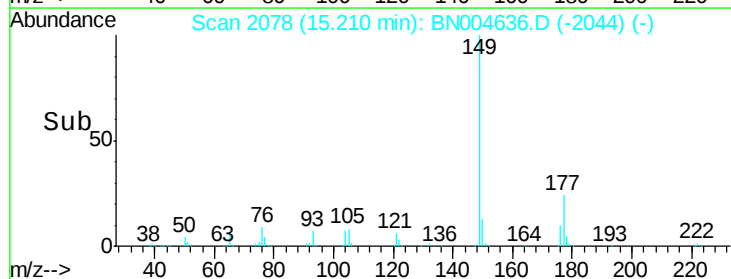
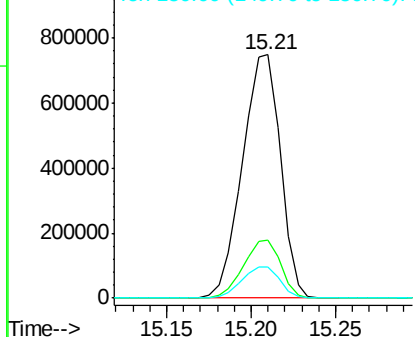


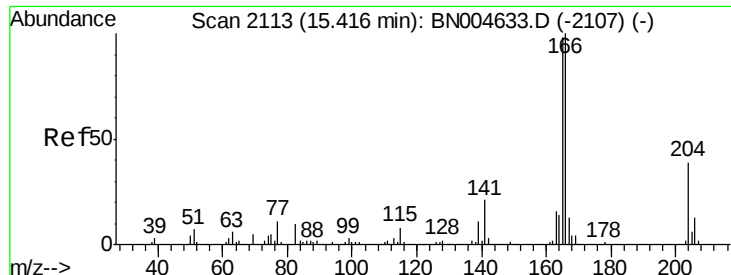
#57
Diethylphthalate
Concen: 150.129 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:149 Resp: 1176427
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 12.7 10.2 15.2



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

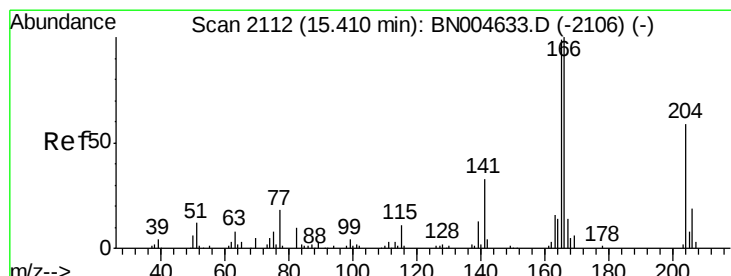
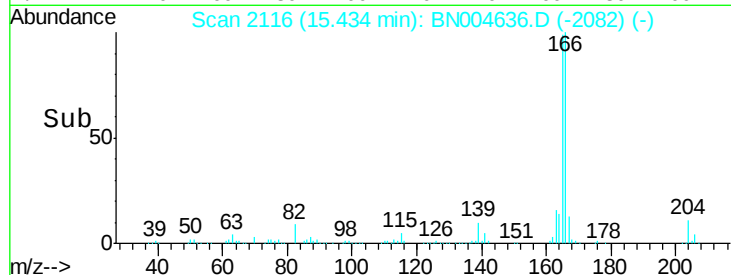
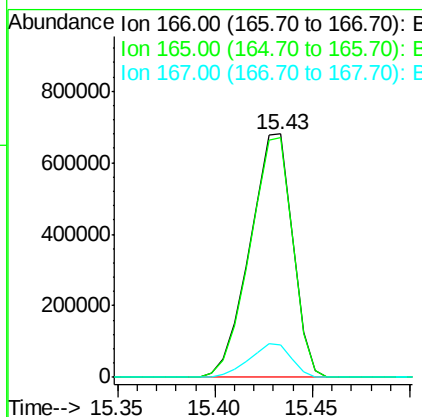
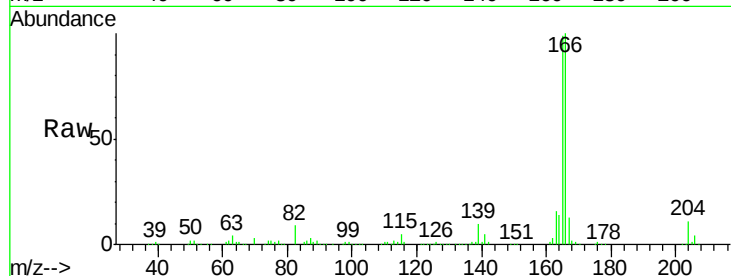




#59
 Fluorene
 Concen: 134.941 ng/ul
 RT: 15.43 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

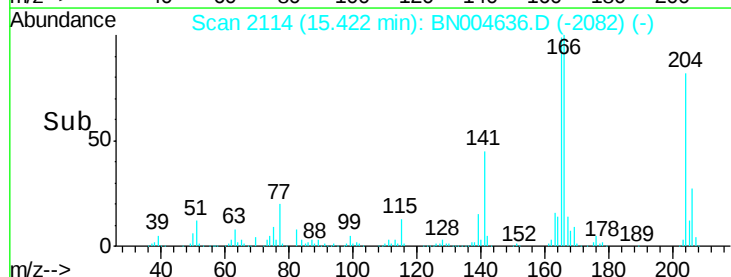
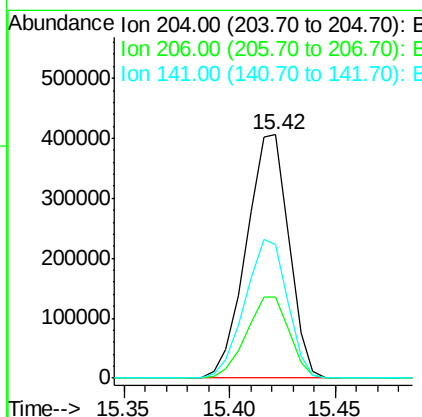
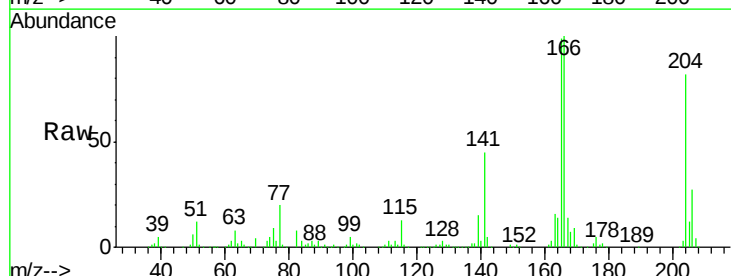
Instrument :
 BNA_N
 ClientSampleId :

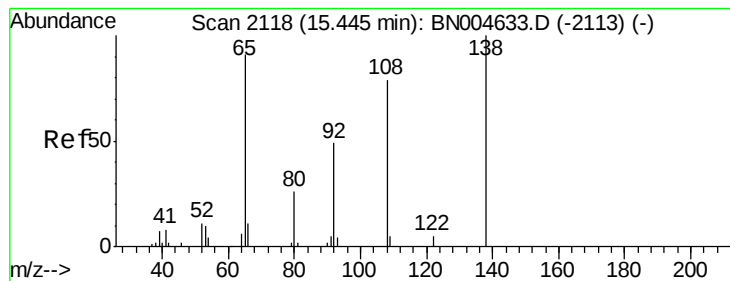
Tot Ion:166 Resp: 1029603
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.0 117.0
 167 13.1 10.8 16.2



#60
 4-Chlorophenyl-phenylether
 Concen: 140.975 ng/ul
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion:204 Resp: 569176
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.5 39.7
 141 54.7 44.8 67.2





#61

4-Nitroaniline

Concen: 150.975 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. 0.04 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

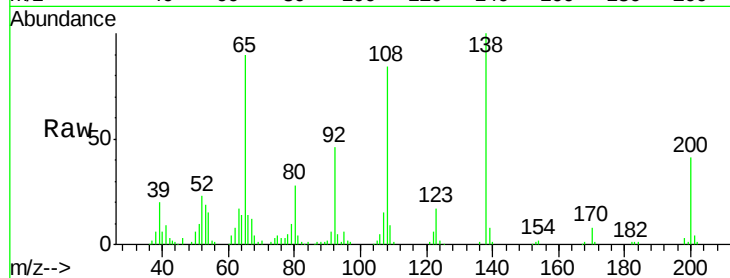
Tot Ion:138 Resp: 280749

Ion Ratio Lower Upper

138 100

92 45.7 37.8 56.8

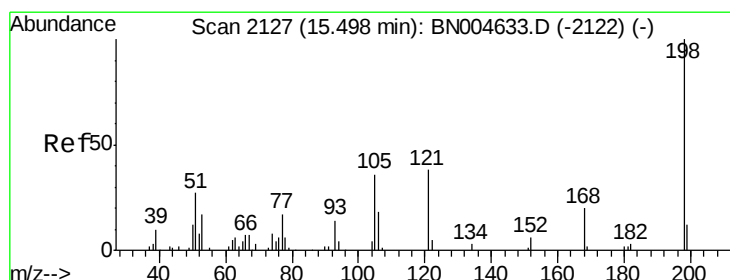
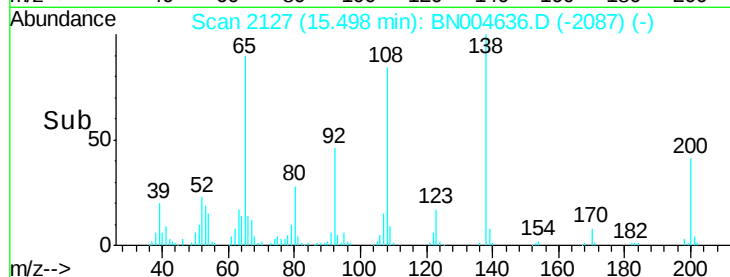
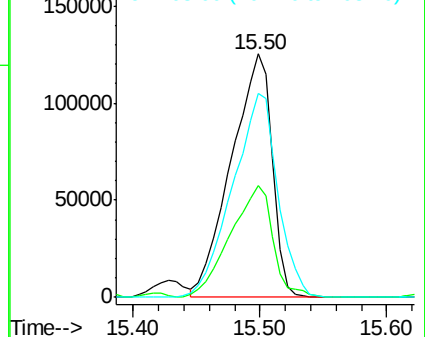
108 83.6 61.7 92.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 197.499 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. 0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

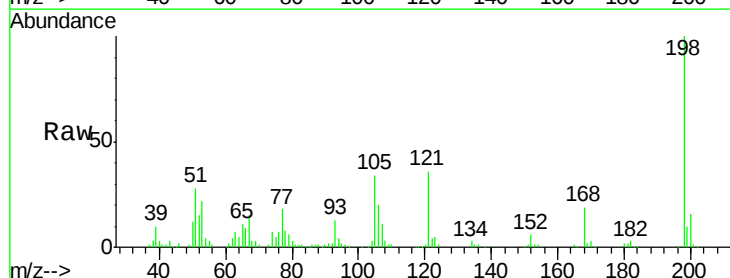
Tgt Ion:198 Resp: 258138

Ion Ratio Lower Upper

198 100

182 2.8 3.3 4.9#

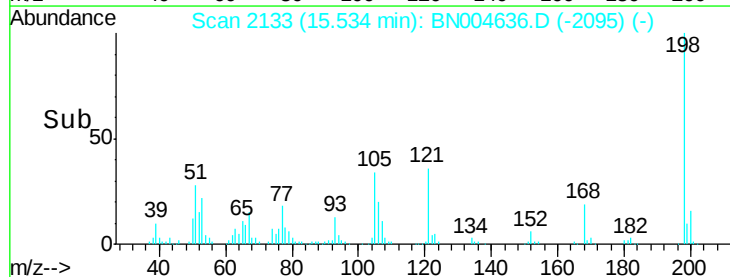
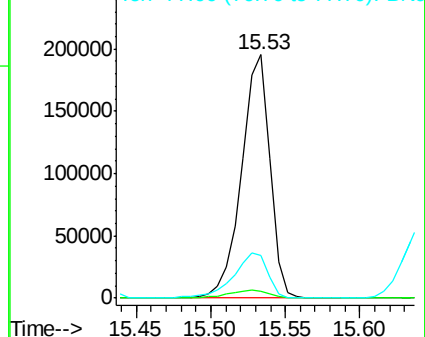
77 17.5 16.2 24.4

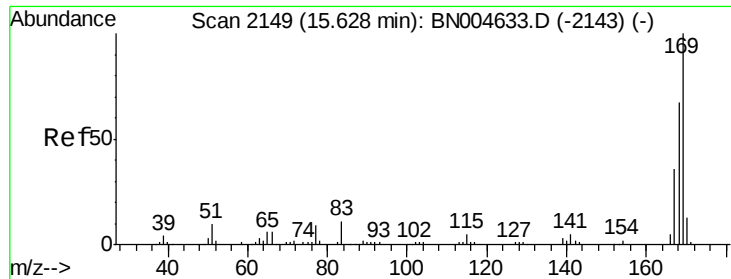


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO

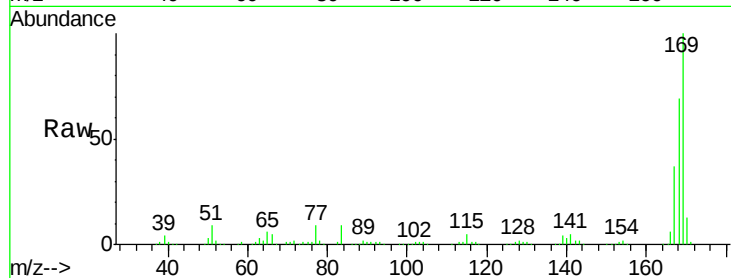




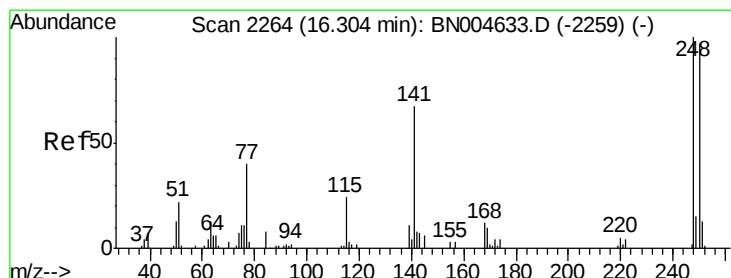
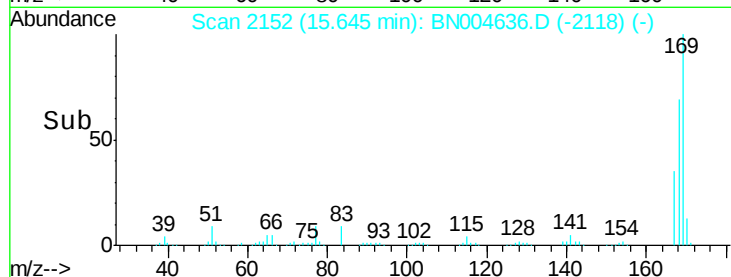
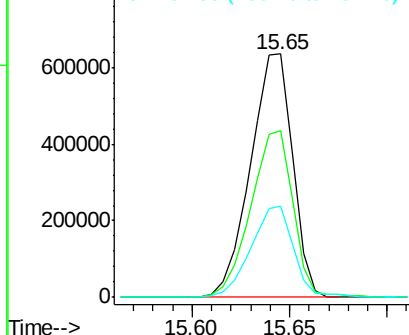
#65
N-Nitrosodiphenylamine
Concen: 156.190 ng/ul
RT: 15.65 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:169 Resp: 953624
Ion Ratio Lower Upper
169 100
168 68.7 53.8 80.6
167 37.3 29.0 43.4

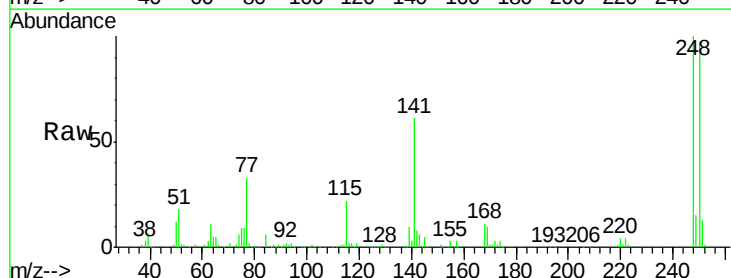


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

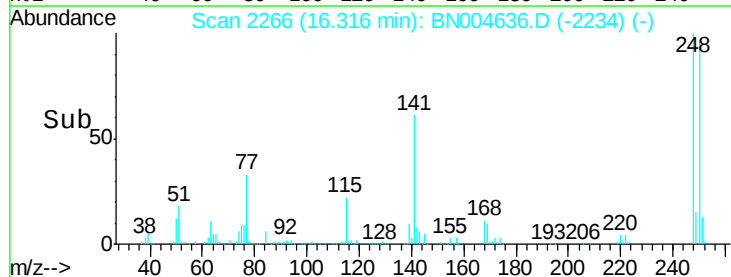
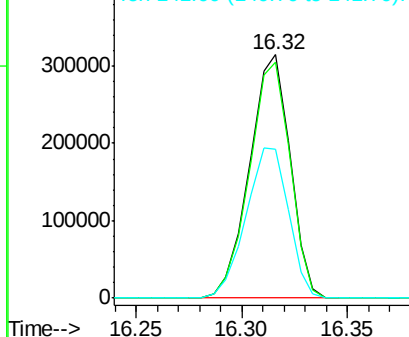


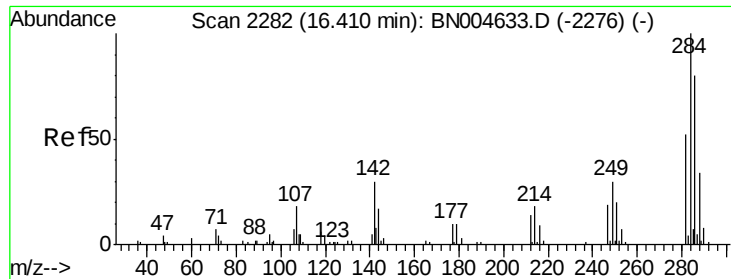
#66
4-Bromophenyl-phenylether
Concen: 176.930 ng/ul
RT: 16.32 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:248 Resp: 421478
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 61.2 55.1 82.7



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 171.787 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

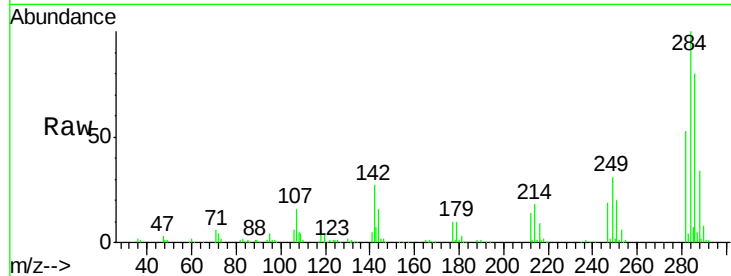
Tot Ion:284 Resp: 479343

Ion Ratio Lower Upper

284 100

142 27.2 24.5 36.7

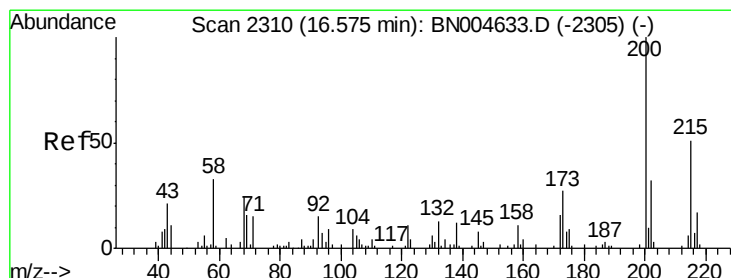
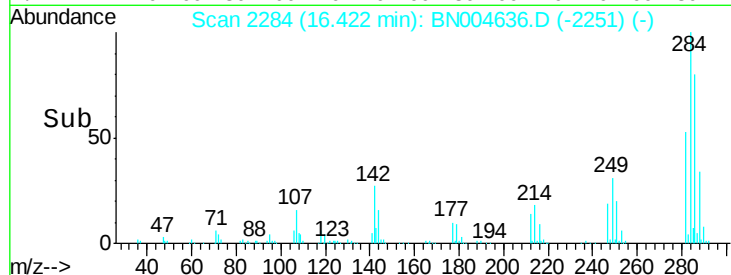
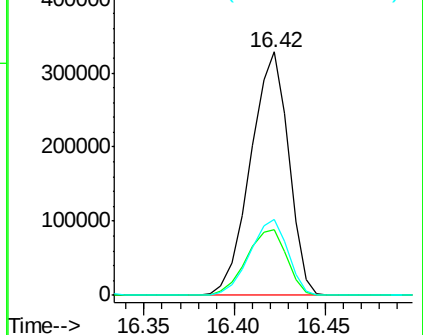
249 31.2 25.0 37.6



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



#68

Atrazine

Concen: 164.153 ng/ul

RT: 16.60 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

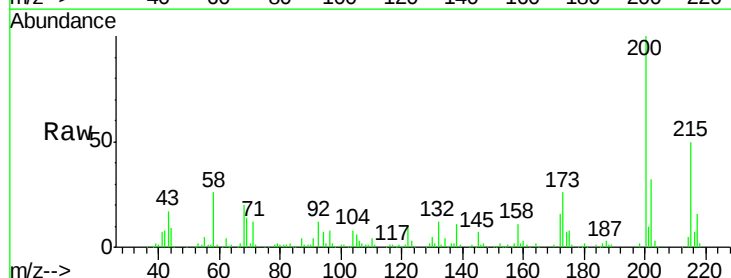
Tgt Ion:200 Resp: 386011

Ion Ratio Lower Upper

200 100

173 25.7 20.1 30.1

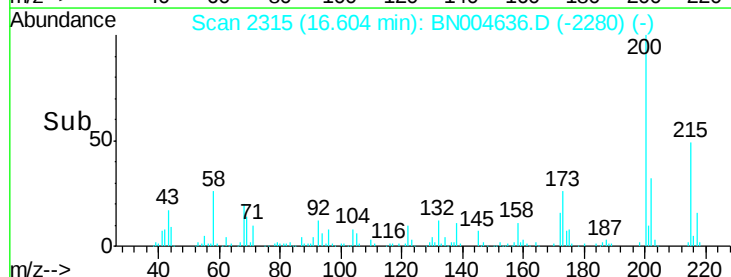
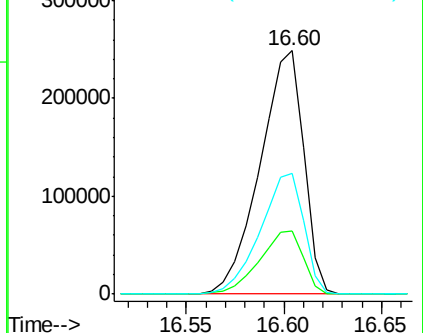
215 49.6 39.1 58.7

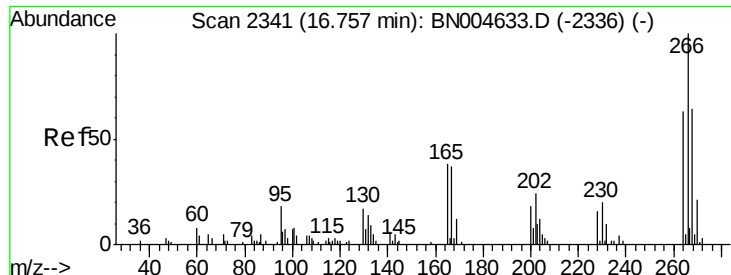


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

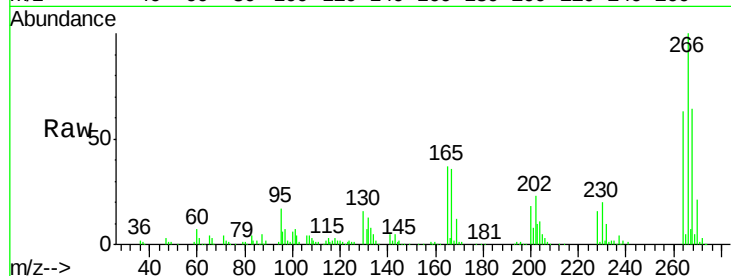




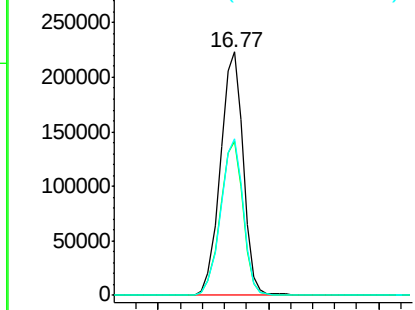
#69
 Pentachlorophenol
 Concen: 197.981 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Instrument :
 BNA_N
 ClientSampleId :

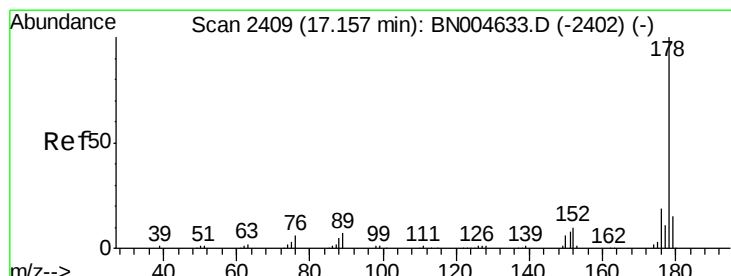
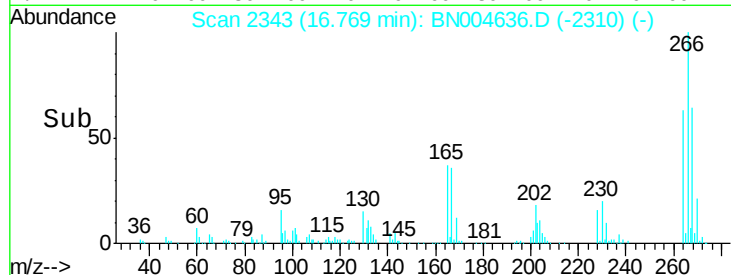
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.3	75.5
268	64.5	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

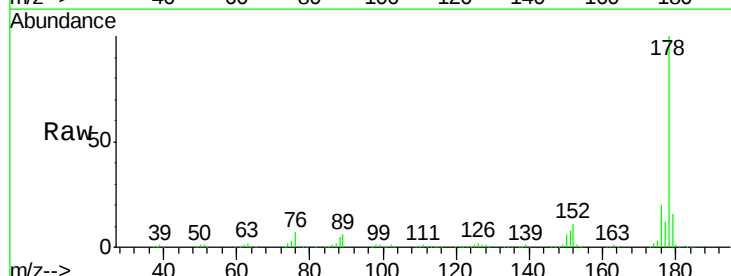


Time-->

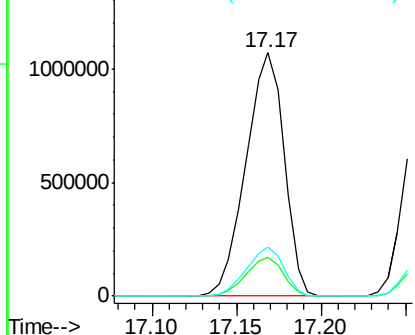


#70
 Phenanthrene
 Concen: 142.860 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

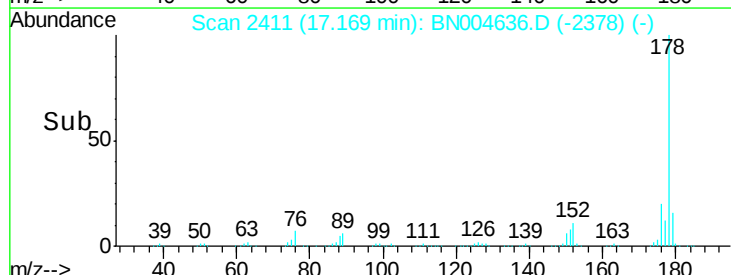
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	20.0	15.4	23.0

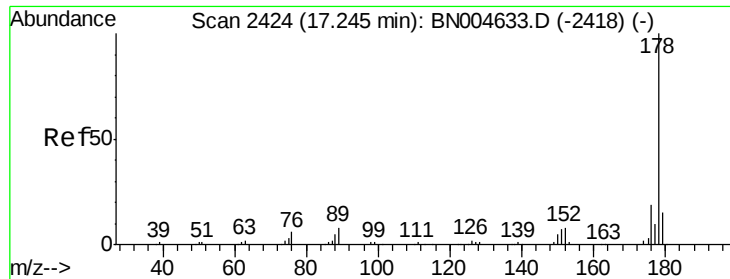


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Anthracene

Concen: 142.874 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

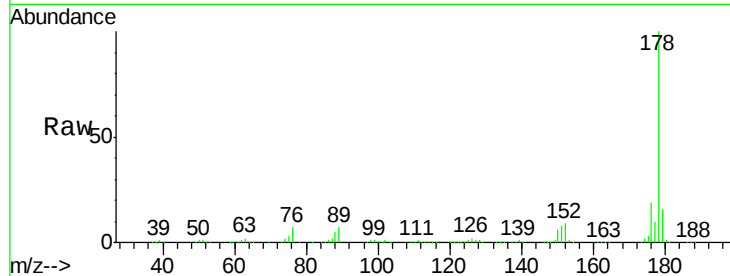
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1701469

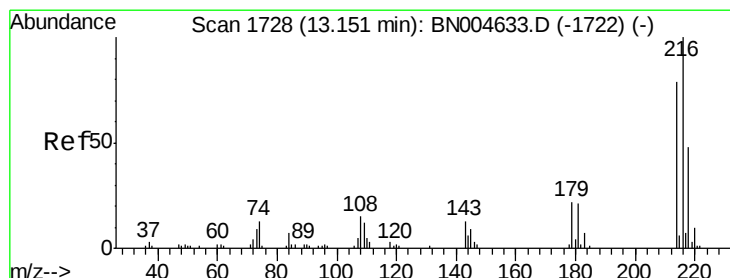
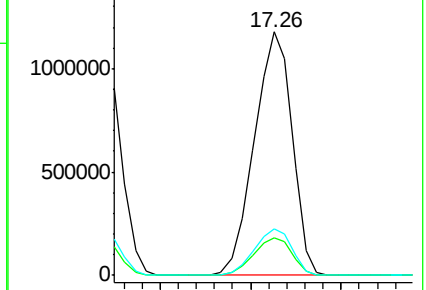
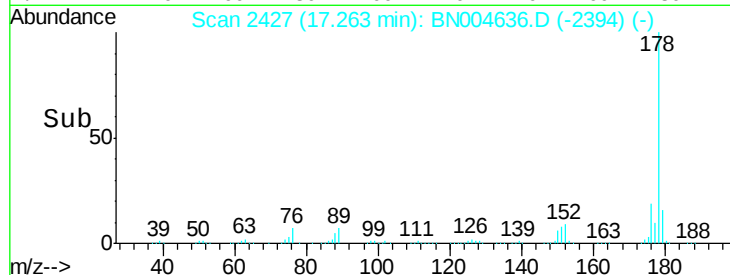
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	19.3	14.9	22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 177.816 ng/uL

RT: 13.16 min Scan# 1730

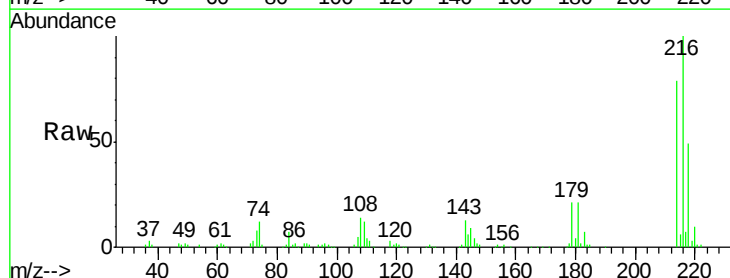
Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Tgt Ion:216 Resp: 519981

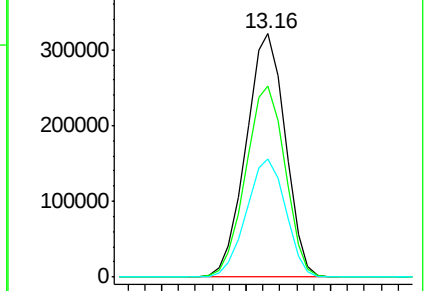
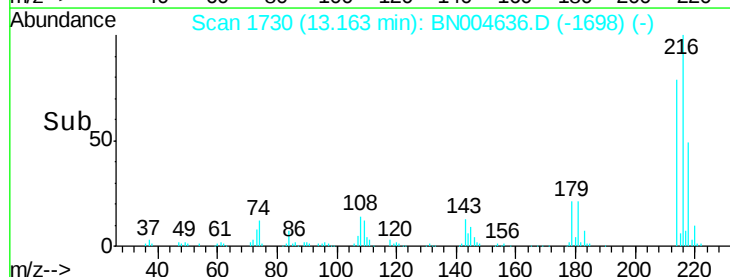
Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.9	92.9
218	48.7	38.7	58.1

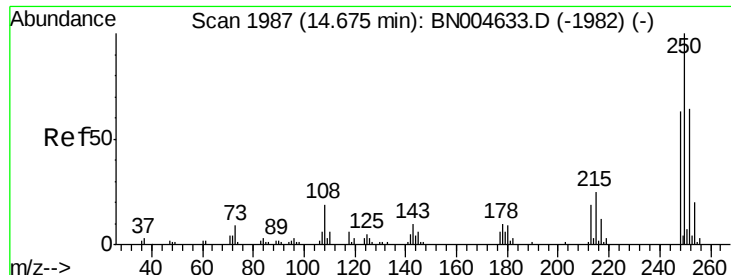


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 172.042 ng/uL

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

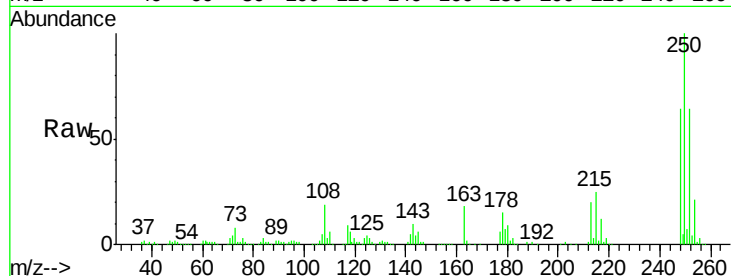
Tot Ion:250 Resp: 537735

Ion Ratio Lower Upper

250 100

248 64.1 51.5 77.3

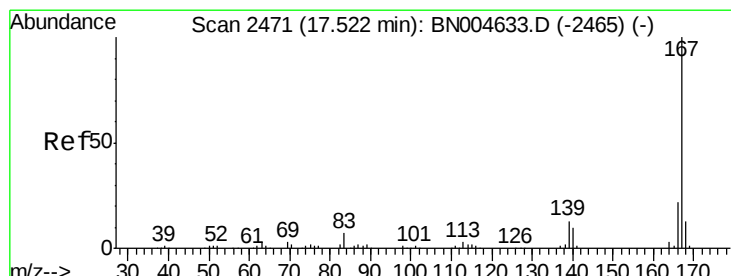
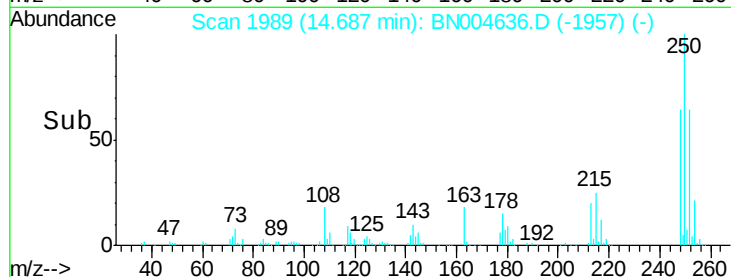
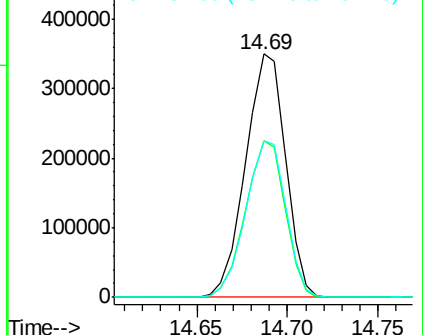
252 64.1 50.4 75.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 142.671 ng/uL

RT: 17.53 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

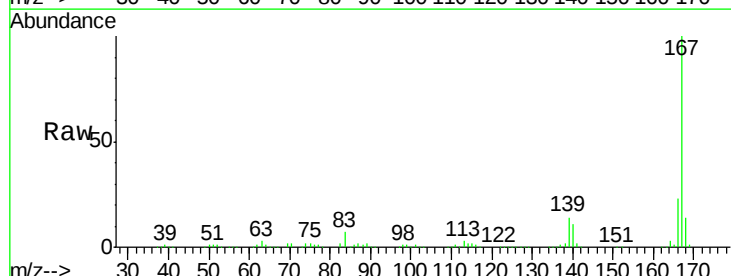
Tgt Ion:167 Resp: 1518022

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

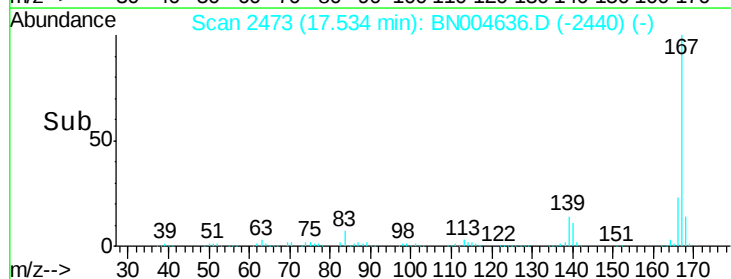
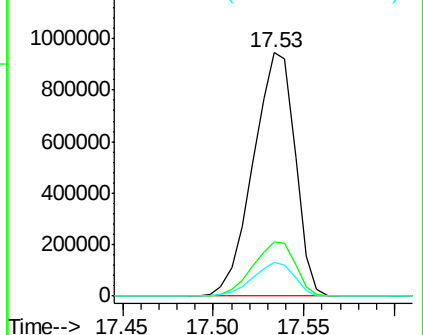
139 13.7 10.4 15.6

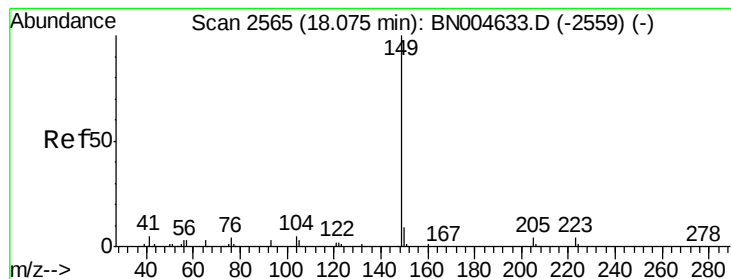


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 160.953 ng/ul

RT: 18.08 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

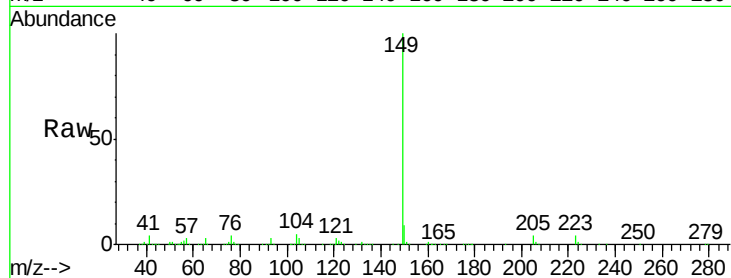
Tot Ion:149 Resp: 1880084

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

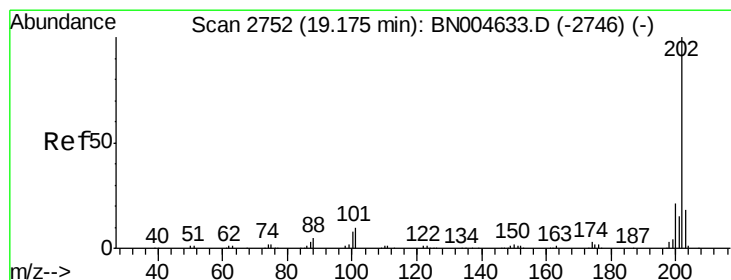
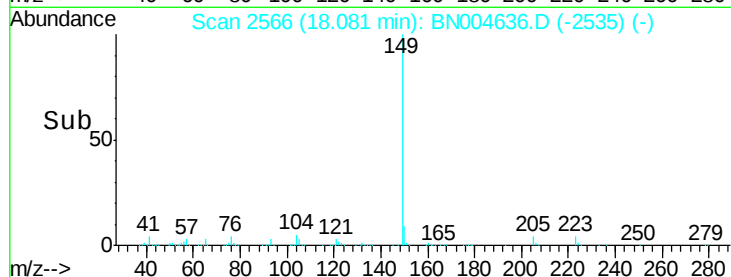
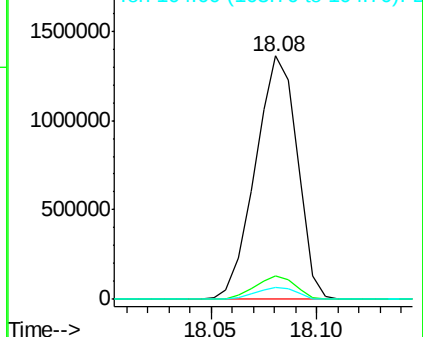
104 4.9 3.7 5.5



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



#77

Fluoranthene

Concen: 129.962 ng/ul

RT: 19.19 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

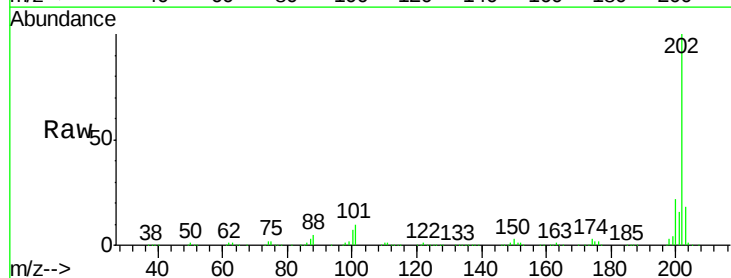
Tgt Ion:202 Resp: 1892495

Ion Ratio Lower Upper

202 100

101 9.5 8.2 12.4

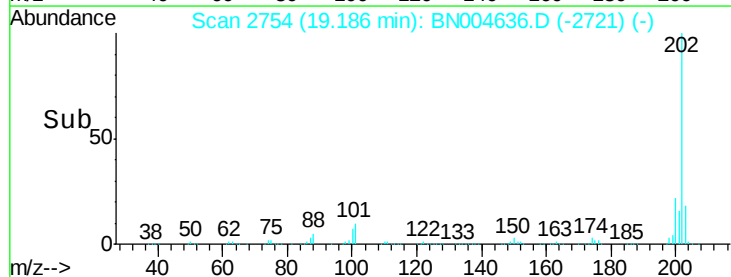
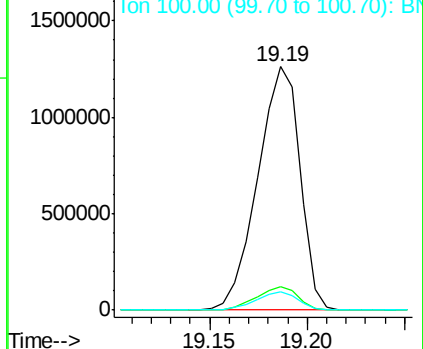
100 7.3 6.6 9.8

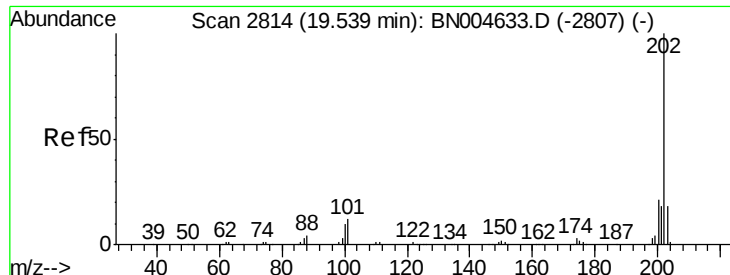


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

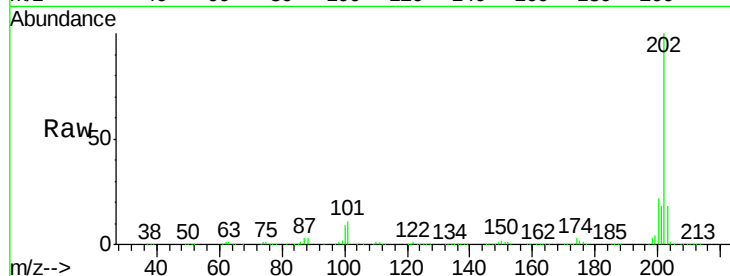




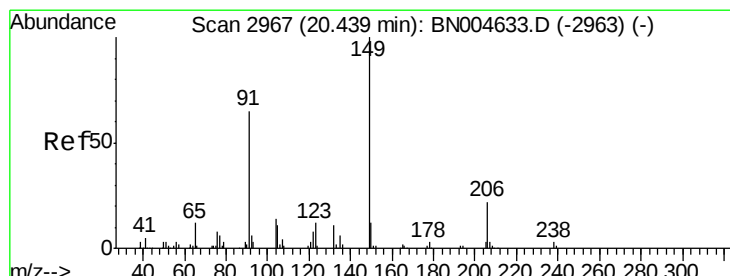
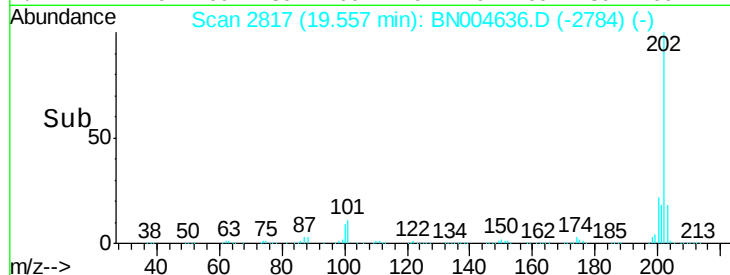
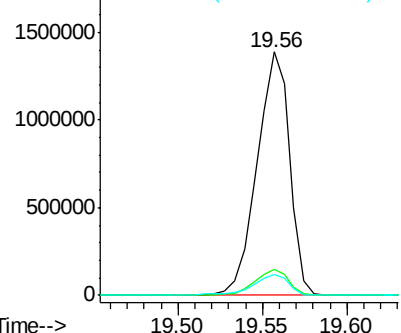
#80
Pvrene
Concen: 188.177 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 1855598
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.7 7.5 11.3

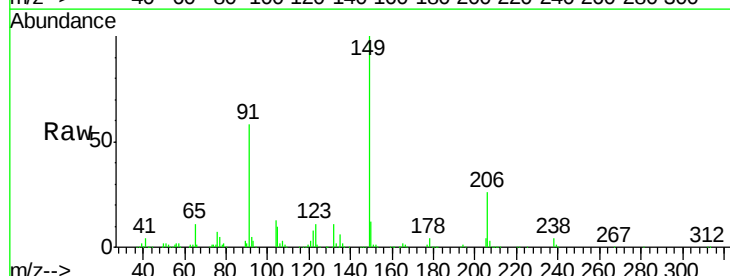


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

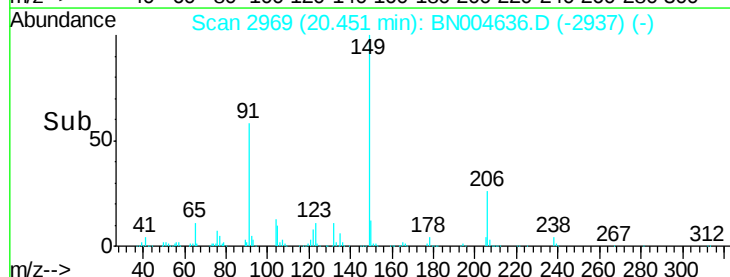
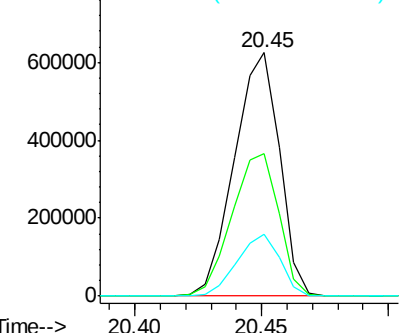


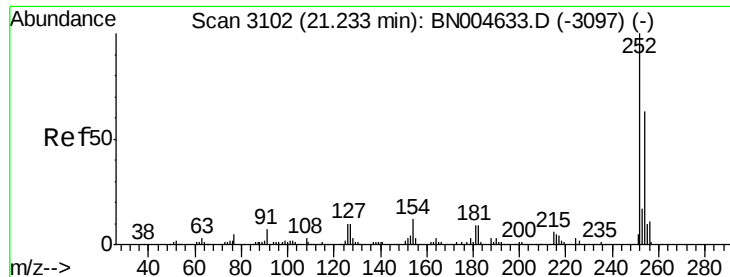
#81
Butylbenzylphthalate
Concen: 228.911 ng/ul
RT: 20.45 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:149 Resp: 775675
Ion Ratio Lower Upper
149 100
91 58.3 49.8 74.6
206 25.6 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



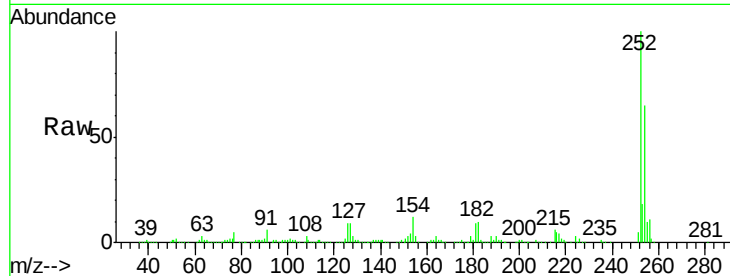


#82

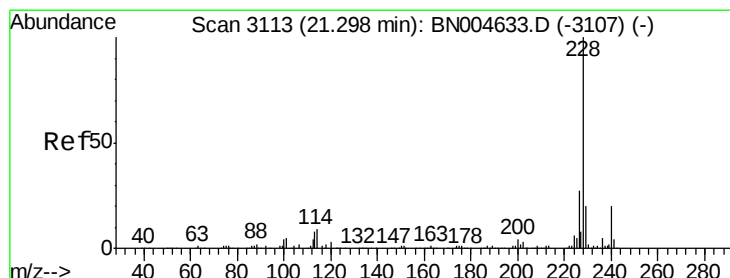
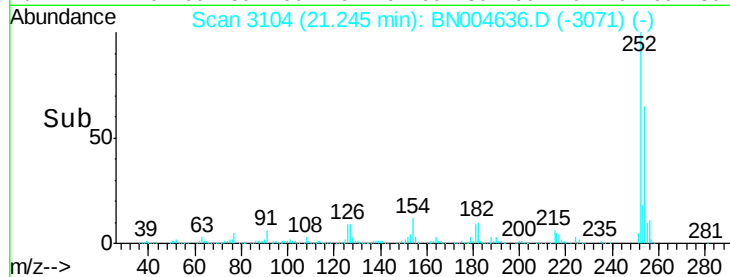
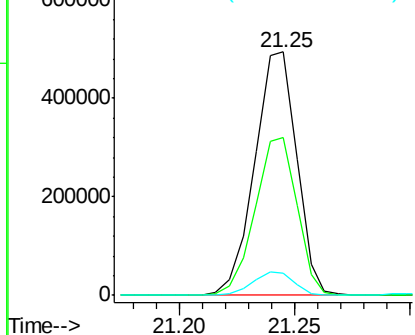
3,3'-Dichlorobenzidine
Concen: 168.263 ng/uL
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	8.9	8.3	12.5



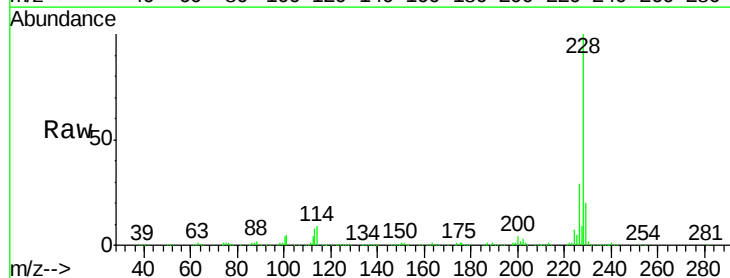
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



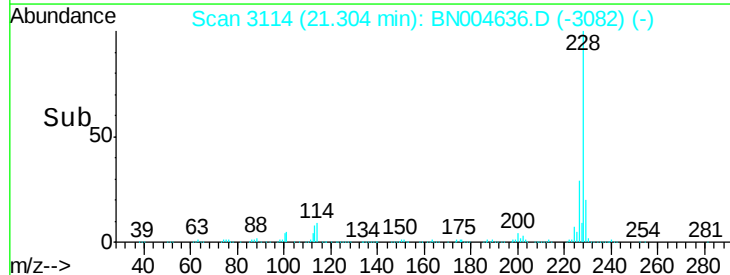
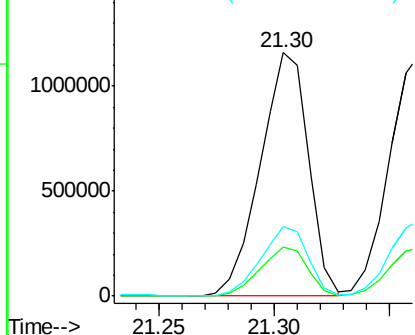
#83

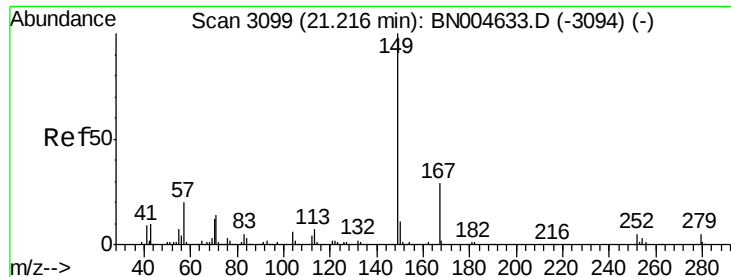
Benzo(a)anthracene
Concen: 152.547 ng/uL
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	28.5	21.4	32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 206.284 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampled :

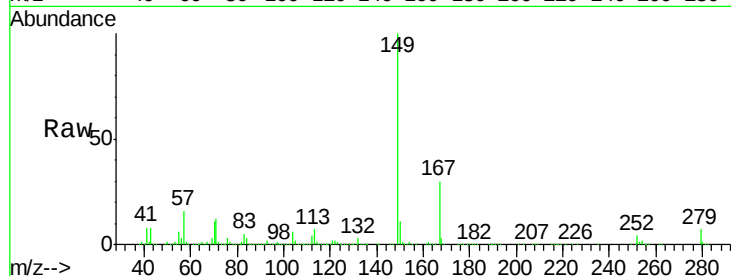
Tot Ion:149 Resp: 1047693

Ion Ratio Lower Upper

149 100

167 29.7 22.7 34.1

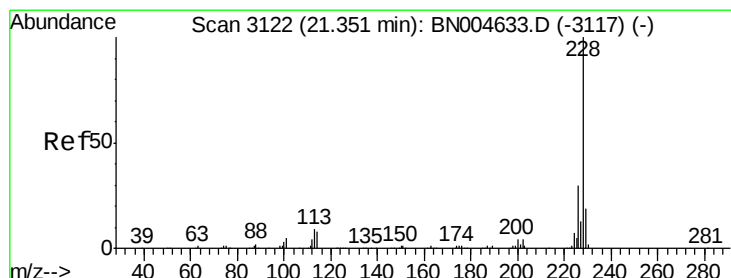
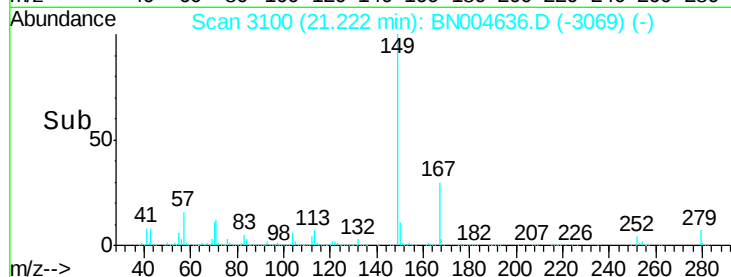
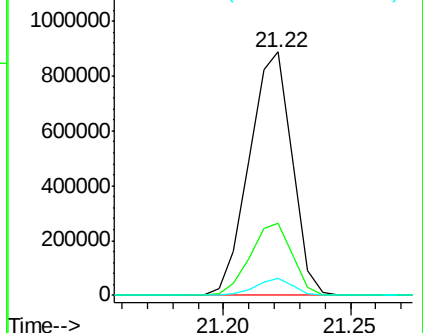
279 7.1 4.3 6.5#



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



#85

Chrysene

Concen: 146.837 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

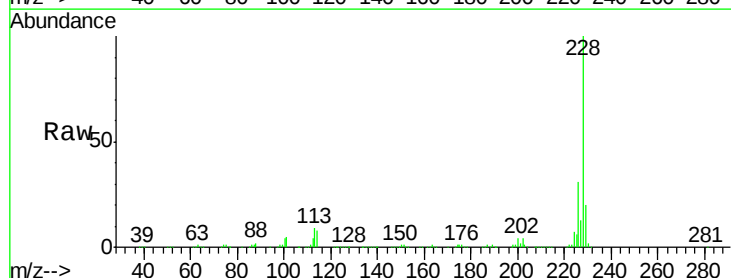
Tgt Ion:228 Resp: 1531929

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

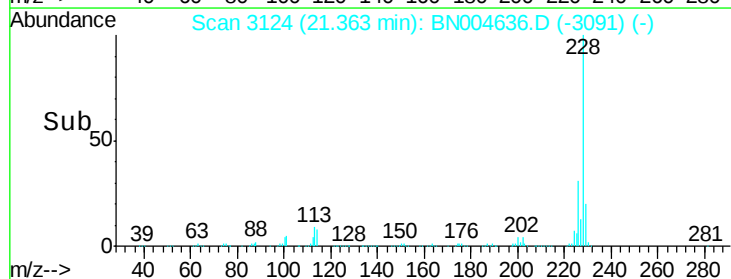
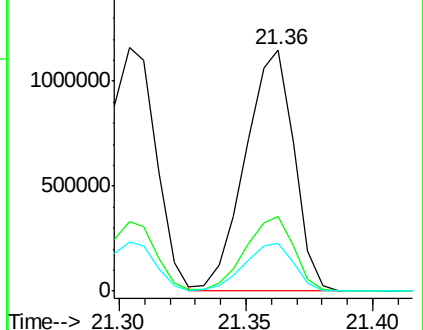
229 19.8 15.7 23.5

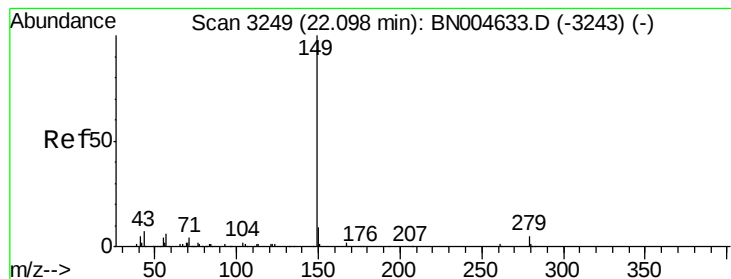


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



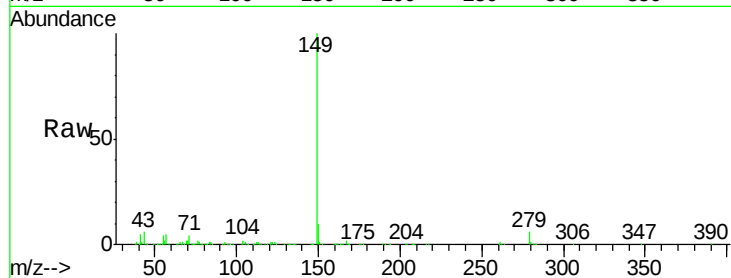


#87

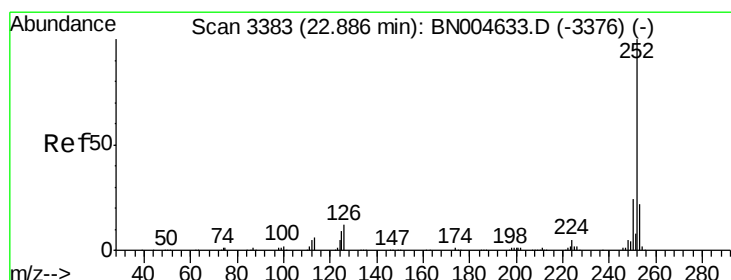
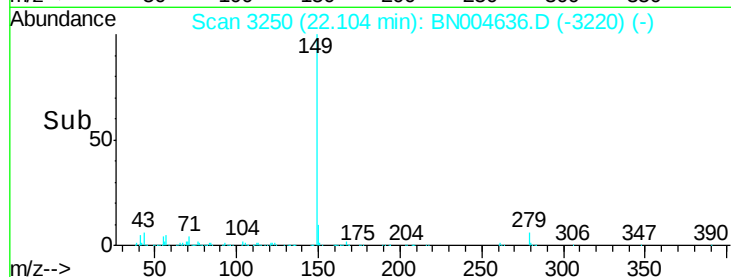
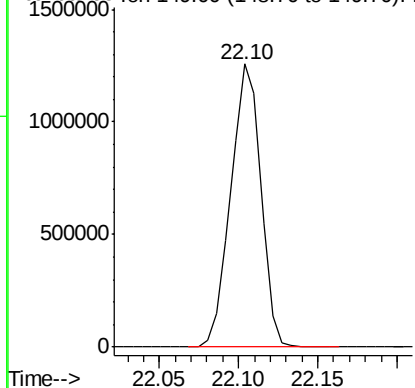
Di-n-octyl phthalate
 Concen: 200.915 ng/ul
 RT: 22.10 min Scan# 3250
 Delta R.T. -0.02 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1648516



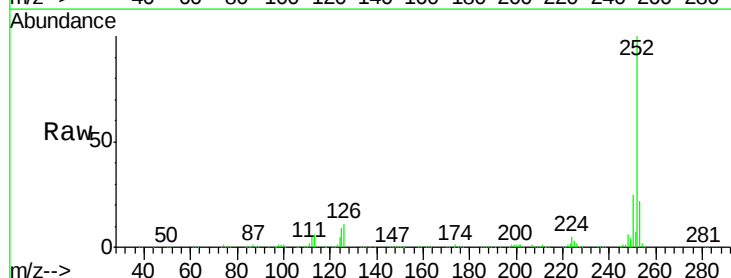
Abundance Ion 149.00 (148.70 to 149.70): E



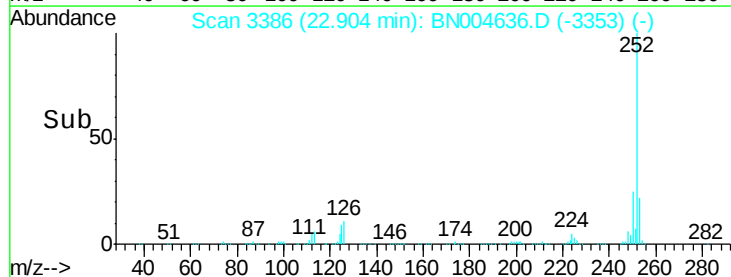
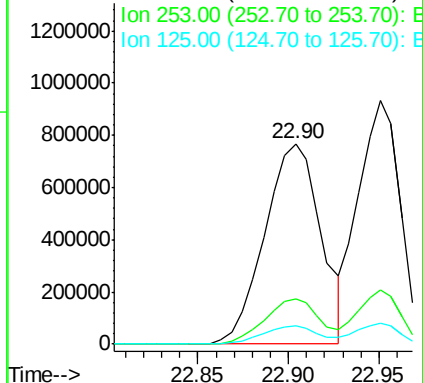
#88

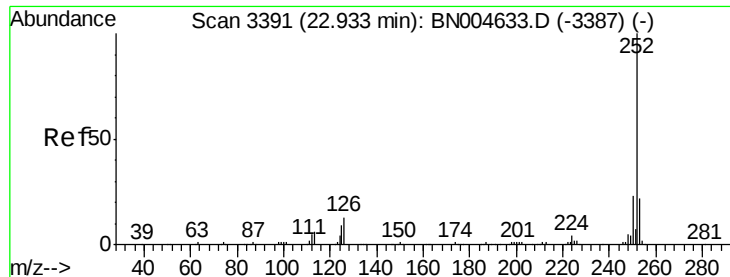
Benzo(b)fluoranthene
 Concen: 163.816 ng/ul
 RT: 22.90 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: BN004636.D
 Acq: 07 Mar 2019 14:17

Tgt Ion:252 Resp: 1662611
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 151.317 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

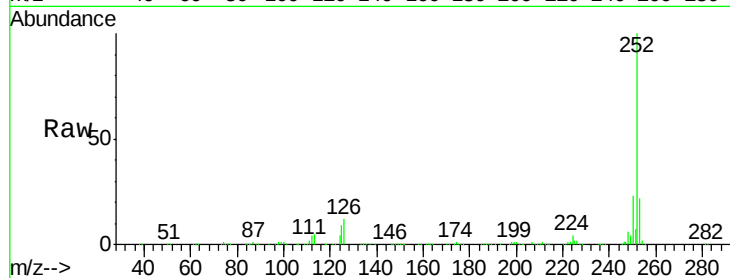
Tot Ion:252 Resp: 1492982

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

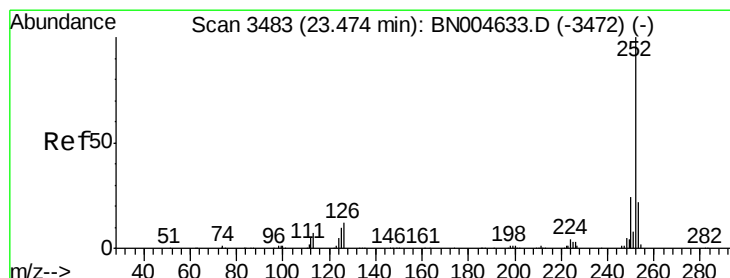
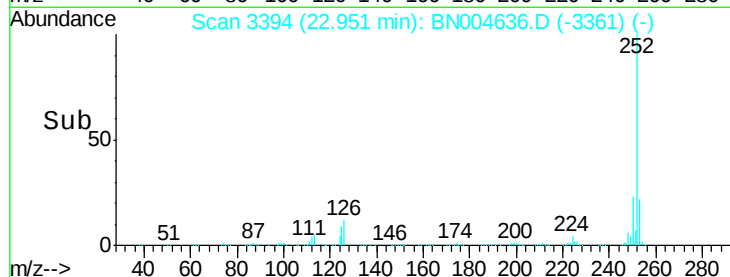
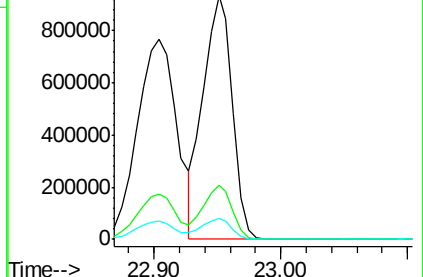
125 8.6 7.4 11.0



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



#91

Benzo(a)pyrene

Concen: 153.821 ng/ul

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

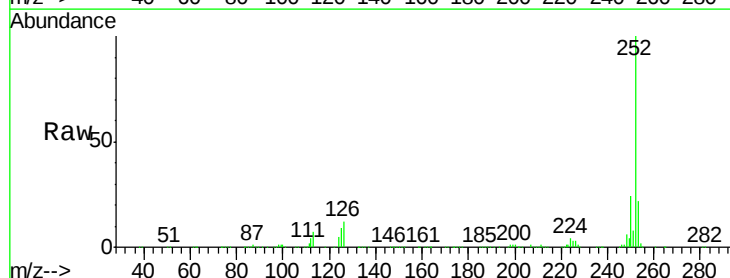
Tgt Ion:252 Resp: 1523335

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

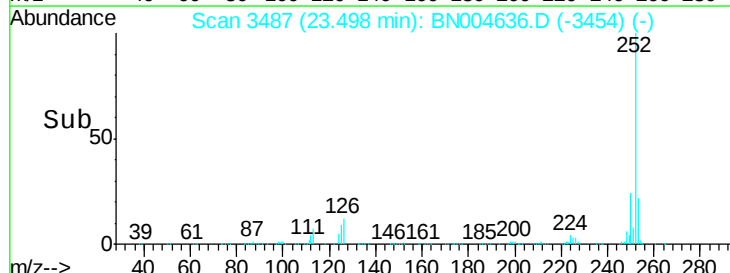
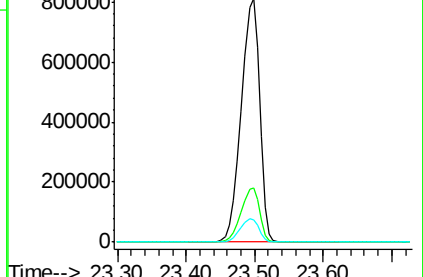
125 9.3 8.4 12.6

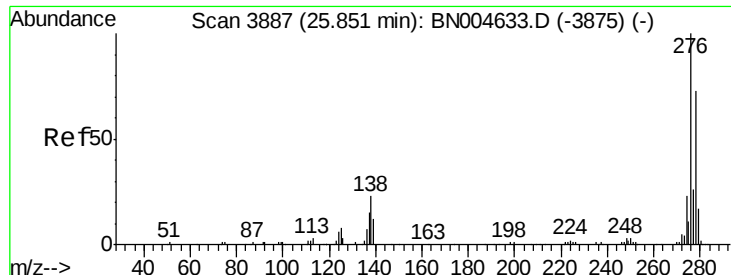


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



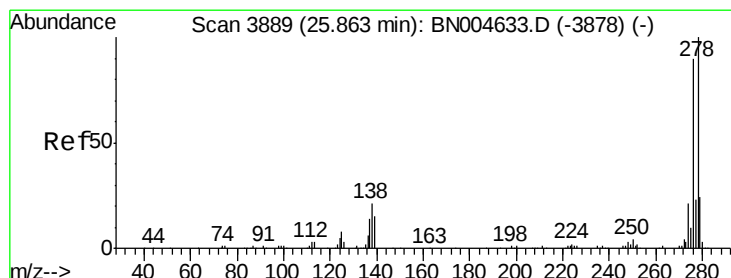
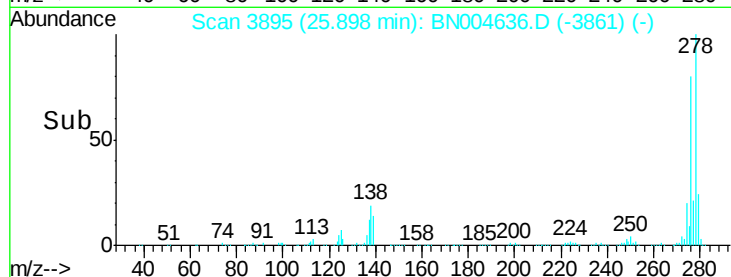
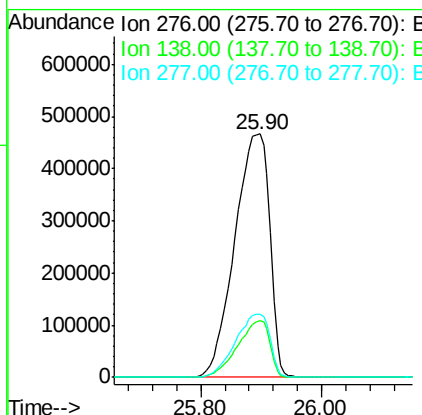
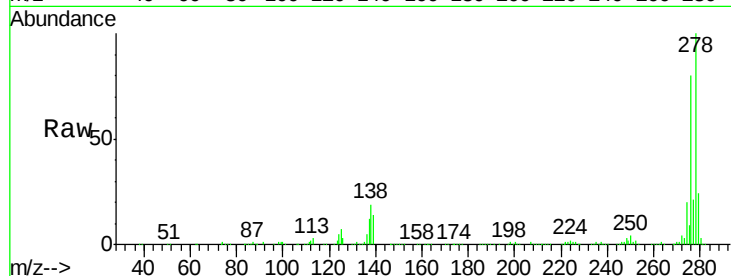


#92

Indeno(1,2,3-cd)pyrene
Concen: 149.015 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.00 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Instrument :
BNA_N
ClientSampleId :

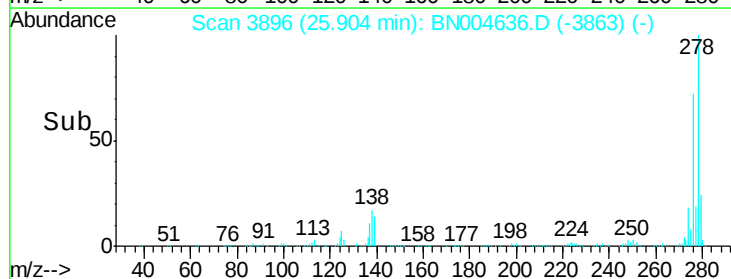
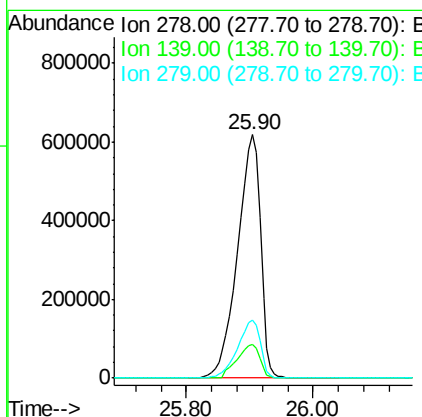
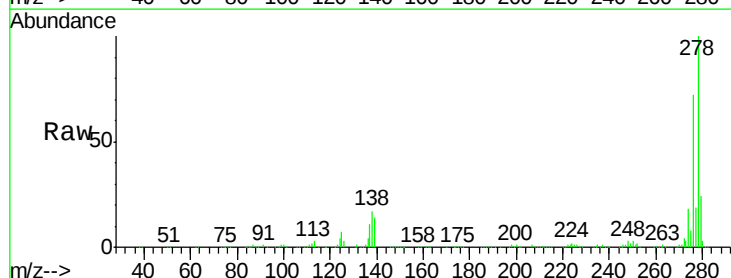
Tot Ion:276 Resp: 1873809
Ion Ratio Lower Upper
276 100
138 23.4 18.7 28.1
277 26.2 19.8 29.8

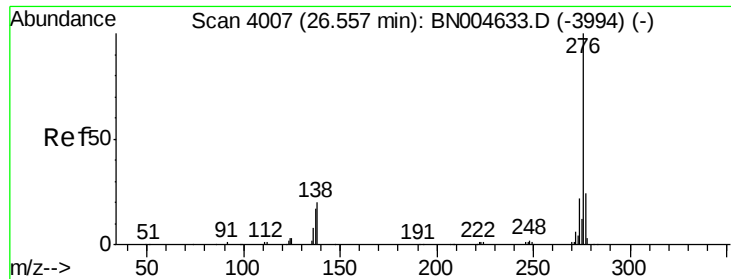


#93

Dibenzo(a,h)anthracene
Concen: 148.088 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BN004636.D
Acq: 07 Mar 2019 14:17

Tgt Ion:278 Resp: 1549293
Ion Ratio Lower Upper
278 100
139 13.9 12.4 18.6
279 24.0 19.3 28.9





#94

Benzo(a,h,i)perylene

Concen: 148.640 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BN004636.D

Acq: 07 Mar 2019 14:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 1566515

Ion Ratio Lower Upper

276 100

138 18.4 16.7 25.1

277 23.7 19.0 28.6

