

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031519\
 Data File : BN004765.D
 Acq On : 15 Mar 2019 11:20
 Operator : JU/SJ
 Sample : K1410-07RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2F77RE

Quant Time: Mar 15 22:51:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 04:01:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	24634	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	108987	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	67129	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.10	188	163910	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	212171	20.00	ng/ul	-0.01
86) Perylene-d12	23.56	264	232786	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	1719	3.94	ng/uL	-0.01
5) Phenol-d5	6.88	99	50576	24.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	26426	24.89	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	44977	25.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	41315	23.34	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	22683	27.30	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.59	143	25779	27.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	50029	27.82	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.64	131	51023	23.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	189760	32.69	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	208501	29.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	31815	29.53	ng/ul	0.00
58) Fluorene-d10	15.35	176	162108	32.86	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.47	200	32671	28.87	ng/ul	0.00
71) Anthracene-d10	17.20	188	280918	35.19	ng/ul	0.00
79) Pyrene-d10	19.50	212	345455	33.32	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.42	264	448690	35.89	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	8411	15.628 ng/uL#	92
8) Bis(2-Chloroethyl)ether	7.14	93	52582	34.484 ng/ul	97
10) 2-Chlorophenol	7.27	128	57926	32.502 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	43977	25.006 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	22298	17.791 ng/ul	97
17) Hexachloroethane	8.77	117	15426	23.111 ng/ul	86
20) Nitrobenzene	8.91	77	50071	29.352 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.91	93	51911	24.129 ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	53633	30.302 ng/ul	99
28) Naphthalene	10.55	128	129540	22.812 ng/ul	100
31) Hexachlorobutadiene	10.81	225	22180	18.856 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	29453	12.477 ng/ul	98
38) Hexachlorocyclopentadiene	12.50	237	31379	19.296 ng/ul	98
39) 2,4,6-Trichlorophenol	12.77	196	72277	47.534 ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	45759	27.491 ng/ul	97
42) 2-Chloronaphthalene	13.22	162	110884	25.823 ng/ul	100
45) Dimethylphthalate	13.81	163	210591	36.978 ng/ul	99
46) 2,6-Dinitrotoluene	13.94	165	21513	18.657 ng/ul	98
48) Acenaphthylene	14.07	152	156225	22.882 ng/ul	99
50) Acenaphthene	14.42	153	93408	20.014 ng/ul	99
54) Dibenzofuran	14.75	168	150249	22.413 ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	28681	16.839 ng/ul	100
57) Diethylphthalate	15.17	149	156980	27.201 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

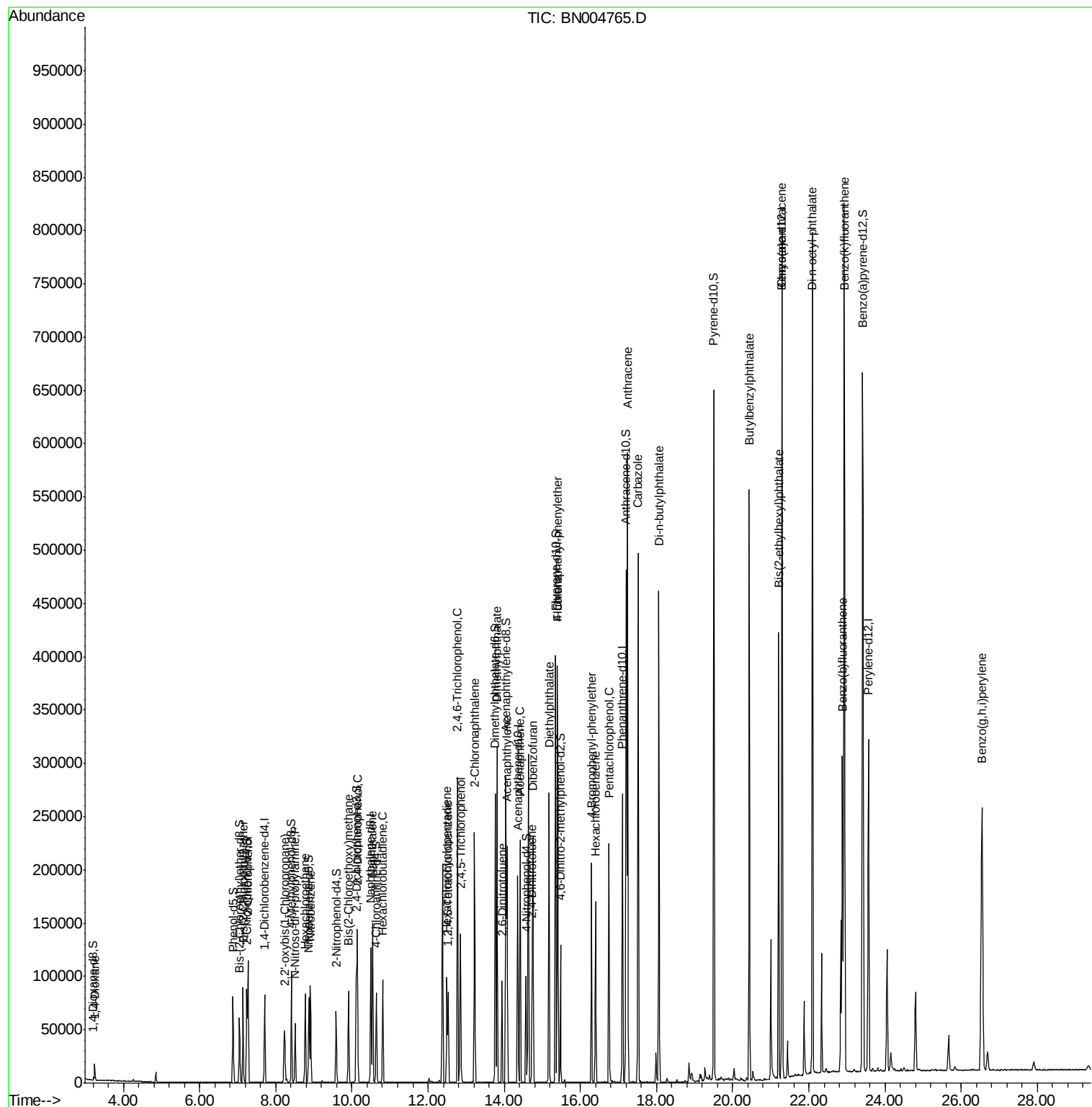
59) Fluorene	15.40	166	132700	24.670	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	41405	14.499	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	45461	22.601	ng/ul	97
67) Hexachlorobenzene	16.40	284	39235	16.994	ng/ul	97
69) Pentachlorophenol	16.75	266	46296	32.174	ng/ul	99
72) Anthracene	17.24	178	377375	40.523	ng/ul	100
75) Carbazole	17.52	167	316366	39.118	ng/ul	100
76) Di-n-butylphthalate	18.06	149	332114	33.114	ng/ul	100
81) Butylbenzylphthalate	20.43	149	177766	33.660	ng/ul	99
83) Benzo(a)anthracene	21.29	228	383121	28.704	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	165490	21.562	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	549530	36.584	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	223274	15.453	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	558730	39.326	ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	336426	27.940	ng/ul	96

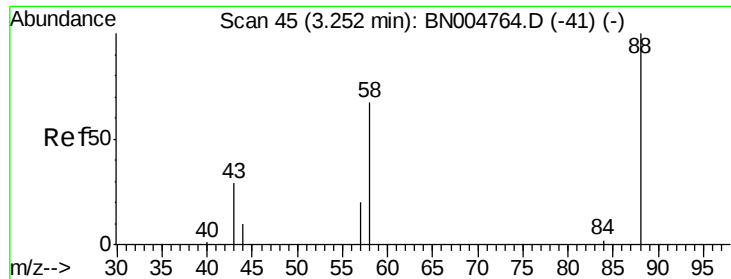
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.628 ng/uL

RT: 3.25 min Scan# 44

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

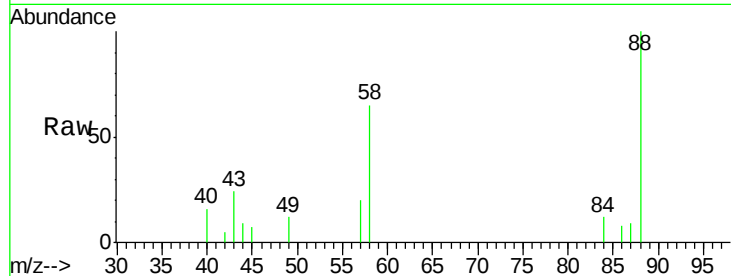
Tgt Ion: 88 Resp: 8411

Ion Ratio Lower Upper

88 100

43 24.3 25.6 38.4#

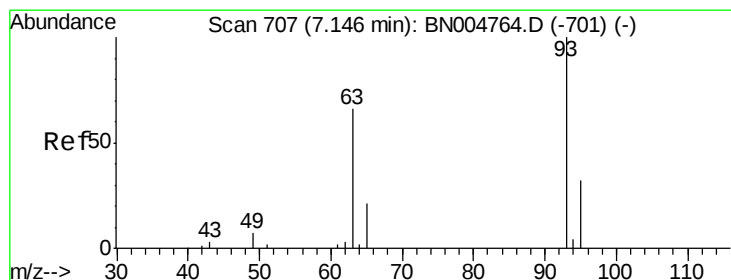
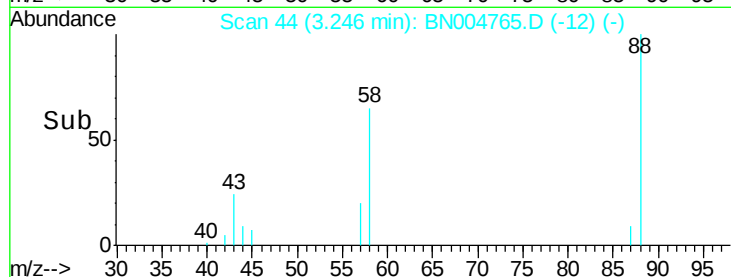
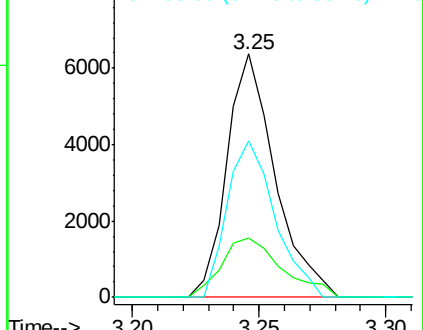
58 64.5 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

Ion 58.00 (57.70 to 58.70): BNC



#8

Bis(2-Chloroethyl)ether

Concen: 34.484 ng/uL

RT: 7.14 min Scan# 706

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

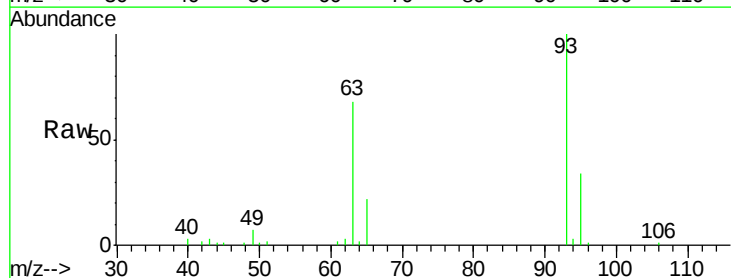
Tgt Ion: 93 Resp: 52582

Ion Ratio Lower Upper

93 100

63 67.9 52.8 79.2

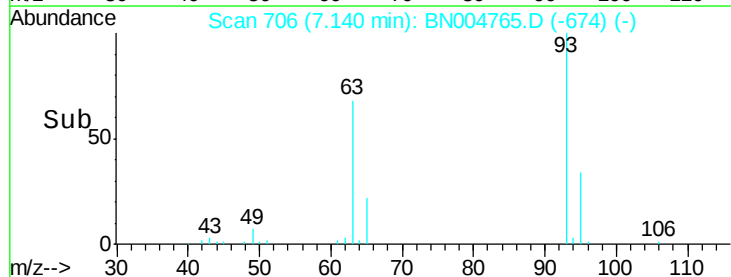
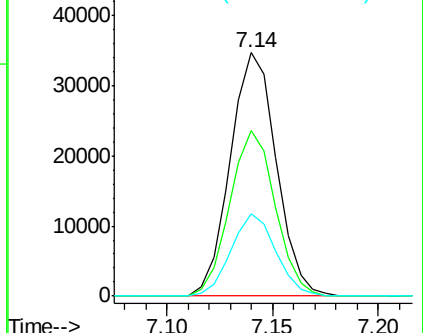
95 34.1 25.9 38.9

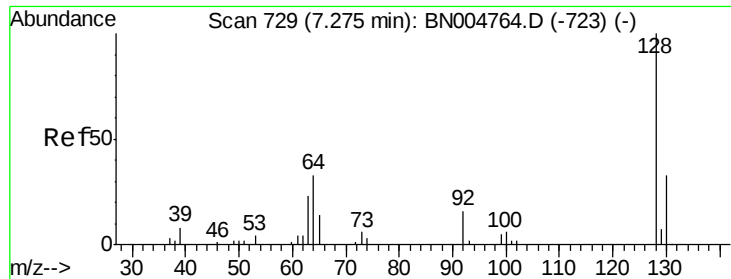


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

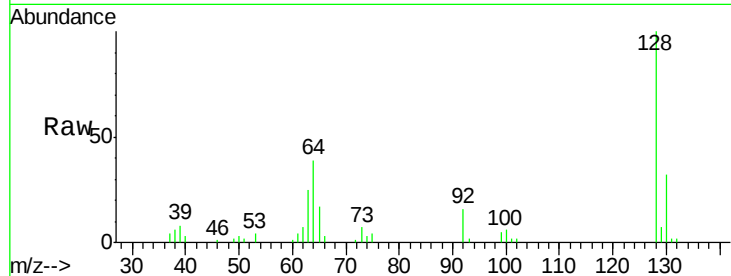




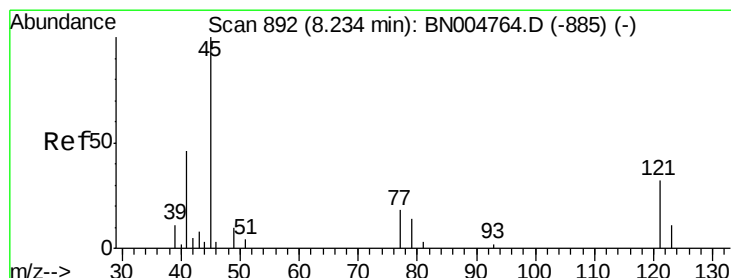
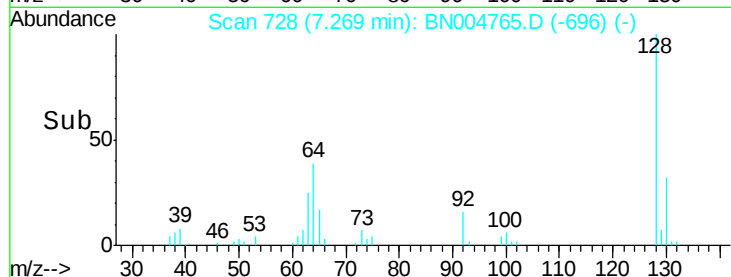
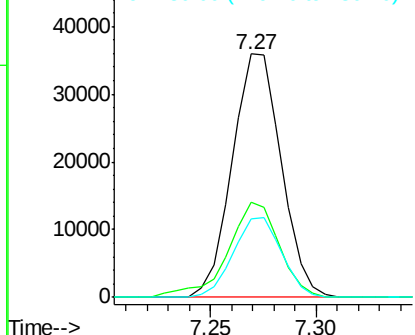
#10
 2-Chlorophenol
 Concen: 32.502 ng/ul
 RT: 7.27 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Instrument :
 BNA_N
 ClientSampleId :
 X2F77RE

Tgt Ion: 128 Resp: 57926
 Ion Ratio Lower Upper
 128 100
 64 39.0 31.0 46.6
 130 32.4 26.1 39.1

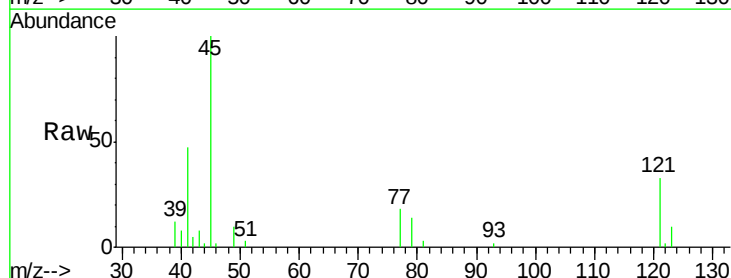


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 130.00 (129.70 to 130.70): E

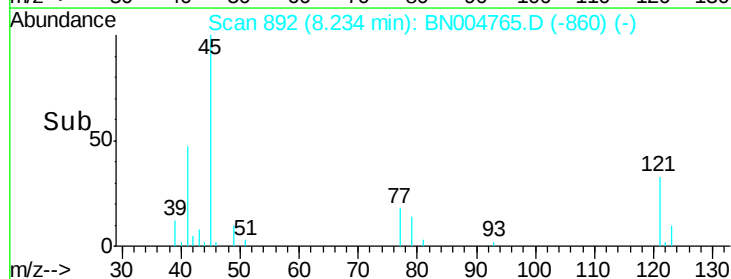
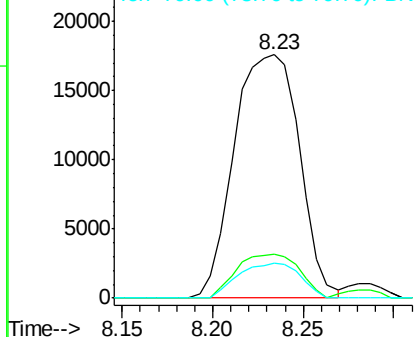


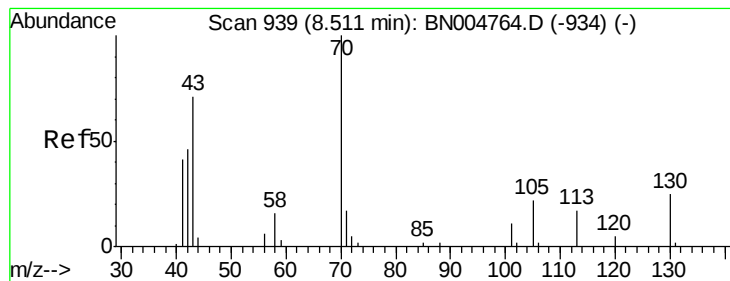
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 25.006 ng/ul
 RT: 8.23 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Tgt Ion: 45 Resp: 43977
 Ion Ratio Lower Upper
 45 100
 77 18.0 14.1 21.1
 79 14.4 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): BNC
 Ion 77.00 (76.70 to 77.70): BNC
 Ion 79.00 (78.70 to 79.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 17.791 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

Tgt Ion: 70 Resp: 22298

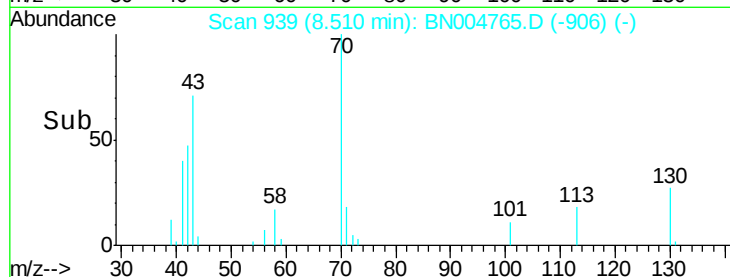
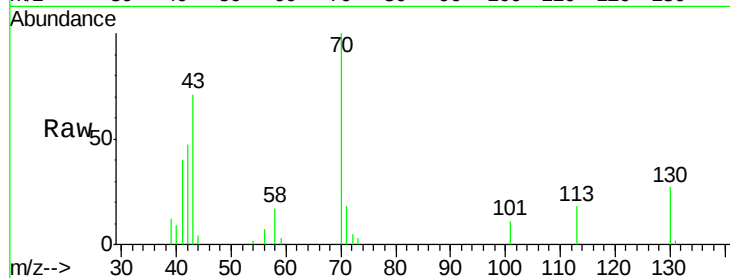
Ion Ratio Lower Upper

70 100

42 47.2 38.6 58.0

101 10.9 8.4 12.6

130 27.5 19.9 29.9

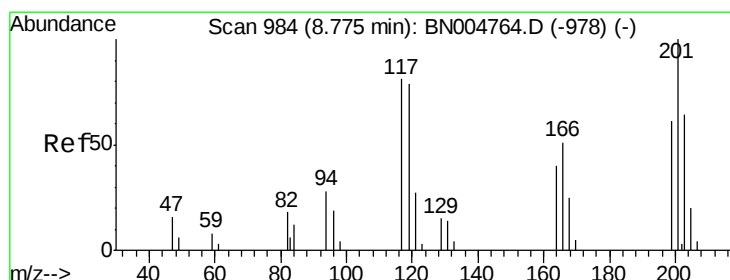
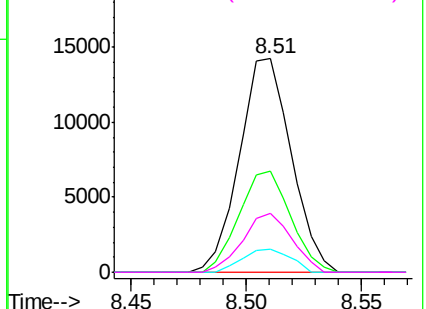


Abundance Ion 70.00 (69.70 to 70.70): BN004765.D (-906) (-)

Ion 42.00 (41.70 to 42.70): BN004765.D (-906) (-)

Ion 101.00 (100.70 to 101.70): BN004765.D (-906) (-)

Ion 130.00 (129.70 to 130.70): BN004765.D (-906) (-)



#17

Hexachloroethane

Concen: 23.111 ng/ul

RT: 8.77 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

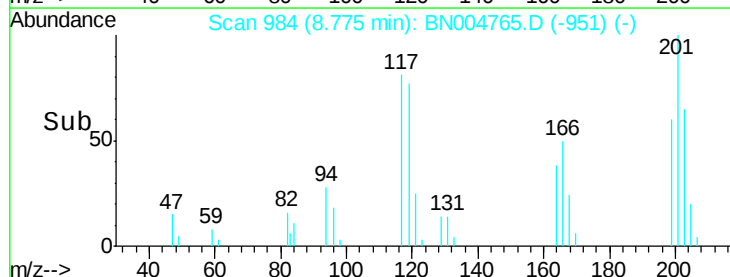
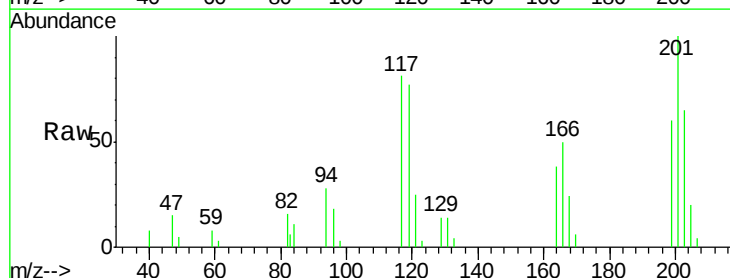
Tgt Ion: 117 Resp: 15426

Ion Ratio Lower Upper

117 100

201 123.7 85.0 127.6

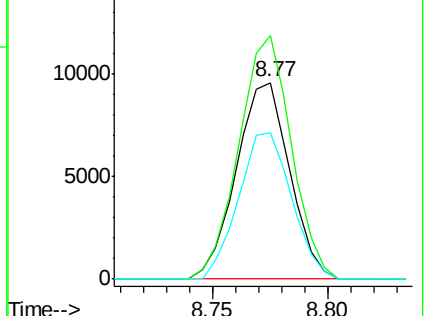
199 74.1 53.8 80.8

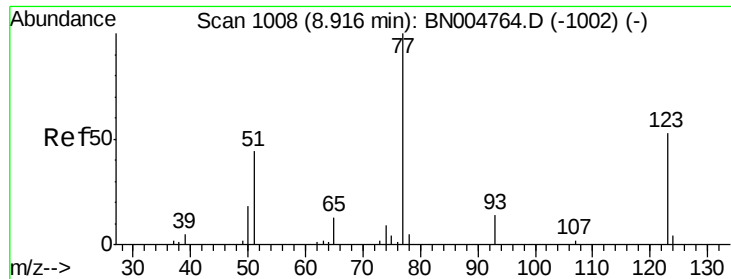


Abundance Ion 117.00 (116.70 to 117.70): BN004765.D (-951) (-)

Ion 201.00 (200.70 to 201.70): BN004765.D (-951) (-)

Ion 199.00 (198.70 to 199.70): BN004765.D (-951) (-)

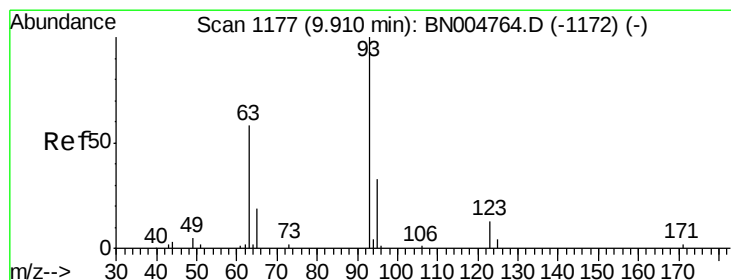
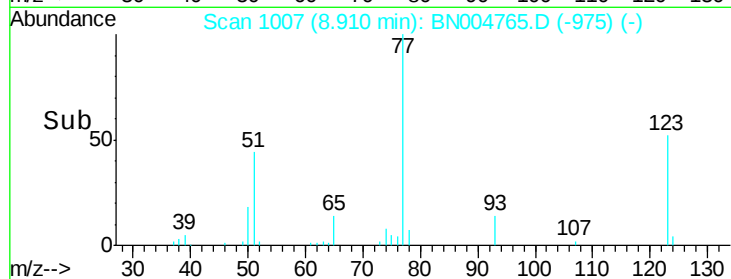
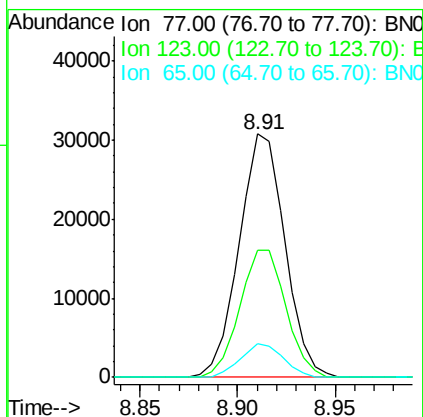
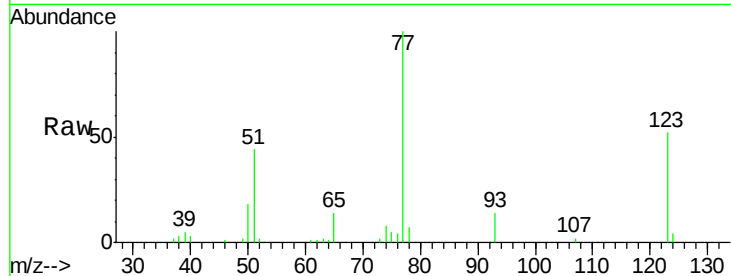




#20
 Nitrobenzene
 Concen: 29.352 ng/ul
 RT: 8.91 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

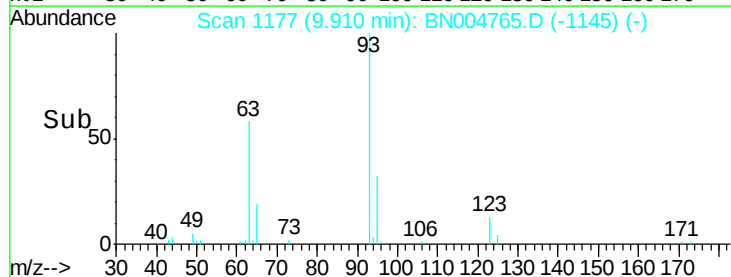
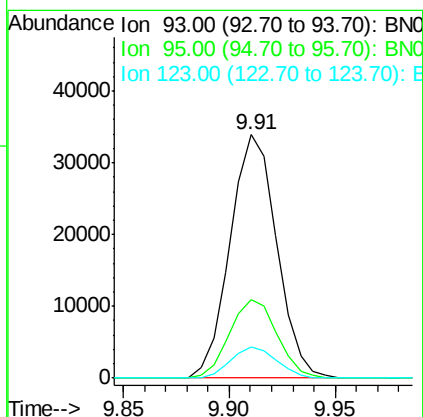
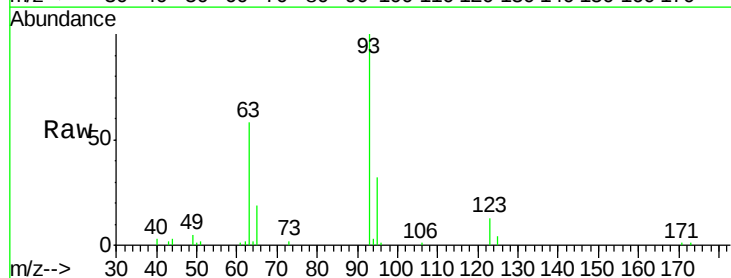
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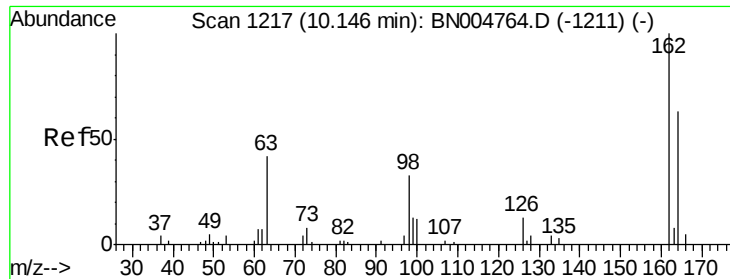
Tgt Ion: 77 Resp: 50071
 Ion Ratio Lower Upper
 77 100
 123 52.2 41.6 62.4
 65 13.6 10.2 15.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 24.129 ng/ul
 RT: 9.91 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Tgt Ion: 93 Resp: 51911
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 12.6 10.0 15.0

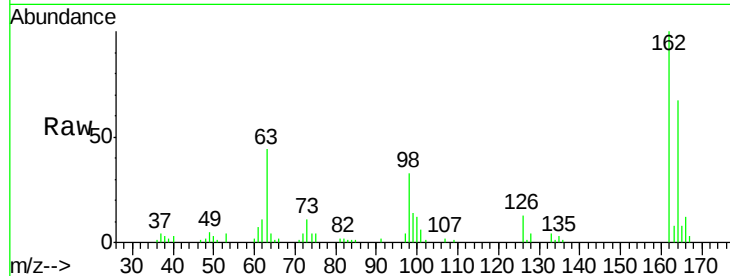




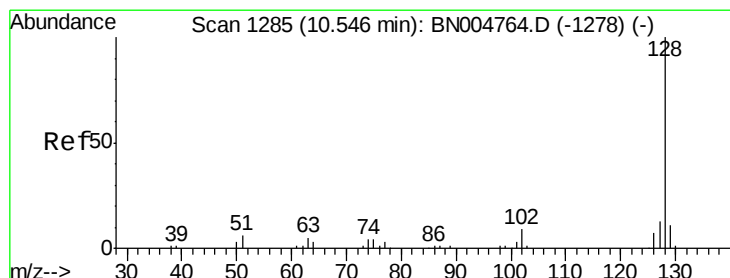
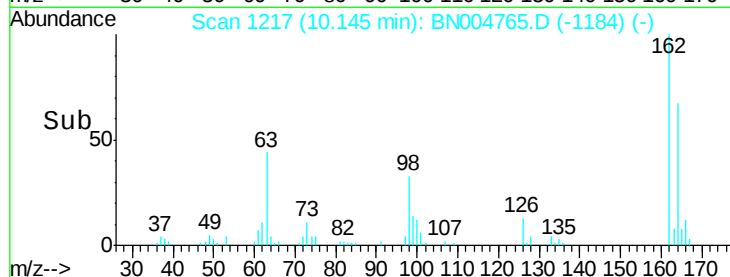
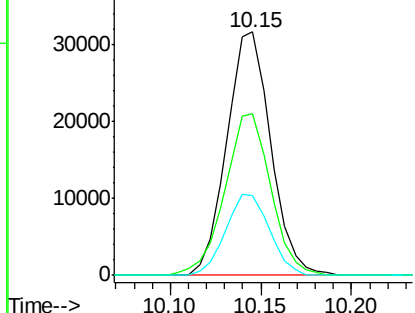
#27
 2,4-Dichlorophenol
 Concen: 30.302 ng/ul
 RT: 10.15 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Instrument :
 BNA_N
 ClientSampleId :
 X2F77RE

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	53.0	79.4
98	33.0	27.0	40.4

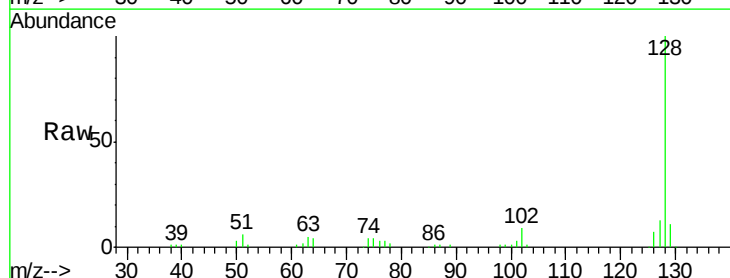


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

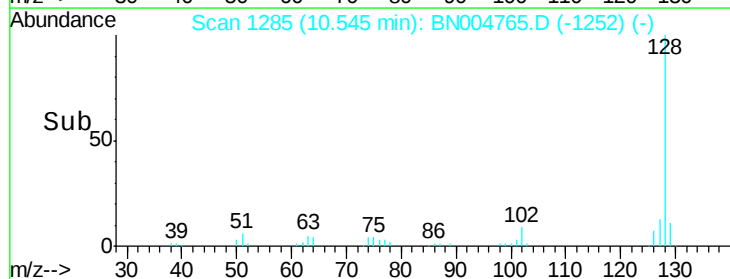
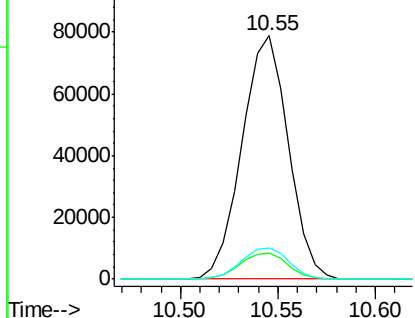


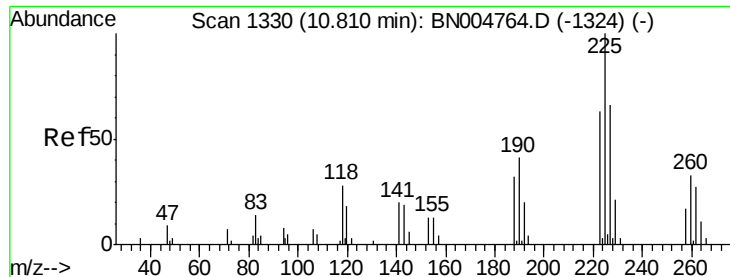
#28
 Naphthalene
 Concen: 22.812 ng/ul
 RT: 10.55 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BN004765.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.2	15.4



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





#31

Hexachlorobutadiene

Concen: 18.856 ng/ul

RT: 10.81 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

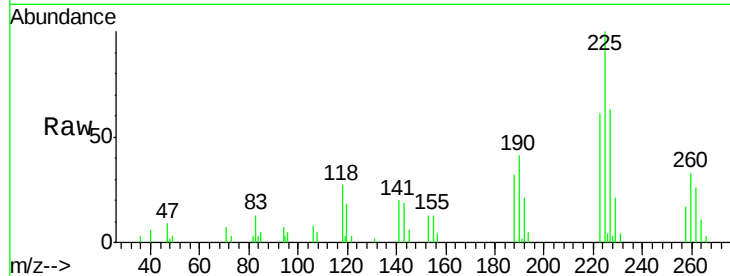
Tgt Ion:225 Resp: 22180

Ion Ratio Lower Upper

225 100

223 60.9 49.8 74.6

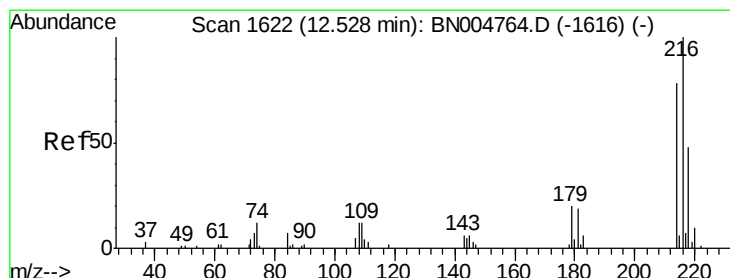
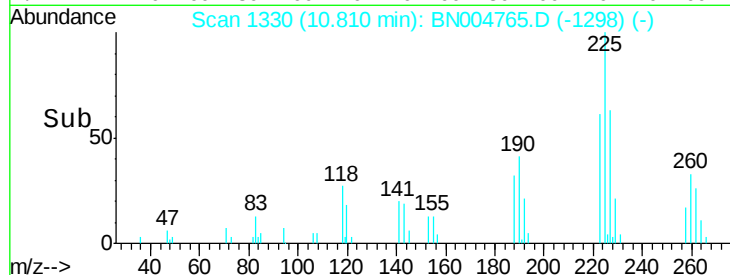
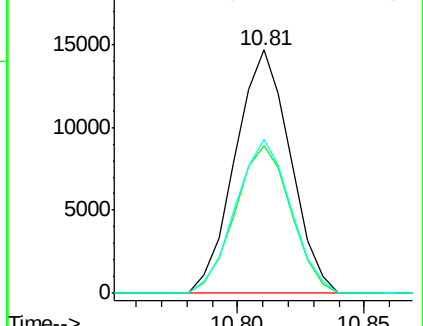
227 63.3 50.2 75.2



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 12.477 ng/ul

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Tgt Ion:216 Resp: 29453

Ion Ratio Lower Upper

216 100

214 77.8 60.9 91.3

179 20.1 16.2 24.4

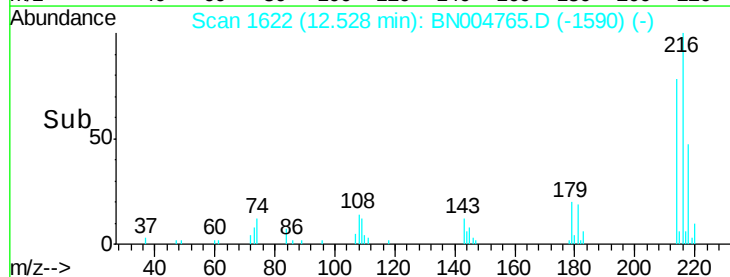
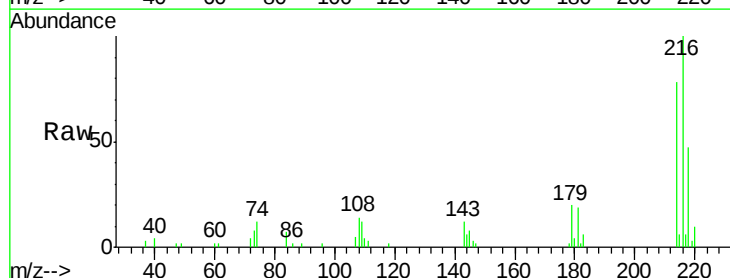
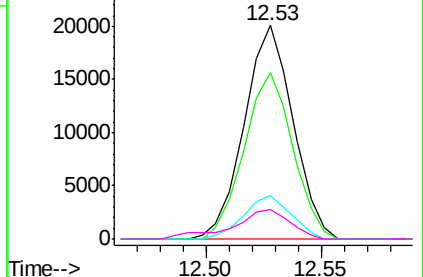
108 13.9 11.5 17.3

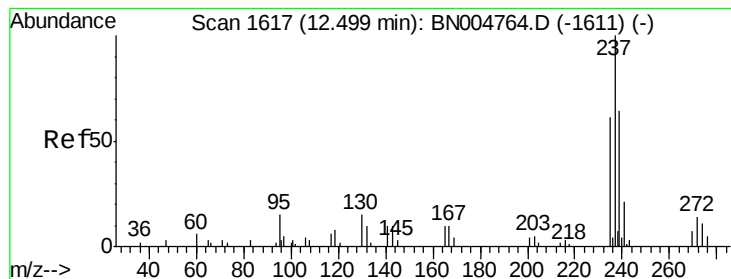
Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.296 ng/ul

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

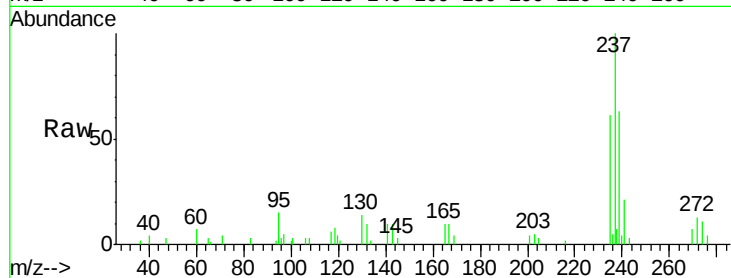
Tgt Ion: 237 Resp: 31379

Ion Ratio Lower Upper

237 100

235 61.5 50.8 76.2

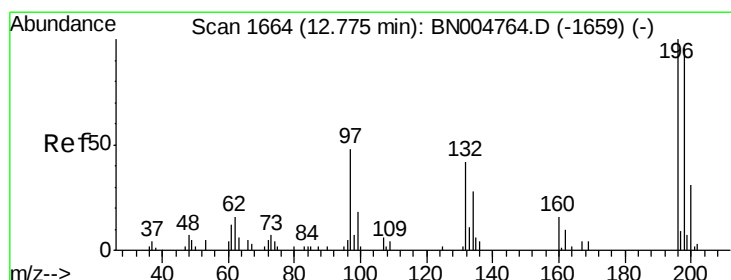
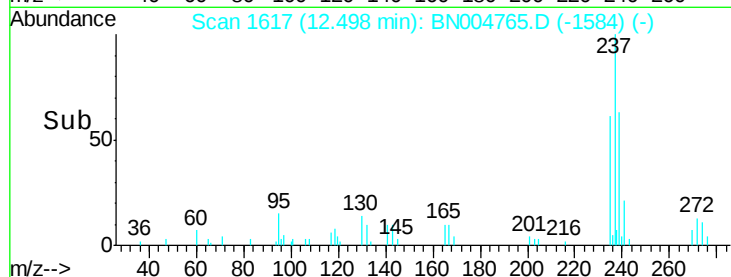
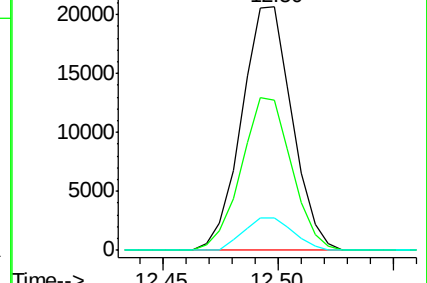
272 13.3 10.4 15.6



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: 47.534 ng/ul

RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

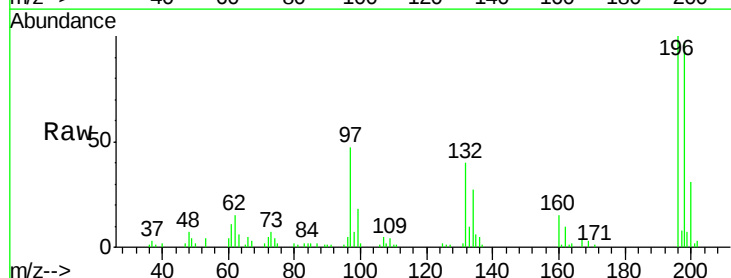
Tgt Ion: 196 Resp: 72277

Ion Ratio Lower Upper

196 100

198 96.7 76.6 115.0

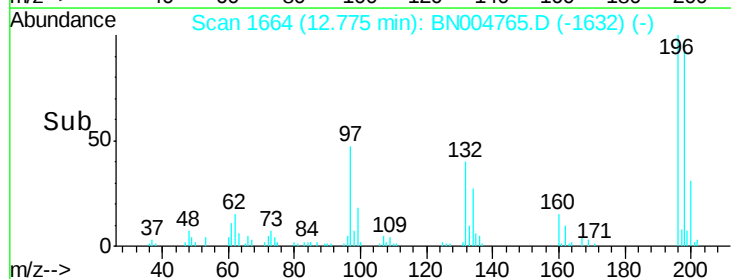
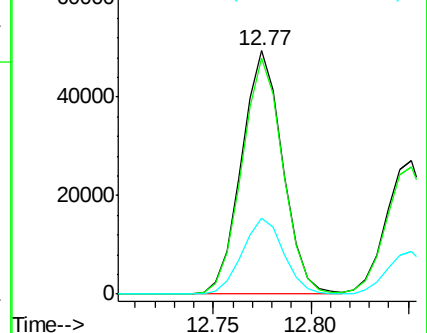
200 31.2 24.5 36.7

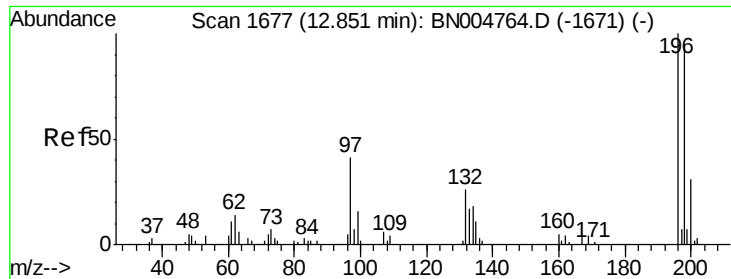


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

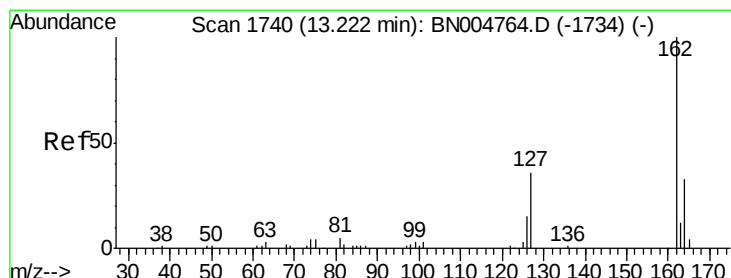
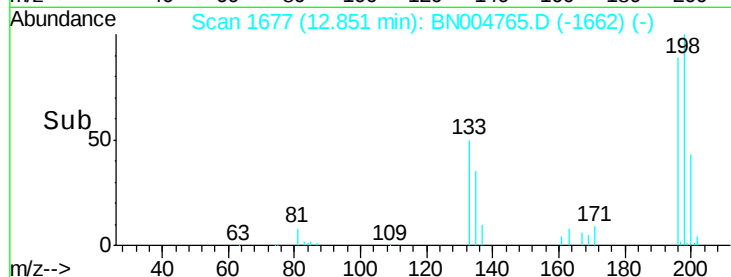
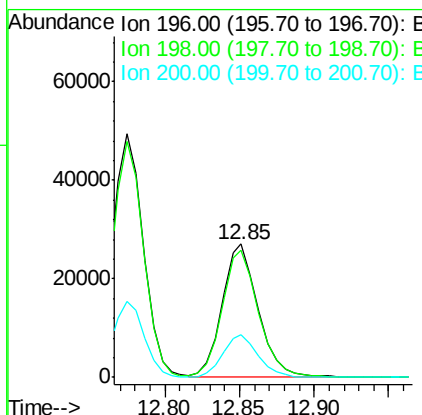
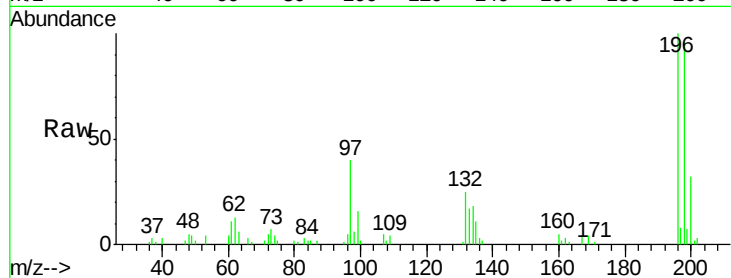




#40
 2,4,5-Trichlorophenol
 Concen: 27.491 ng/ul
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

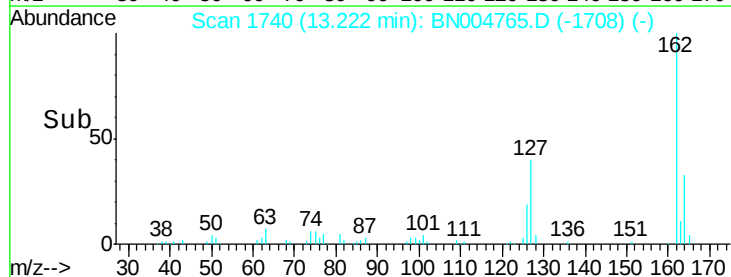
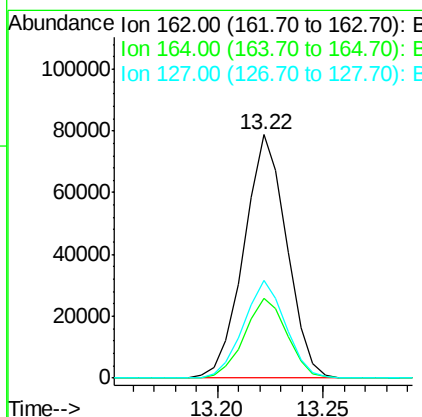
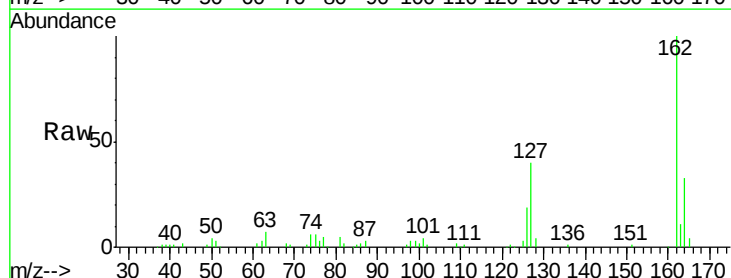
Instrument :
 BNA_N
 ClientSampleId :
 X2F77RE

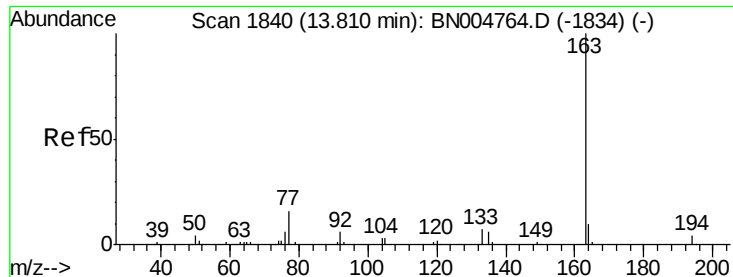
Tgt Ion:196 Resp: 45759
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.9 119.9
 200 32.0 25.9 38.9



#42
 2-Chloronaphthalene
 Concen: 25.823 ng/ul
 RT: 13.22 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Tgt Ion:162 Resp: 110884
 Ion Ratio Lower Upper
 162 100
 164 33.0 26.4 39.6
 127 39.9 31.8 47.6





#45

Dimethylphthalate

Concen: 36.978 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

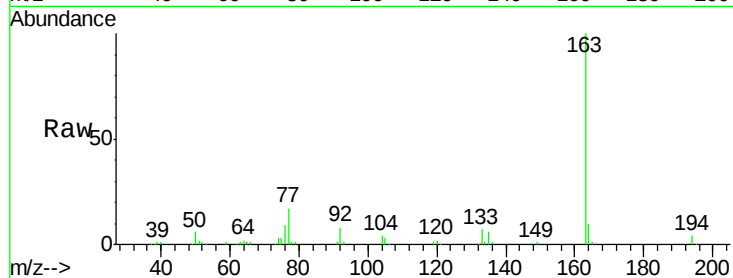
Tgt Ion:163 Resp: 210591

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

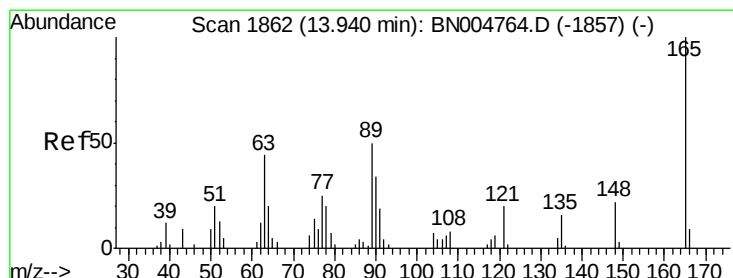
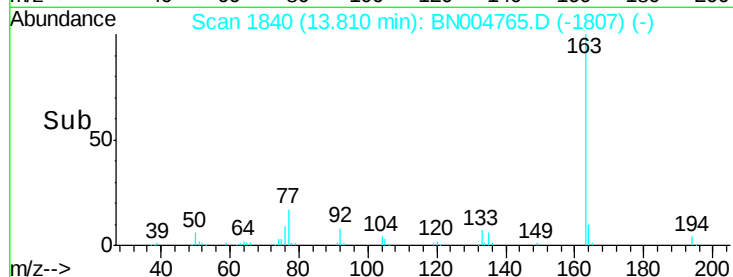
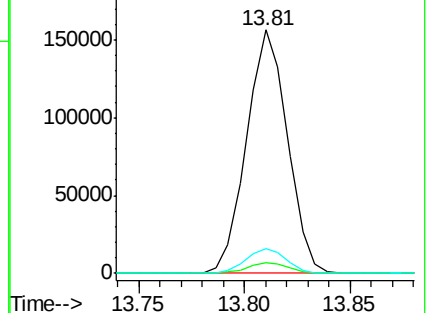
164 10.2 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 18.657 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

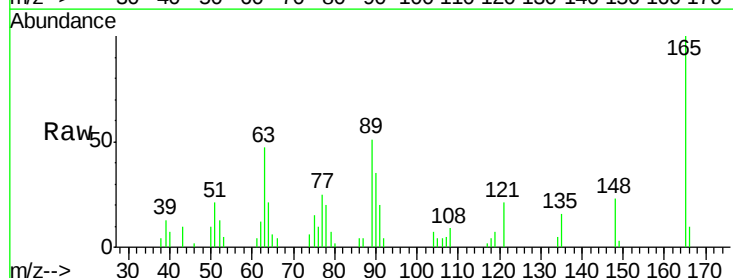
Tgt Ion:165 Resp: 21513

Ion Ratio Lower Upper

165 100

89 51.0 42.0 63.0

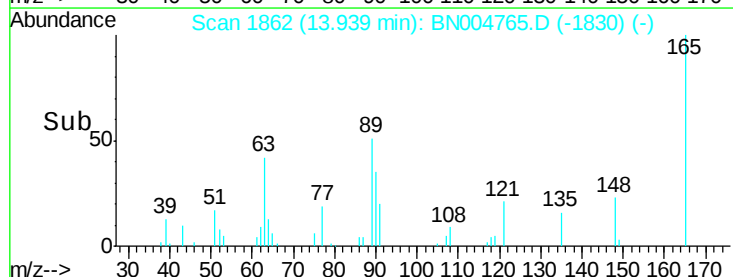
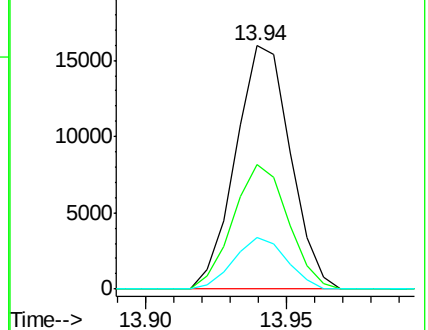
121 21.4 17.0 25.6

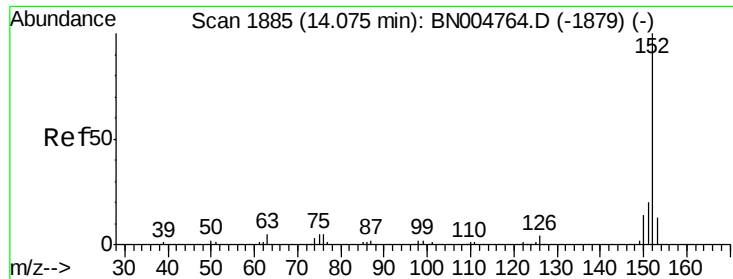


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 22.882 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampled :

X2F77RE

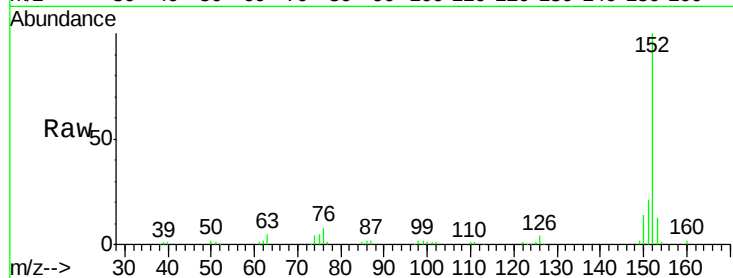
Tgt Ion:152 Resp: 156225

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

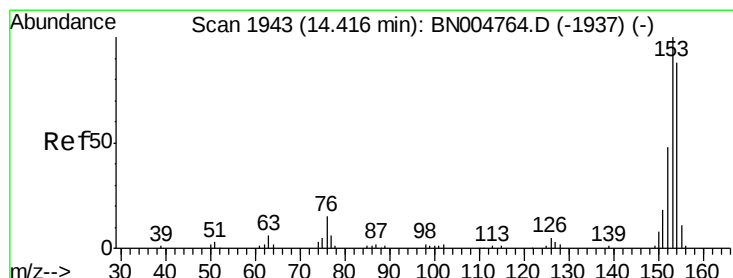
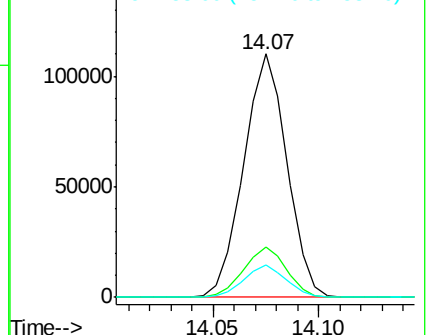
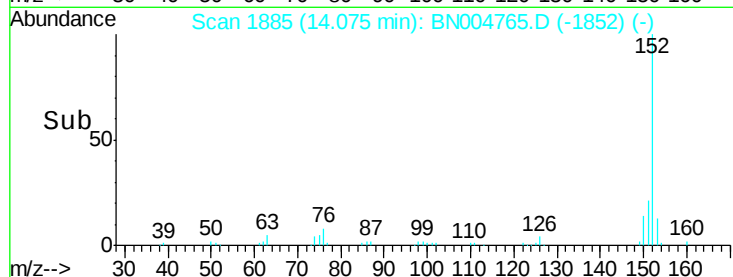
153 13.1 10.6 16.0



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



#50

Acenaphthene

Concen: 20.014 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

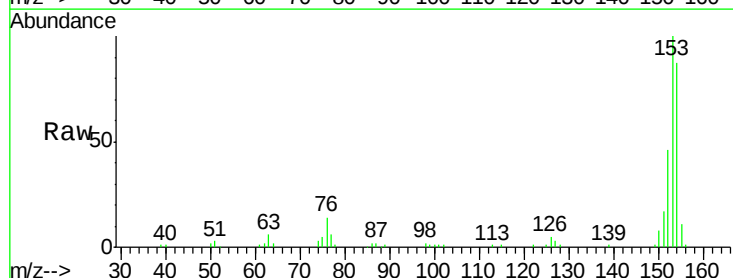
Tgt Ion:153 Resp: 93408

Ion Ratio Lower Upper

153 100

152 46.5 37.8 56.6

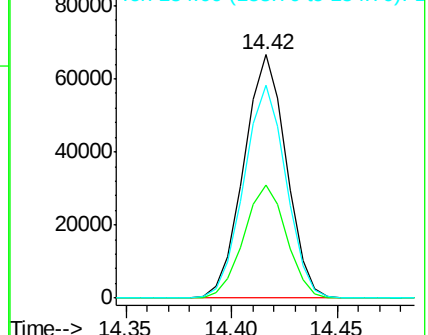
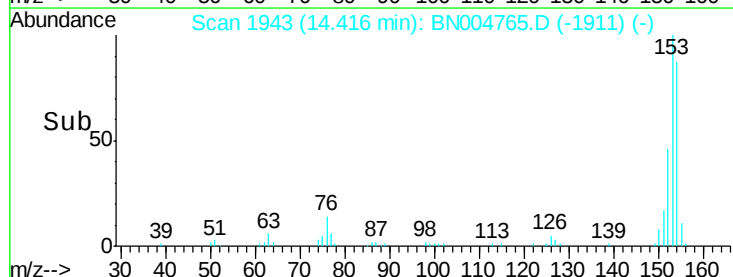
154 87.2 70.0 105.0

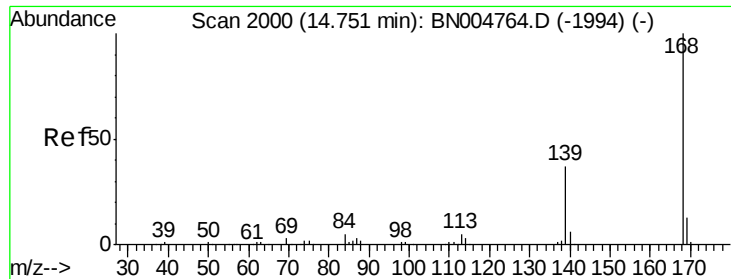


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 22.413 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

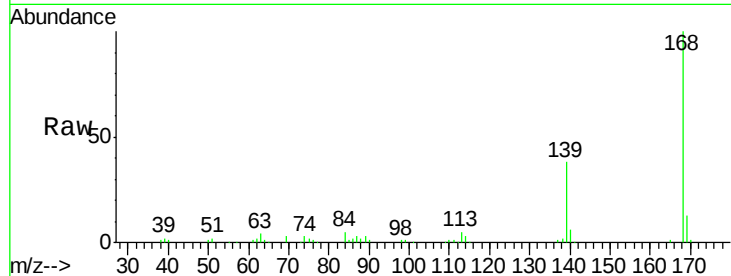
X2F77RE

Tgt Ion:168 Resp: 150249

Ion Ratio Lower Upper

168 100

139 38.4 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

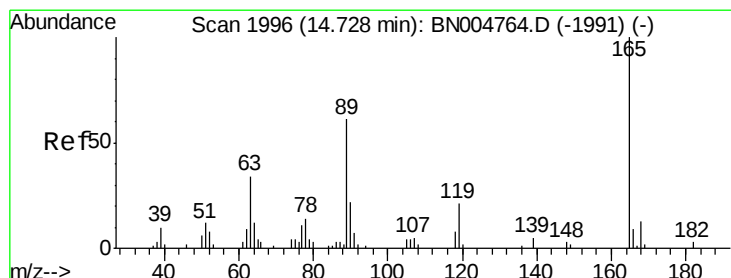
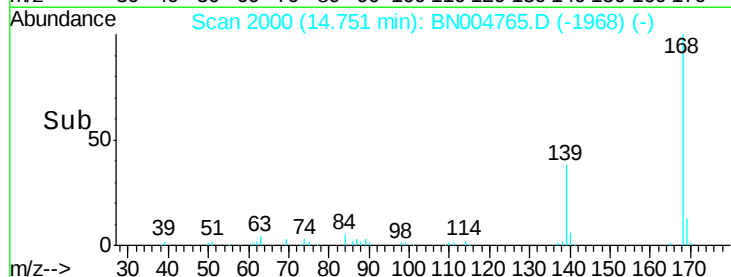
40000

20000

0

14.70 14.75 14.80

Time-->



#55

2,4-Dinitrotoluene

Concen: 16.839 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

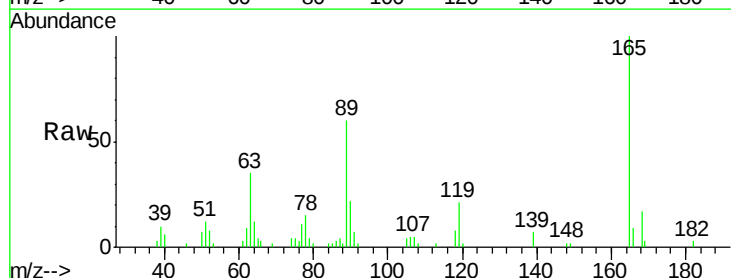
Tgt Ion:165 Resp: 28681

Ion Ratio Lower Upper

165 100

63 34.7 27.6 41.4

182 3.2 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

25000

20000

15000

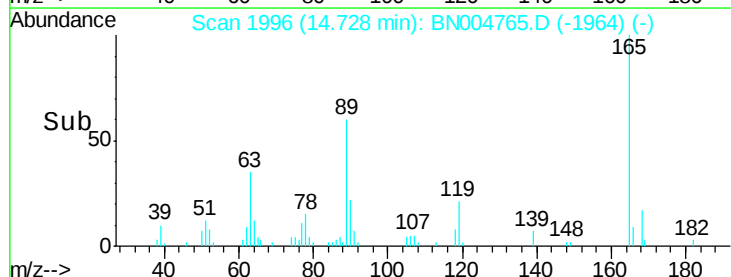
10000

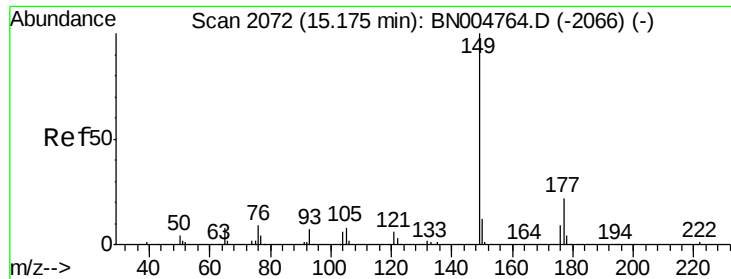
5000

0

14.70 14.75

Time-->

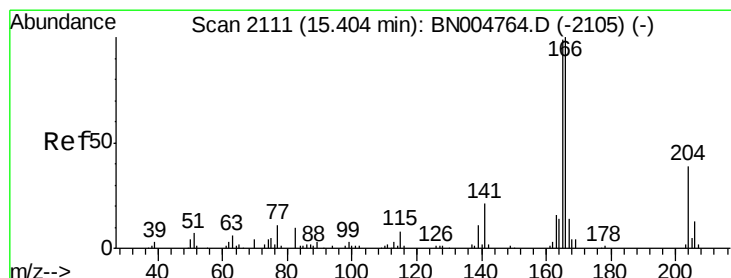
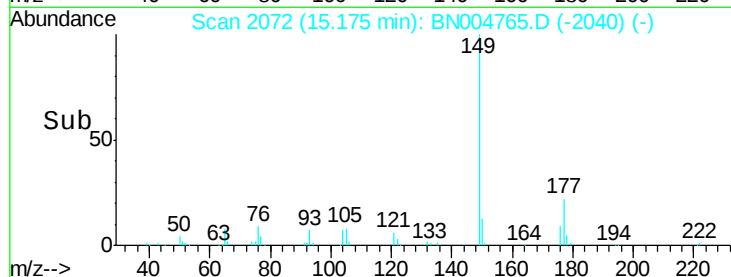
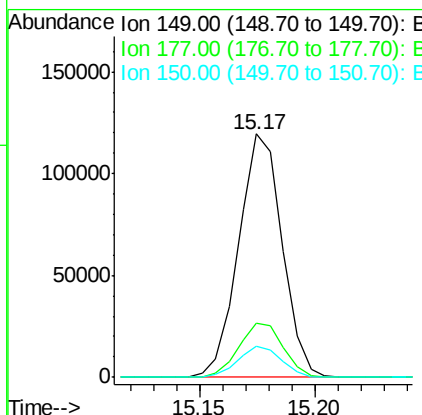
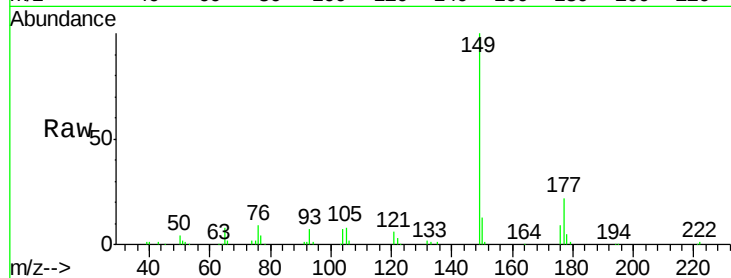




#57
Diethylphthalate
Concen: 27.201 ng/ul
RT: 15.17 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

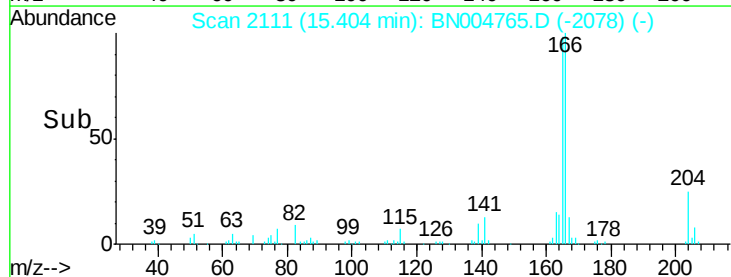
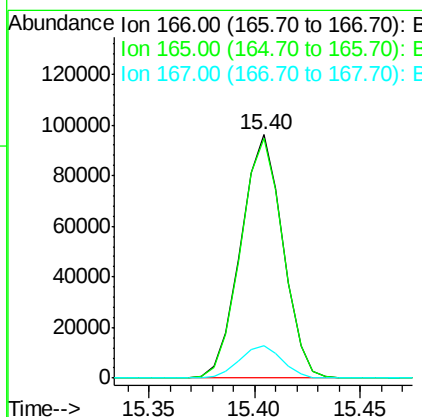
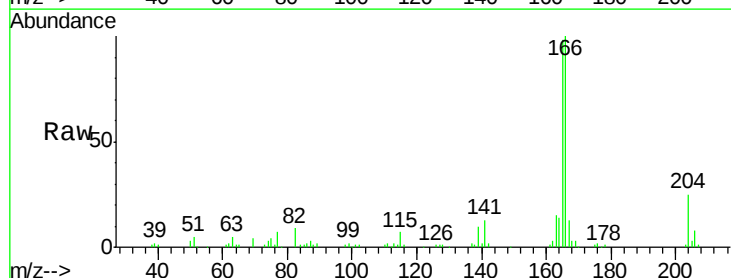
Instrument :
BNA_N
ClientSampleId :
X2F77RE

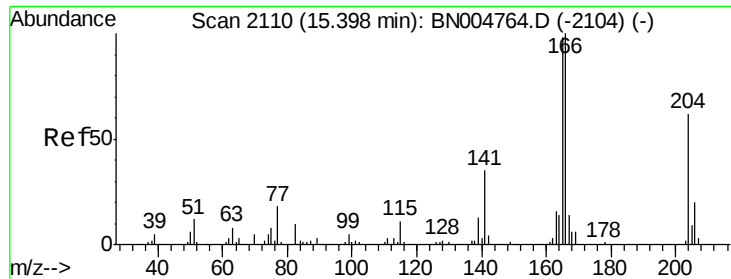
Tgt Ion:149 Resp: 156980
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.6 10.2 15.2



#59
Fluorene
Concen: 24.670 ng/ul
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

Tgt Ion:166 Resp: 132700
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.2 10.8 16.2

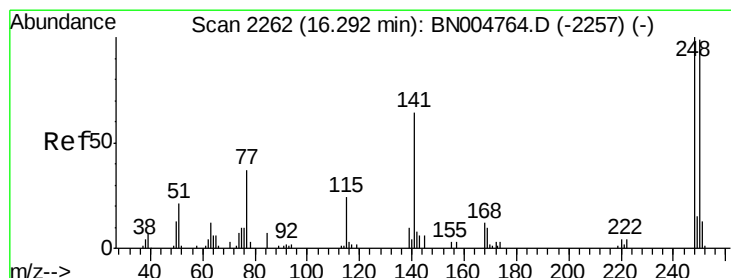
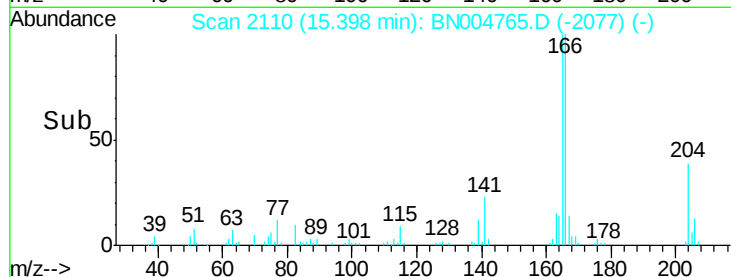
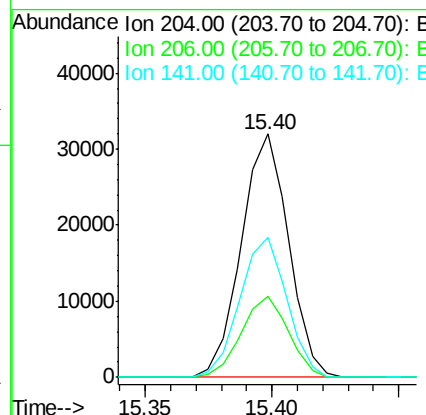
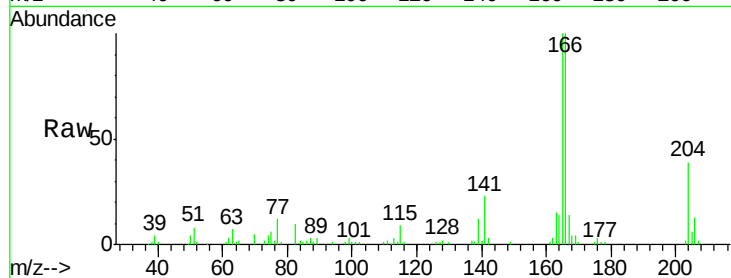




#60
 4-Chlorophenyl-phenylether
 Concen: 14.499 ng/u1
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

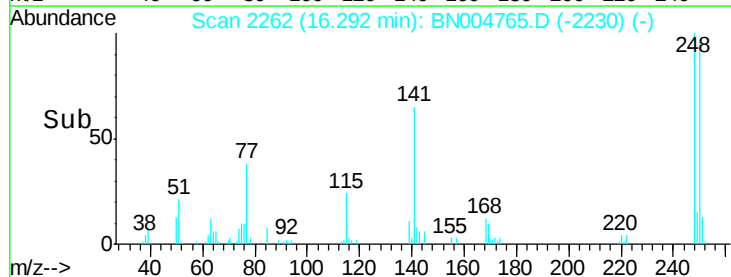
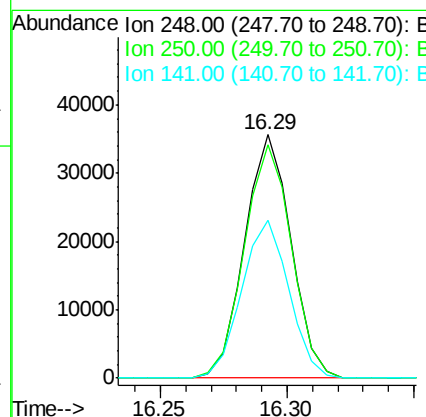
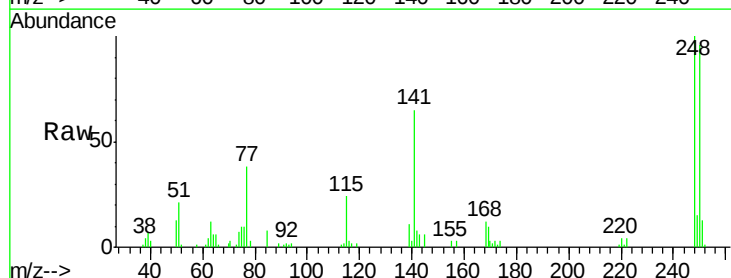
Instrument :
 BNA_N
 ClientSampleId :
 X2F77RE

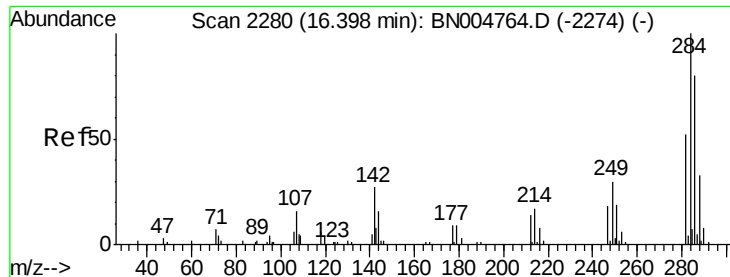
Tgt Ion:204 Resp: 41405
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.5 39.7
 141 57.5 44.8 67.2



#66
 4-Bromophenyl-phenylether
 Concen: 22.601 ng/u1
 RT: 16.29 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BN004765.D
 Acq: 15 Mar 2019 11:20

Tgt Ion:248 Resp: 45461
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.9 116.9
 141 64.9 55.1 82.7

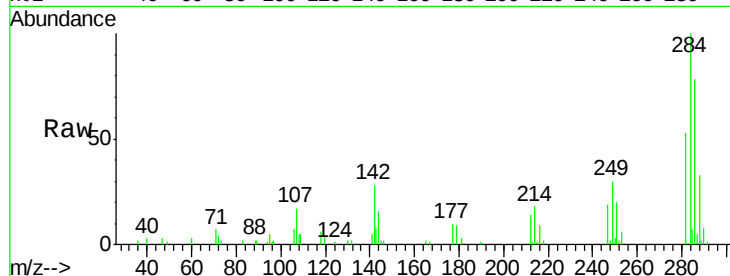




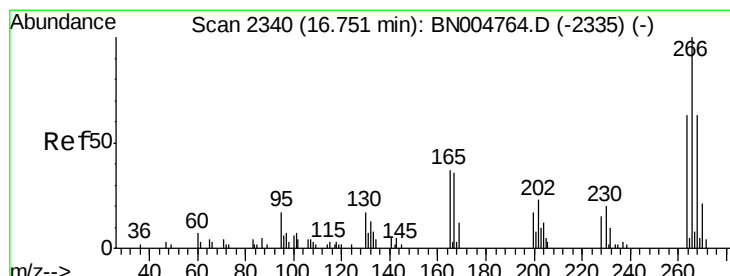
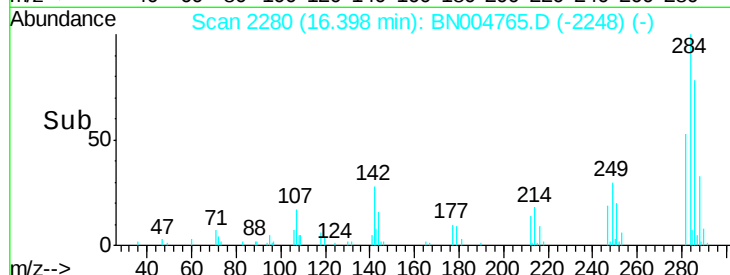
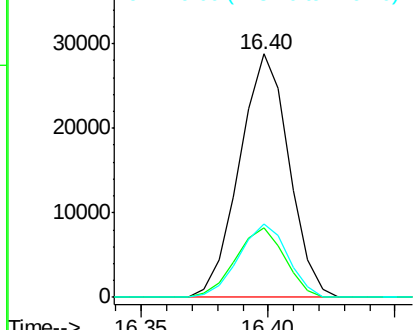
#67
Hexachlorobenzene
Concen: 16.994 ng/ul
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

Instrument :
BNA_N
ClientSampleId :
X2F77RE

Tgt Ion:284 Resp: 39235
Ion Ratio Lower Upper
284 100
142 28.3 24.5 36.7
249 30.1 25.0 37.6

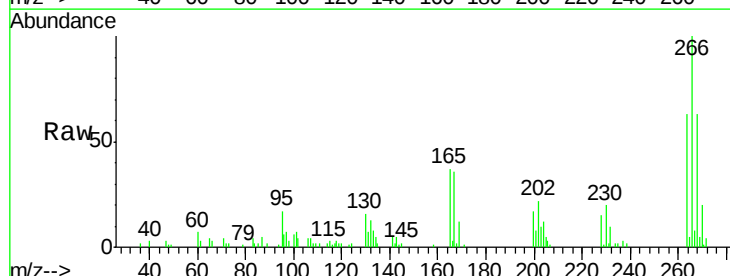


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

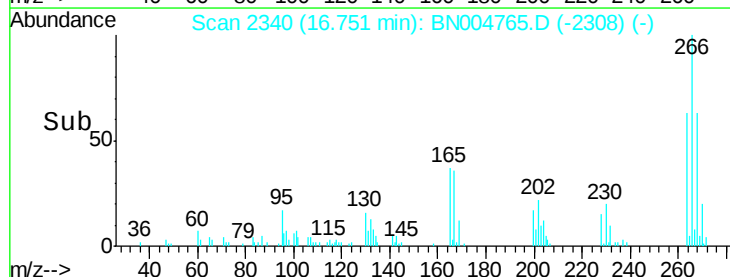
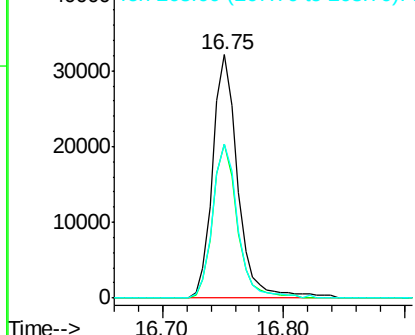


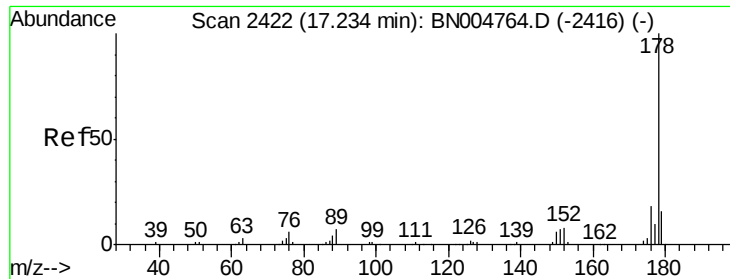
#69
Pentachlorophenol
Concen: 32.174 ng/ul
RT: 16.75 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

Tgt Ion:266 Resp: 46296
Ion Ratio Lower Upper
266 100
264 63.4 50.3 75.5
268 63.3 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





#72

Anthracene

Concen: 40.523 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

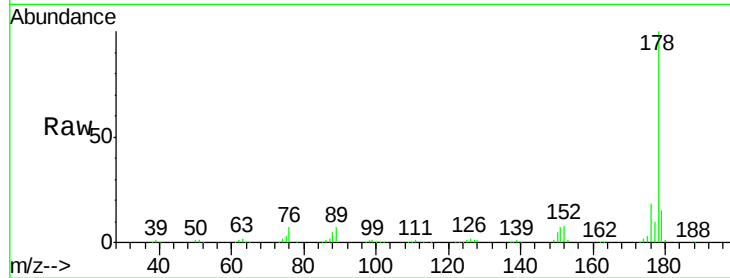
Tgt Ion:178 Resp: 377375

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

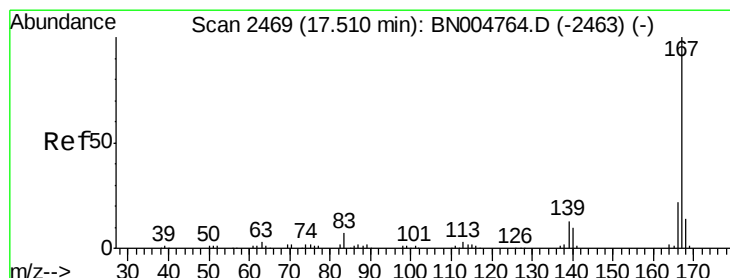
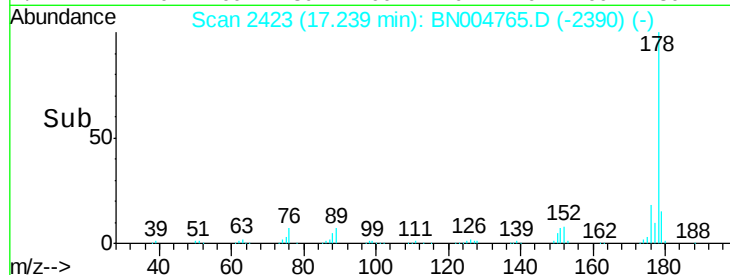
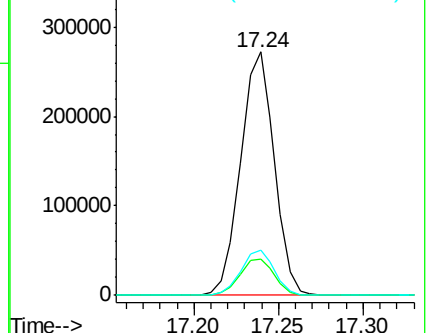
176 18.4 14.9 22.3



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



#75

Carbazole

Concen: 39.118 ng/ul

RT: 17.52 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

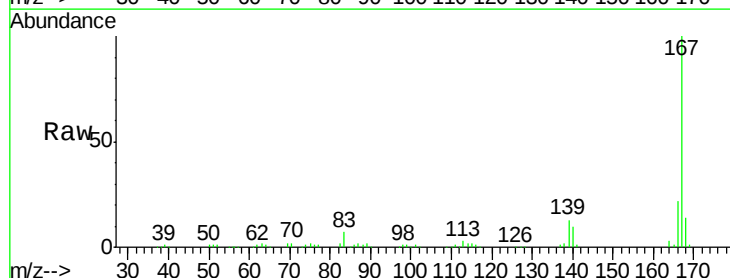
Tgt Ion:167 Resp: 316366

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

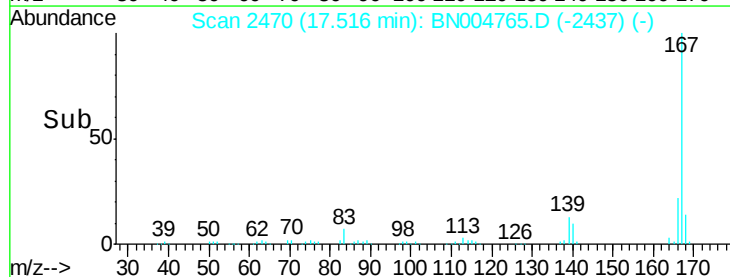
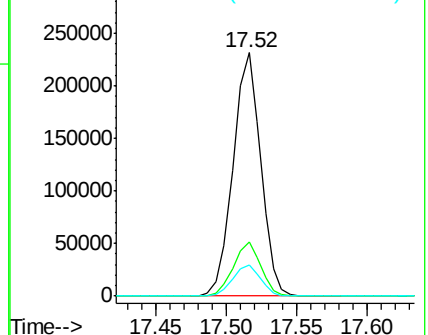
139 12.8 10.4 15.6

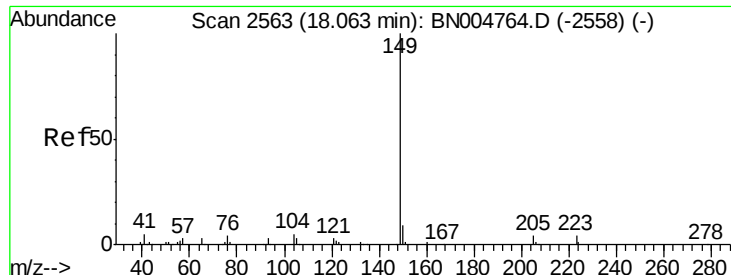


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

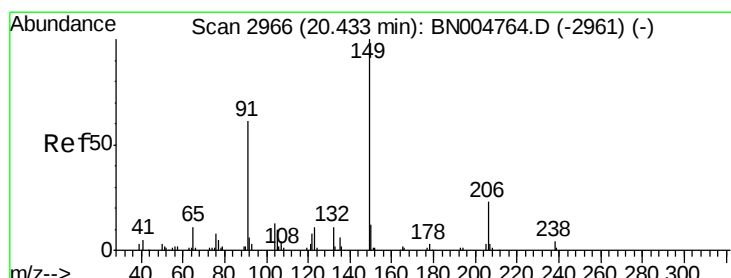
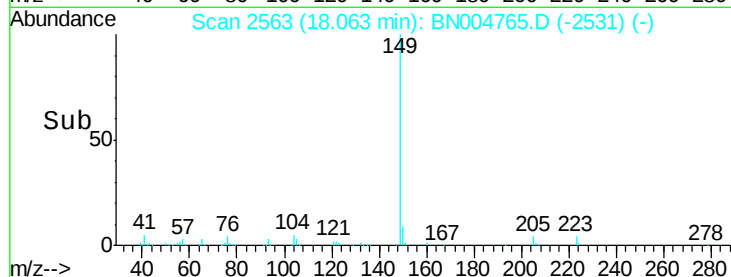
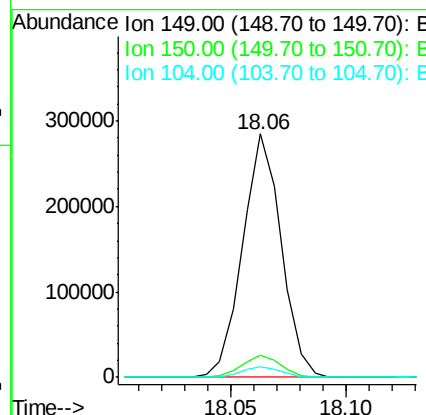
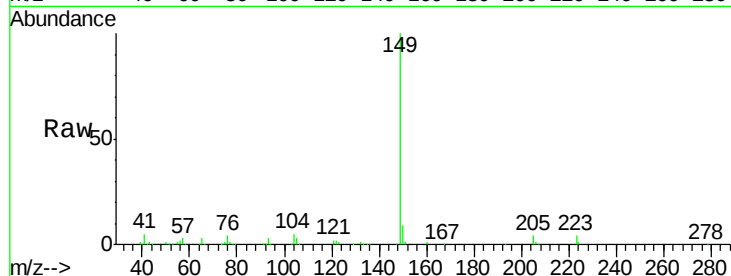




#76
Di-n-butylphthalate
Concen: 33.114 ng/ul
RT: 18.06 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

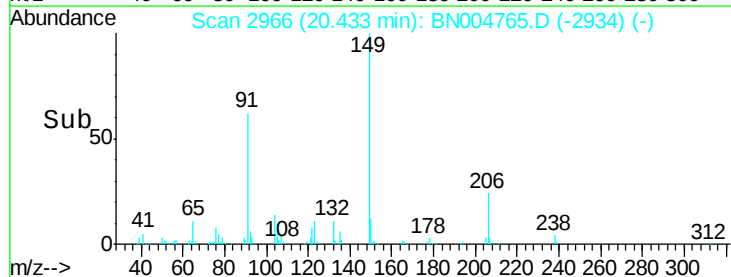
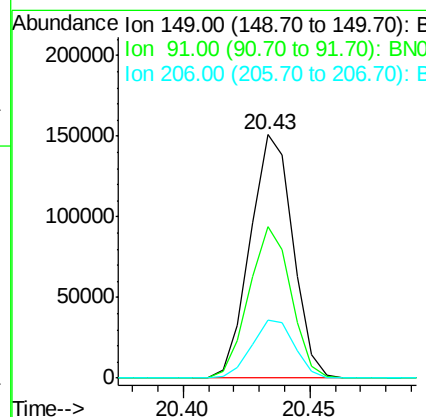
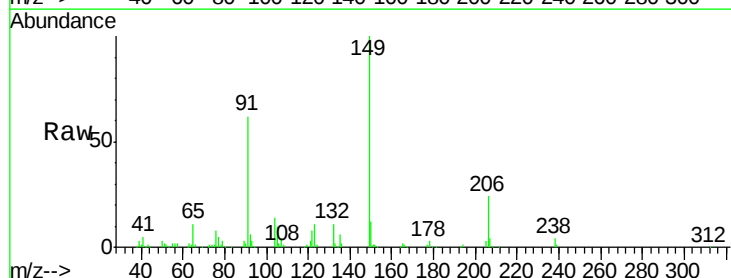
Instrument :
BNA_N
ClientSampleId :
X2F77RE

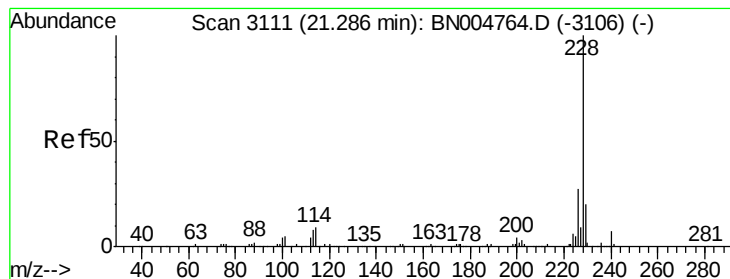
Tgt Ion:149 Resp: 332114
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.6 3.7 5.5



#81
Butylbenzylphthalate
Concen: 33.660 ng/ul
RT: 20.43 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BN004765.D
Acq: 15 Mar 2019 11:20

Tgt Ion:149 Resp: 177766
Ion Ratio Lower Upper
149 100
91 62.2 49.8 74.6
206 23.6 18.2 27.2





#83

Benzo(a)anthracene

Concen: 28.704 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampleId :

X2F77RE

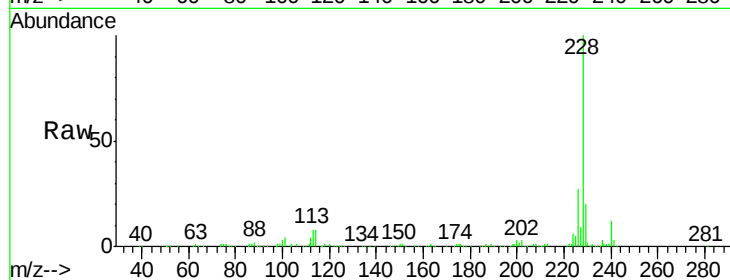
Tgt Ion:228 Resp: 383121

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.2

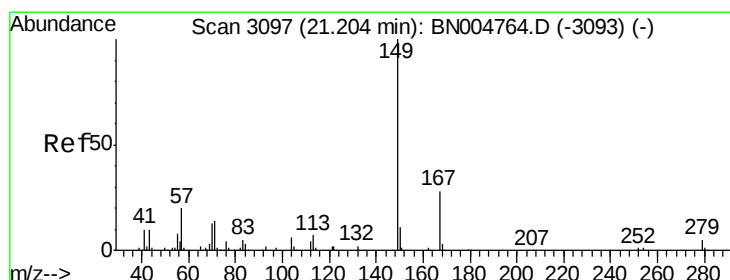
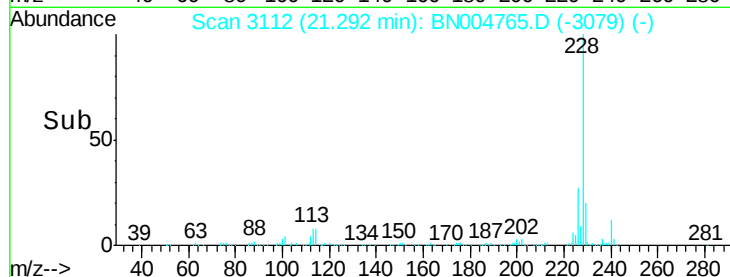
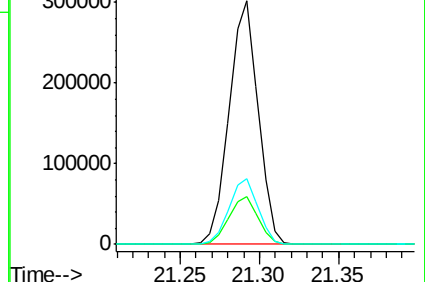
226 27.2 21.4 32.2



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: 21.562 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

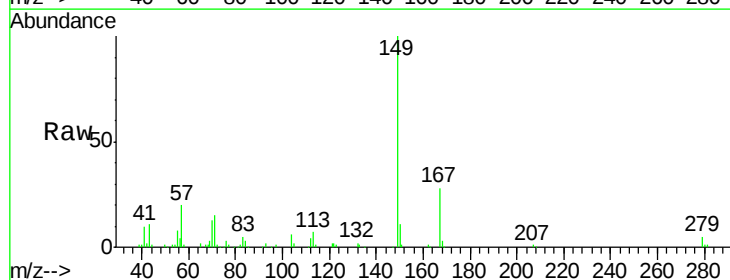
Tgt Ion:149 Resp: 165490

Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

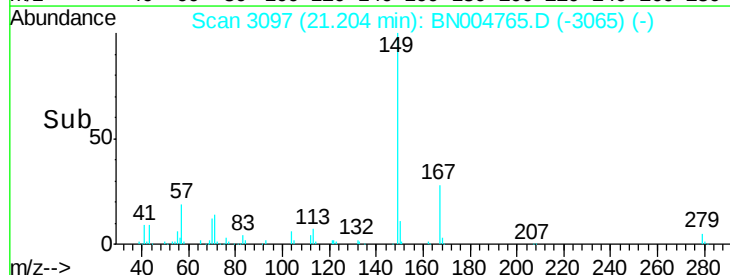
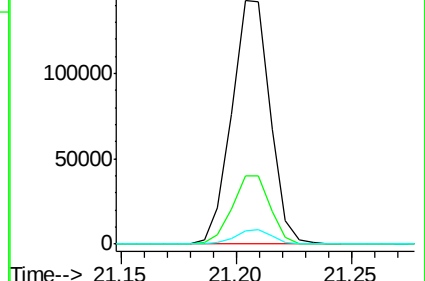
279 5.4 4.3 6.5

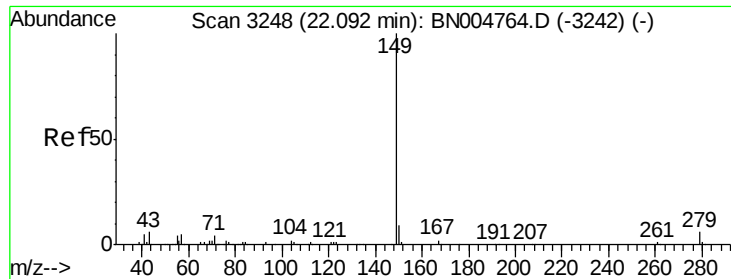


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Di-n-octyl phthalate

Concen: 36.584 ng/u1

RT: 22.09 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

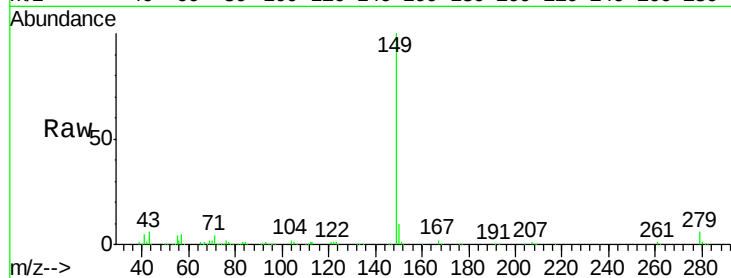
Instrument :

BNA_N

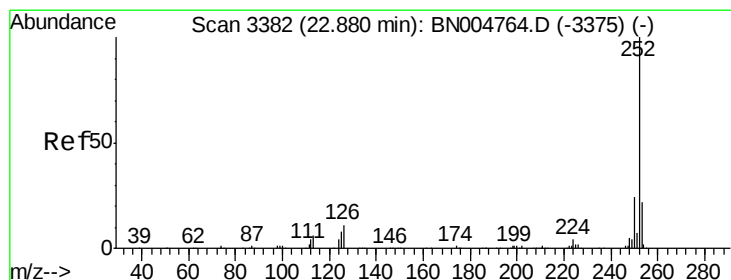
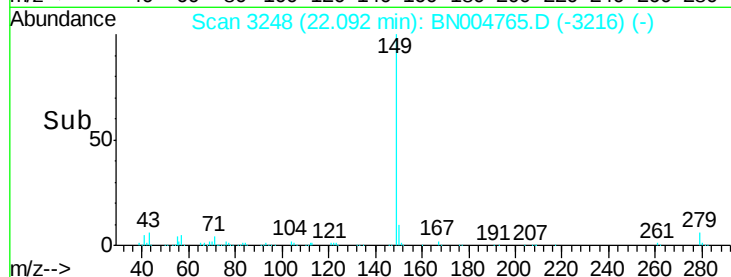
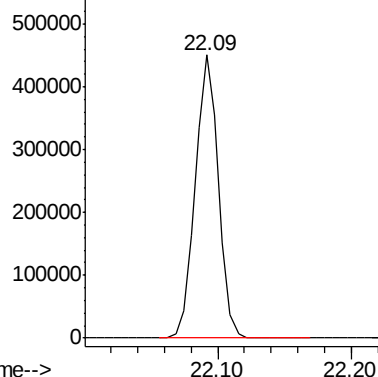
ClientSampleId :

X2F77RE

Tgt Ion:149 Resp: 549530



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 15.453 ng/u1

RT: 22.88 min Scan# 3382

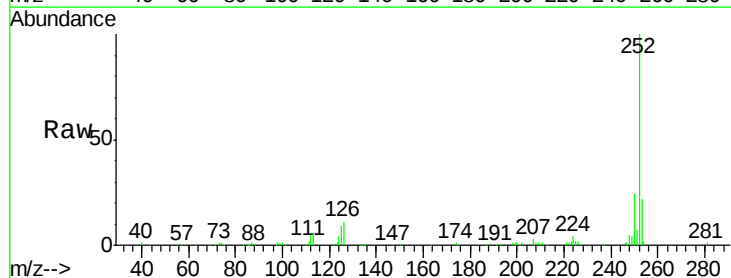
Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Tgt Ion:252 Resp: 223274

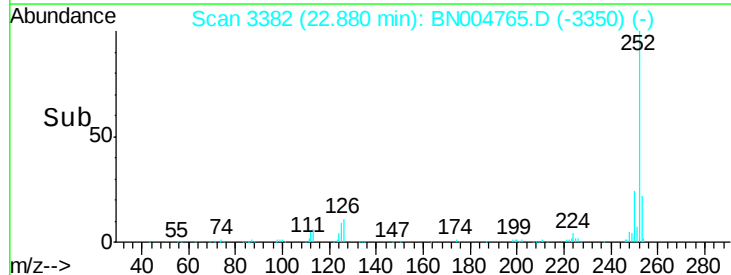
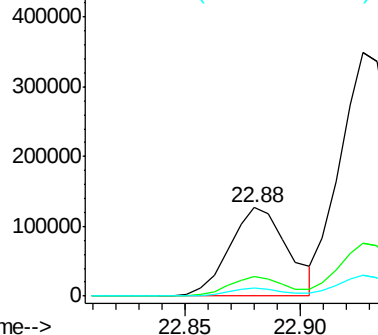
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.6	7.4	11.2

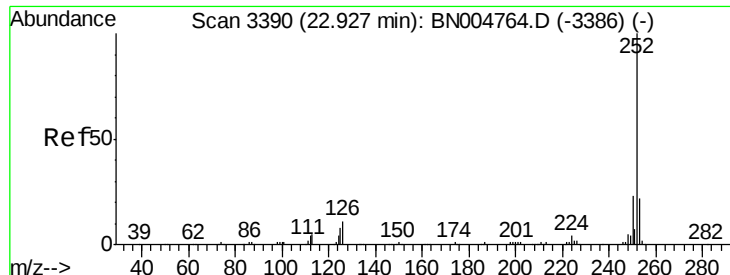


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.326 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

Instrument :

BNA_N

ClientSampled :

X2F77RE

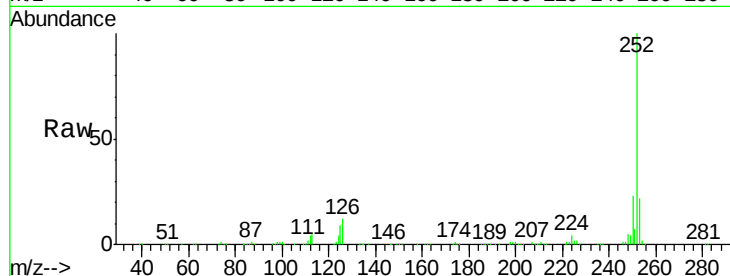
Tgt Ion:252 Resp: 558730

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

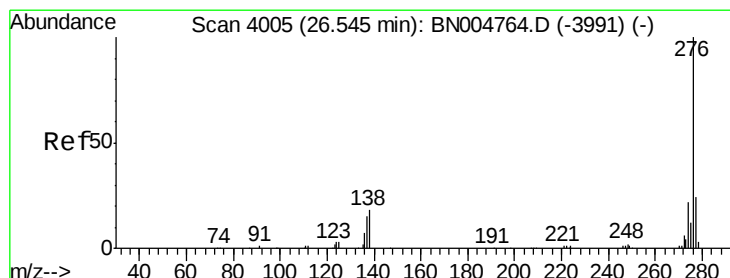
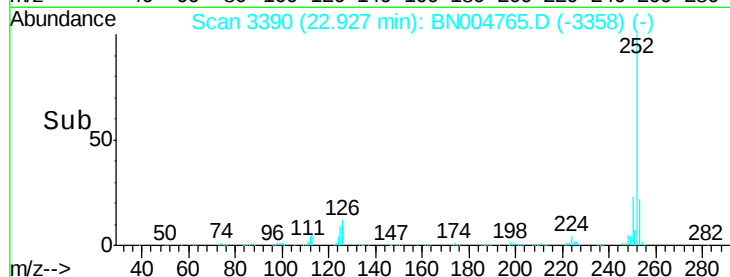
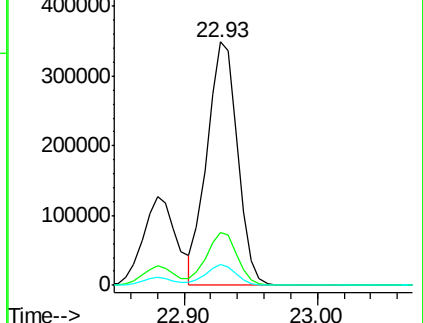
125 8.5 7.4 11.0



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



#94

Benzo(g,h,i)perylene

Concen: 27.940 ng/ul

RT: 26.55 min Scan# 4006

Delta R.T. -0.02 min

Lab File: BN004765.D

Acq: 15 Mar 2019 11:20

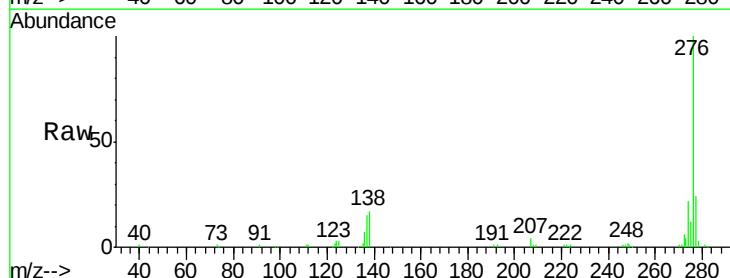
Tgt Ion:276 Resp: 336426

Ion Ratio Lower Upper

276 100

138 17.3 16.7 25.1

277 23.5 19.0 28.6



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

