

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005103.D
 Acq On : 04 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2245-15MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Quant Time: Apr 05 03:06:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7958	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33997	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19930	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44169	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	48261	20.00	ng	-0.02
87) Perylene-d12	23.48	264	44503	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	58604	127.32	ng	-0.02
7) Phenol-d6	6.83	99	77917	127.63	ng	-0.02
23) Nitrobenzene-d5	8.82	82	44135	78.53	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	44223	137.58	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	125415	83.39	ng	-0.02
79) Terphenyl-d14	19.69	244	200333	79.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	4449	26.523	ng	# 97
3) Pyridine	3.57	79	9486	20.237	ng	98
4) n-Nitrosodimethylamine	3.50	42	4264	27.903	ng	# 95
6) Aniline	6.99	93	18065	23.237	ng	99
8) 2-Chlorophenol	7.22	128	20262	34.676	ng	98
9) Benzaldehyde	6.80	77	9167	26.130	ng	98
10) Phenol	6.86	94	23098	35.308	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	16051	31.729	ng	99
12) 1,3-Dichlorobenzene	7.53	146	20323	31.923	ng	98
13) 1,4-Dichlorobenzene	7.69	146	20602	31.970	ng	99
14) 1,2-Dichlorobenzene	8.00	146	20248	32.832	ng	100
15) Benzyl Alcohol	7.90	79	15138	32.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	18256	29.911	ng	99
17) 2-Methylphenol	8.10	107	16122	35.351	ng	99
18) Hexachloroethane	8.71	117	6942	30.393	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	12769	31.905	ng	97
20) 3+4-Methylphenols	8.42	107	21873	35.324	ng	99
22) Acetophenone	8.48	105	27444	35.363	ng	99
24) Nitrobenzene	8.86	77	18765	32.992	ng	100
25) Isophorone	9.37	82	36174	33.040	ng	98
26) 2-Nitrophenol	9.56	139	10943	33.135	ng	97
27) 2,4-Dimethylphenol	9.62	122	18447	40.120	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	22911	33.774	ng	100
29) 2,4-Dichlorophenol	10.09	162	19748	37.369	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	20731	35.613	ng	100
31) Naphthalene	10.49	128	61389	34.610	ng	100
32) Benzoic acid	9.75	122	4042	15.308	ng	96
33) 4-Chloroaniline	10.61	127	8691	12.043	ng	99
34) Hexachlorobutadiene	10.75	225	12794	33.967	ng	100
35) Caprolactam	11.40	113	5167	29.861	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	20347	35.642	ng	97
37) 2-Methylnaphthalene	12.10	142	45669	36.461	ng	99
38) 1-Methylnaphthalene	12.32	142	43543	35.527	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	24734	34.989	ng	100

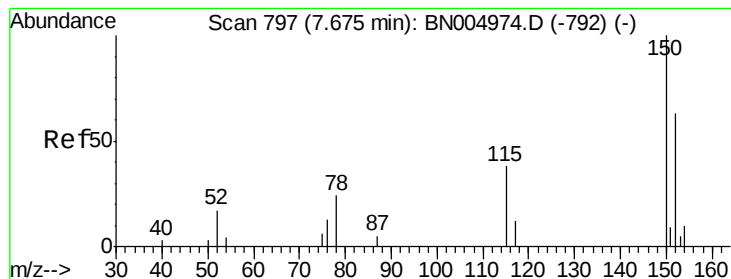
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
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 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	31597	79.045	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	16078	36.655	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	17004	35.584	ng	100
46) 1,1'-Biphenyl	13.13	154	59582	35.323	ng	99
47) 2-Chloronaphthalene	13.17	162	45856	35.426	ng	99
48) 2-Nitroaniline	13.39	65	11162	32.394	ng	96
49) Acenaphthylene	14.02	152	73919	33.952	ng	100
50) Dimethylphthalate	13.77	163	69188	42.255	ng	99
51) 2,6-Dinitrotoluene	13.90	165	12986	34.854	ng	94
52) Acenaphthene	14.36	154	42988	35.100	ng	99
53) 3-Nitroaniline	14.23	138	7199	18.904	ng	97
54) 2,4-Dinitrophenol	14.44	184	11339	53.636	ng	99
55) Dibenzofuran	14.70	168	68700	35.252	ng	98
56) 4-Nitrophenol	14.55	139	19483	64.944	ng	98
57) 2,4-Dinitrotoluene	14.69	165	17910	35.371	ng	98
58) Fluorene	15.35	166	55498	35.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16514	37.273	ng	# 99
60) Diethylphthalate	15.13	149	58698	35.925	ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	29781	36.670	ng	98
62) 4-Nitroaniline	15.40	138	11925	31.167	ng	100
63) Azobenzene	15.64	77	45543	33.484	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	8887	31.117	ng	96
66) n-Nitrosodiphenylamine	15.57	169	49276	35.417	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	19542	35.454	ng	99
68) Hexachlorobenzene	16.35	284	23665	36.647	ng	96
69) Atrazine	16.52	200	17606	35.420	ng	99
70) Pentachlorophenol	16.70	266	24532	72.255	ng	99
71) Phenanthrene	17.09	178	86978	35.047	ng	99
72) Anthracene	17.19	178	89620	36.279	ng	100
73) Carbazole	17.46	167	79305	35.270	ng	99
74) Di-n-butylphthalate	18.01	149	102692	37.491	ng	100
75) Fluoranthene	19.12	202	102663	36.260	ng	99
77) Benzidine	19.32	184	16781	11.157	ng	99
78) Pyrene	19.48	202	104882	32.547	ng	99
80) Butylbenzylphthalate	20.39	149	46001	35.131	ng	96
81) Benzo(a)anthracene	21.24	228	98370	32.723	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	21281	18.931	ng	98
83) Chrysene	21.29	228	97709	34.029	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	67747	37.394	ng	99
85) Di-n-octyl phthalate	22.03	149	112352	38.427	ng	98
86) Indeno(1,2,3-cd)pyrene	25.73	276	101422	31.091	ng	99
88) Benzo(b)fluoranthene	22.81	252	99812	36.437	ng	99
89) Benzo(k)fluoranthene	22.86	252	94019	37.428	ng	99
90) Benzo(a)pyrene	23.39	252	90671	36.171	ng	98
91) Dibenzo(a,h)anthracene	25.73	278	85536	33.989	ng	99
92) Benzo(g,h,i)perylene	26.42	276	82530	33.161	ng	98

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

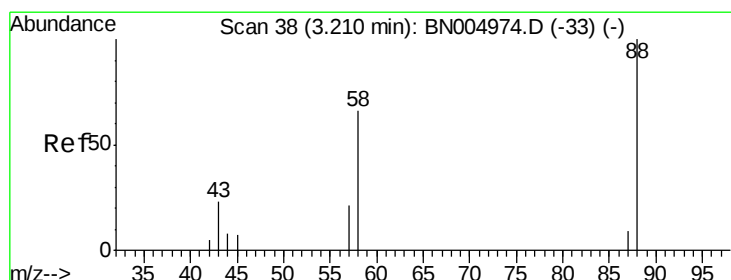
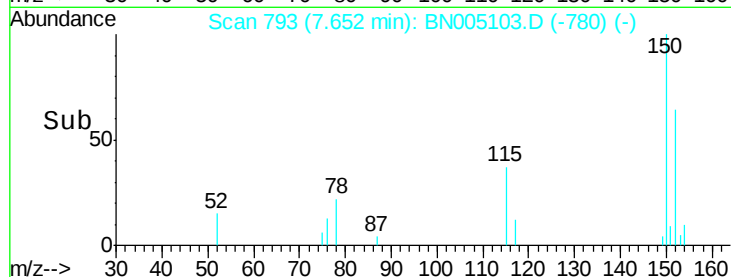
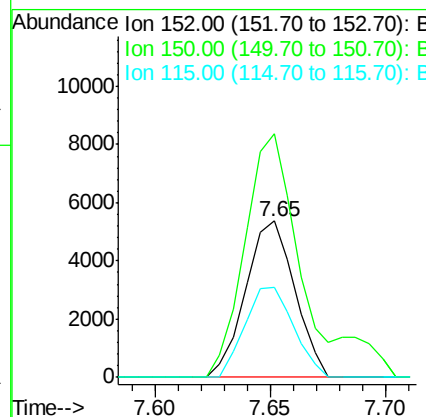
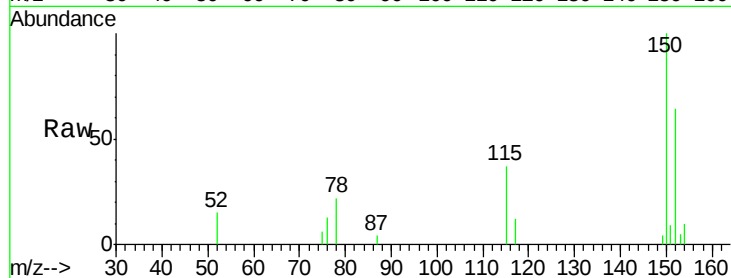


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Instrument :
BNA_N
ClientSampleId :
TP-3DMSD

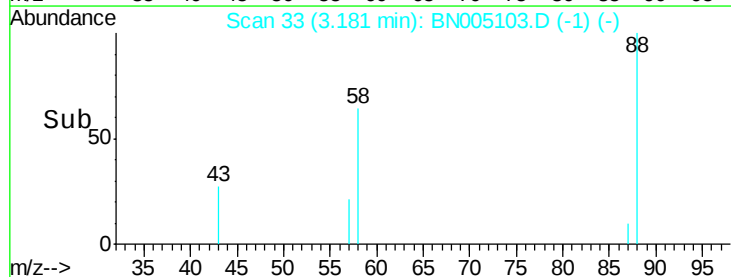
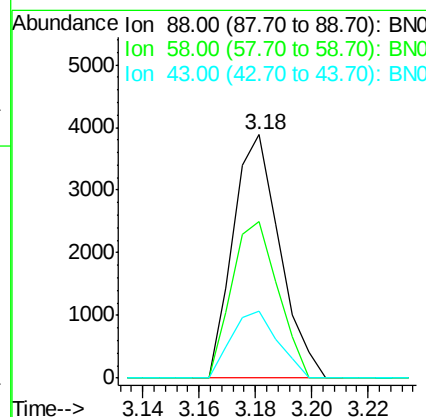
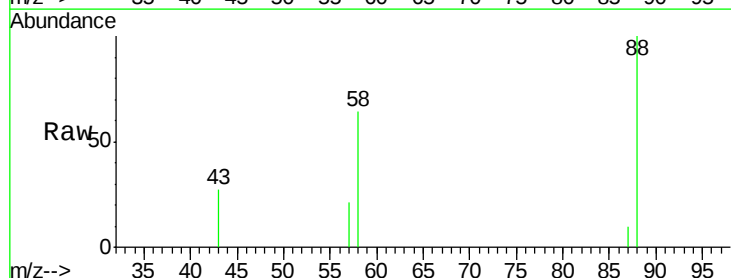
Tgt Ion:152 Resp: 7958
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 58.0 47.8 71.6



#2

1,4-Dioxane
Concen: 26.523 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Tgt Ion: 88 Resp: 4449
Ion Ratio Lower Upper
88 100
58 63.8 51.0 76.6
43 27.4 16.7 25.1#

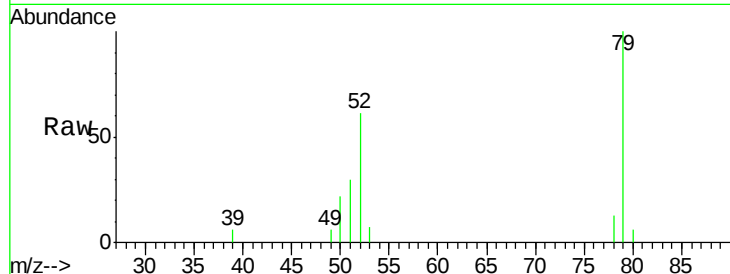




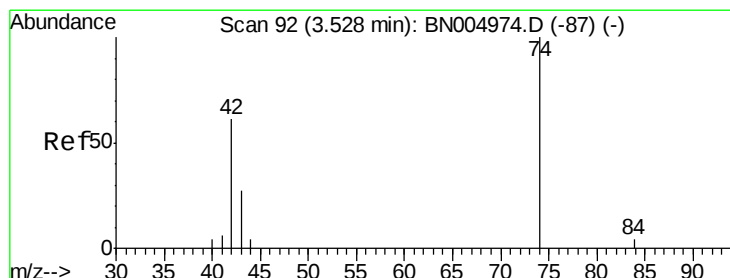
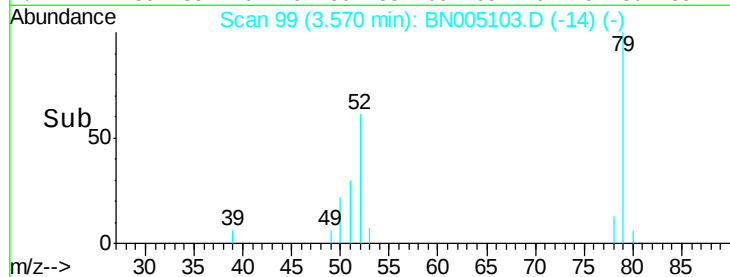
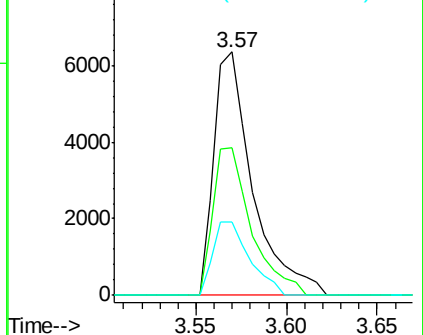
#3
 Pyridine
 Concen: 20.237 ng
 RT: 3.57 min Scan# 99
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion: 79 Resp: 9486
 Ion Ratio Lower Upper
 79 100
 52 60.8 50.2 75.4
 51 30.2 25.0 37.4

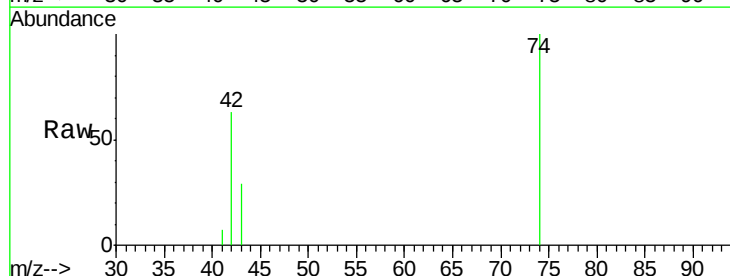


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

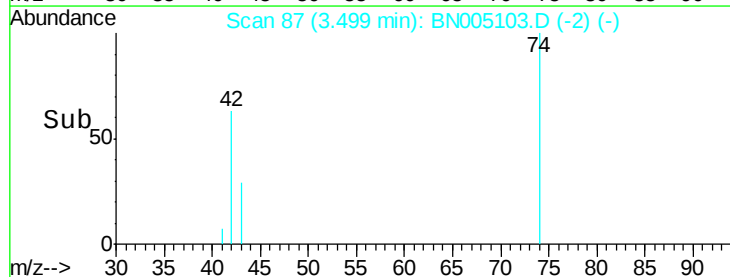
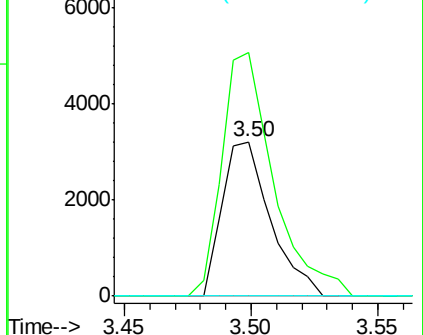


#4
 n-Nitrosodimethylamine
 Concen: 27.903 ng
 RT: 3.50 min Scan# 87
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion: 42 Resp: 4264
 Ion Ratio Lower Upper
 42 100
 74 157.7 130.8 196.2
 44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 127.319 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

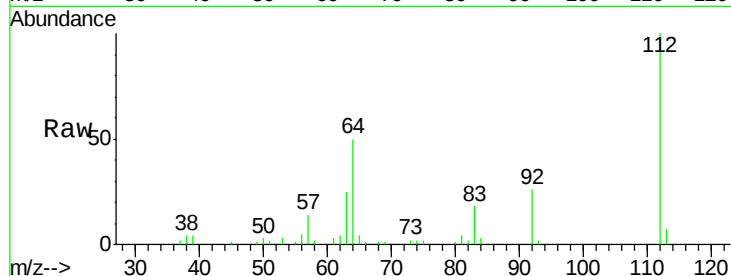
Tgt Ion: 112 Resp: 58604

Ion Ratio Lower Upper

112 100

64 50.1 41.9 62.9

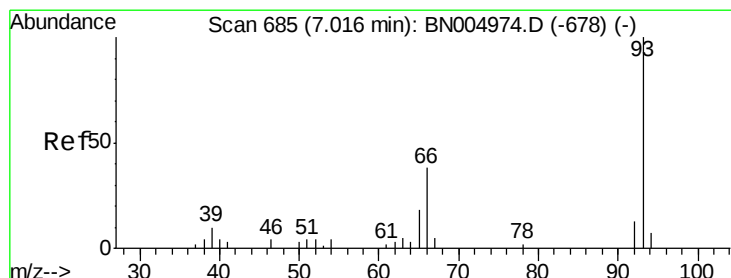
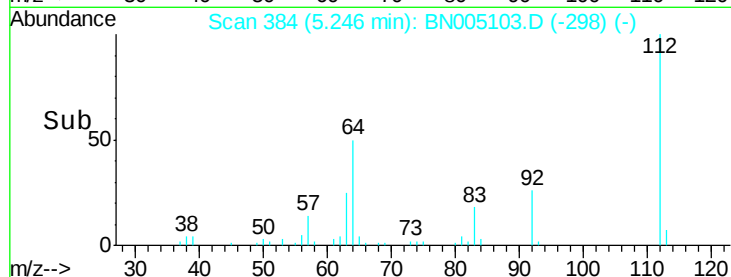
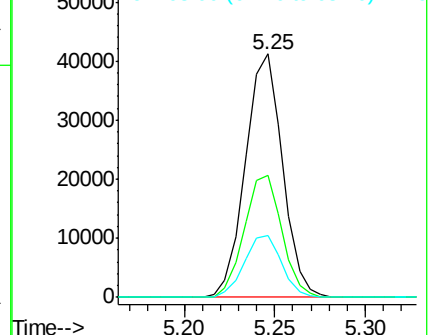
63 25.4 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 23.237 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

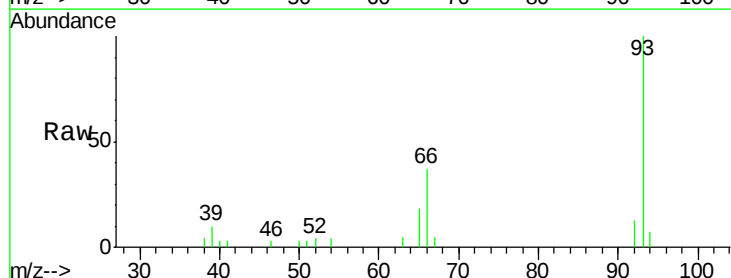
Tgt Ion: 93 Resp: 18065

Ion Ratio Lower Upper

93 100

66 37.1 30.2 45.4

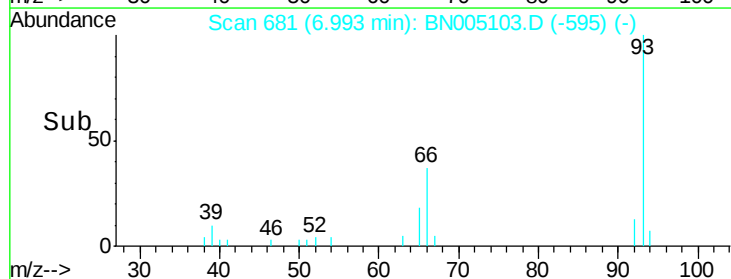
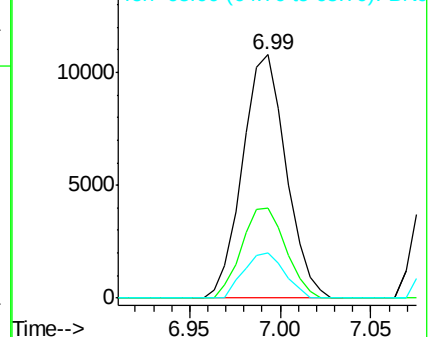
65 18.4 14.7 22.1

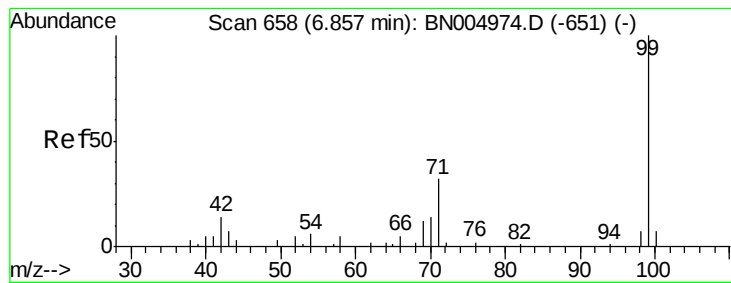


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 127.627 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

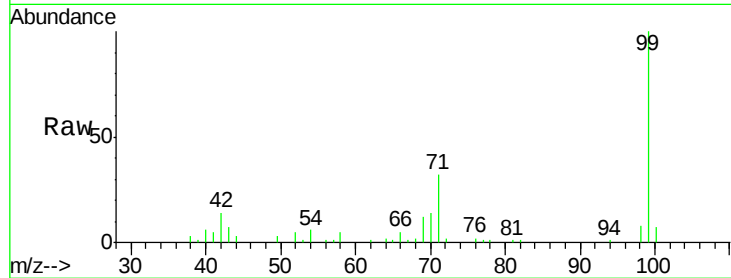
Tgt Ion: 99 Resp: 77917

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

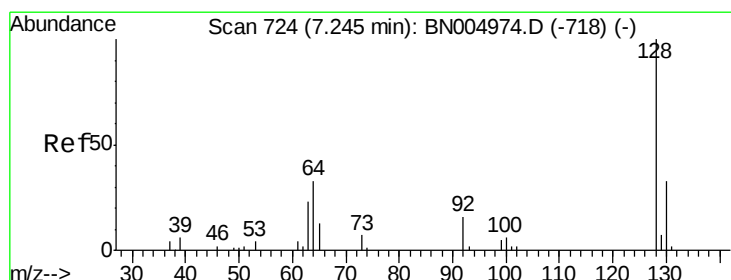
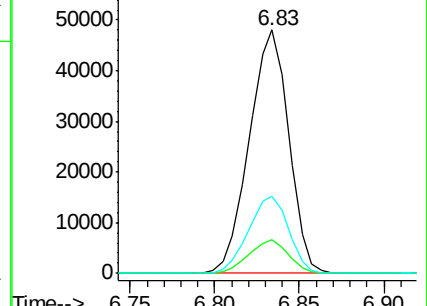
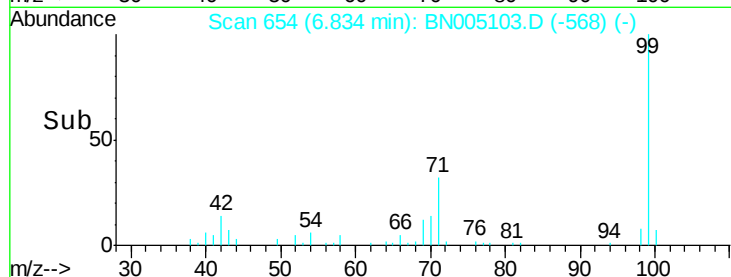
71 31.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 34.676 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

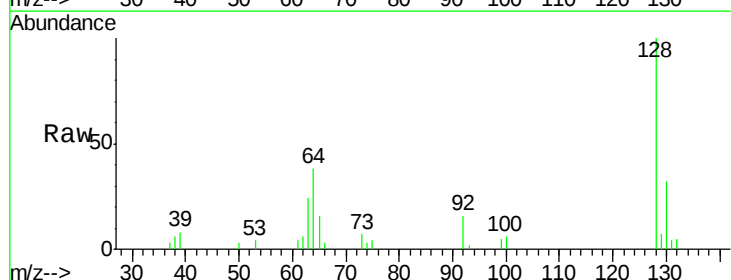
Tgt Ion: 128 Resp: 20262

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

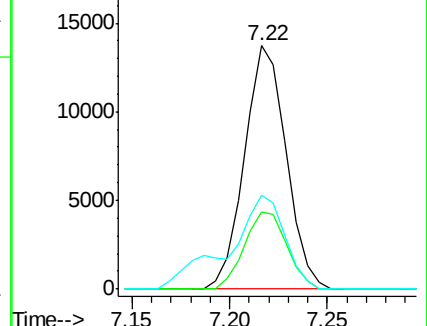
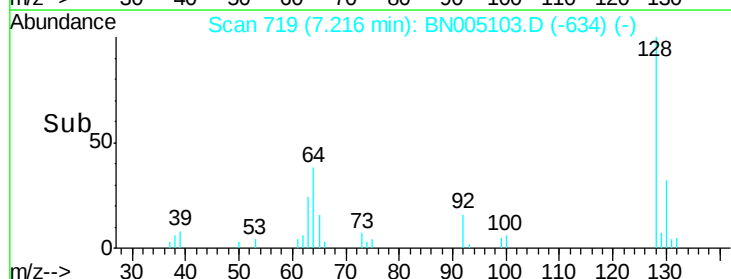
64 38.4 19.9 59.9

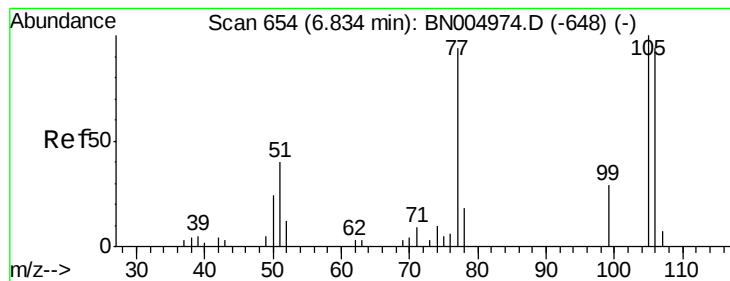


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 26.130 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

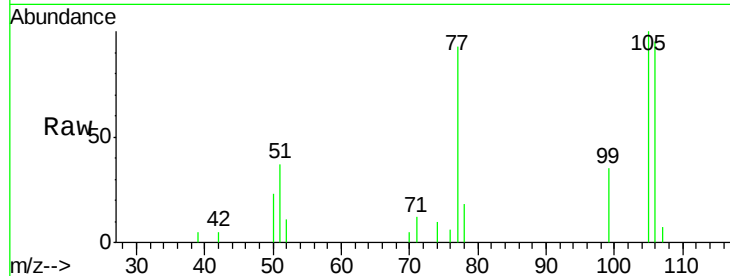
Tgt Ion: 77 Resp: 9167

Ion Ratio Lower Upper

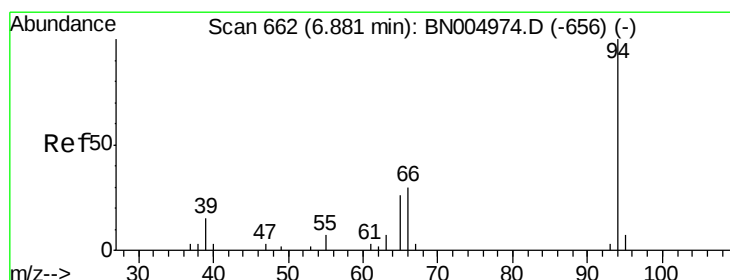
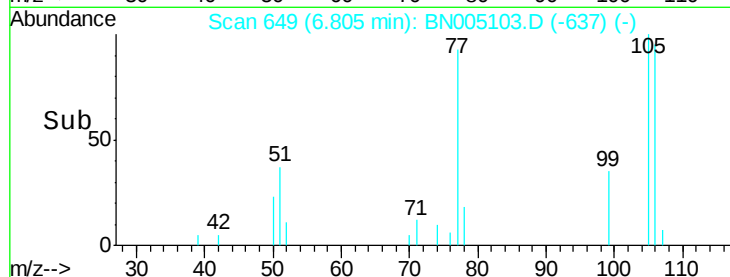
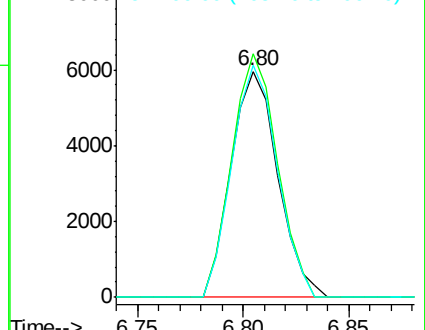
77 100

105 107.7 86.1 126.1

106 102.5 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 35.308 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

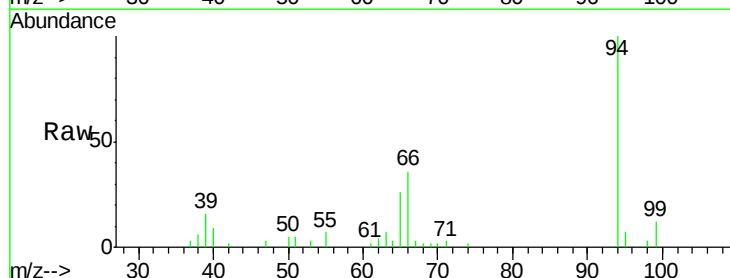
Tgt Ion: 94 Resp: 23098

Ion Ratio Lower Upper

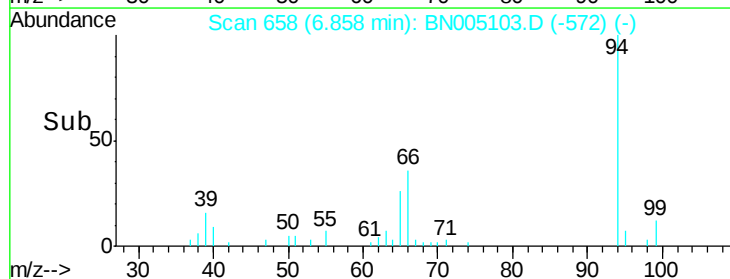
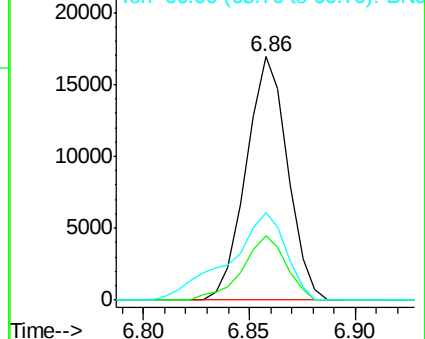
94 100

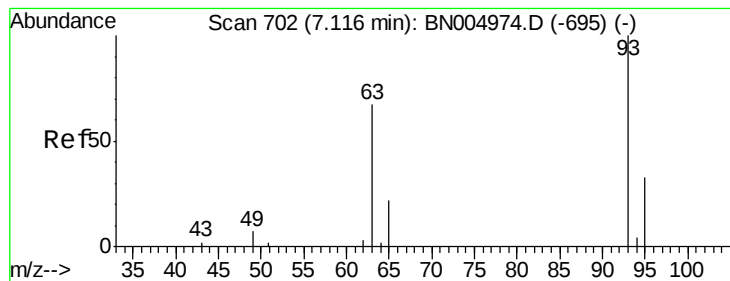
65 26.3 5.7 45.7

66 36.0 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 31.729 ng

RT: 7.09 min Scan# 697

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampled :

TP-3DMSD

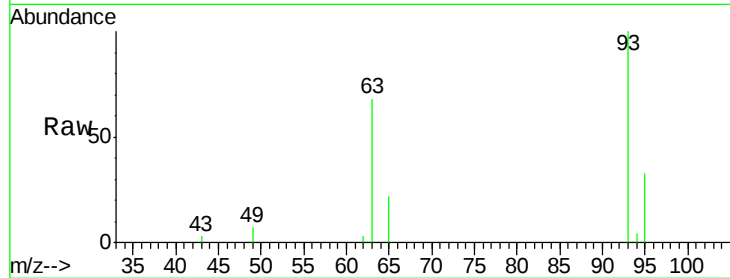
Tgt Ion: 93 Resp: 16051

Ion Ratio Lower Upper

93 100

63 68.1 47.0 87.0

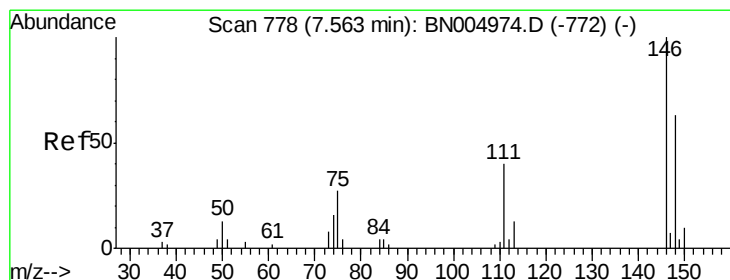
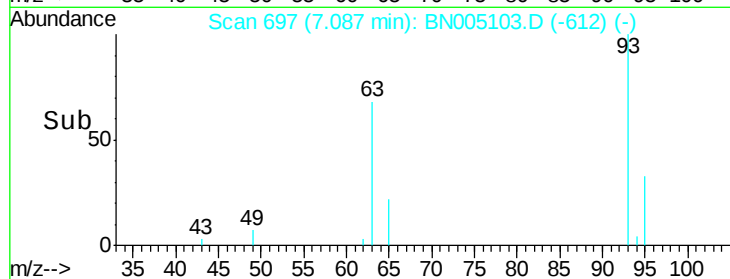
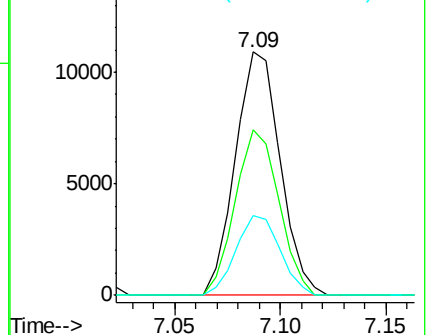
95 32.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 31.923 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

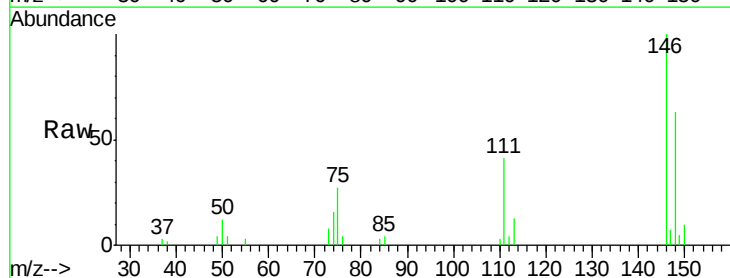
Tgt Ion: 146 Resp: 20323

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

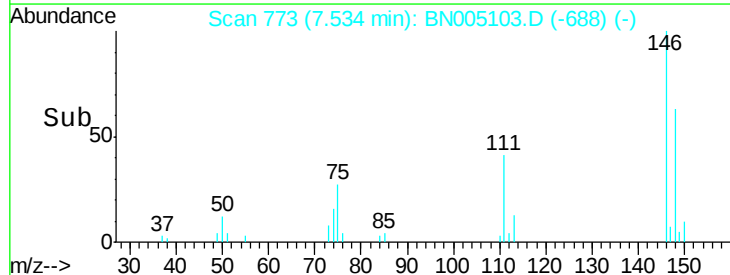
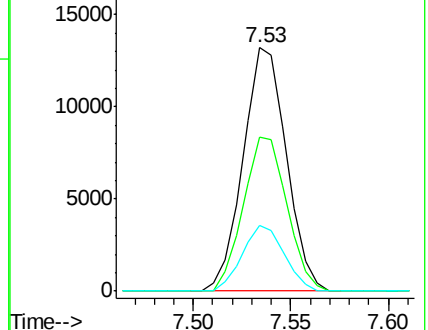
75 27.0 22.0 33.0

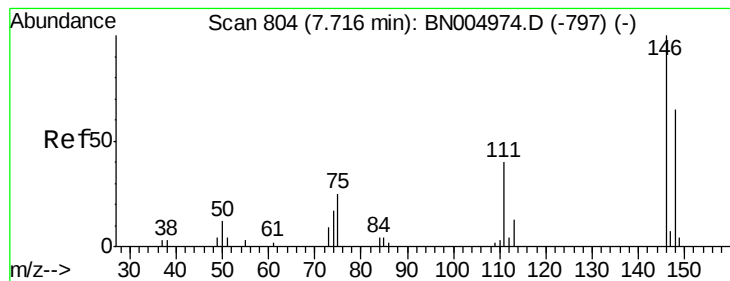


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)





#13

1,4-Dichlorobenzene

Concen: 31.970 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

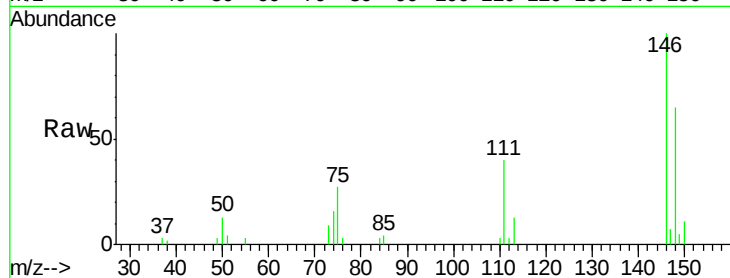
Tgt Ion:146 Resp: 20602

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

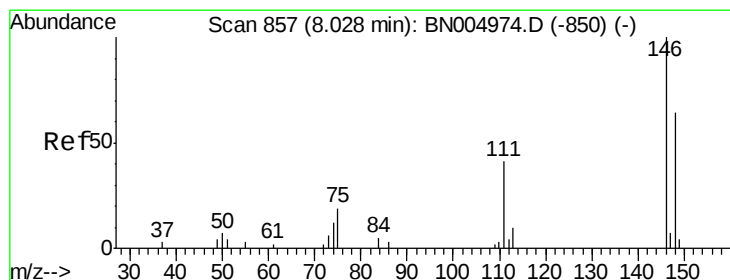
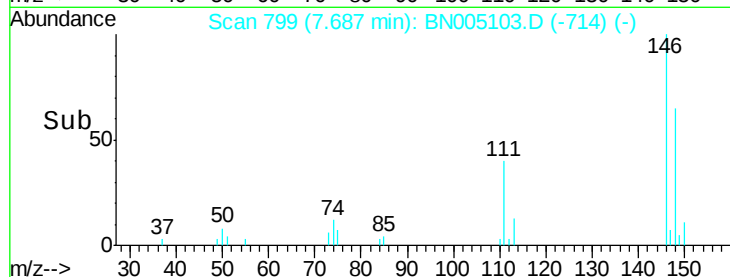
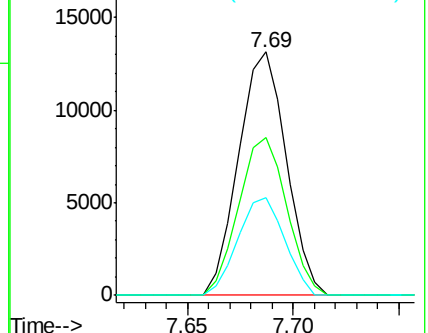
111 40.0 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.832 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

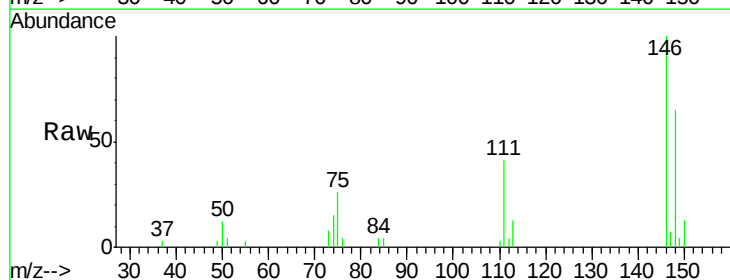
Tgt Ion:146 Resp: 20248

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

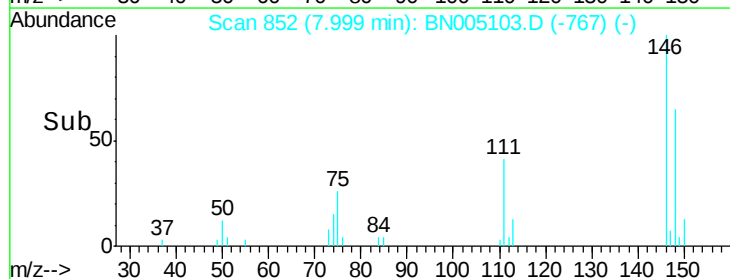
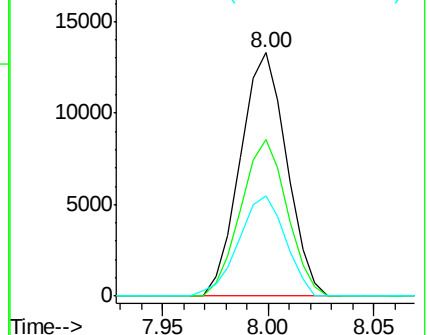
111 41.2 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.592 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

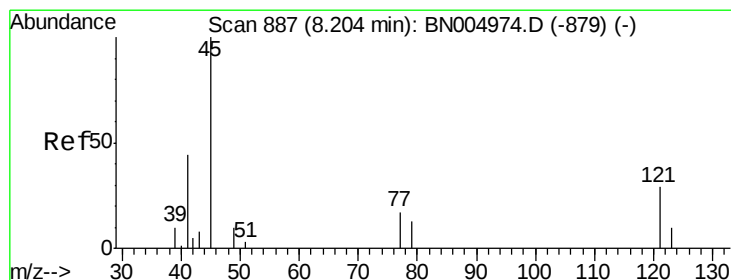
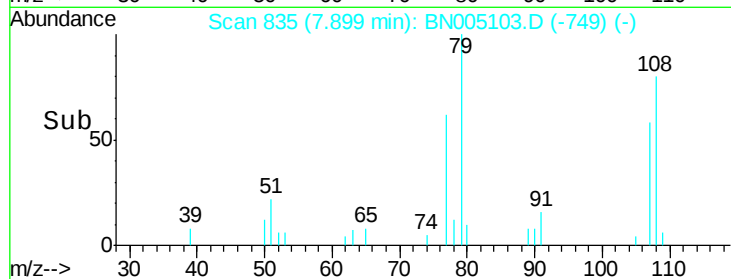
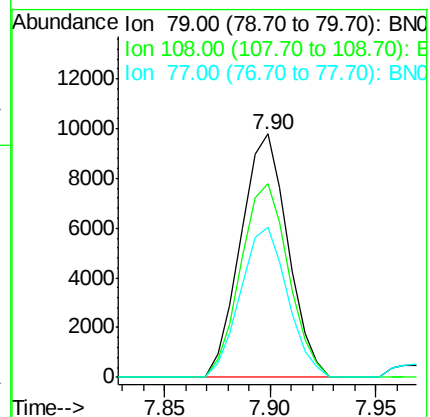
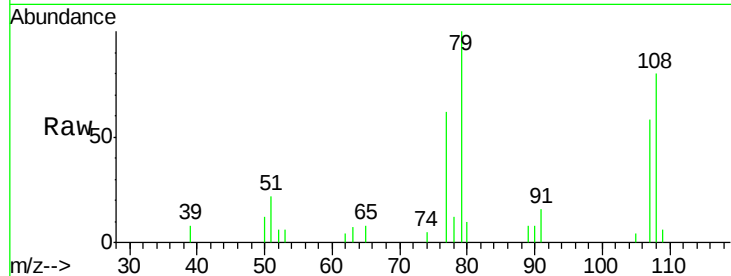
Tgt Ion: 79 Resp: 15138

Ion Ratio Lower Upper

79 100

108 79.8 64.0 96.0

77 61.9 48.8 73.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.911 ng

RT: 8.18 min Scan# 882

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

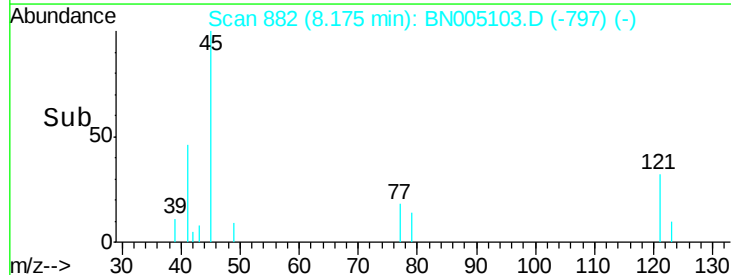
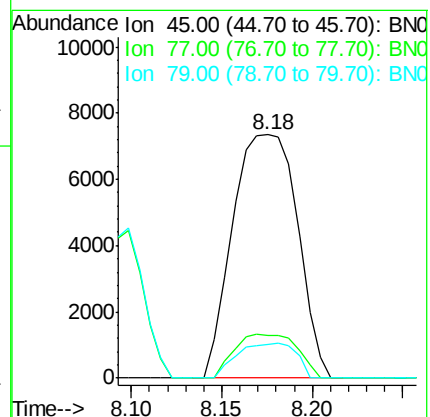
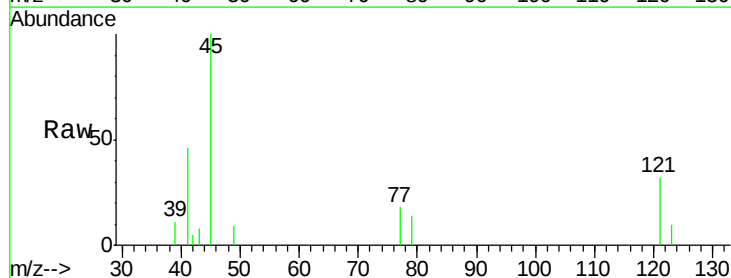
Tgt Ion: 45 Resp: 18256

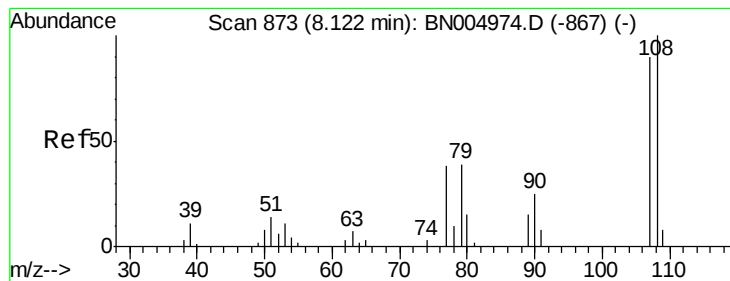
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.9

79 13.7 0.0 33.3





#17

2-Methylphenol

Concen: 35.351 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

Tgt Ion:107 Resp: 16122

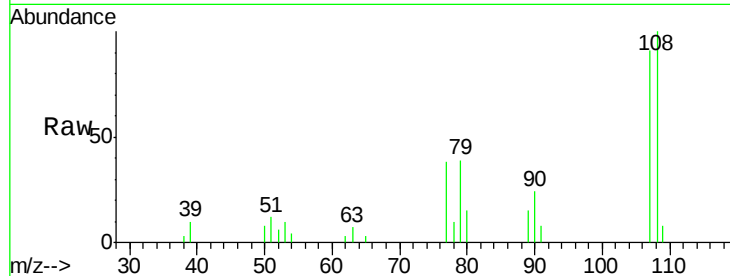
Ion Ratio Lower Upper

107 100

108 109.4 88.8 133.2

77 42.0 34.2 51.2

79 42.8 34.8 52.2

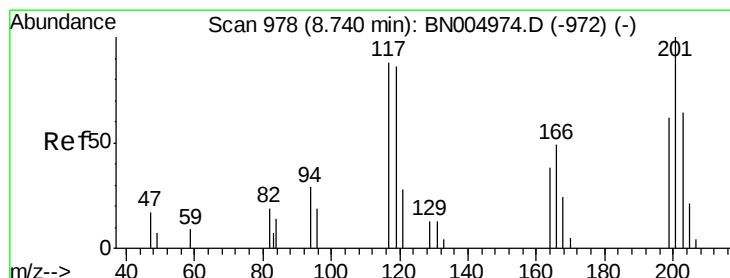
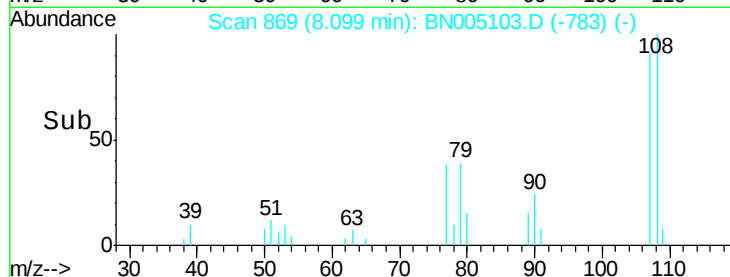
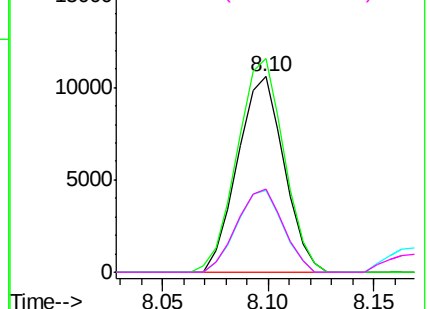


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 30.393 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

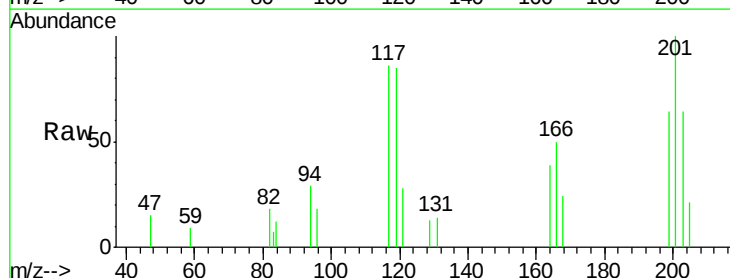
Tgt Ion:117 Resp: 6942

Ion Ratio Lower Upper

117 100

119 98.6 77.5 116.3

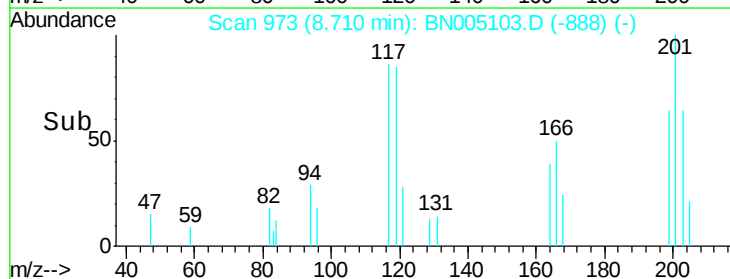
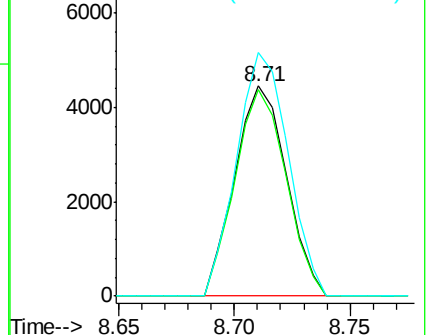
201 115.9 90.5 135.7

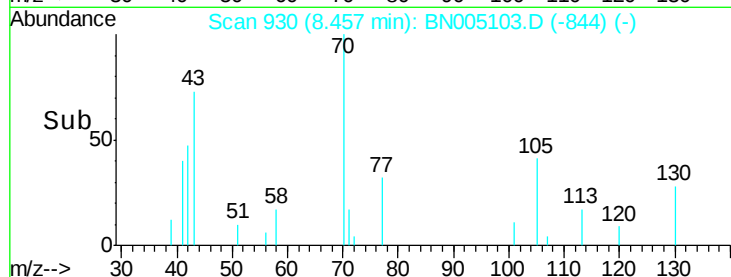
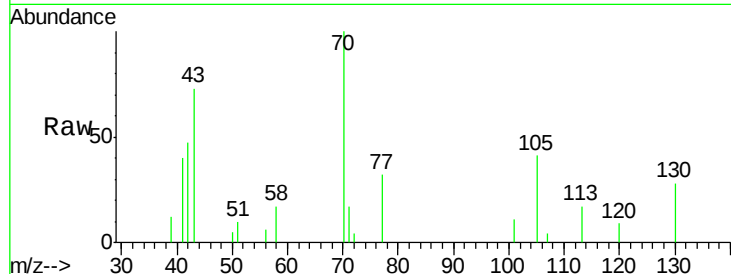
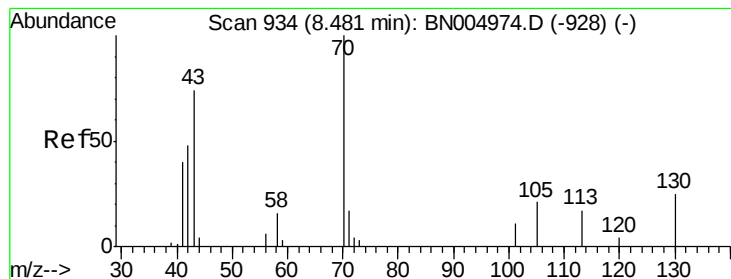


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.905 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

Tgt Ion: 70 Resp: 12769

Ion Ratio Lower Upper

70 100

42 46.9 38.4 57.6

101 11.2 8.8 13.2

130 27.6 19.8 29.8

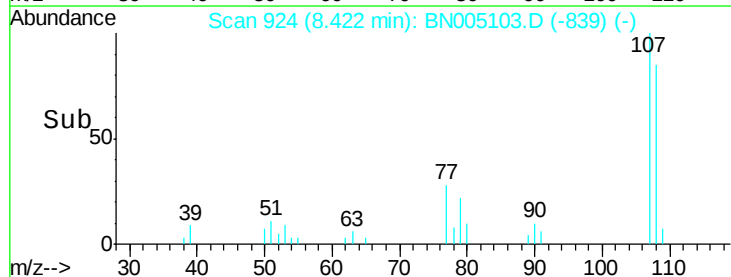
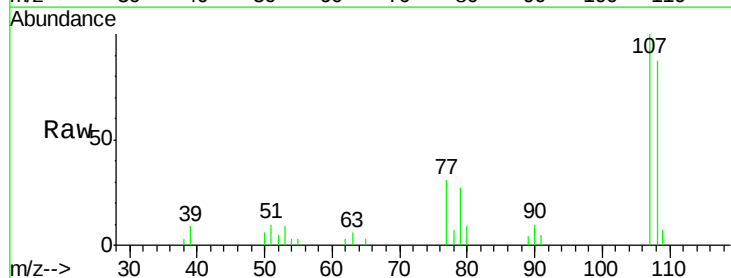
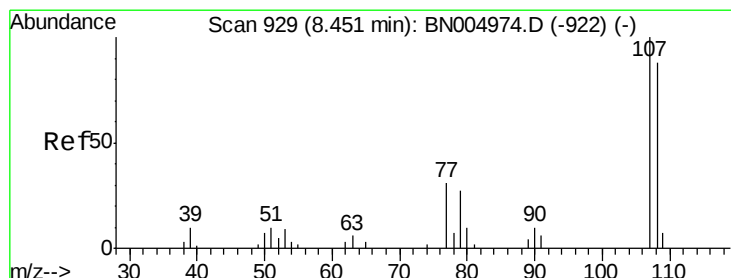
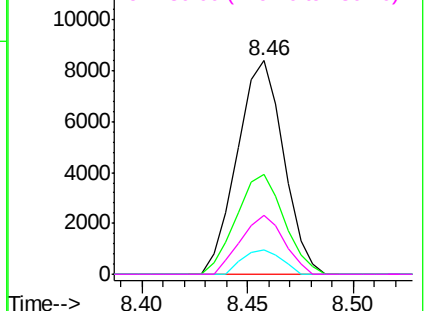
Abundance

Ion 70.00 (69.70 to 70.70): BN005103.D (-844) (-)

Ion 42.00 (41.70 to 42.70): BN005103.D (-844) (-)

Ion 101.00 (100.70 to 101.70): BN005103.D (-844) (-)

Ion 130.00 (129.70 to 130.70): BN005103.D (-844) (-)



#20

3+4-Methylphenols

Concen: 35.324 ng

RT: 8.42 min Scan# 924

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Tgt Ion: 107 Resp: 21873

Ion Ratio Lower Upper

107 100

108 87.0 67.9 107.9

77 30.7 10.6 50.6

79 26.7 6.8 46.8

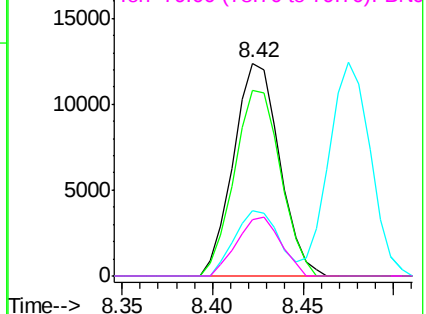
Abundance

Ion 107.00 (106.70 to 107.70): BN005103.D (-839) (-)

Ion 108.00 (107.70 to 108.70): BN005103.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BN005103.D (-839) (-)

Ion 79.00 (78.70 to 79.70): BN005103.D (-839) (-)

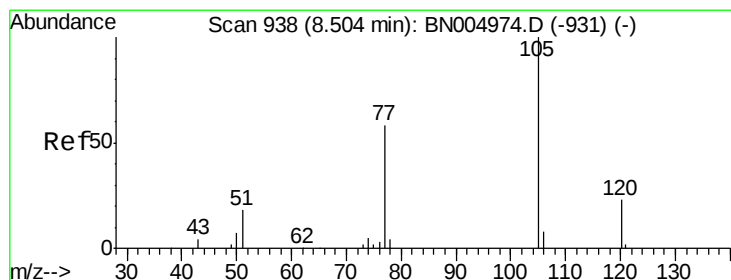
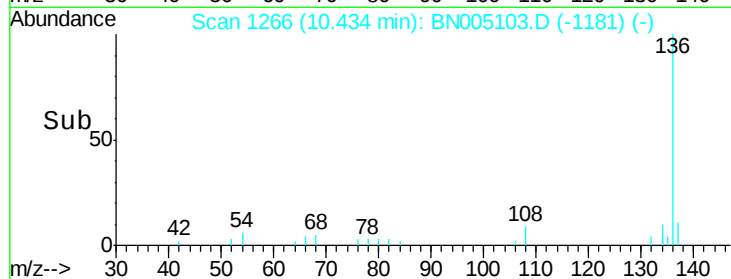
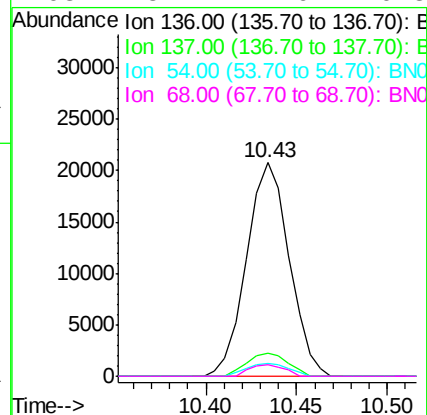
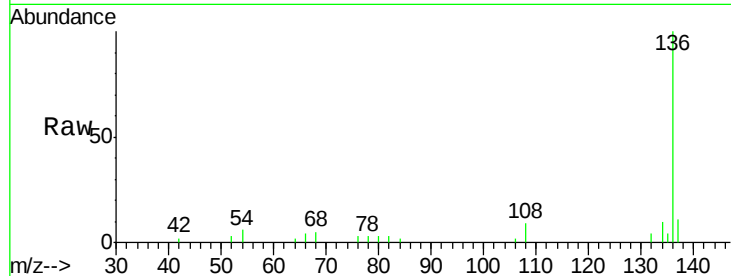




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

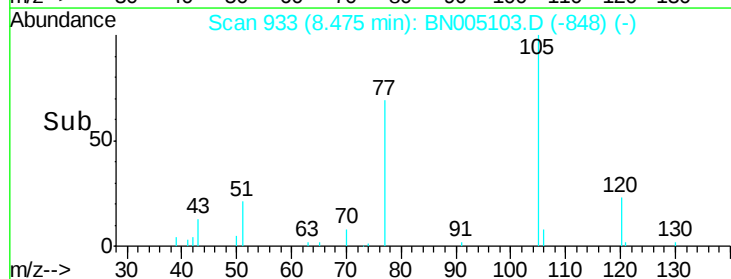
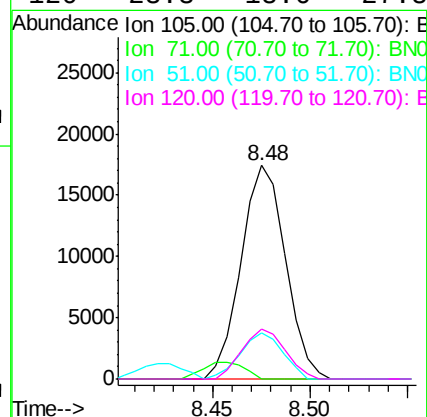
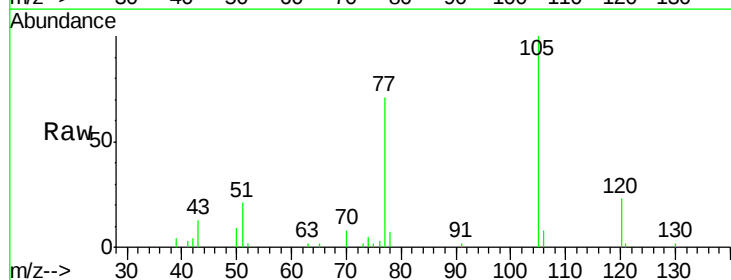
Instrument :
BNA_N
ClientSampleId :
TP-3DMSD

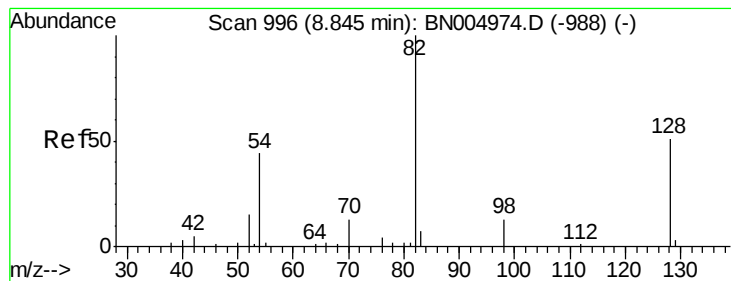
Tgt Ion:136	Resp:	33997
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.1	5.3 7.9
68	5.4	4.6 6.8



#22
Acetophenone
Concen: 35.363 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Tgt Ion:105	Resp:	27444
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	21.5	17.8 26.8
120	23.3	18.6 27.8





#23

Nitrobenzene-d5

Concen: 78.530 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

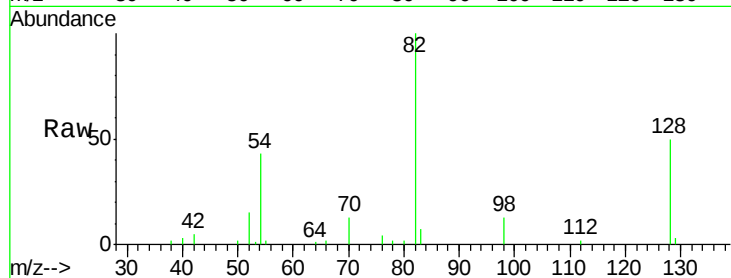
Tgt Ion: 82 Resp: 44135

Ion Ratio Lower Upper

82 100

128 50.0 40.6 60.8

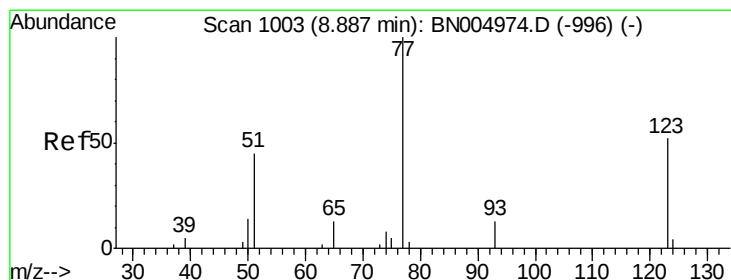
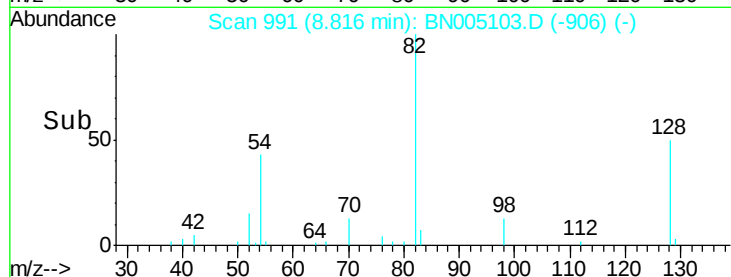
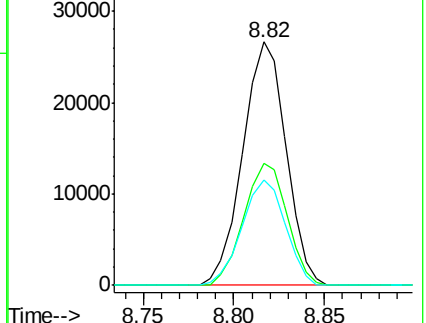
54 43.3 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 32.992 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

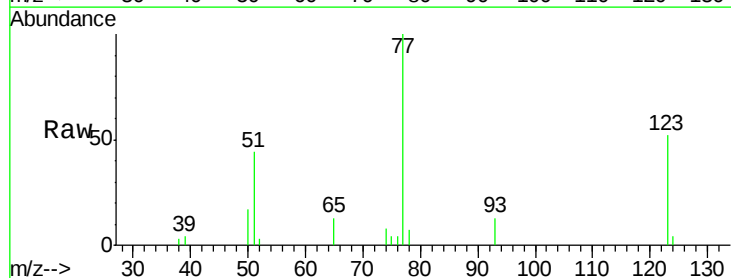
Tgt Ion: 77 Resp: 18765

Ion Ratio Lower Upper

77 100

123 51.7 41.3 61.9

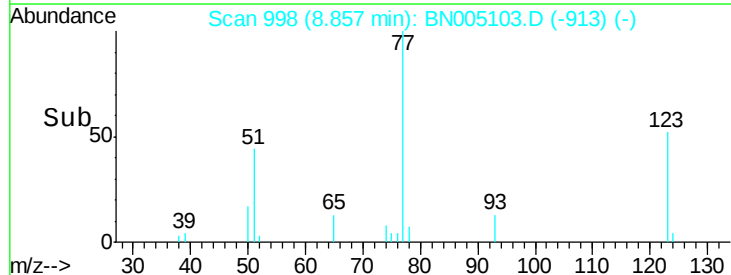
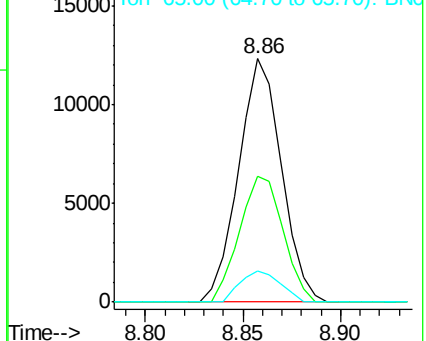
65 12.9 10.3 15.5

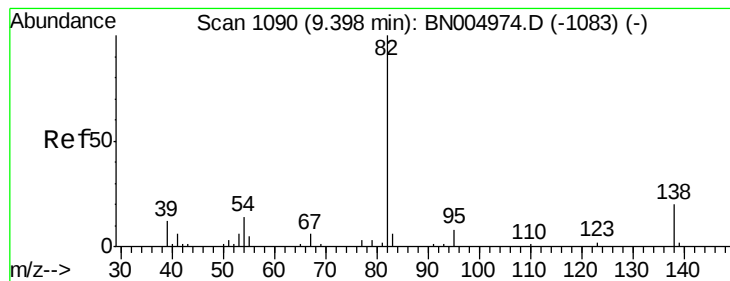


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 33.040 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

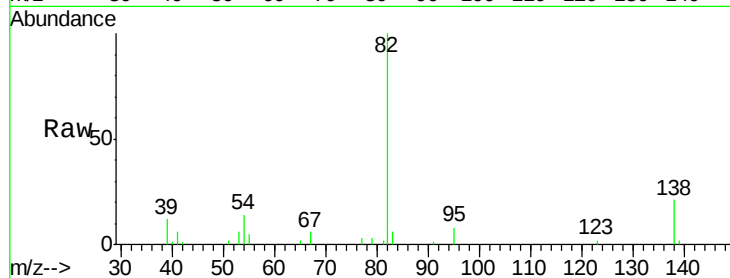
Tgt Ion: 82 Resp: 36174

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 21.1 16.2 24.2

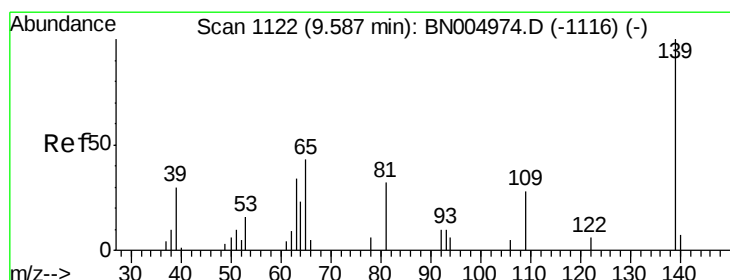
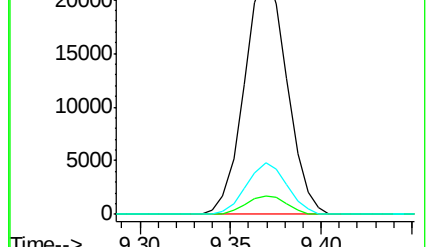
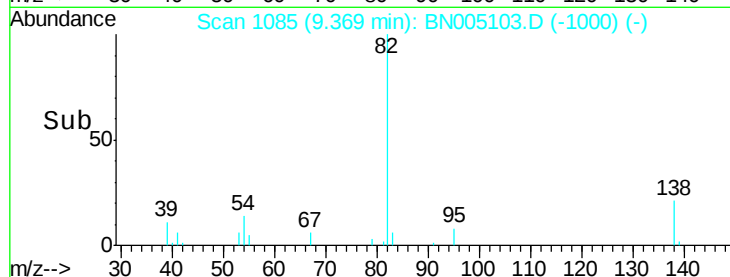


Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BN004974.D (-1083) (-)

Time-->



#26

2-Nitrophenol

Concen: 33.135 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

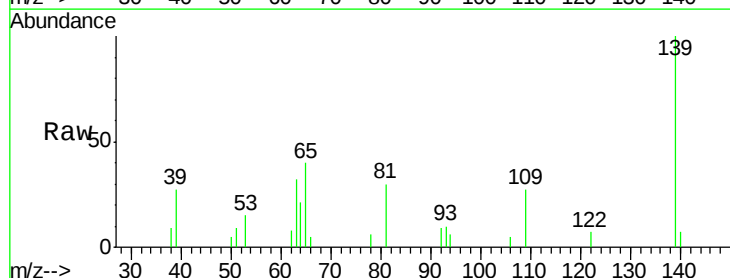
Tgt Ion: 139 Resp: 10943

Ion Ratio Lower Upper

139 100

109 27.5 22.5 33.7

65 40.4 34.2 51.4

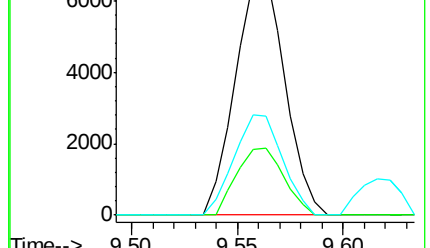
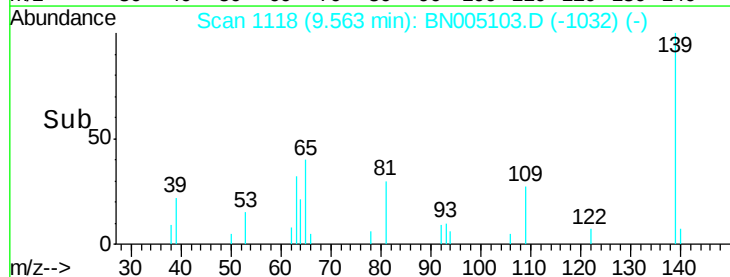


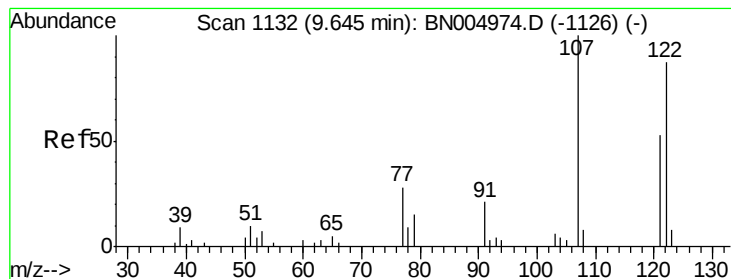
Abundance Ion 139.00 (138.70 to 139.70): BN004974.D (-1116) (-)

Ion 109.00 (108.70 to 109.70): BN004974.D (-1116) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-1116) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 40.120 ng

RT: 9.62 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

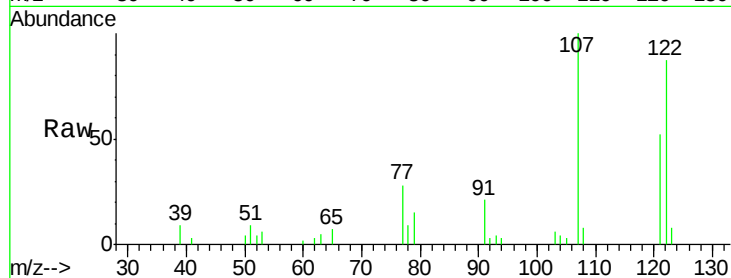
Tgt Ion: 122 Resp: 18447

Ion Ratio Lower Upper

122 100

107 115.0 91.6 137.4

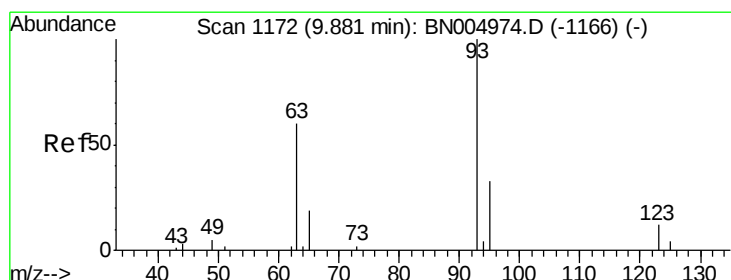
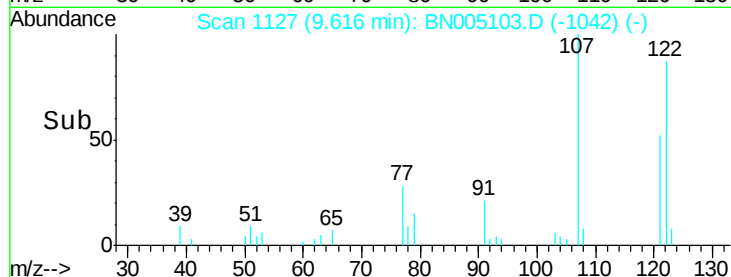
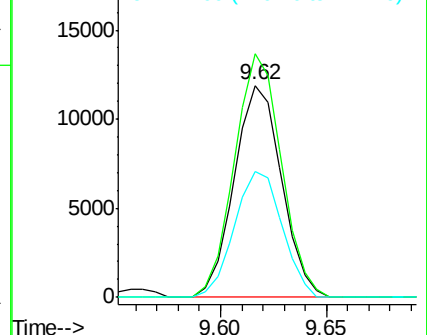
121 59.3 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.774 ng

RT: 9.86 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

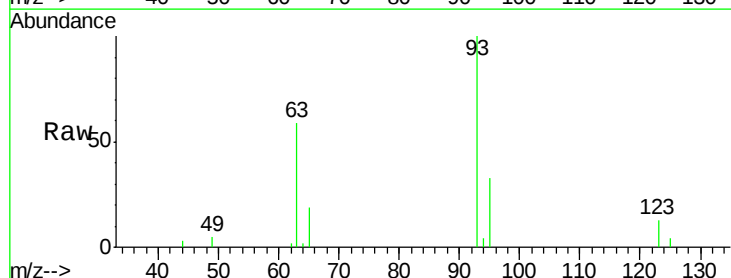
Tgt Ion: 93 Resp: 22911

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

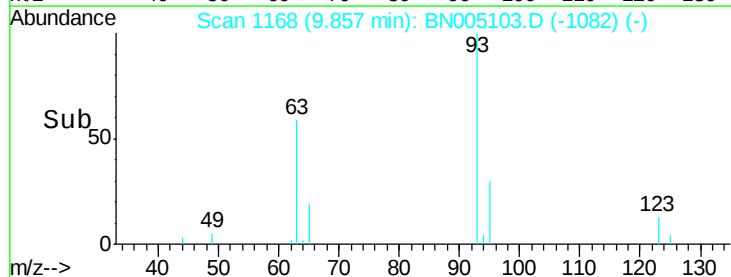
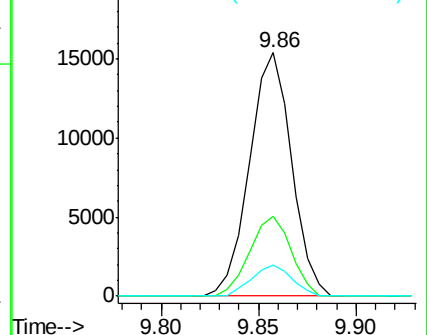
123 12.6 9.8 14.8

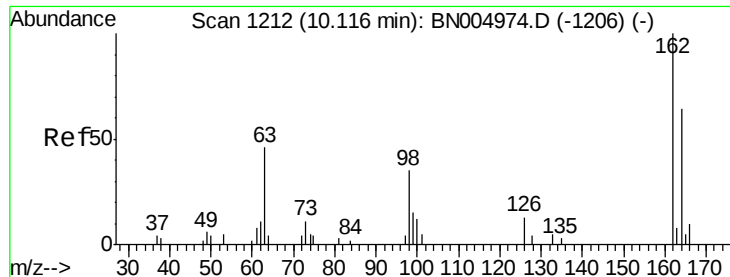


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

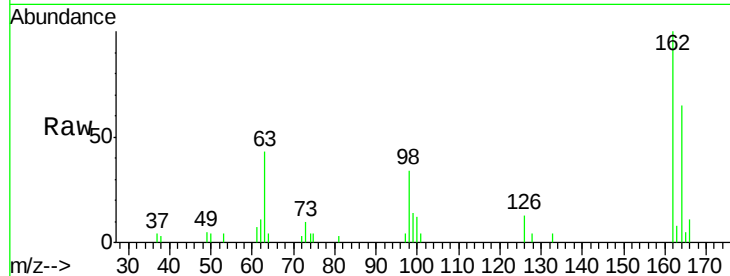




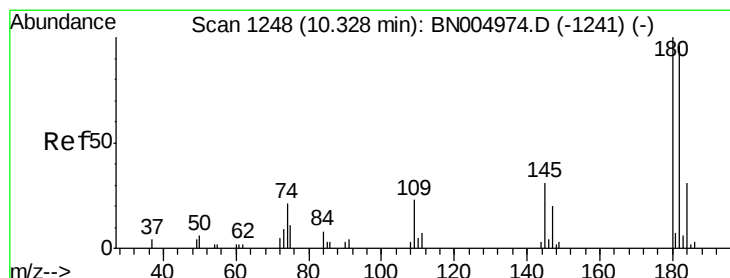
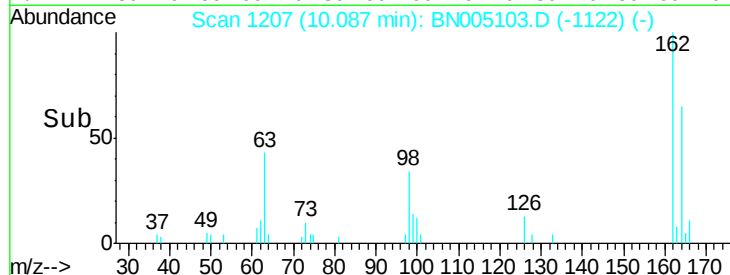
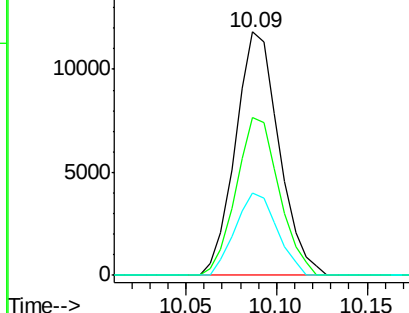
#29
 2,4-Dichlorophenol
 Concen: 37.369 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.3	84.3
98	34.0	15.3	55.3

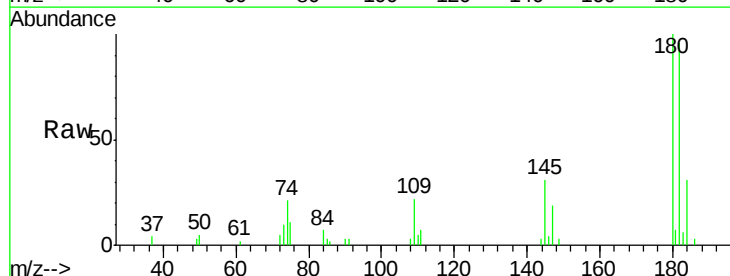


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

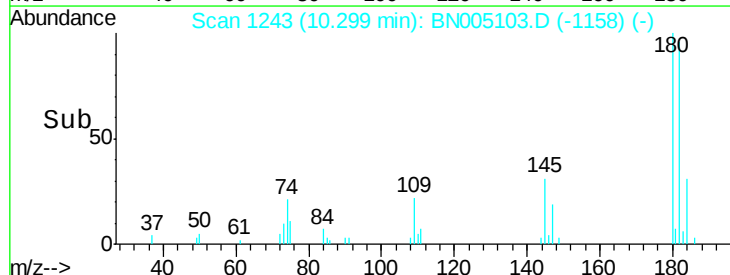
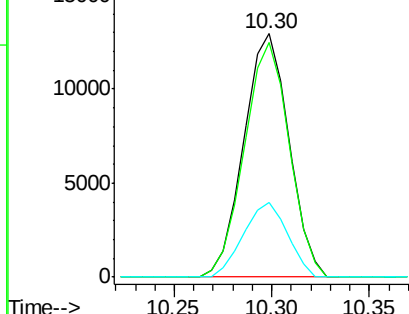


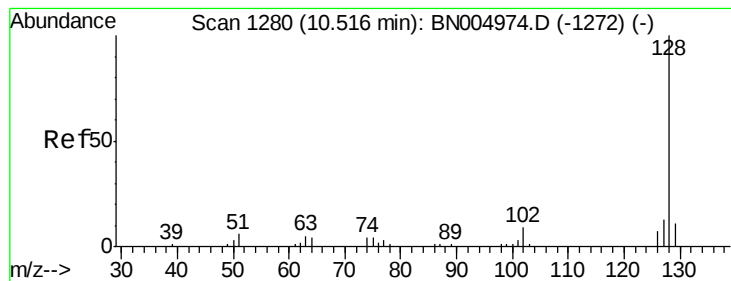
#30
 1,2,4-Trichlorobenzene
 Concen: 35.613 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	30.7	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.610 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

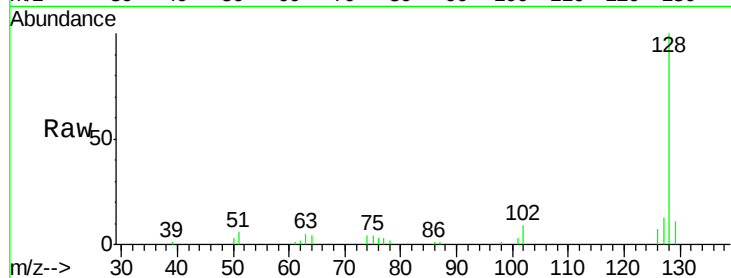
Tgt Ion:128 Resp: 61389

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

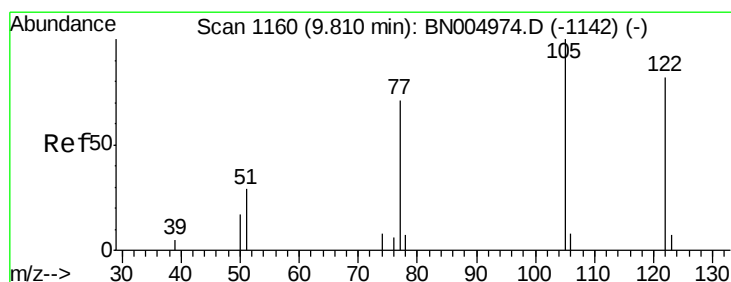
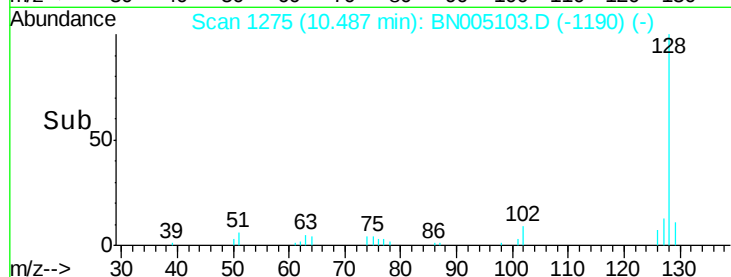
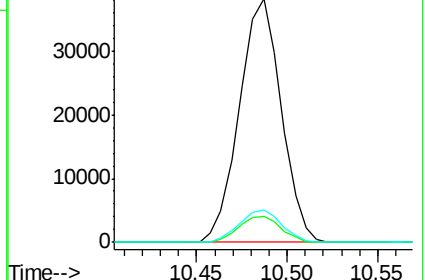
127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 15.308 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.06 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

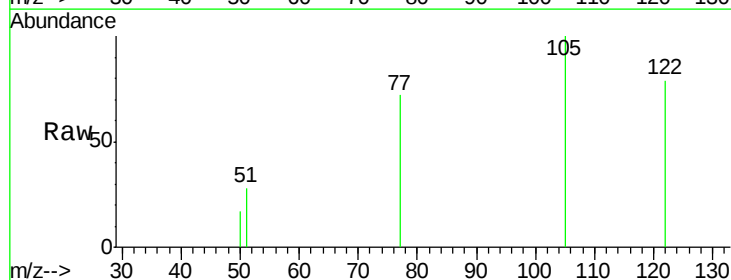
Tgt Ion:122 Resp: 4042

Ion Ratio Lower Upper

122 100

105 126.5 102.4 142.4

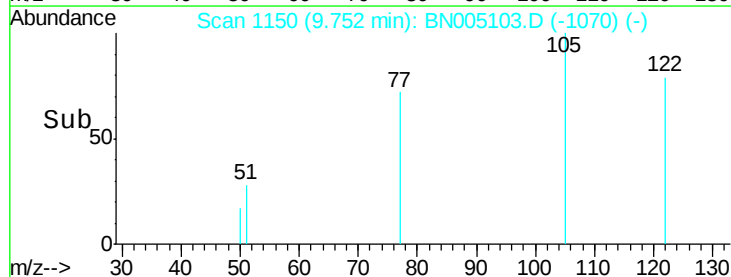
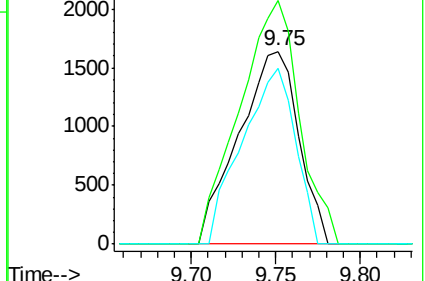
77 91.3 67.1 107.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

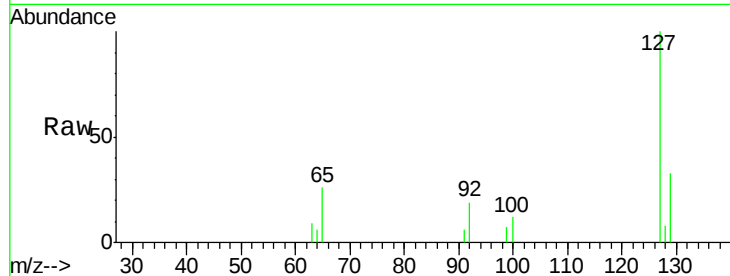




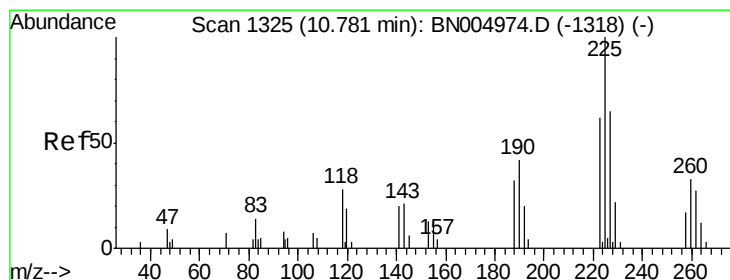
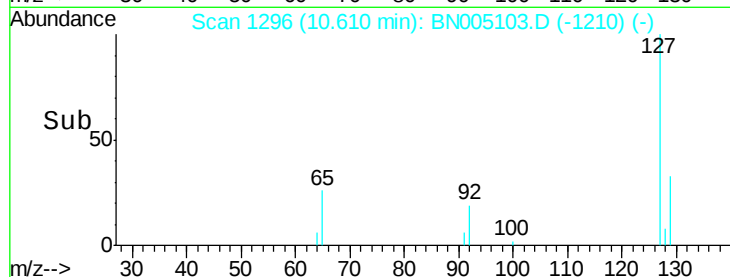
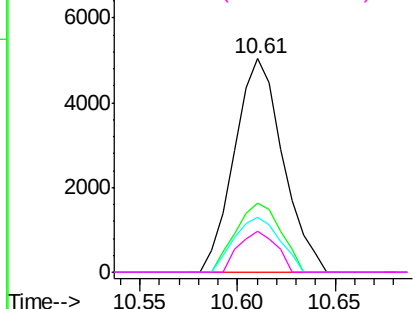
#33
4-Chloroaniline
Concen: 12.043 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Instrument :
BNA_N
ClientSampleId :
TP-3DMSD

Tgt Ion:	127	Resp:	8691
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	25.7	21.4	32.0
92	19.3	15.3	22.9

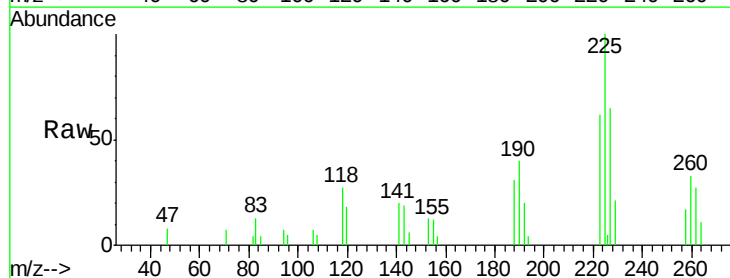


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

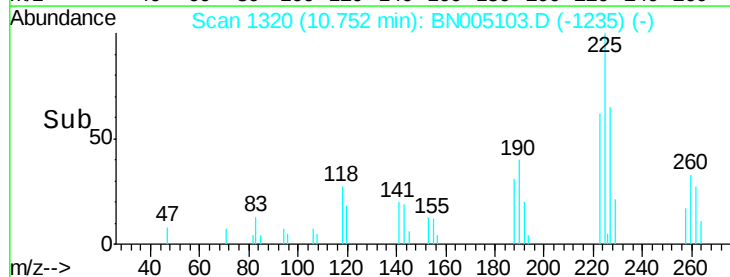
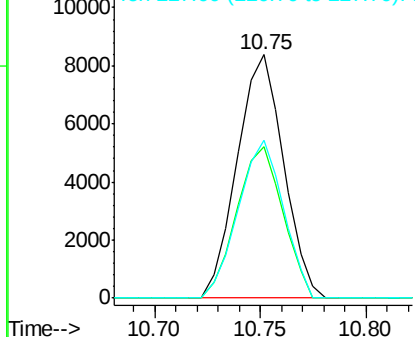


#34
Hexachlorobutadiene
Concen: 33.967 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Tgt Ion:	225	Resp:	12794
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	64.6	52.0	78.0



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





#35

Caprolactam

Concen: 29.861 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

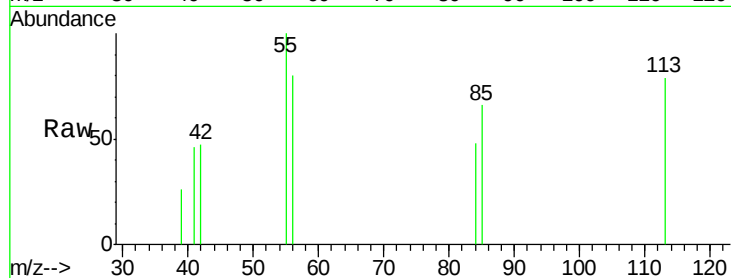
Tgt Ion:113 Resp: 5167

Ion Ratio Lower Upper

113 100

55 126.3 115.8 155.8

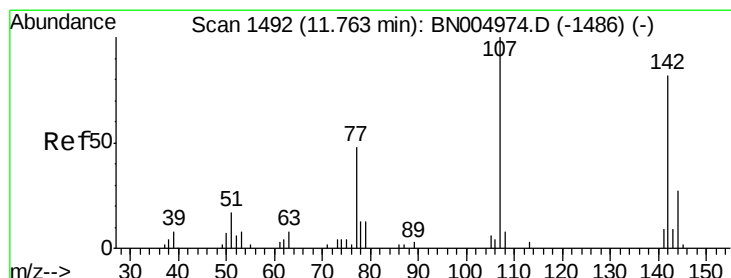
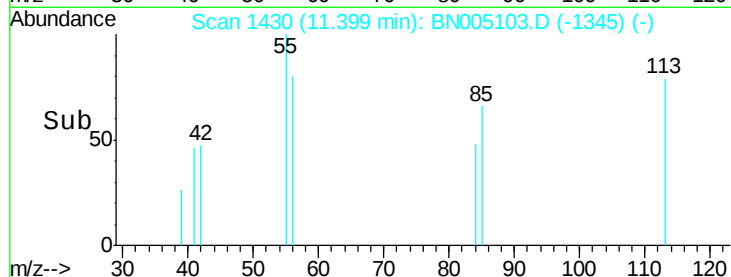
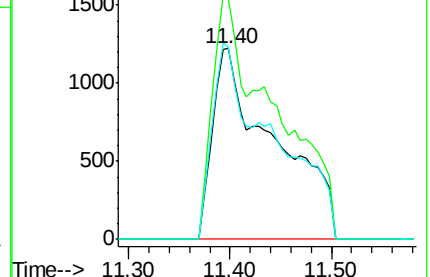
56 100.5 85.1 125.1



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



#36

4-Chloro-3-methylphenol

Concen: 35.642 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

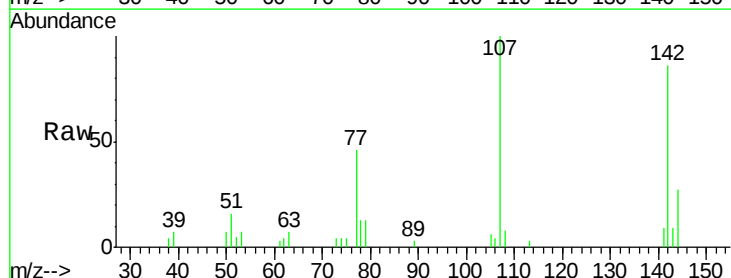
Tgt Ion:107 Resp: 20347

Ion Ratio Lower Upper

107 100

144 27.3 21.3 31.9

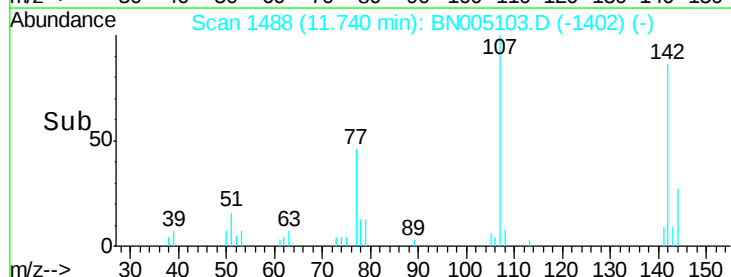
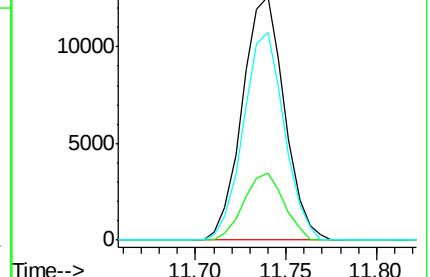
142 85.6 65.8 98.8



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

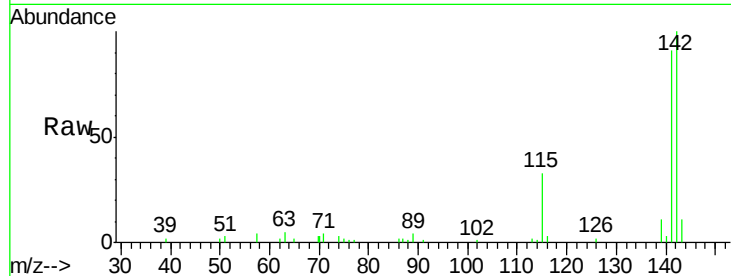




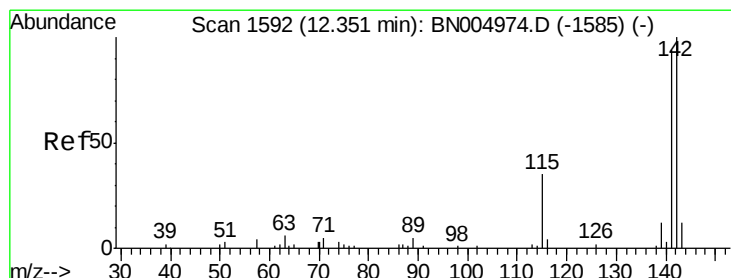
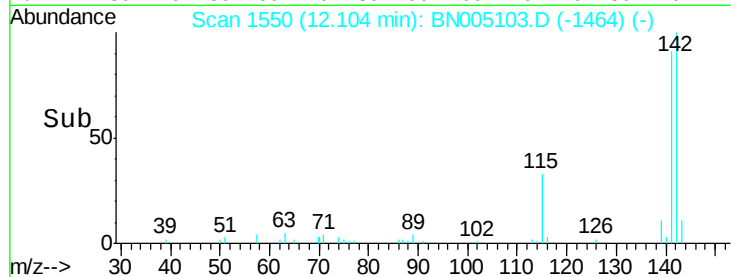
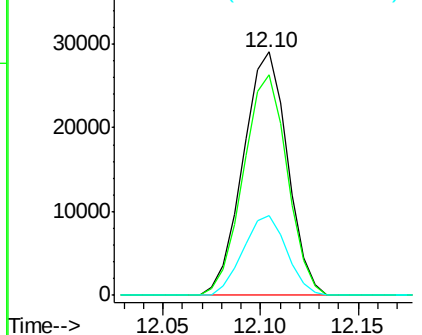
#37
 2-Methylnaphthalene
 Concen: 36.461 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:142 Resp: 45669
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.8 107.8
 115 32.9 27.0 40.4

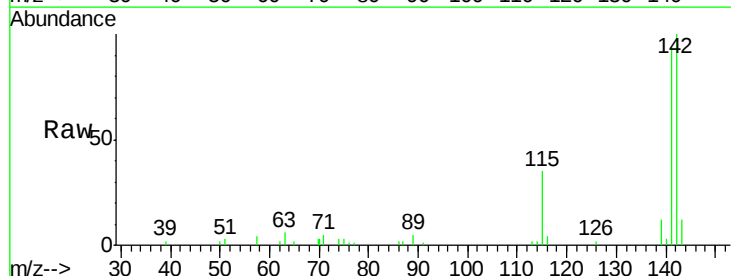


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

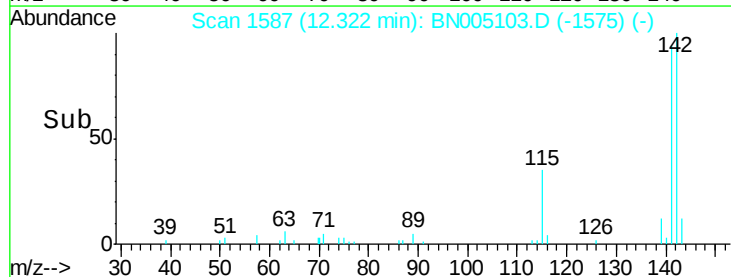
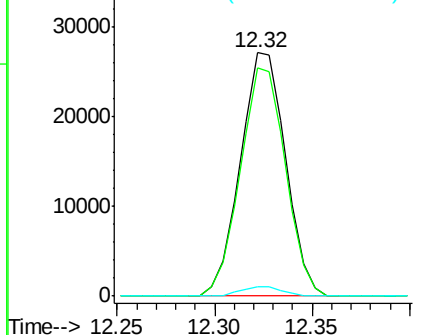


#38
 1-Methylnaphthalene
 Concen: 35.527 ng
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:142 Resp: 43543
 Ion Ratio Lower Upper
 142 100
 141 93.6 74.9 112.3
 116 3.7 3.0 4.4



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

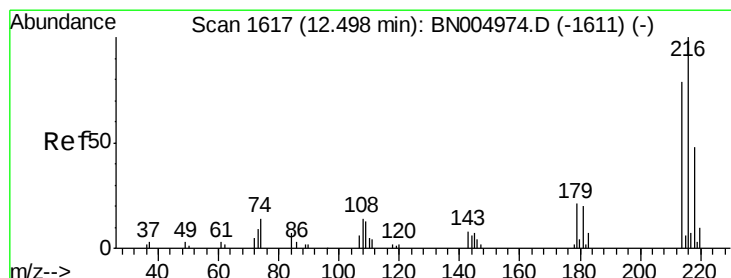
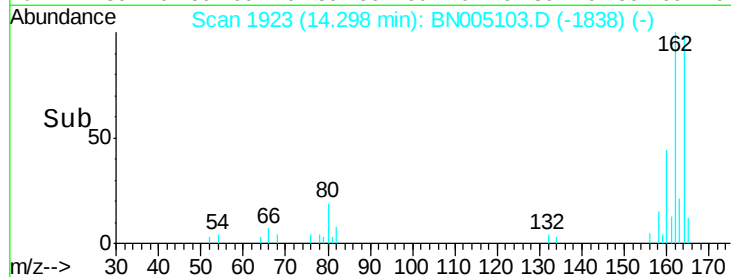
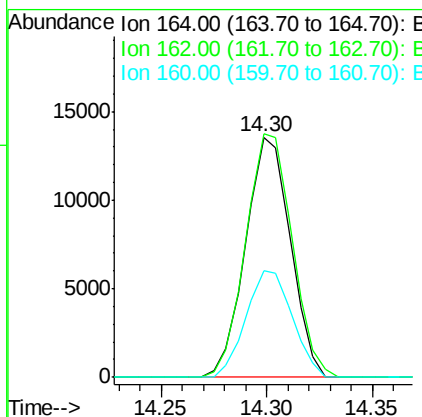
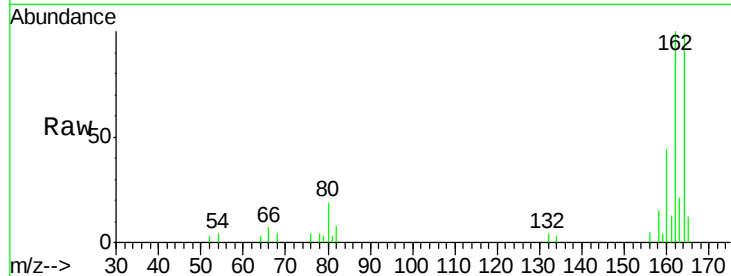




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

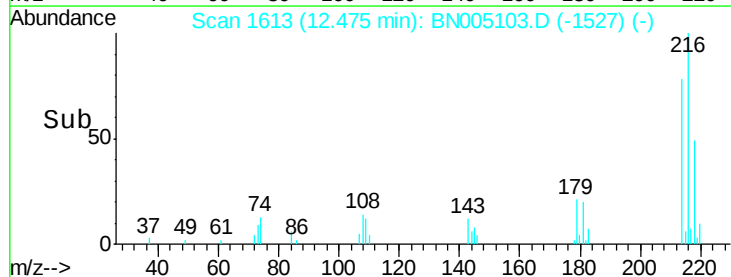
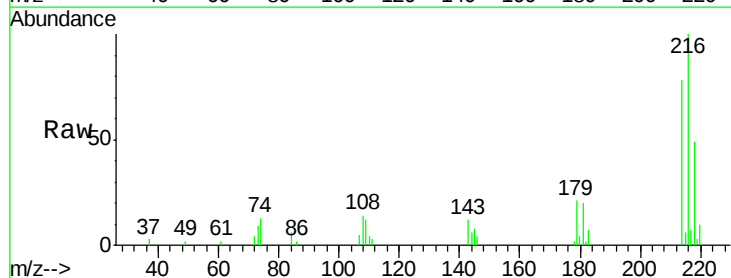
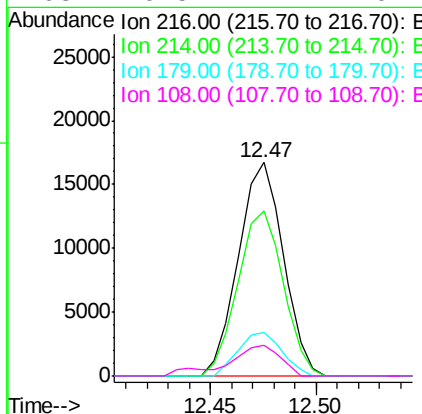
Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

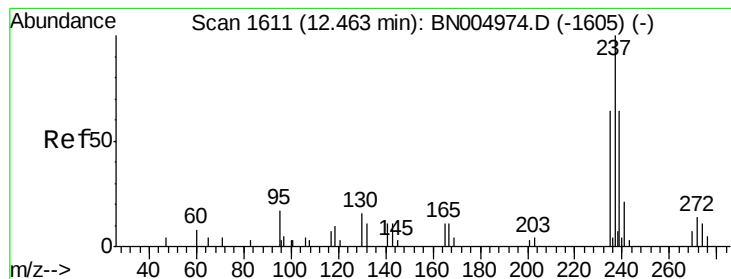
Tgt Ion:164 Resp: 19930
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.4 125.0
 160 44.3 36.6 55.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.989 ng
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:216 Resp: 24734
 Ion Ratio Lower Upper
 216 100
 214 78.2 62.6 94.0
 179 20.0 16.4 24.6
 108 16.5 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 79.045 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

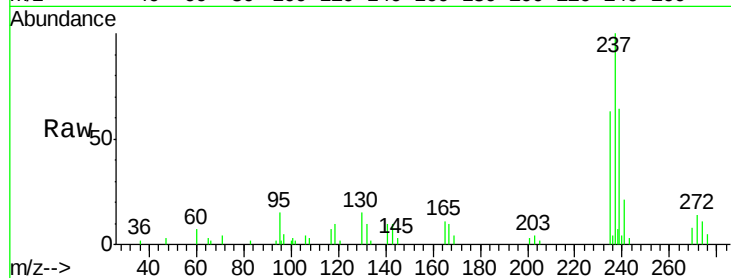
Tgt Ion:237 Resp: 31597

Ion Ratio Lower Upper

237 100

235 62.7 43.6 83.6

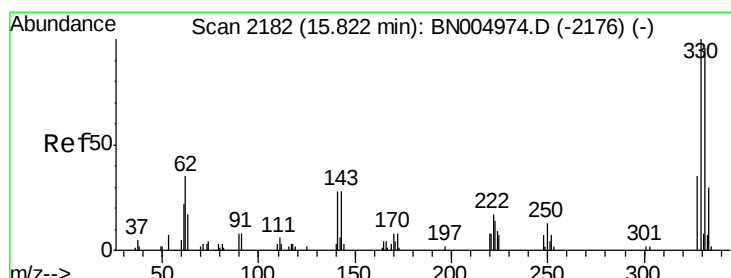
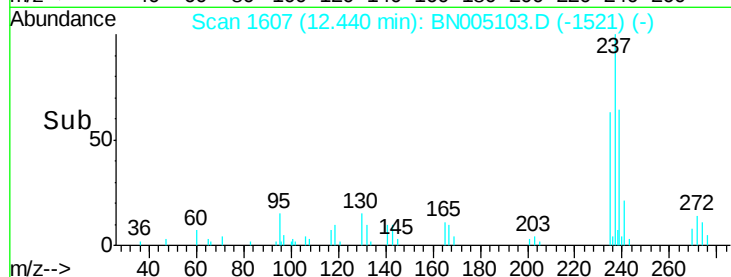
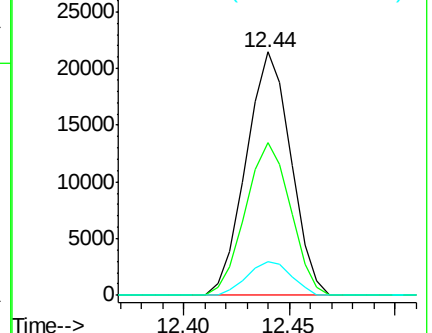
272 14.1 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.580 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

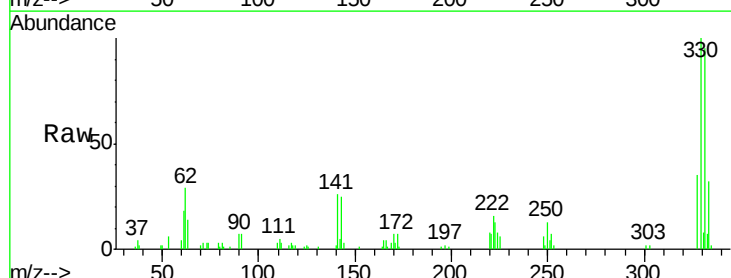
Tgt Ion:330 Resp: 44223

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

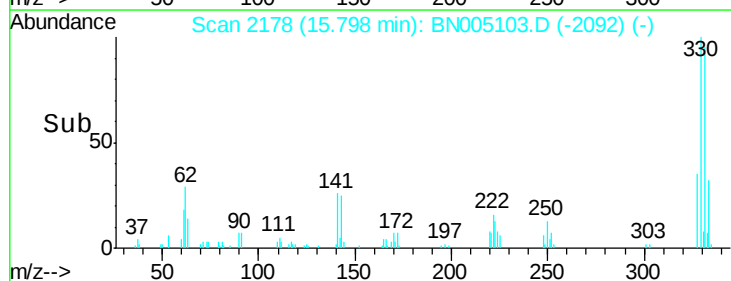
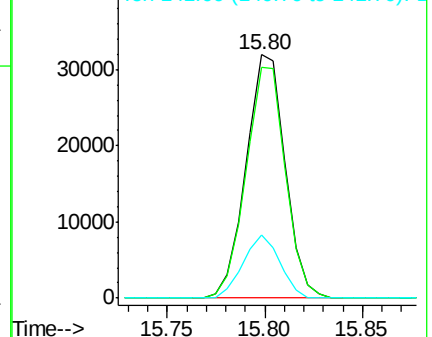
141 24.5 22.1 33.1

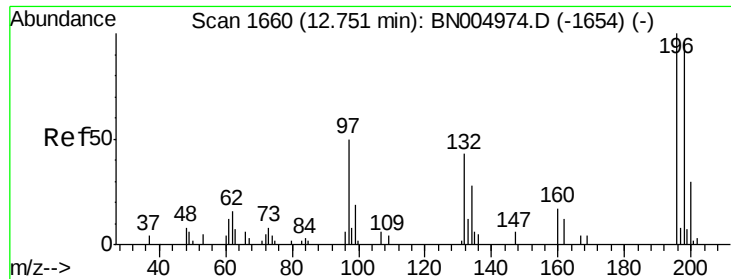


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

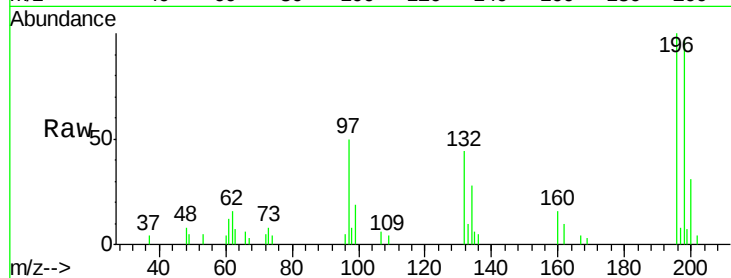




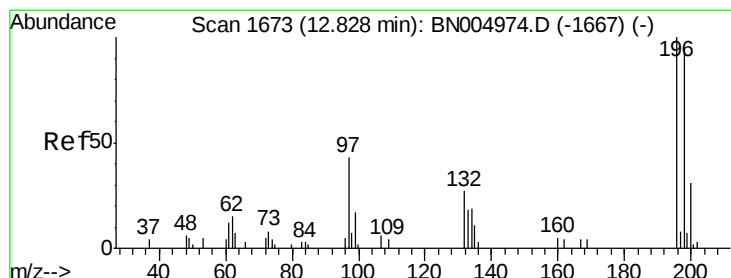
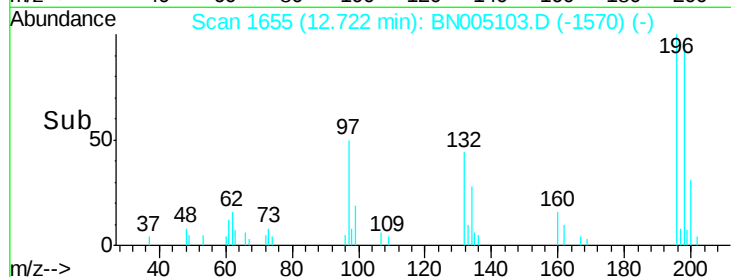
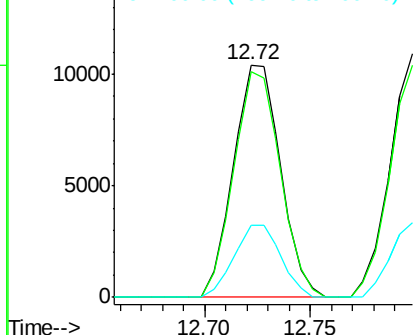
#43
 2,4,6-Trichlorophenol
 Concen: 36.655 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:196 Resp: 16078
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.5 114.7
 200 31.2 24.0 36.0

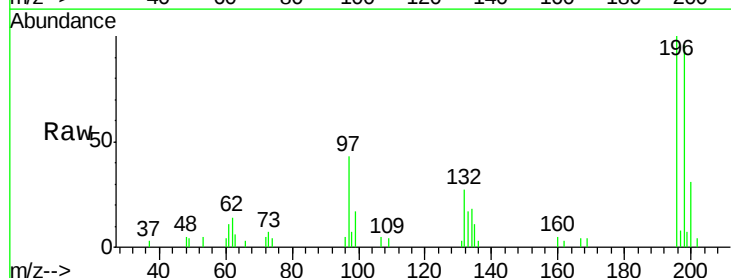


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

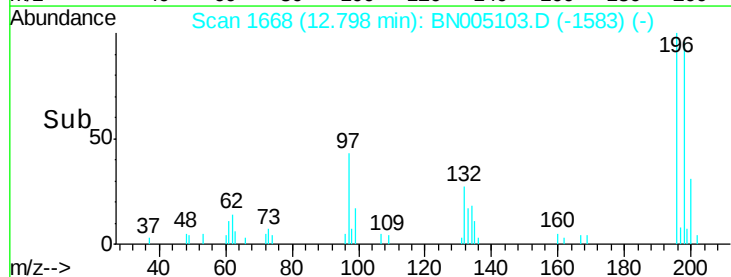
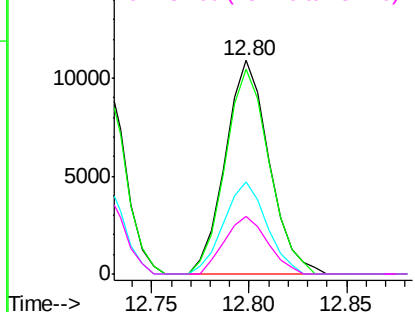


#44
 2,4,5-Trichlorophenol
 Concen: 35.584 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:196 Resp: 17004
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.1 114.1
 97 43.4 34.8 52.2
 132 27.2 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

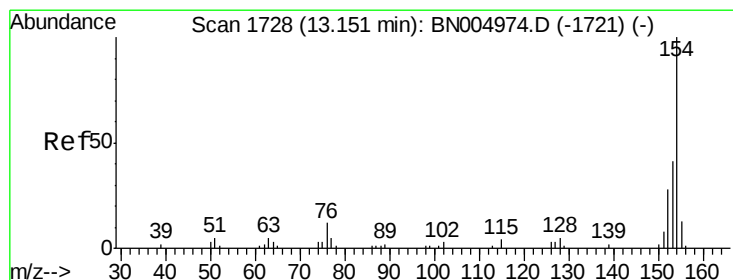
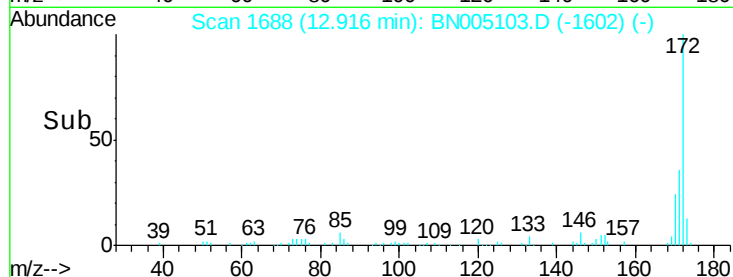
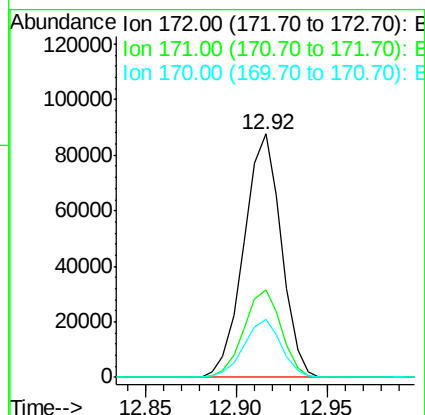
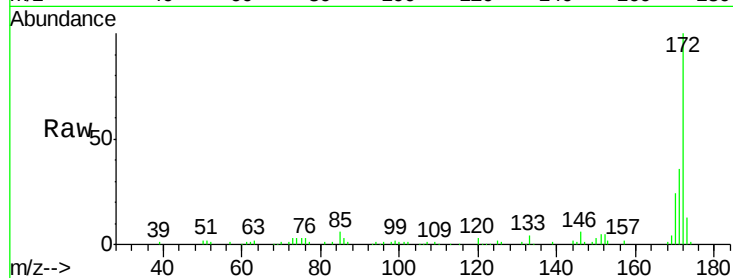




#45
 2-Fluorobiphenyl
 Concen: 83.387 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

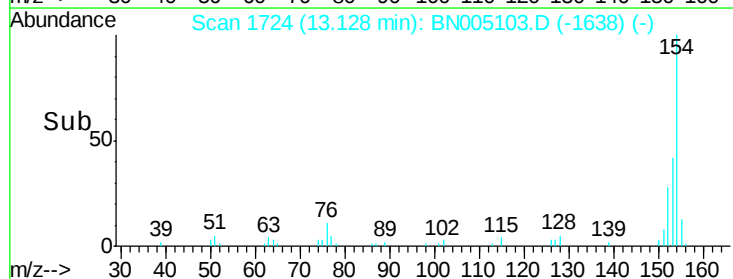
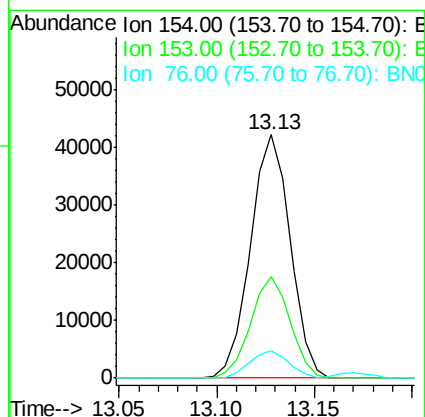
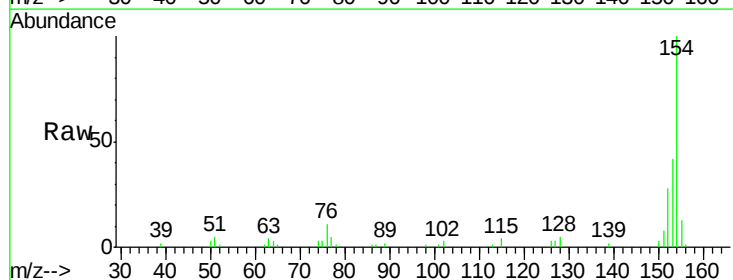
Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

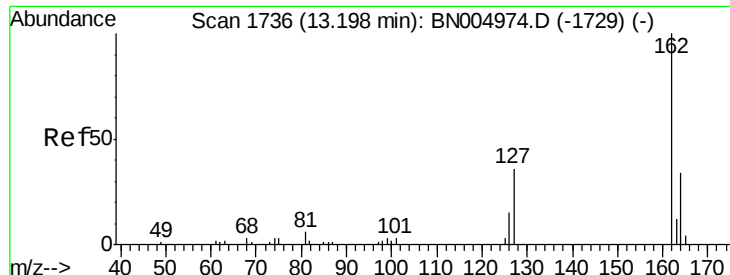
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.6	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 35.323 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	11.2	0.0	32.2

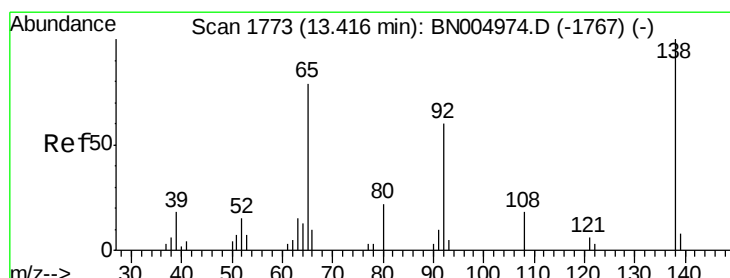
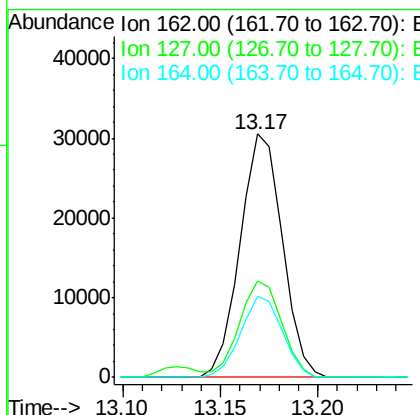
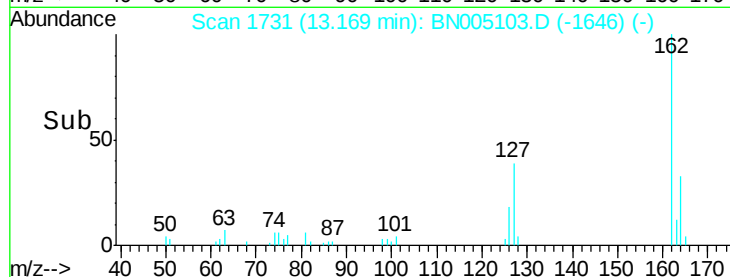
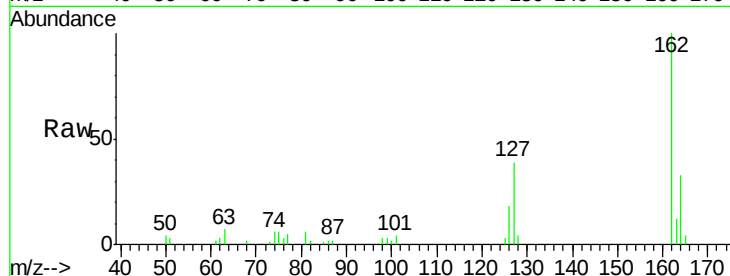




#47
 2-Chloronaphthalene
 Concen: 35.426 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

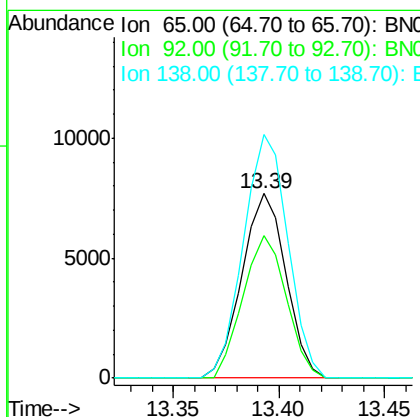
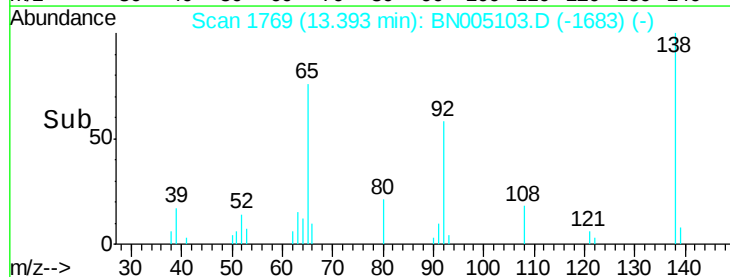
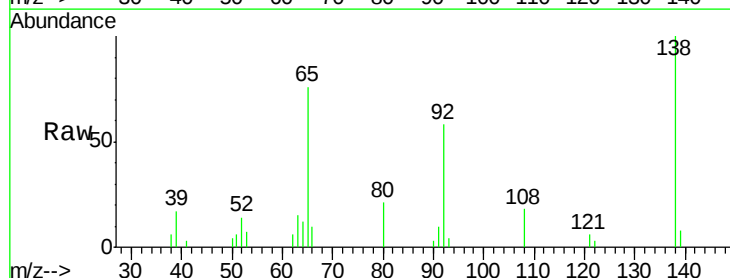
Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion: 162 Resp: 45856
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.4 48.6
 164 33.2 26.8 40.2



#48
 2-Nitroaniline
 Concen: 32.394 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion: 65 Resp: 11162
 Ion Ratio Lower Upper
 65 100
 92 77.2 60.2 90.4
 138 132.2 101.1 151.7





#49

Acenaphthylene

Concen: 33.952 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

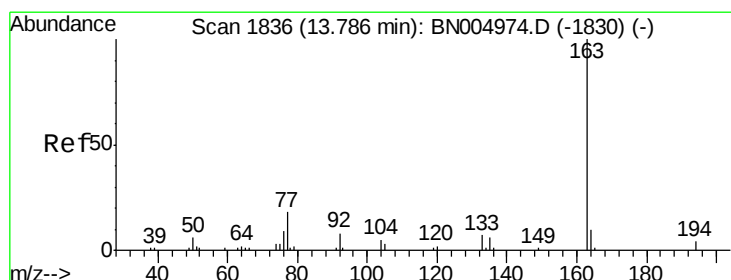
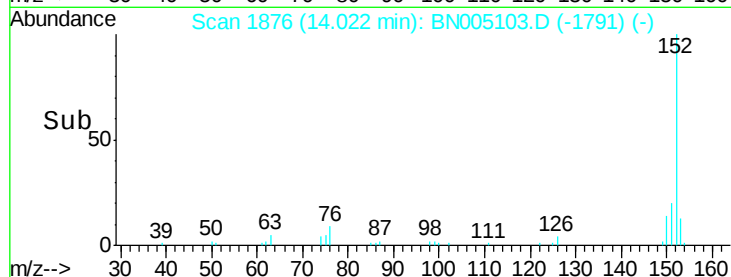
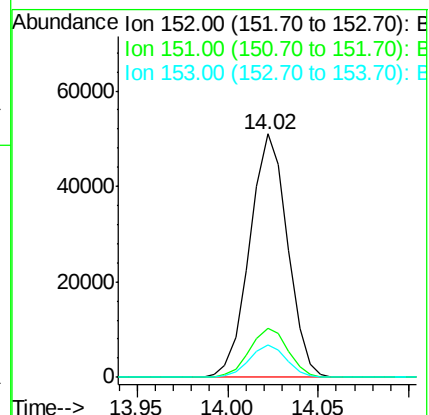
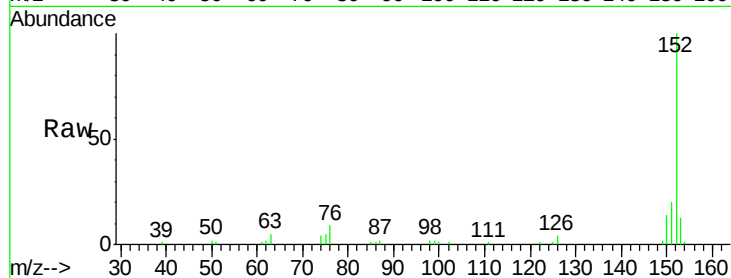
Tgt Ion:152 Resp: 73919

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 42.255 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

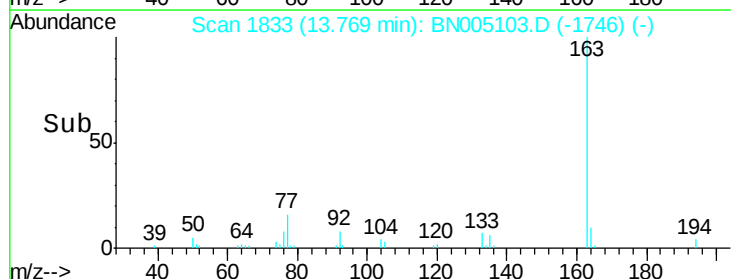
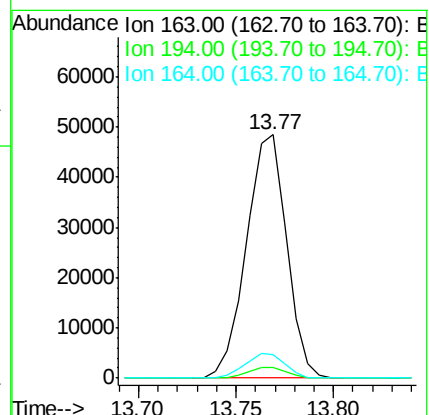
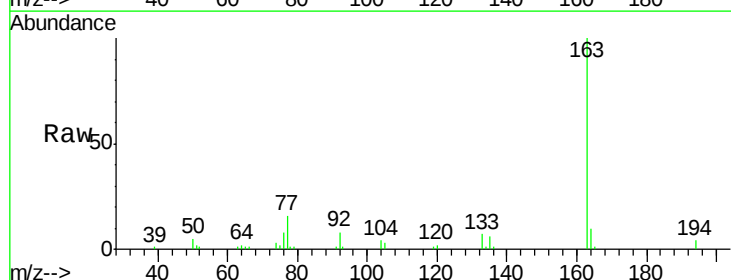
Tgt Ion:163 Resp: 69188

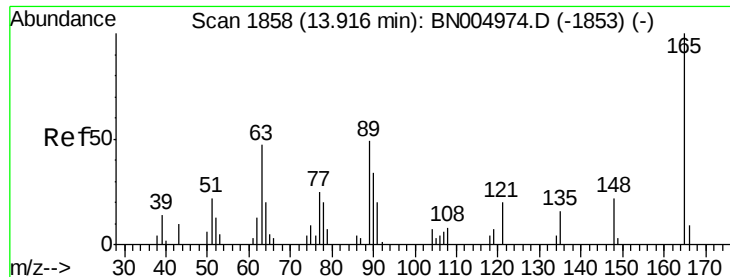
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 9.9 8.3 12.5

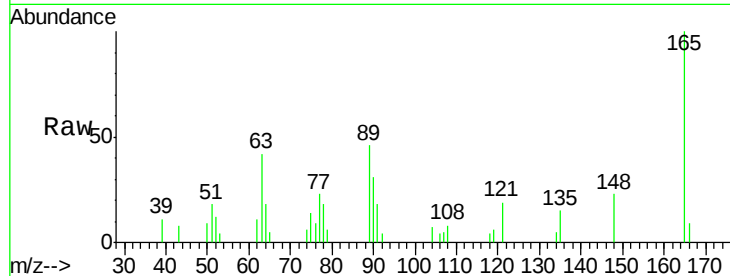




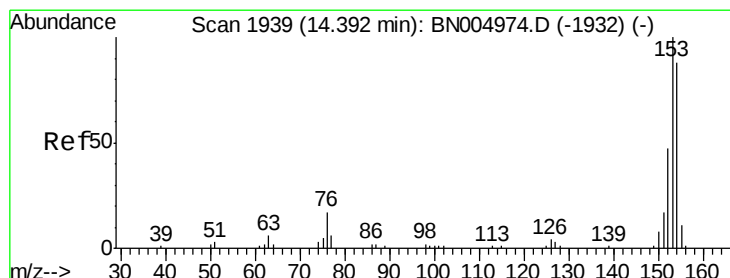
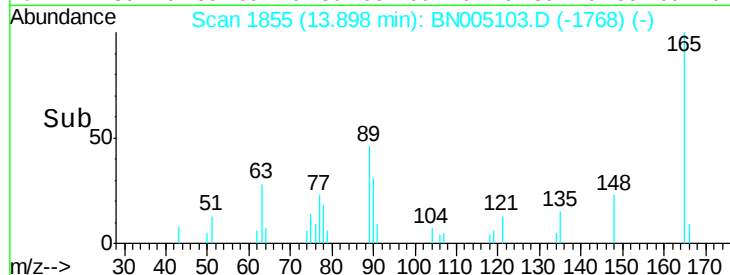
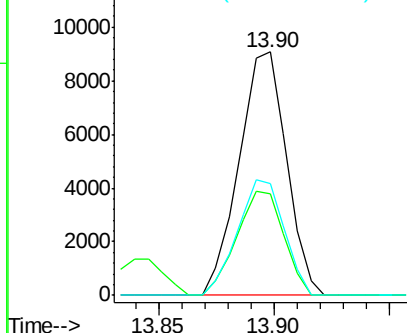
#51
 2,6-Dinitrotoluene
 Concen: 34.854 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.6	37.3	55.9
89	46.1	39.2	58.8

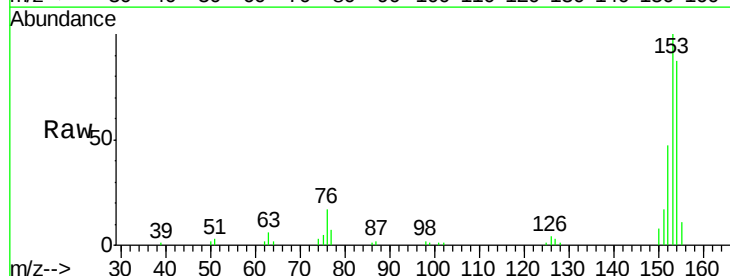


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 89.00 (88.70 to 89.70): BNO

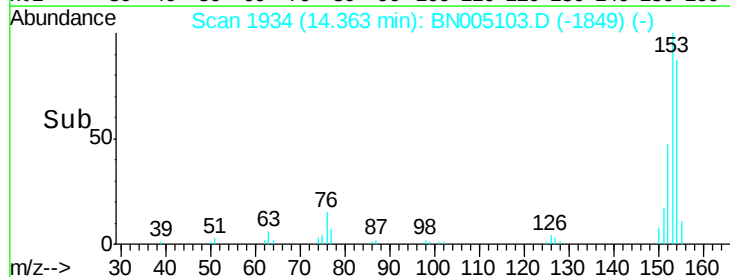
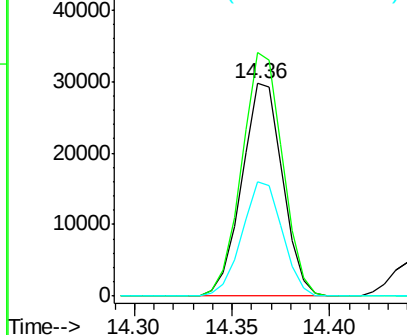


#52
 Acenaphthene
 Concen: 35.100 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.0	136.4
152	53.8	43.0	64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

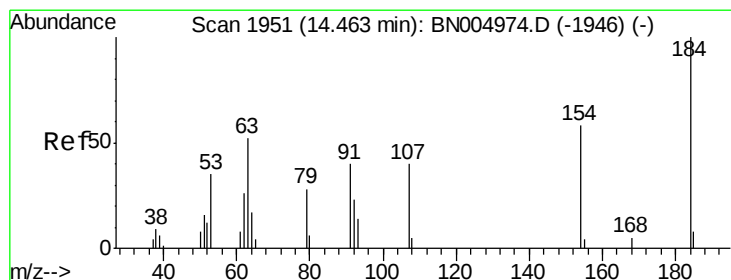
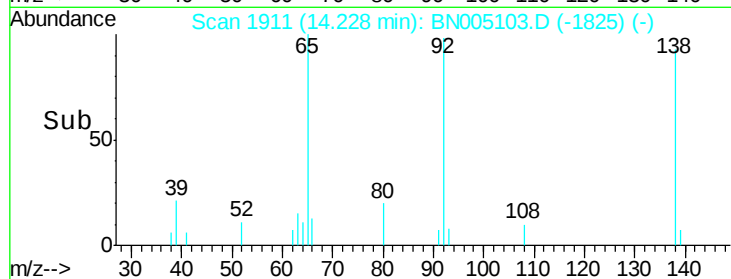
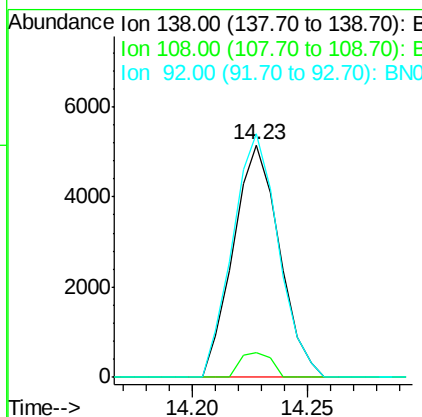
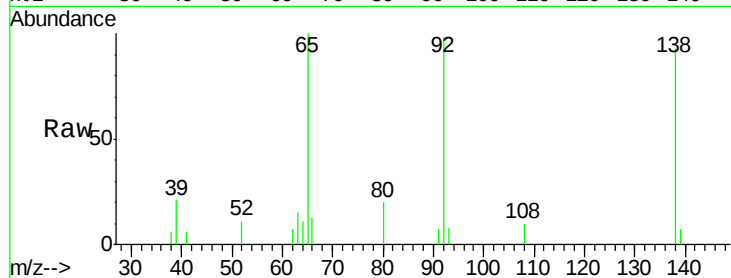




#53
 3-Nitroaniline
 Concen: 18.904 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

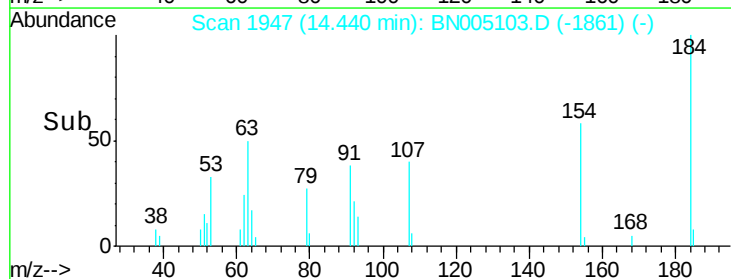
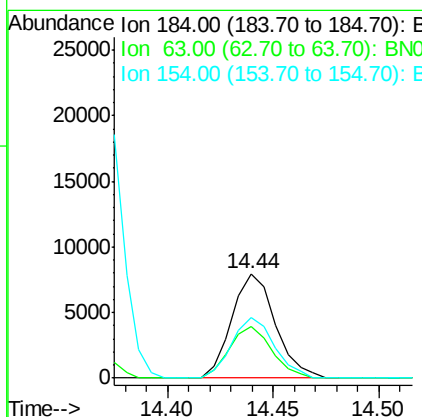
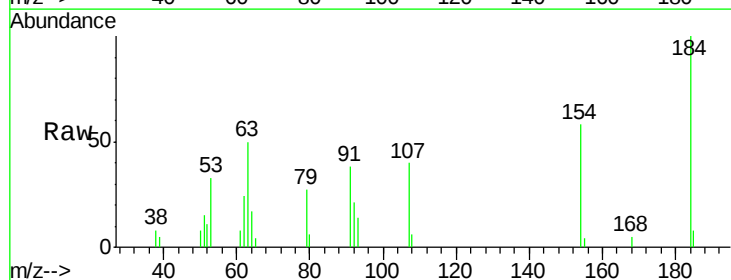
Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

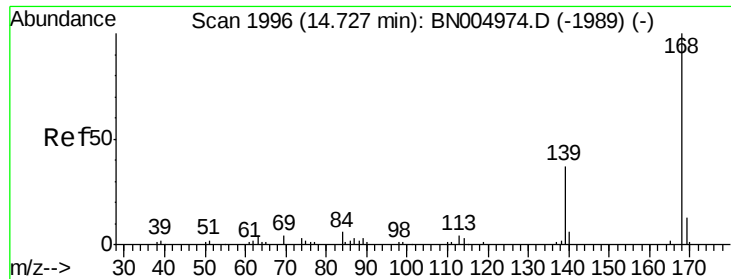
Tgt Ion:138 Resp: 7199
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.6 12.8
 92 104.7 86.9 130.3



#54
 2,4-Dinitrophenol
 Concen: 53.636 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:184 Resp: 11339
 Ion Ratio Lower Upper
 184 100
 63 49.8 41.6 62.4
 154 58.5 46.8 70.2





#55

Dibenzenofuran

Concen: 35.252 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

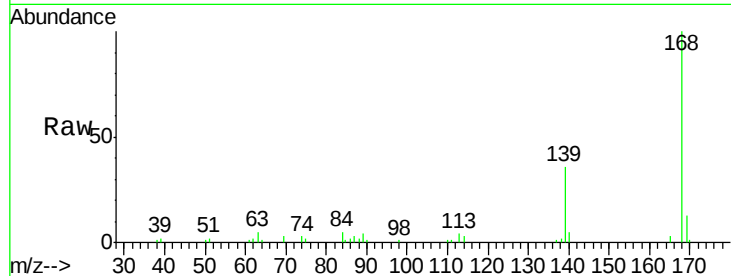
Tgt Ion:168 Resp: 68700

Ion Ratio Lower Upper

168 100

139 36.3 29.9 44.9

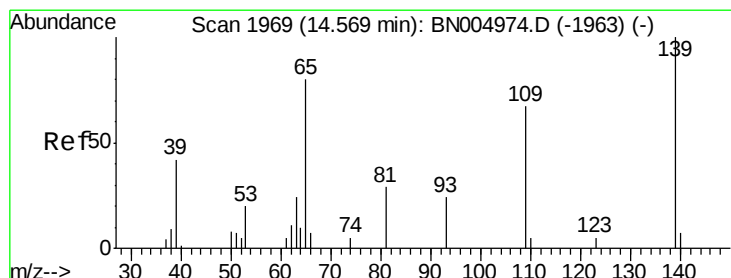
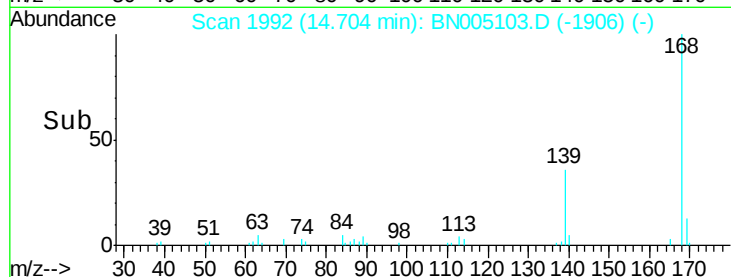
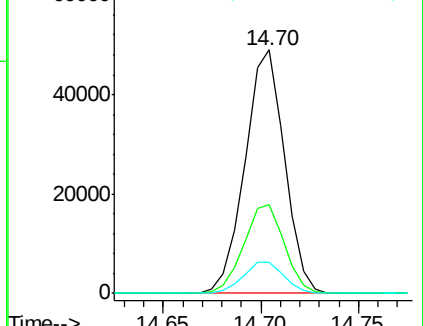
169 12.9 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.944 ng

RT: 14.55 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

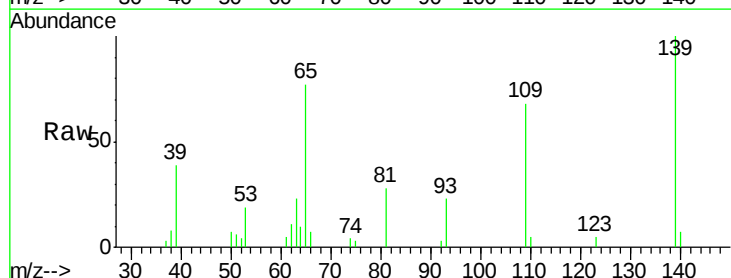
Tgt Ion:139 Resp: 19483

Ion Ratio Lower Upper

139 100

109 67.9 46.5 86.5

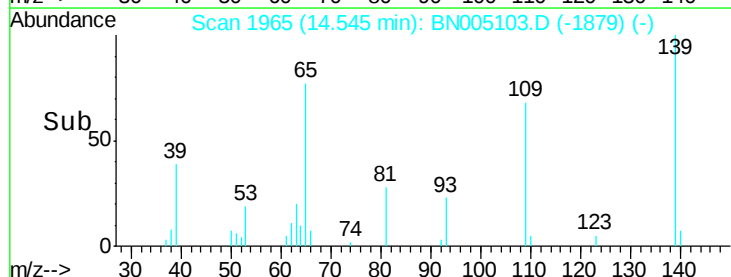
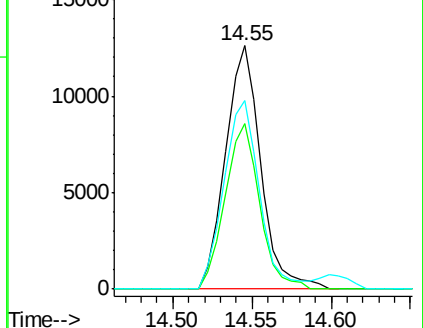
65 77.4 59.5 99.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

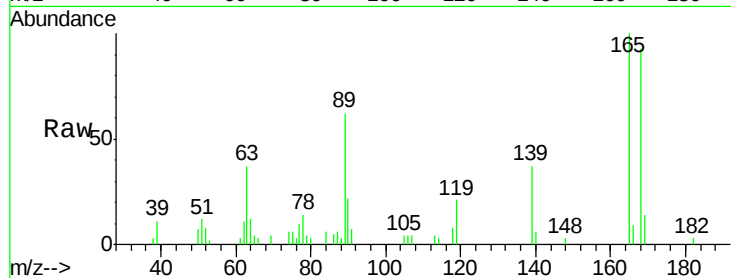




#57
2,4-Dinitrotoluene
Concen: 35.371 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Instrument :
BNA_N
ClientSampleId :
TP-3DMSD

Tgt Ion:	165	Resp:	17910
Ion	Ratio	Lower	Upper
165	100		
63	36.8	30.4	45.6
89	61.6	50.7	76.1
182	3.2	2.5	3.7

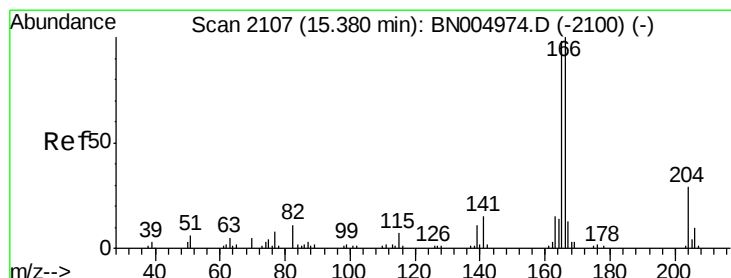
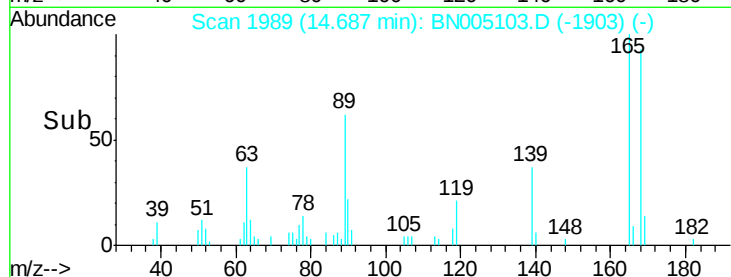
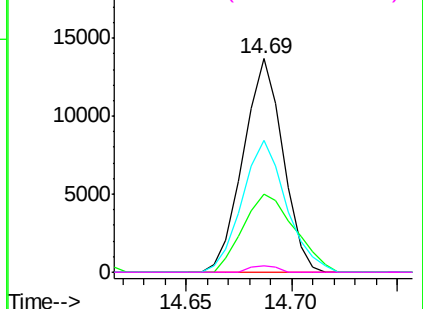


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

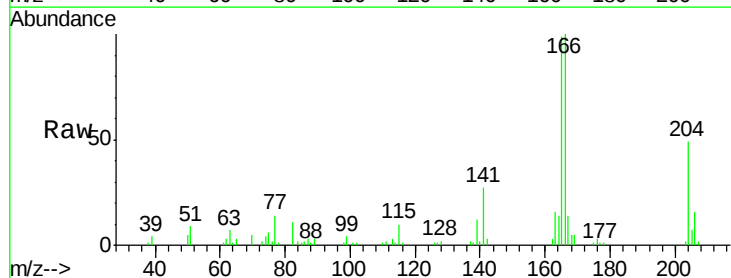
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.253 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

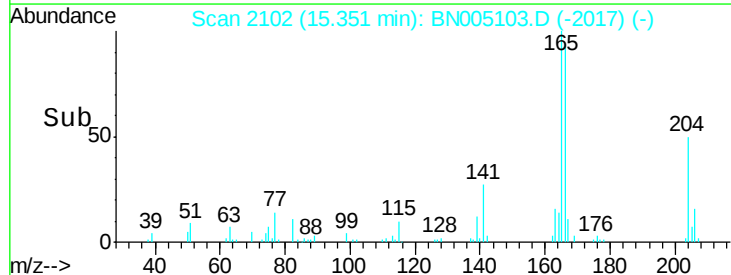
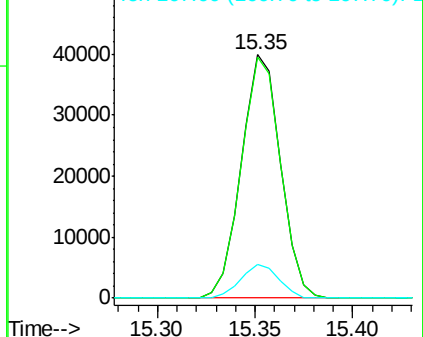
Tgt Ion:	166	Resp:	55498
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.3	117.5
167	13.6	10.6	15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

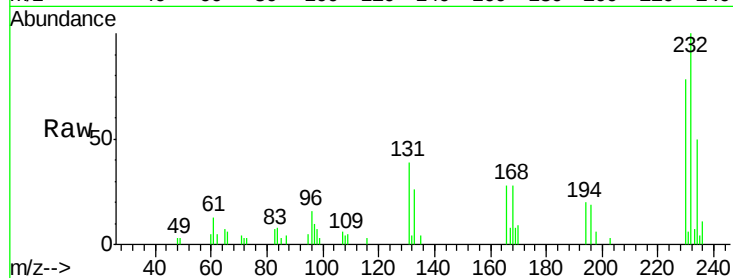




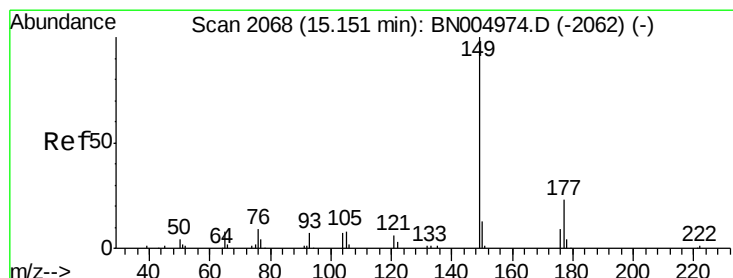
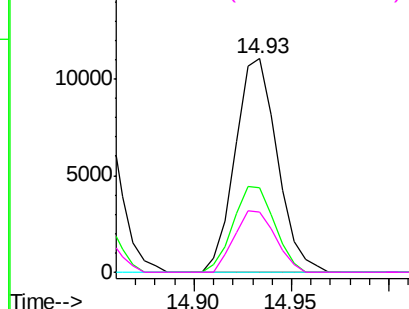
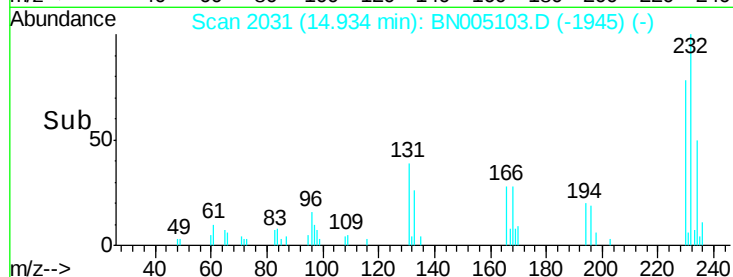
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.273 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:232 Resp: 16514
 Ion Ratio Lower Upper
 232 100
 131 39.5 32.4 48.6
 130 0.0 0.9 1.3#
 166 27.7 22.6 34.0

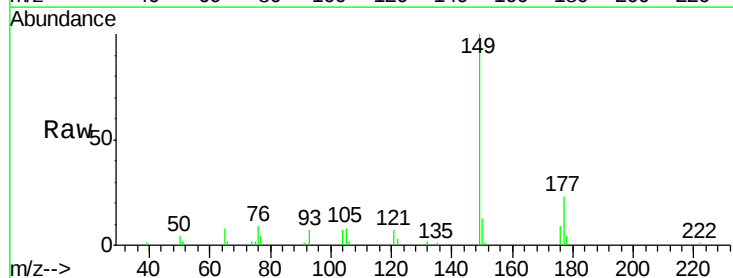


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

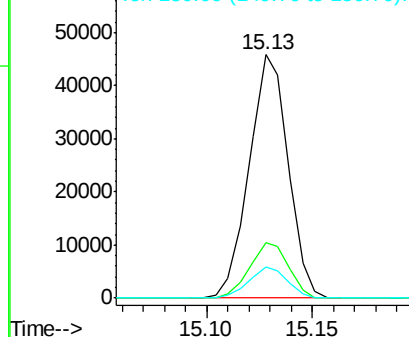
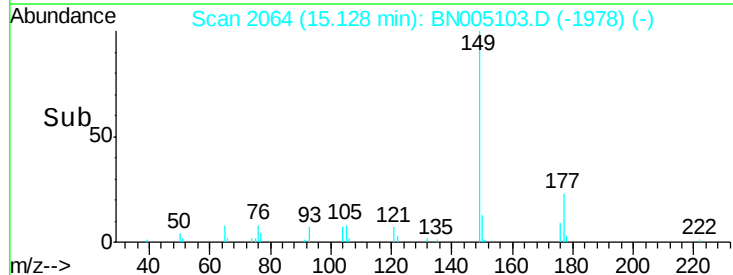


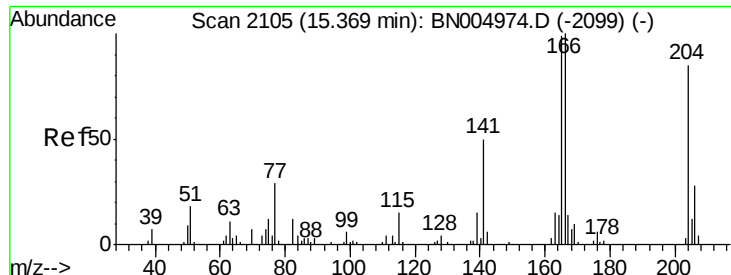
#60
 Diethylphthalate
 Concen: 35.925 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:149 Resp: 58698
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.1 27.1
 150 12.9 10.1 15.1



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

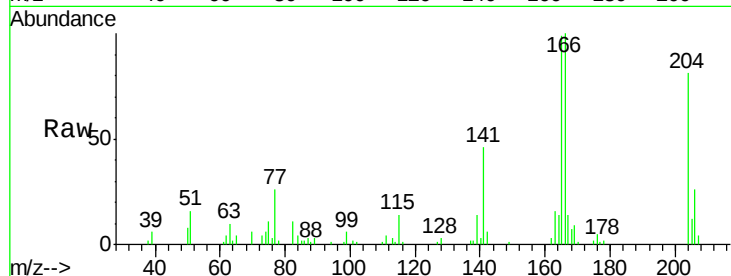




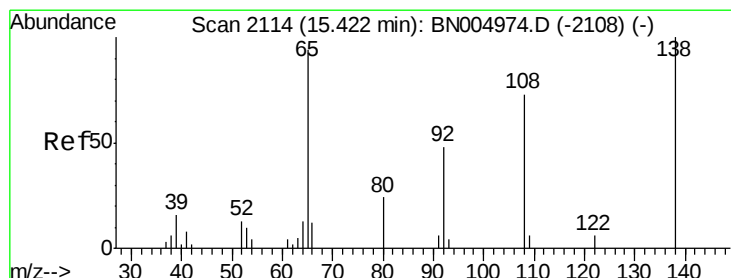
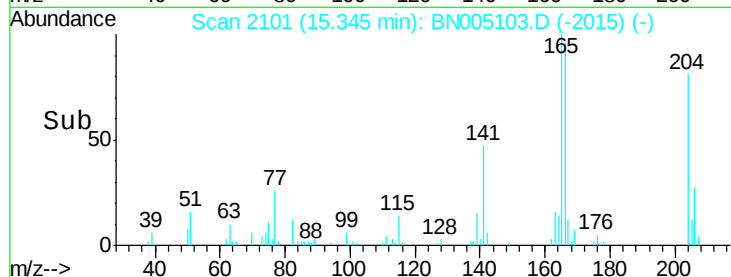
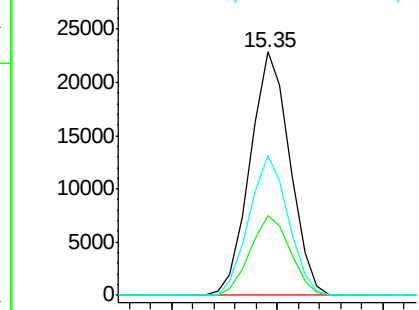
#61
 4-Chlorophenyl-phenylether
 Concen: 36.670 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:204 Resp: 29781
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 57.2 47.2 70.8

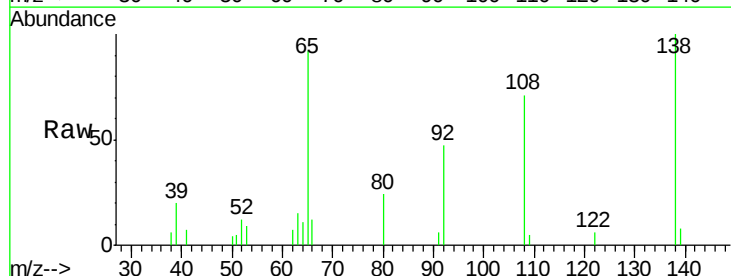


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

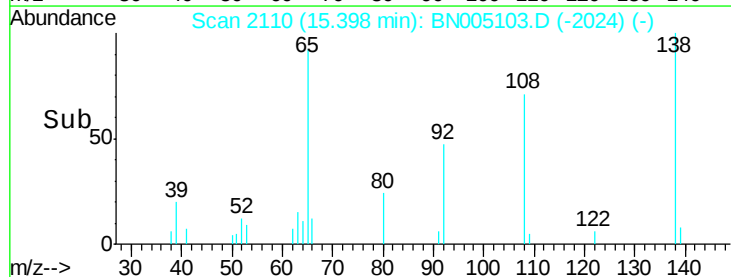
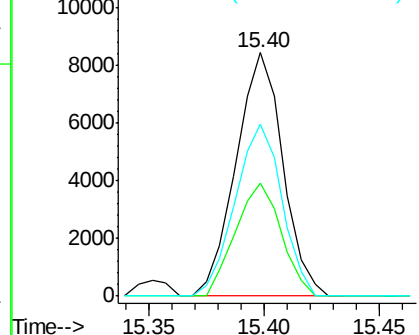


#62
 4-Nitroaniline
 Concen: 31.167 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:138 Resp: 11925
 Ion Ratio Lower Upper
 138 100
 92 46.6 26.4 66.4
 108 70.8 50.8 90.8



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





#63

Azobenzene

Concen: 33.484 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

Tgt Ion: 77 Resp: 45543

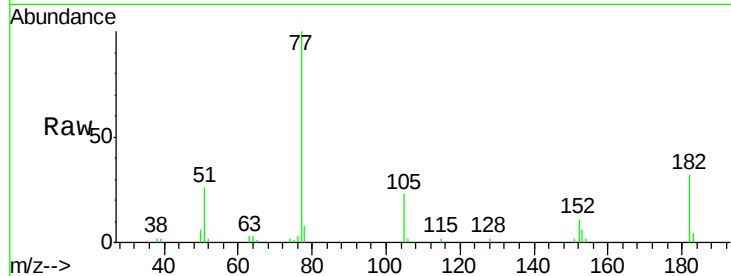
Ion Ratio Lower Upper

77 100

182 31.8 10.0 50.0

105 23.5 2.9 42.9

51 26.4 6.0 46.0

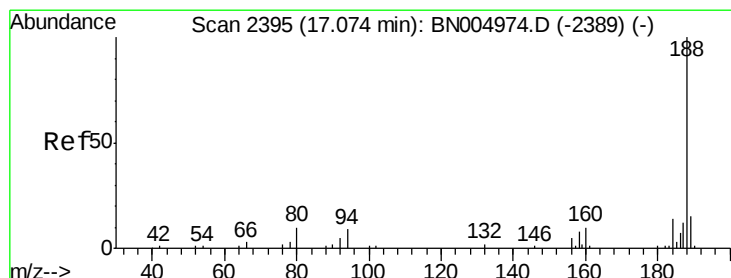
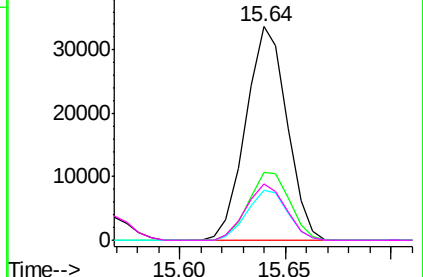
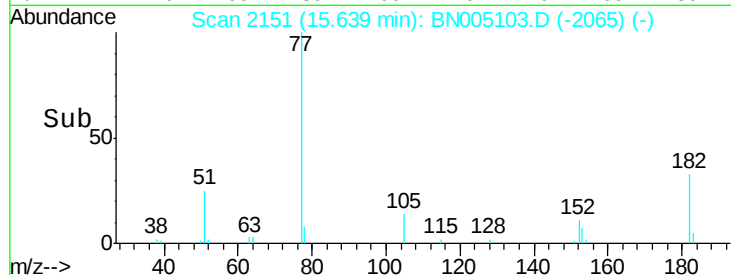


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

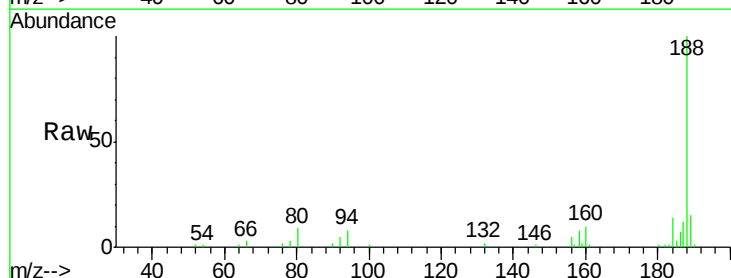
Tgt Ion: 188 Resp: 44169

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

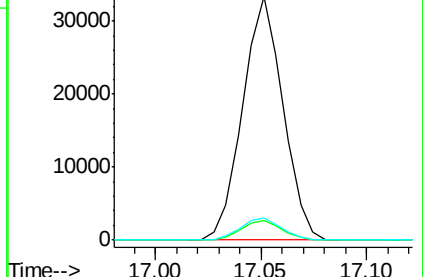
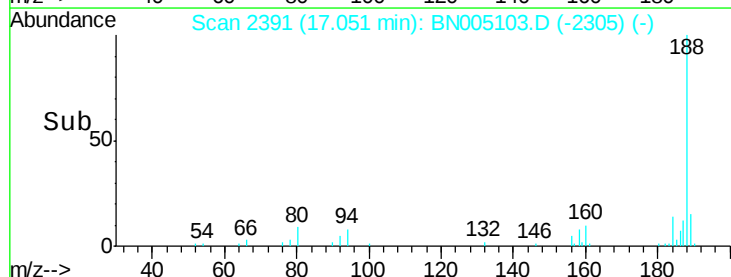
80 9.0 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

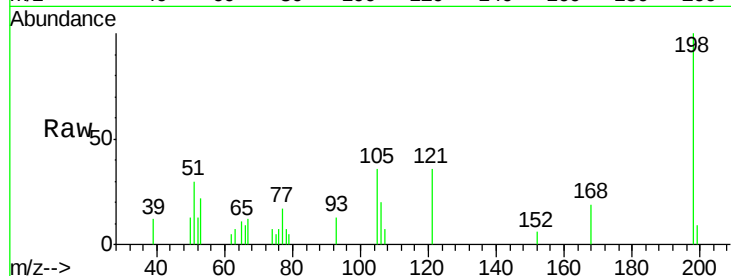




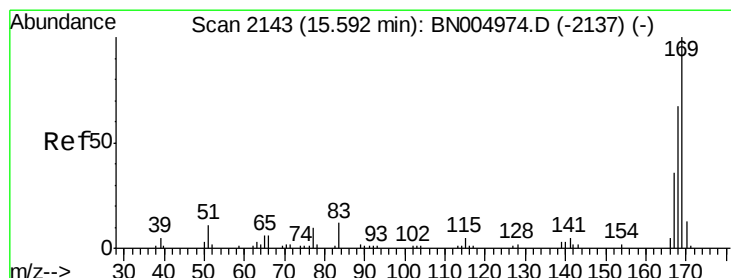
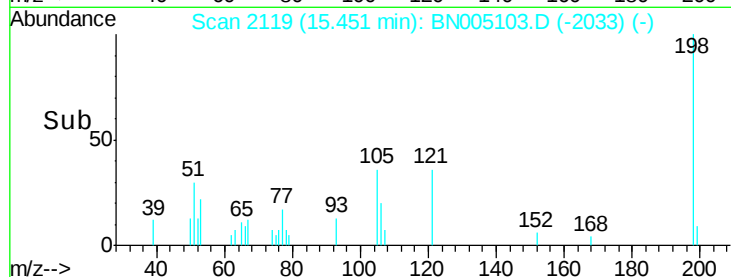
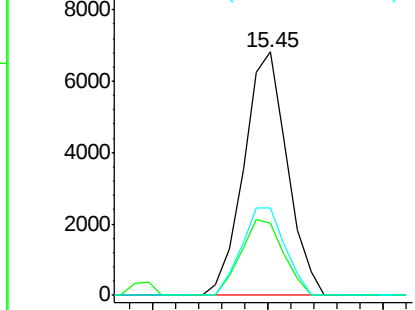
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.117 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:198 Resp: 8887
 Ion Ratio Lower Upper
 198 100
 51 29.6 12.0 52.0
 105 35.7 17.6 57.6

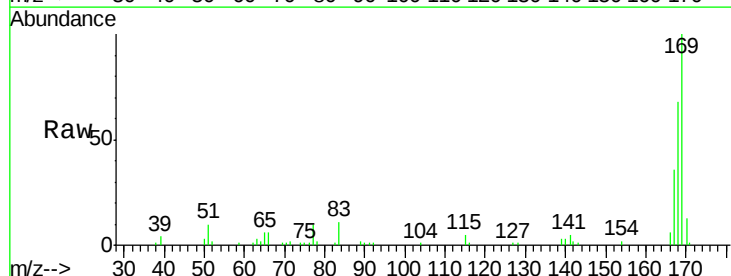


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

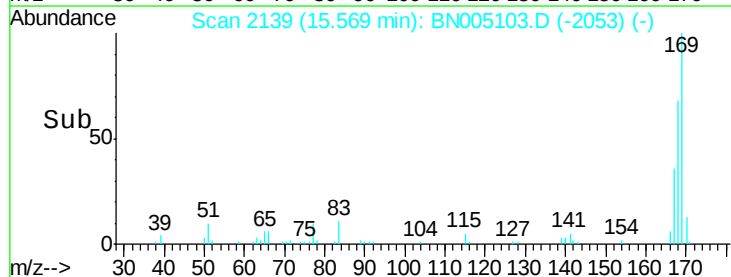
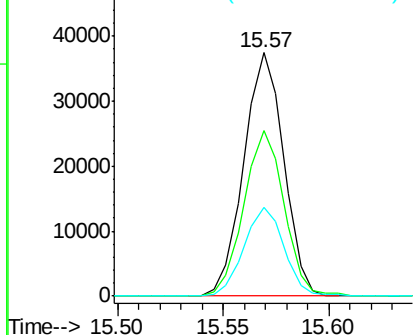


#66
 n-Nitrosodiphenylamine
 Concen: 35.417 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:169 Resp: 49276
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.4 80.2
 167 36.3 28.9 43.3



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

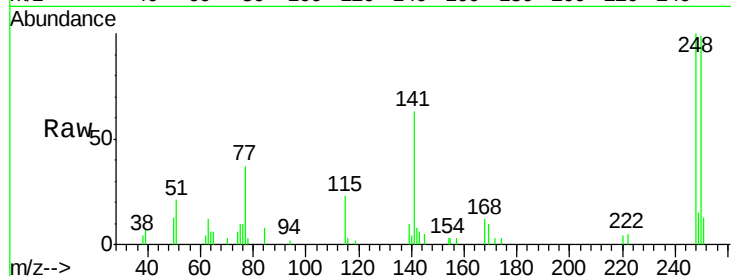




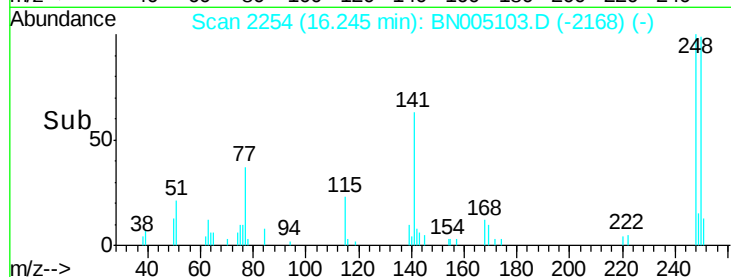
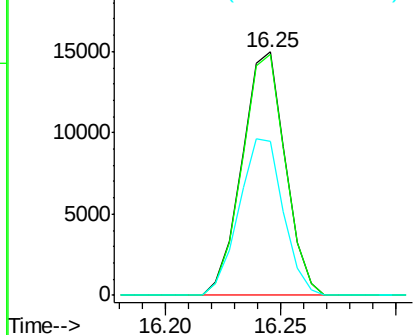
#67
 4-Bromophenyl-phenylether
 Concen: 35.454 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:248 Resp: 19542
 Ion Ratio Lower Upper
 248 100
 250 98.8 79.4 119.2
 141 63.1 52.3 78.5

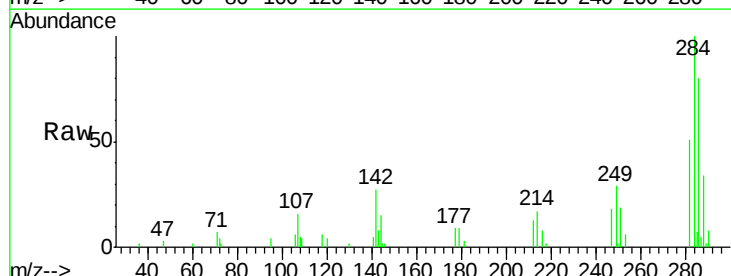


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

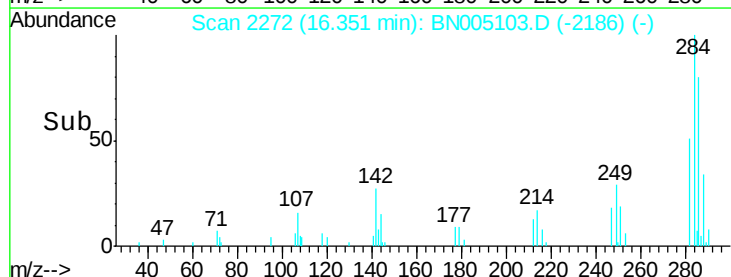
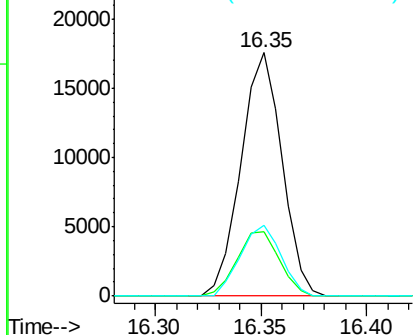


#68
 Hexachlorobenzene
 Concen: 36.647 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:284 Resp: 23665
 Ion Ratio Lower Upper
 284 100
 142 26.6 23.5 35.3
 249 29.1 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.420 ng

RT: 16.52 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

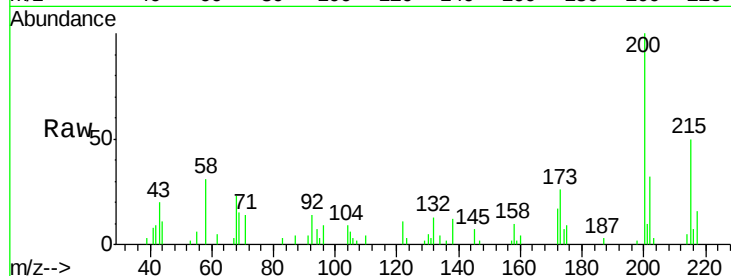
Tgt Ion:200 Resp: 17606

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

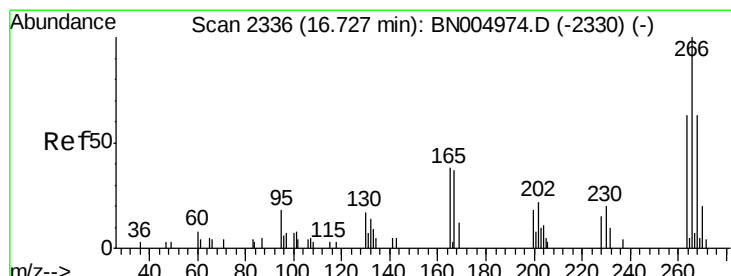
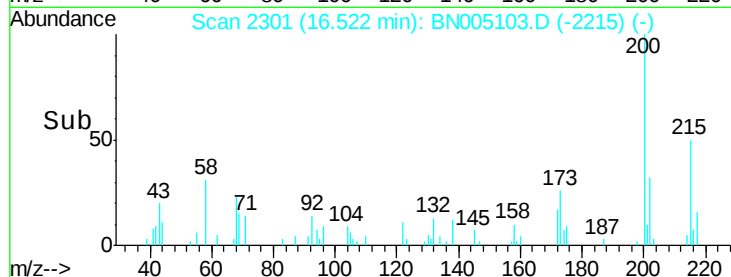
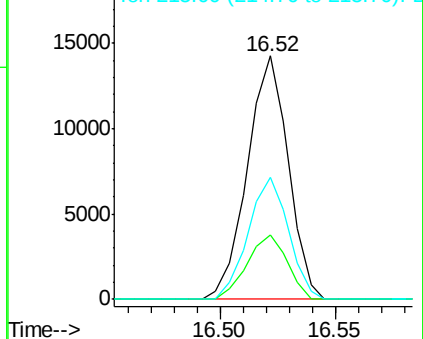
215 50.1 28.8 68.8



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



#70

Pentachlorophenol

Concen: 72.255 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

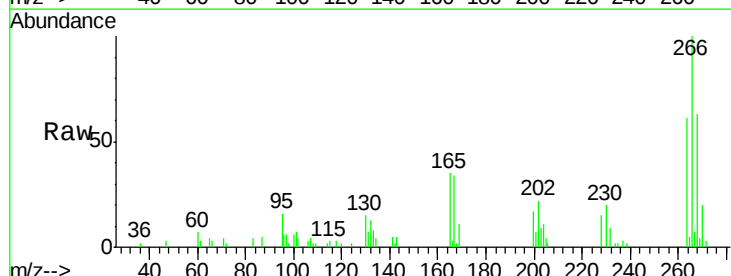
Tgt Ion:266 Resp: 24532

Ion Ratio Lower Upper

266 100

268 63.1 50.8 76.2

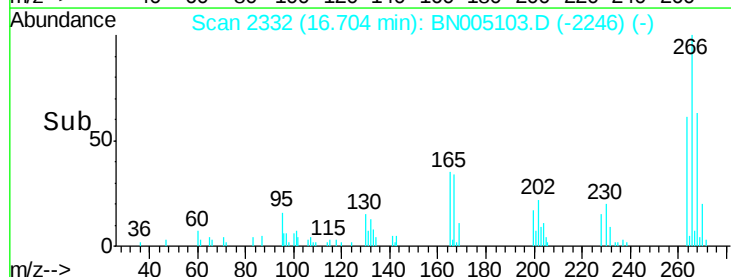
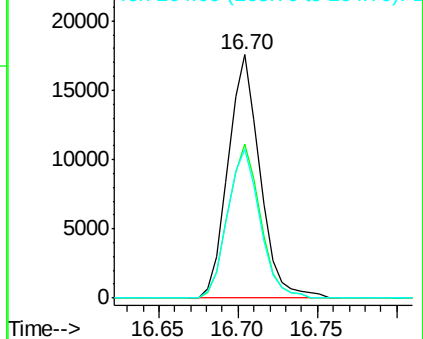
264 61.2 50.0 75.0

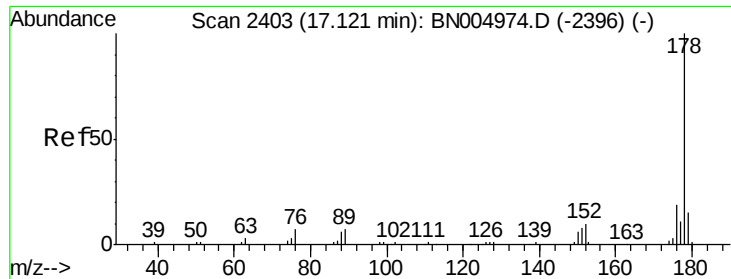


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

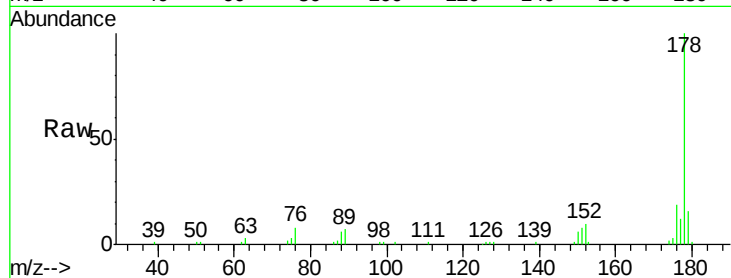




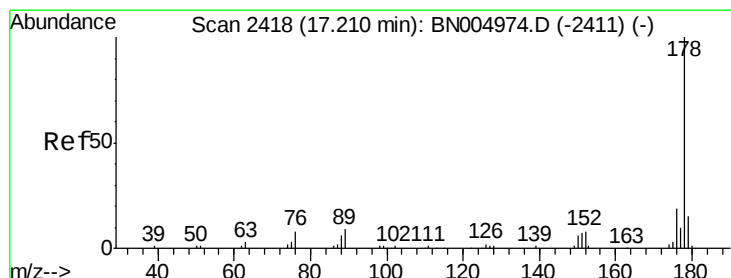
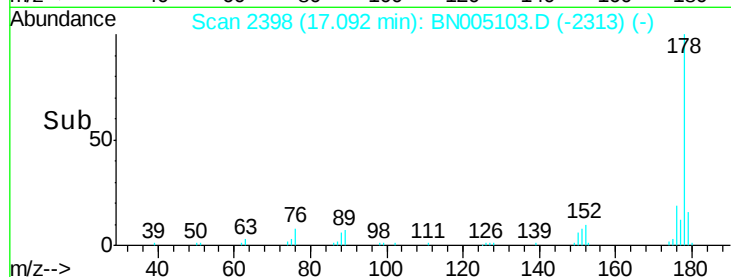
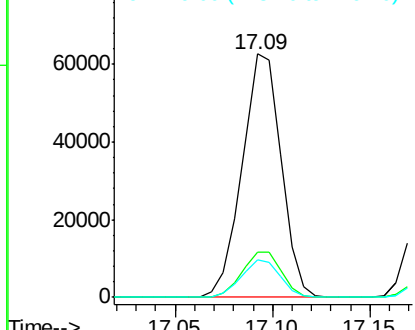
#71
 Phenanthrene
 Concen: 35.047 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.03 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Tgt Ion:178 Resp: 86978
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.3 18.5

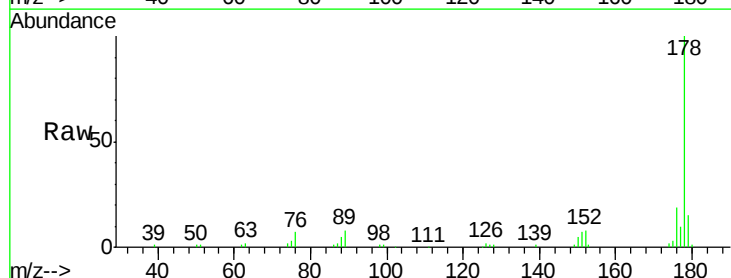


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

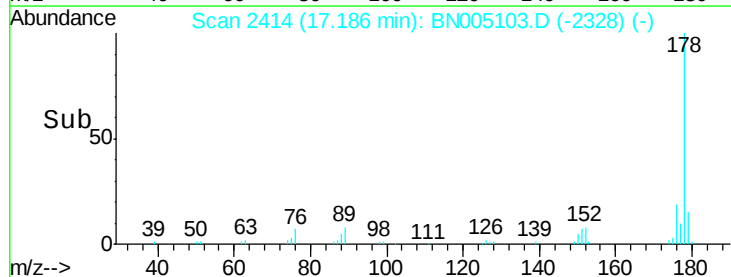
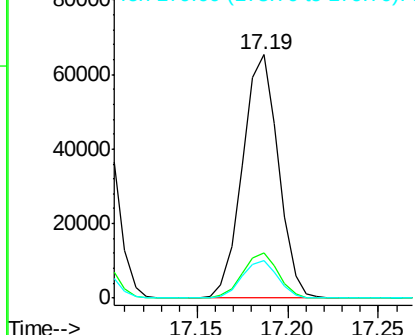


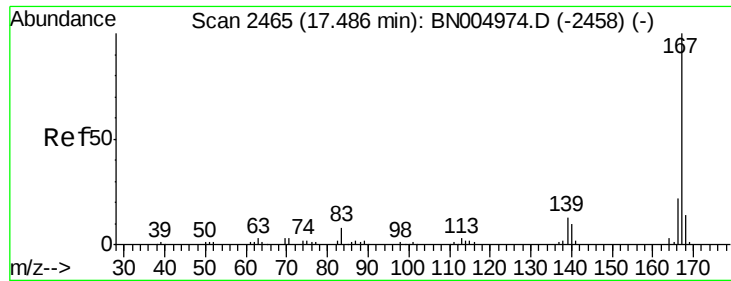
#72
 Anthracene
 Concen: 36.279 ng
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BN005103.D
 Acq: 04 Apr 2019 21:04

Tgt Ion:178 Resp: 89620
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.3 12.3 18.5



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





#73

Carbazole

Concen: 35.270 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

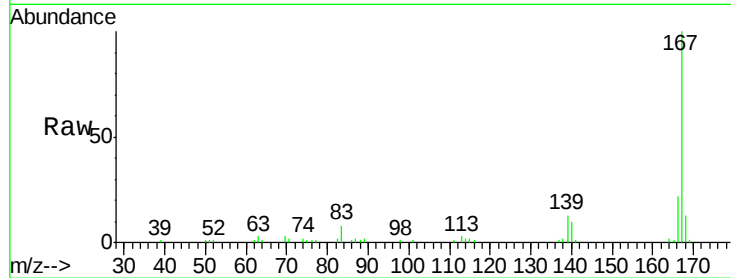
Tgt Ion:167 Resp: 79305

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

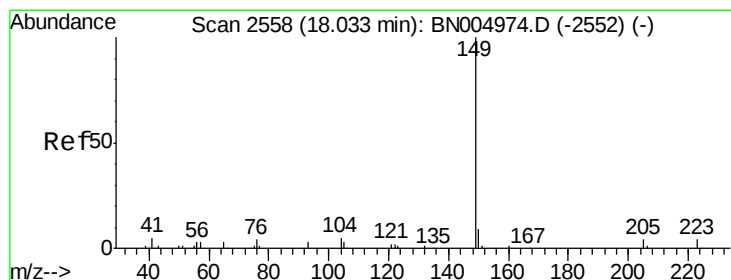
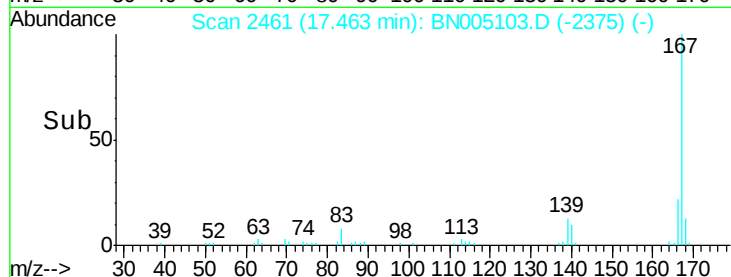
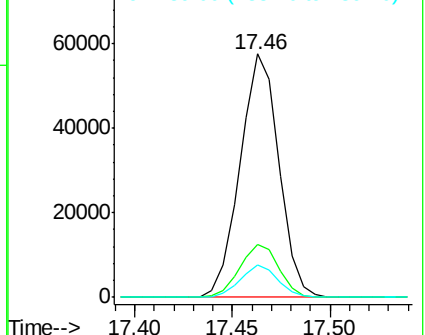
139 13.1 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 37.491 ng

RT: 18.01 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

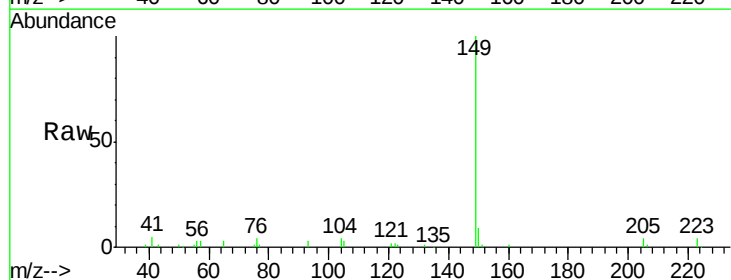
Tgt Ion:149 Resp: 102692

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

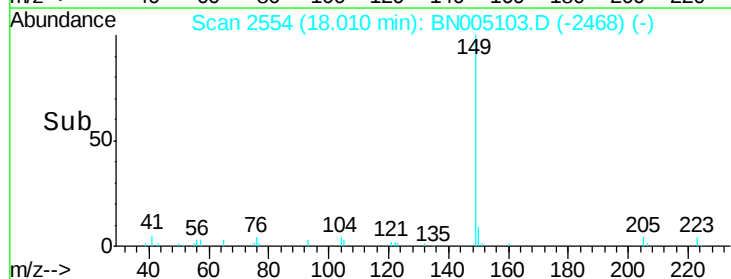
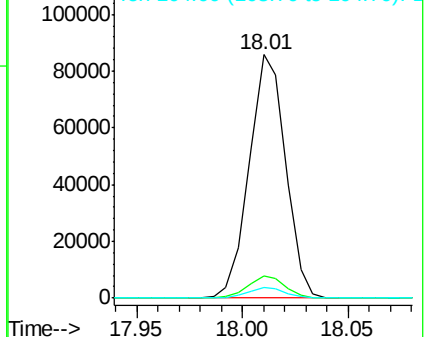
104 4.5 3.7 5.5

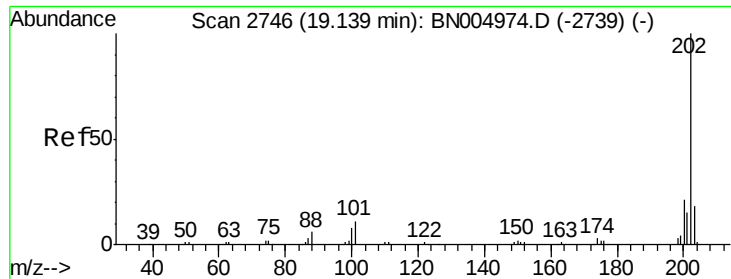


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.260 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

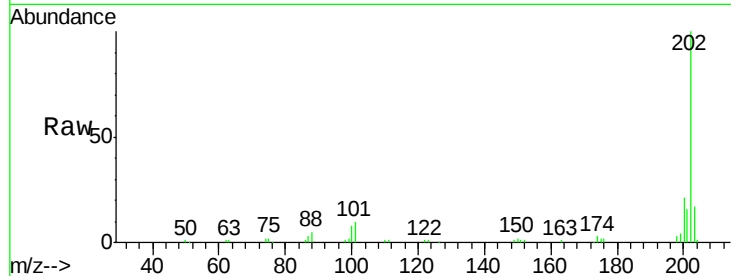
Tgt Ion:202 Resp: 102663

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

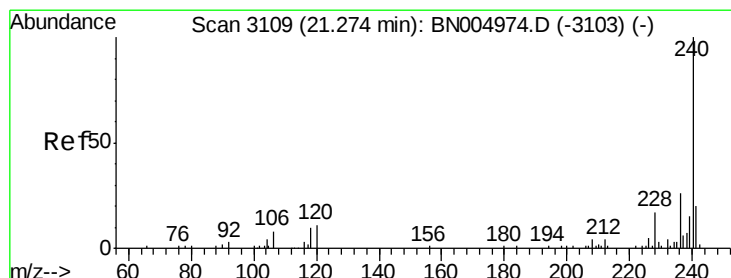
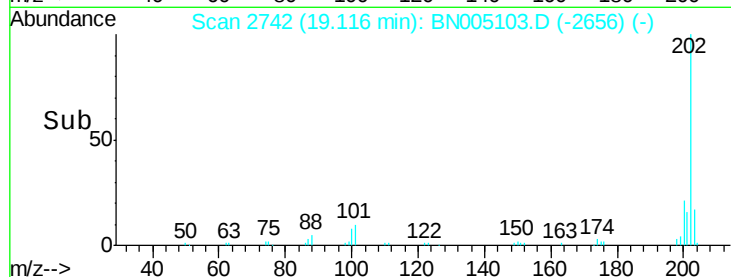
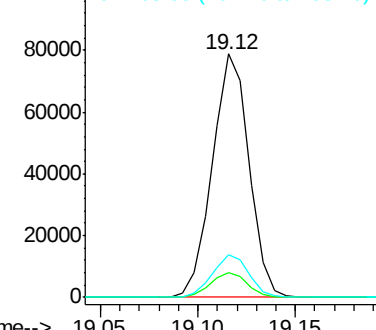
203 17.3 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

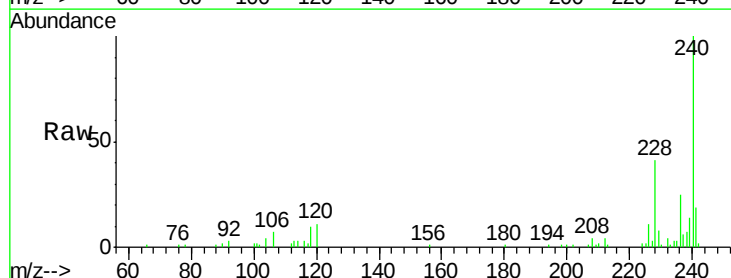
Tgt Ion:240 Resp: 48261

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

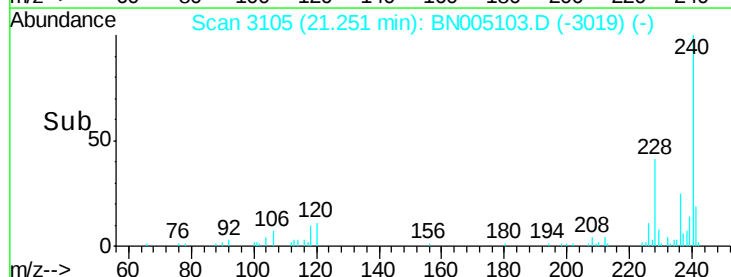
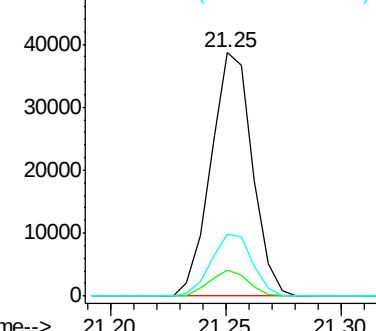
236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.157 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

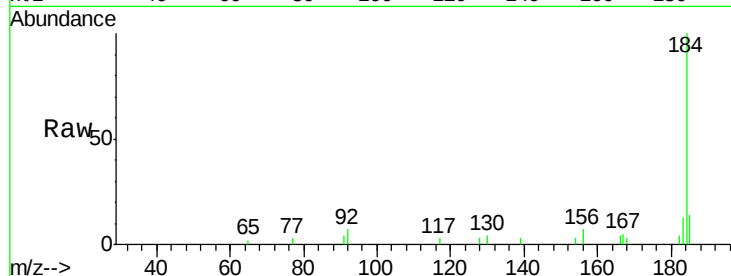
Tgt Ion:184 Resp: 16781

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

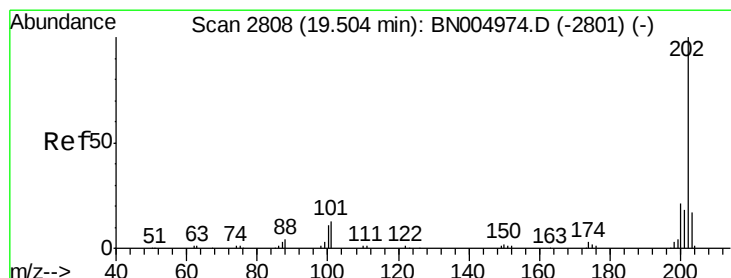
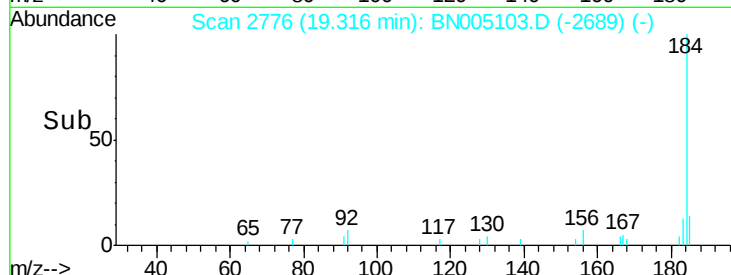
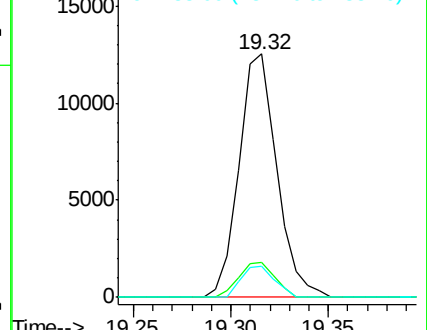
183 12.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.547 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

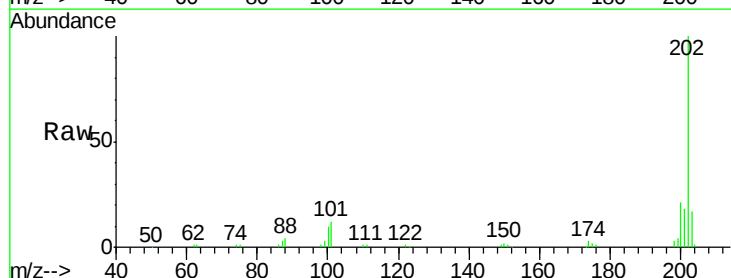
Tgt Ion:202 Resp: 104882

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

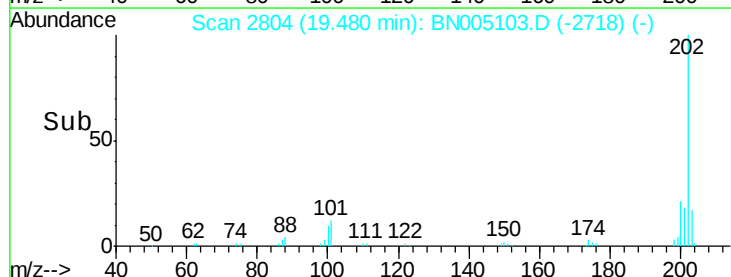
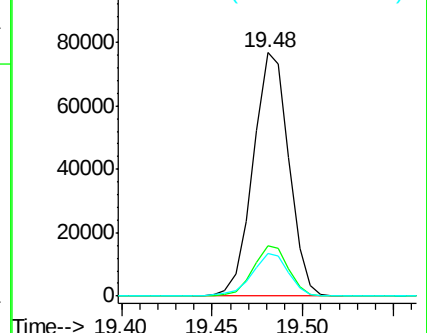
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.918 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

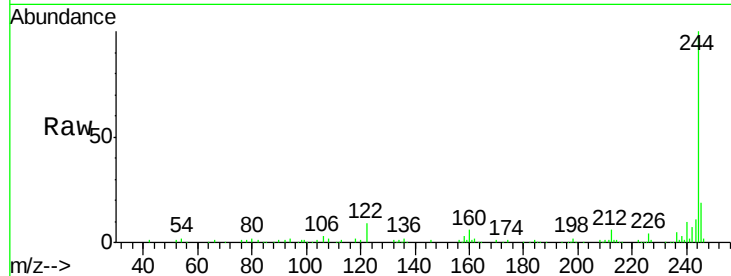
Tgt Ion:244 Resp: 200333

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

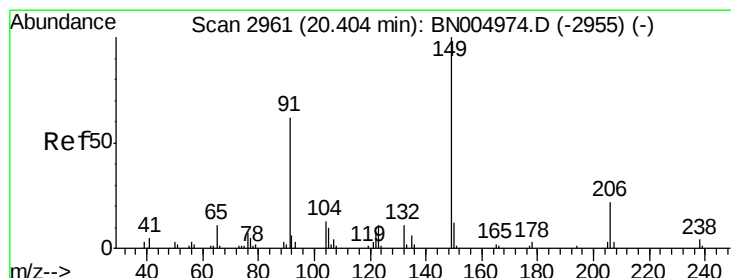
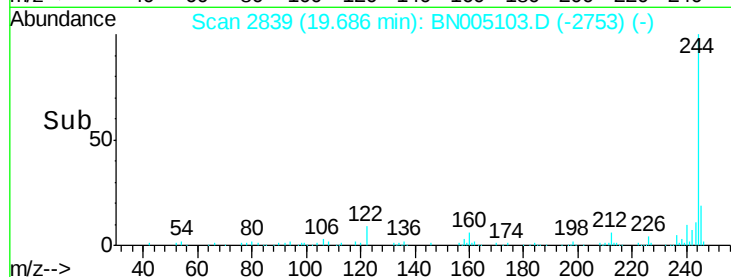
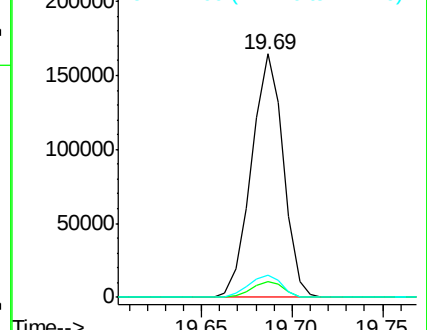
122 9.2 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.131 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

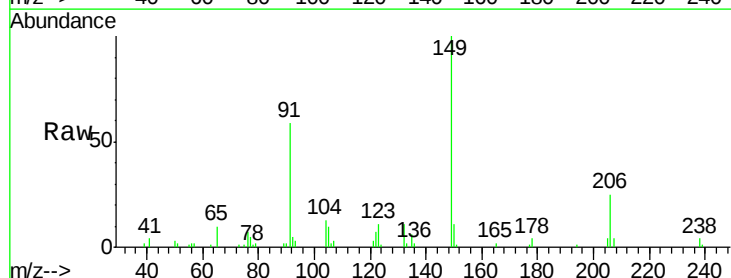
Tgt Ion:149 Resp: 46001

Ion Ratio Lower Upper

149 100

91 59.0 49.3 73.9

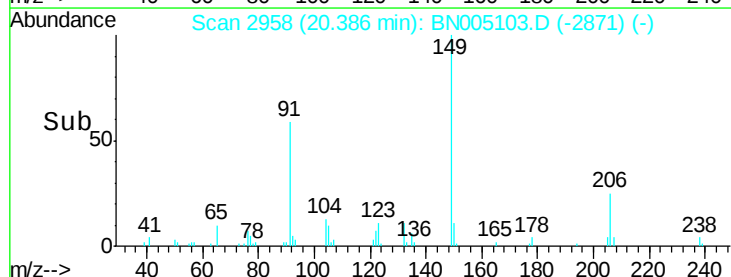
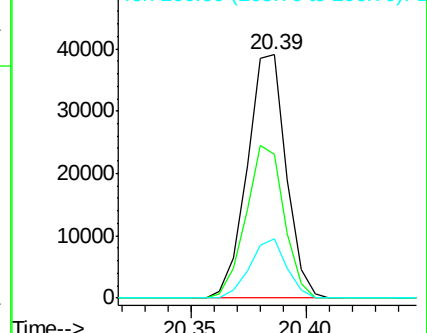
206 24.5 17.9 26.9

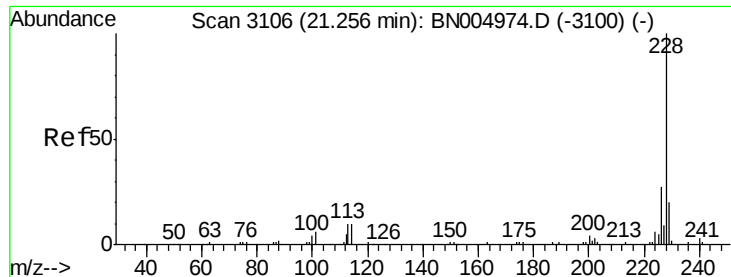


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.723 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampled :

TP-3DMSD

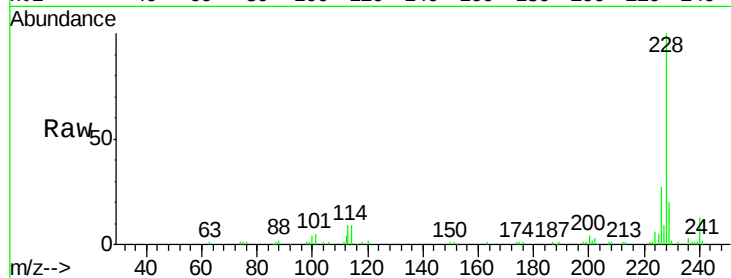
Tgt Ion:228 Resp: 98370

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

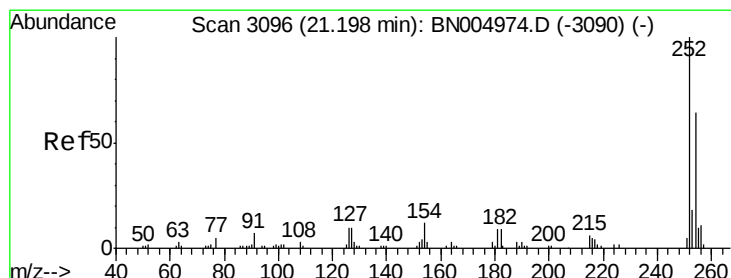
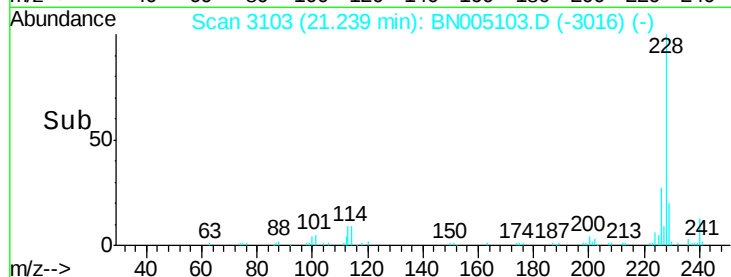
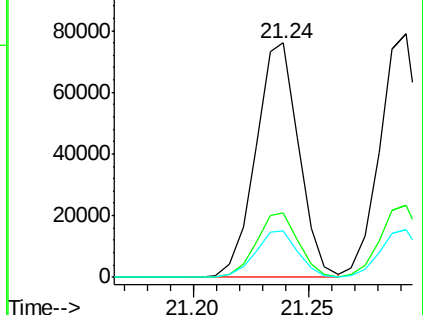
229 19.7 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 18.931 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

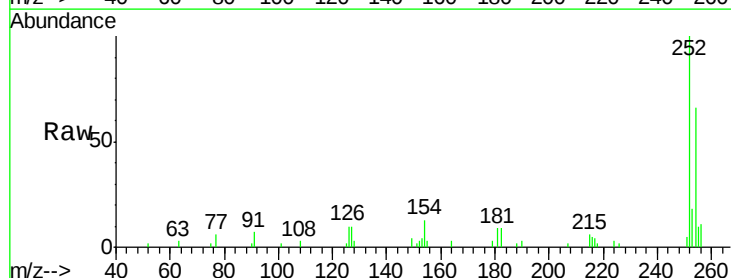
Tgt Ion:252 Resp: 21281

Ion Ratio Lower Upper

252 100

254 65.8 51.5 77.3

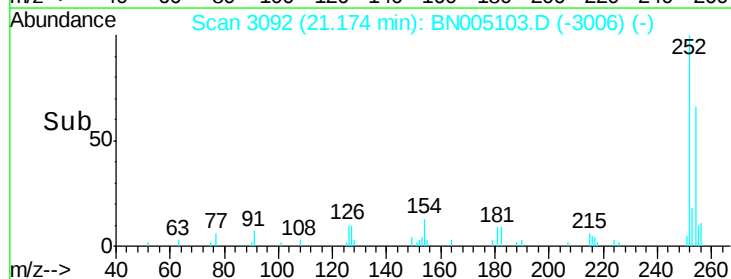
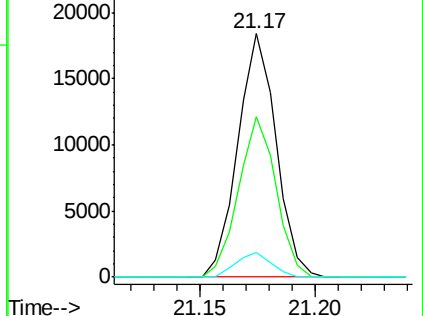
126 10.1 7.9 11.9

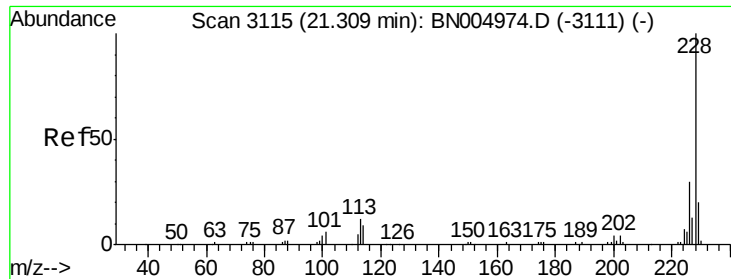


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.029 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

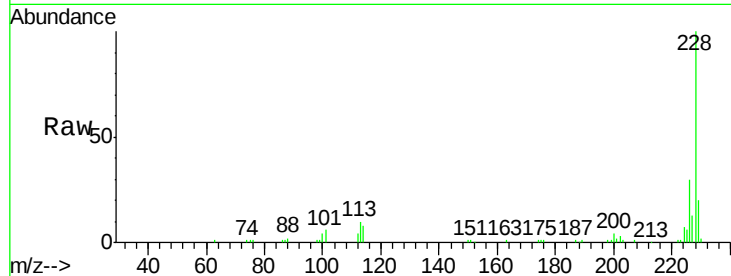
Tgt Ion:228 Resp: 97709

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

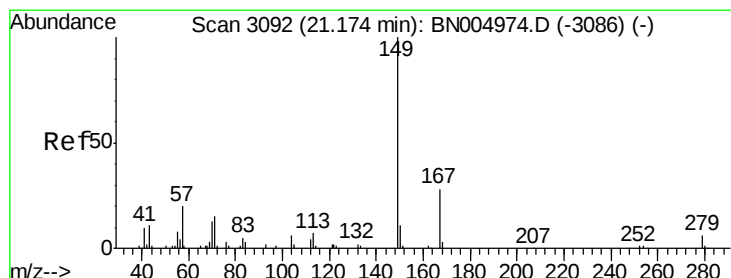
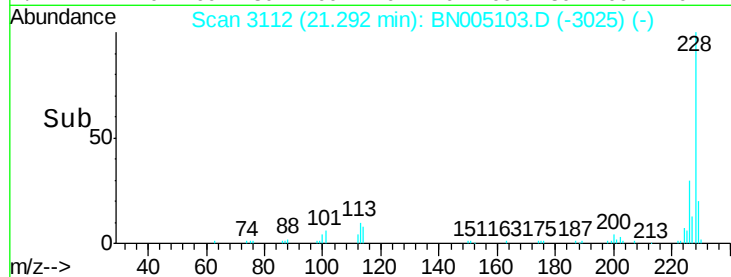
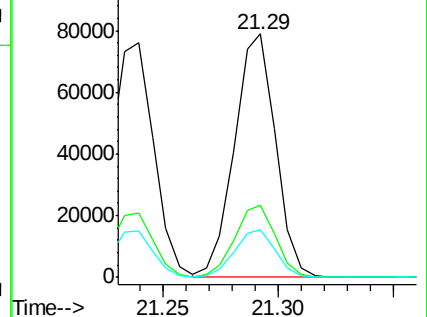
229 19.7 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.394 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

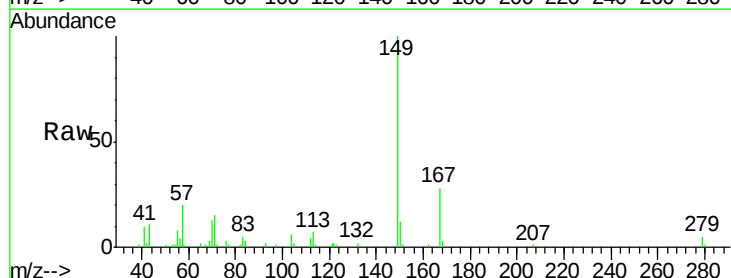
Tgt Ion:149 Resp: 67747

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

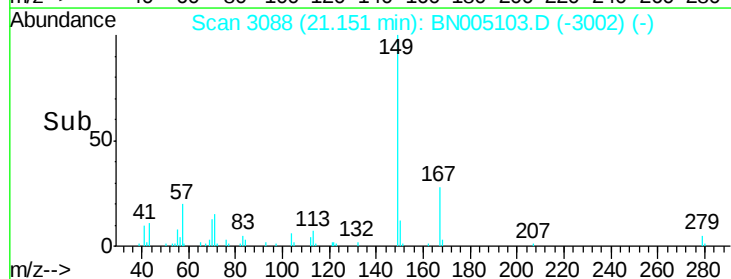
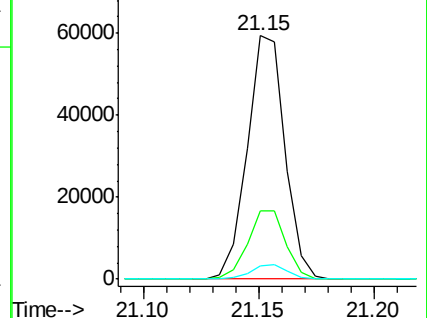
279 5.2 4.5 6.7

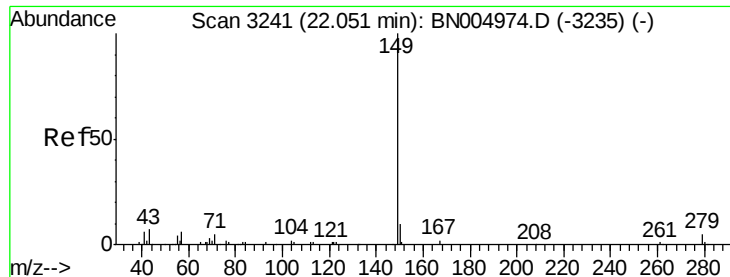


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.427 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

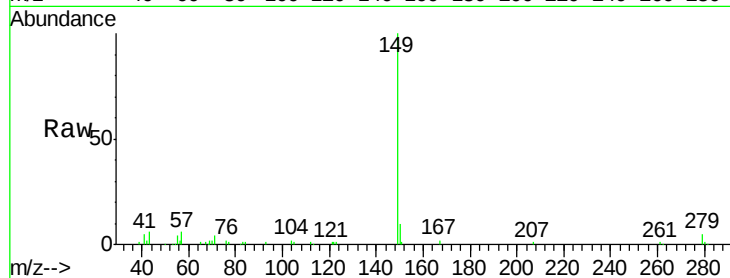
Tgt Ion:149 Resp: 112352

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

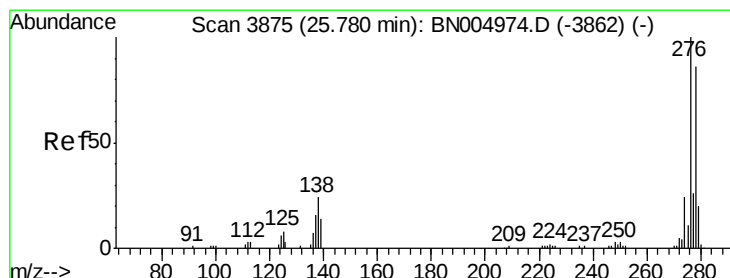
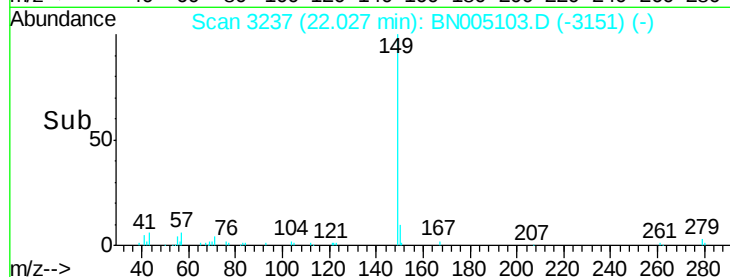
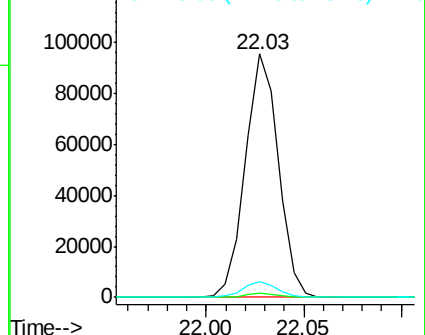
43 6.4 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.091 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.05 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

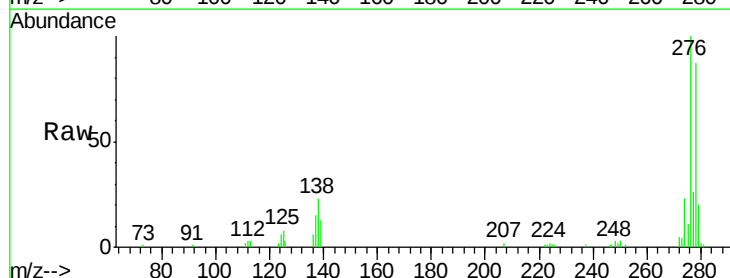
Tgt Ion:276 Resp: 101422

Ion Ratio Lower Upper

276 100

138 22.5 18.5 27.7

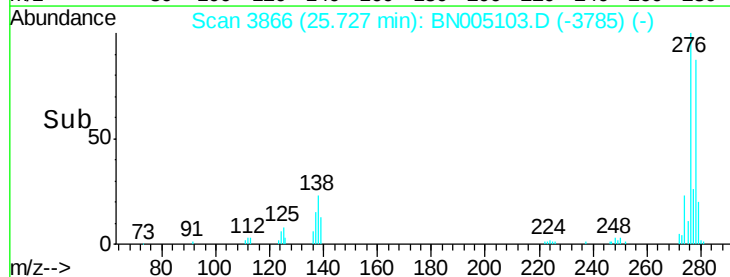
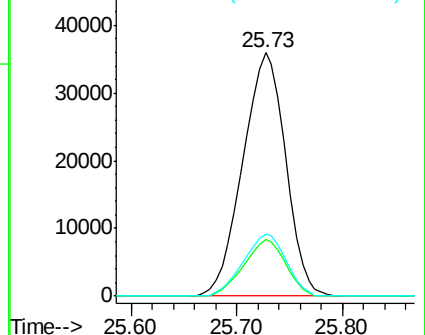
277 25.3 20.4 30.6

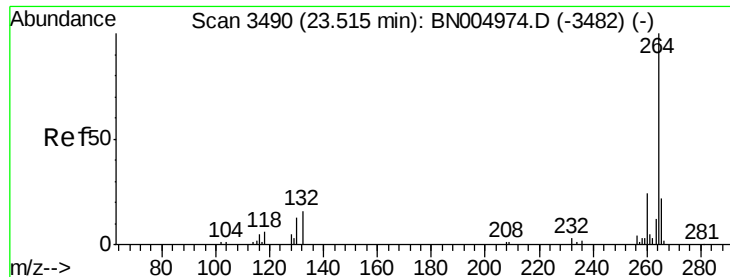


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

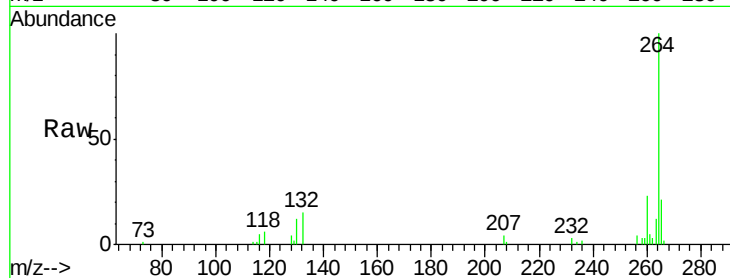
Tgt Ion:264 Resp: 44503

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

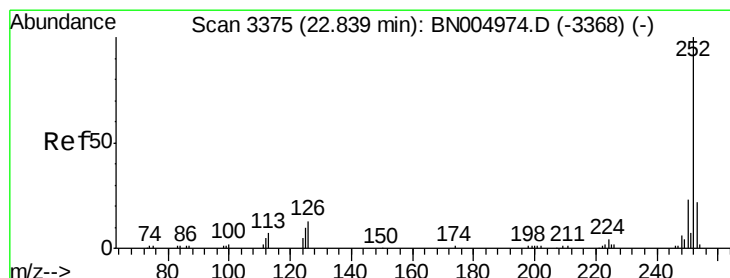
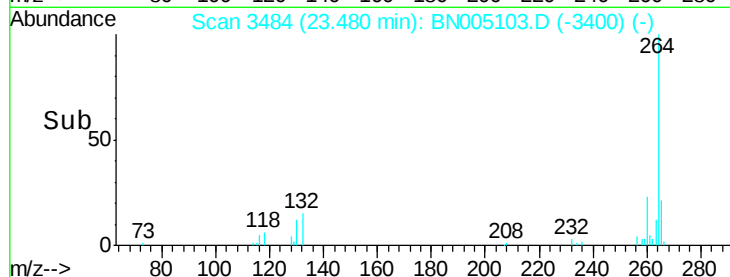
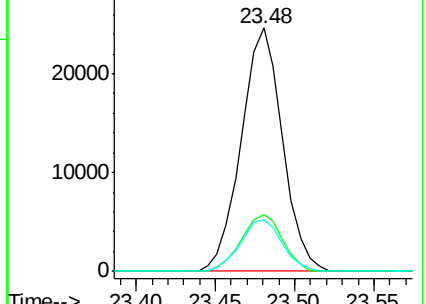
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.437 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

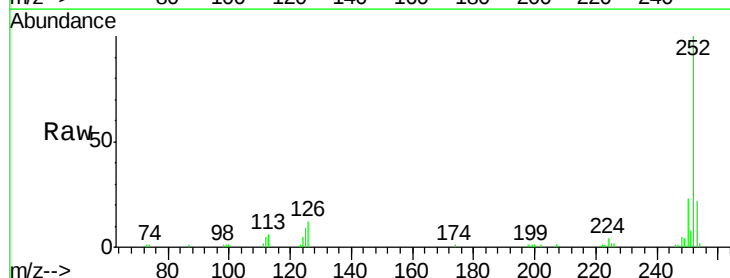
Tgt Ion:252 Resp: 99812

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

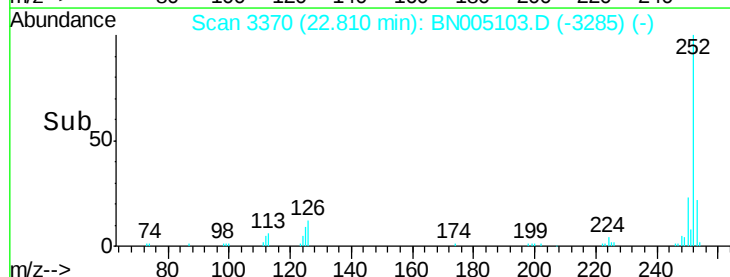
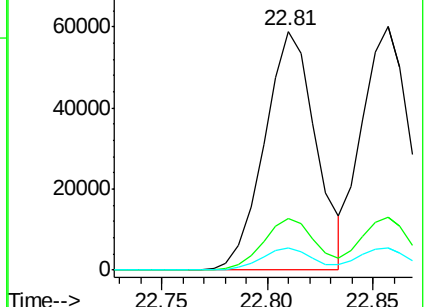
125 9.3 8.1 12.1

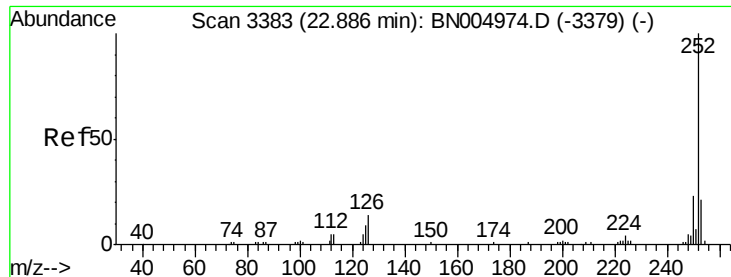


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

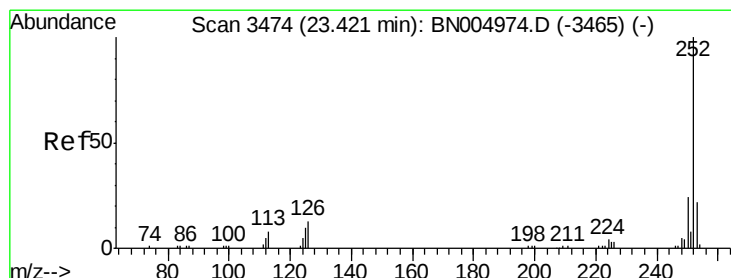
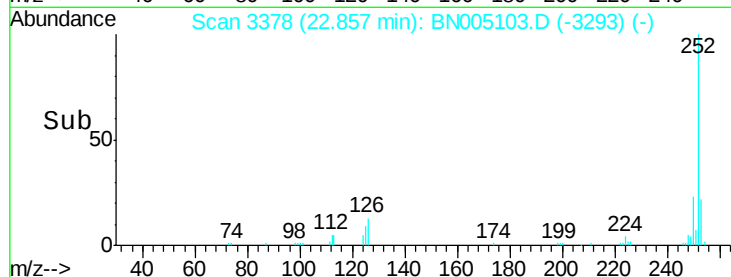
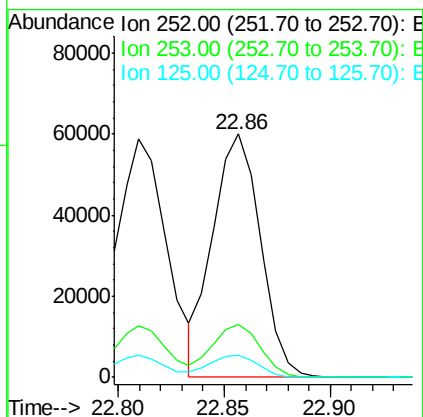
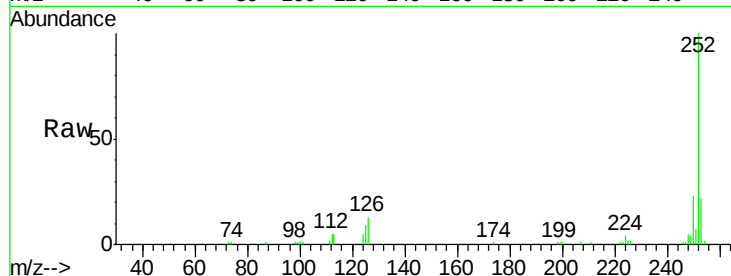




#89
Benzo(k)fluoranthene
Concen: 37.428 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

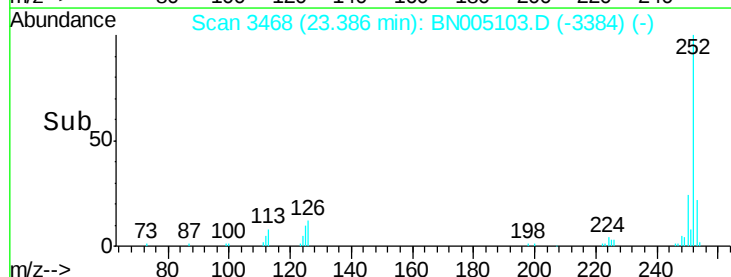
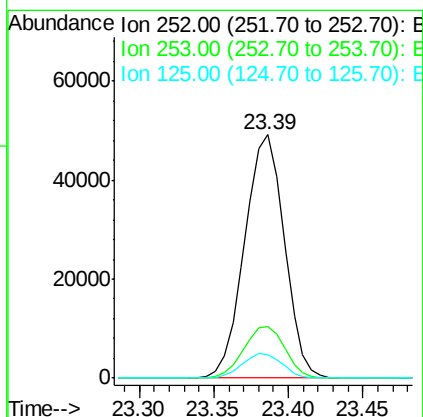
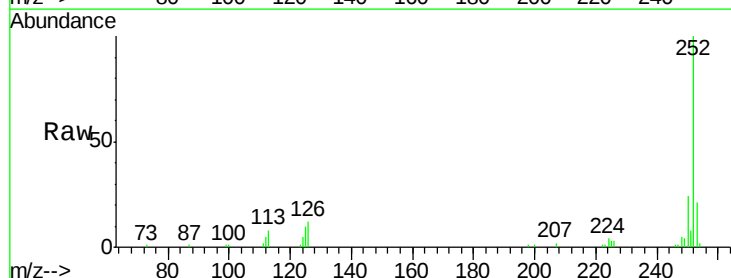
Instrument :
BNA_N
ClientSampleId :
TP-3DMSD

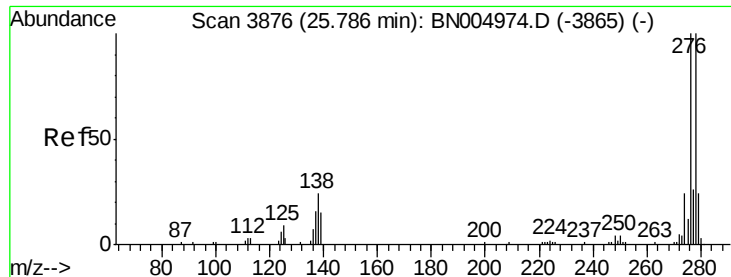
Tgt Ion:252 Resp: 94019
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 36.171 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.03 min
Lab File: BN005103.D
Acq: 04 Apr 2019 21:04

Tgt Ion:252 Resp: 90671
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.7 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 33.989 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.05 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

Instrument :

BNA_N

ClientSampleId :

TP-3DMSD

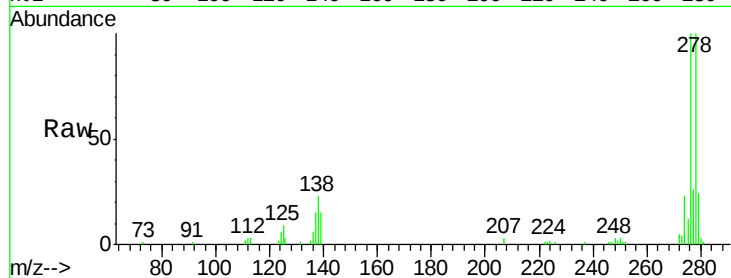
Tgt Ion:278 Resp: 85536

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

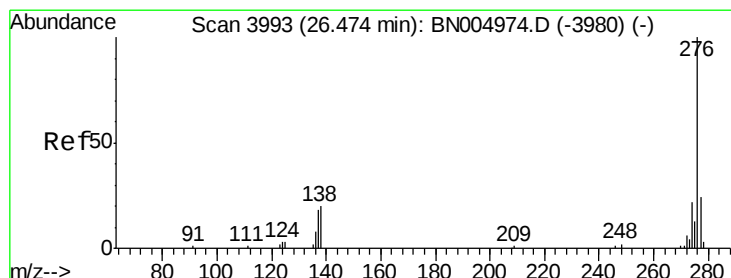
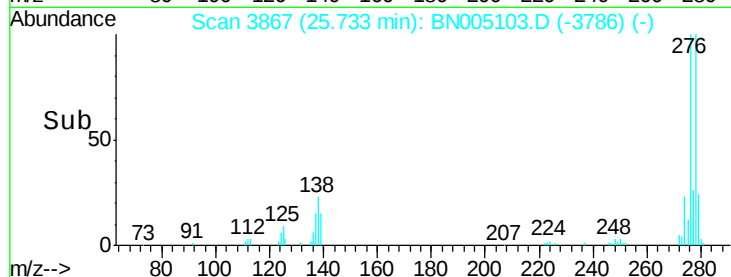
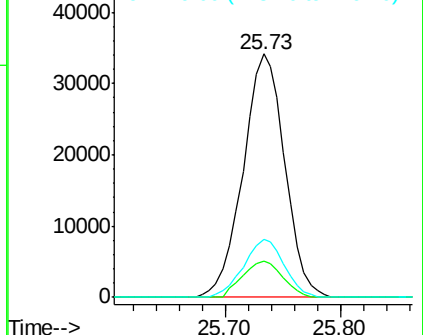
279 23.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.161 ng

RT: 26.42 min Scan# 3983

Delta R.T. -0.06 min

Lab File: BN005103.D

Acq: 04 Apr 2019 21:04

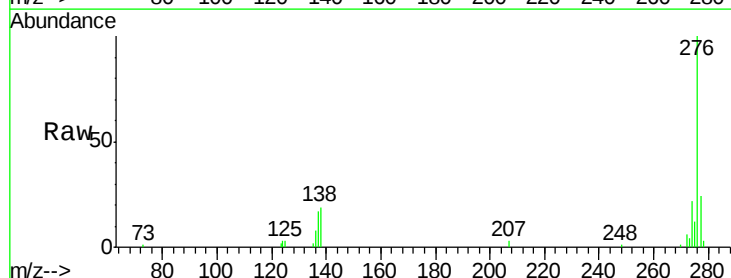
Tgt Ion:276 Resp: 82530

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 19.3 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

