

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003286.D
 Acq On : 24 Oct 2018 23:49
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 5PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 05:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	93439	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	426170	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	272083	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	638934	20.00	ng	0.00
76) Chrysene-d12	21.21	240	725289	20.00	ng	0.00
87) Perylene-d12	23.41	264	757836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	728815	135.85	ng	0.00
7) Phenol-d6	6.80	99	1010580	132.48	ng	0.00
23) Nitrobenzene-d5	8.76	82	596611	80.29	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	497300	135.74	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1595174	79.52	ng	0.00
79) Terphenyl-d14	19.64	244	2575716	75.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	10628	4.172	ng	85
3) Pyridine	3.61	79	24100	4.140	ng	93
4) n-Nitrosodimethylamine	3.53	42	8415	3.927	ng	# 96
6) Aniline	6.95	93	39641	4.161	ng	99
8) 2-Chlorophenol	7.17	128	31947	4.835	ng	93
9) Benzaldehyde	6.78	77	22989	5.189	ng	94
10) Phenol	6.82	94	40086	4.980	ng	85
11) bis(2-Chloroethyl)ether	7.04	93	30526	4.643	ng	97
12) 1,3-Dichlorobenzene	7.49	146	34305	4.670	ng	96
13) 1,4-Dichlorobenzene	7.64	146	34905	4.614	ng	99
14) 1,2-Dichlorobenzene	7.95	146	34223	4.662	ng	99
15) Benzyl Alcohol	7.86	79	19532	3.553	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.13	45	45072	4.676	ng	98
17) 2-Methylphenol	8.06	107	27500	4.999	ng	95
18) Hexachloroethane	8.65	117	12027	4.538	ng	92
19) n-Nitroso-di-n-propylamine	8.40	70	23745	4.317	ng	99
20) 3+4-Methylphenols	8.41	107	35322	4.520	ng	# 80
22) Acetophenone	8.43	105	48341	4.680	ng	# 95
24) Nitrobenzene	8.80	77	35911	4.736	ng	99
25) Isophorone	9.32	82	66596	5.109	ng	95
26) 2-Nitrophenol	9.52	139	16805	4.211	ng	96
27) 2,4-Dimethylphenol	9.59	122	29557	5.267	ng	96
28) bis(2-Chloroethoxy)methane	9.80	93	43361	4.938	ng	98
29) 2,4-Dichlorophenol	10.09	162	29079	4.541	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	33364	4.583	ng	97
31) Naphthalene	10.42	128	105877	5.084	ng	99
32) Benzoic acid	9.75	122	3303	5.622	ng	# 80
33) 4-Chloroaniline	10.57	127	36316	3.946	ng	98
34) Hexachlorobutadiene	10.69	225	19666	4.527	ng	99
35) Caprolactam	11.33	113	8320	3.318	ng	93
36) 4-Chloro-3-methylphenol	11.72	107	33217	4.651	ng	96
37) 2-Methylnaphthalene	12.05	142	80239	5.391	ng	97
38) 1-Methylnaphthalene	12.26	142	77578	5.337	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	38563	4.284	ng	97

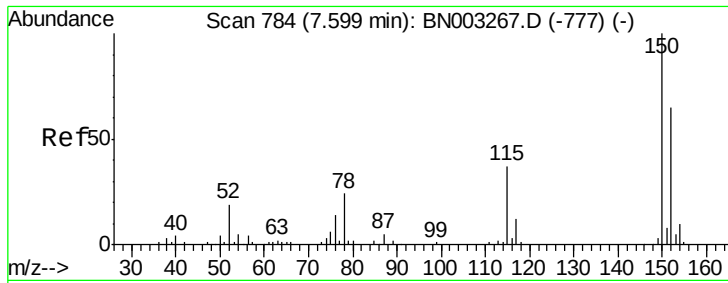
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003286.D
 Acq On : 24 Oct 2018 23:49
 Operator : MJ/SJ
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 Misc : LOD 5PPM
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Instrument :
 BNA_N
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Quant Time: Oct 25 05:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	5743	10.236	ng	97
43) 2,4,6-Trichlorophenol	12.69	196	24322	4.277	ng	98
44) 2,4,5-Trichlorophenol	12.79	196	24126	4.067	ng	99
46) 1,1'-Biphenyl	13.07	154	107720	4.511	ng	97
47) 2-Chloronaphthalene	13.12	162	81035	4.600	ng	99
48) 2-Nitroaniline	13.36	65	20030	3.870	ng	92
49) Acenaphthylene	13.96	152	132465	4.913	ng	99
50) Dimethylphthalate	13.71	163	106747	4.852	ng	99
51) 2,6-Dinitrotoluene	13.84	165	22221	4.450	ng	90
52) Acenaphthene	14.30	154	80084	4.902	ng	100
53) 3-Nitroaniline	14.20	138	18393	3.446	ng	# 94
54) 2,4-Dinitrophenol	14.47	184	3228	7.496	ng	87
55) Dibenzofuran	14.65	168	129529	4.874	ng	99
56) 4-Nitrophenol	14.65	139	55429	18.851	ng	# 18
57) 2,4-Dinitrotoluene	14.66	165	29515	4.360	ng	94
58) Fluorene	15.30	166	106426	5.189	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	24302	4.666	ng	# 97
60) Diethylphthalate	15.07	149	106970	4.792	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	53207	4.670	ng	98
62) 4-Nitroaniline	15.37	138	18596	3.566	ng	94
63) Azobenzene	15.59	77	99490	4.822	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	12124	2.719	ng	99
66) n-Nitrosodiphenylamine	15.52	169	91592	4.579	ng	97
67) 4-Bromophenyl-phenylether	16.19	248	33330	4.632	ng	100
68) Hexachlorobenzene	16.32	284	38100	4.648	ng	97
69) Atrazine	16.47	200	32586	4.597	ng	96
70) Pentachlorophenol	16.69	266	7412	8.176	ng	92
71) Phenanthrene	17.04	178	173895	5.177	ng	99
72) Anthracene	17.14	178	173532	5.177	ng	99
73) Carbazole	17.43	167	156861	4.519	ng	99
74) Di-n-butylphthalate	17.97	149	177693	4.389	ng	100
75) Fluoranthene	19.07	202	203215	5.135	ng	99
77) Benzidine	19.29	184	49717	2.341	ng	96
78) Pyrene	19.44	202	209386	4.912	ng	100
80) Butylbenzylphthalate	20.34	149	83536	4.220	ng	98
81) Benzo(a)anthracene	21.19	228	216758	5.132	ng	99
82) 3,3'-Dichlorobenzidine	21.13	252	66177	3.786	ng	99
83) Chrysene	21.24	228	206324	5.081	ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	127731	4.351	ng	99
85) Di-n-octyl phthalate	21.98	149	229591	4.558	ng	99
86) Indeno(1,2,3-cd)pyrene	25.62	276	239251	5.141	ng	99
88) Benzo(b)fluoranthene	22.76	252	215433	5.163	ng	98
89) Benzo(k)fluoranthene	22.80	252	214221	5.235	ng	99
90) Benzo(a)pyrene	23.32	252	209698	5.273	ng	99
91) Dibenzo(a,h)anthracene	25.62	278	198260	5.037	ng	98
92) Benzo(g,h,i)perylene	26.31	276	194395	5.144	ng	96

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

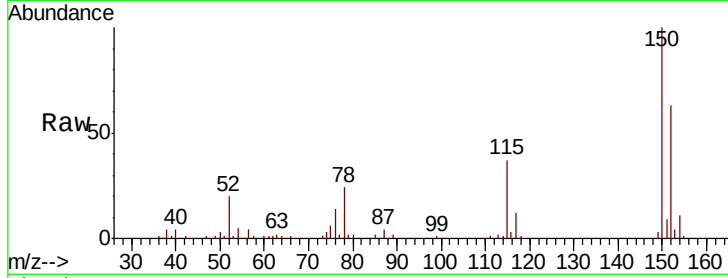


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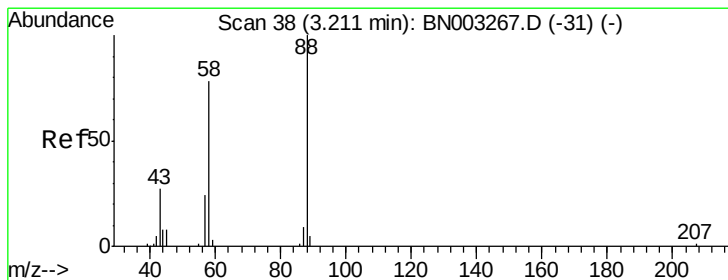
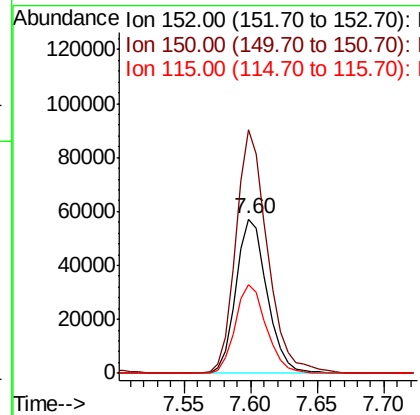
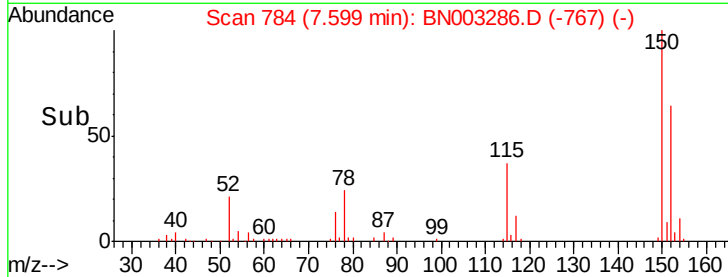
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 93439
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.8
115 57.7 45.9 68.9



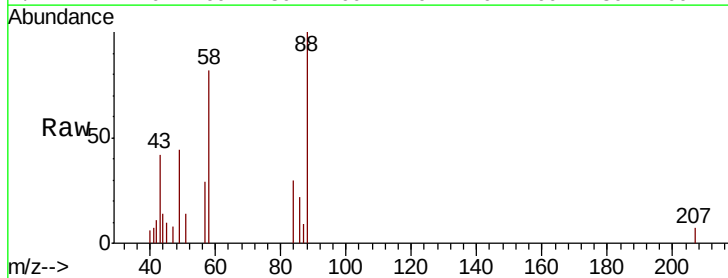
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



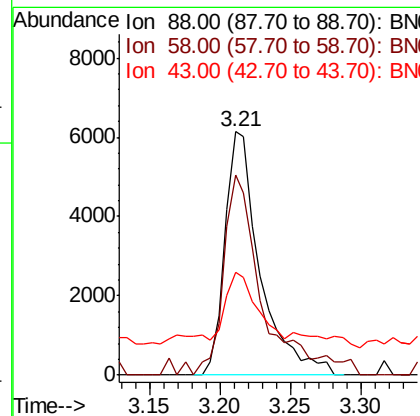
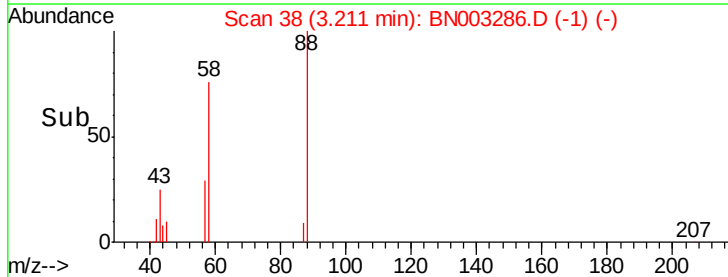
#2

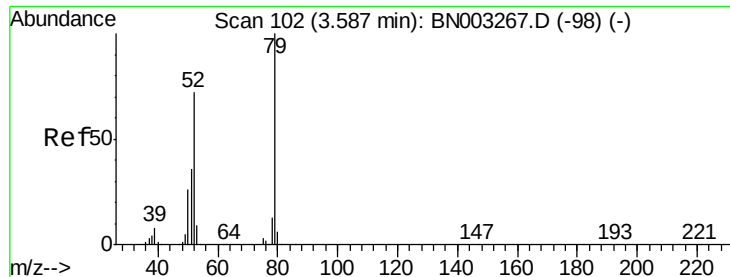
1,4-Dioxane
Concen: 4.172 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion: 88 Resp: 10628
Ion Ratio Lower Upper
88 100
58 91.0 61.1 91.7
43 23.4 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 4.140 ng

RT: 3.61 min Scan# 106

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

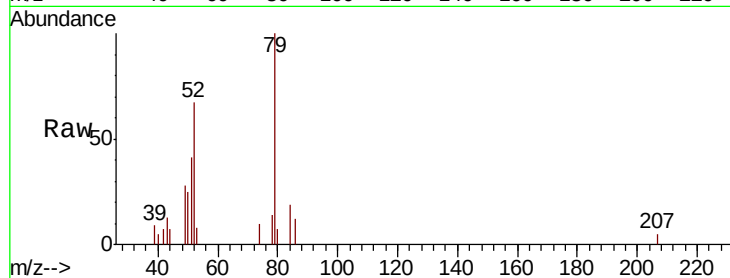
Tot Ion: 79 Resp: 24100

Ion Ratio Lower Upper

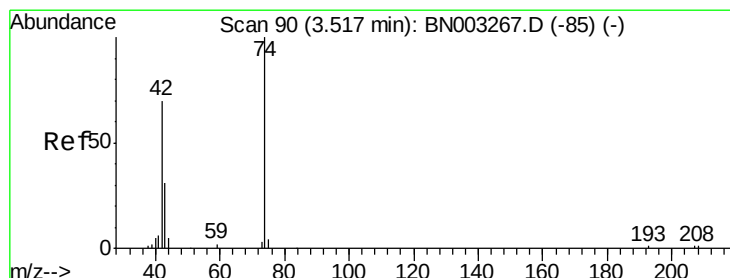
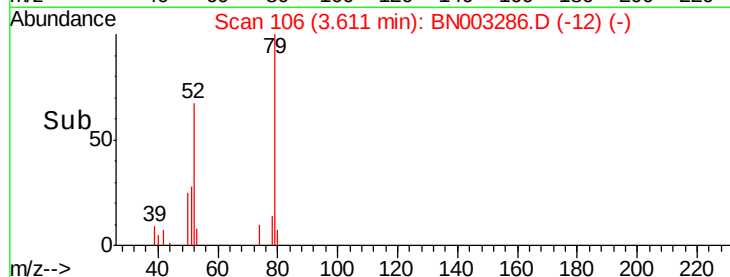
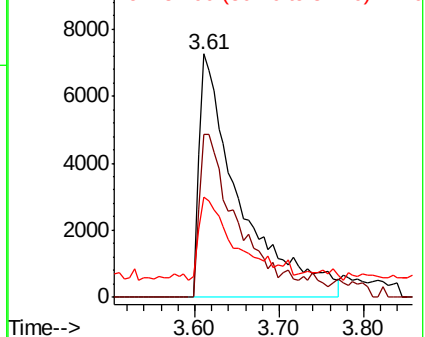
79 100

52 66.9 57.7 86.5

51 41.1 28.7 43.1



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: 3.927 ng

RT: 3.53 min Scan# 93

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

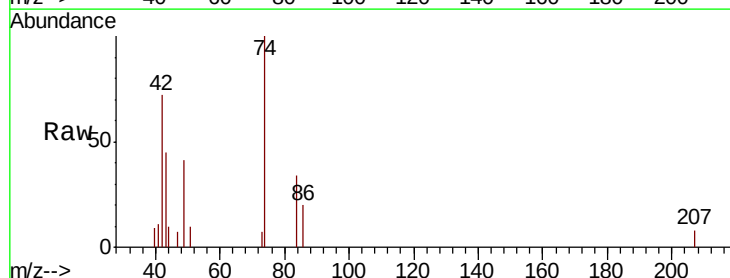
Tgt Ion: 42 Resp: 8415

Ion Ratio Lower Upper

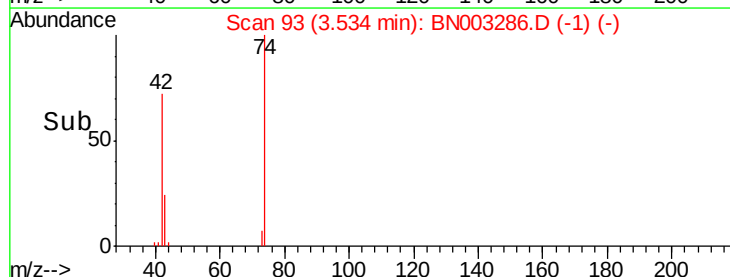
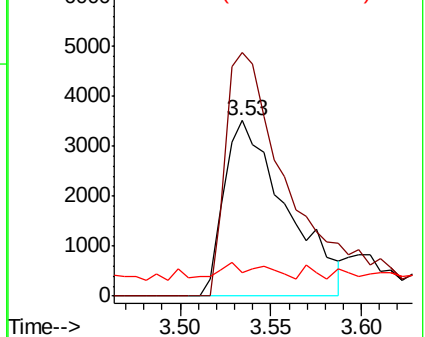
42 100

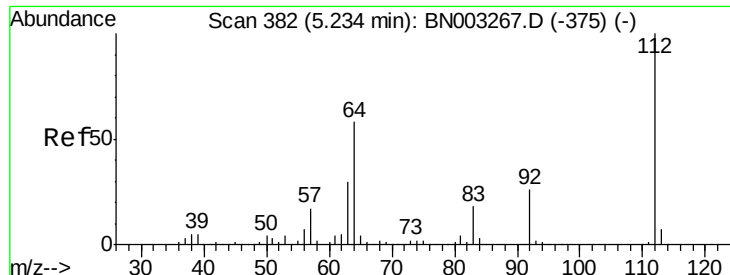
74 139.0 114.2 171.4

44 13.6 6.1 9.1#



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: 135.854 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

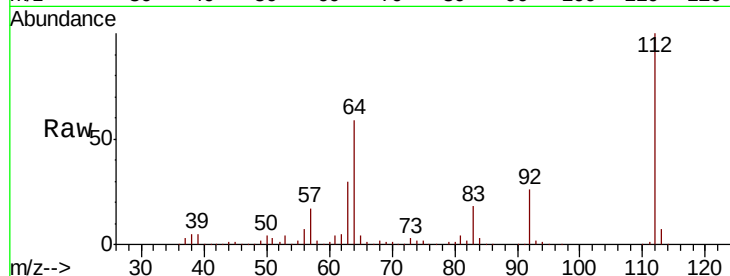
Tot Ion: 112 Resp: 728815

Ion Ratio Lower Upper

112 100

64 59.4 46.6 69.8

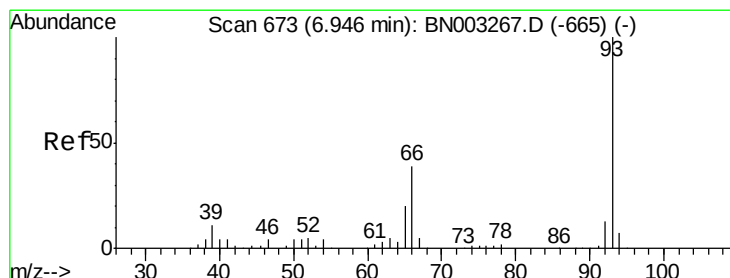
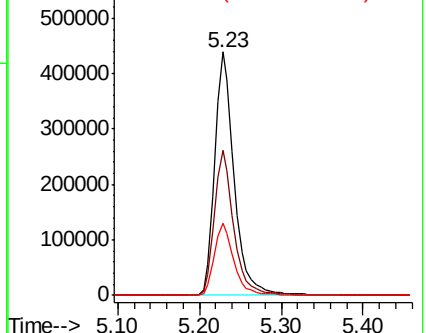
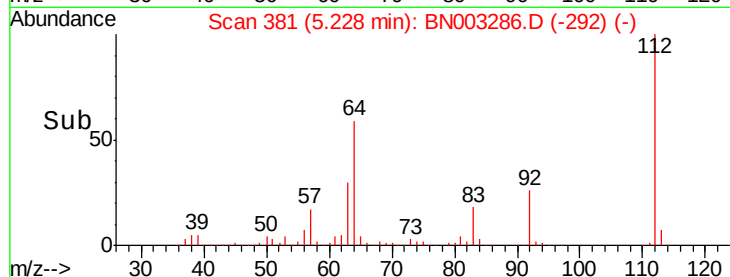
63 29.7 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 4.161 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

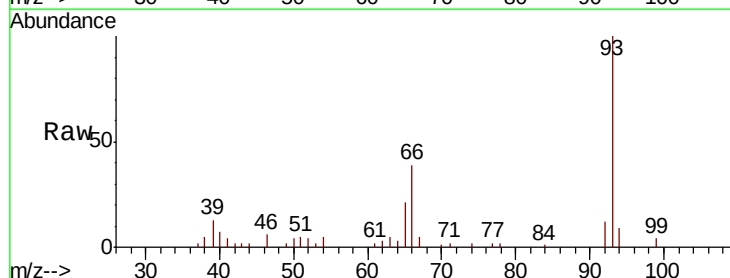
Tgt Ion: 93 Resp: 39641

Ion Ratio Lower Upper

93 100

66 39.1 31.4 47.0

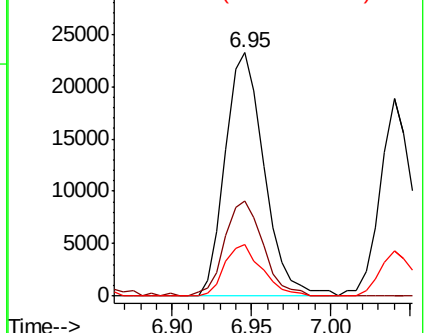
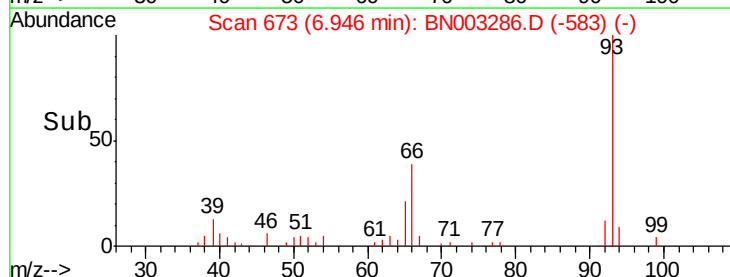
65 21.3 15.7 23.5

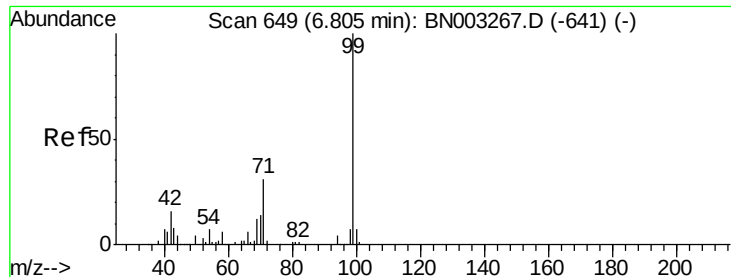


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 132.478 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

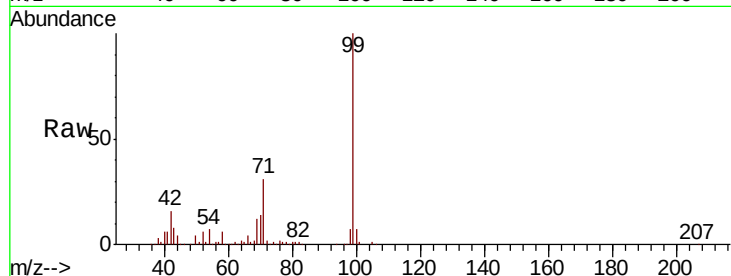
Tot Ion: 99 Resp: 1010580

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.6

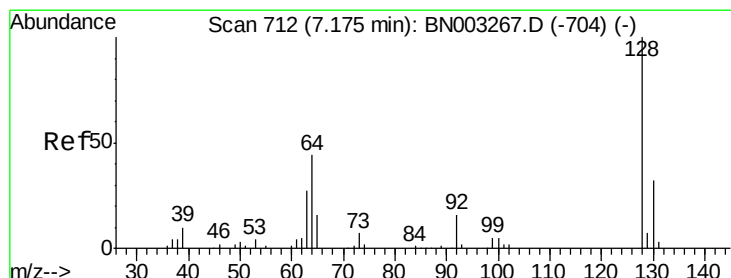
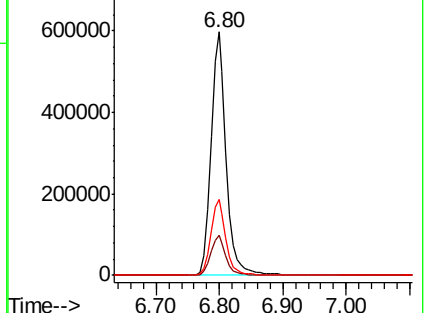
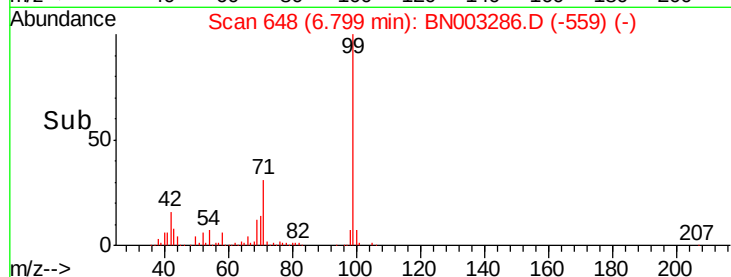
71 31.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#8

2-Chlorophenol

Concen: 4.835 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

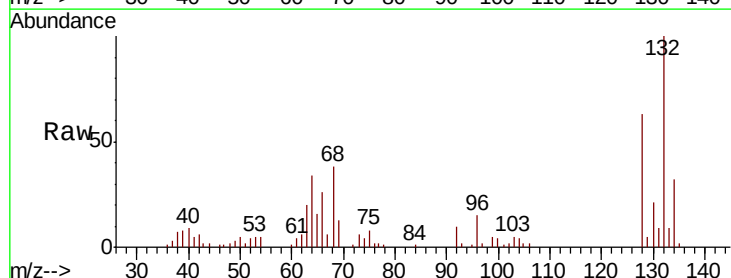
Tgt Ion: 128 Resp: 31947

Ion Ratio Lower Upper

128 100

130 33.8 12.4 52.4

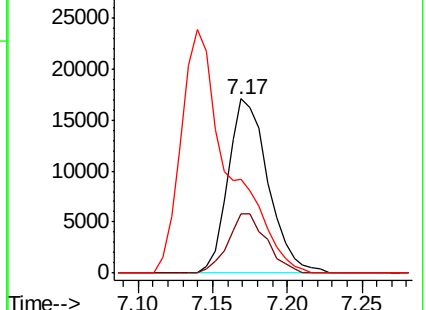
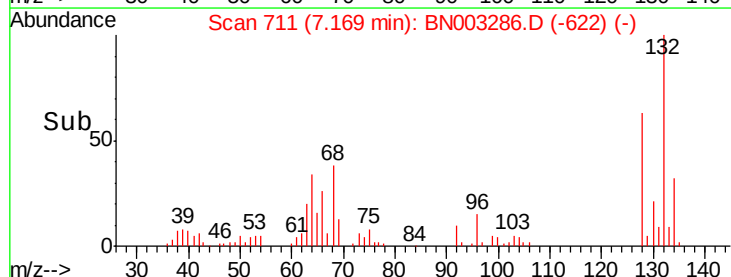
64 53.6 27.0 67.0

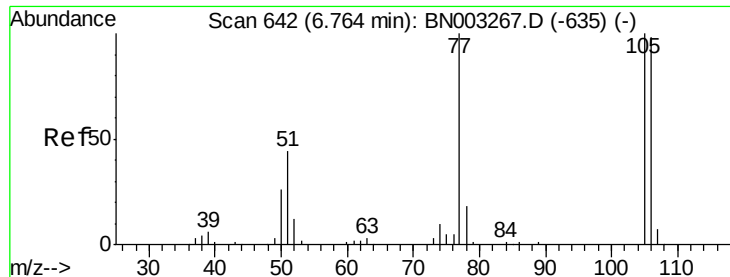


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)

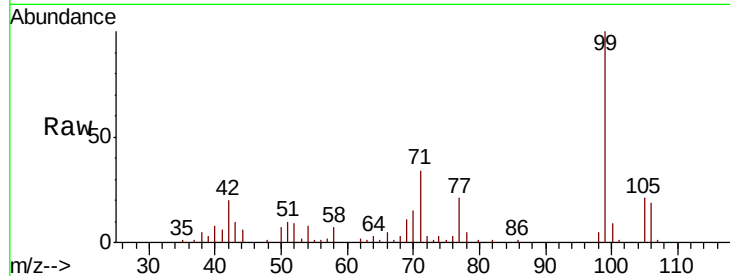




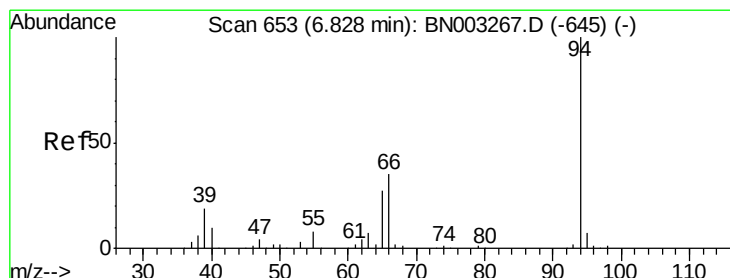
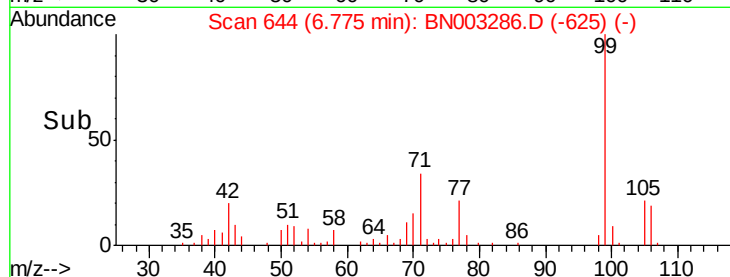
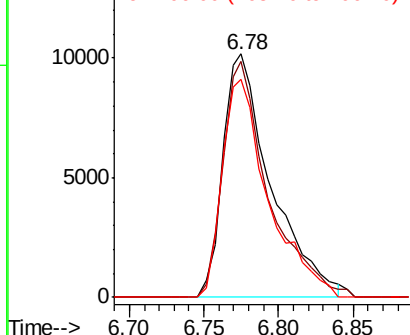
#9
Benzaldehyde
Concen: 5.189 ng
RT: 6.78 min Scan# 644
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion: 77 Resp: 22989
Ion Ratio Lower Upper
77 100
105 97.1 79.9 119.9
106 89.4 78.4 118.4

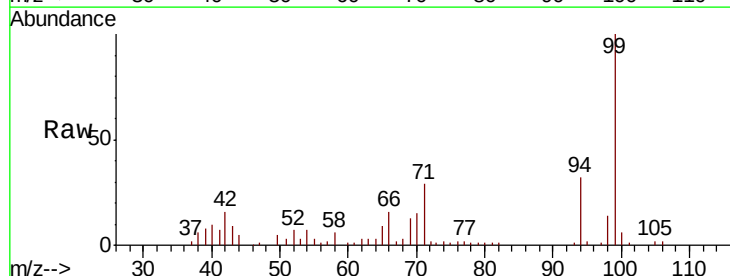


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC

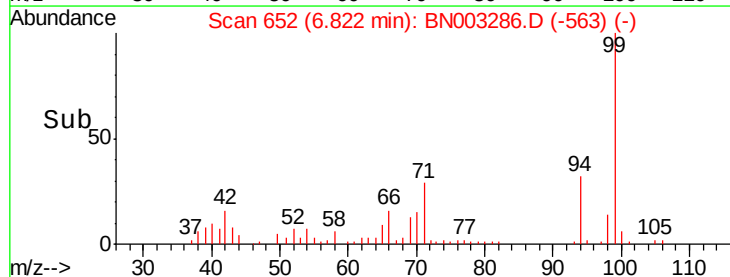
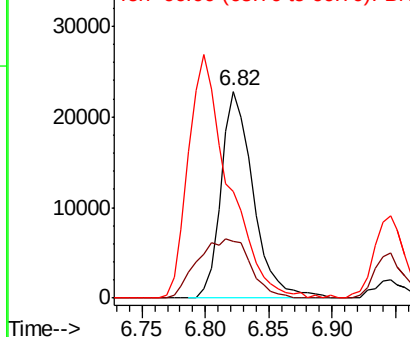


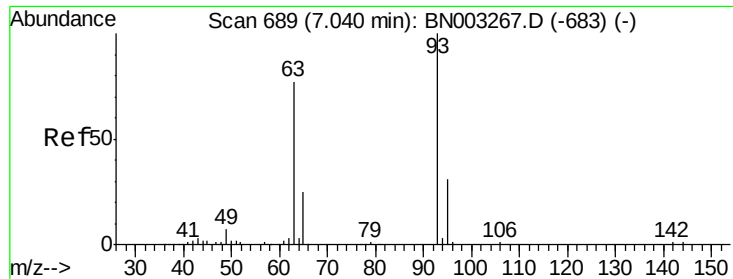
#10
Phenol
Concen: 4.980 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion: 94 Resp: 40086
Ion Ratio Lower Upper
94 100
65 27.6 7.7 47.7
66 51.5 15.8 55.8



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

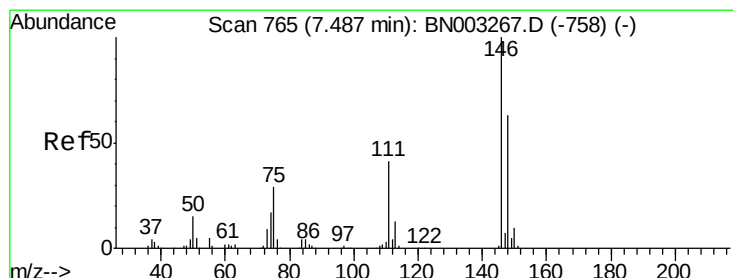
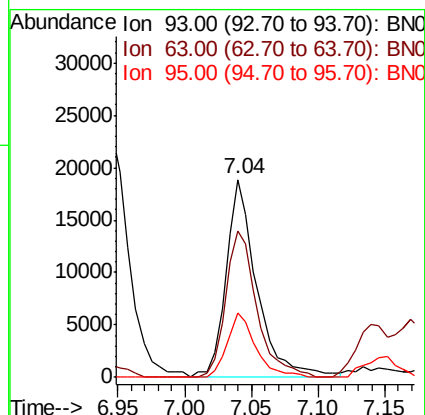
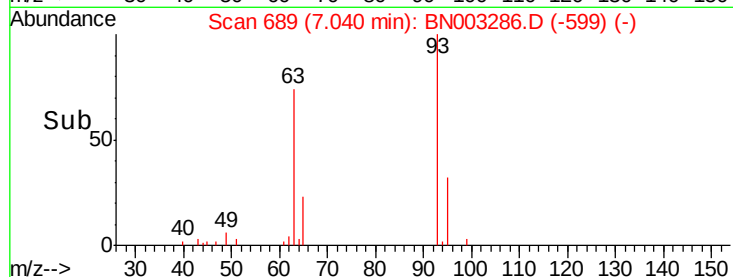
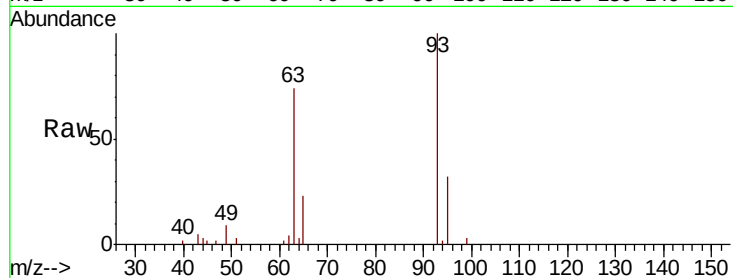




#11
bis(2-Chloroethyl)ether
Concen: 4.643 ng
RT: 7.04 min Scan# 689
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

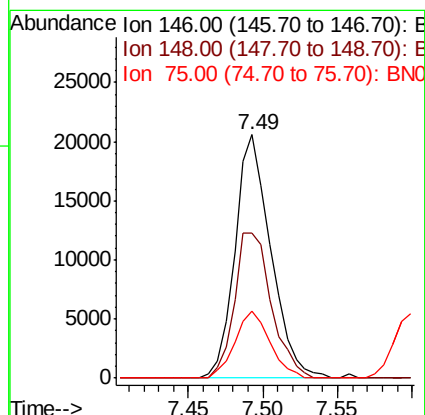
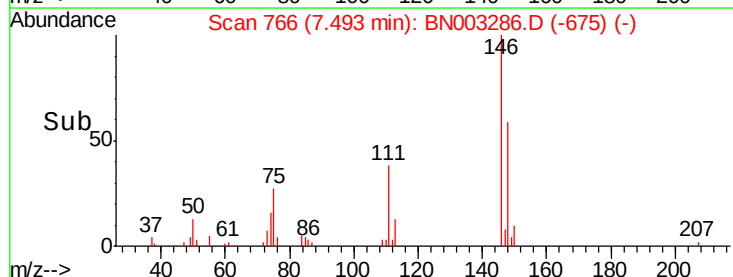
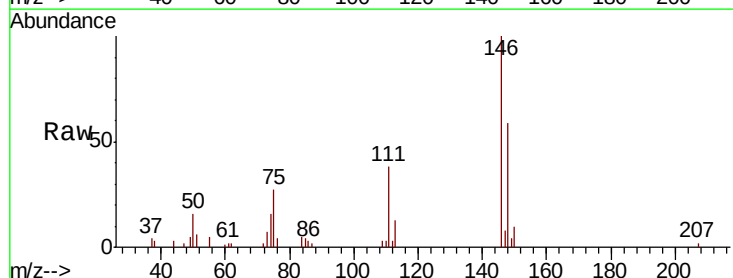
Instrument :
BNA_N
ClientSampleId :

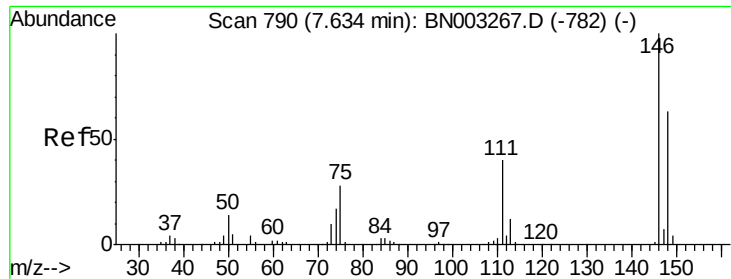
Tot Ion: 93 Resp: 30526
Ion Ratio Lower Upper
93 100
63 74.2 56.6 96.6
95 32.3 10.9 50.9



#12
1,3-Dichlorobenzene
Concen: 4.670 ng
RT: 7.49 min Scan# 766
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion: 146 Resp: 34305
Ion Ratio Lower Upper
146 100
148 59.4 50.1 75.1
75 27.4 22.9 34.3

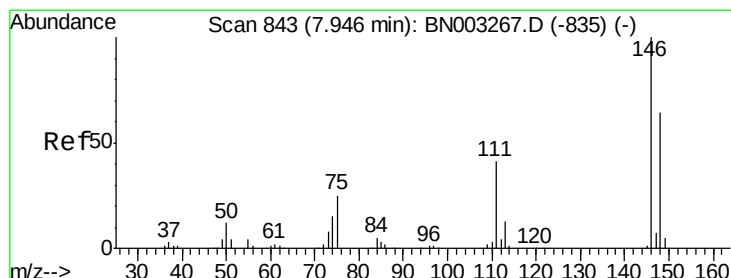
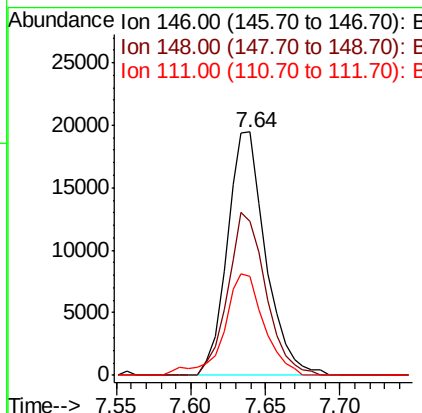
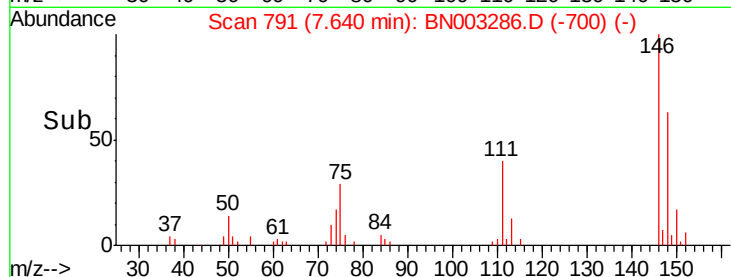
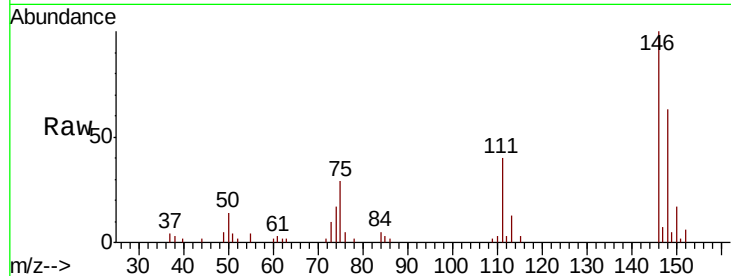




#13
 1,4-Dichlorobenzene
 Concen: 4.614 ng
 RT: 7.64 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

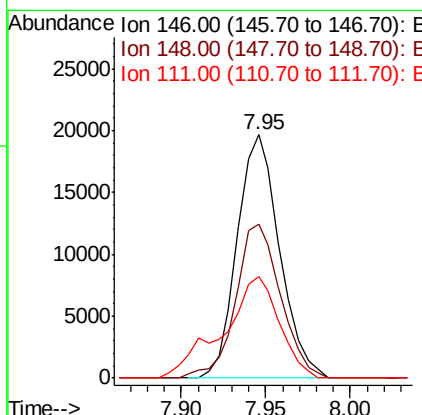
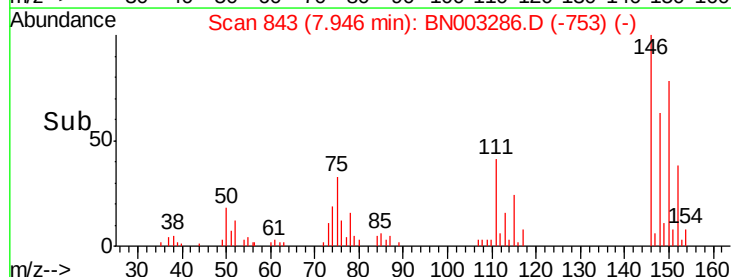
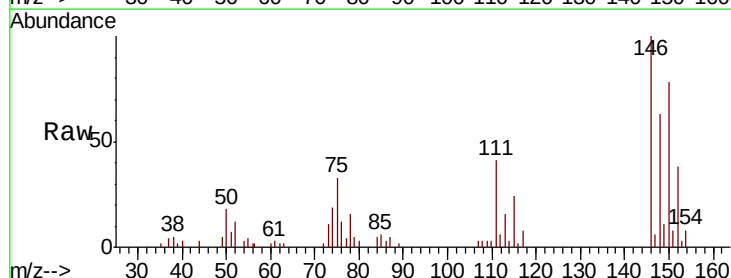
Instrument :
 BNA_N
 ClientSampled :

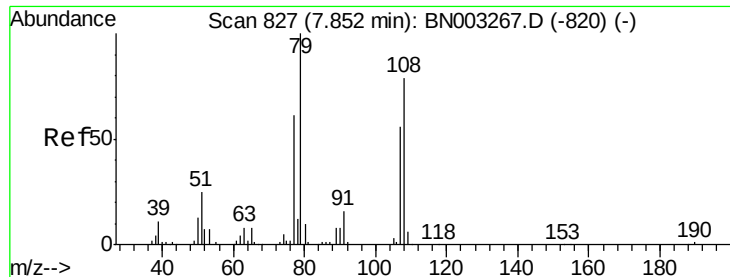
Tot Ion:146 Resp: 34905
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.2 75.2
 111 40.4 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 4.662 ng
 RT: 7.95 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:146 Resp: 34223
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.2
 111 41.5 33.1 49.7





#15

Benzyl Alcohol

Concen: 3.553 ng

RT: 7.86 min Scan# 829

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

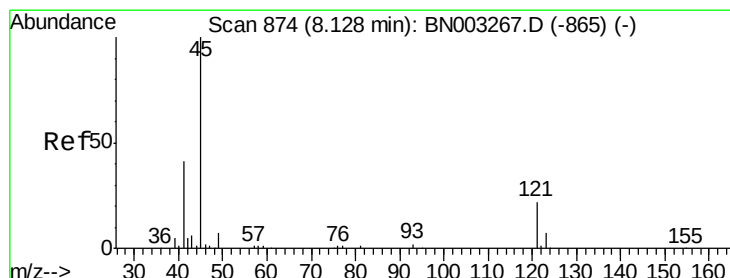
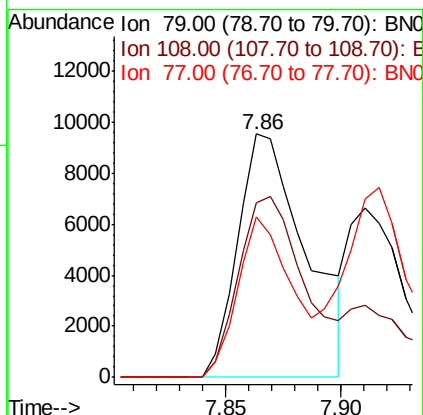
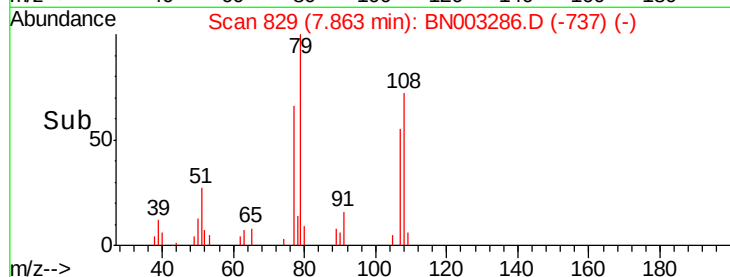
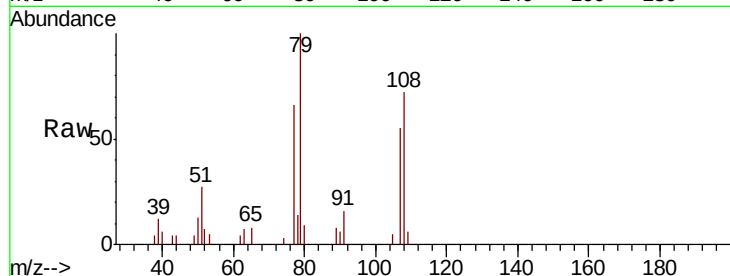
Tot Ion: 79 Resp: 19532

Ion Ratio Lower Upper

79 100

108 71.7 63.3 94.9

77 66.0 49.0 73.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.676 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

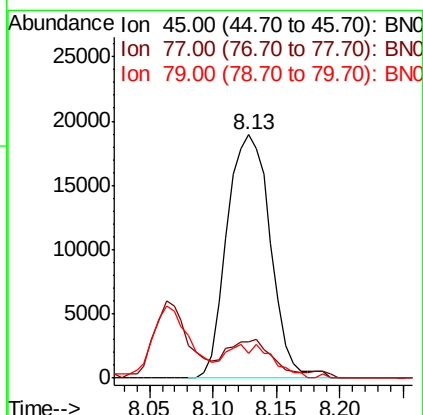
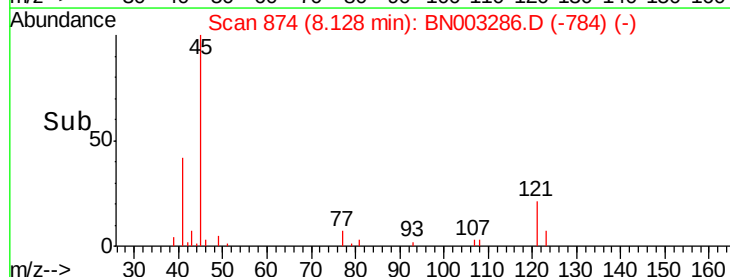
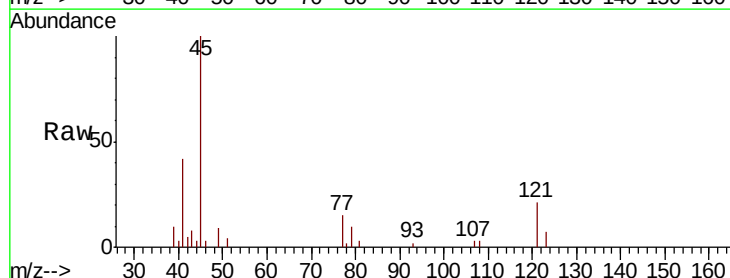
Tgt Ion: 45 Resp: 45072

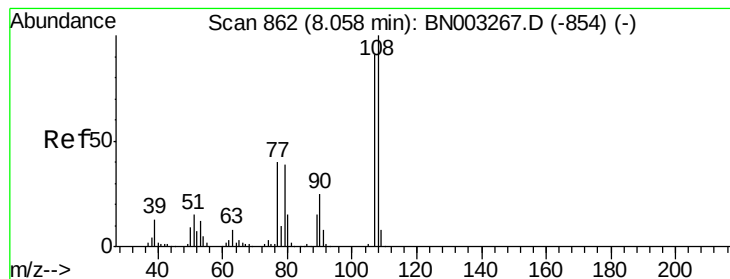
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.0

79 10.1 0.0 30.9





#17

2-Methylphenol

Concen: 4.999 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 27500

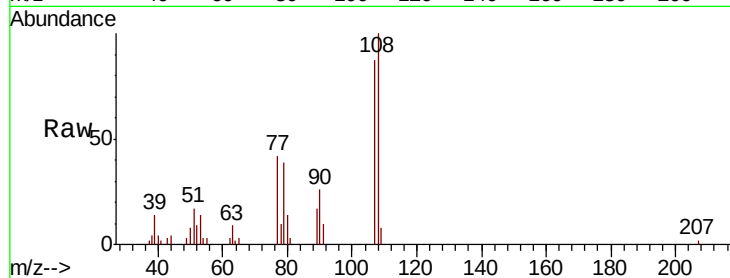
Ion Ratio Lower Upper

107 100

108 115.3 87.6 131.4

77 48.3 35.3 52.9

79 45.1 34.2 51.4



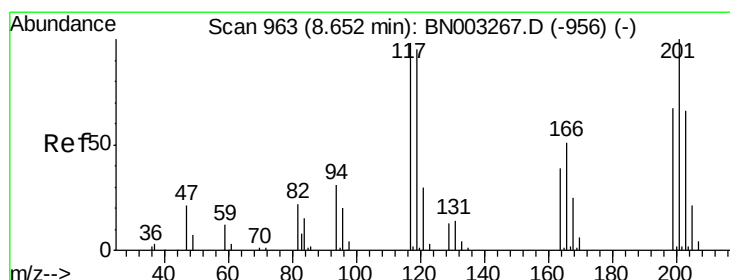
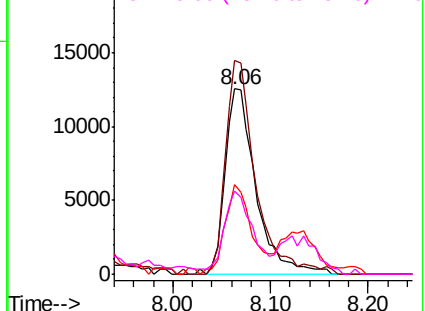
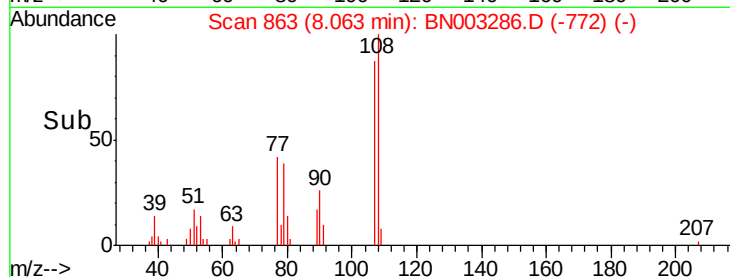
Abundance

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: 4.538 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

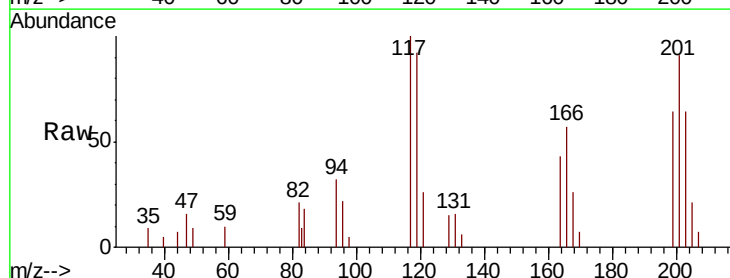
Tgt Ion:117 Resp: 12027

Ion Ratio Lower Upper

117 100

119 91.7 77.8 116.6

201 91.2 81.4 122.2

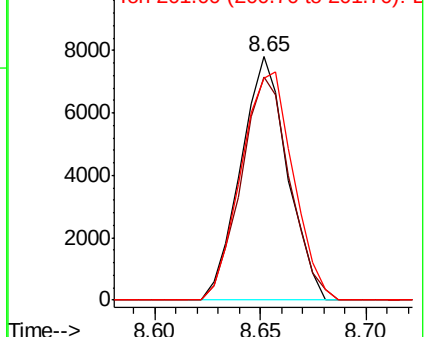
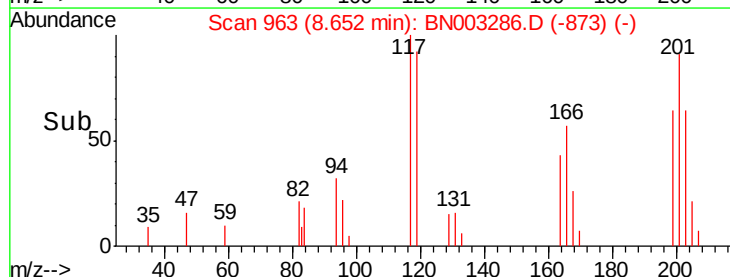


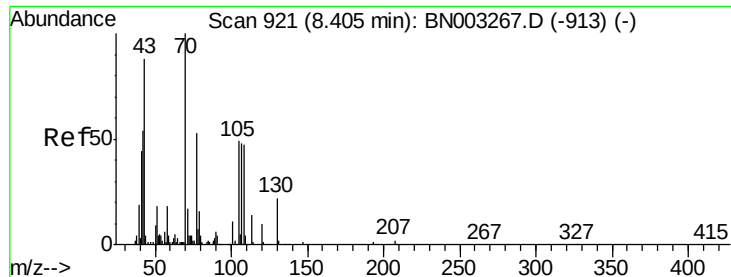
Abundance

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

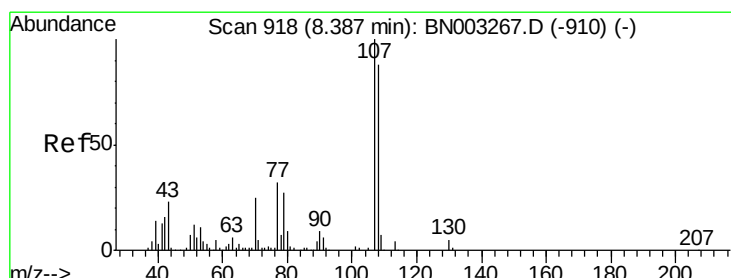
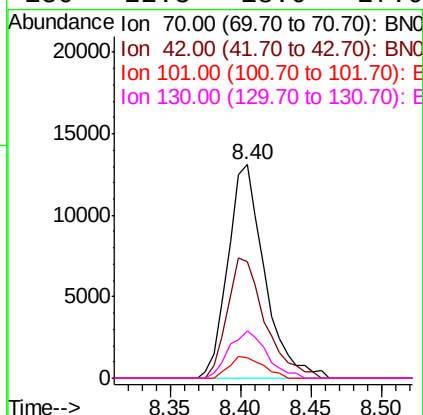
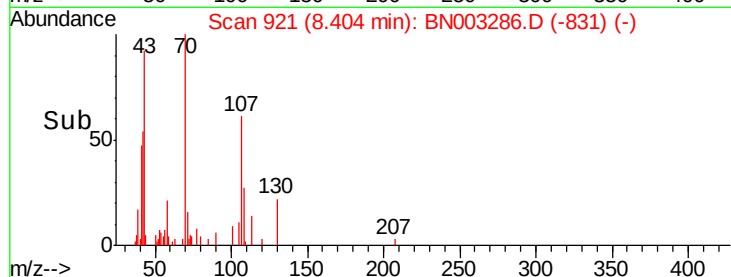
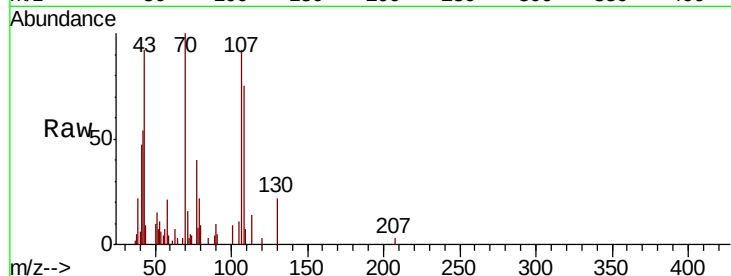




#19
n-Nitroso-di-n-propylamine
Concen: 4.317 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

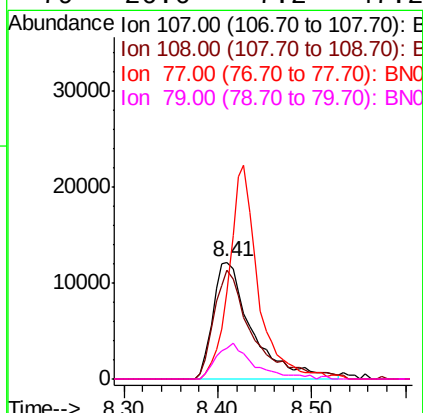
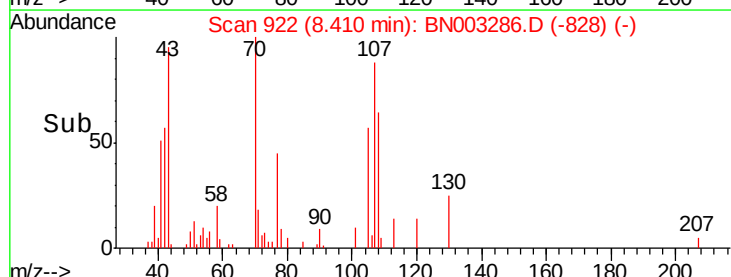
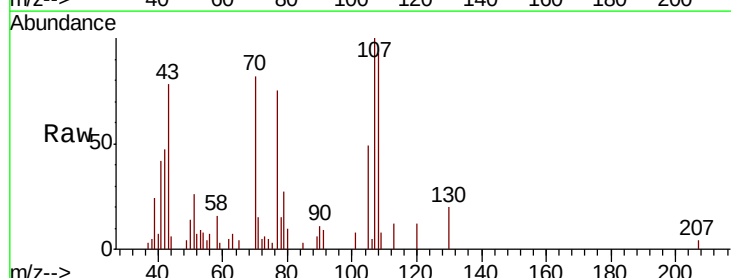
Instrument :
BNA_N
ClientSampled :

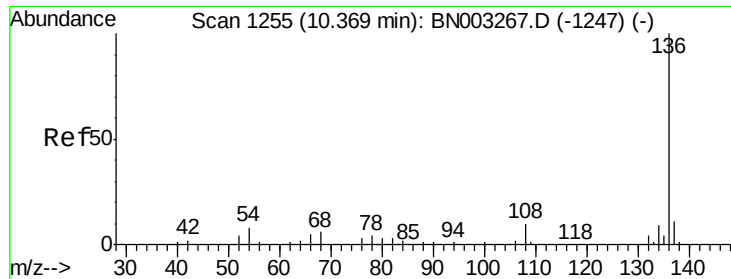
Tot Ion:	70	Resp:	23745
Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.5	65.3
101	9.5	8.6	12.8
130	22.3	18.0	27.0



#20
3+4-Methylphenols
Concen: 4.520 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.02 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:	107	Resp:	35322
Ion	Ratio	Lower	Upper
107	100		
108	93.4	67.8	107.8
77	74.7	12.1	52.1
79	26.6	7.2	47.2

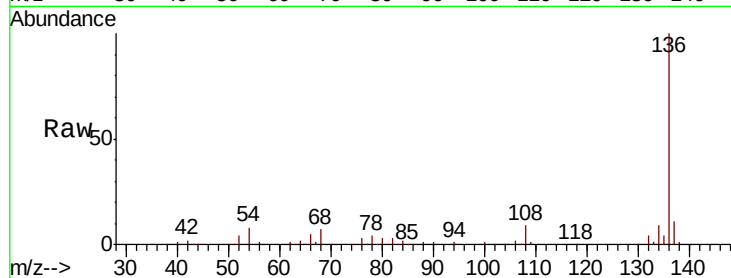




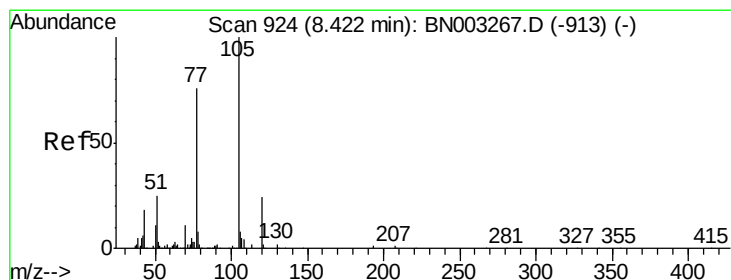
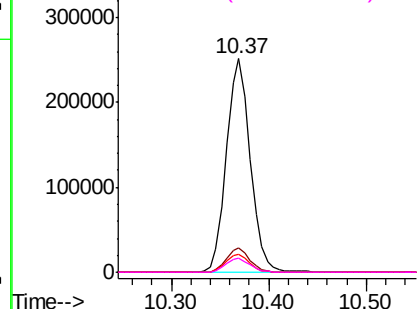
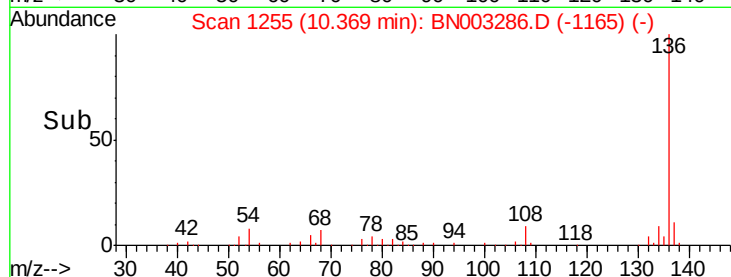
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	426170
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	8.5	6.6 10.0
68	6.8	4.6 7.0

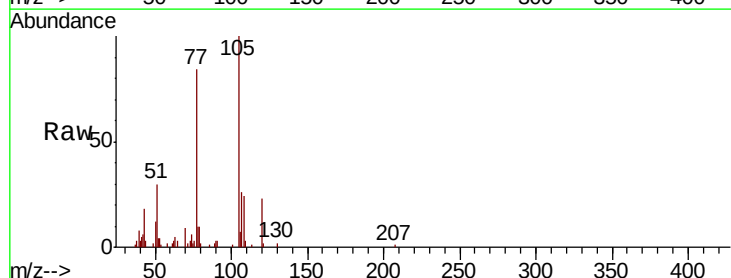


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

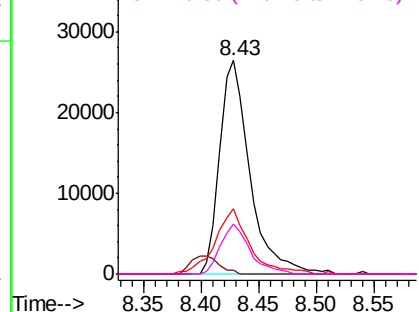
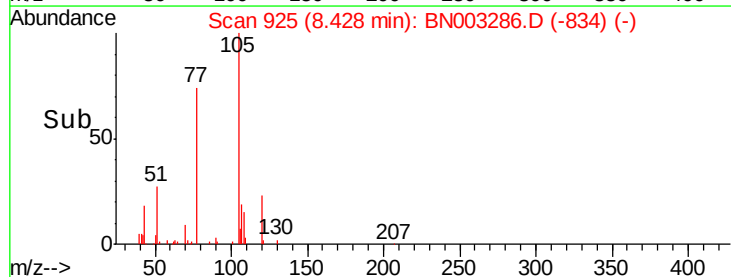


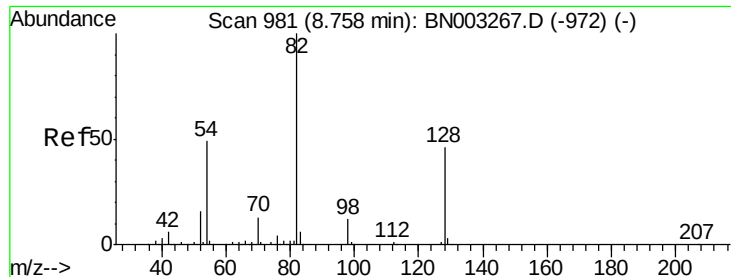
#22
Acetophenone
Concen: 4.680 ng
RT: 8.43 min Scan# 925
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:105	Resp:	48341
Ion Ratio	Lower	Upper
105	100	
71	2.1	1.3 1.9#
51	30.4	20.5 30.7
120	23.3	19.0 28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

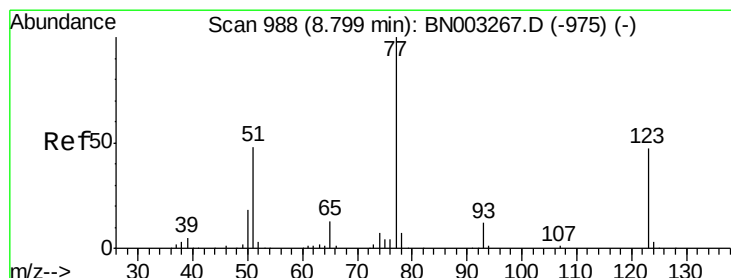
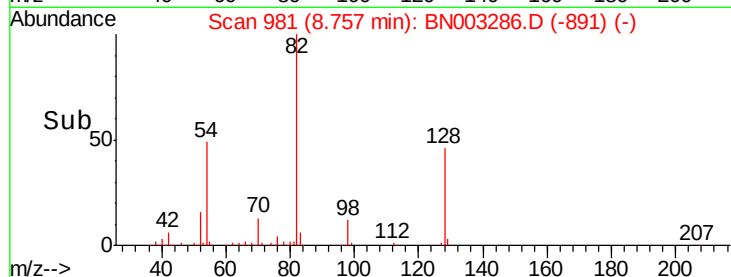
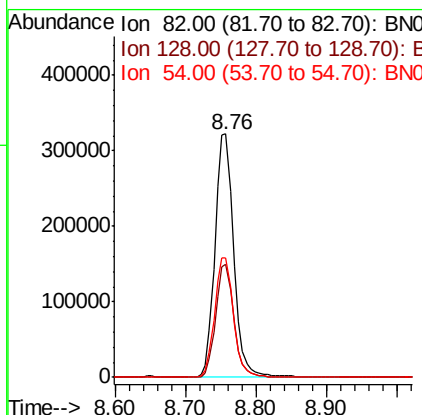
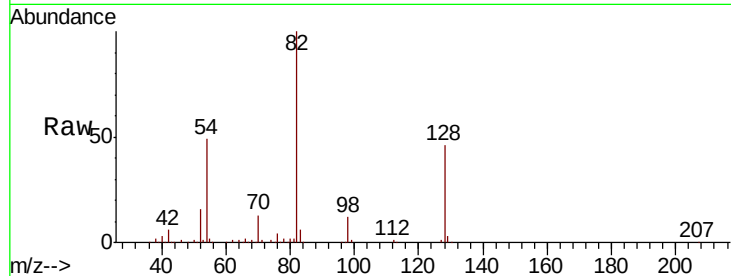




#23
 Nitrobenzene-d5
 Concen: 80.285 ng
 RT: 8.76 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

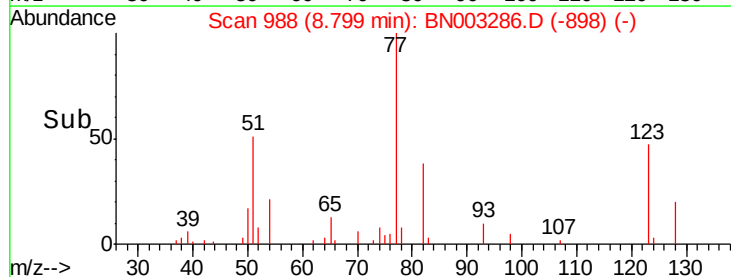
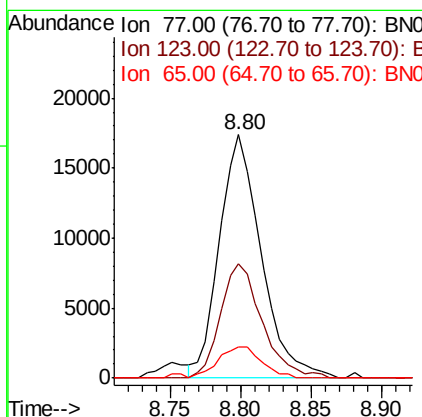
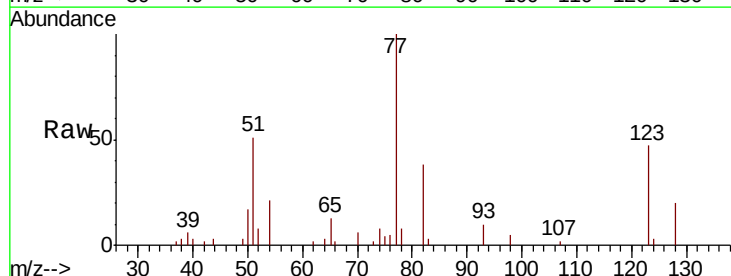
Instrument :
 BNA_N
 ClientSampleId :

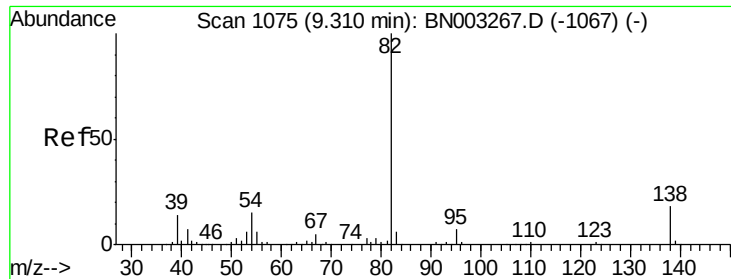
Tot Ion	82	Resp	596611
Ion Ratio	100	Lower	Upper
128	46.3	37.1	55.7
54	48.9	39.4	59.2



#24
 Nitrobenzene
 Concen: 4.736 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion	77	Resp	35911
Ion Ratio	100	Lower	Upper
123	46.9	37.8	56.6
65	12.9	10.7	16.1





#25

Isophorone

Concen: 5.109 ng

RT: 9.32 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

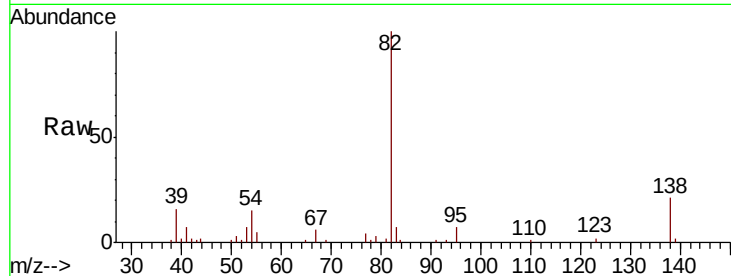
Tot Ion: 82 Resp: 66596

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

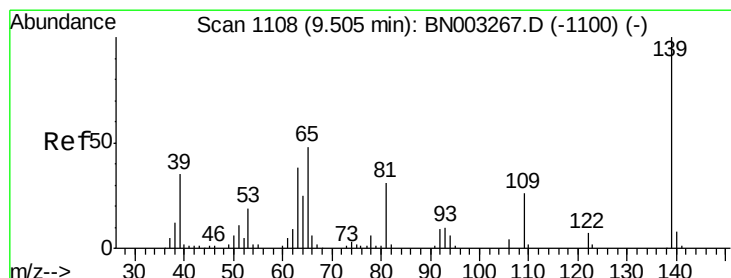
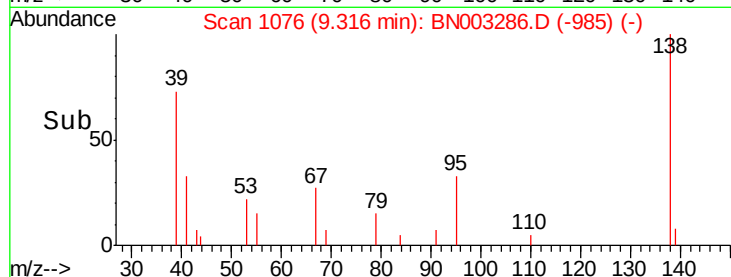
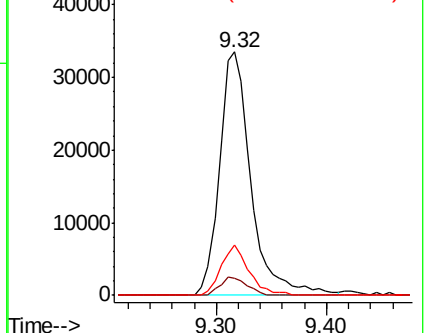
138 20.8 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BN003267.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BN003267.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BN003267.D (-1067) (-)



#26

2-Nitrophenol

Concen: 4.211 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

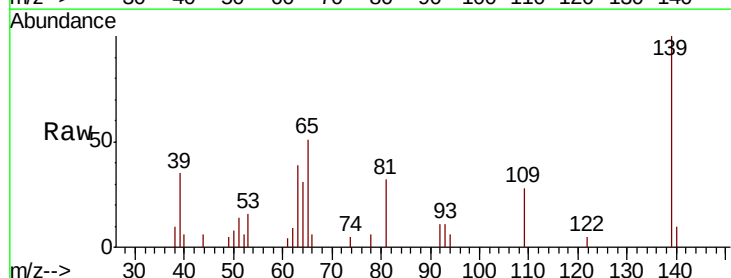
Tgt Ion: 139 Resp: 16805

Ion Ratio Lower Upper

139 100

109 27.8 20.5 30.7

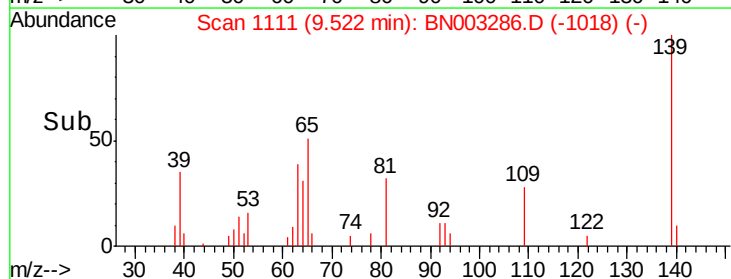
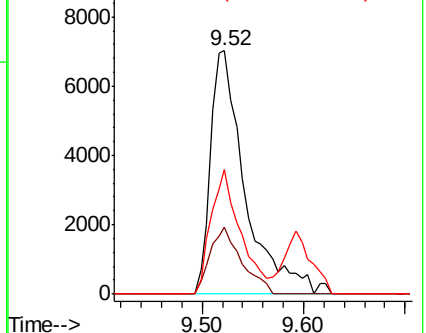
65 51.0 38.4 57.6

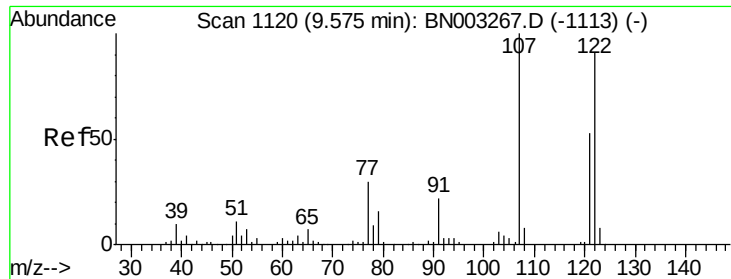


Abundance Ion 139.00 (138.70 to 139.70): BN003267.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BN003267.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-1100) (-)

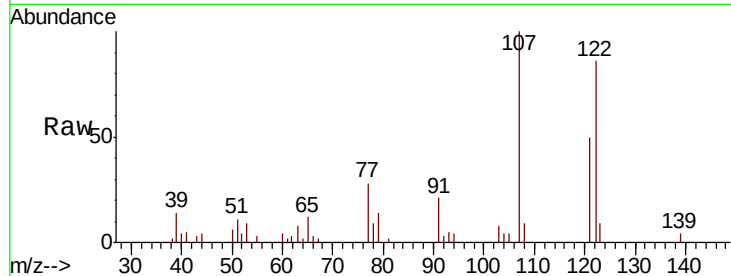




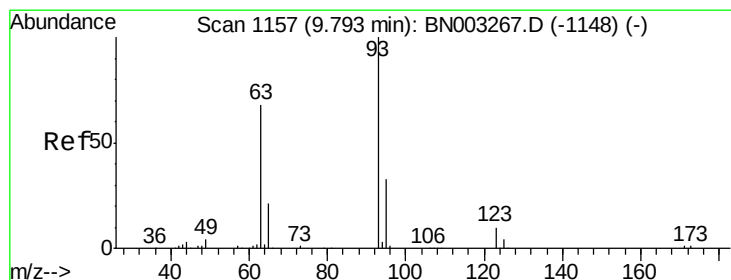
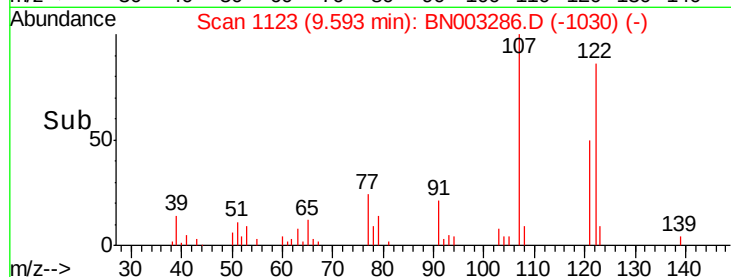
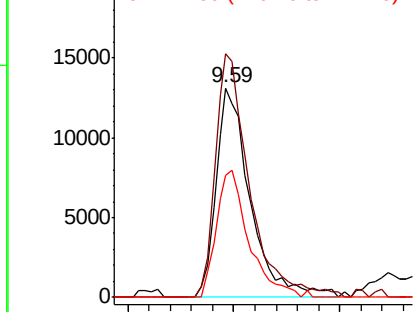
#27
 2,4-Dimethylphenol
 Concen: 5.267 ng
 RT: 9.59 min Scan# 1123
 Delta R.T. 0.02 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:122 Resp: 29557
 Ion Ratio Lower Upper
 122 100
 107 116.2 87.8 131.6
 121 58.4 46.9 70.3

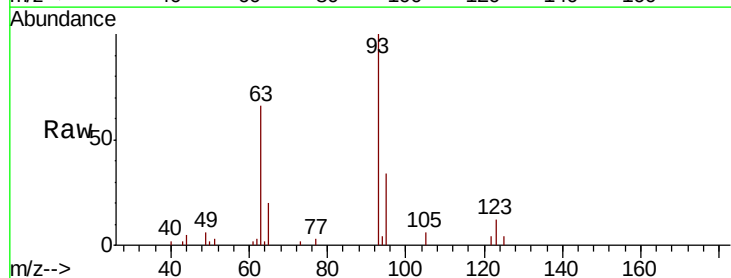


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

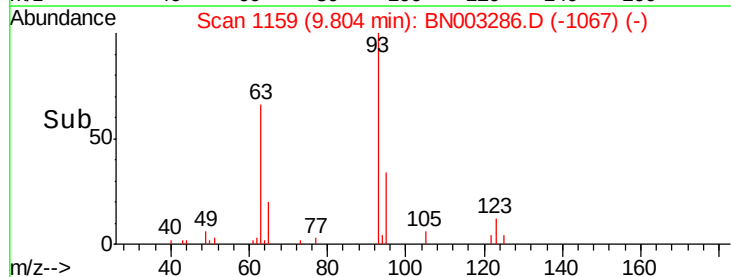
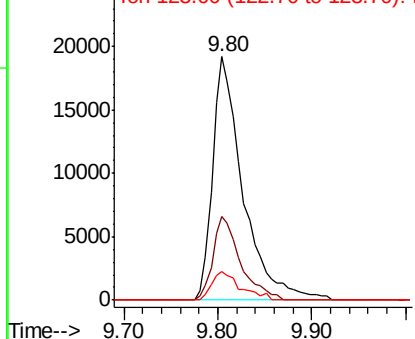


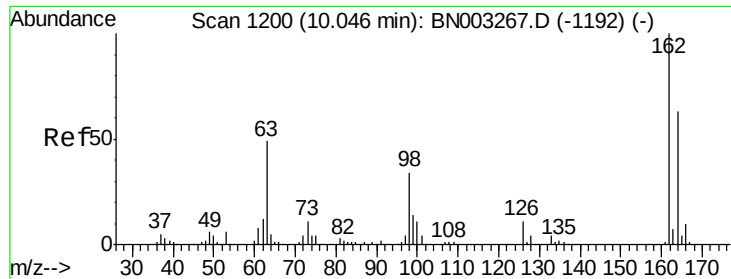
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.938 ng
 RT: 9.80 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion: 93 Resp: 43361
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.2 39.4
 123 11.7 9.1 13.7



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

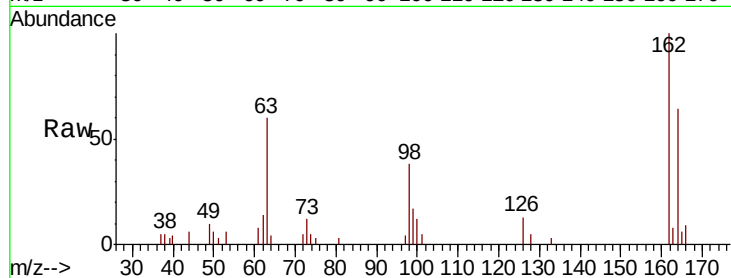




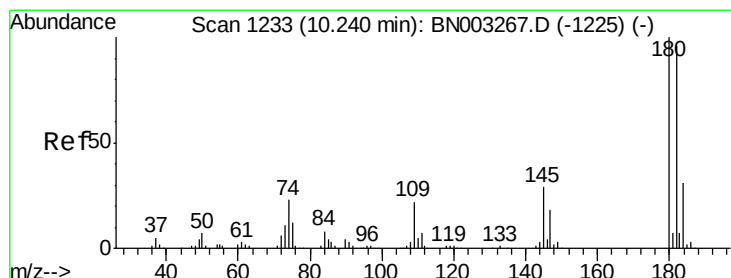
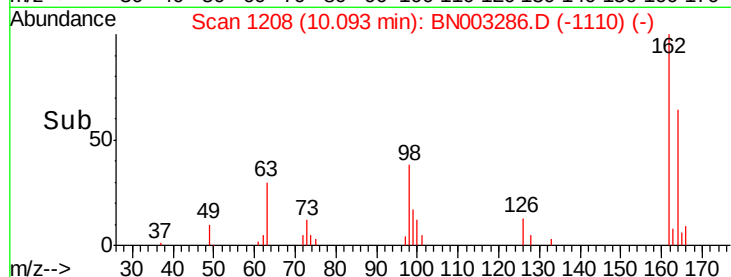
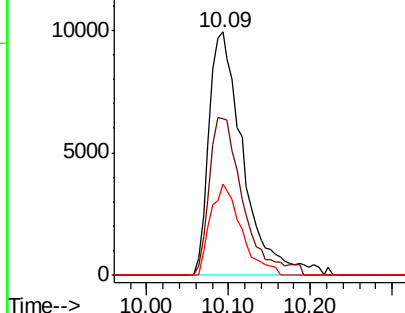
#29
 2,4-Dichlorophenol
 Concen: 4.541 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. 0.05 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.5	82.5
98	37.7	14.0	54.0

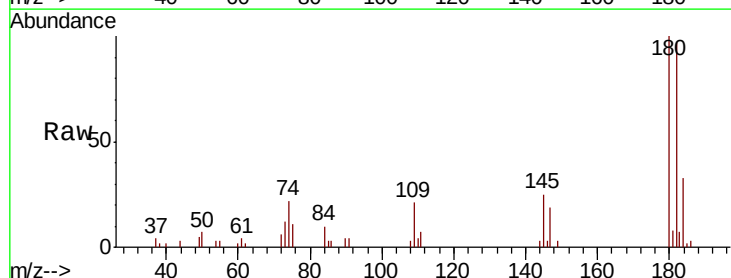


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

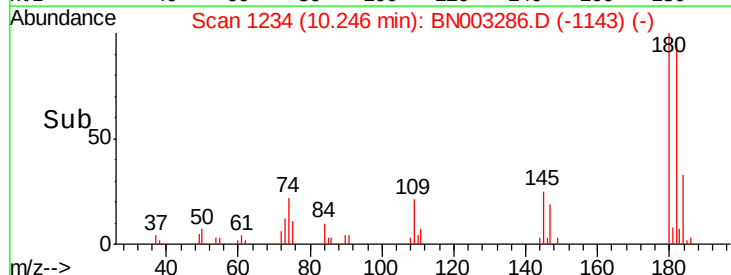
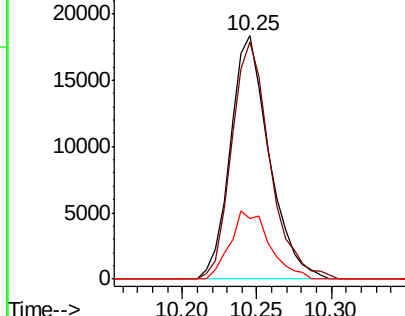


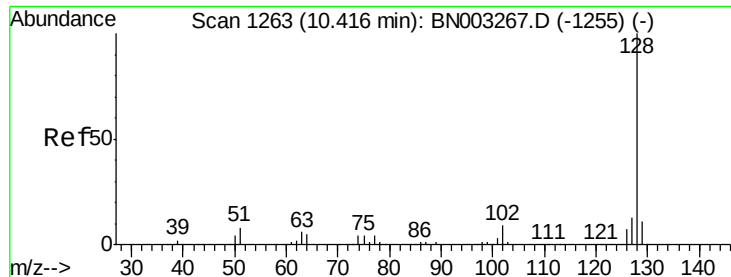
#30
 1,2,4-Trichlorobenzene
 Concen: 4.583 ng
 RT: 10.25 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.4	114.6
145	25.0	23.6	35.4



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

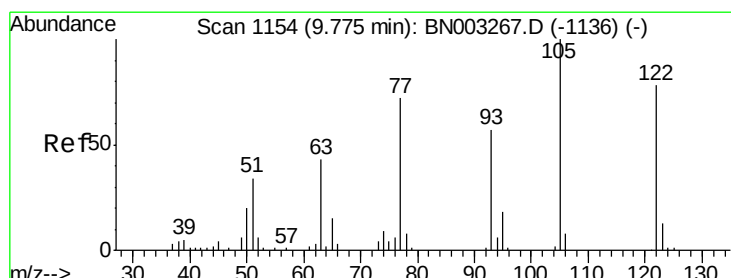
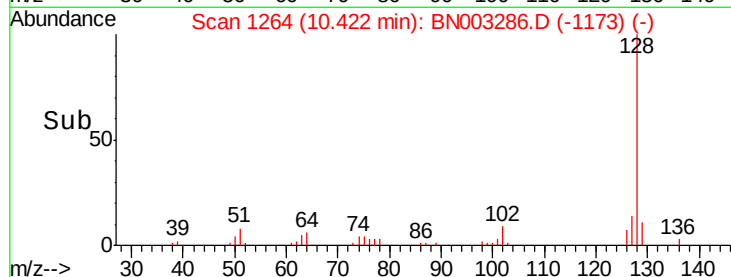
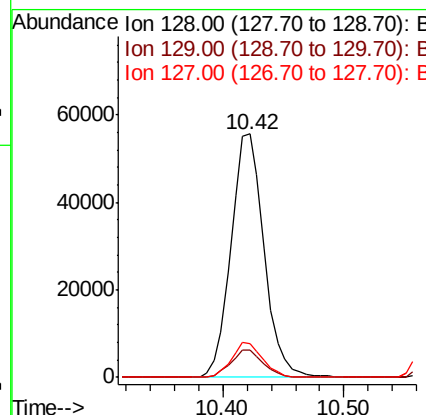
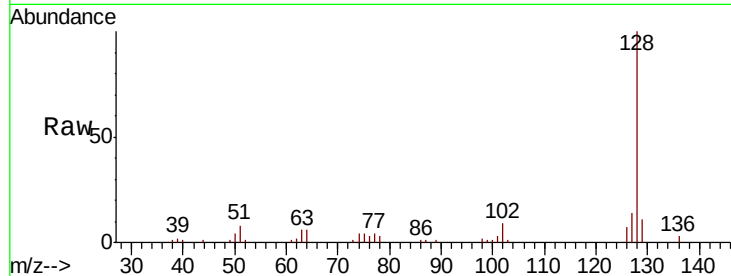




#31
Naphthalene
Concen: 5.084 ng
RT: 10.42 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

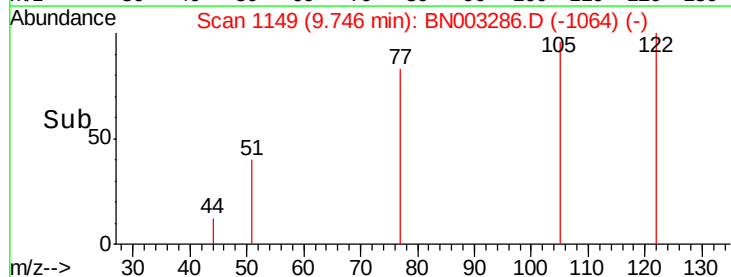
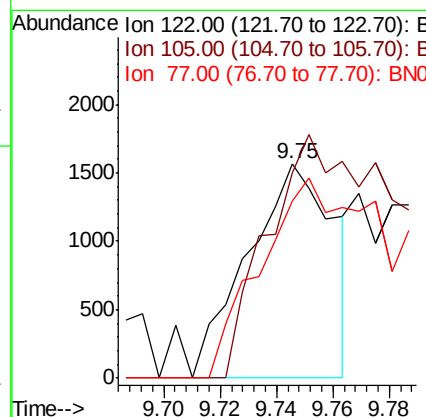
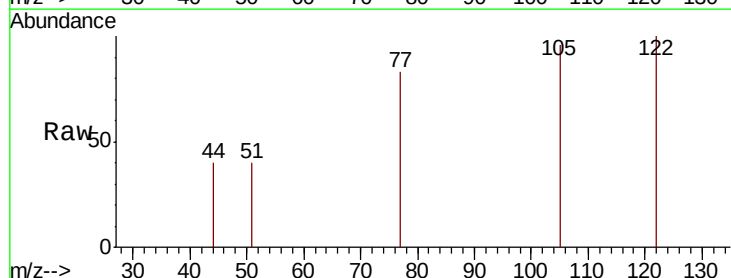
Instrument :
BNA_N
ClientSampleId :

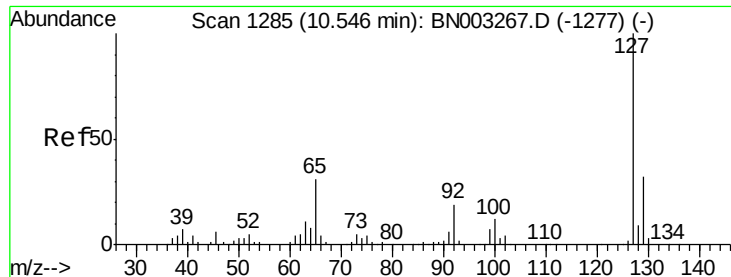
Tot Ion:128 Resp: 105877
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 10.4 15.6



#32
Benzoic acid
Concen: 5.622 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:122 Resp: 3303
Ion Ratio Lower Upper
122 100
105 95.9 106.8 146.8#
77 82.7 71.9 111.9

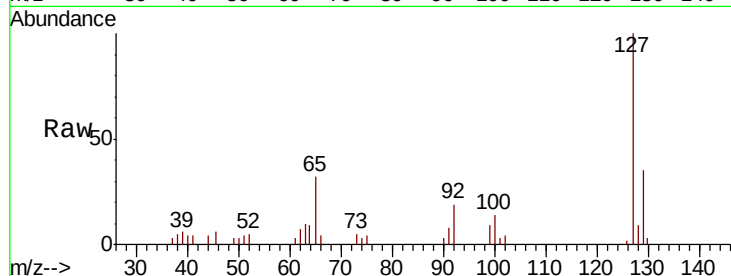




#33
4-Chloroaniline
Concen: 3.946 ng
RT: 10.57 min Scan# 1290
Delta R.T. 0.03 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.8	38.6
65	31.5	24.6	36.8
92	18.9	15.3	22.9



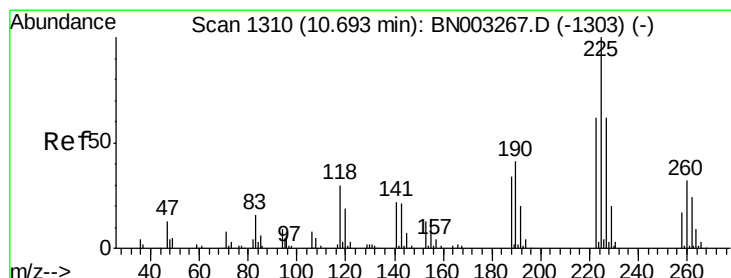
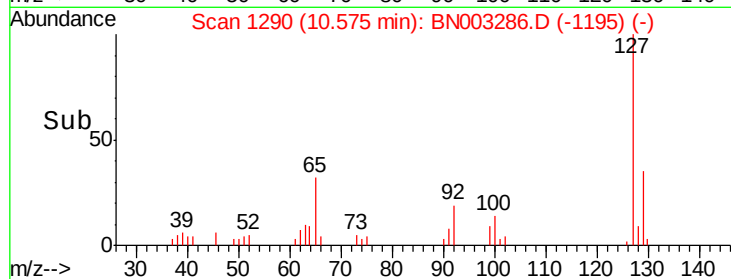
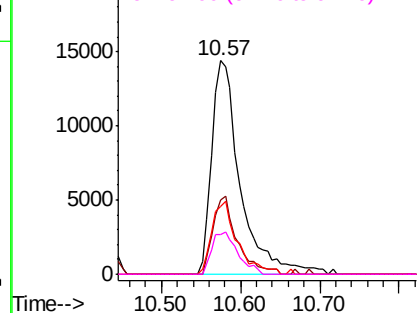
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

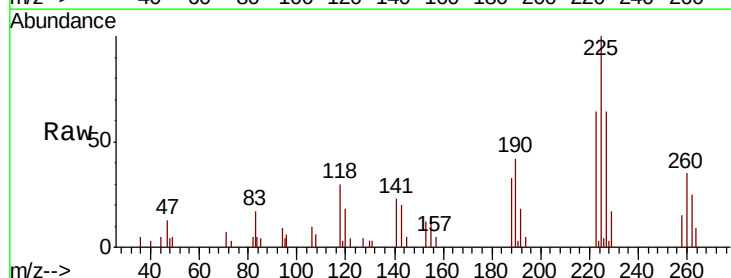
Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#34
Hexachlorobutadiene
Concen: 4.527 ng
RT: 10.69 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.8
227	61.6	49.6	74.4

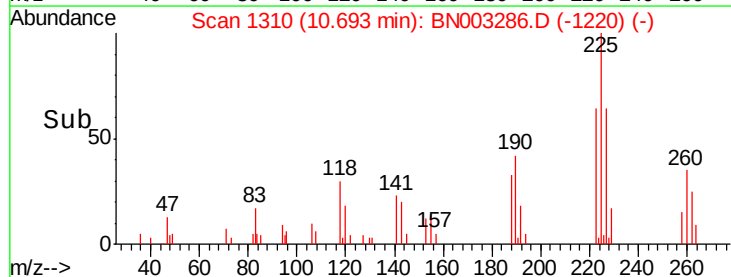
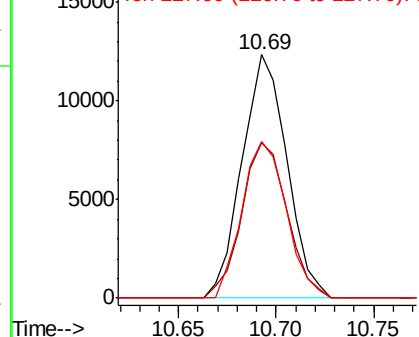


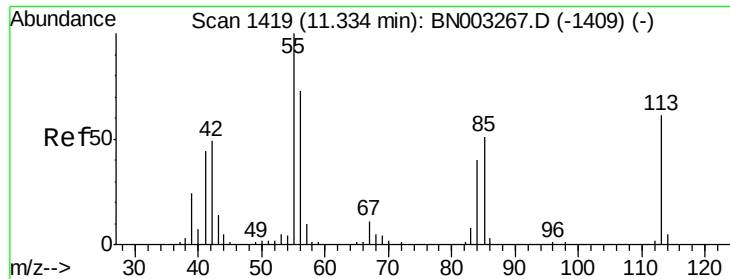
Abundance

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

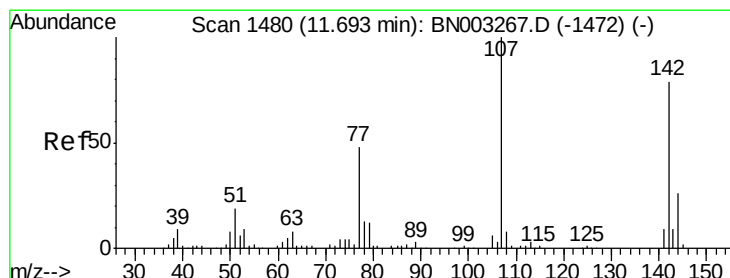
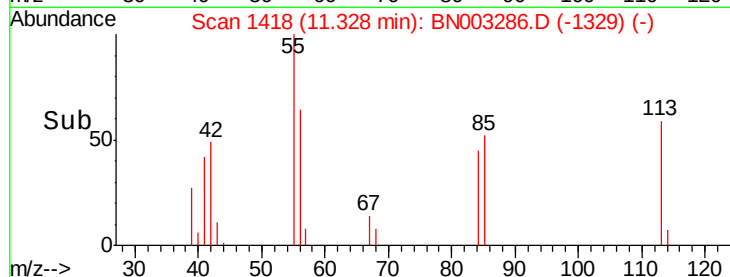
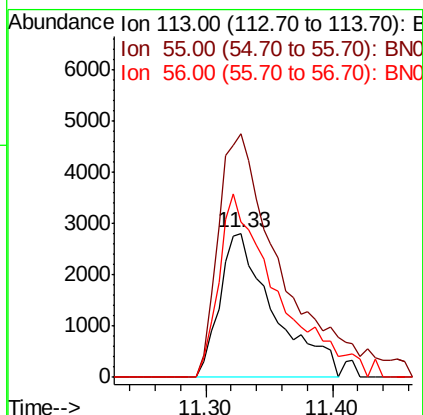
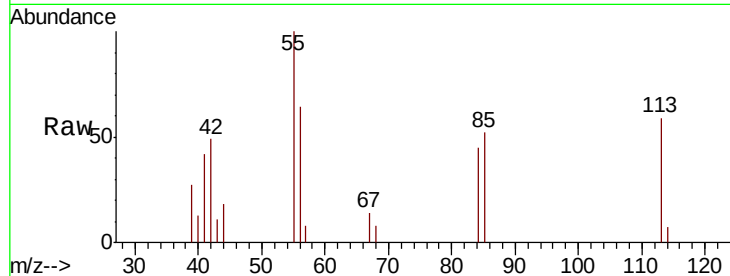




#35
 Caprolactam
 Concen: 3.318 ng
 RT: 11.33 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

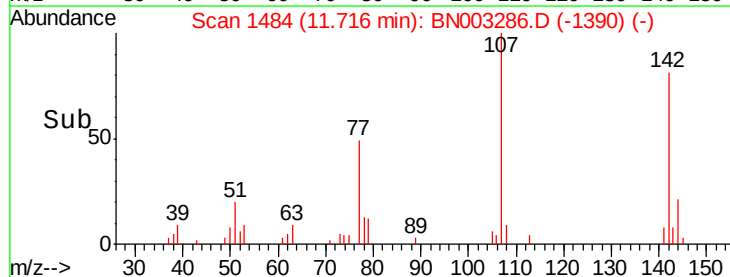
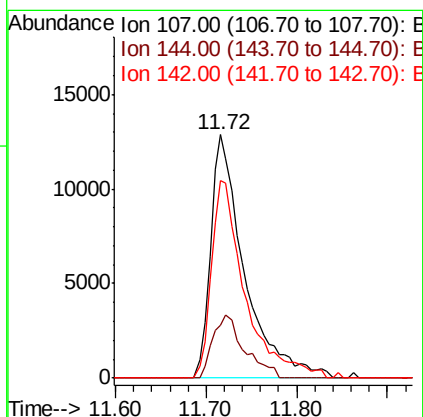
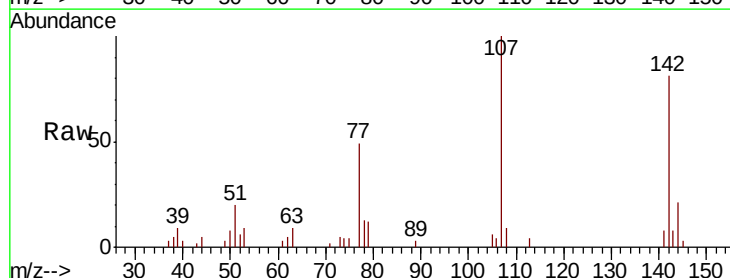
Instrument :
 BNA_N
 ClientSampleId :

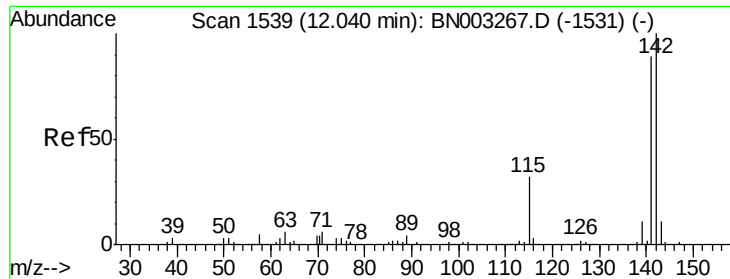
Tot Ion:113 Resp: 8320
 Ion Ratio Lower Upper
 113 100
 55 168.9 144.2 184.2
 56 107.5 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 4.651 ng
 RT: 11.72 min Scan# 1484
 Delta R.T. 0.02 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:107 Resp: 33217
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.8 31.2
 142 81.1 63.5 95.3

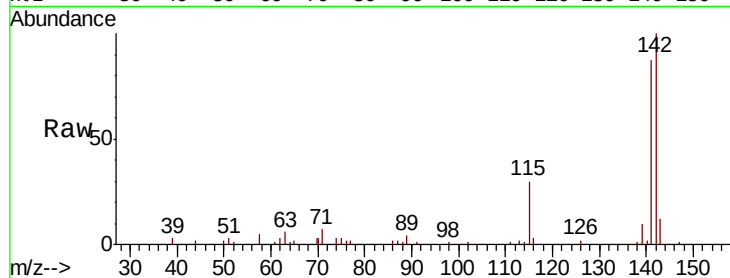




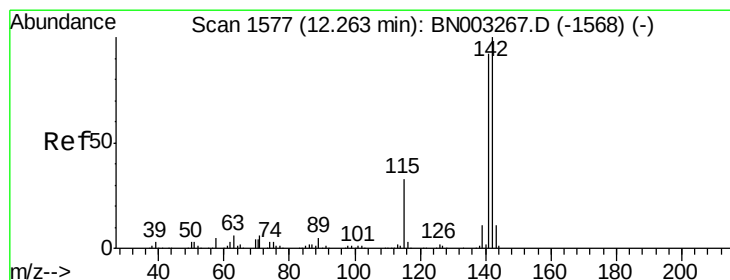
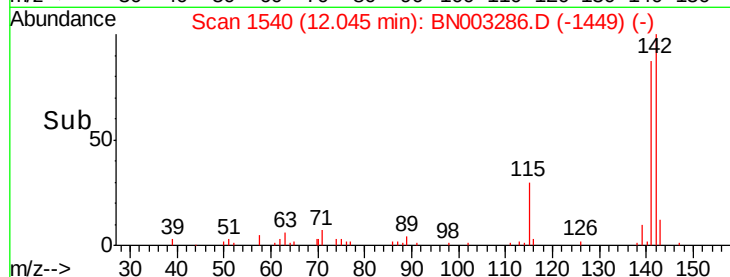
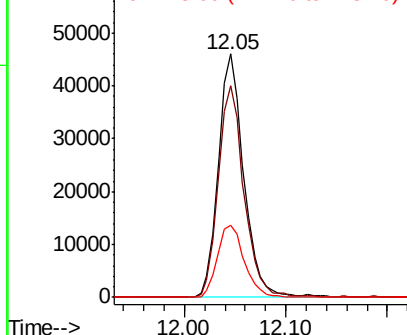
#37
2-Methylnaphthalene
Concen: 5.391 ng
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 80239
Ion Ratio Lower Upper
142 100
141 87.1 71.6 107.4
115 29.7 25.5 38.3

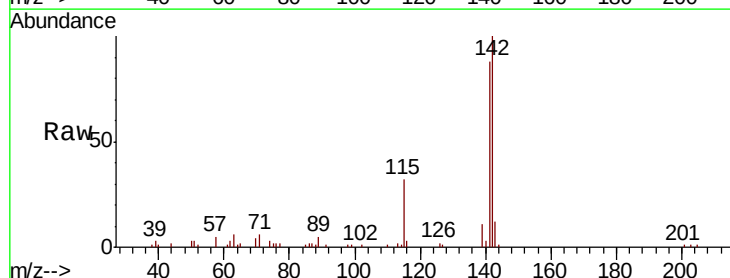


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

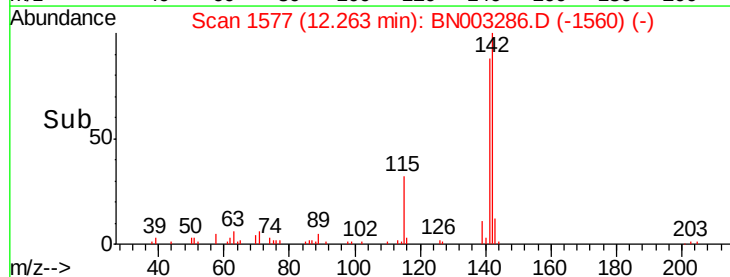
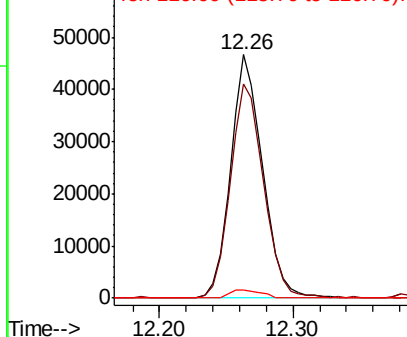


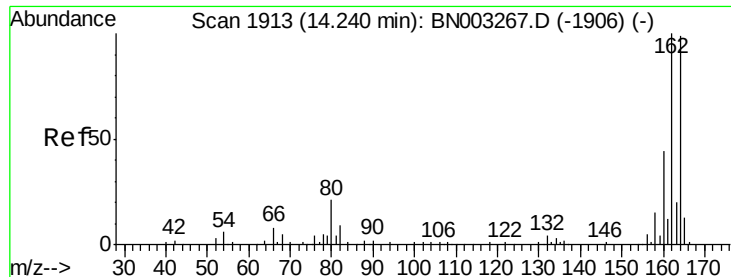
#38
1-Methylnaphthalene
Concen: 5.337 ng
RT: 12.26 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:142 Resp: 77578
Ion Ratio Lower Upper
142 100
141 87.8 73.6 110.4
116 3.4 2.8 4.2



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: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

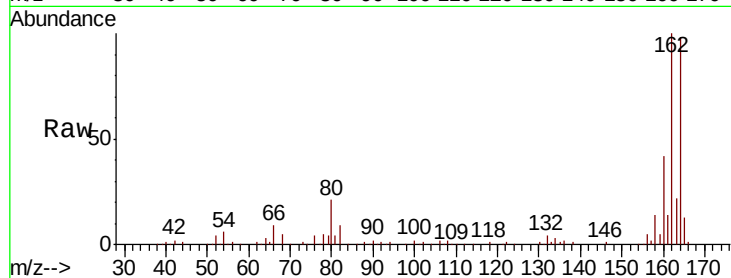
Tot Ion:164 Resp: 272083

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

160 43.4 35.5 53.3

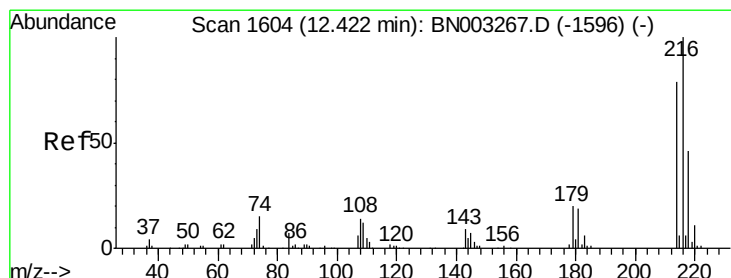
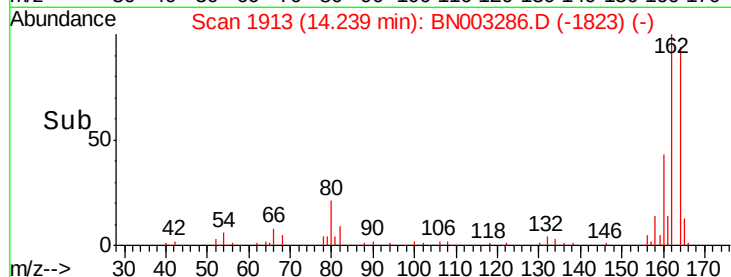
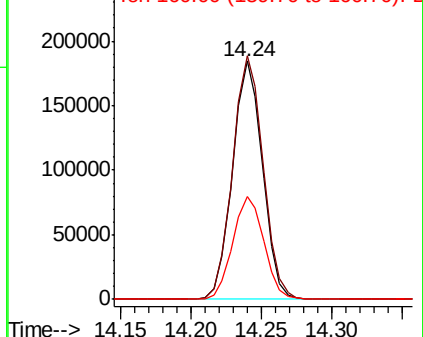


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.284 ng

RT: 12.43 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Tgt Ion:216 Resp: 38563

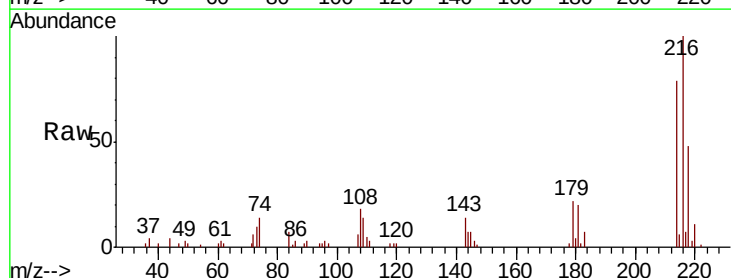
Ion Ratio Lower Upper

216 100

214 81.4 62.8 94.2

179 20.4 16.0 24.0

108 16.4 12.9 19.3



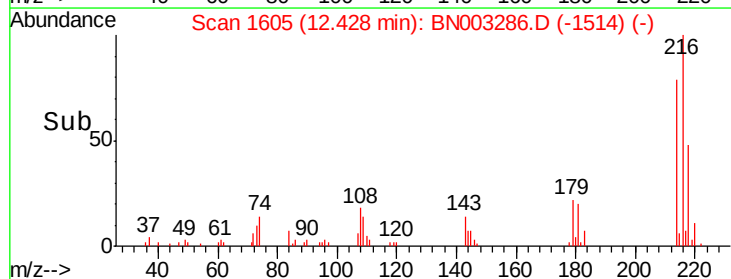
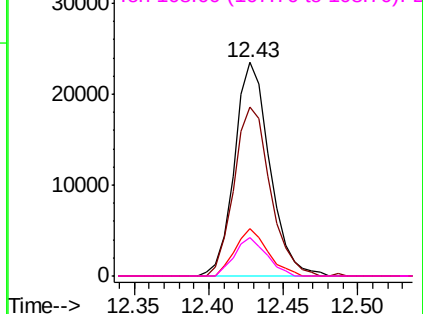
Abundance

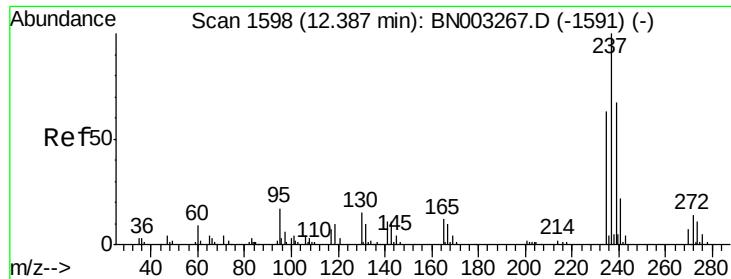
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.236 ng

RT: 12.39 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

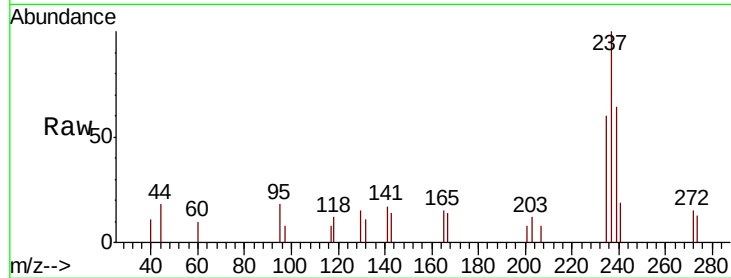
Tot Ion:237 Resp: 5743

Ion Ratio Lower Upper

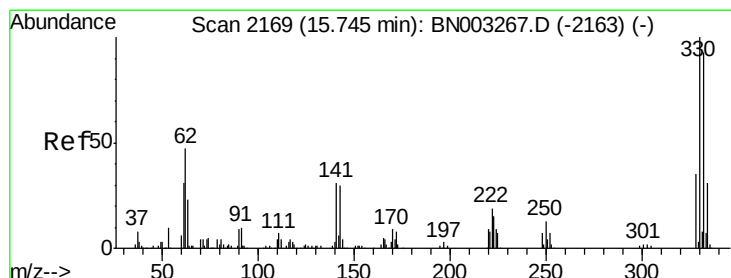
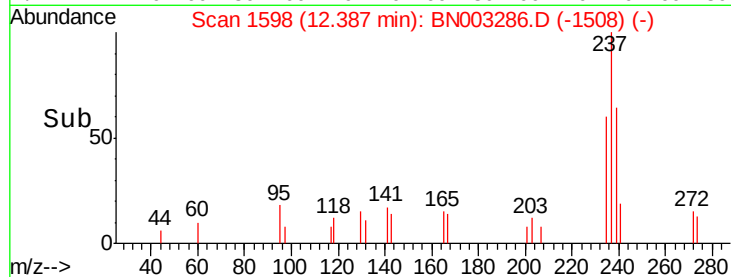
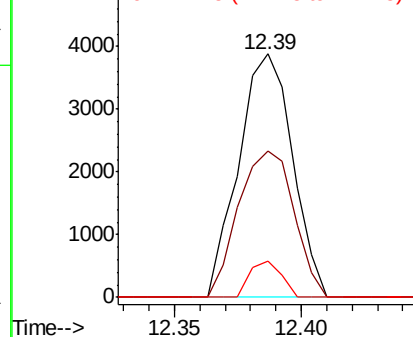
237 100

235 60.2 42.8 82.8

272 14.7 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: 135.737 ng

RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

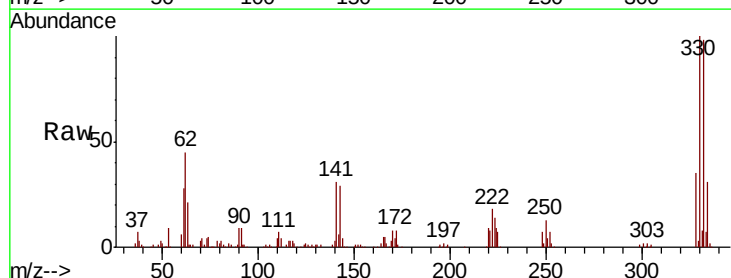
Tgt Ion:330 Resp: 497300

Ion Ratio Lower Upper

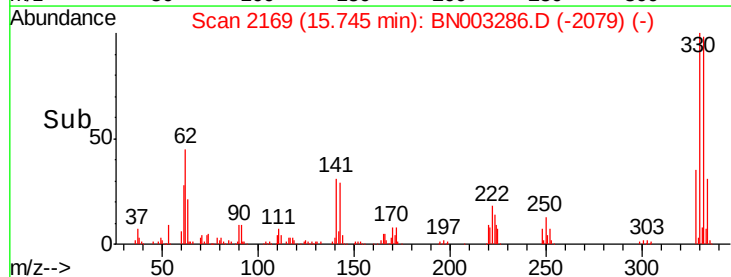
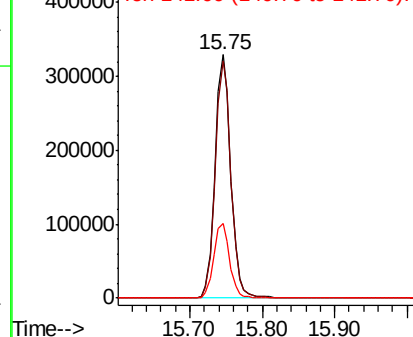
330 100

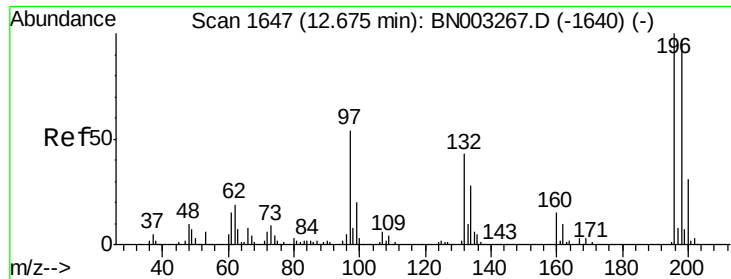
332 97.0 76.6 114.8

141 30.8 24.5 36.7



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

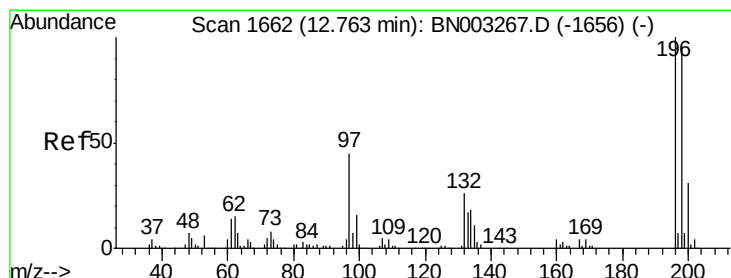
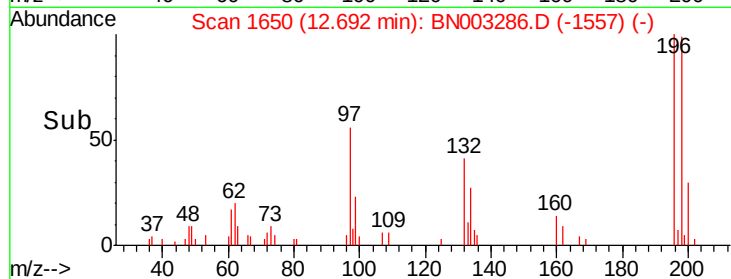
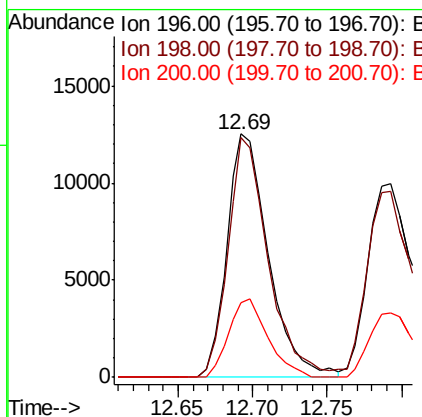
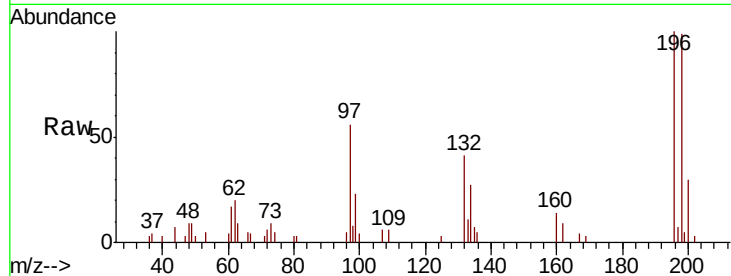




#43
 2,4,6-Trichlorophenol
 Concen: 4.277 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. 0.02 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

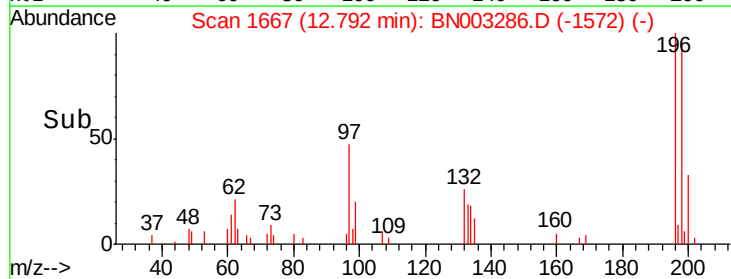
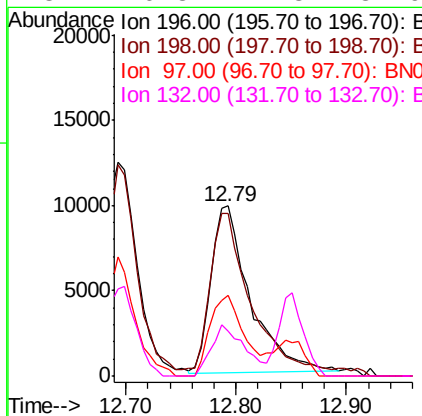
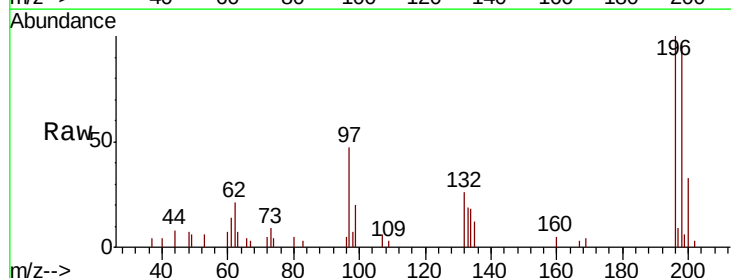
Instrument :
 BNA_N
 ClientSampleId :

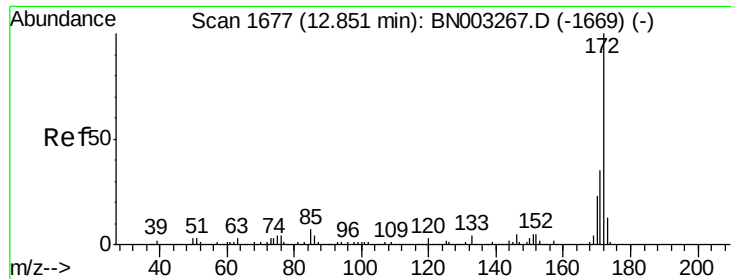
Tot Ion:196 Resp: 24322
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.4 116.0
 200 30.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 4.067 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. 0.03 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:196 Resp: 24126
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.8 115.2
 97 47.3 35.8 53.8
 132 26.3 21.3 31.9

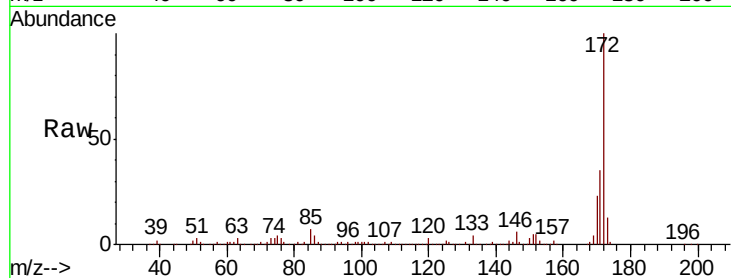




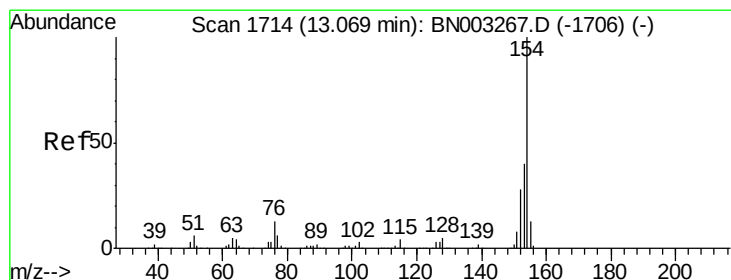
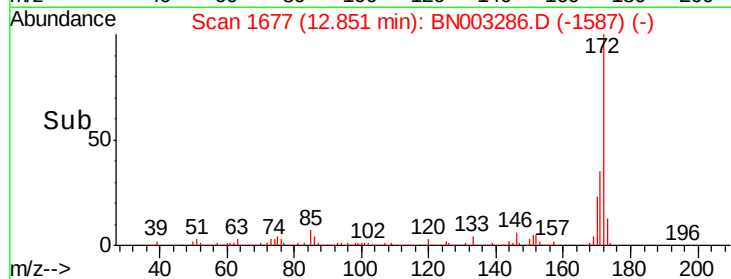
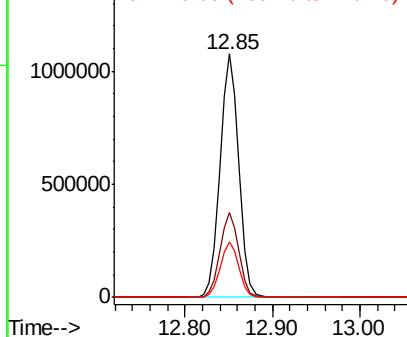
#45
2-Fluorobiphenyl
Concen: 79.525 ng
RT: 12.85 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 1595174
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.7 18.4 27.6

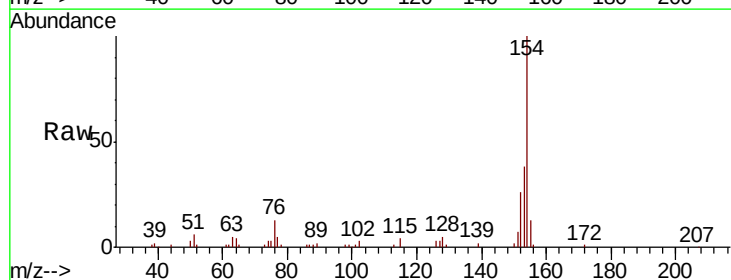


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

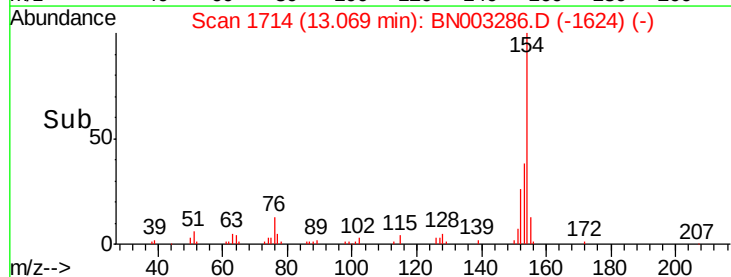
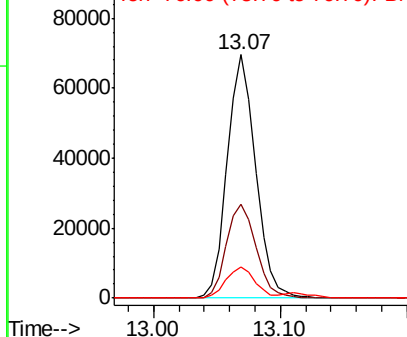


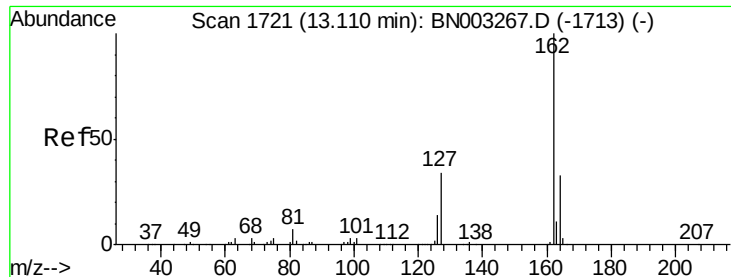
#46
1,1'-Biphenyl
Concen: 4.511 ng
RT: 13.07 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:154 Resp: 107720
Ion Ratio Lower Upper
154 100
153 38.5 20.5 60.5
76 13.0 0.0 33.3



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

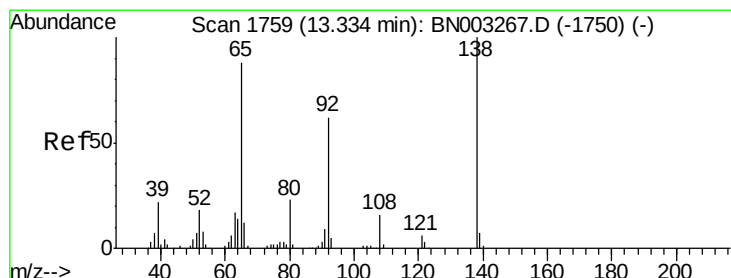
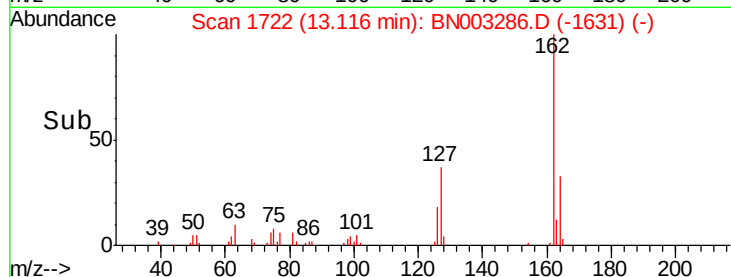
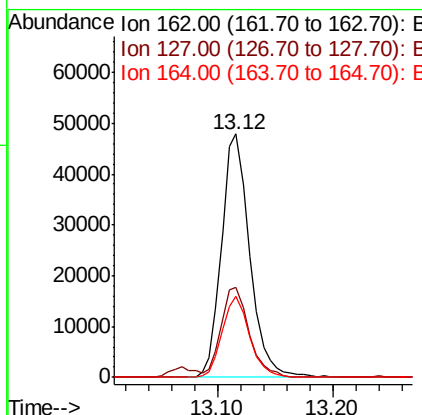
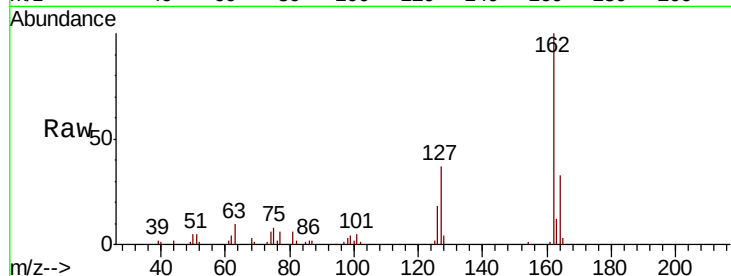




#47
2-Chloronaphthalene
Concen: 4.600 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

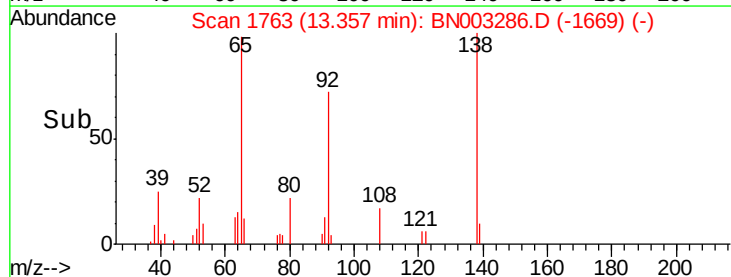
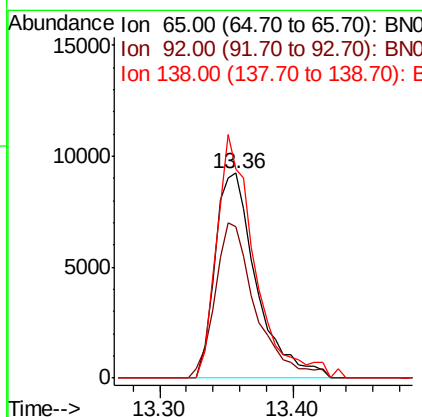
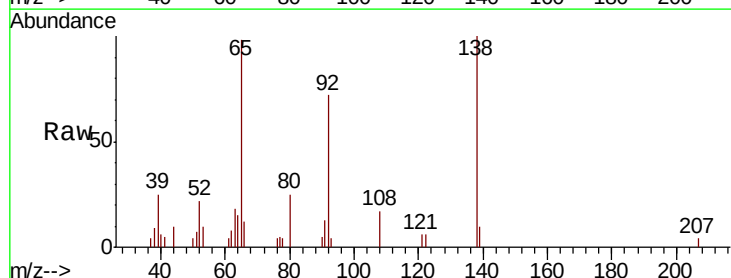
Instrument :
BNA_N
ClientSampleId :

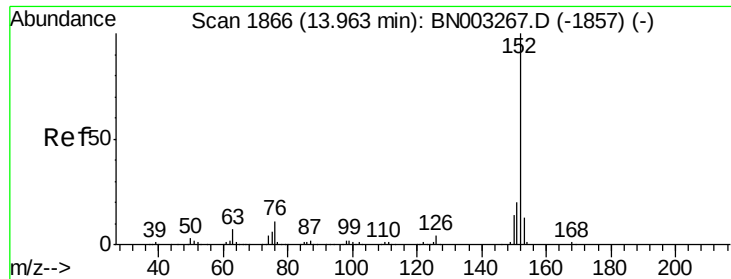
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.8	44.6
164	33.2	26.3	39.5



#48
2-Nitroaniline
Concen: 3.870 ng
RT: 13.36 min Scan# 1763
Delta R.T. 0.02 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	56.1	84.1
138	101.9	90.6	136.0





#49

Acenaphthylene

Concen: 4.913 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

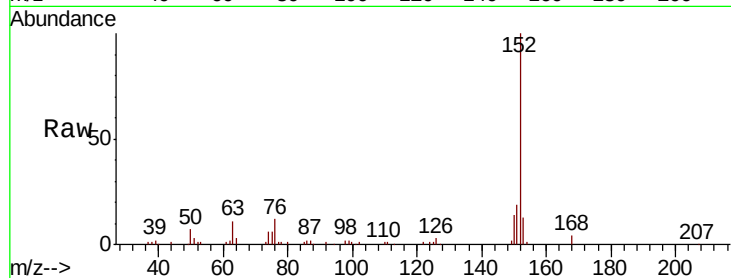
Tot Ion:152 Resp: 132465

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

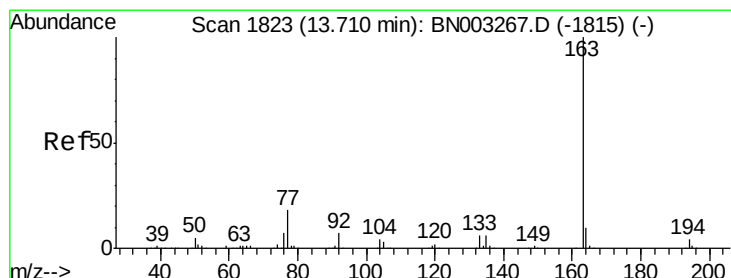
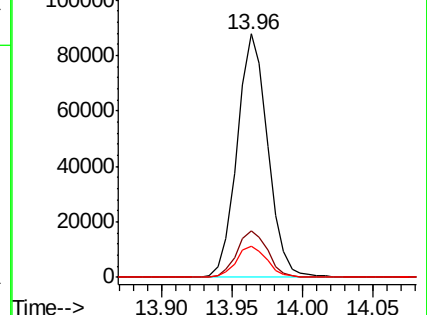
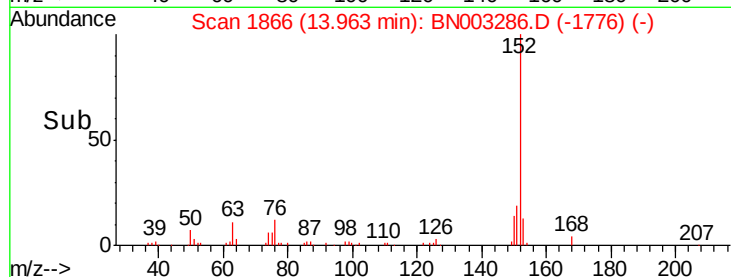
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.852 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

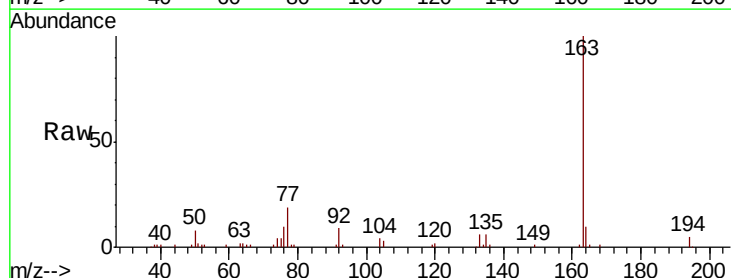
Tgt Ion:163 Resp: 106747

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

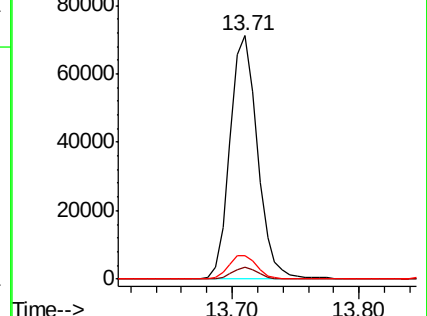
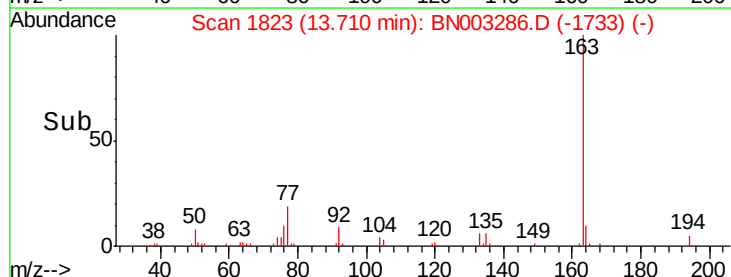
164 9.8 7.9 11.9

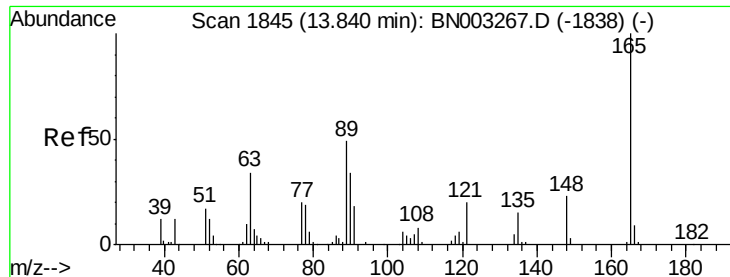


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

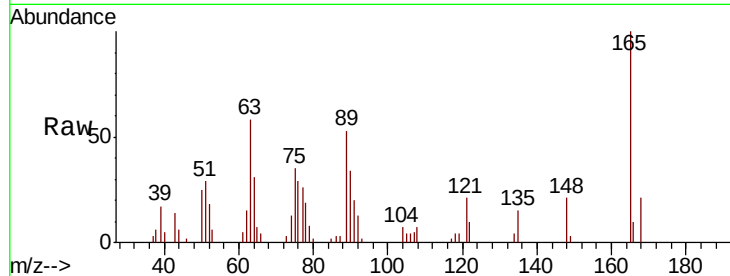




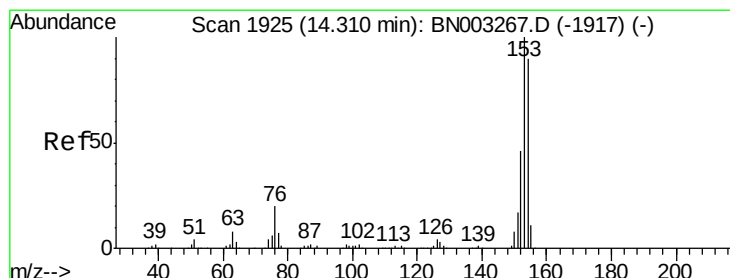
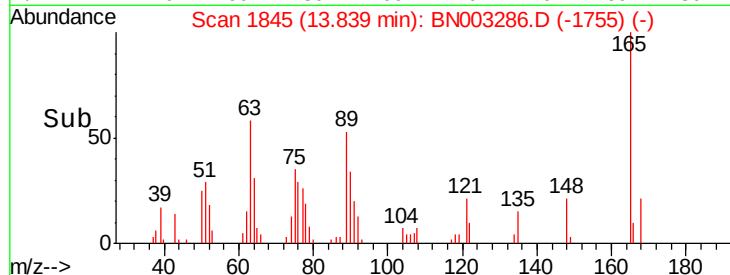
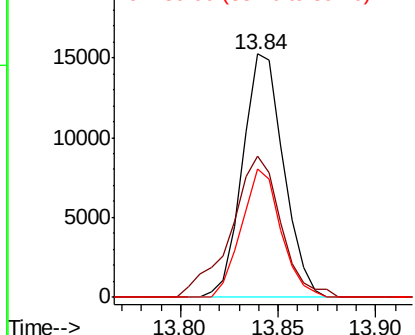
#51
2,6-Dinitrotoluene
Concen: 4.450 ng
RT: 13.84 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:165 Resp: 22221
Ion Ratio Lower Upper
165 100
63 58.0 39.2 58.8
89 52.6 38.9 58.3

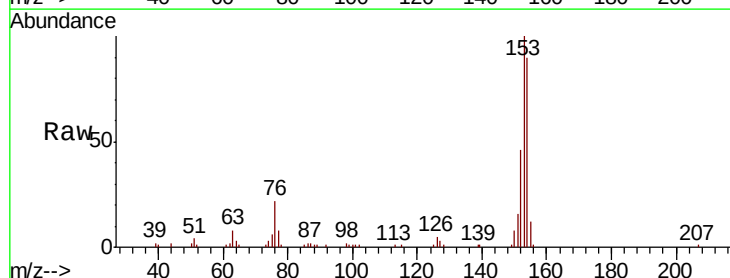


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 89.00 (88.70 to 89.70): BNO

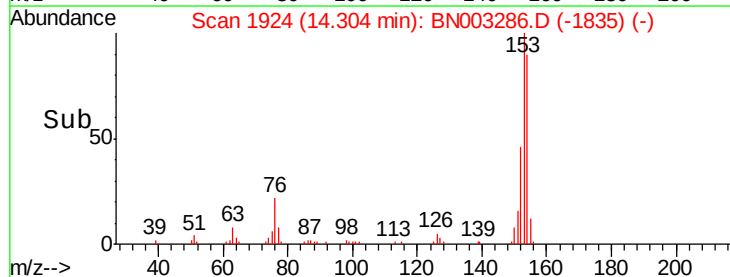
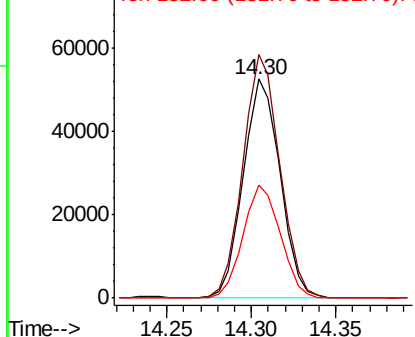


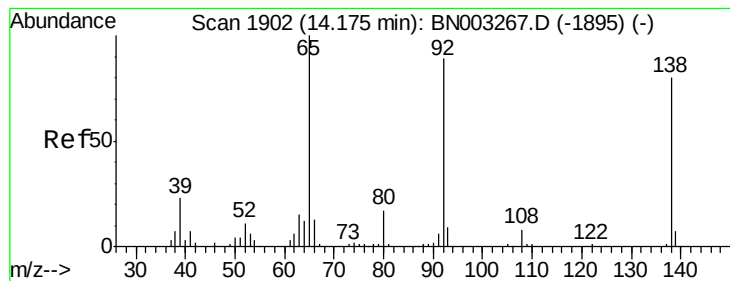
#52
Acenaphthene
Concen: 4.902 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:154 Resp: 80084
Ion Ratio Lower Upper
154 100
153 111.2 89.3 133.9
152 51.4 41.2 61.8



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

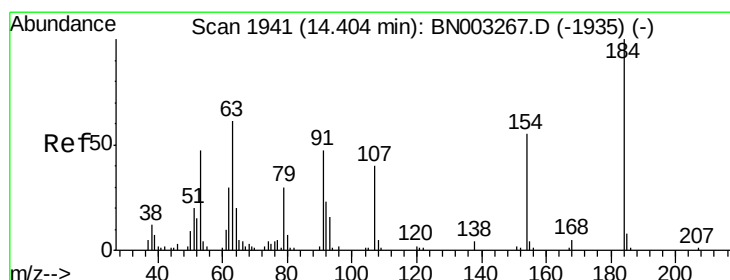
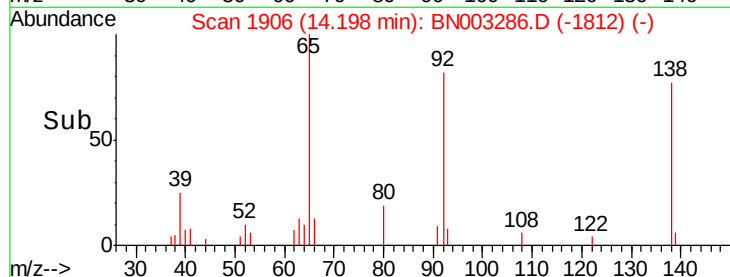
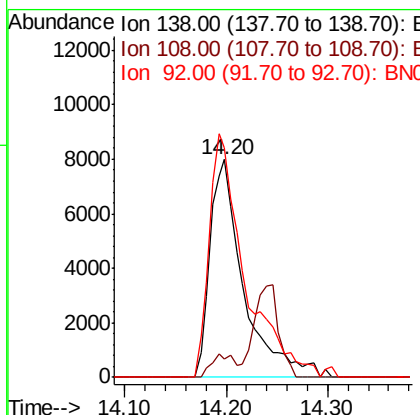
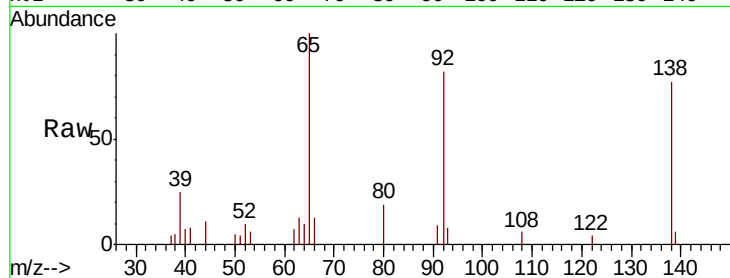




#53
 3-Nitroaniline
 Concen: 3.446 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. 0.02 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

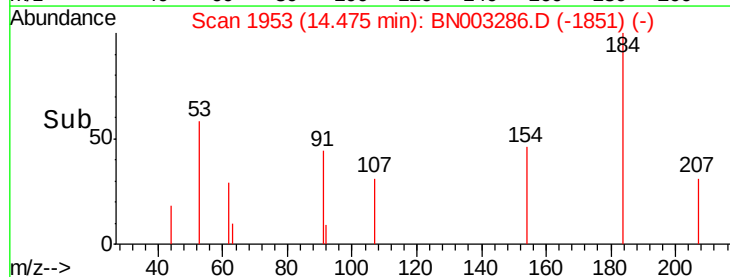
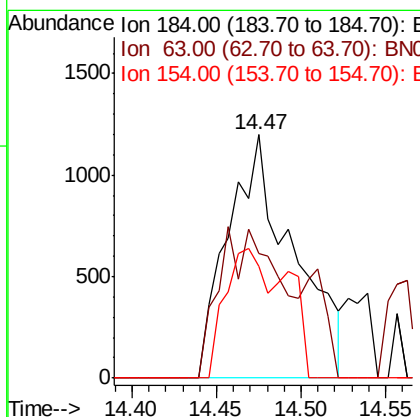
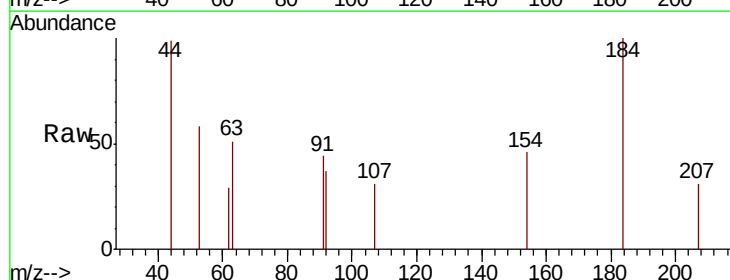
Instrument :
 BNA_N
 ClientSampled :

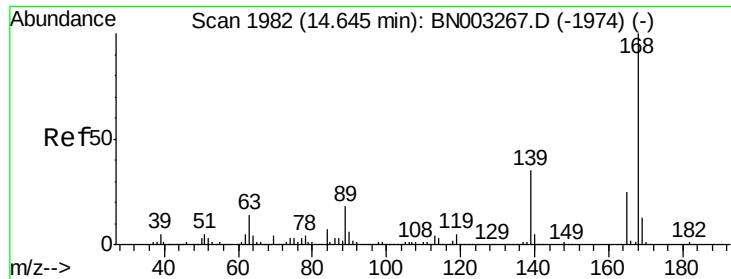
Tot Ion:138 Resp: 18393
 Ion Ratio Lower Upper
 138 100
 108 8.3 8.4 12.6#
 92 105.7 89.6 134.4



#54
 2,4-Dinitrophenol
 Concen: 7.496 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. 0.07 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:184 Resp: 3228
 Ion Ratio Lower Upper
 184 100
 63 51.4 49.0 73.4
 154 46.1 44.2 66.2





#55

Dibenzenofuran

Concen: 4.874 ng

RT: 14.65 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

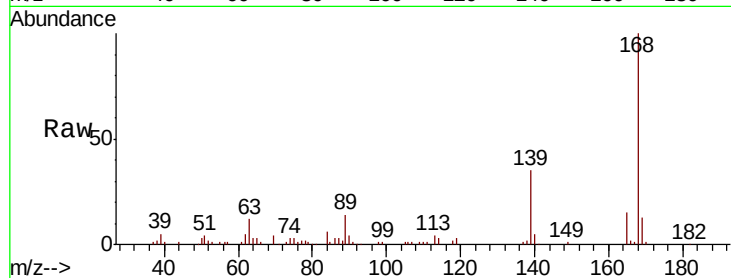
Tot Ion:168 Resp: 129529

Ion Ratio Lower Upper

168 100

139 34.7 28.5 42.7

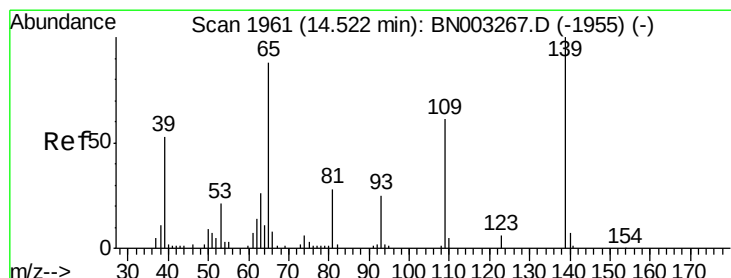
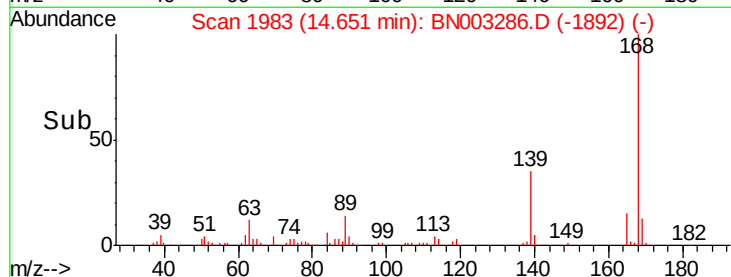
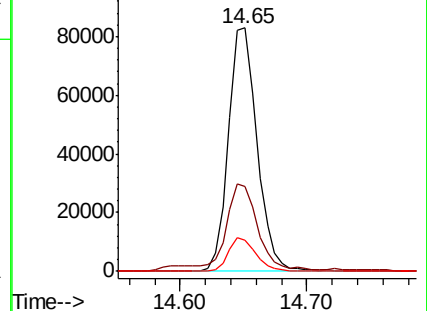
169 12.8 10.3 15.5



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: 18.851 ng

RT: 14.65 min Scan# 1982

Delta R.T. 0.12 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

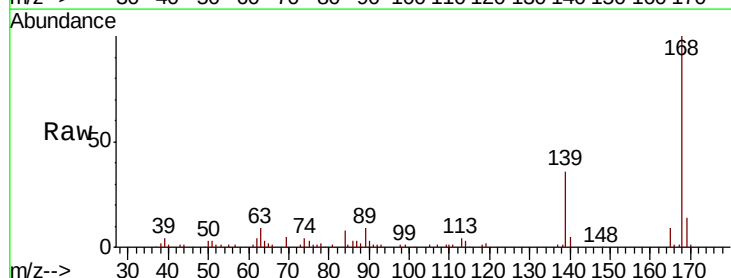
Tgt Ion:139 Resp: 55429

Ion Ratio Lower Upper

139 100

109 3.5 40.7 80.7#

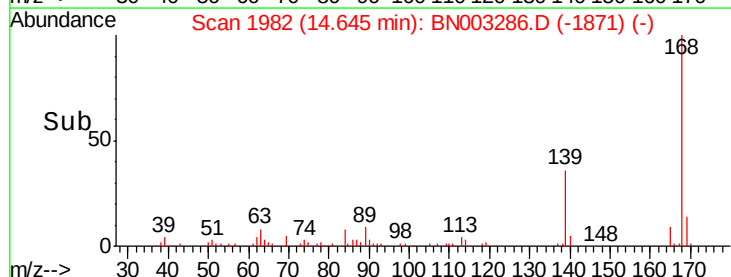
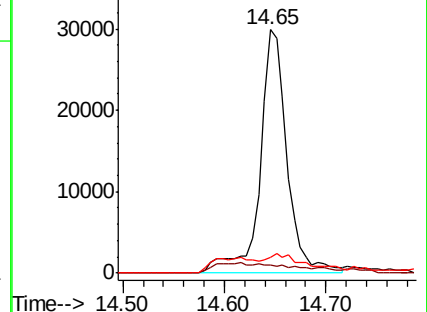
65 6.6 68.0 108.0#

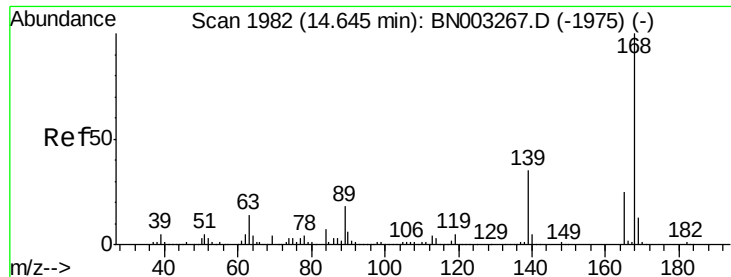


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

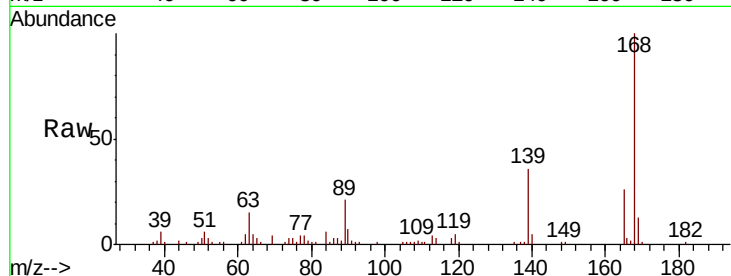




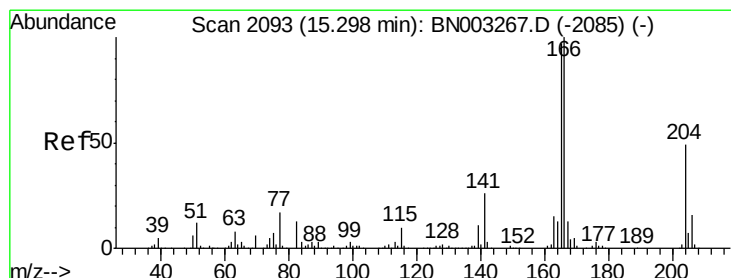
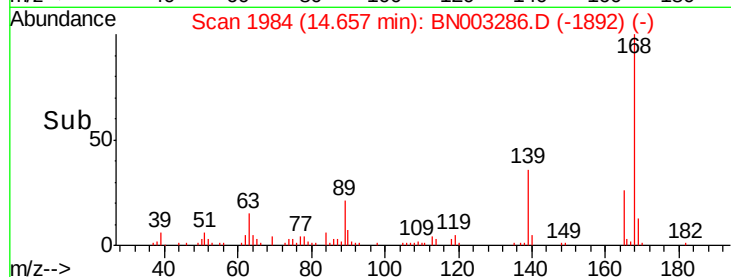
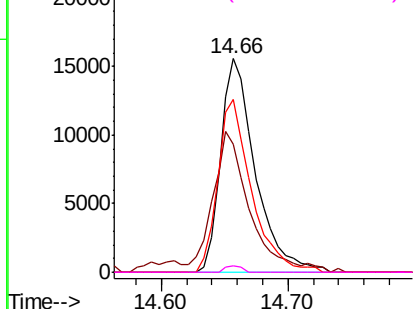
#57
2,4-Dinitrotoluene
Concen: 4.360 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 29515
Ion Ratio Lower Upper
165 100
63 59.8 45.8 68.6
89 80.8 58.7 88.1
182 3.3 2.3 3.5

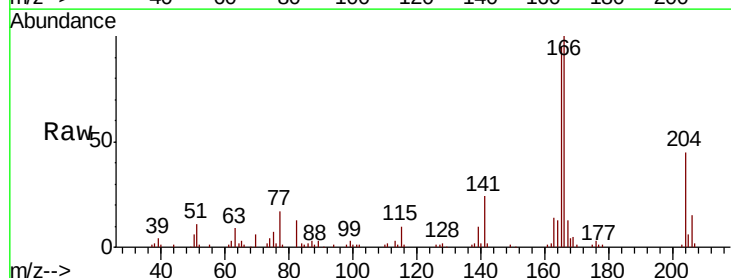


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

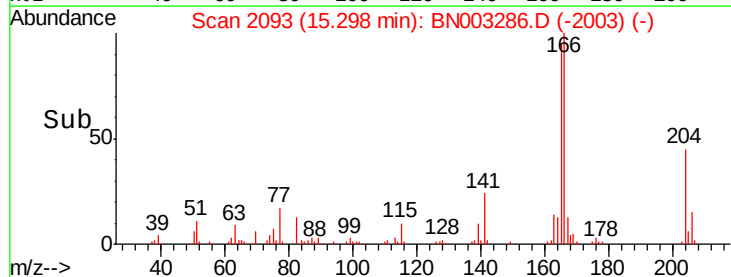
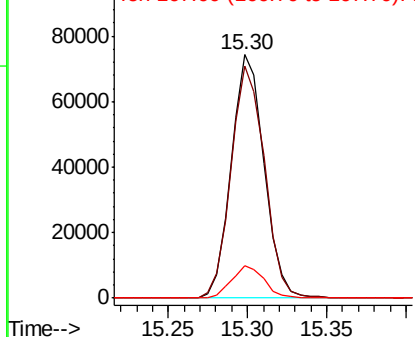


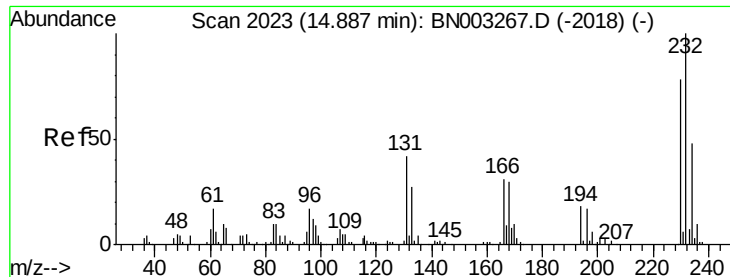
#58
Fluorene
Concen: 5.189 ng
RT: 15.30 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:166 Resp: 106426
Ion Ratio Lower Upper
166 100
165 95.2 77.6 116.4
167 13.4 10.6 16.0



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: 4.666 ng

RT: 14.90 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 24302

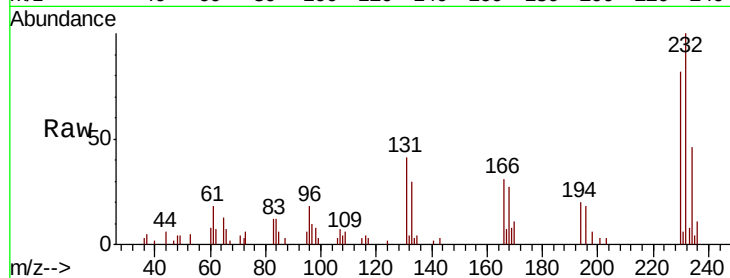
Ion Ratio Lower Upper

232 100

131 39.9 33.7 50.5

130 0.0 1.6 2.4#

166 28.7 24.3 36.5

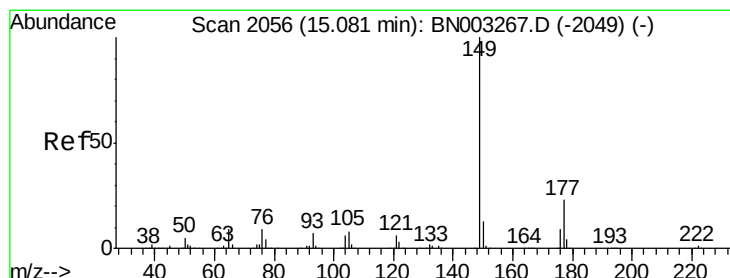
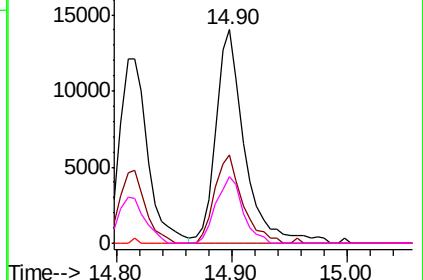
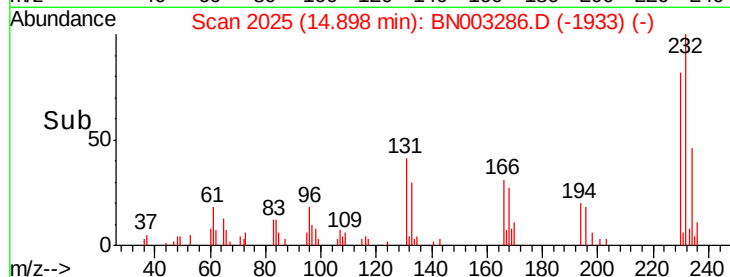


Abundance Ion 232.00 (231.70 to 232.70): E

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: 4.792 ng

RT: 15.07 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

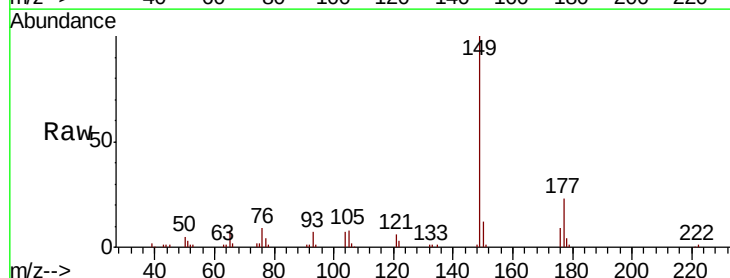
Tgt Ion:149 Resp: 106970

Ion Ratio Lower Upper

149 100

177 22.8 18.6 28.0

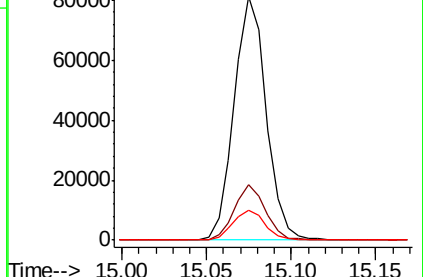
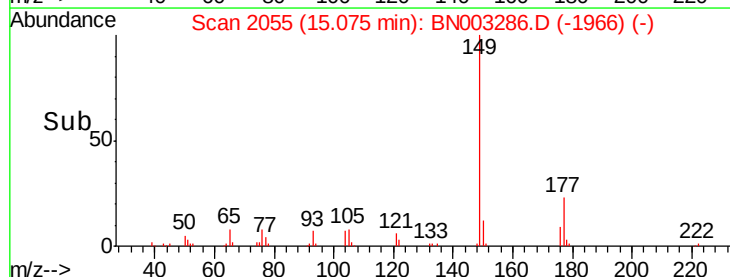
150 12.3 10.0 15.0

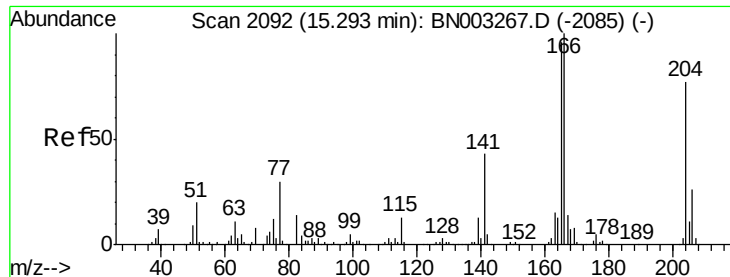


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 4.670 ng

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

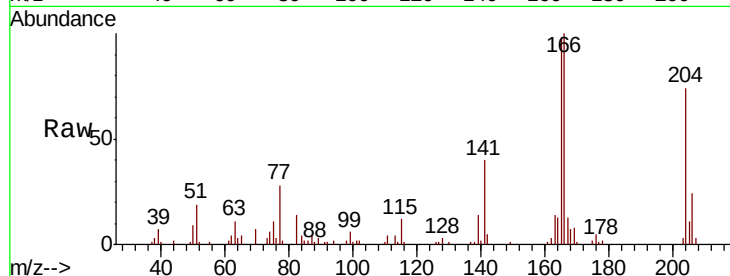
Tot Ion:204 Resp: 53207

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

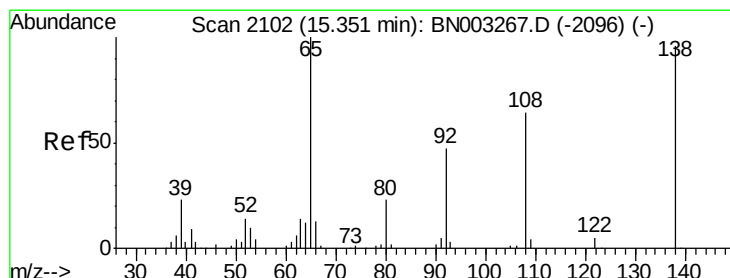
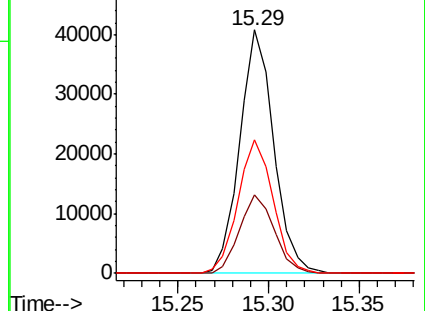
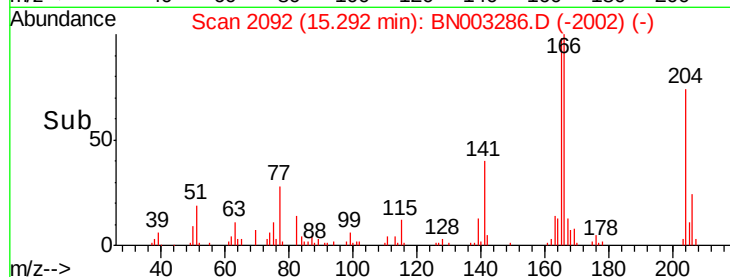
141 54.6 44.6 67.0



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: 3.566 ng

RT: 15.37 min Scan# 2105

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

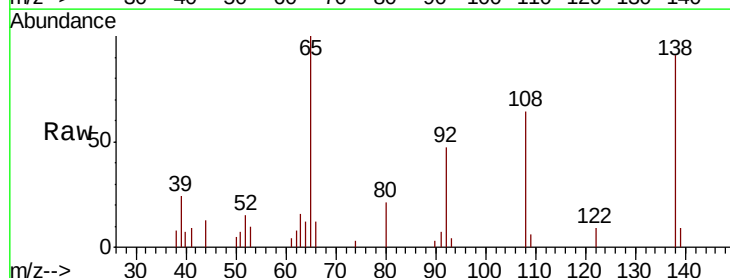
Tgt Ion:138 Resp: 18596

Ion Ratio Lower Upper

138 100

92 51.5 27.9 67.9

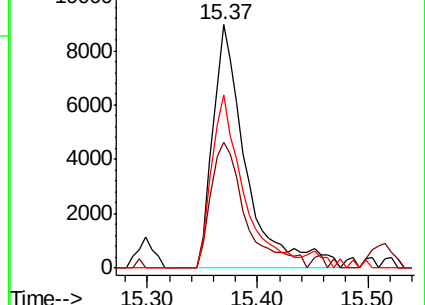
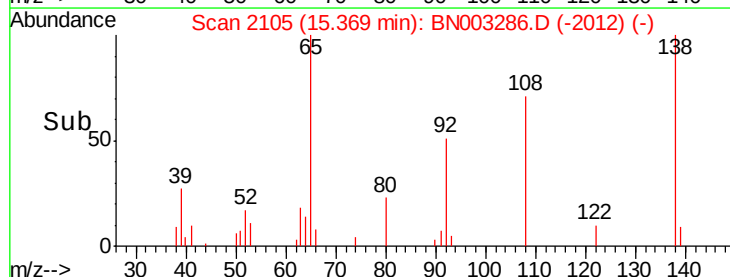
108 71.0 46.3 86.3

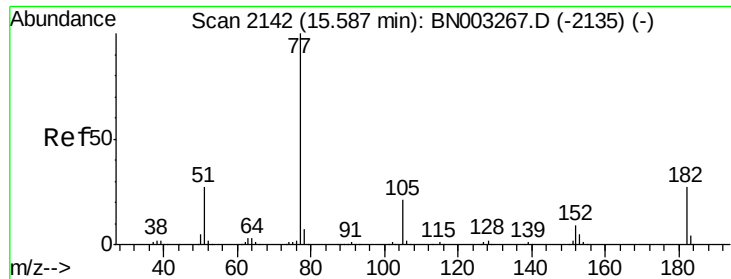


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

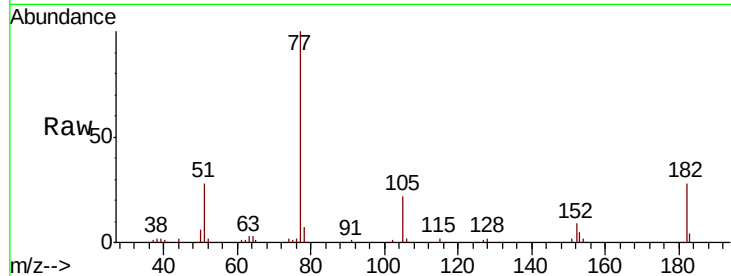




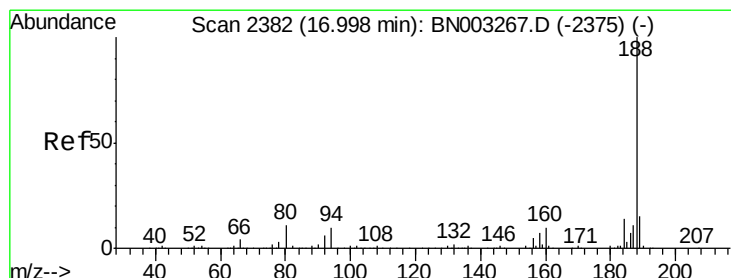
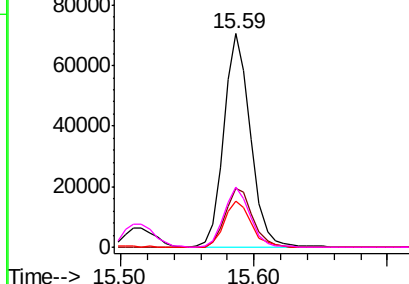
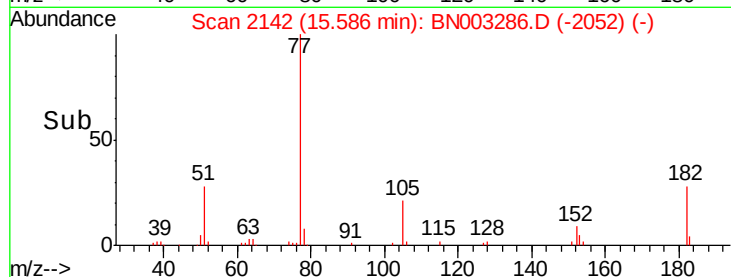
#63
Azobenzene
Concen: 4.822 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion: 77 Resp: 99490
Ion Ratio Lower Upper
77 100
182 27.5 6.5 46.5
105 21.8 1.0 41.0
51 28.2 7.0 47.0

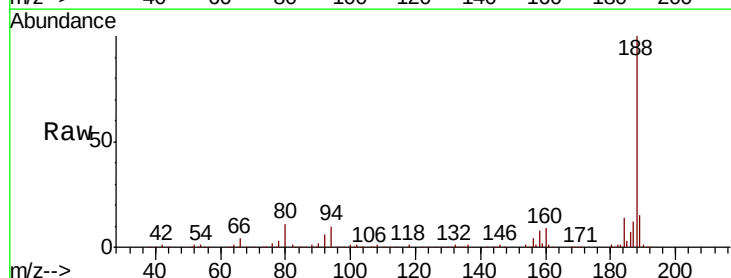


Abundance Ion 77.00 (76.70 to 77.70): BN
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BN

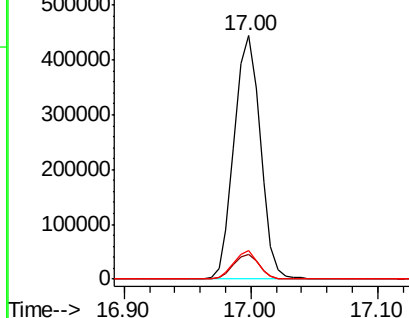
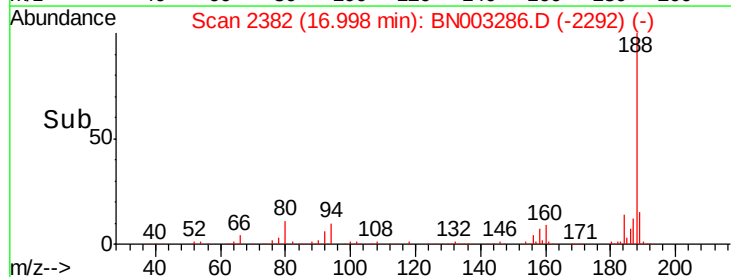


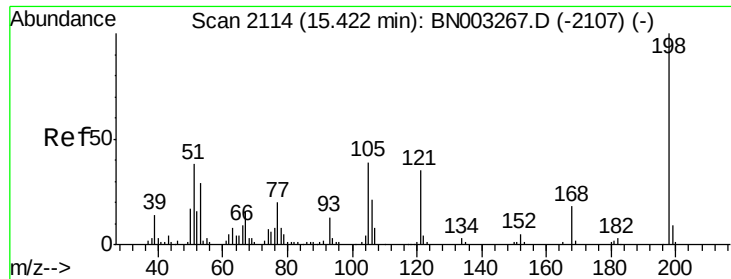
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion: 188 Resp: 638934
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BN
Ion 80.00 (79.70 to 80.70): BN

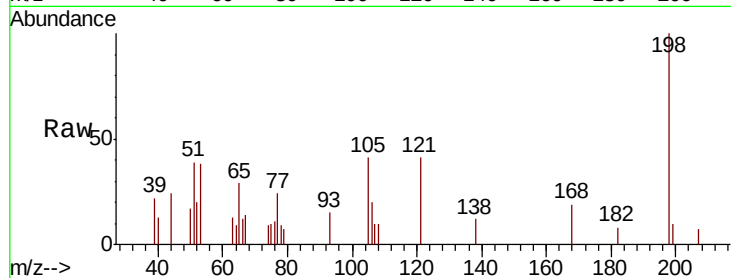




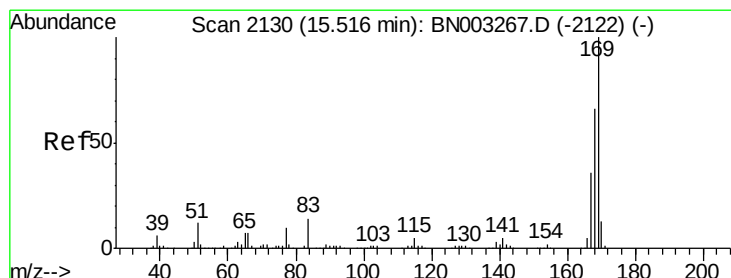
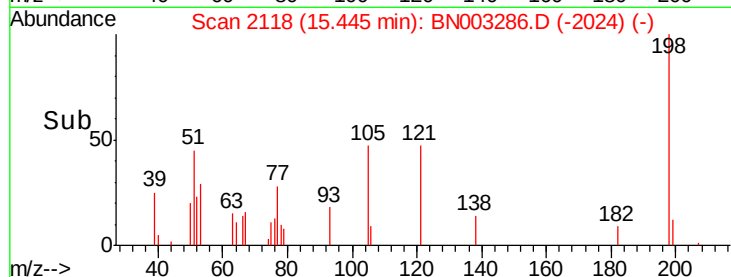
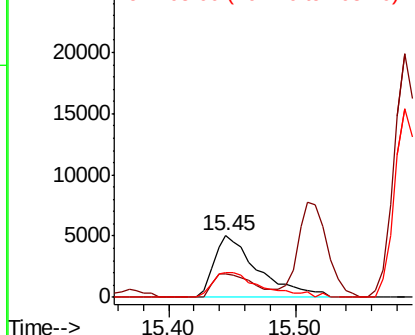
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.719 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. 0.02 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 12124
 Ion Ratio Lower Upper
 198 100
 51 39.1 19.2 59.2
 105 40.5 18.9 58.9

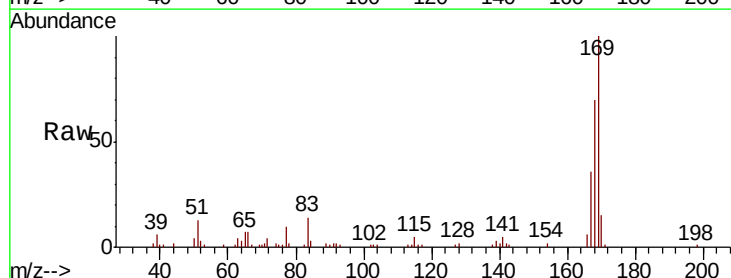


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

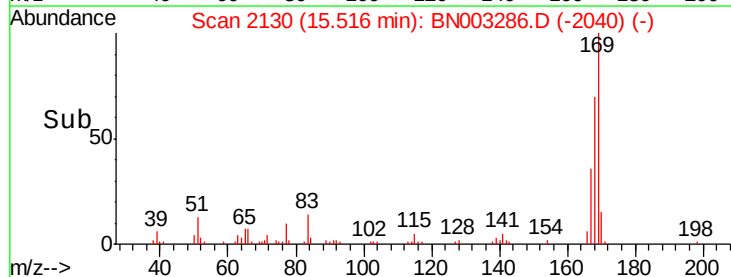
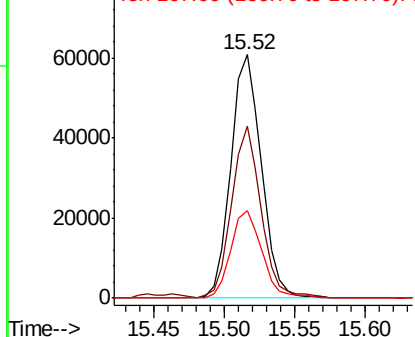


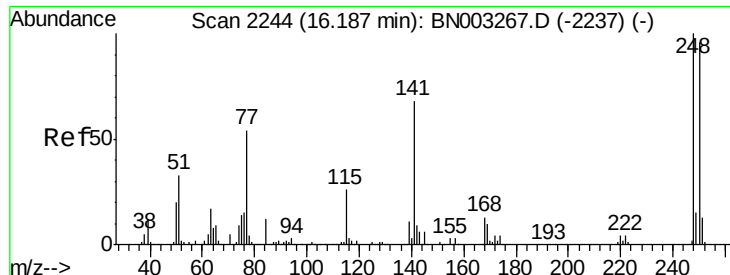
#66
 n-Nitrosodiphenylamine
 Concen: 4.579 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:169 Resp: 91592
 Ion Ratio Lower Upper
 169 100
 168 70.4 53.3 79.9
 167 36.1 28.6 43.0



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

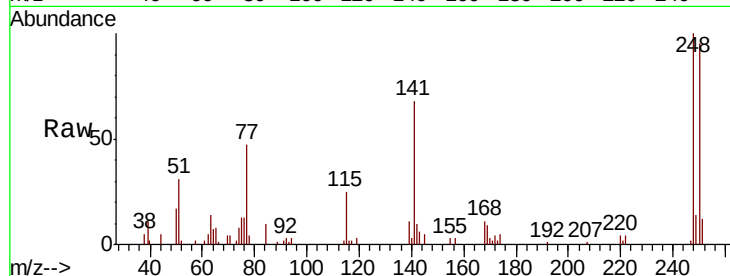




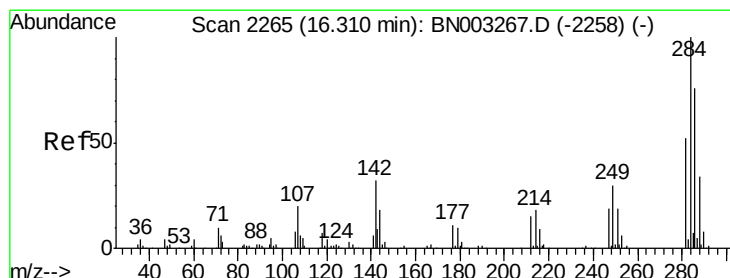
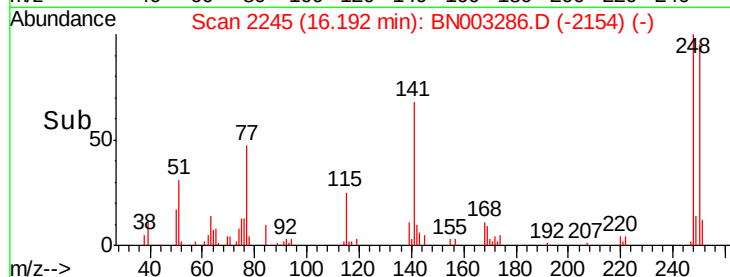
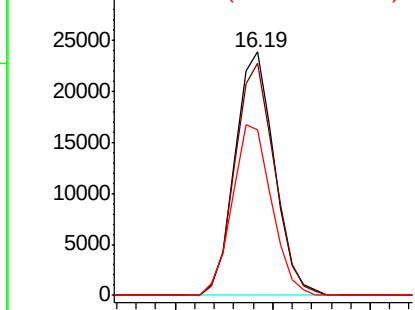
#67
4-Bromophenyl-phenylether
Concen: 4.632 ng
RT: 16.19 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 33330
Ion Ratio Lower Upper
248 100
250 95.3 76.4 114.6
141 67.8 54.2 81.4

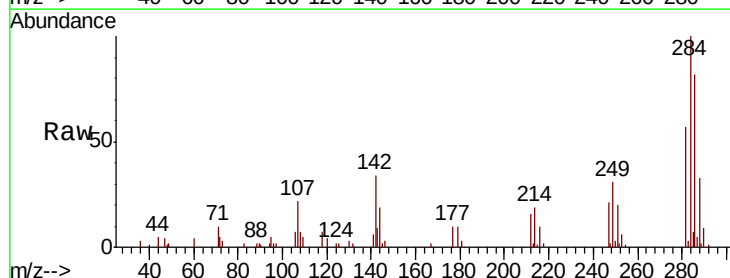


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

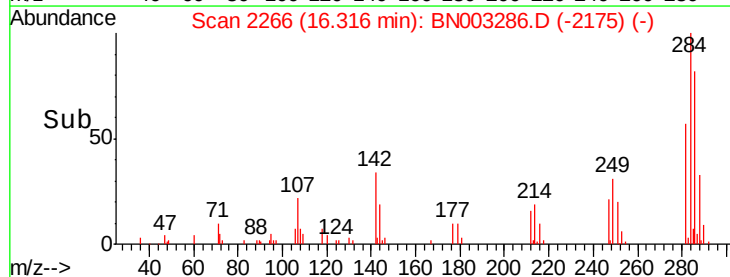
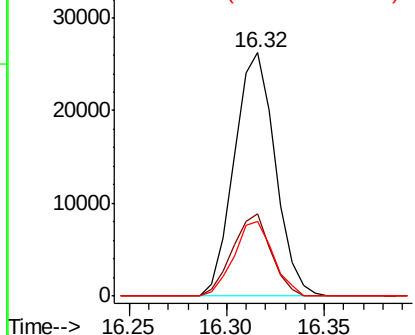


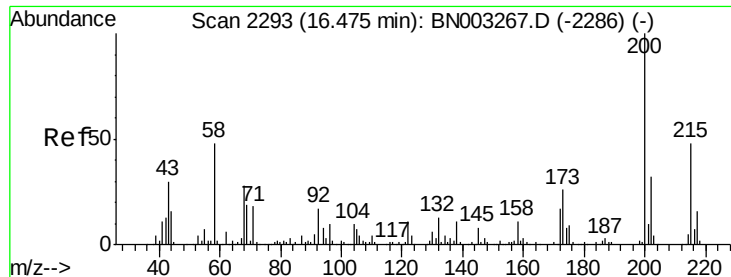
#68
Hexachlorobenzene
Concen: 4.648 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:284 Resp: 38100
Ion Ratio Lower Upper
284 100
142 33.9 25.6 38.4
249 30.8 23.6 35.4



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

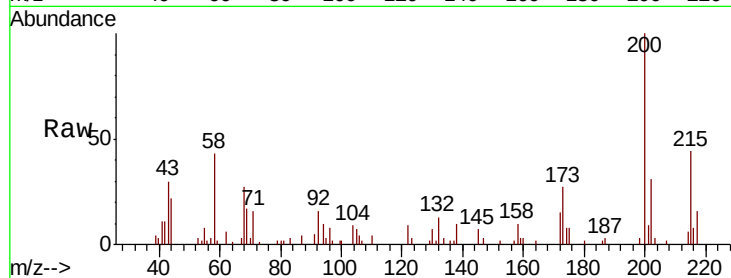




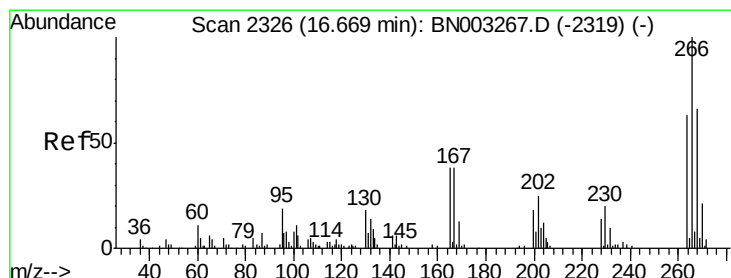
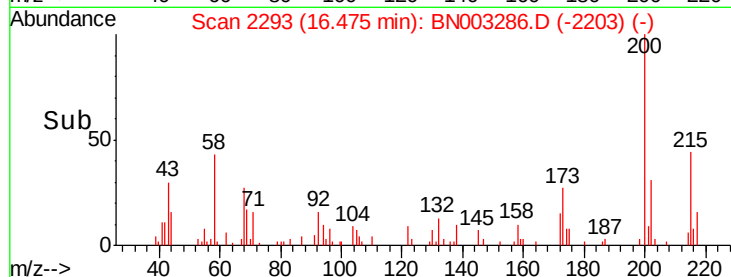
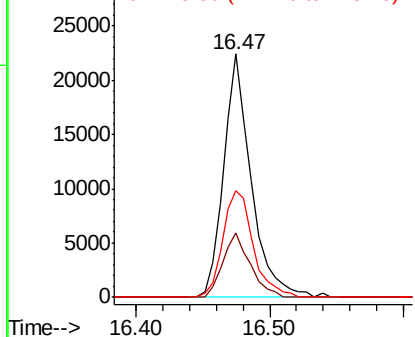
#69
Atrazine
Concen: 4.597 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:200 Resp: 32586
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 43.9 27.6 67.6

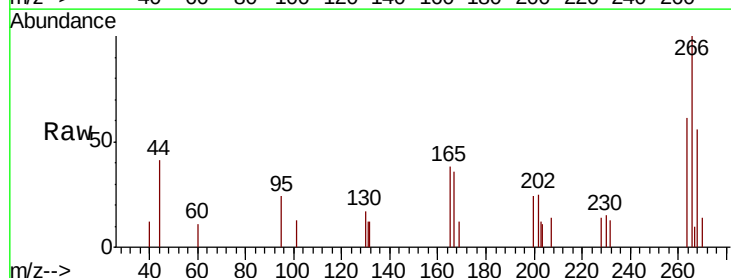


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

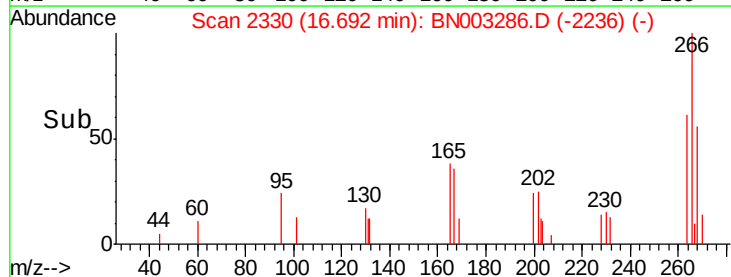
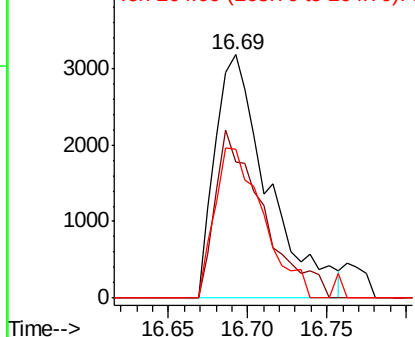


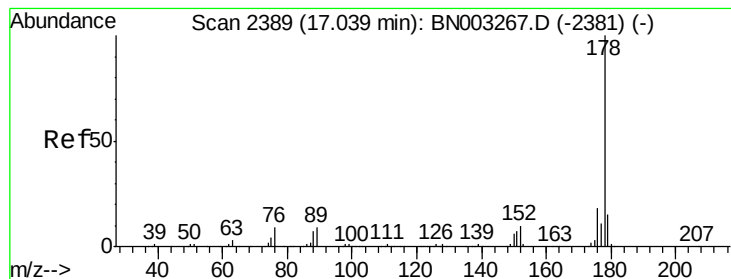
#70
Pentachlorophenol
Concen: 8.176 ng
RT: 16.69 min Scan# 2330
Delta R.T. 0.02 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:266 Resp: 7412
Ion Ratio Lower Upper
266 100
268 55.7 52.5 78.7
264 60.9 50.3 75.5



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: 5.177 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

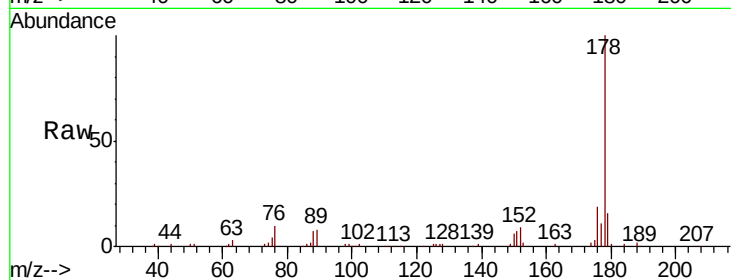
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 173895

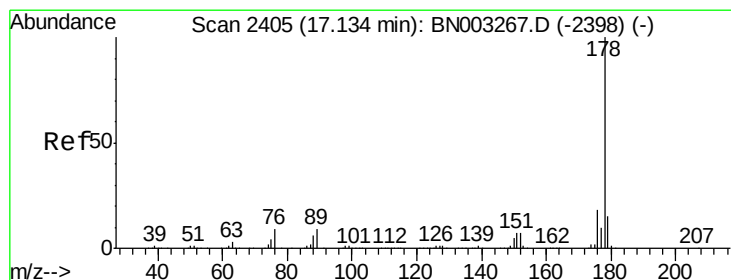
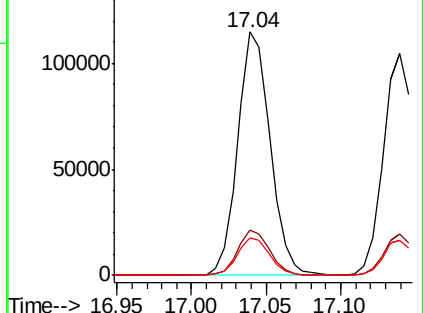
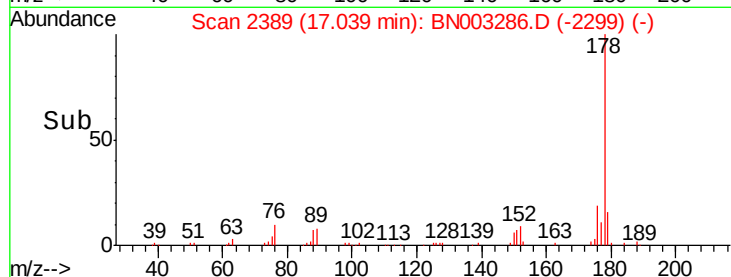
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	15.6	12.2	18.4



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: 5.177 ng

RT: 17.14 min Scan# 2406

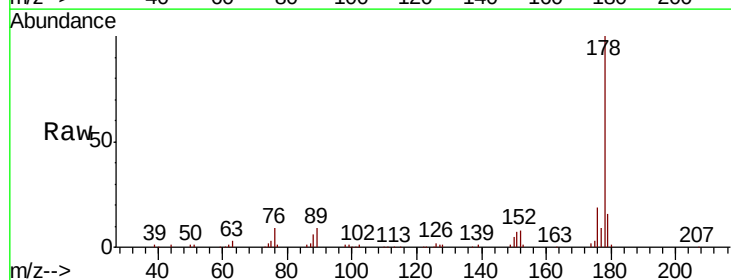
Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Tgt Ion:178 Resp: 173532

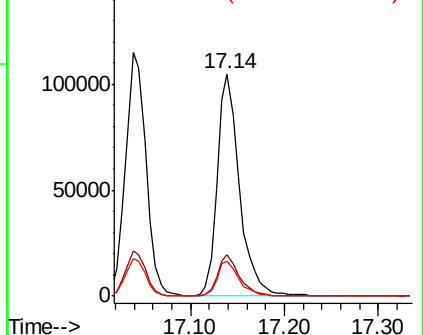
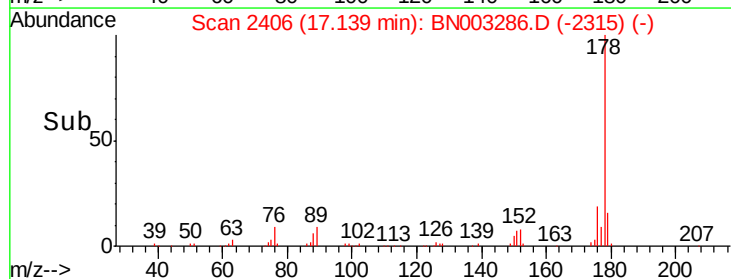
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.3	21.5
179	15.6	12.1	18.1

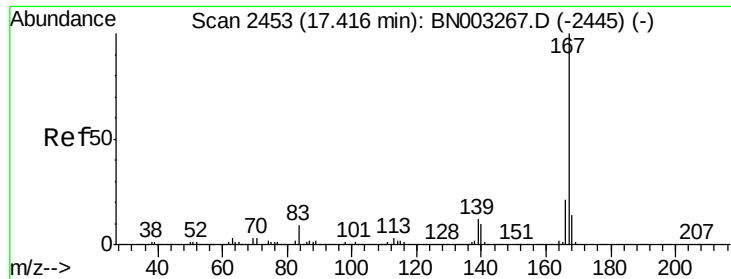


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

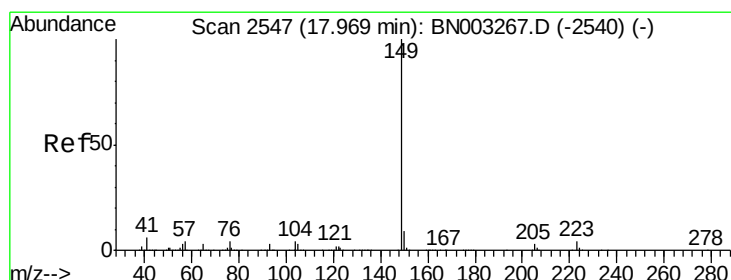
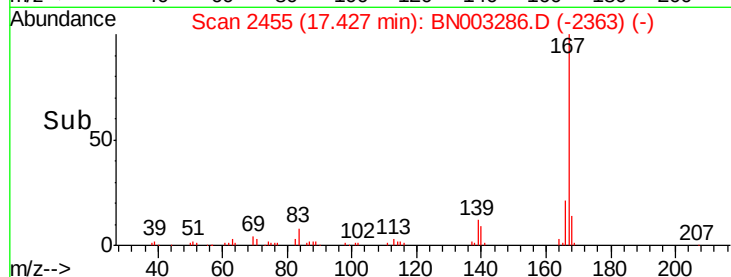
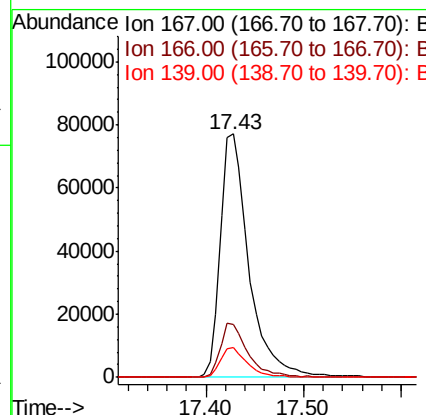
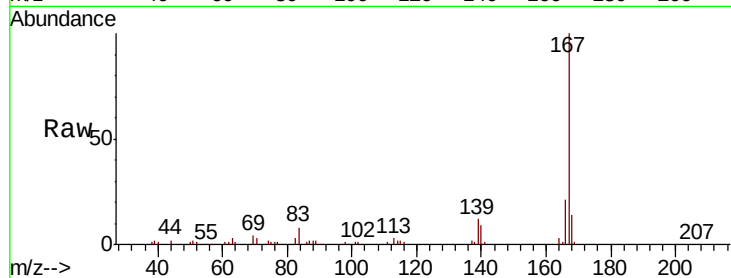




#73
 Carbazole
 Concen: 4.519 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

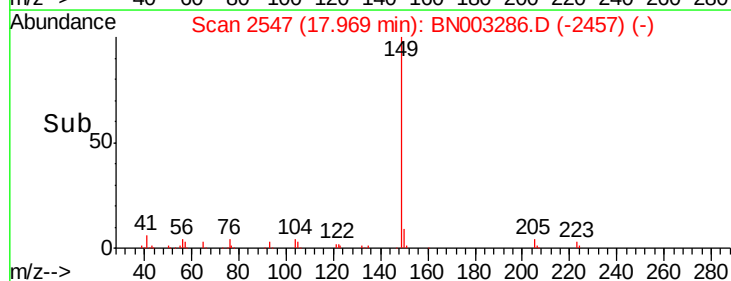
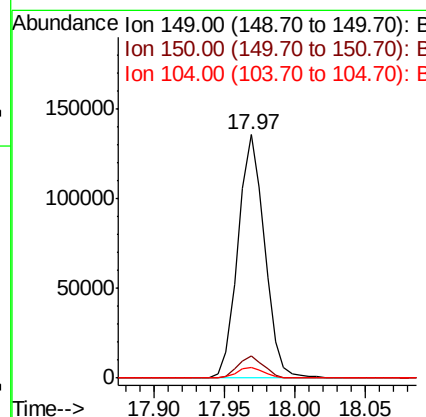
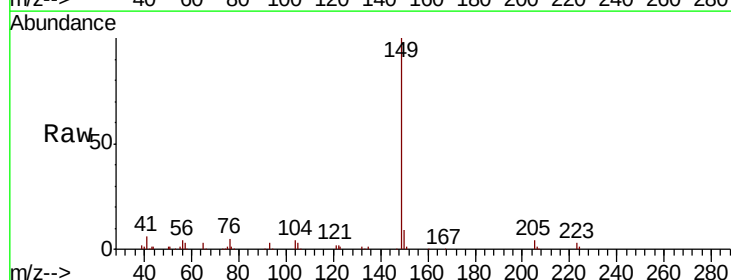
Instrument :
 BNA_N
 ClientSampled :

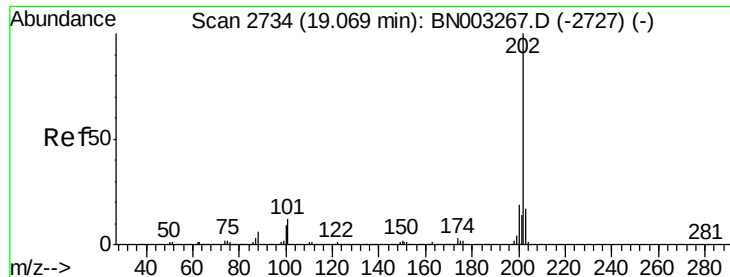
Tot Ion:167 Resp: 156861
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.1 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 4.389 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:149 Resp: 177693
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 5.135 ng

RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BN003286.D

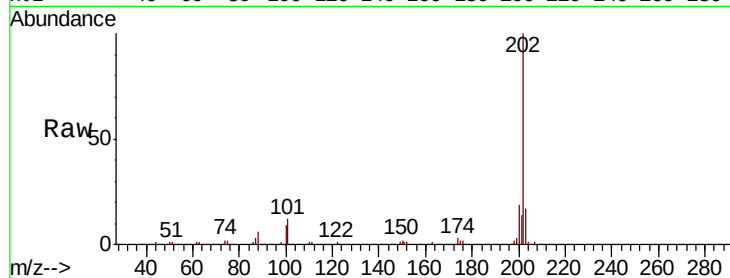
Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	203215
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.3
203	16.7	0.0	37.4

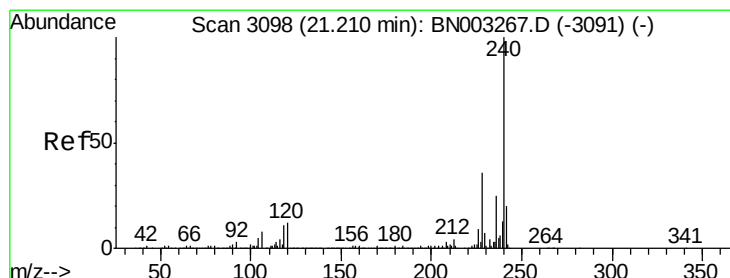
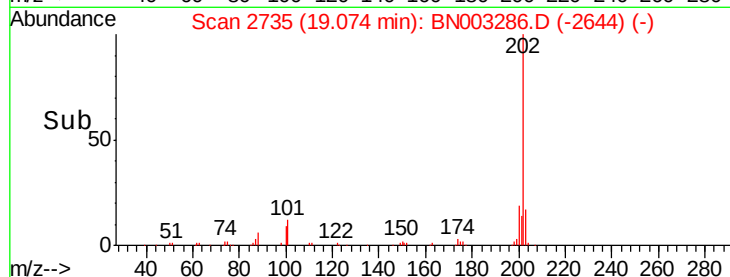
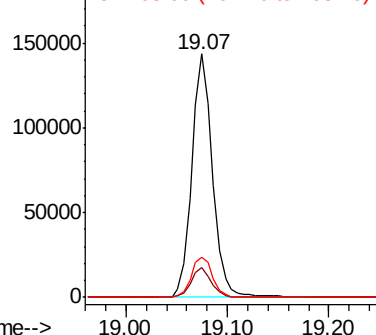


Abundance

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

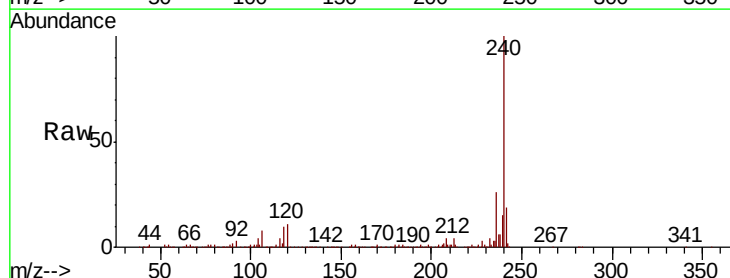
RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Tgt Ion:	240	Resp:	725289
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.0
236	26.0	20.3	30.5

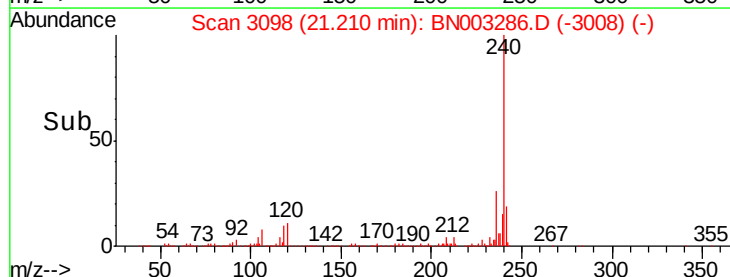
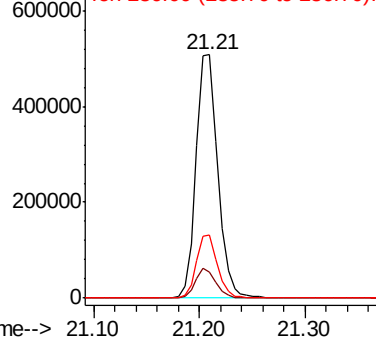


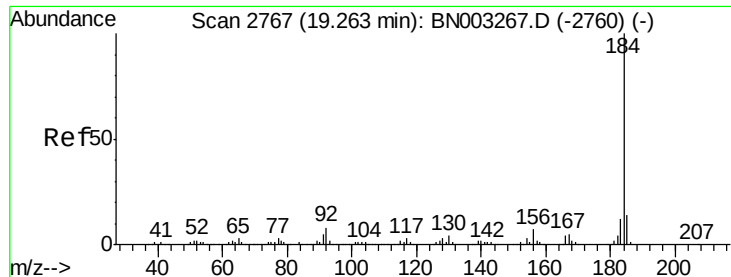
Abundance

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: 2.341 ng

RT: 19.29 min Scan# 2771

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

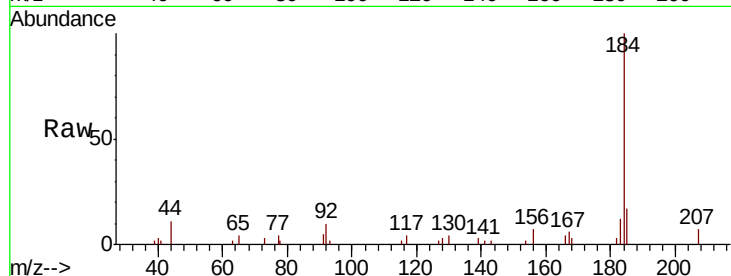
Tot Ion:184 Resp: 49717

Ion Ratio Lower Upper

184 100

185 16.9 11.5 17.3

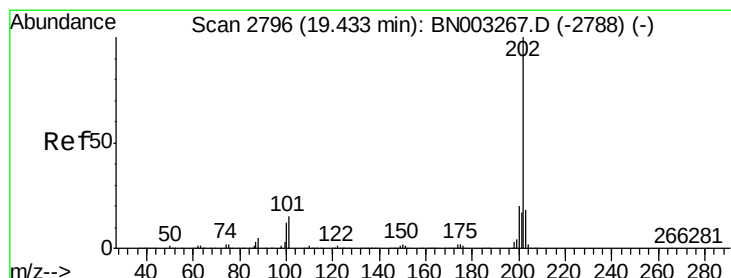
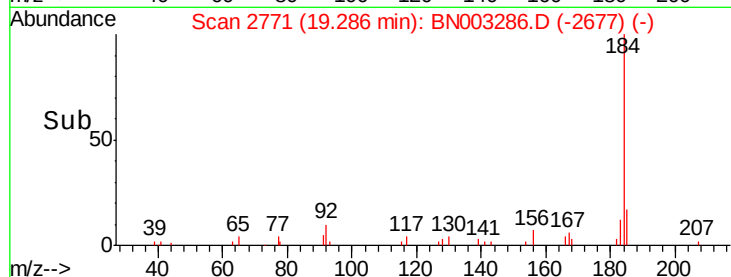
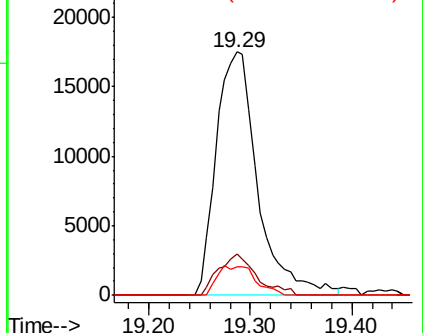
183 11.9 9.4 14.0



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: 4.912 ng

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

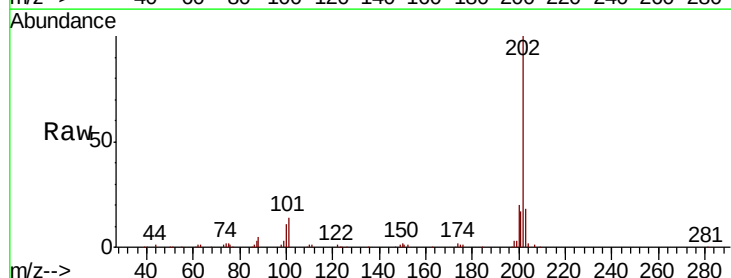
Tgt Ion:202 Resp: 209386

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

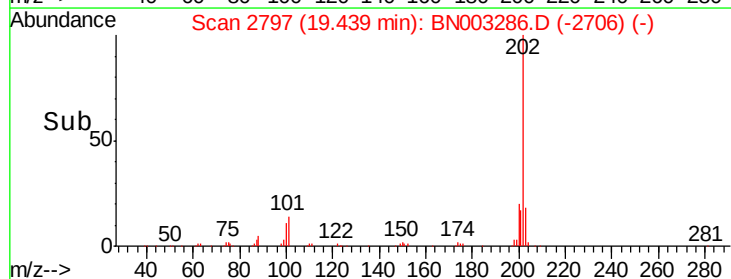
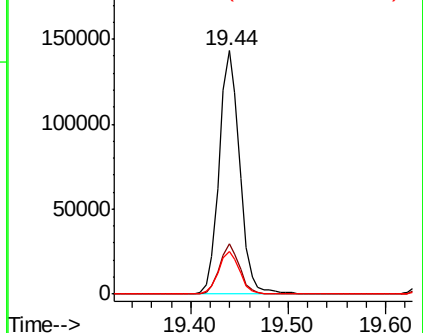
203 17.8 14.3 21.5

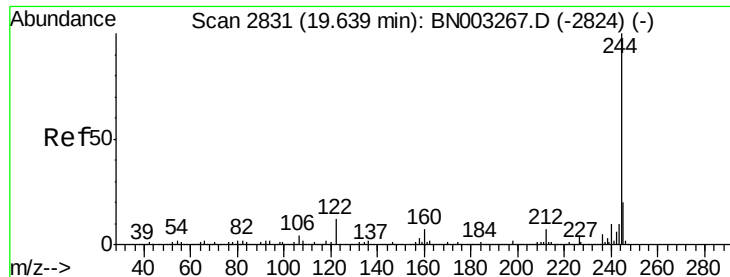


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.946 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

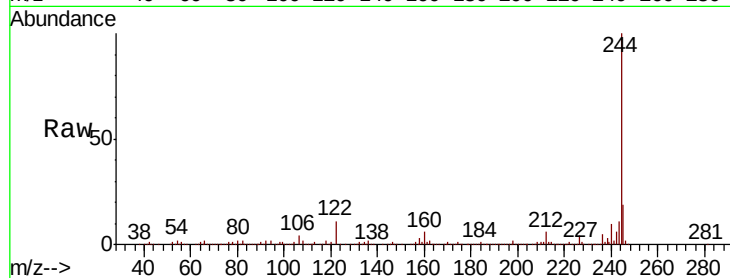
Tot Ion:244 Resp: 2575716

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

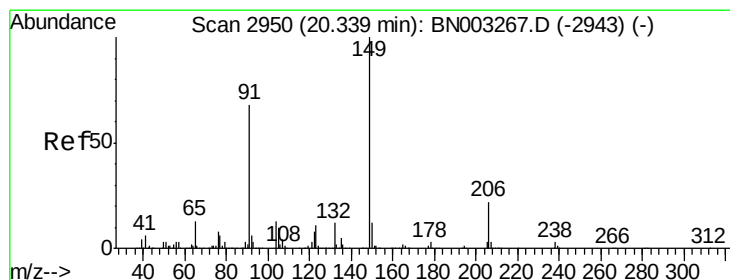
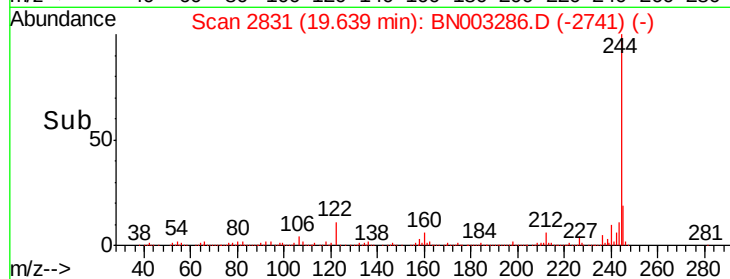
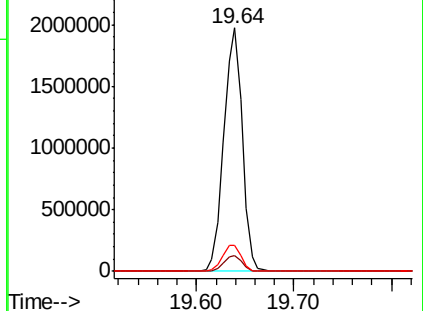
122 10.9 9.4 14.2



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: 4.220 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

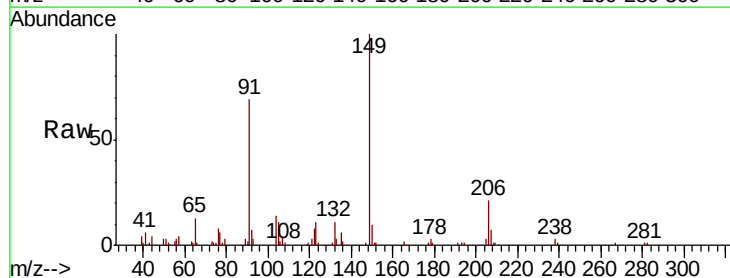
Tgt Ion:149 Resp: 83536

Ion Ratio Lower Upper

149 100

91 69.4 54.6 81.8

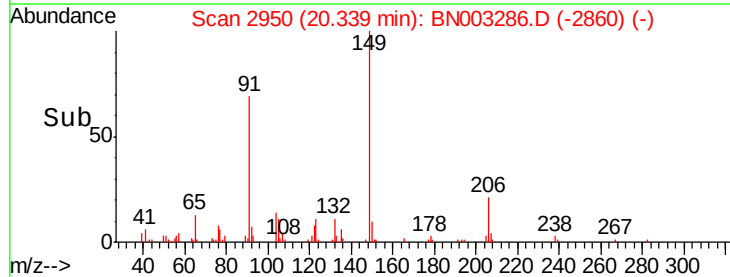
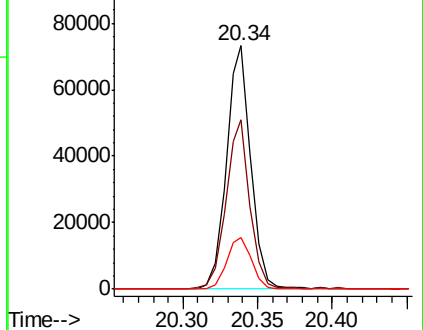
206 21.3 17.8 26.6

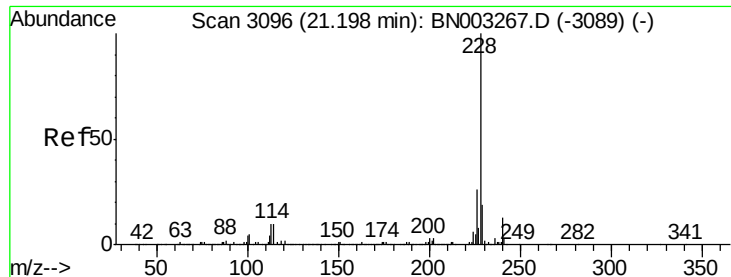


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.132 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

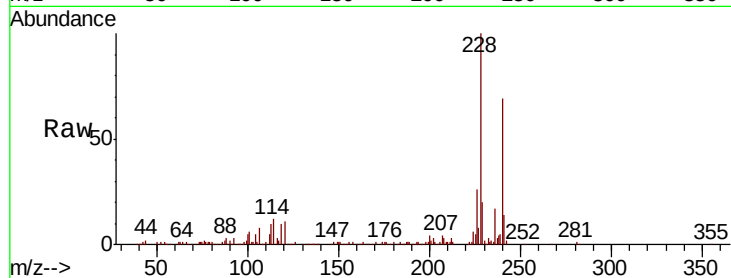
Tot Ion:228 Resp: 216758

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.8	31.2
229	19.8	15.3	22.9

228 100

226 26.0 20.8 31.2

229 19.8 15.3 22.9

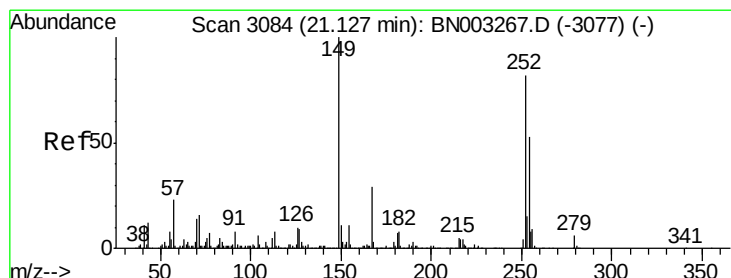
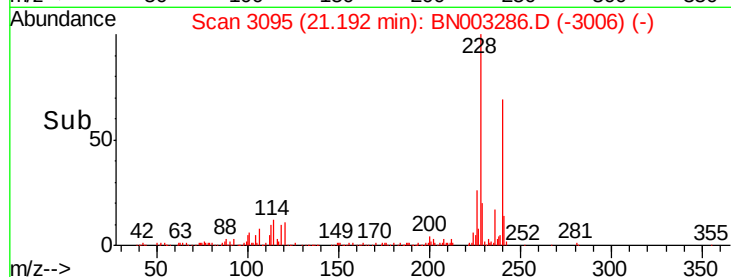
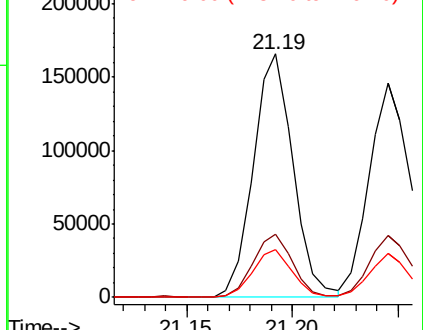


Abundance

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: 3.786 ng

RT: 21.13 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

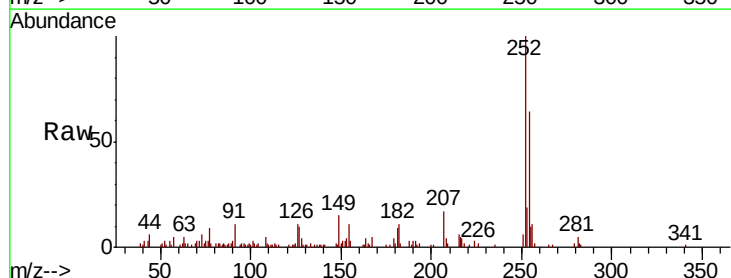
Tgt Ion:252 Resp: 66177

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	11.0	9.3	13.9

252 100

254 64.5 51.1 76.7

126 11.0 9.3 13.9

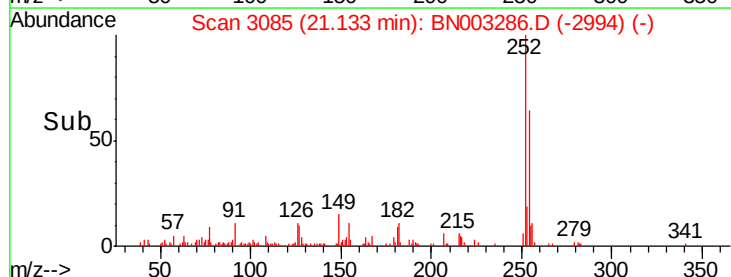
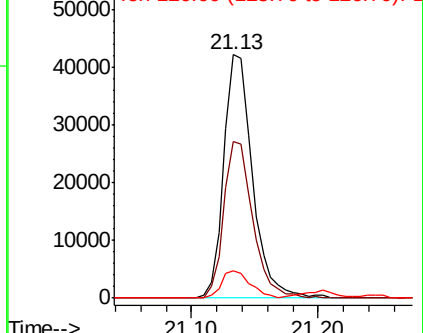


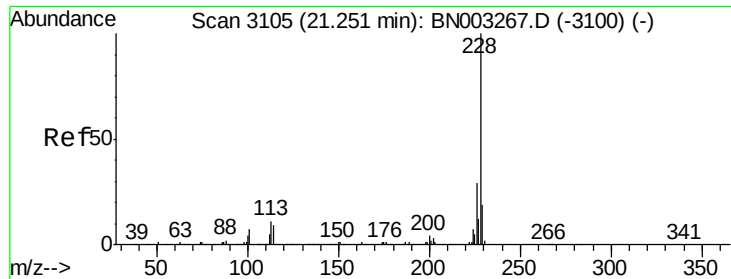
Abundance

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

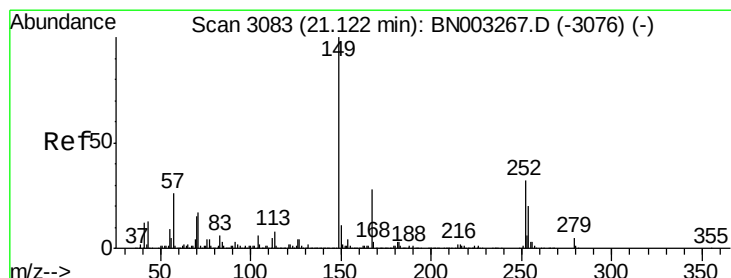
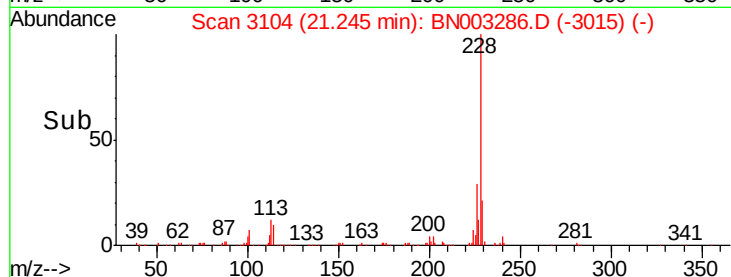
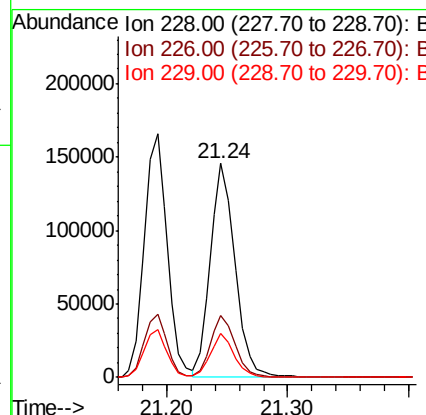
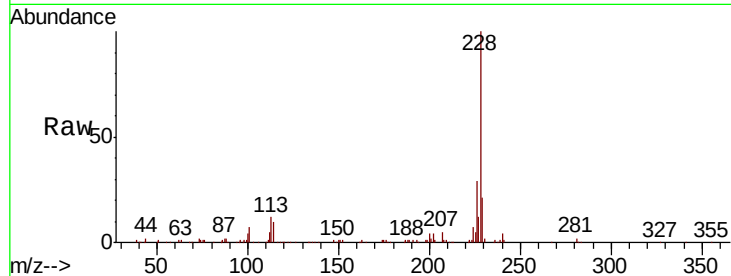




#83
 Chrysene
 Concen: 5.081 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

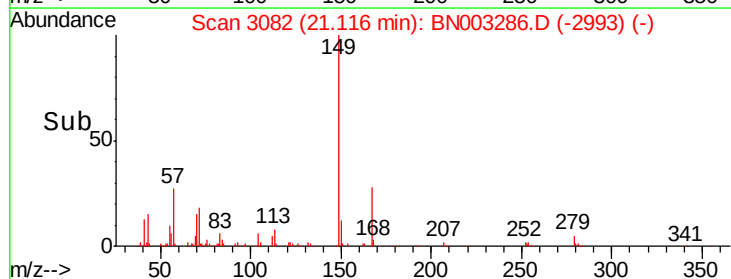
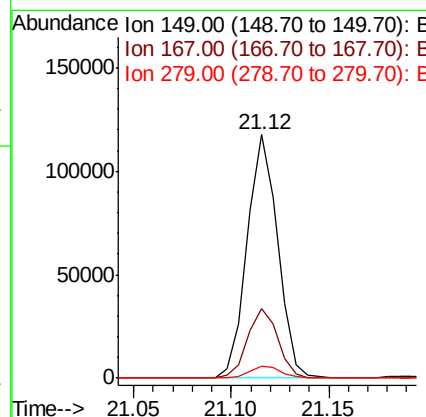
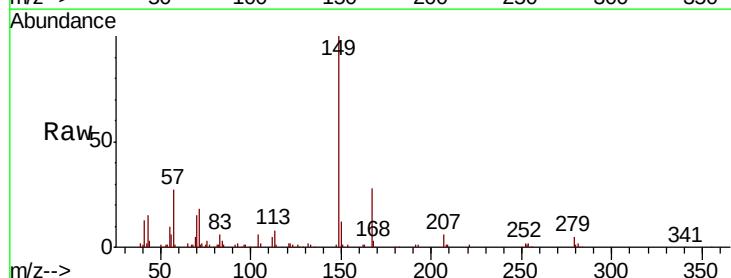
Instrument :
 BNA_N
 ClientSampleId :

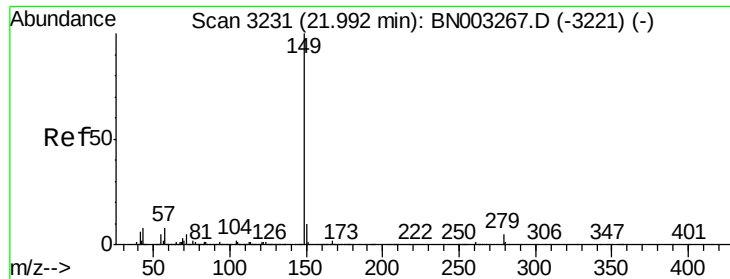
Tot Ion:228 Resp: 206324
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.3 34.9
 229 20.8 15.3 22.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.351 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN003286.D
 Acq: 24 Oct 2018 23:49

Tgt Ion:149 Resp: 127731
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.6 33.8
 279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 4.558 ng

RT: 21.98 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampleId :

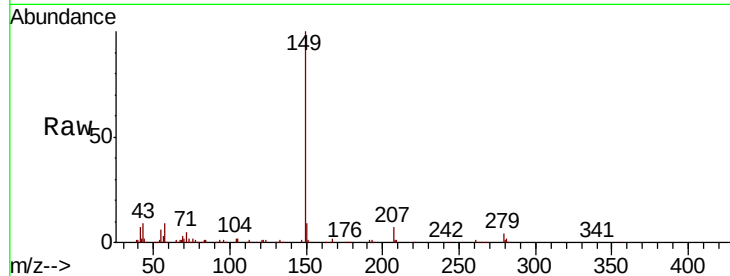
Tot Ion:149 Resp: 229591

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 6.9 10.3



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): BNO

250000

200000

150000

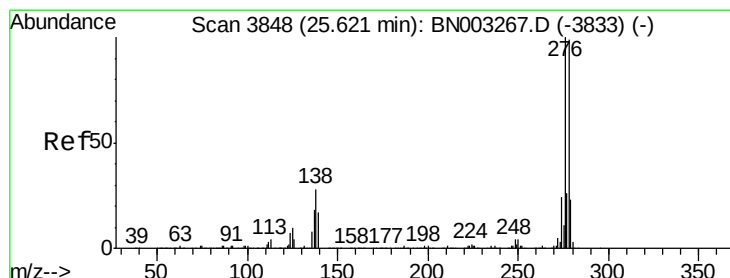
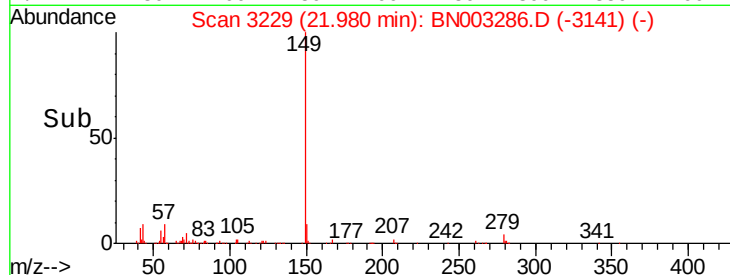
100000

50000

0

21.90 21.95 22.00 22.05

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.141 ng

RT: 25.62 min Scan# 3848

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

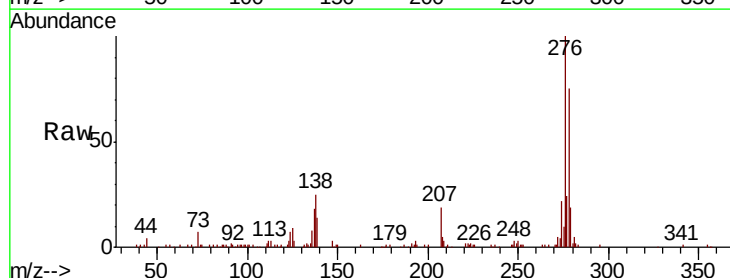
Tgt Ion:276 Resp: 239251

Ion Ratio Lower Upper

276 100

138 26.3 21.2 31.8

277 24.9 20.2 30.4



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

100000

80000

60000

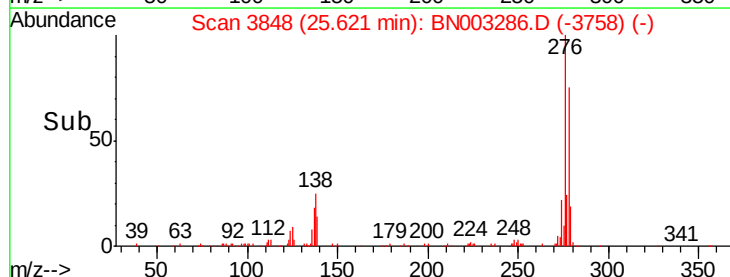
40000

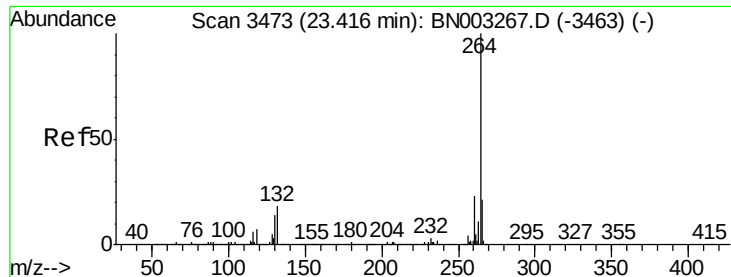
20000

0

25.60 25.62 25.64 25.66 25.68 25.70

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

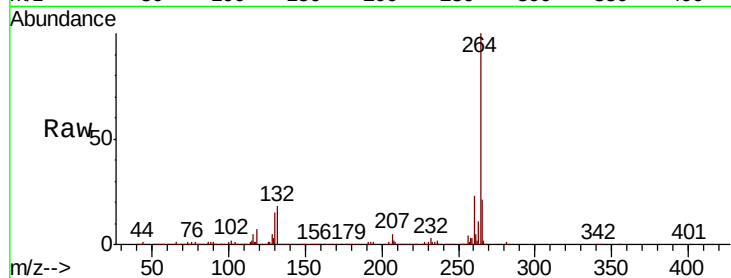
Tot Ion:264 Resp: 757836

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

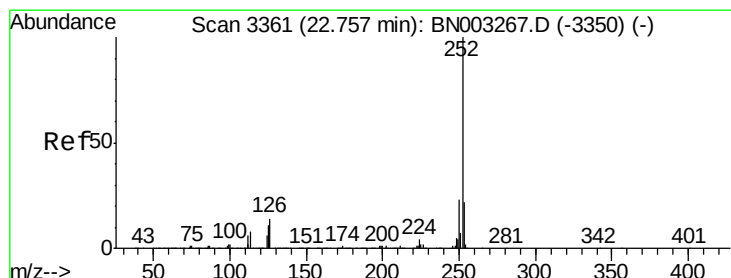
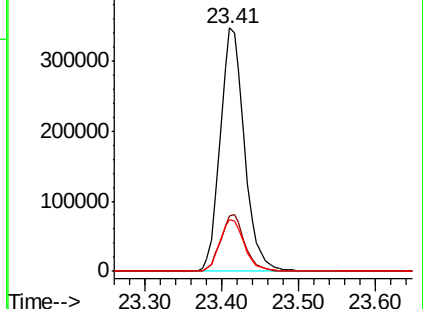
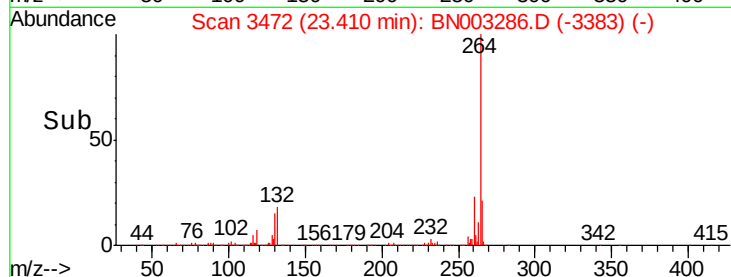
265 21.3 16.6 25.0



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: 5.163 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

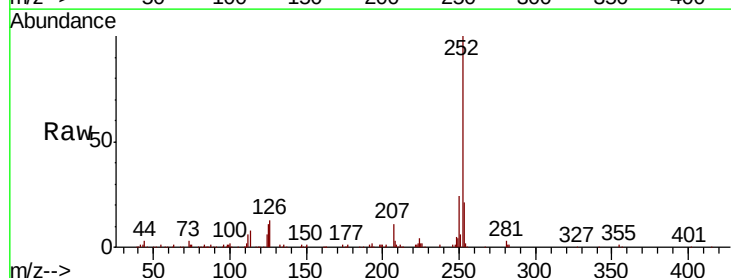
Tgt Ion:252 Resp: 215433

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

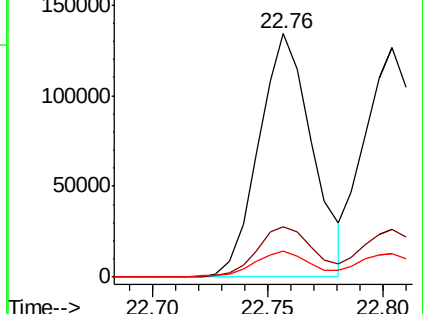
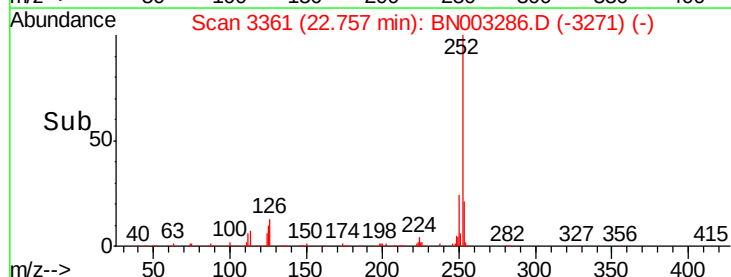
125 10.6 8.6 12.8

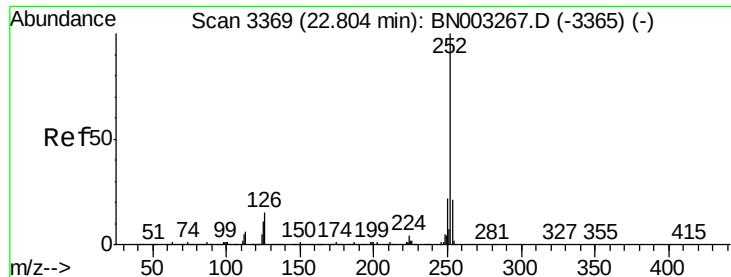


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

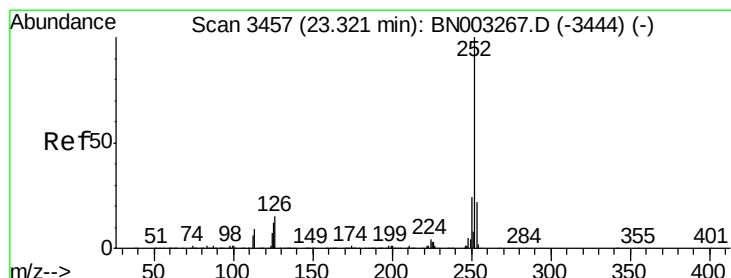
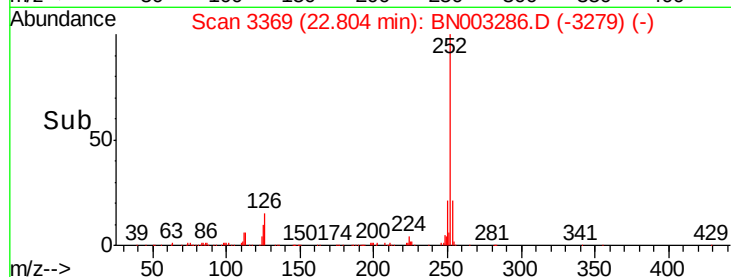
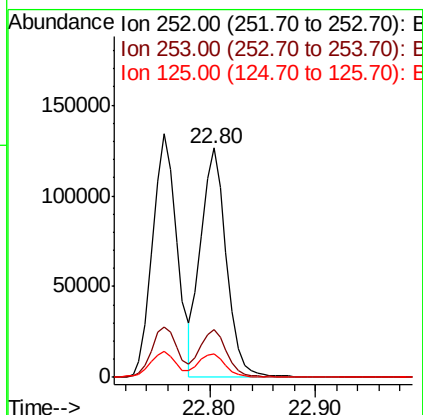
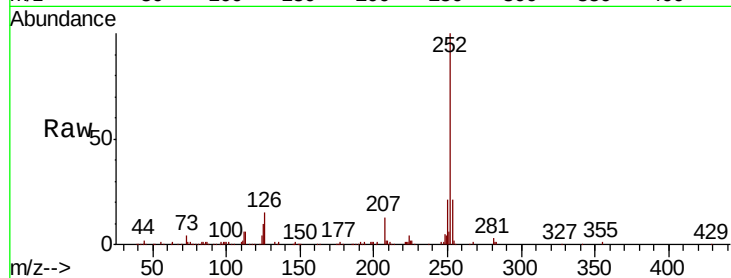




#89
Benzo(k)fluoranthene
Concen: 5.235 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

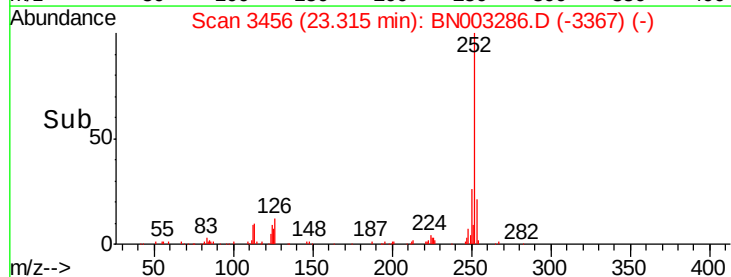
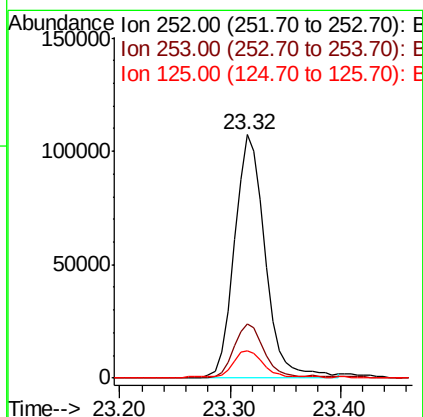
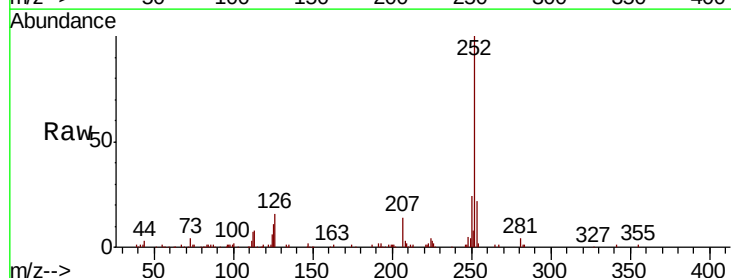
Instrument :
BNA_N
ClientSampleId :

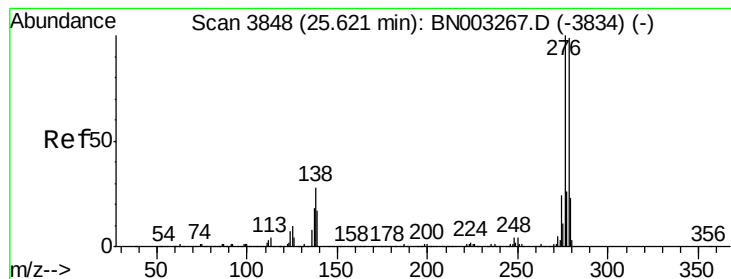
Tot Ion:252 Resp: 214221
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 10.4 8.7 13.1



#90
Benzo(a)pyrene
Concen: 5.273 ng
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN003286.D
Acq: 24 Oct 2018 23:49

Tgt Ion:252 Resp: 209698
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.1 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 5.037 ng

RT: 25.62 min Scan# 3848

Delta R.T. -0.00 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

Instrument :

BNA_N

ClientSampled :

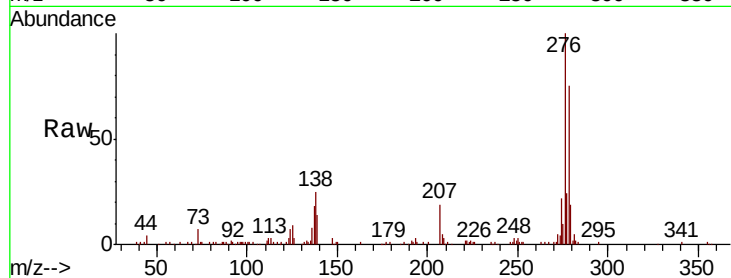
Tot Ion:278 Resp: 198260

Ion Ratio Lower Upper

278 100

139 18.4 13.9 20.9

279 24.7 19.0 28.6

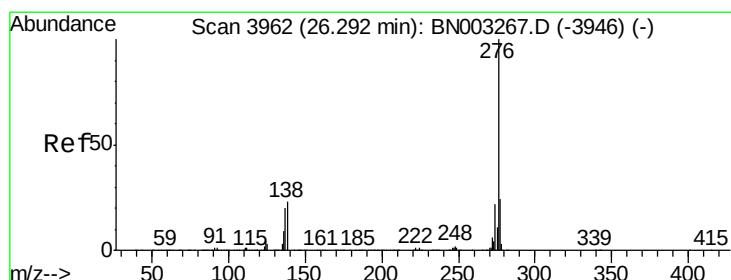
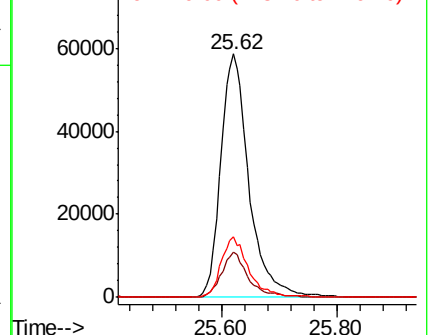
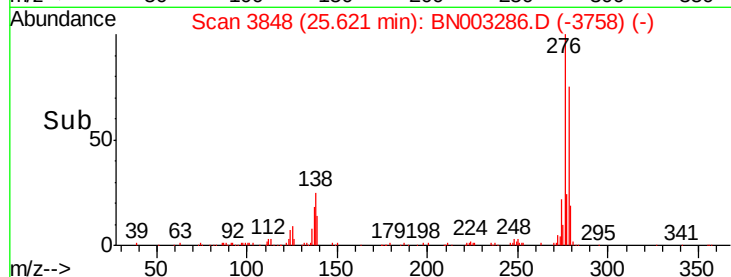


Abundance

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: 5.144 ng

RT: 26.31 min Scan# 3965

Delta R.T. 0.02 min

Lab File: BN003286.D

Acq: 24 Oct 2018 23:49

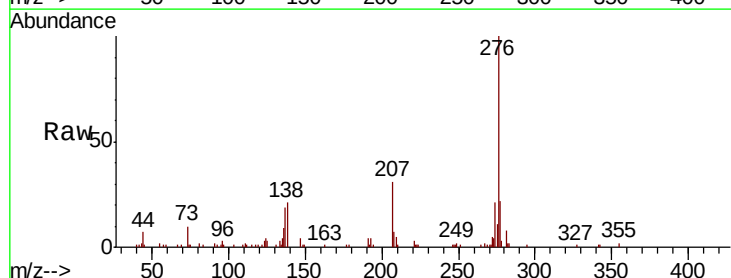
Tgt Ion:276 Resp: 194395

Ion Ratio Lower Upper

276 100

277 22.0 19.1 28.7

138 20.8 18.2 27.4



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

