

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003284.D
 Acq On : 24 Oct 2018 22:38
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 1PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 05:24:54 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	87048	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	404994	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	259351	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	617581	20.00	ng	0.00
76) Chrysene-d12	21.21	240	706210	20.00	ng	0.00
87) Perylene-d12	23.41	264	743760	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	715169	143.10	ng	0.00
7) Phenol-d6	6.80	99	974012	137.06	ng	0.00
23) Nitrobenzene-d5	8.76	82	582908	82.54	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	507702	145.38	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1578954	82.58	ng	0.00
79) Terphenyl-d14	19.64	244	2607226	78.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	3069	1.293	ng	# 72
3) Pyridine	3.69	79	1190	0.219	ng	# 62
4) n-Nitrosodimethylamine	3.57	42	935	0.468	ng	# 58
6) Aniline	6.95	93	6170	0.695	ng	# 88
8) 2-Chlorophenol	7.18	128	6053	0.983	ng	# 73
9) Benzaldehyde	6.79	77	5344	1.295	ng	# 66
10) Phenol	6.82	94	7366	0.982	ng	# 1
11) bis(2-Chloroethyl)ether	7.05	93	5577	0.910	ng	# 96
12) 1,3-Dichlorobenzene	7.50	146	7248	1.059	ng	# 90
13) 1,4-Dichlorobenzene	7.64	146	7042	0.999	ng	# 92
14) 1,2-Dichlorobenzene	7.64	146	7042	1.030	ng	# 95
15) Benzyl Alcohol	7.91	79	11914	2.326	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.14	45	9117	1.015	ng	# 86
17) 2-Methylphenol	8.08	107	4717	0.920	ng	# 83
18) Hexachloroethane	8.66	117	2488	1.008	ng	# 88
19) n-Nitroso-di-n-propylamine	8.41	70	4272	0.834	ng	# 95
20) 3+4-Methylphenols	8.45	107	3173	0.436	ng	# 25
22) Acetophenone	8.44	105	8885	0.905	ng	# 99
24) Nitrobenzene	8.80	77	7474	1.037	ng	# 96
25) Isophorone	9.32	82	12646	1.021	ng	# 95
26) 2-Nitrophenol	9.55	139	1805	0.476	ng	# 92
27) 2,4-Dimethylphenol	9.65	122	4816	0.903	ng	# 83
28) bis(2-Chloroethoxy)methane	9.85	93	7668	0.919	ng	# 84
29) 2,4-Dichlorophenol	10.16	162	3009	0.494	ng	# 83
30) 1,2,4-Trichlorobenzene	10.26	180	6341	0.917	ng	# 95
31) Naphthalene	10.43	128	21477	1.085	ng	# 97
32) Benzoic acid	9.65	122	4816	5.952	ng	# 12
33) 4-Chloroaniline	10.63	127	5055	0.578	ng	# 93
34) Hexachlorobutadiene	10.70	225	3649	0.884	ng	# 87
35) Caprolactam	11.39	113	286	0.120	ng	# 64
36) 4-Chloro-3-methylphenol	11.77	107	5006	0.738	ng	# 84
37) 2-Methylnaphthalene	12.06	142	15587	1.102	ng	# 99
38) 1-Methylnaphthalene	12.27	142	14976	1.084	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	7795	0.909	ng	# 95

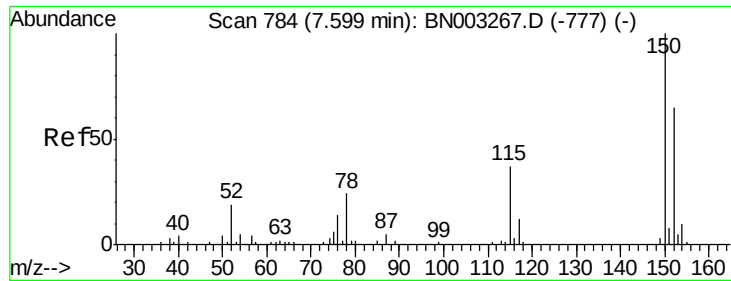
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003284.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.72	196	3805	0.702	ng	87
44) 2,4,5-Trichlorophenol	12.72	196	3805	0.673	ng	# 82
46) 1,1'-Biphenyl	13.08	154	23378	1.027	ng	98
47) 2-Chloronaphthalene	13.13	162	15392	0.917	ng	97
48) 2-Nitroaniline	13.39	65	2738	0.555	ng	# 77
49) Acenaphthylene	13.97	152	25174	0.980	ng	97
50) Dimethylphthalate	13.73	163	20507	0.978	ng	# 97
51) 2,6-Dinitrotoluene	13.87	165	3329	0.699	ng	# 84
52) Acenaphthene	14.31	154	16678	1.071	ng	95
53) 3-Nitroaniline	14.24	138	1946	0.382	ng	# 16
55) Dibenzofuran	14.67	168	26106	1.031	ng	93
56) 4-Nitrophenol	14.66	139	8681	7.626	ng	# 11
57) 2,4-Dinitrotoluene	14.69	165	2275	0.353	ng	# 92
58) Fluorene	15.31	166	21141	1.081	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.91	232	3636	0.732	ng	# 93
60) Diethylphthalate	15.08	149	20384	0.958	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	10666	0.982	ng	# 88
62) 4-Nitroaniline	15.45	138	1498	0.301	ng	87
63) Azobenzene	15.59	77	18286	0.930	ng	98
65) 4,6-Dinitro-2-methylphenol	15.53	198	239	0.055	ng	# 1
66) n-Nitrosodiphenylamine	15.53	169	17007	0.880	ng	98
67) 4-Bromophenyl-phenylether	16.20	248	6514	0.937	ng	98
68) Hexachlorobenzene	16.32	284	7698	0.972	ng	98
69) Atrazine	16.49	200	5501	0.803	ng	92
70) Pentachlorophenol	16.72	266	224	6.584	ng	# 18
71) Phenanthrene	17.05	178	35252	1.086	ng	96
72) Anthracene	17.16	178	33720	1.041	ng	98
73) Carbazole	17.46	167	29871	0.890	ng	96
74) Di-n-butylphthalate	17.97	149	31532	0.806	ng	100
75) Fluoranthene	19.09	202	39511	1.033	ng	98
77) Benzidine	19.31	184	5863	0.284	ng	98
78) Pyrene	19.45	202	42992	1.036	ng	98
80) Butylbenzylphthalate	20.34	149	15170	0.787	ng	97
81) Benzo(a)anthracene	21.19	228	45188	1.099	ng	97
82) 3,3'-Dichlorobenzidine	21.15	252	11904	0.699	ng	# 91
83) Chrysene	21.25	228	44215	1.118	ng	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	25293	0.885	ng	96
85) Di-n-octyl phthalate	21.99	149	44430	0.906	ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	46328	1.022	ng	99
88) Benzo(b)fluoranthene	22.76	252	43417	1.060	ng	97
89) Benzo(k)fluoranthene	22.81	252	46151	1.149	ng	97
90) Benzo(a)pyrene	23.32	252	41183	1.055	ng	96
91) Dibenzo(a,h)anthracene	25.65	278	40157	1.040	ng	# 91
92) Benzo(g,h,i)perylene	26.34	276	39309	1.060	ng	98

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

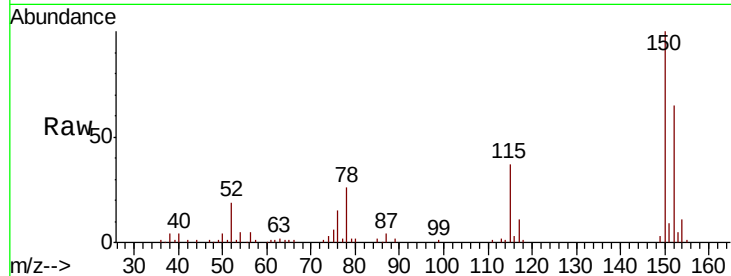


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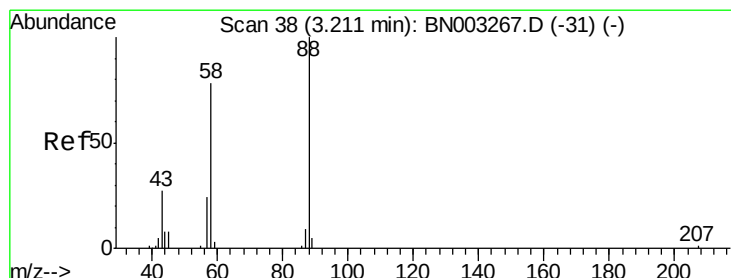
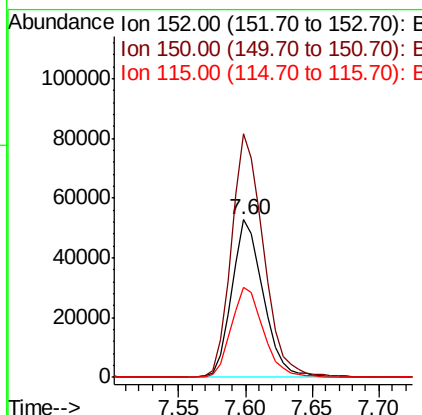
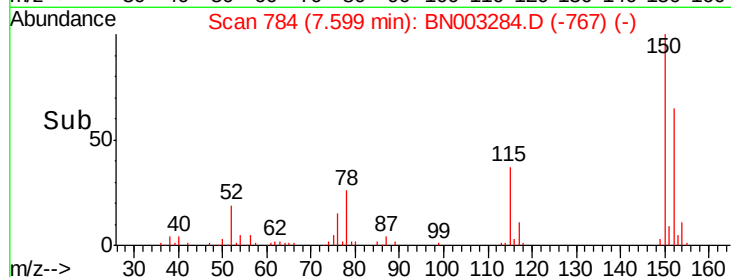
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 87048
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.8
115 57.3 45.9 68.9



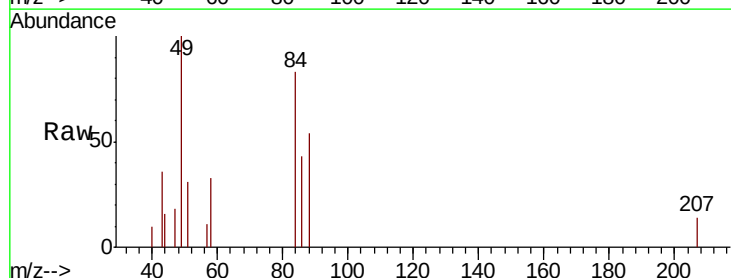
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



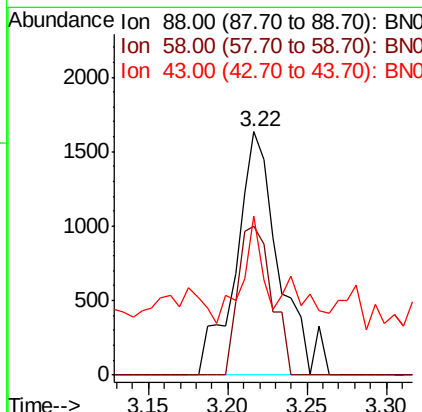
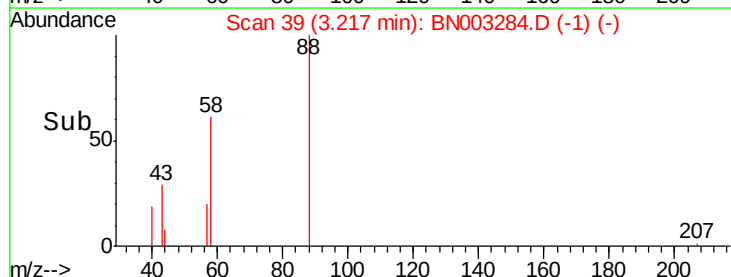
#2

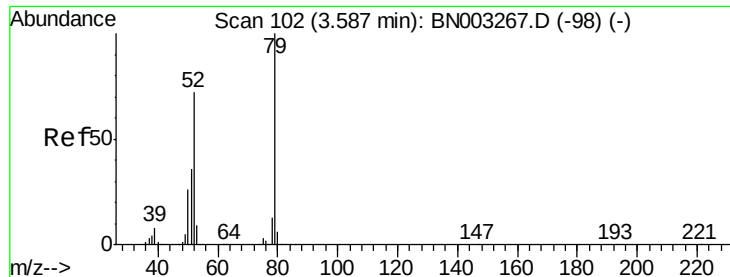
1,4-Dioxane
Concen: 1.293 ng
RT: 3.22 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion: 88 Resp: 3069
Ion Ratio Lower Upper
88 100
58 48.3 61.1 91.7#
43 20.4 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: 0.219 ng

RT: 3.69 min Scan# 119

Delta R.T. 0.10 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

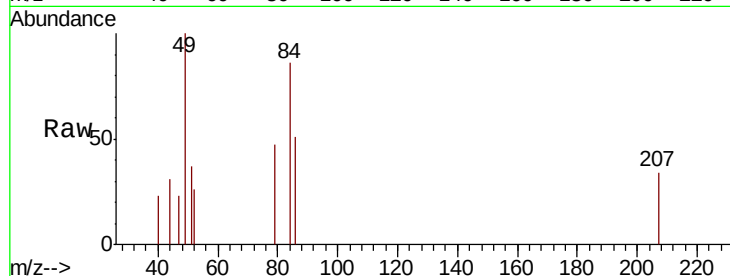
Tot Ion: 79 Resp: 1190

Ion Ratio Lower Upper

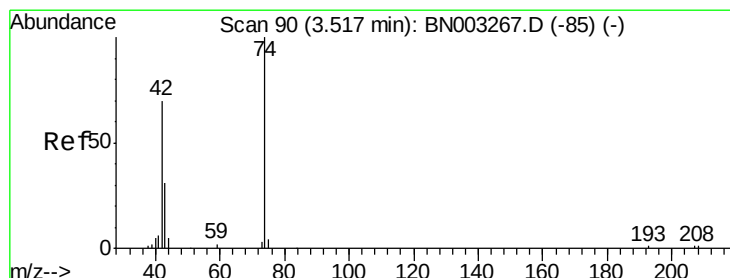
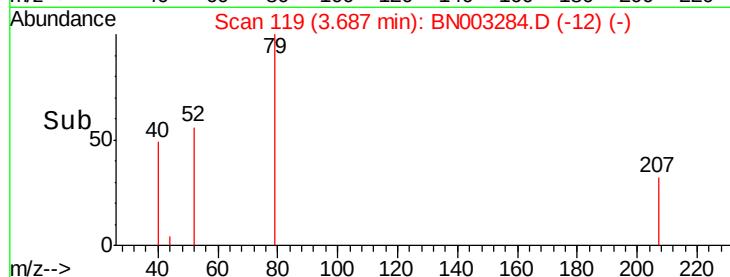
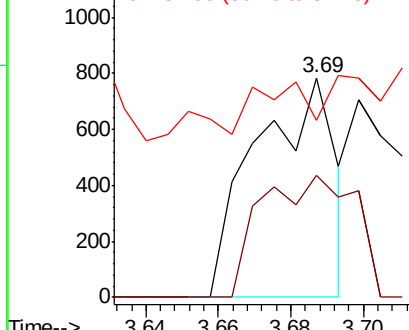
79 100

52 55.8 57.7 86.5#

51 80.4 28.7 43.1#



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



#4

n-Nitrosodimethylamine

Concen: 0.468 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.05 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

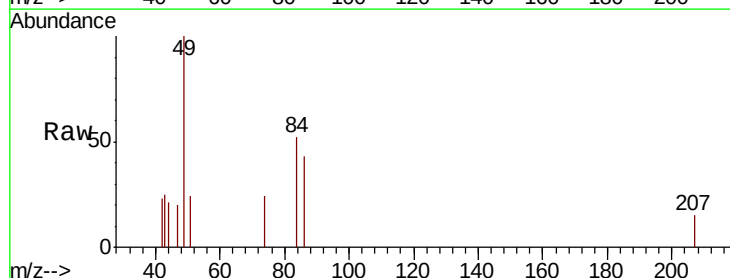
Tgt Ion: 42 Resp: 935

Ion Ratio Lower Upper

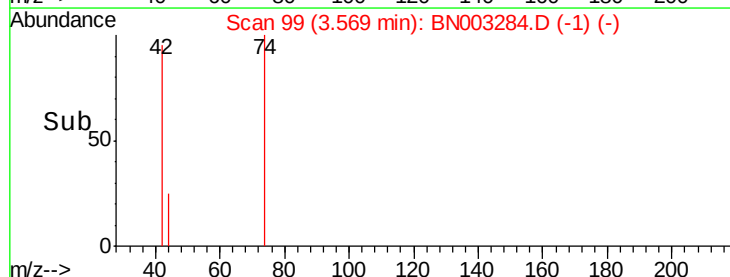
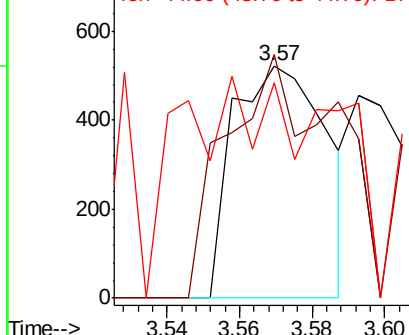
42 100

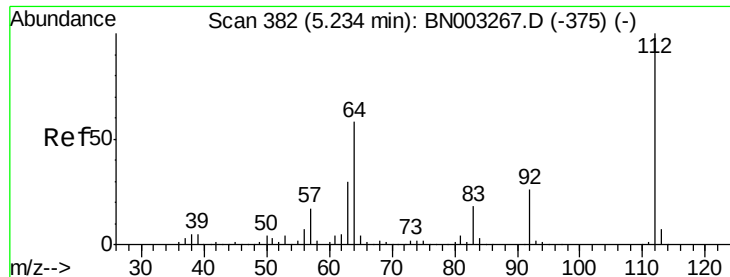
74 104.8 114.2 171.4#

44 92.9 6.1 9.1#



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





#5

2-Fluorophenol

Concen: 143.098 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampled :

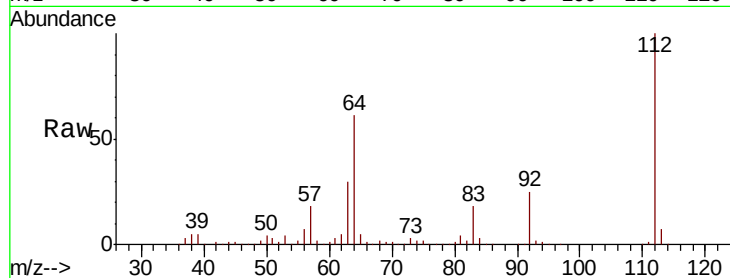
Tot Ion: 112 Resp: 715169

Ion Ratio Lower Upper

112 100

64 61.2 46.6 69.8

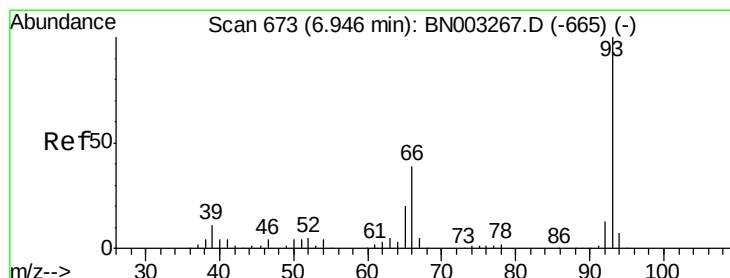
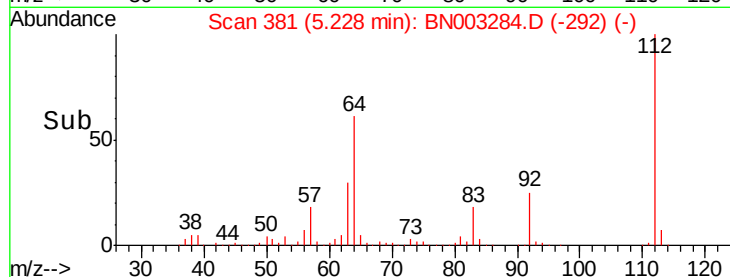
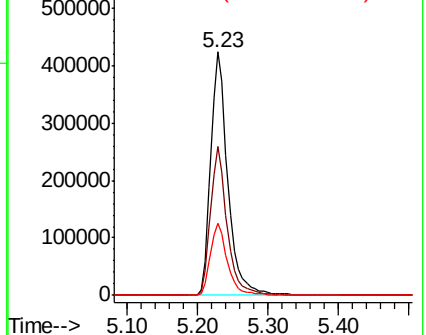
63 29.9 23.8 35.8



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: 0.695 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.00 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

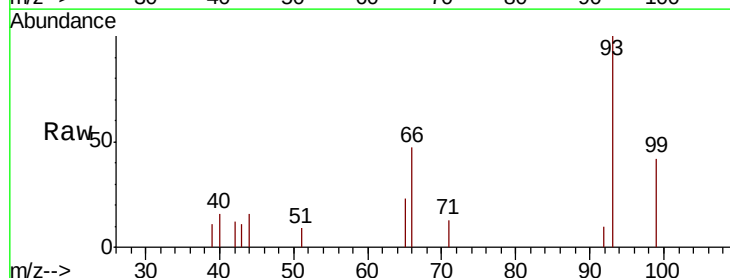
Tgt Ion: 93 Resp: 6170

Ion Ratio Lower Upper

93 100

66 47.3 31.4 47.0#

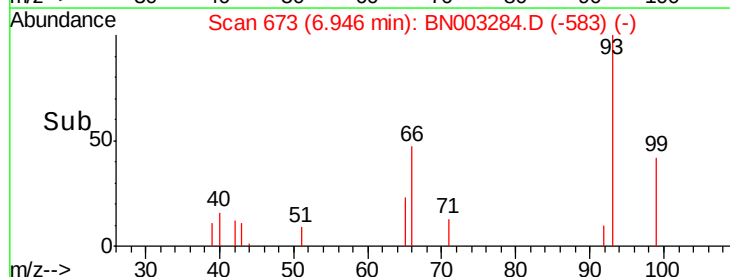
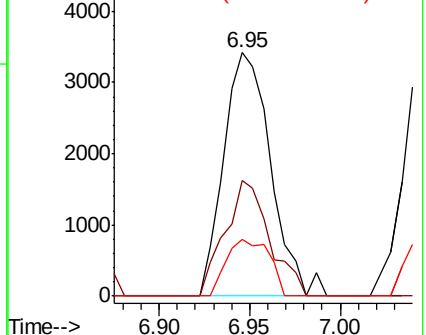
65 23.3 15.7 23.5

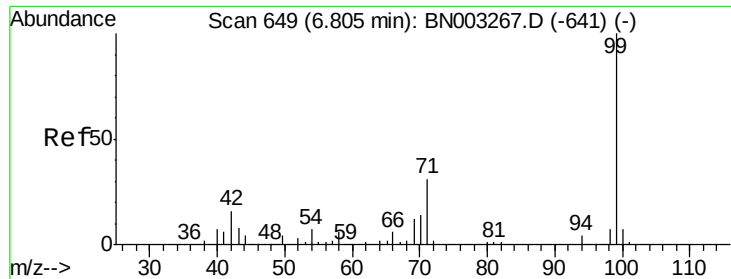


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 137.058 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

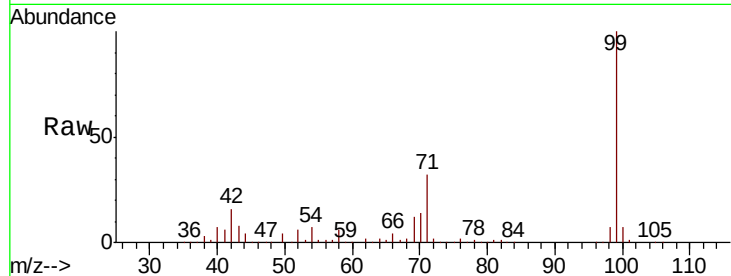
Tot Ion: 99 Resp: 974012

Ion Ratio Lower Upper

99 100

42 15.9 13.0 19.6

71 31.8 24.5 36.7

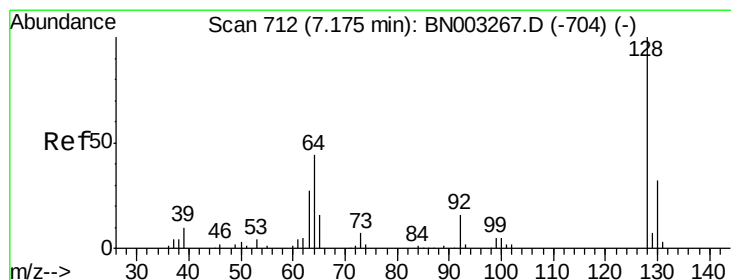
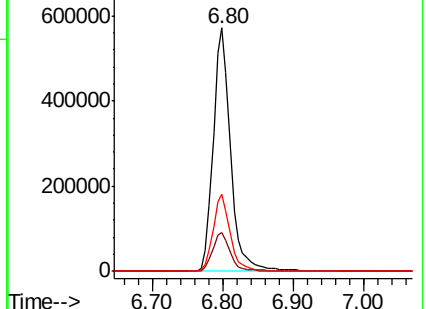
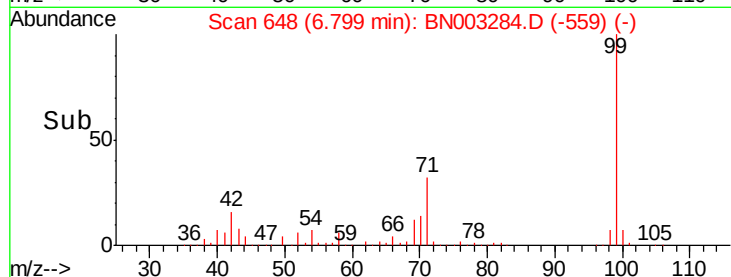


Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

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

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

6.80



#8

2-Chlorophenol

Concen: 0.983 ng

RT: 7.18 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

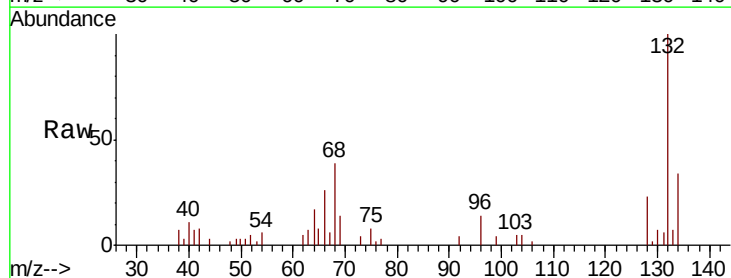
Tgt Ion:128 Resp: 6053

Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

64 76.2 27.0 67.0#

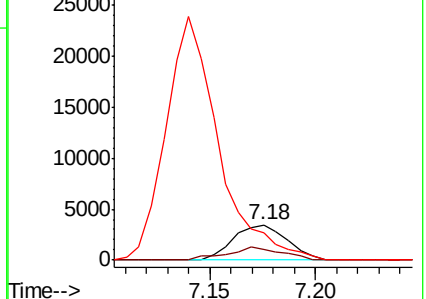
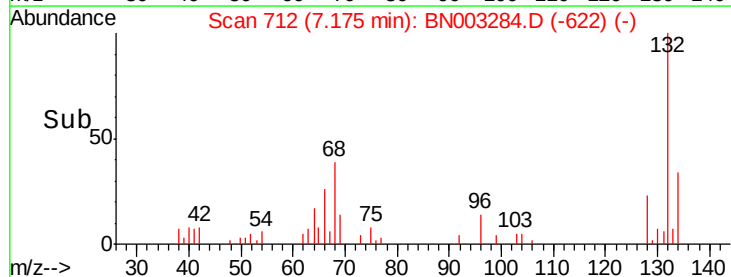


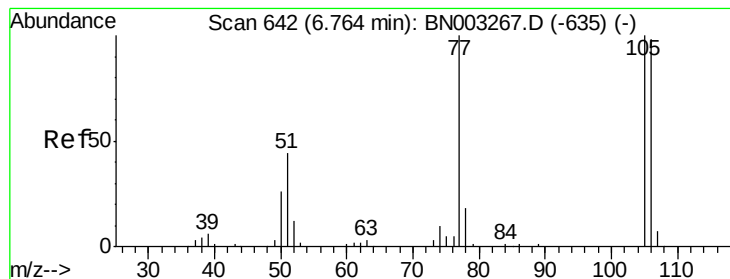
Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

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

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

7.18





#9

Benzaldehyde

Concen: 1.295 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.03 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

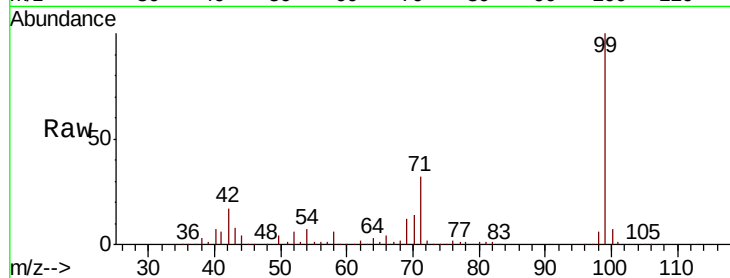
Tot Ion: 77 Resp: 5344

Ion Ratio Lower Upper

77 100

105 60.8 79.9 119.9#

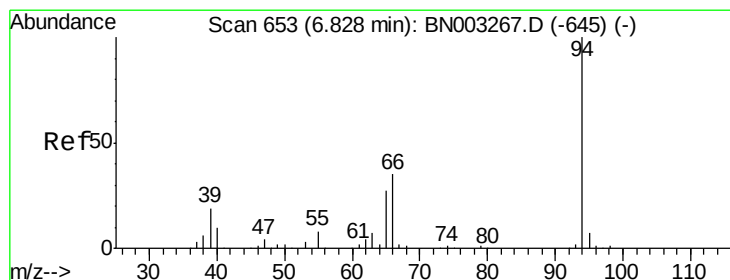
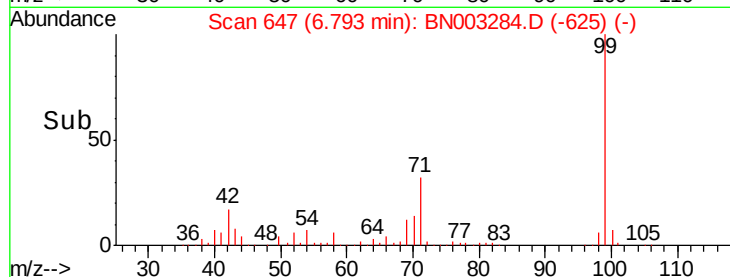
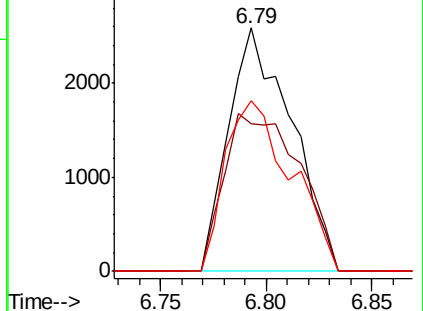
106 70.1 78.4 118.4#



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: 0.982 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

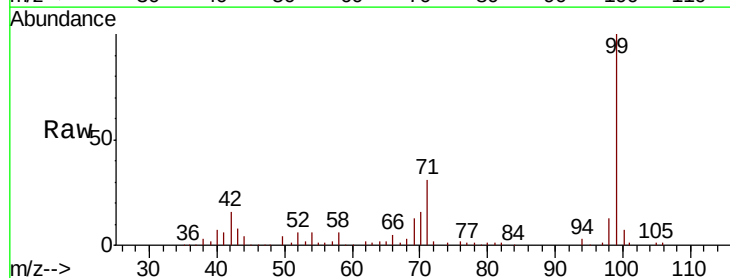
Tgt Ion: 94 Resp: 7366

Ion Ratio Lower Upper

94 100

65 57.8 7.7 47.7#

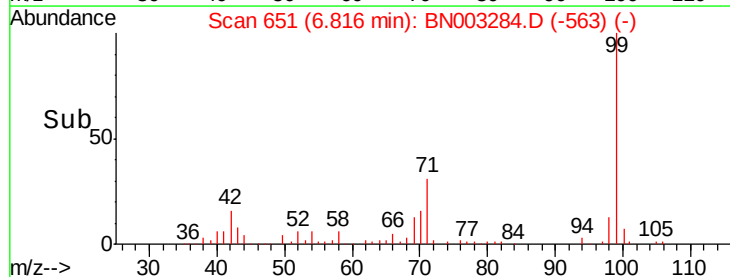
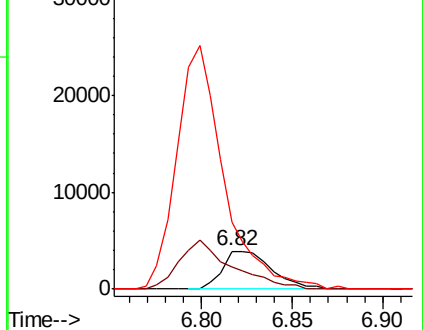
66 174.2 15.8 55.8#

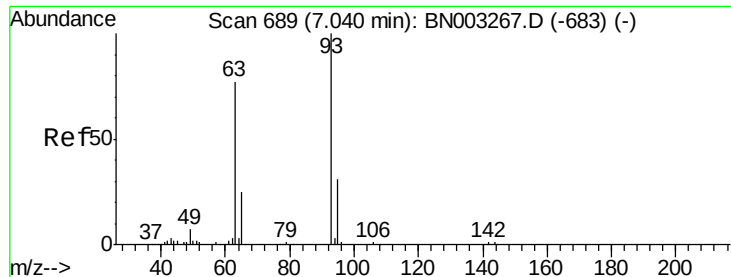


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

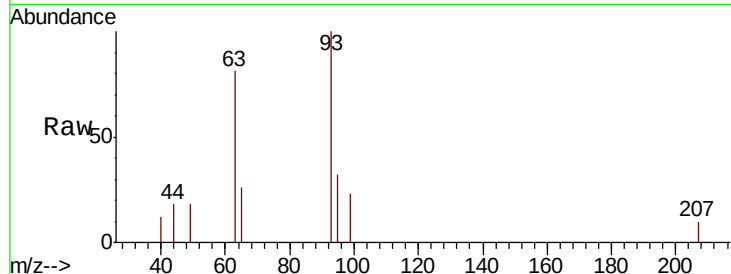




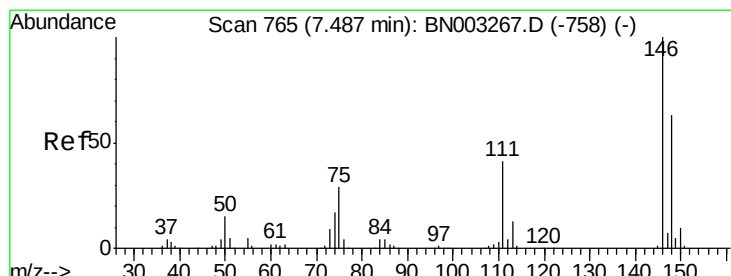
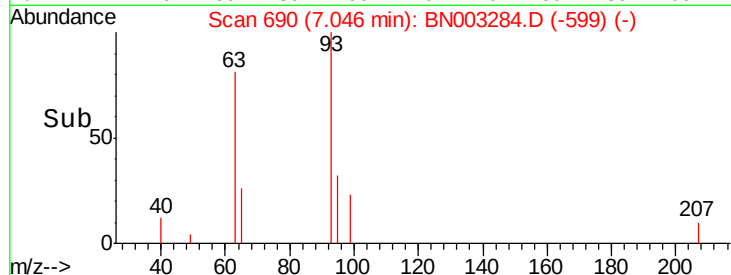
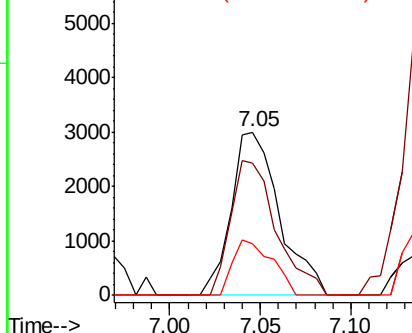
#11
bis(2-Chloroethyl)ether
Concen: 0.910 ng
RT: 7.05 min Scan# 690
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 93 Resp: 5577
Ion Ratio Lower Upper
93 100
63 81.5 56.6 96.6
95 31.6 10.9 50.9

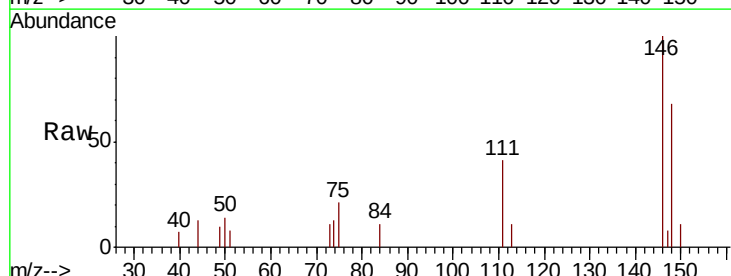


Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0

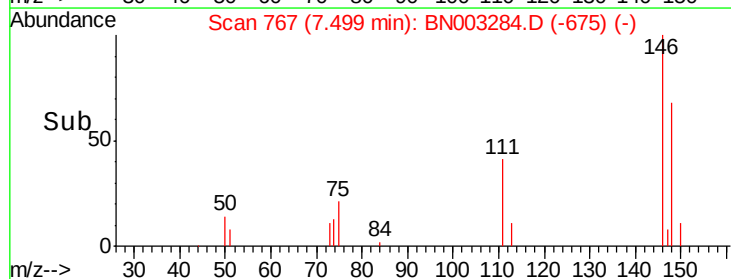
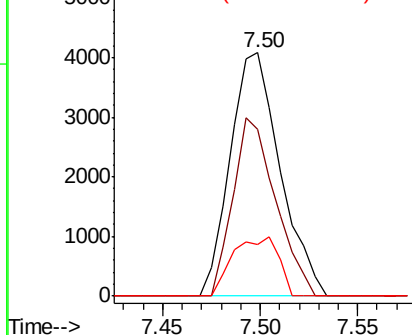


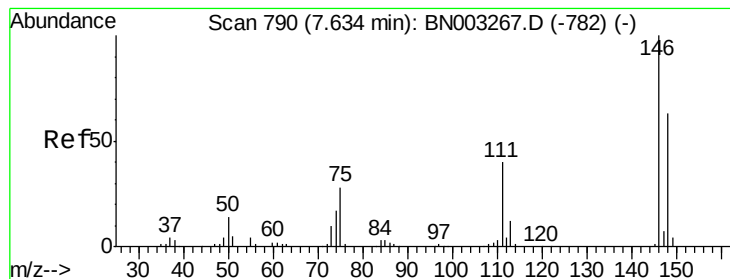
#12
1,3-Dichlorobenzene
Concen: 1.059 ng
RT: 7.50 min Scan# 767
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion: 146 Resp: 7248
Ion Ratio Lower Upper
146 100
148 68.2 50.1 75.1
75 21.0 22.9 34.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0





#13

1,4-Dichlorobenzene

Concen: 0.999 ng

RT: 7.64 min Scan# 791

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampled :

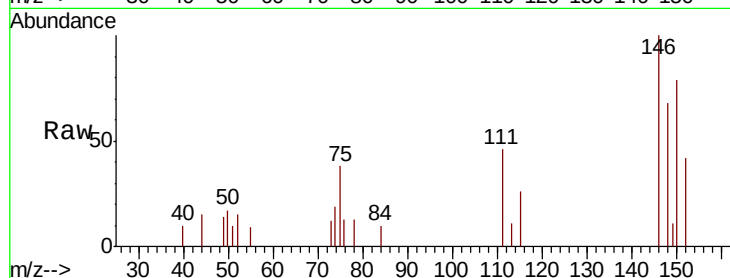
Tot Ion:146 Resp: 7042

Ion Ratio Lower Upper

146 100

148 67.7 50.2 75.2

111 45.9 32.1 48.1

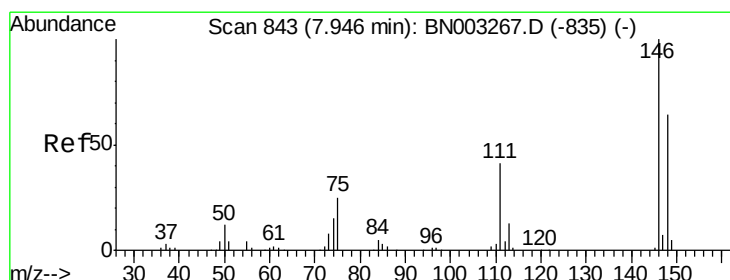
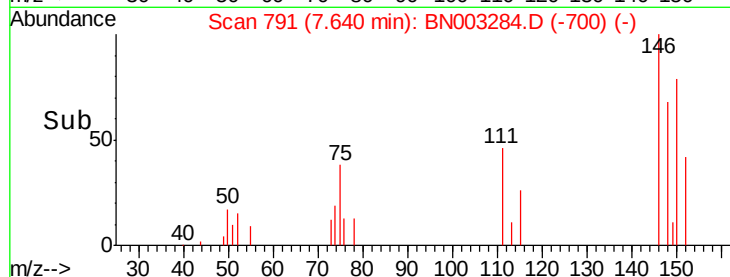
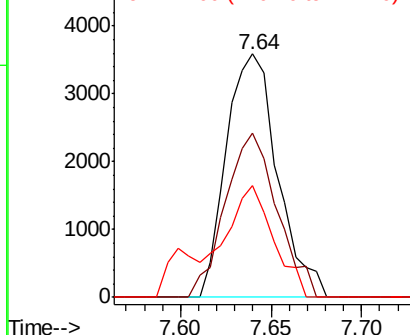


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 1.030 ng

RT: 7.64 min Scan# 791

Delta R.T. -0.31 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

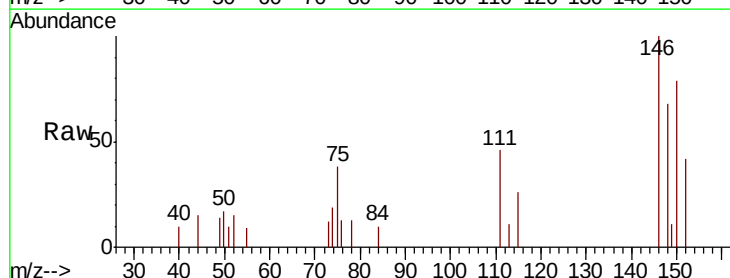
Tgt Ion:146 Resp: 7042

Ion Ratio Lower Upper

146 100

148 67.7 51.4 77.2

111 45.9 33.1 49.7

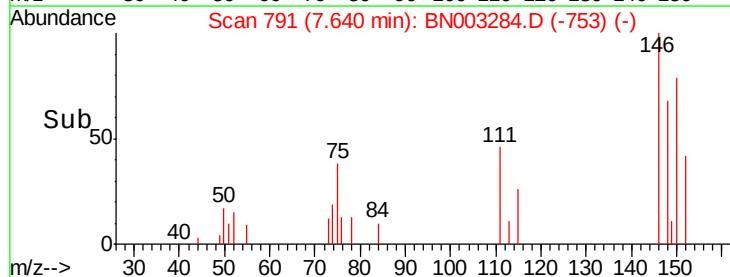
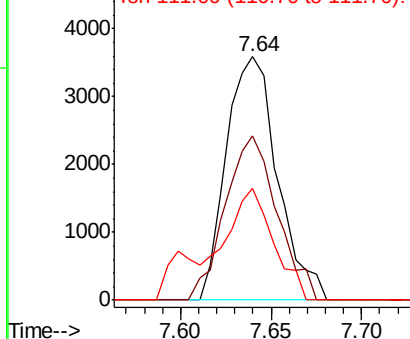


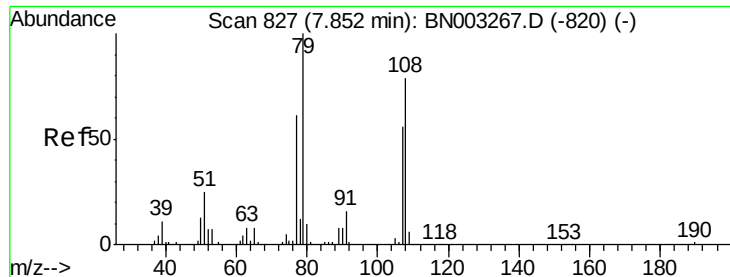
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.326 ng

RT: 7.91 min Scan# 837

Delta R.T. 0.06 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

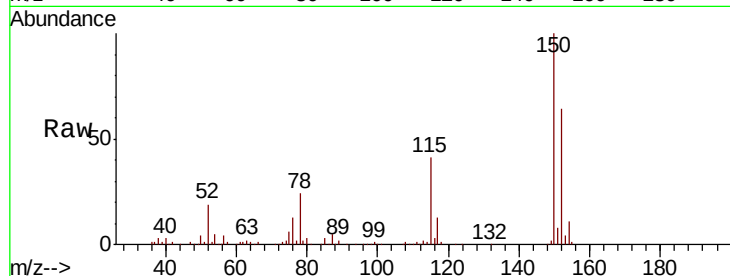
Tot Ion: 79 Resp: 11914

Ion Ratio Lower Upper

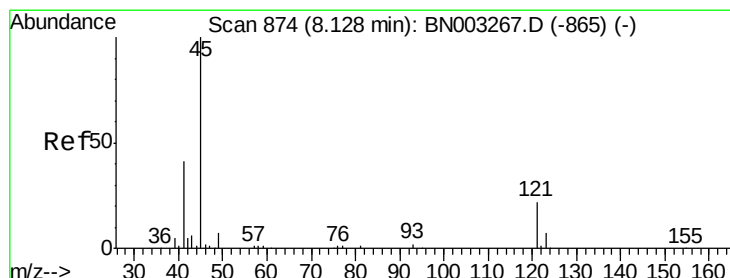
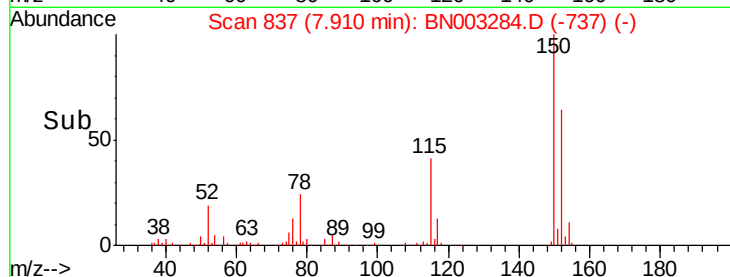
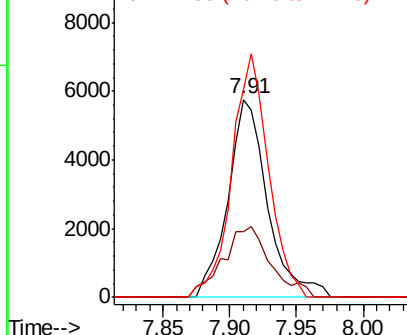
79 100

108 33.5 63.3 94.9#

77 105.4 49.0 73.6#



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.015 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

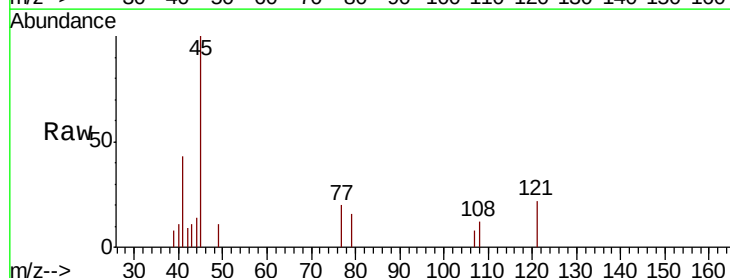
Tgt Ion: 45 Resp: 9117

Ion Ratio Lower Upper

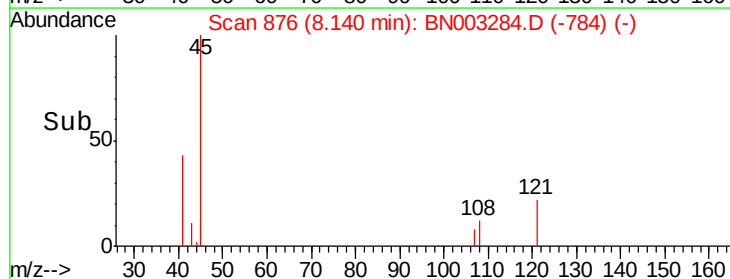
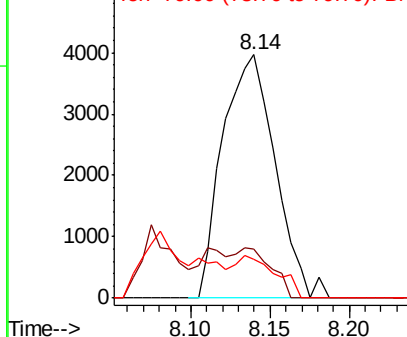
45 100

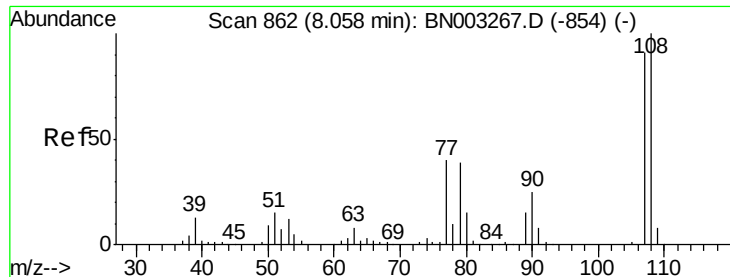
77 20.1 0.0 34.0

79 16.1 0.0 30.9



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

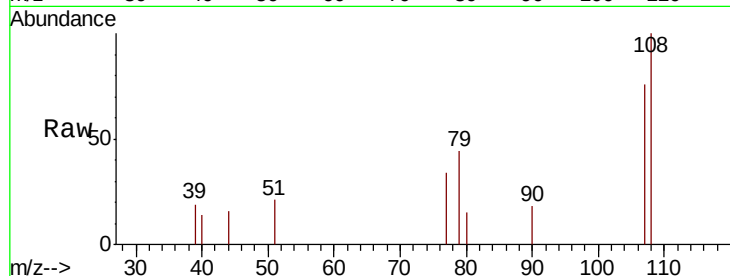




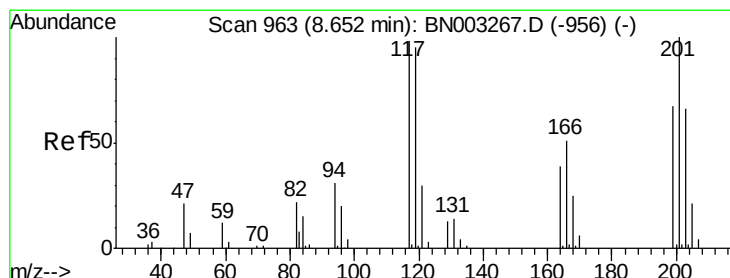
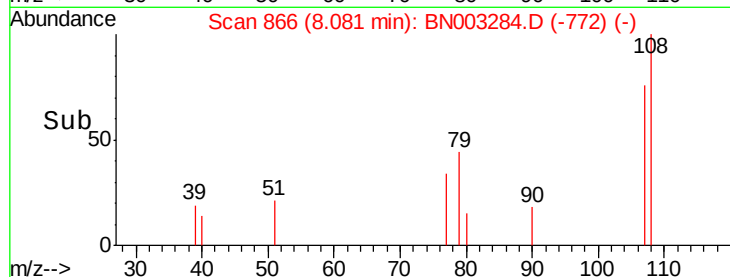
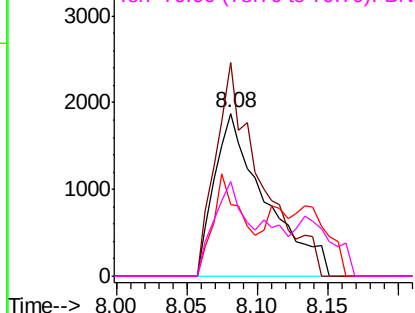
#17
2-Methylphenol
Concen: 0.920 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 4717
Ion Ratio Lower Upper
107 100
108 131.0 87.6 131.4
77 43.9 35.3 52.9
79 58.3 34.2 51.4#

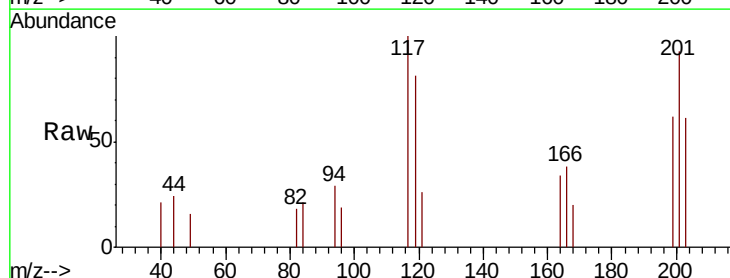


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

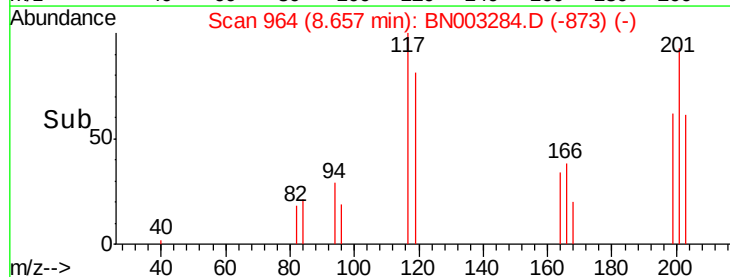
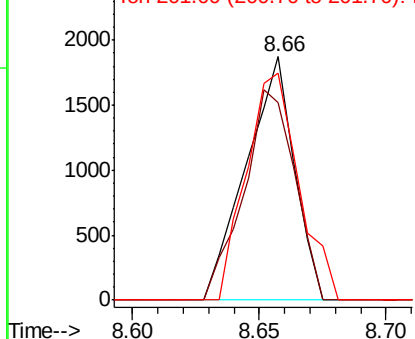


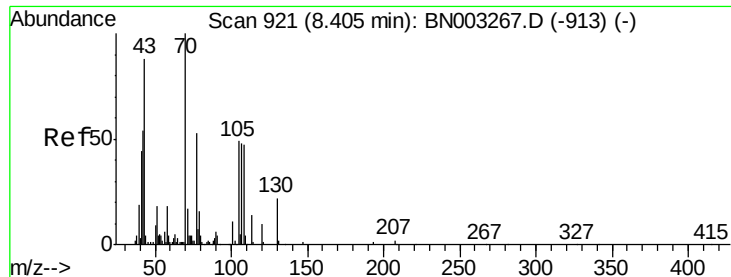
#18
Hexachloroethane
Concen: 1.008 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:117 Resp: 2488
Ion Ratio Lower Upper
117 100
119 81.0 77.8 116.6
201 93.1 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

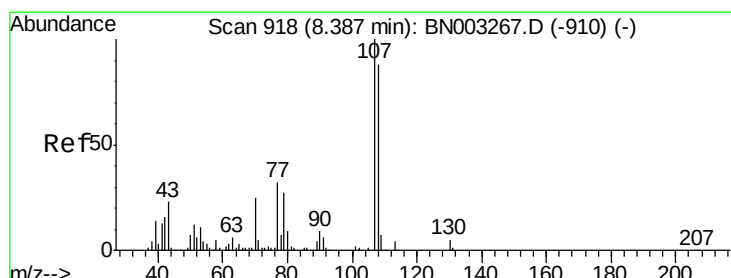
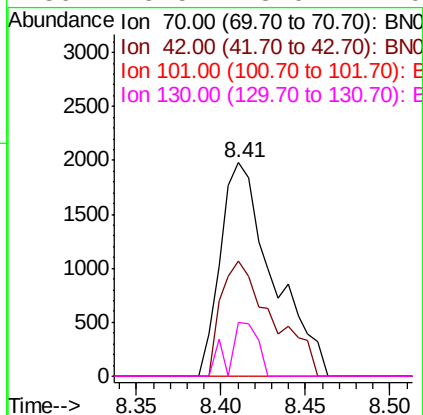
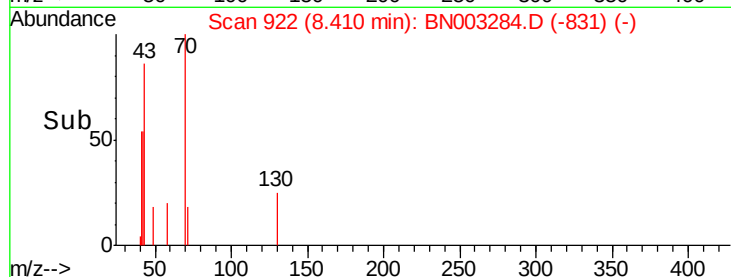
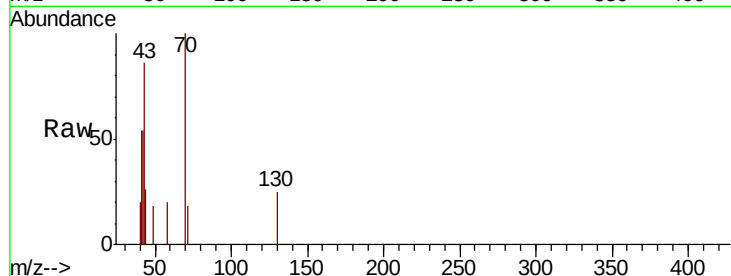




#19
n-Nitroso-di-n-propylamine
Concen: 0.834 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

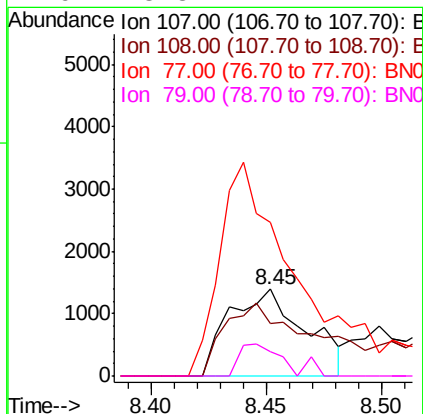
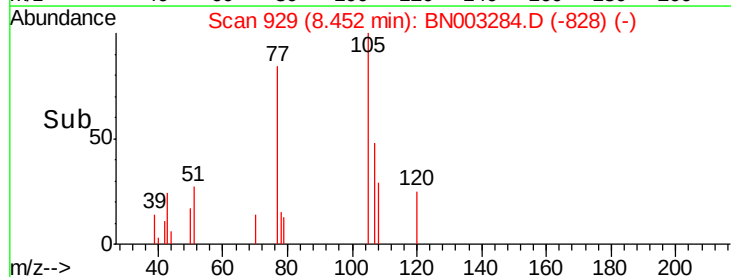
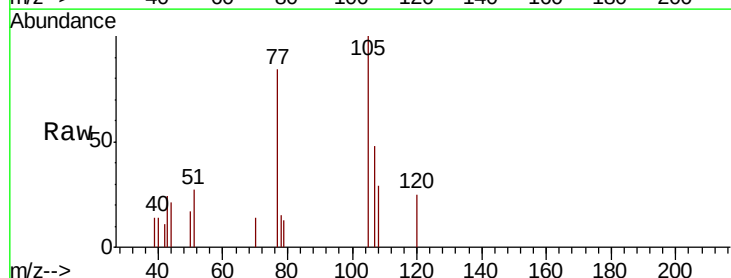
Instrument :
BNA_N
ClientSampleId :

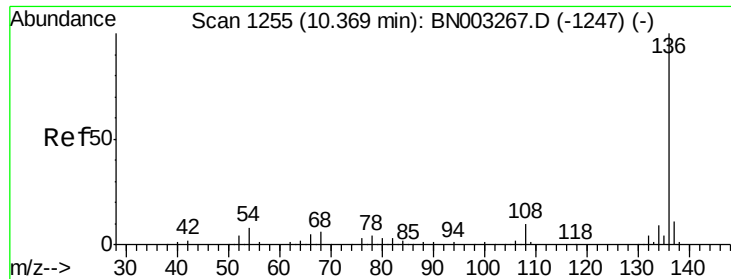
Tot Ion:	70	Resp:	4272
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.5	65.3
101	0.0	8.6	12.8#
130	25.5	18.0	27.0



#20
3+4-Methylphenols
Concen: 0.436 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.06 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:	107	Resp:	3173
Ion	Ratio	Lower	Upper
107	100		
108	60.0	67.8	107.8#
77	177.2	12.1	52.1#
79	28.3	7.2	47.2

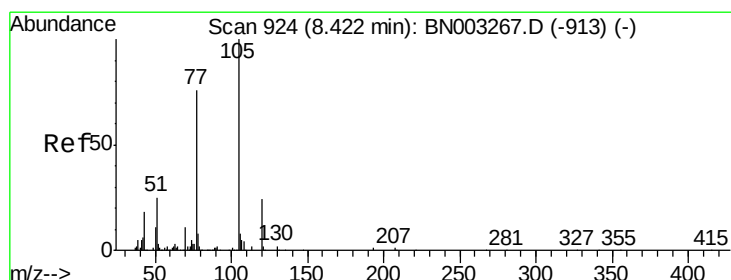
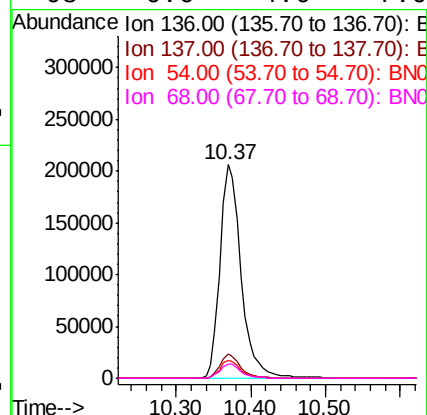
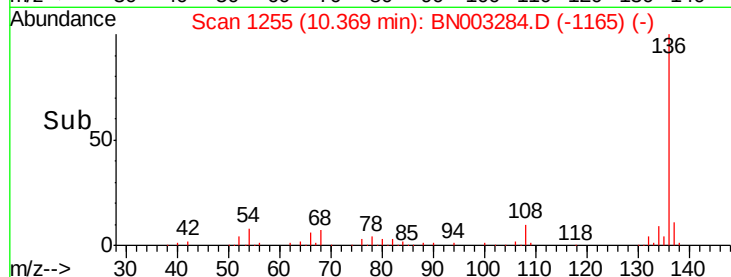
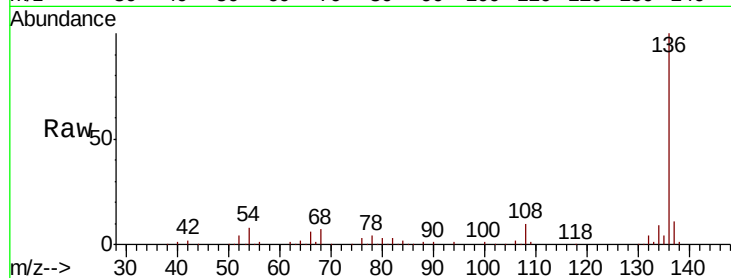




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

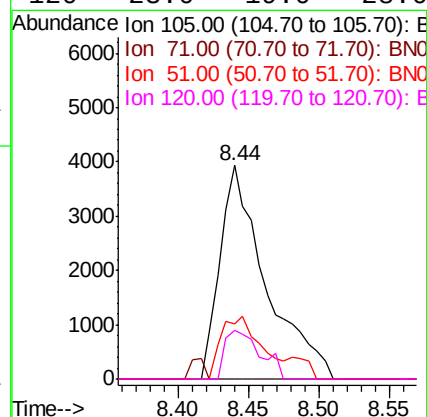
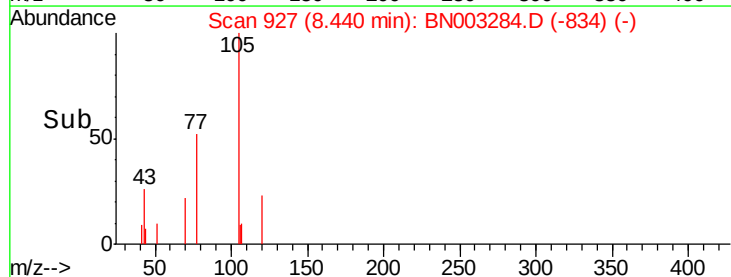
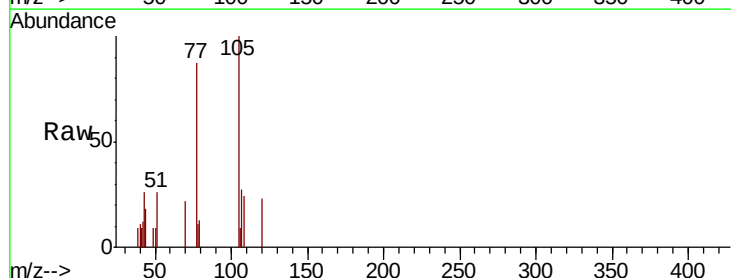
Instrument :
BNA_N
ClientSampleId :

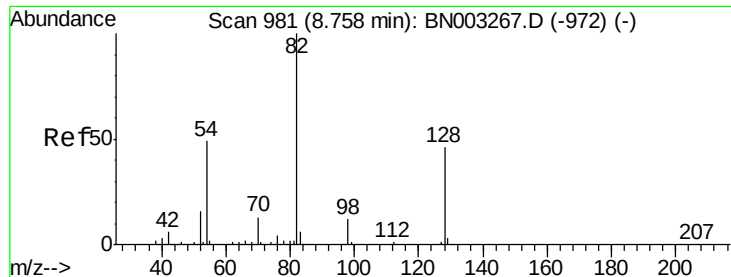
Tot Ion:136	Resp:	404994
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	8.2	6.6 10.0
68	6.6	4.6 7.0



#22
Acetophenone
Concen: 0.905 ng
RT: 8.44 min Scan# 927
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:105	Resp:	8885
Ion	Ratio	Lower Upper
105	100	
71	0.0	1.3 1.9#
51	25.7	20.5 30.7
120	23.0	19.0 28.6

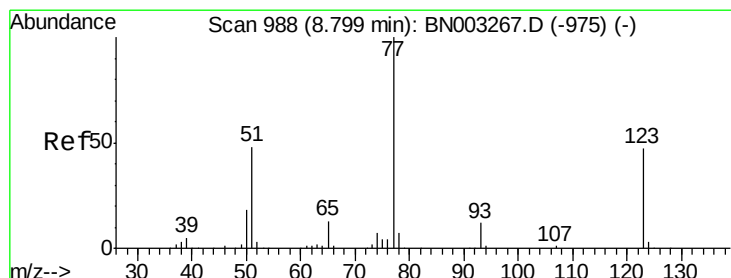
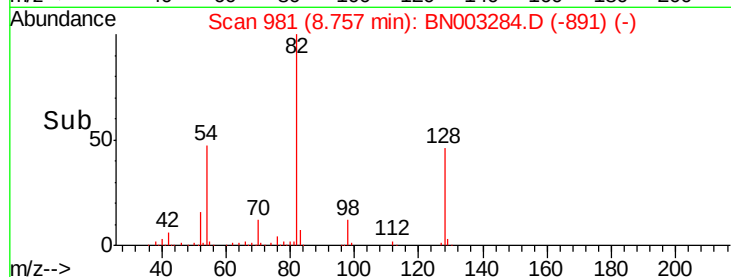
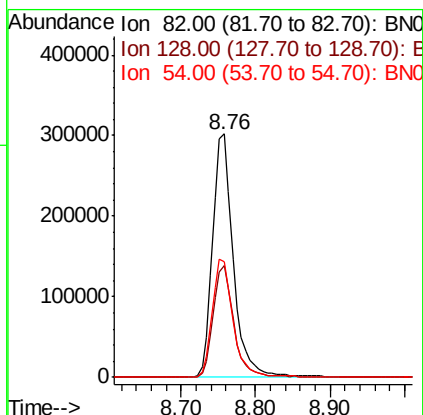
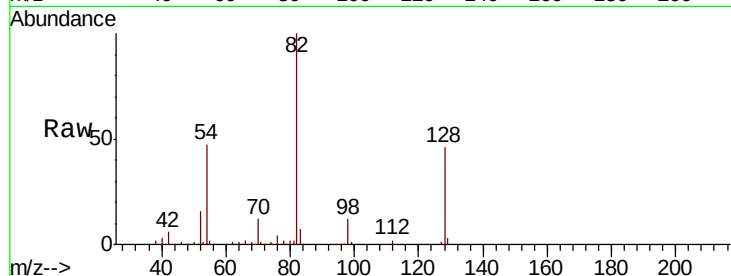




#23
 Nitrobenzene-d5
 Concen: 82.543 ng
 RT: 8.76 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

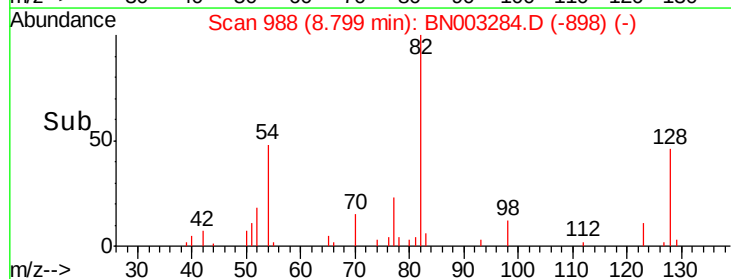
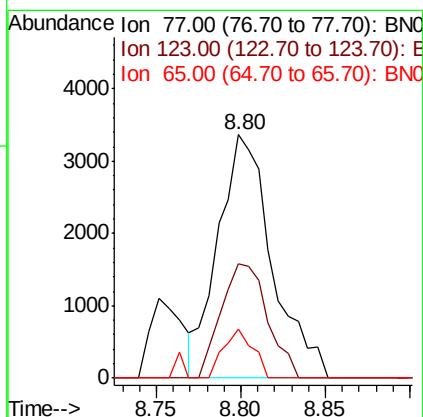
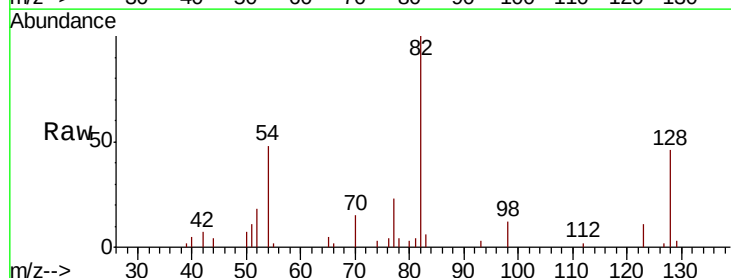
Instrument :
 BNA_N
 ClientSampleId :

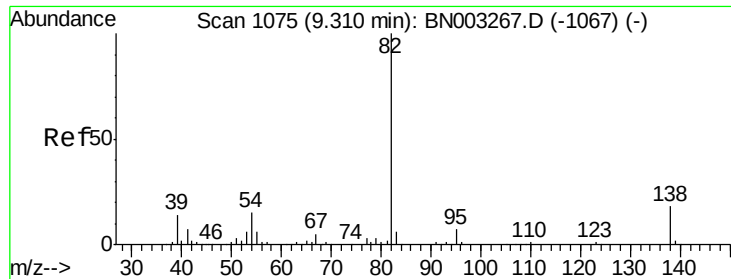
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.1	55.7
54	47.2	39.4	59.2



#24
 Nitrobenzene
 Concen: 1.037 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.8	56.6
65	20.3	10.7	16.1





#25

Isophorone

Concen: 1.021 ng

RT: 9.32 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

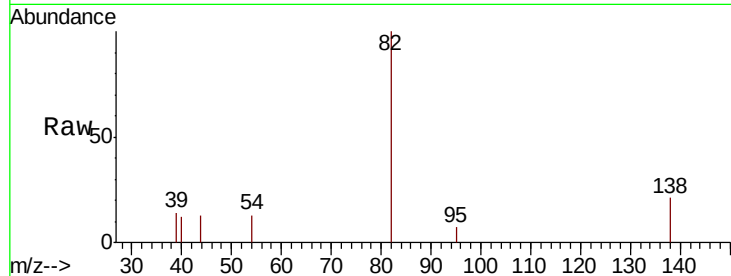
Tot Ion: 82 Resp: 12646

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

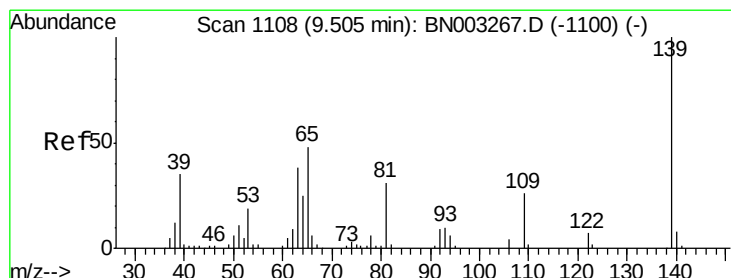
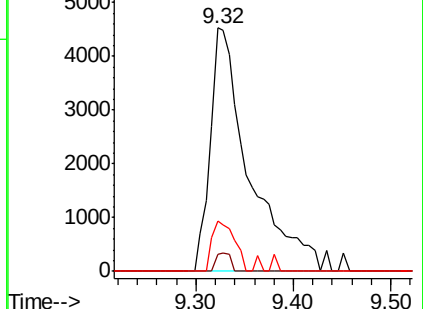
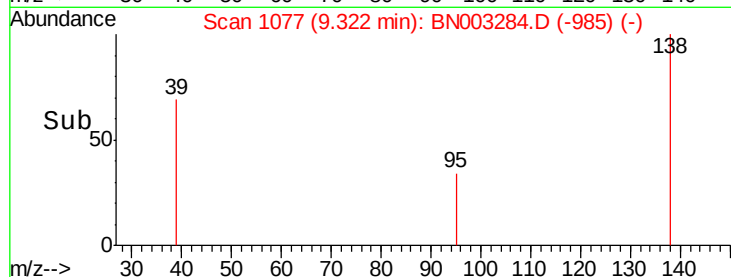
138 20.9 14.5 21.7



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: 0.476 ng

RT: 9.55 min Scan# 1115

Delta R.T. 0.04 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

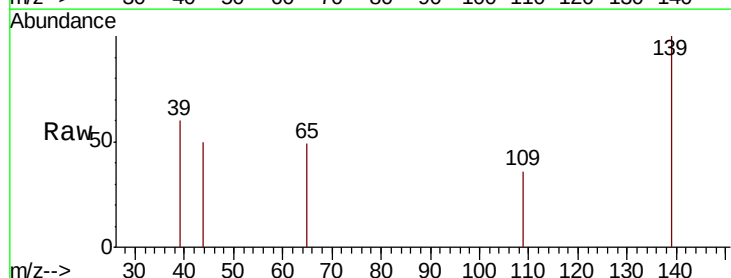
Tgt Ion: 139 Resp: 1805

Ion Ratio Lower Upper

139 100

109 35.9 20.5 30.7#

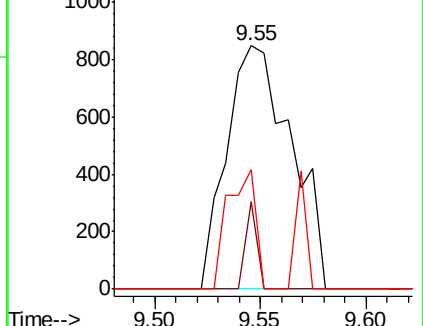
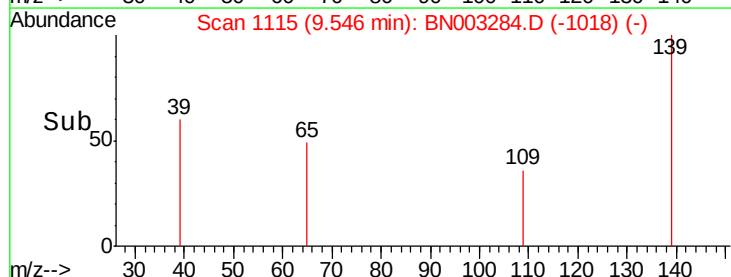
65 49.4 38.4 57.6

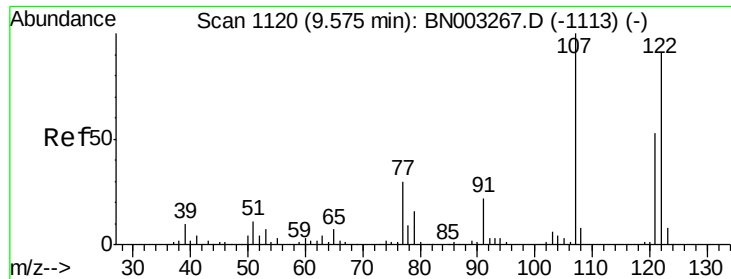


Abundance Ion 139.00 (138.70 to 139.70): BN003267.D (-1100) (-)

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

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

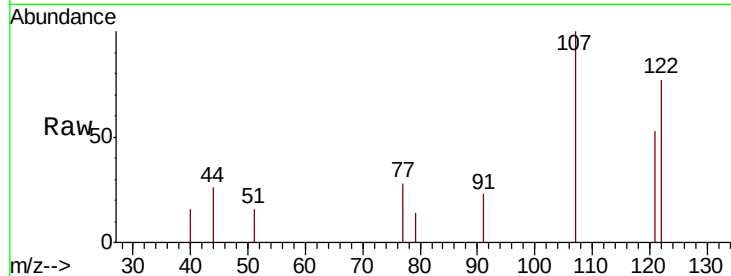




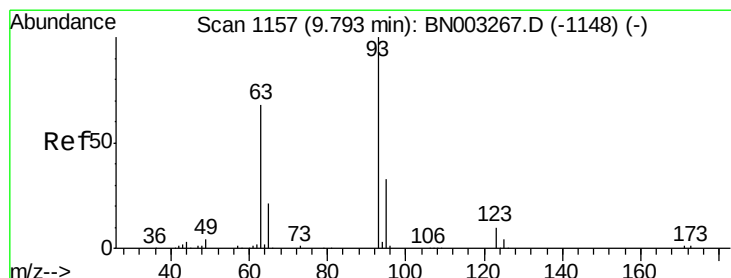
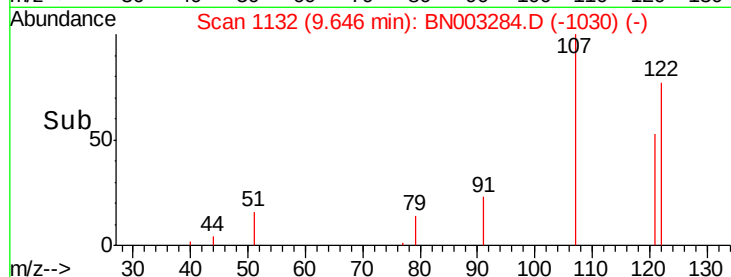
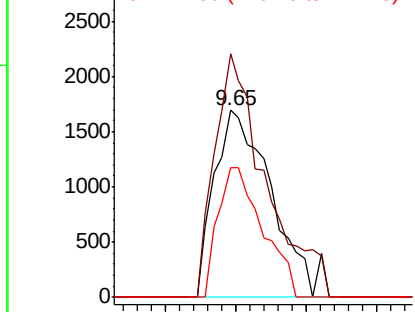
#27
 2,4-Dimethylphenol
 Concen: 0.903 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.07 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:122 Resp: 4816
 Ion Ratio Lower Upper
 122 100
 107 130.2 87.8 131.6
 121 69.0 46.9 70.3

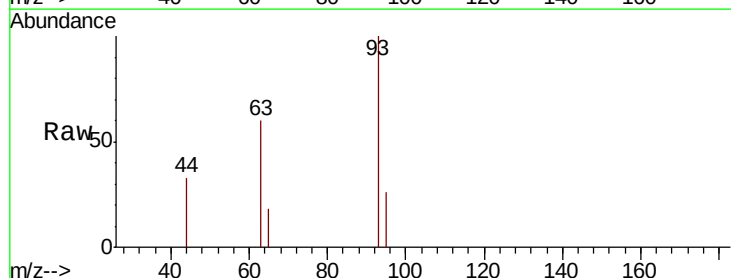


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

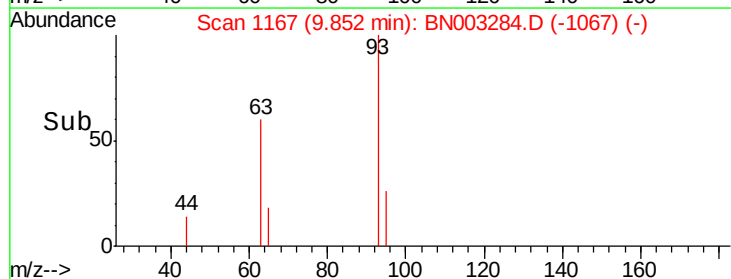
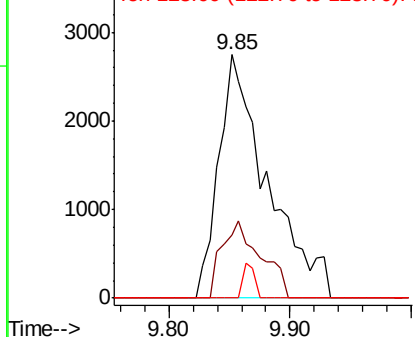


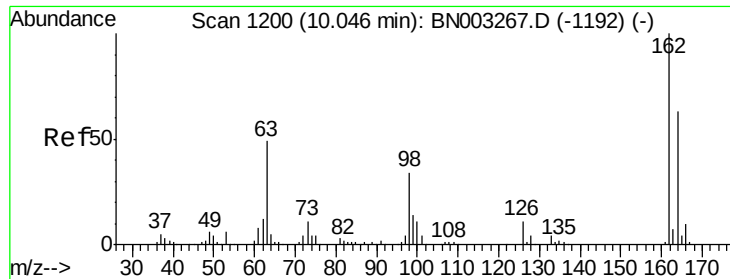
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.919 ng
 RT: 9.85 min Scan# 1167
 Delta R.T. 0.06 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion: 93 Resp: 7668
 Ion Ratio Lower Upper
 93 100
 95 26.1 26.2 39.4#
 123 0.0 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

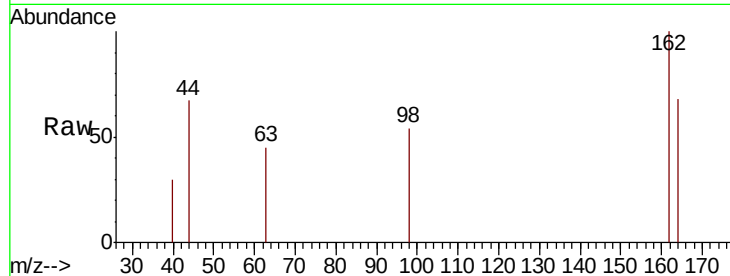




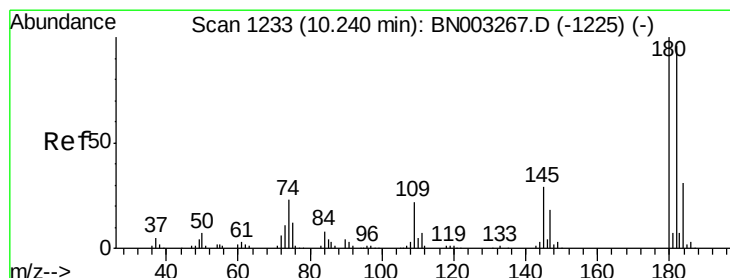
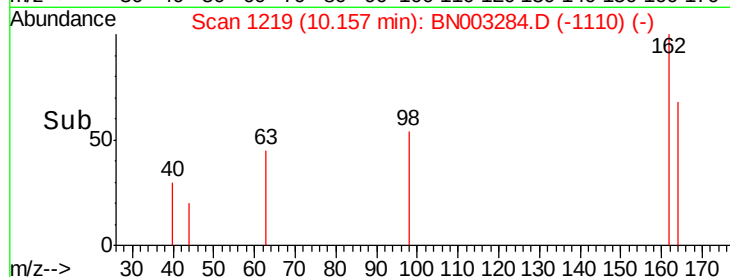
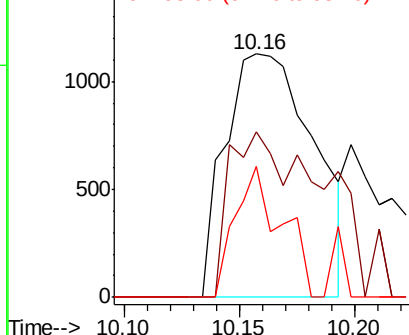
#29
 2,4-Dichlorophenol
 Concen: 0.494 ng
 RT: 10.16 min Scan# 1219
 Delta R.T. 0.11 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 3009
 Ion Ratio Lower Upper
 162 100
 164 67.9 42.5 82.5
 98 53.6 14.0 54.0

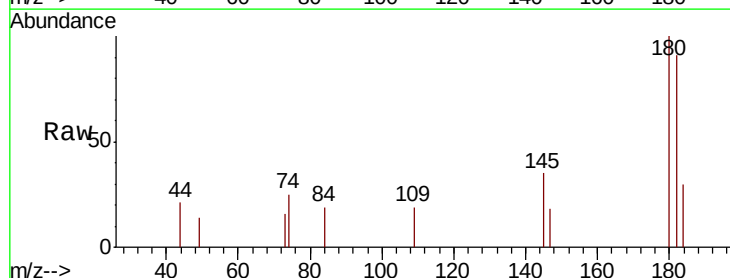


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

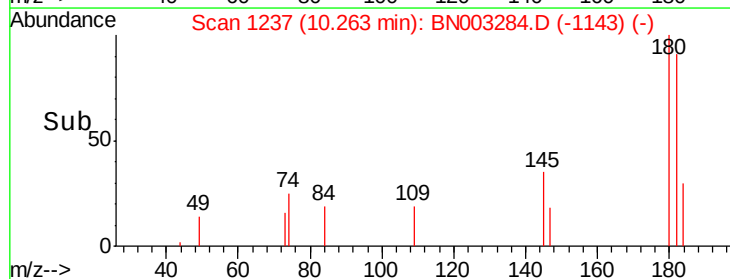
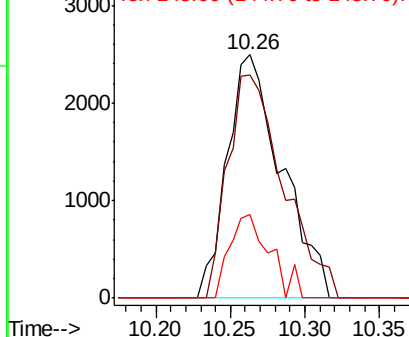


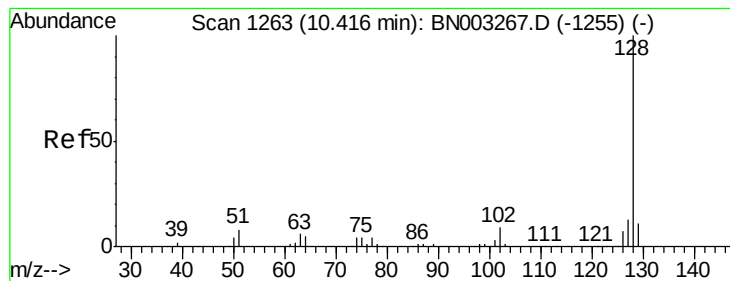
#30
 1,2,4-Trichlorobenzene
 Concen: 0.917 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. 0.02 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:180 Resp: 6341
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.4 114.6
 145 34.6 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: 1.085 ng

RT: 10.43 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

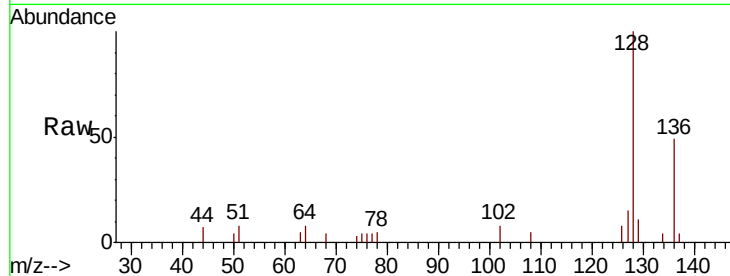
Tot Ion:128 Resp: 21477

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

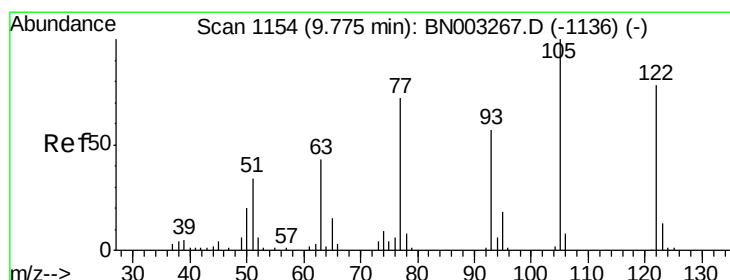
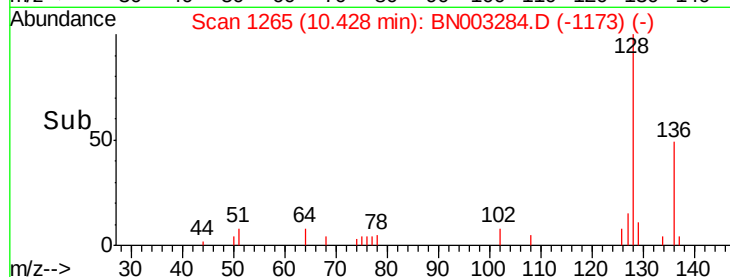
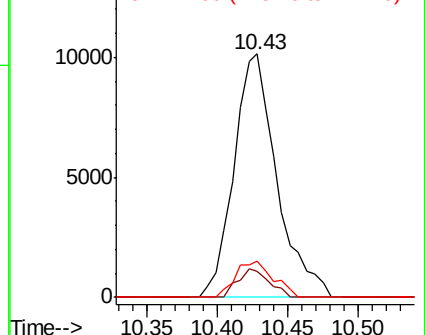
127 14.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.952 ng

RT: 9.65 min Scan# 1132

Delta R.T. -0.13 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

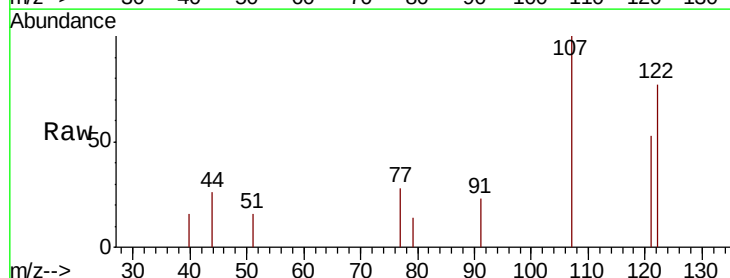
Tgt Ion:122 Resp: 4816

Ion Ratio Lower Upper

122 100

105 0.0 106.8 146.8#

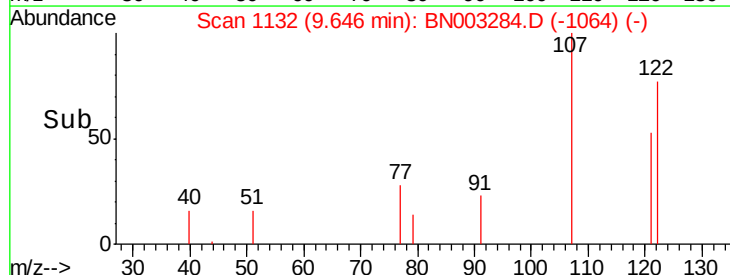
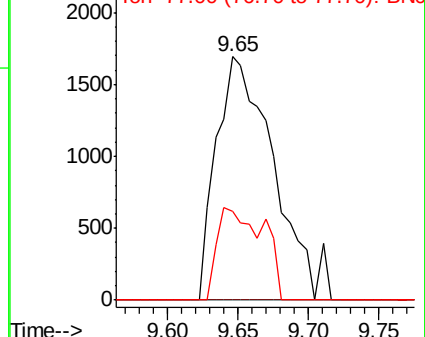
77 36.5 71.9 111.9#

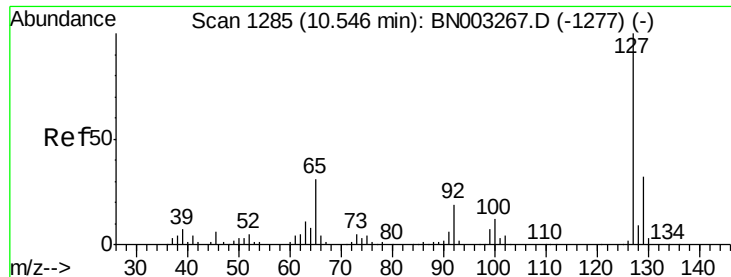


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

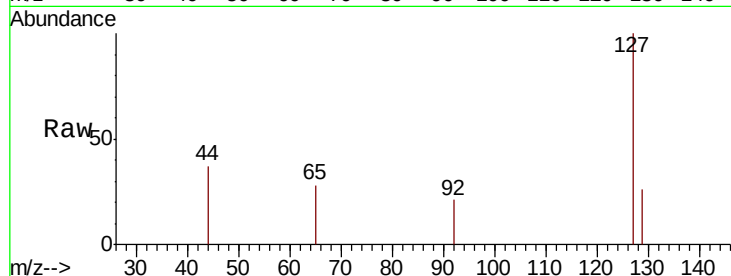




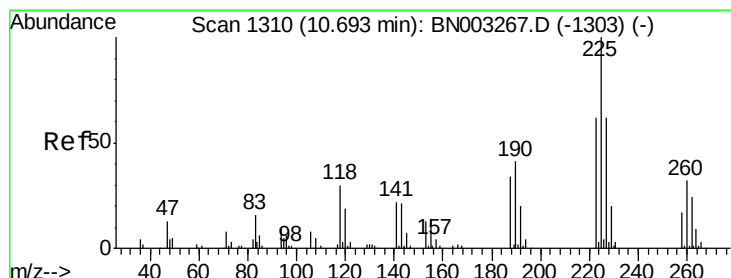
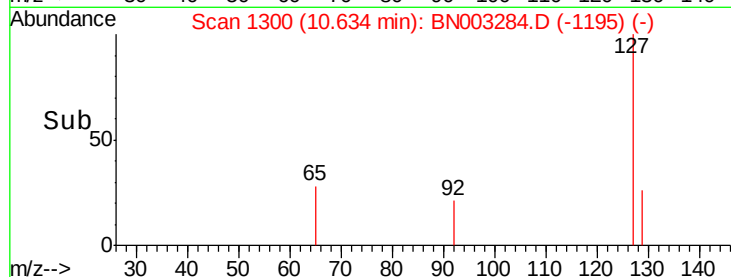
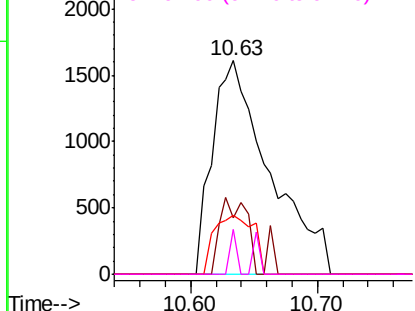
#33
4-Chloroaniline
Concen: 0.578 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.09 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:127 Resp: 5055
Ion Ratio Lower Upper
127 100
129 26.1 25.8 38.6
65 27.6 24.6 36.8
92 21.1 15.3 22.9

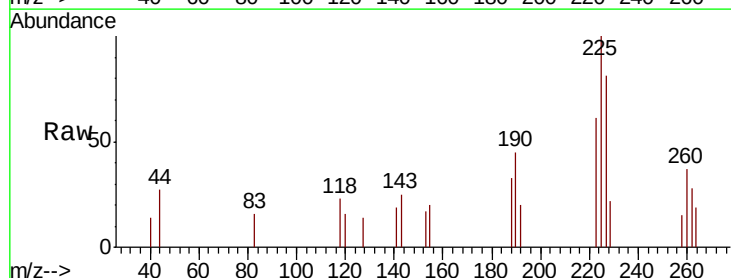


Abundance Ion 127.00 (126.70 to 127.70): E
2500
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

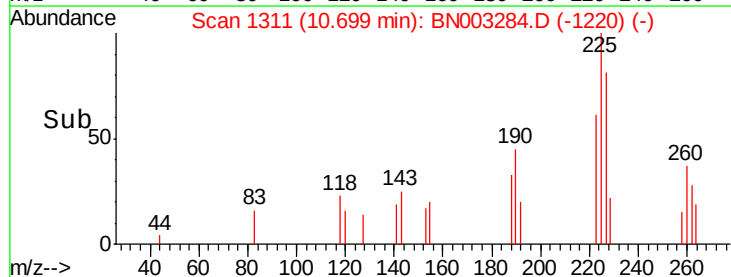
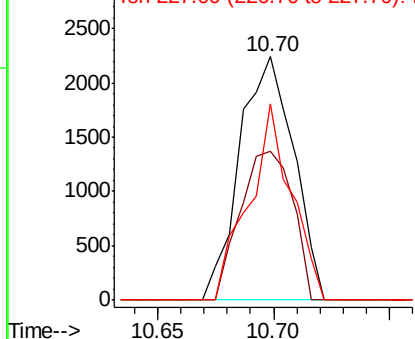


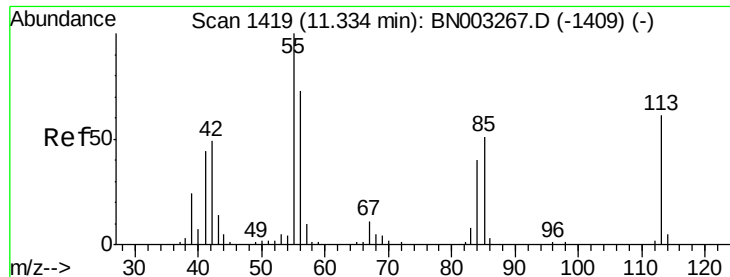
#34
Hexachlorobutadiene
Concen: 0.884 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:225 Resp: 3649
Ion Ratio Lower Upper
225 100
223 61.2 49.8 74.8
227 80.5 49.6 74.4#



Abundance Ion 225.00 (224.70 to 225.70): E
3000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 0.120 ng

RT: 11.39 min Scan# 1428

Delta R.T. 0.05 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

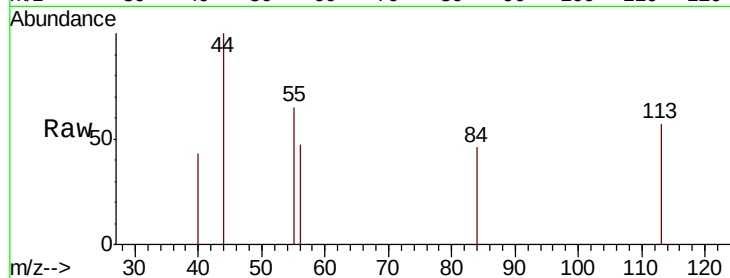
Tot Ion:113 Resp: 286

Ion Ratio Lower Upper

113 100

55 114.9 144.2 184.2#

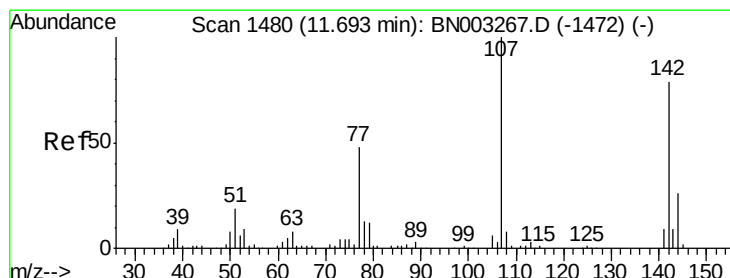
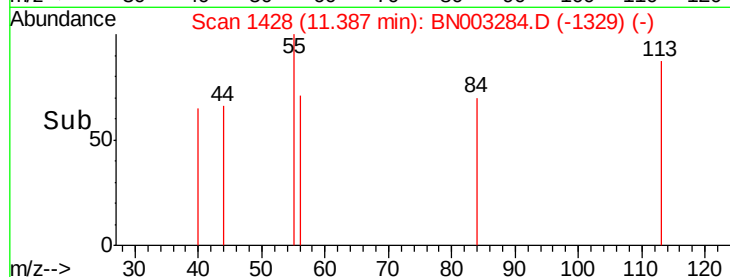
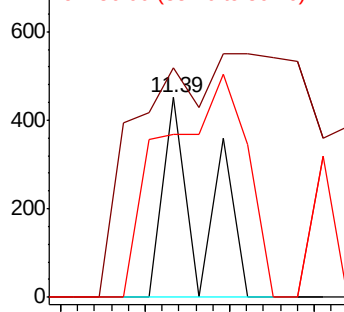
56 81.8 100.6 140.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 0.738 ng

RT: 11.77 min Scan# 1493

Delta R.T. 0.08 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

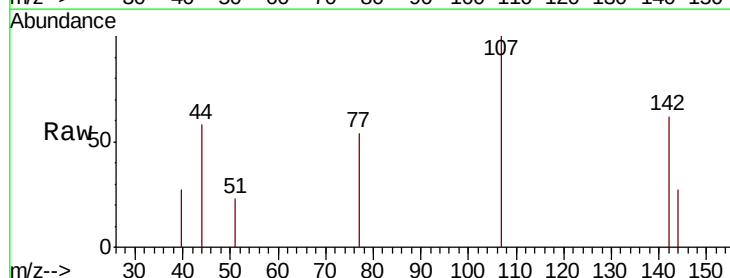
Tgt Ion:107 Resp: 5006

Ion Ratio Lower Upper

107 100

144 27.1 20.8 31.2

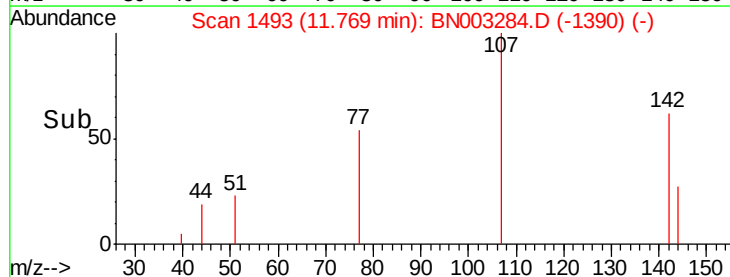
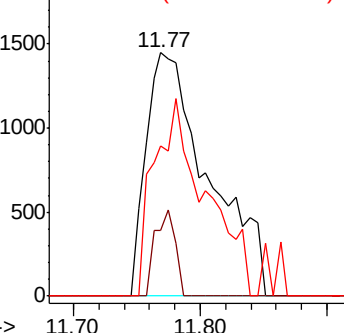
142 61.8 63.5 95.3#

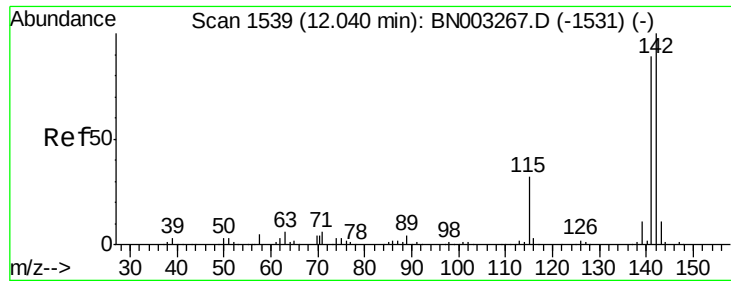


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

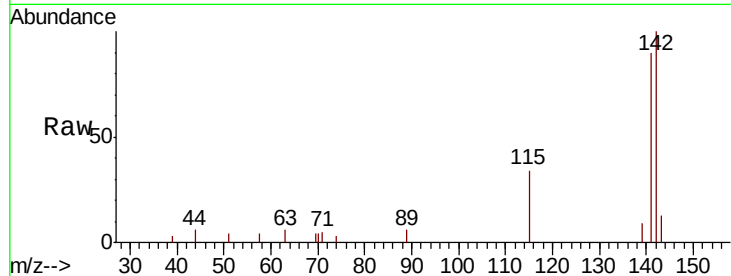




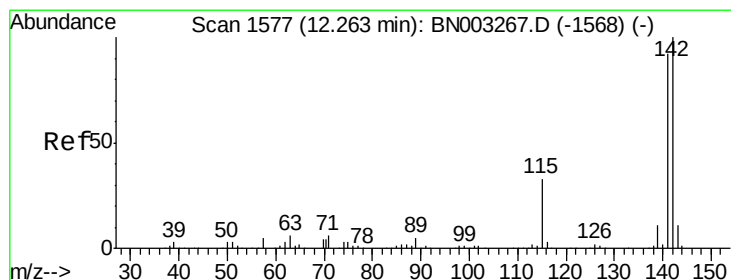
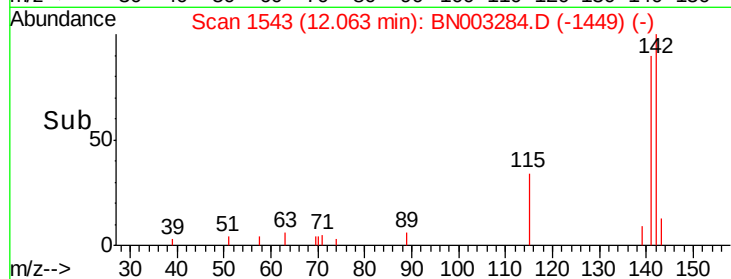
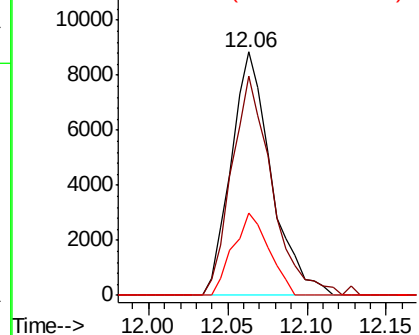
#37
2-Methylnaphthalene
Concen: 1.102 ng
RT: 12.06 min Scan# 1543
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 15587
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4
115 33.9 25.5 38.3

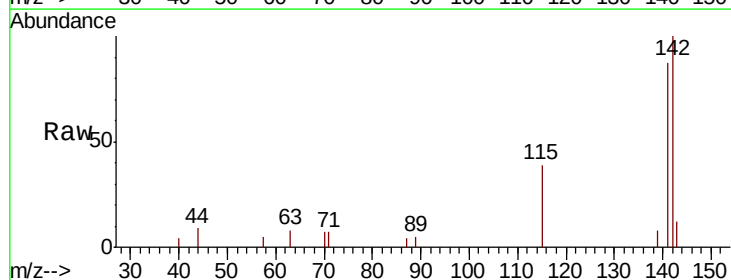


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

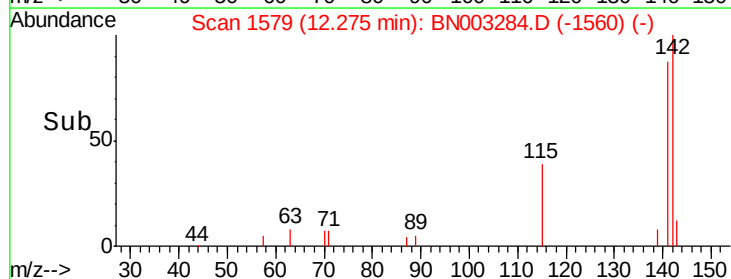
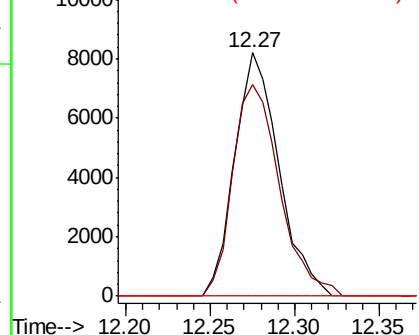


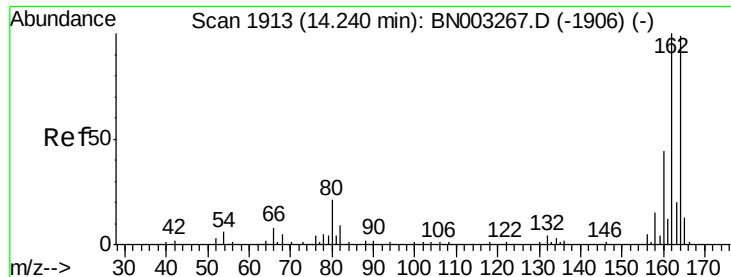
#38
1-Methylnaphthalene
Concen: 1.084 ng
RT: 12.27 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:142 Resp: 14976
Ion Ratio Lower Upper
142 100
141 87.2 73.6 110.4
116 0.0 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: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampled :

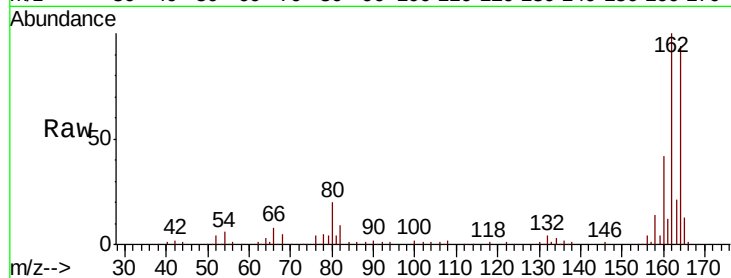
Tot Ion:164 Resp: 259351

Ion Ratio Lower Upper

164 100

162 106.3 80.8 121.2

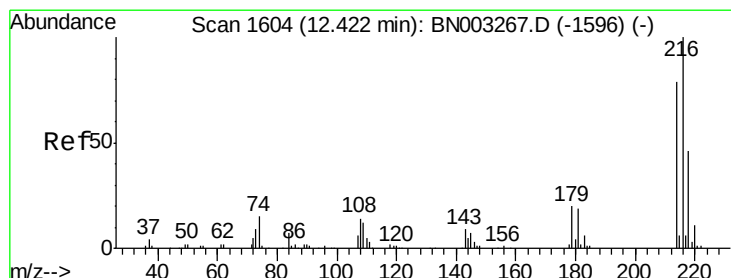
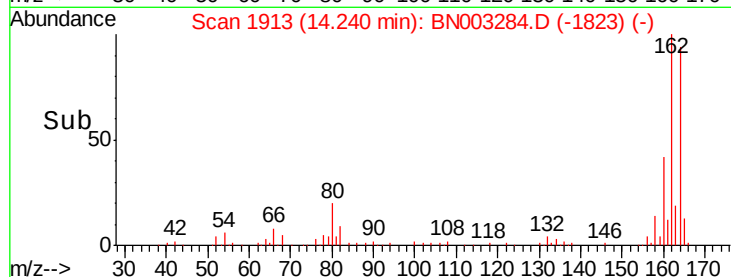
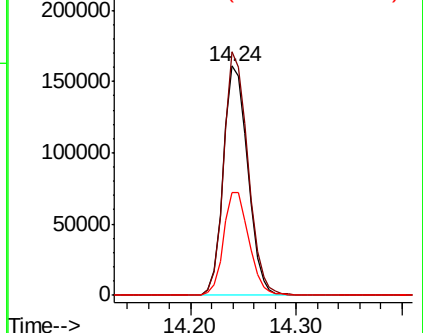
160 44.8 35.5 53.3



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: 0.909 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Tgt Ion:216 Resp: 7795

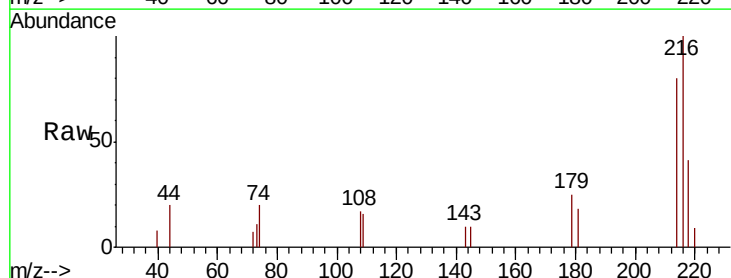
Ion Ratio Lower Upper

216 100

214 73.5 62.8 94.2

179 19.4 16.0 24.0

108 13.9 12.9 19.3

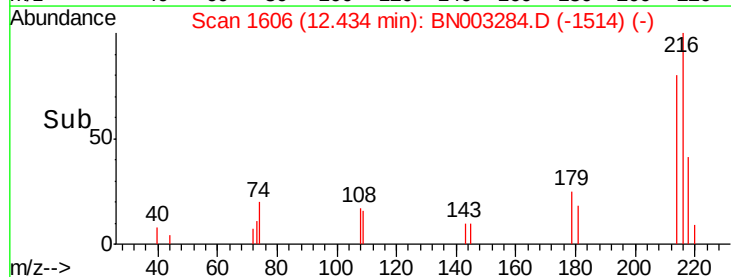
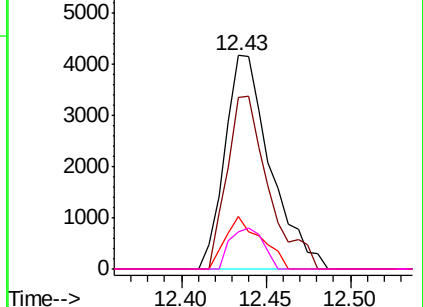


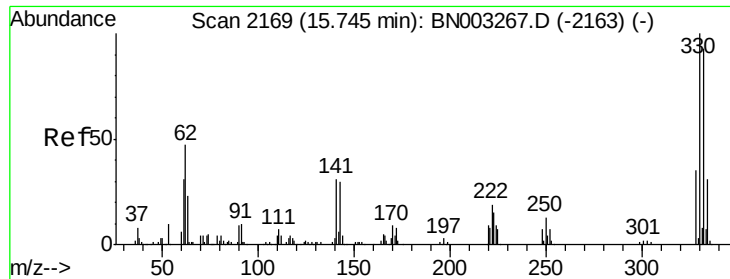
Abundance Ion 216.00 (215.70 to 216.70): E

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

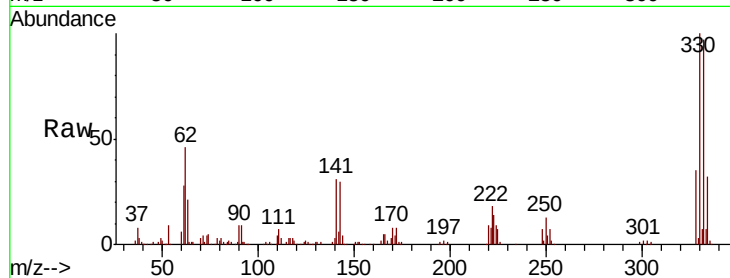




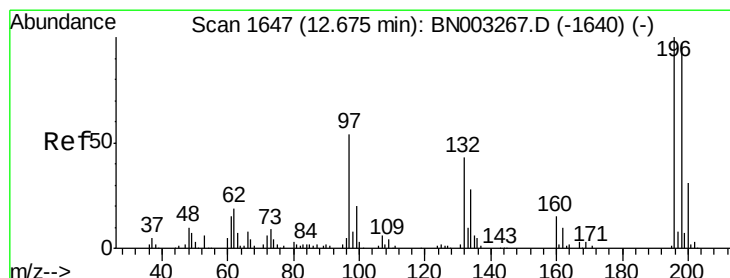
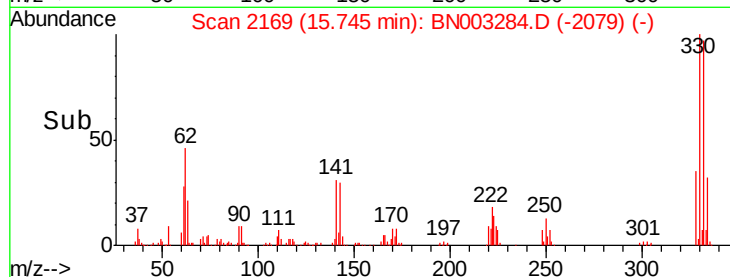
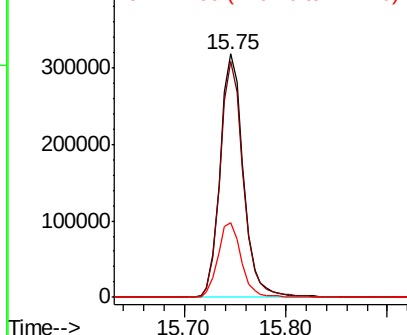
#42
 2,4,6-Tribromophenol
 Concen: 145.380 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 507702
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 31.0 24.5 36.7

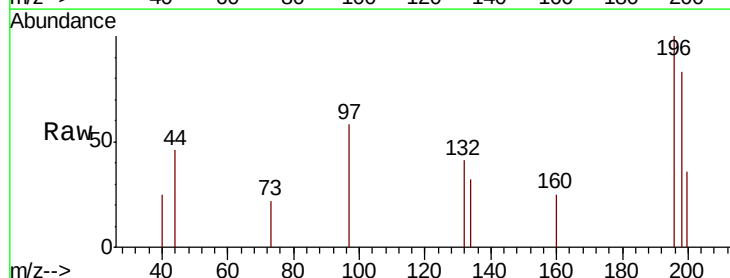


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

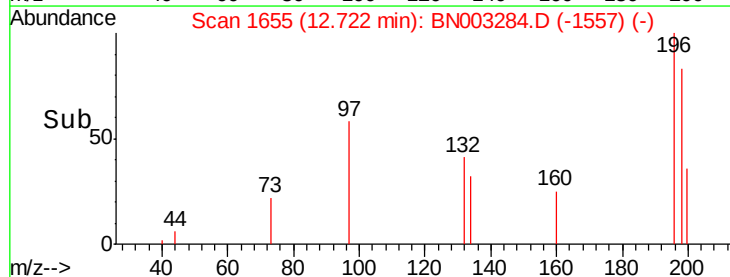
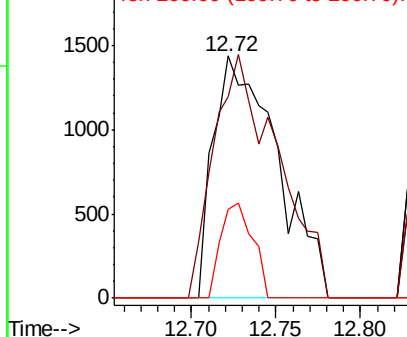


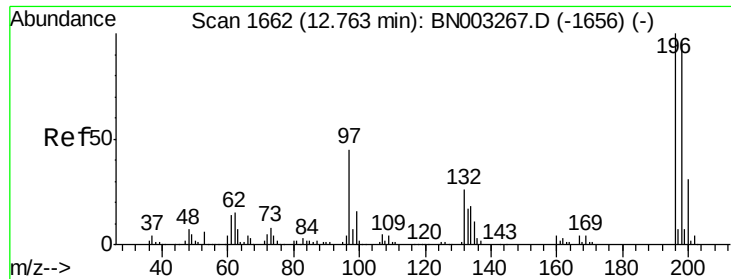
#43
 2,4,6-Trichlorophenol
 Concen: 0.702 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.05 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:196 Resp: 3805
 Ion Ratio Lower Upper
 196 100
 198 83.2 77.4 116.0
 200 36.5 25.0 37.6



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

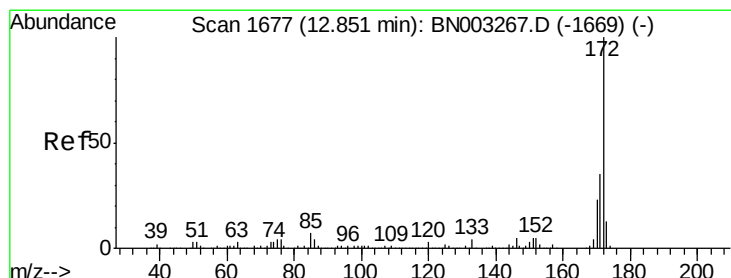
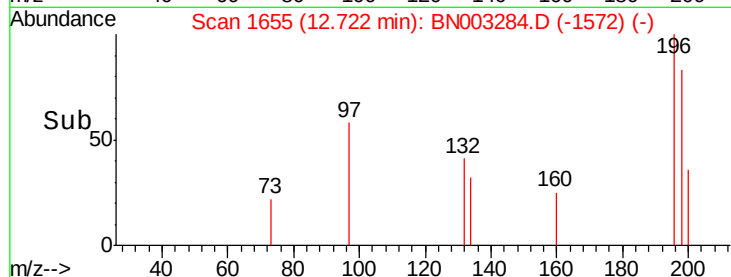
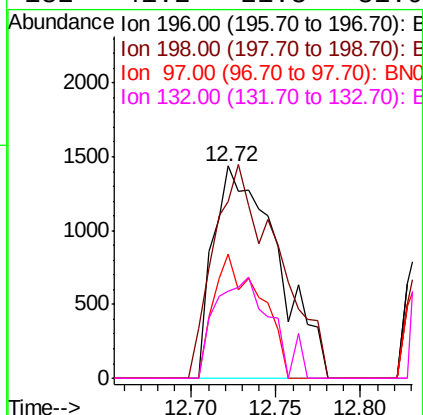
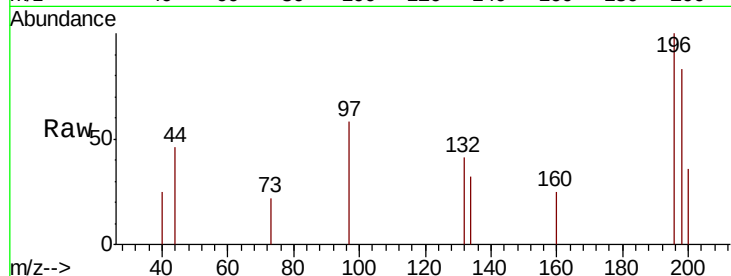




#44
 2,4,5-Trichlorophenol
 Concen: 0.673 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

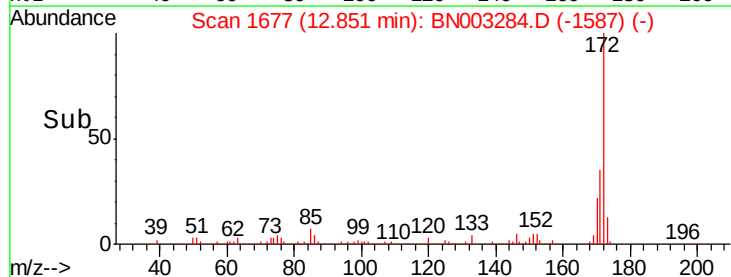
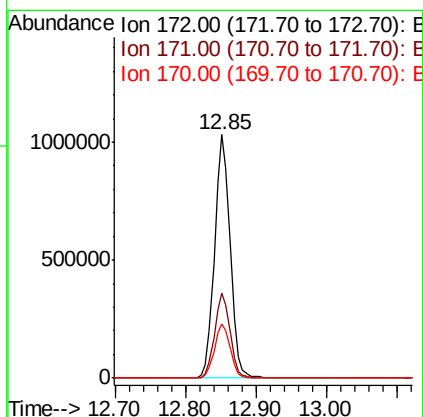
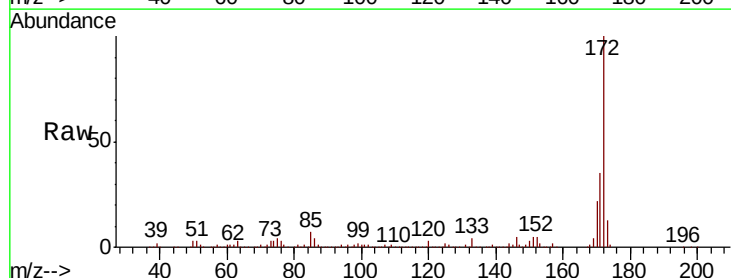
Instrument :
 BNA_N
 ClientSampled :

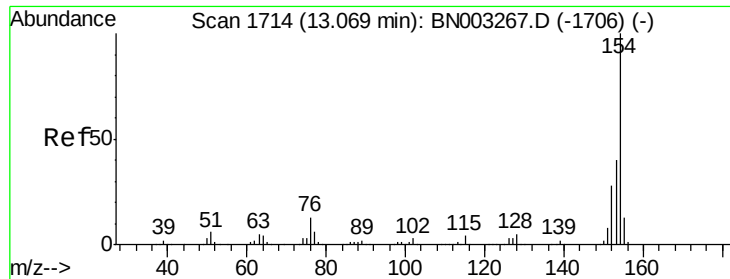
Tot Ion:196 Resp: 3805
 Ion Ratio Lower Upper
 196 100
 198 83.2 76.8 115.2
 97 58.4 35.8 53.8#
 132 41.2 21.3 31.9#



#45
 2-Fluorobiphenyl
 Concen: 82.580 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:172 Resp: 1578954
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.4
 170 22.3 18.4 27.6

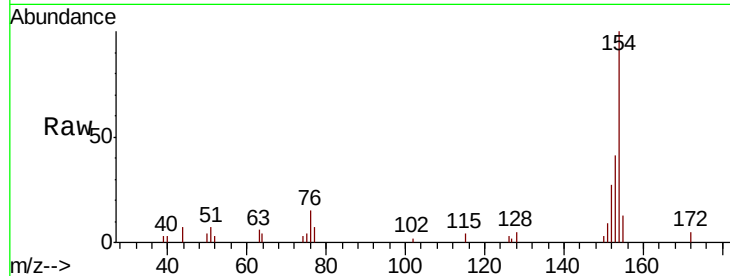




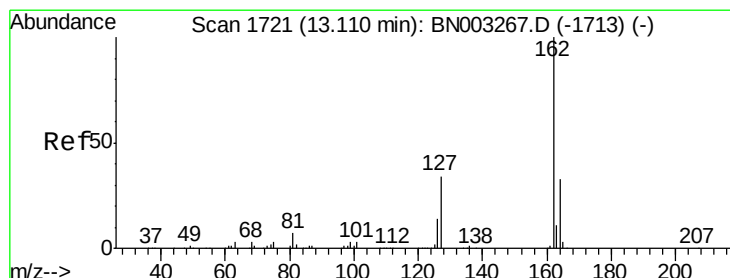
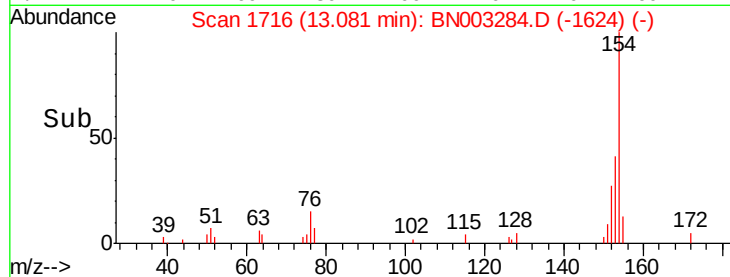
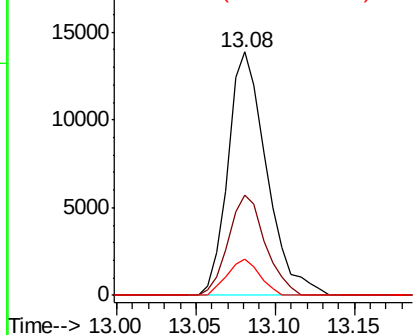
#46
 1,1'-Biphenyl
 Concen: 1.027 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	14.8	0.0	33.3

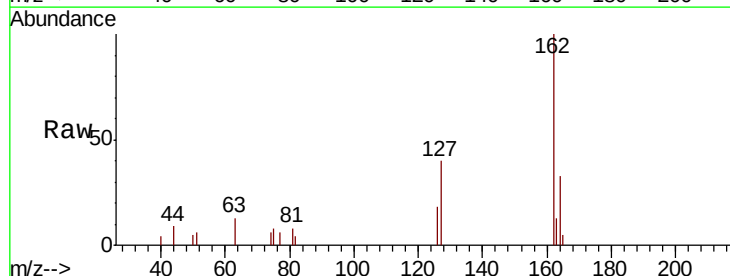


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

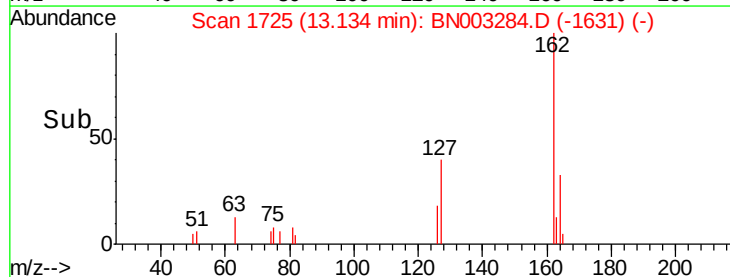
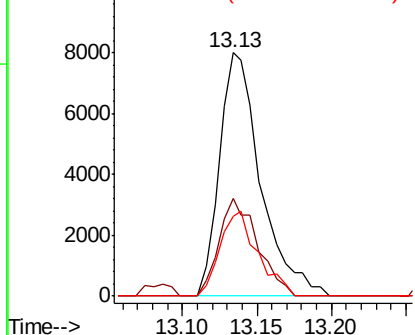


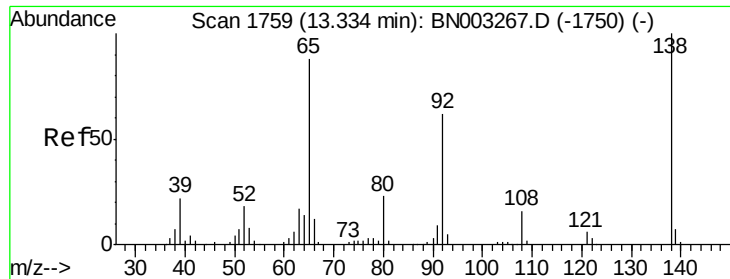
#47
 2-Chloronaphthalene
 Concen: 0.917 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. 0.02 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	29.8	44.6
164	32.8	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

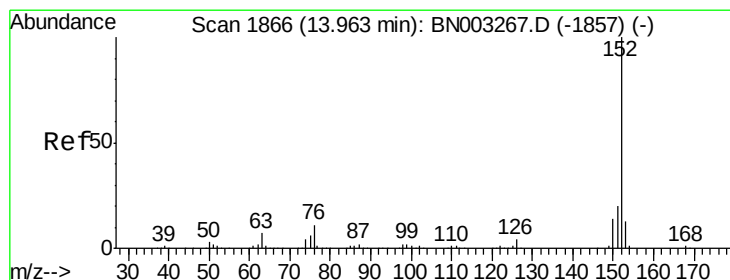
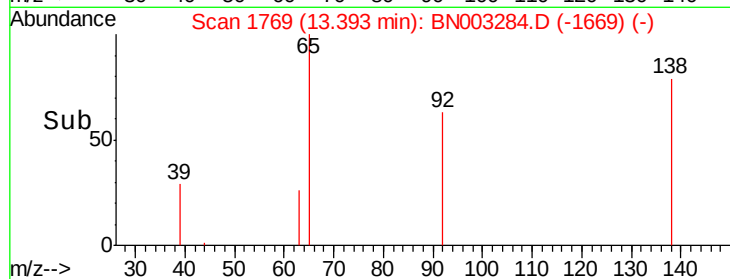
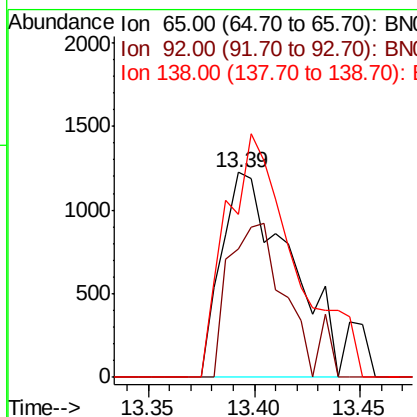
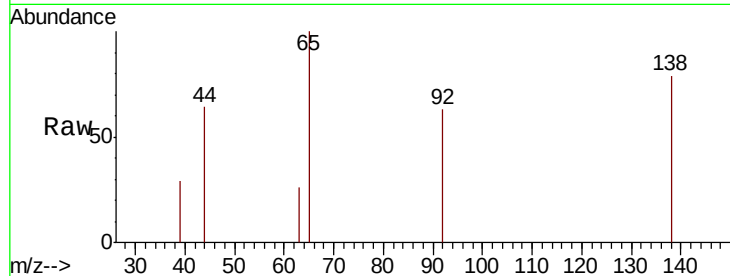




#48
 2-Nitroaniline
 Concen: 0.555 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. 0.06 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

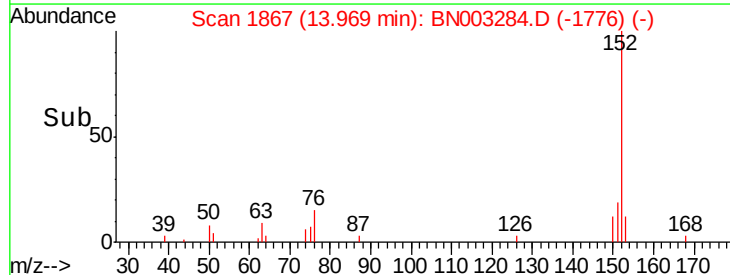
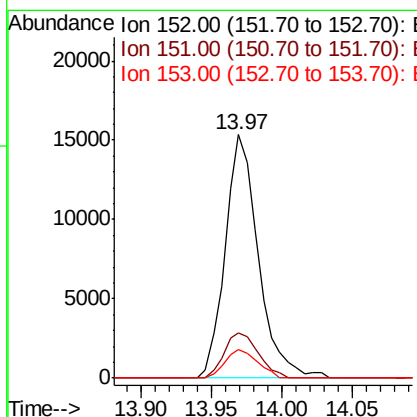
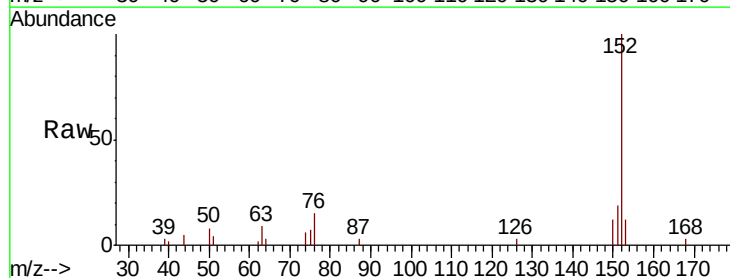
Instrument :
 BNA_N
 ClientSampleId :

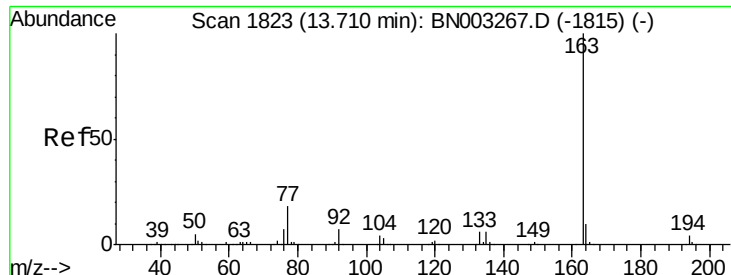
Tot Ion: 65 Resp: 2738
 Ion Ratio Lower Upper
 65 100
 92 63.0 56.1 84.1
 138 79.5 90.6 136.0#



#49
 Acenaphthylene
 Concen: 0.980 ng
 RT: 13.97 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion: 152 Resp: 25174
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.8 23.6
 153 11.5 10.3 15.5





#50

Dimethylphthalate

Concen: 0.978 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.02 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

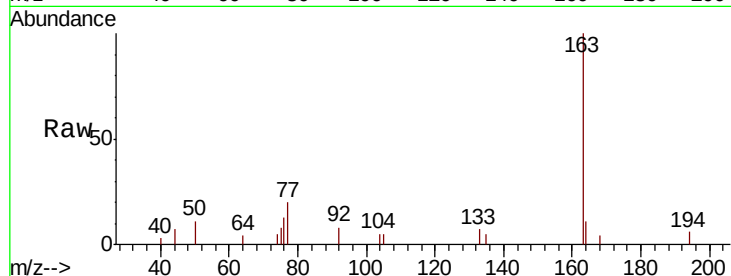
Tot Ion:163 Resp: 20507

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

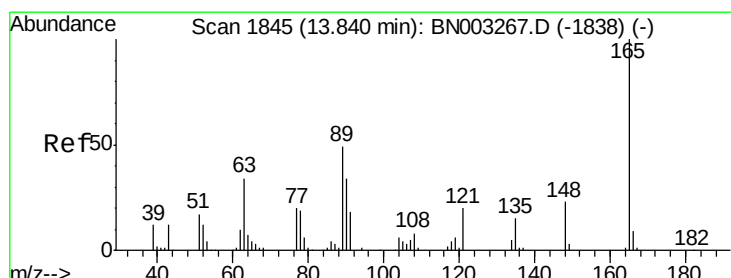
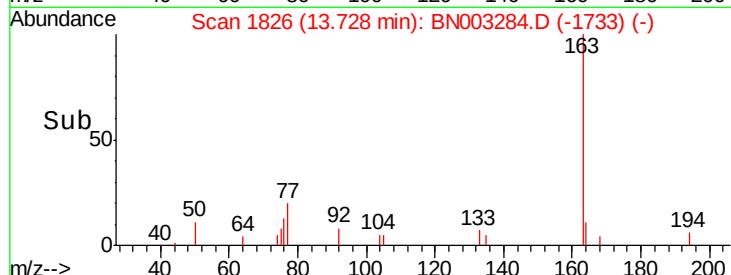
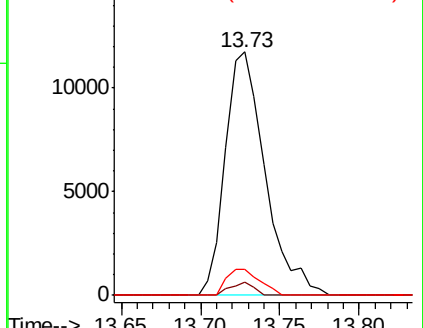
164 10.7 7.9 11.9



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: 0.699 ng

RT: 13.87 min Scan# 1850

Delta R.T. 0.03 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

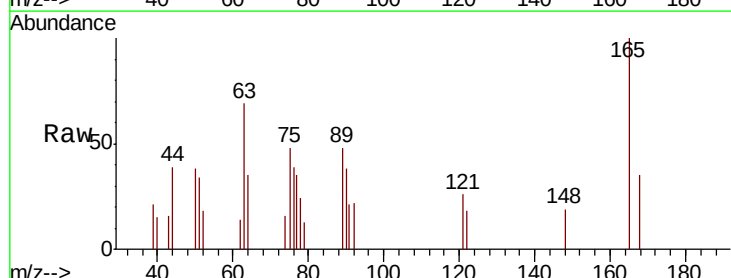
Tgt Ion:165 Resp: 3329

Ion Ratio Lower Upper

165 100

63 69.5 39.2 58.8#

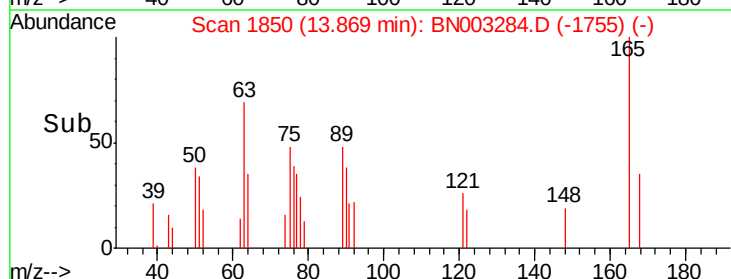
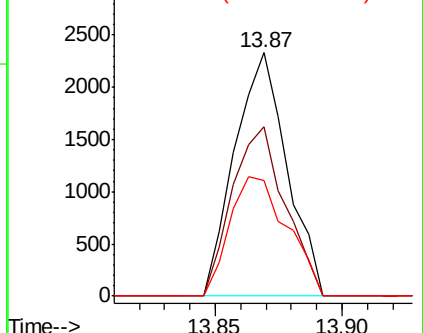
89 47.7 38.9 58.3

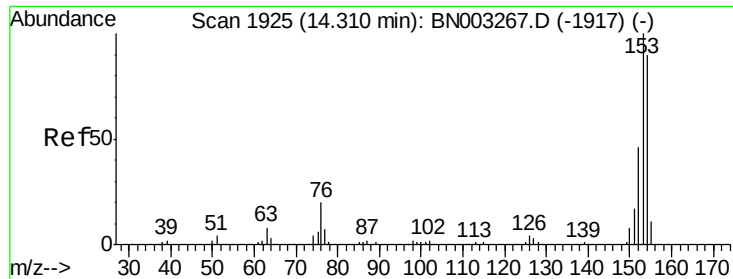


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#52

Acenaphthene

Concen: 1.071 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampled :

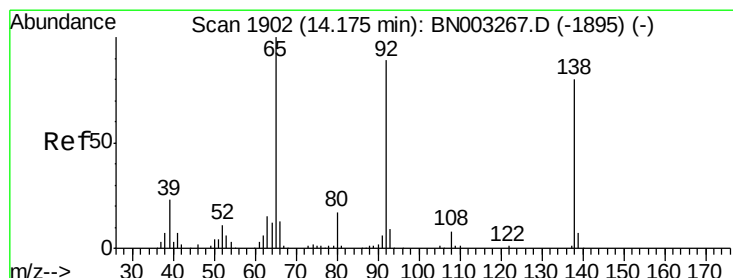
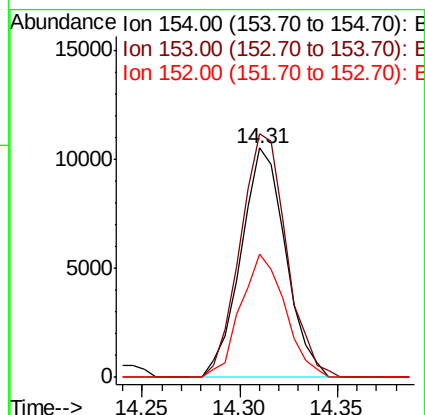
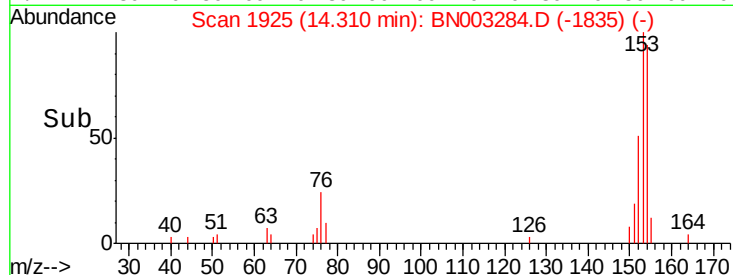
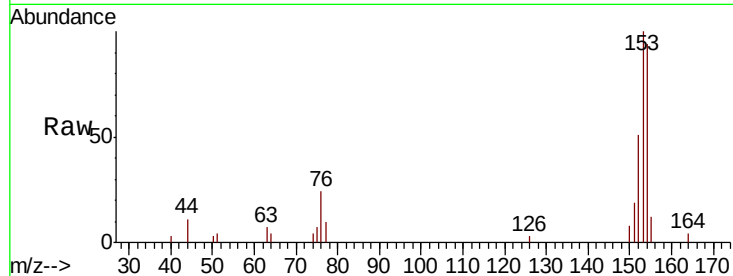
Tot Ion:154 Resp: 16678

Ion Ratio Lower Upper

154 100

153 106.3 89.3 133.9

152 53.9 41.2 61.8



#53

3-Nitroaniline

Concen: 0.382 ng

RT: 14.24 min Scan# 1913

Delta R.T. 0.06 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

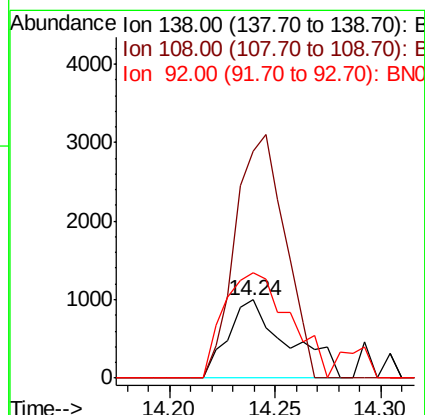
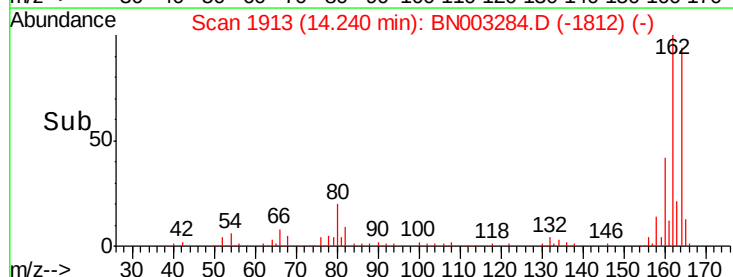
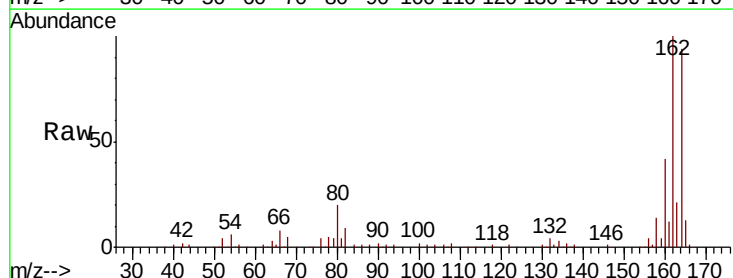
Tgt Ion:138 Resp: 1946

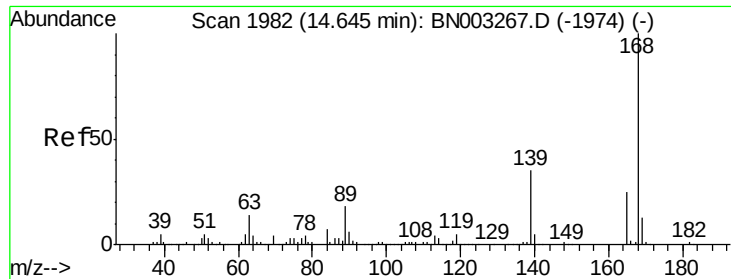
Ion Ratio Lower Upper

138 100

108 289.9 8.4 12.6#

92 135.3 89.6 134.4#





#55

Dibenzenofuran

Concen: 1.031 ng

RT: 14.67 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

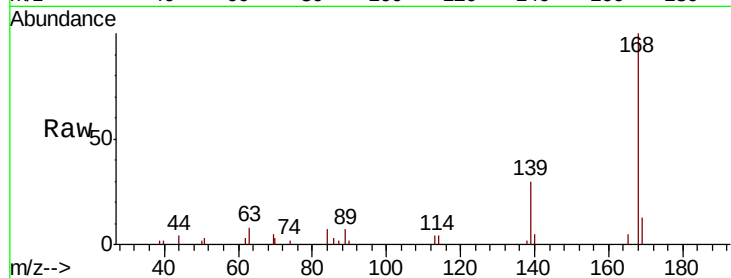
Tot Ion:168 Resp: 26106

Ion Ratio Lower Upper

168 100

139 30.0 28.5 42.7

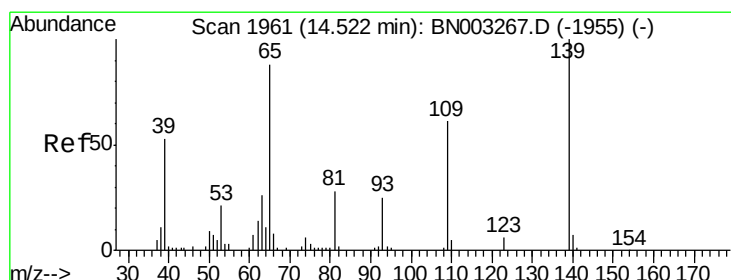
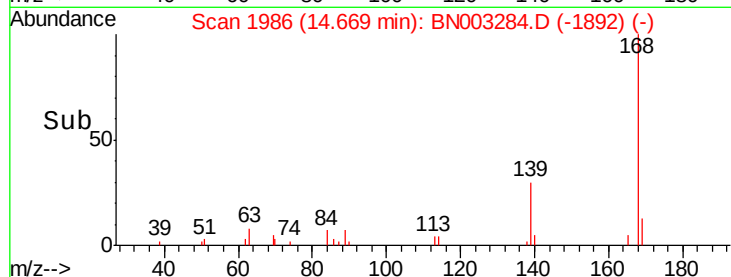
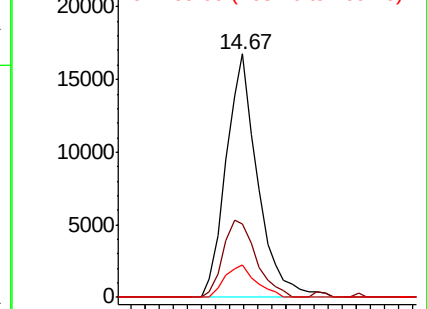
169 13.3 10.3 15.5



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: 7.626 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.14 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

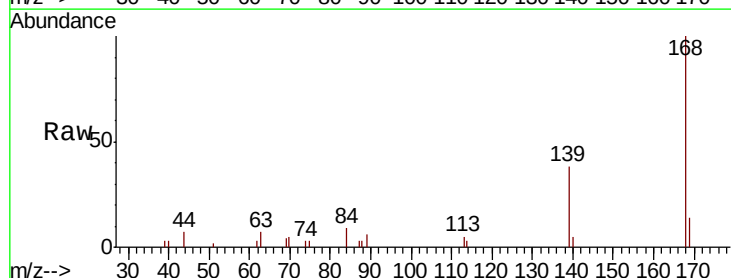
Tgt Ion:139 Resp: 8681

Ion Ratio Lower Upper

139 100

109 0.0 40.7 80.7#

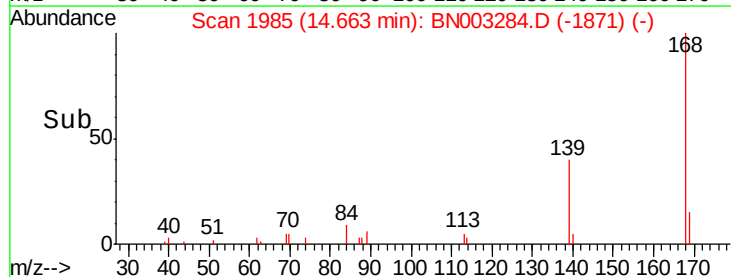
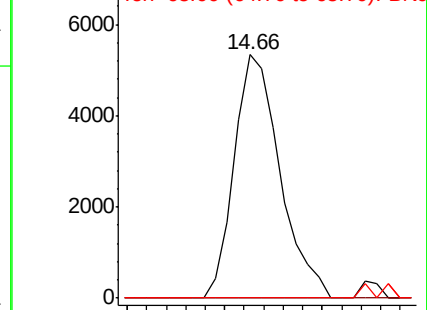
65 0.0 68.0 108.0#

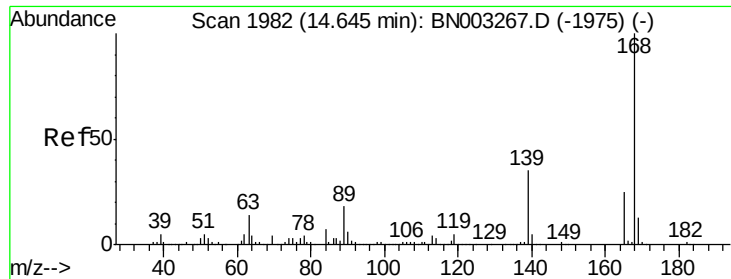


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

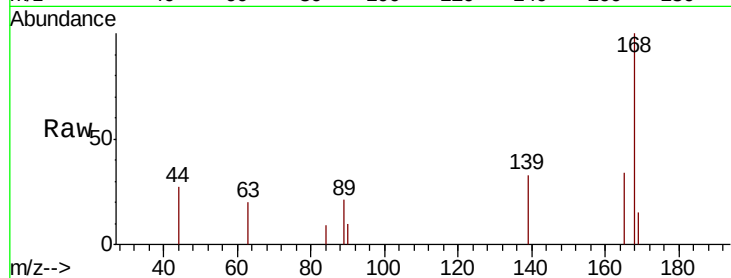




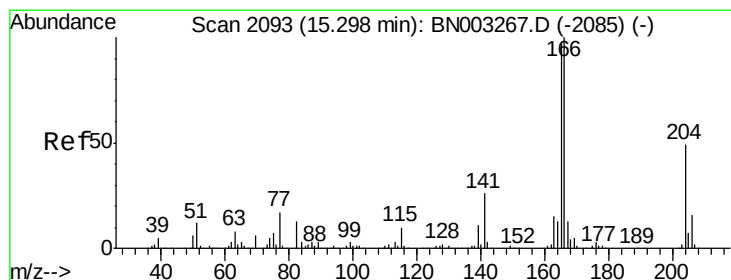
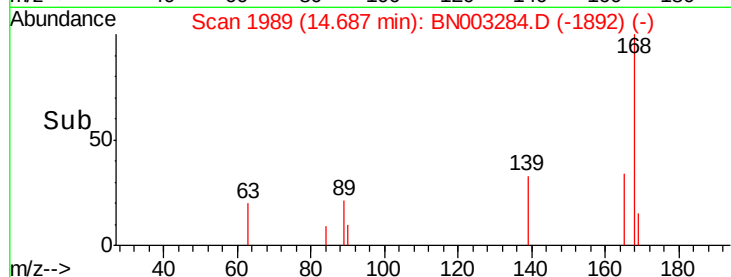
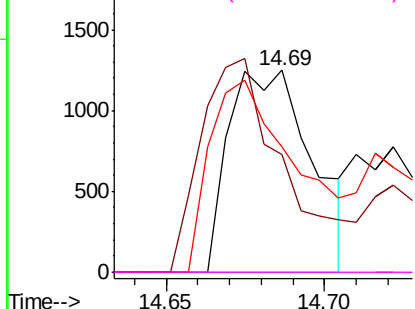
#57
 2,4-Dinitrotoluene
 Concen: 0.353 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. 0.04 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 2275
 Ion Ratio Lower Upper
 165 100
 63 58.1 45.8 68.6
 89 61.9 58.7 88.1
 182 0.0 2.3 3.5#

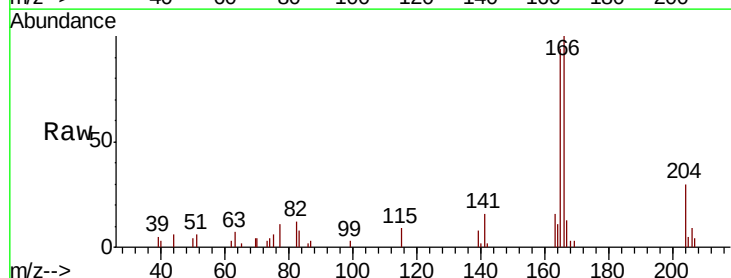


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

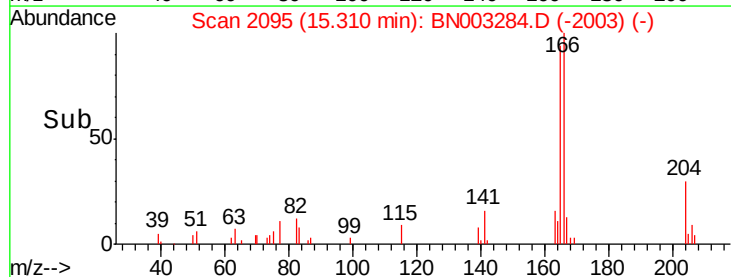
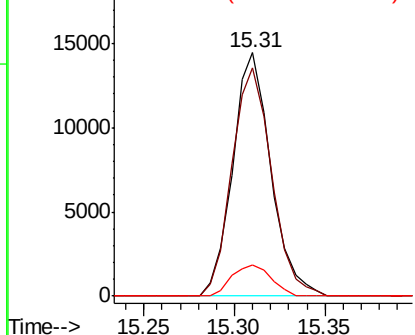


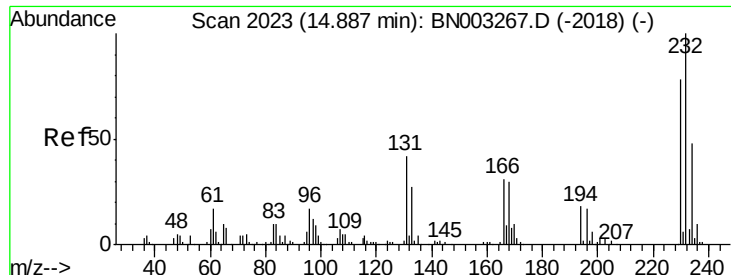
#58
 Fluorene
 Concen: 1.081 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:166 Resp: 21141
 Ion Ratio Lower Upper
 166 100
 165 94.0 77.6 116.4
 167 12.7 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

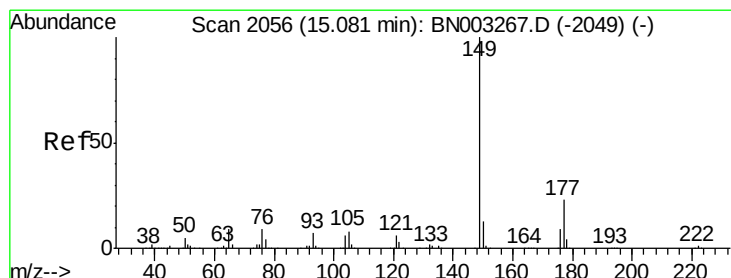
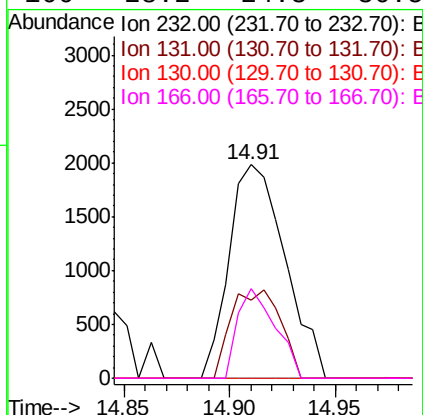
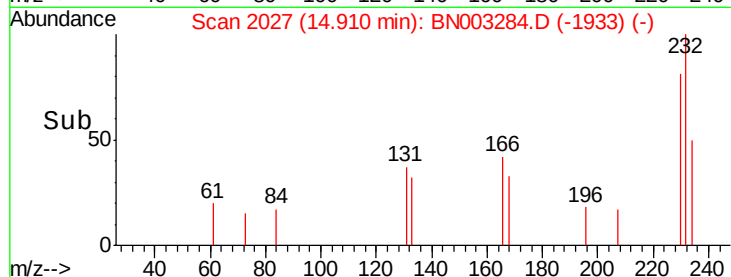
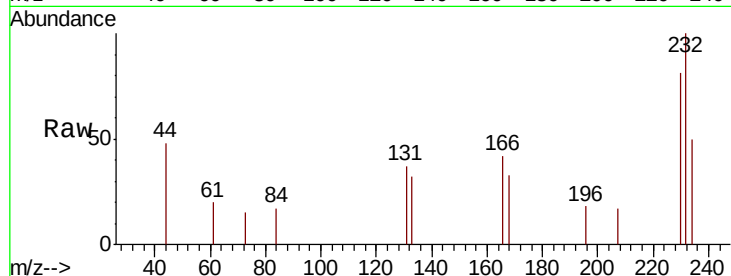




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.732 ng
RT: 14.91 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

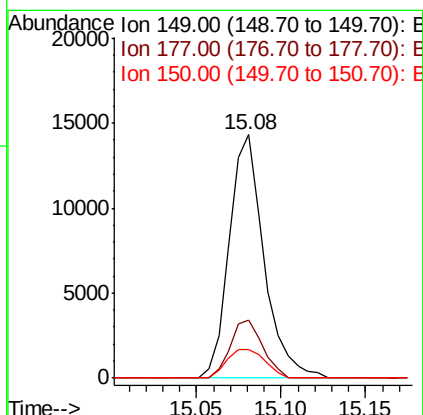
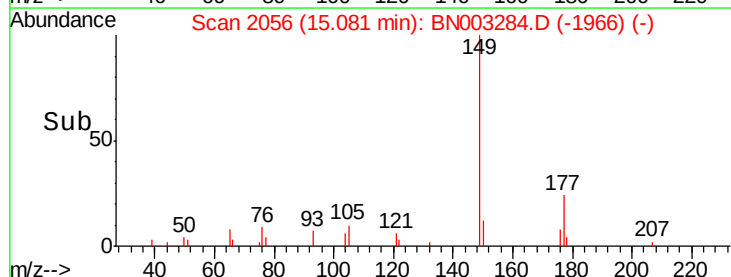
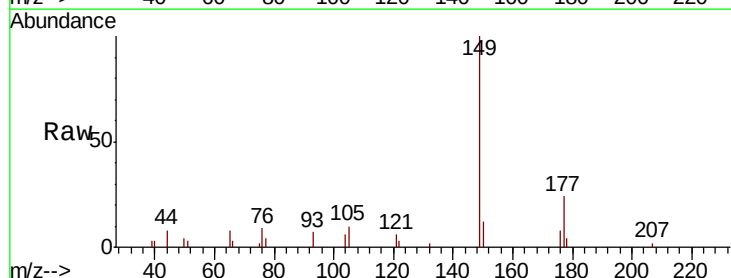
Instrument :
BNA_N
ClientSampleId :

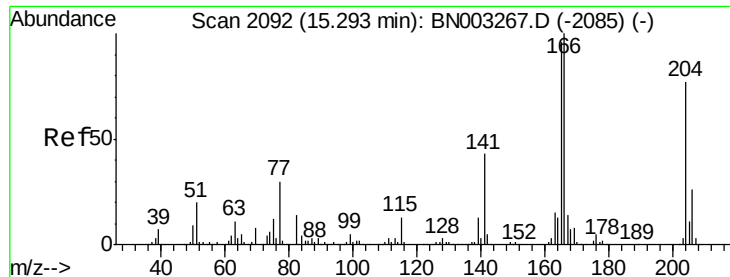
Tot Ion:232 Resp: 3636
Ion Ratio Lower Upper
232 100
131 36.5 33.7 50.5
130 0.0 1.6 2.4#
166 28.2 24.3 36.5



#60
Diethylphthalate
Concen: 0.958 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:149 Resp: 20384
Ion Ratio Lower Upper
149 100
177 23.9 18.6 28.0
150 11.7 10.0 15.0

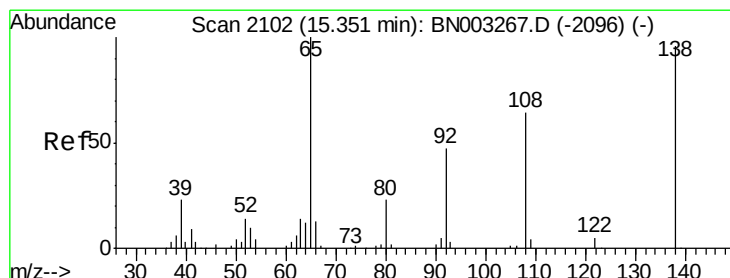
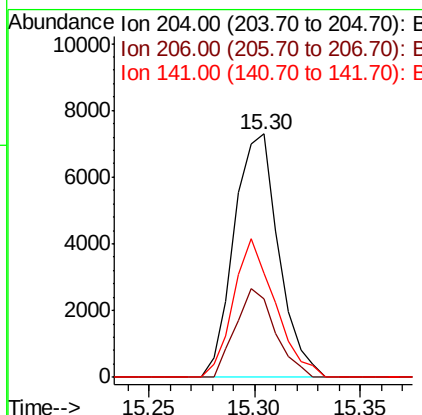
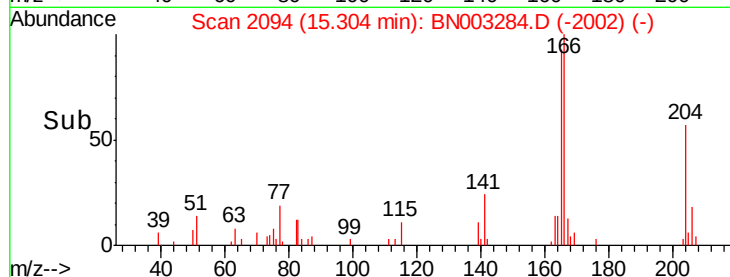
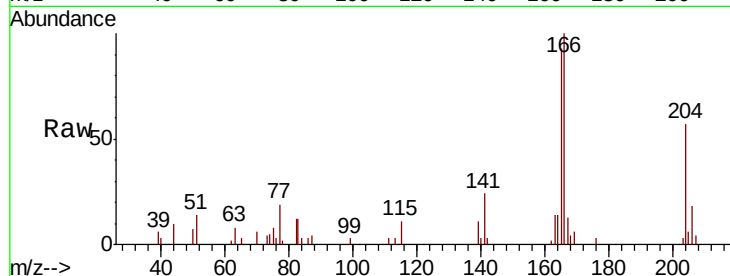




#61
 4-Chlorophenyl-phenylether
 Concen: 0.982 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

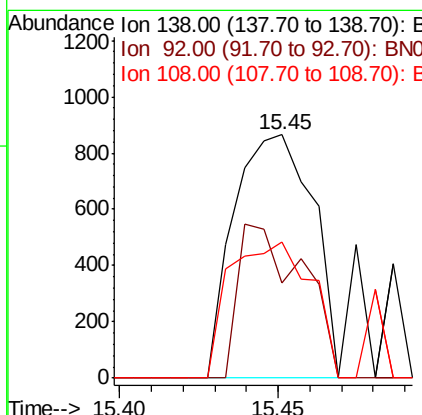
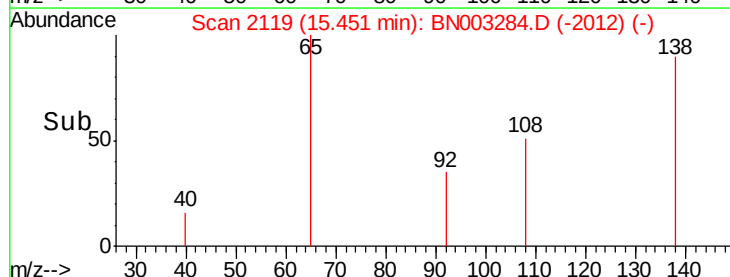
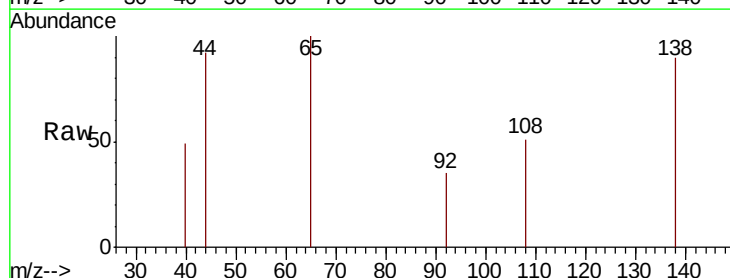
Instrument :
 BNA_N
 ClientSampled :

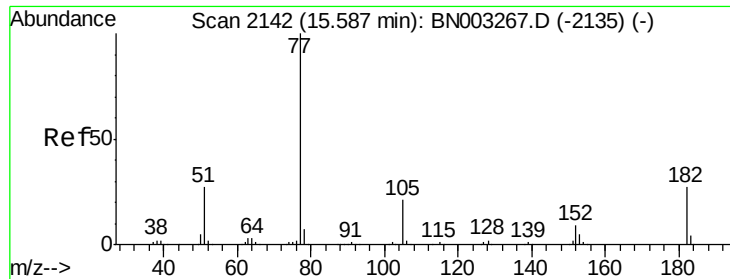
Tot Ion:204 Resp: 10666
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.6 39.8
 141 42.7 44.6 67.0#



#62
 4-Nitroaniline
 Concen: 0.301 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. 0.10 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:138 Resp: 1498
 Ion Ratio Lower Upper
 138 100
 92 39.1 27.9 67.9
 108 56.1 46.3 86.3

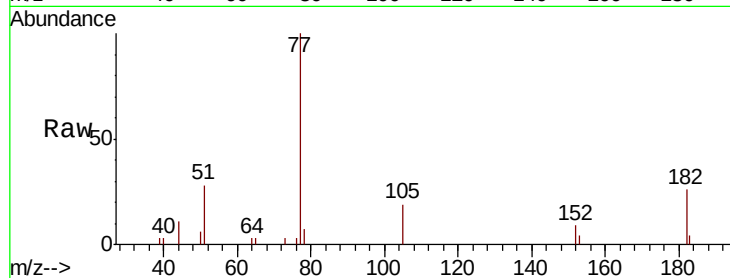




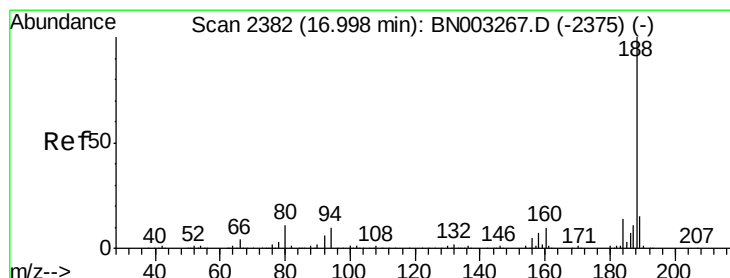
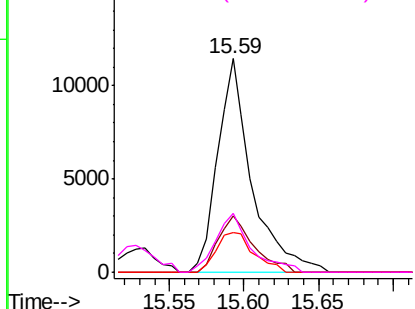
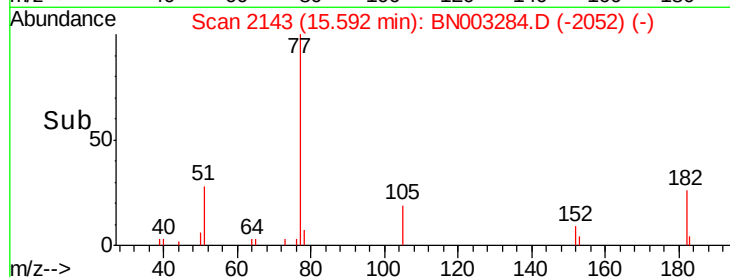
#63
Azobenzene
Concen: 0.930 ng
RT: 15.59 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 18286
Ion Ratio Lower Upper
77 100
182 26.1 6.5 46.5
105 18.9 1.0 41.0
51 27.6 7.0 47.0

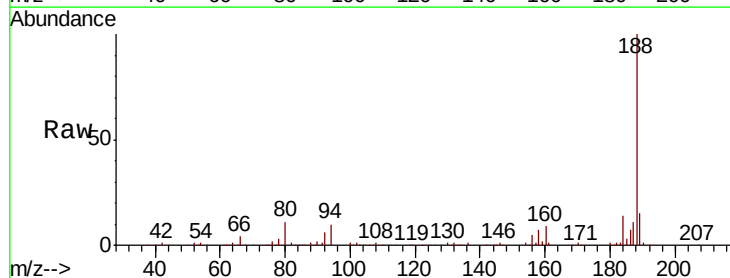


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BN0

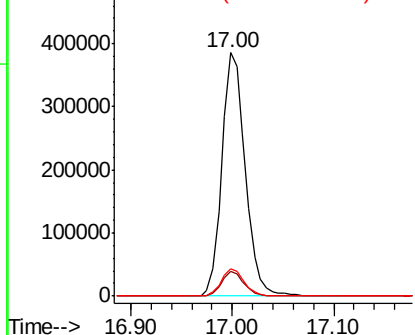
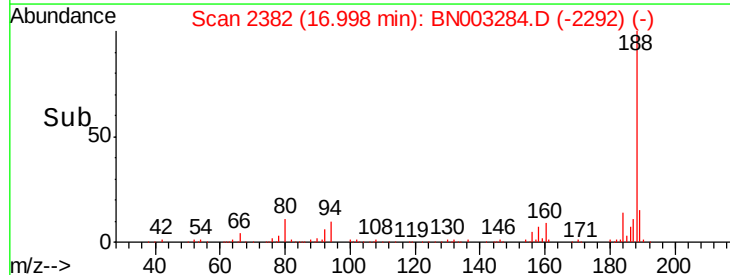


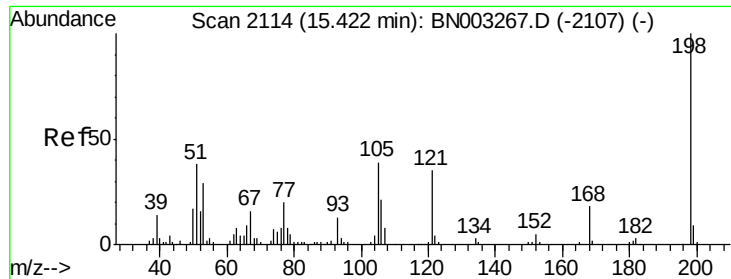
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion: 188 Resp: 617581
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BN0
Ion 80.00 (79.70 to 80.70): BN0





#65

4,6-Dinitro-2-methylphenol

Concen: 0.055 ng

RT: 15.53 min Scan# 2132

Delta R.T. 0.11 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

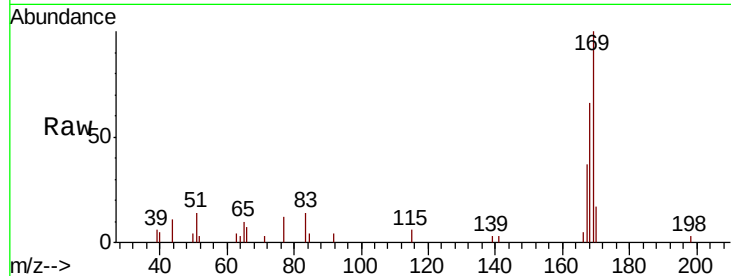
Tot Ion:198 Resp: 239

Ion Ratio Lower Upper

198 100

51 419.1 19.2 59.2#

105 0.0 18.9 58.9#

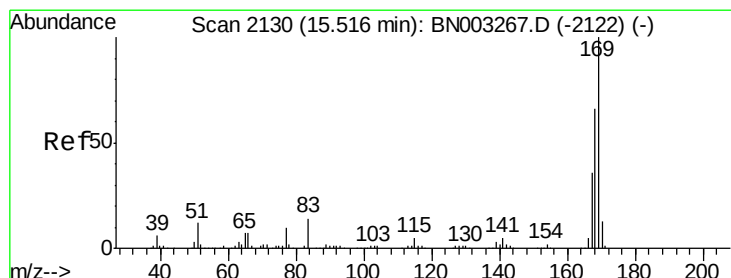
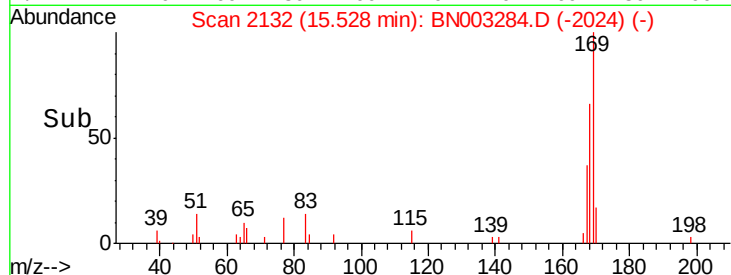
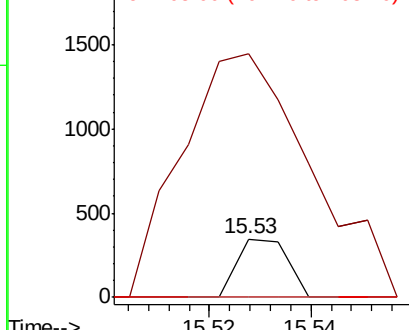


Abundance

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: 0.880 ng

RT: 15.53 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

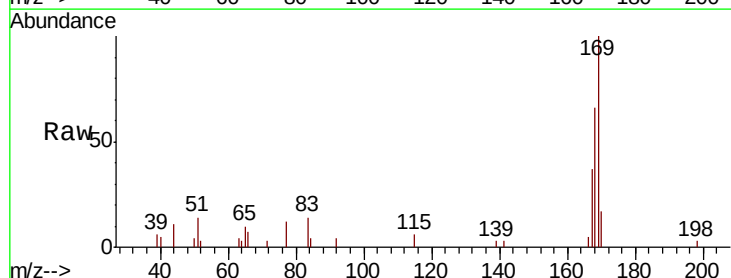
Tgt Ion:169 Resp: 17007

Ion Ratio Lower Upper

169 100

168 65.8 53.3 79.9

167 37.5 28.6 43.0

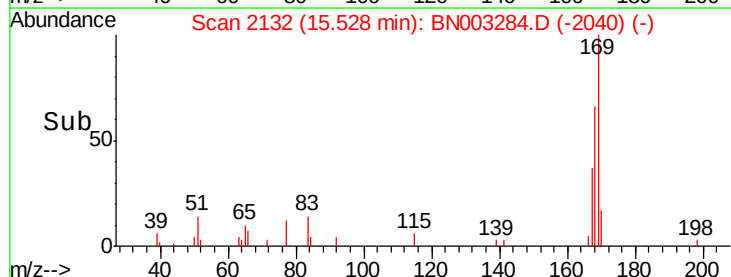
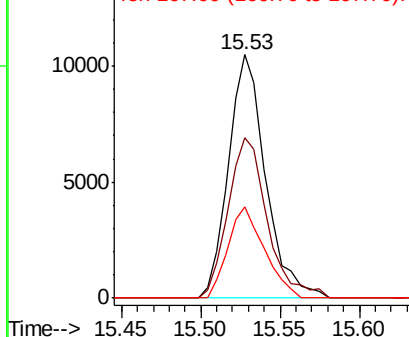


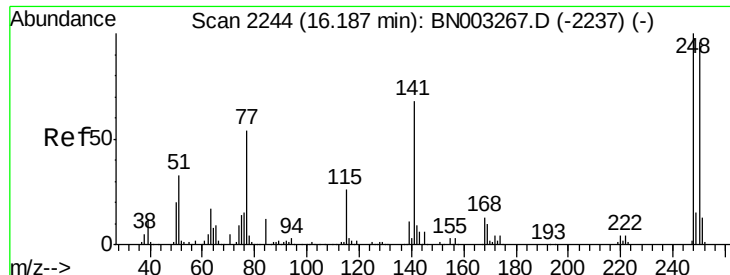
Abundance

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

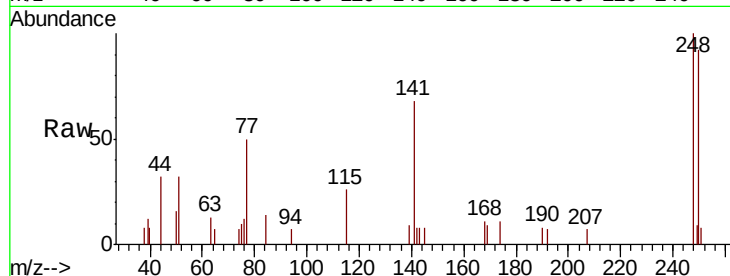




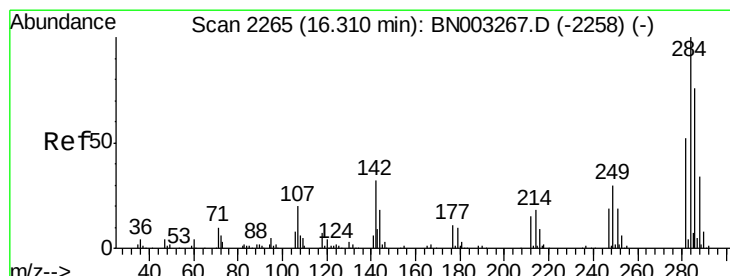
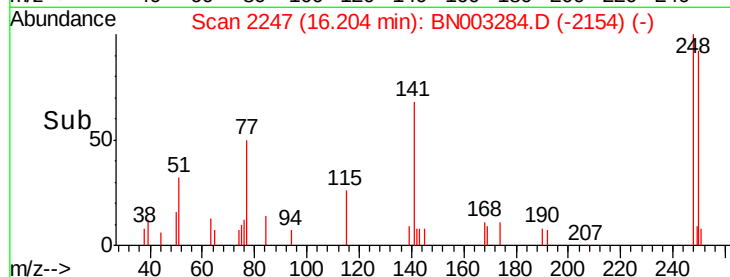
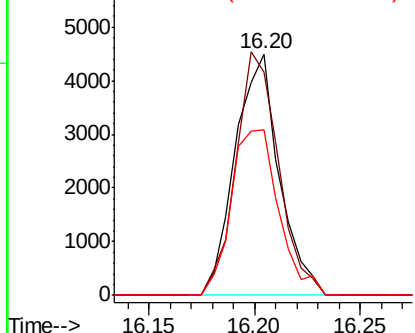
#67
 4-Bromophenyl-phenylether
 Concen: 0.937 ng
 RT: 16.20 min Scan# 2247
 Delta R.T. 0.02 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 6514
 Ion Ratio Lower Upper
 248 100
 250 92.2 76.4 114.6
 141 68.3 54.2 81.4

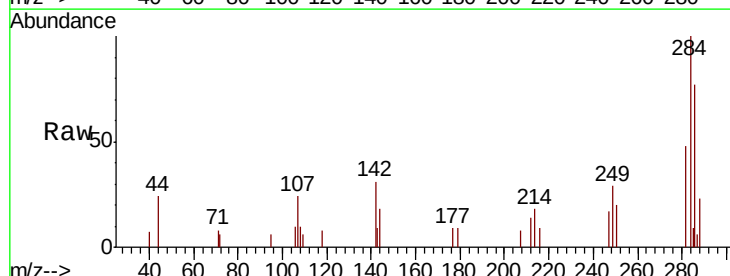


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

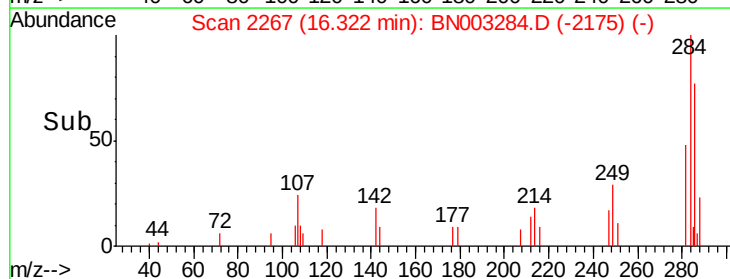
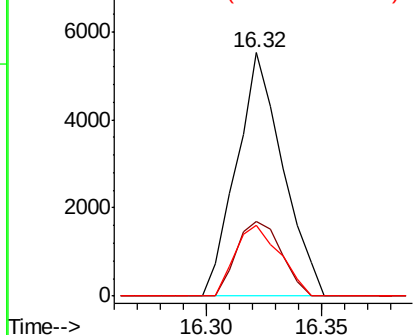


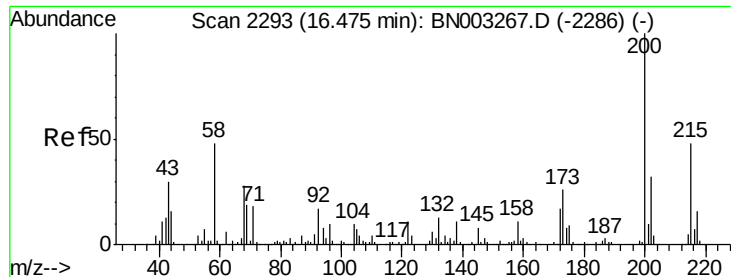
#68
 Hexachlorobenzene
 Concen: 0.972 ng
 RT: 16.32 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:284 Resp: 7698
 Ion Ratio Lower Upper
 284 100
 142 30.8 25.6 38.4
 249 29.0 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: 0.803 ng

RT: 16.49 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

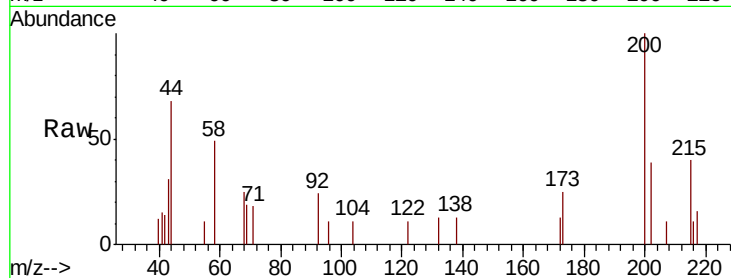
Tot Ion:200 Resp: 5501

Ion Ratio Lower Upper

200 100

173 25.3 6.3 46.3

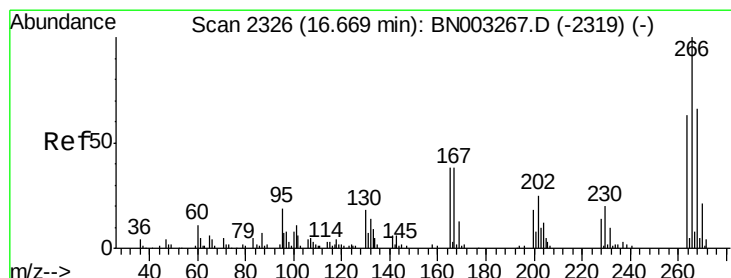
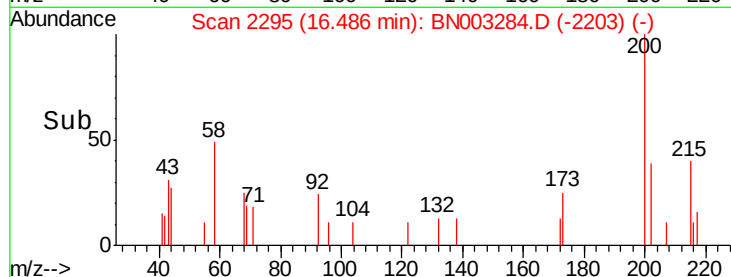
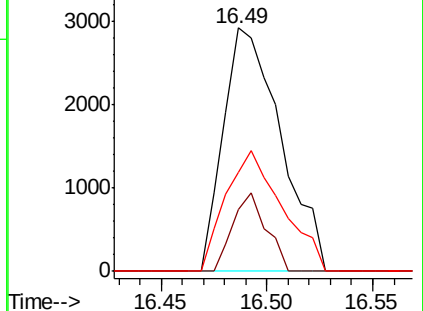
215 40.4 27.6 67.6



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: 6.584 ng

RT: 16.72 min Scan# 2335

Delta R.T. 0.05 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

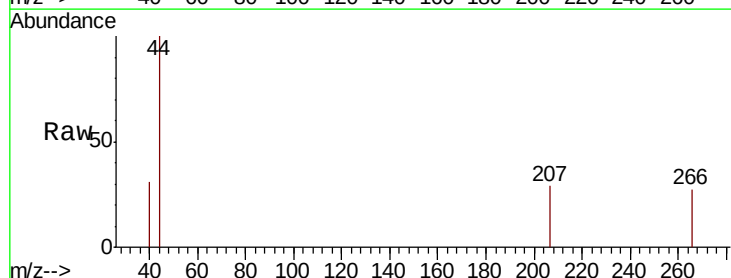
Tgt Ion:266 Resp: 224

Ion Ratio Lower Upper

266 100

268 0.0 52.5 78.7#

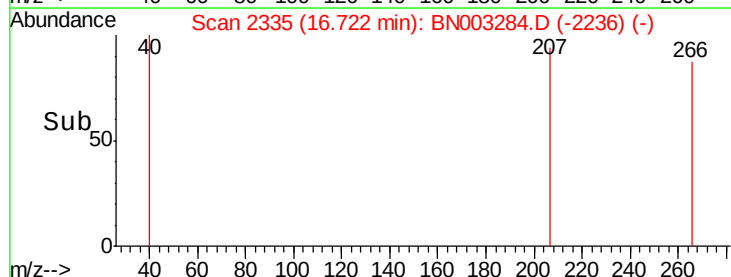
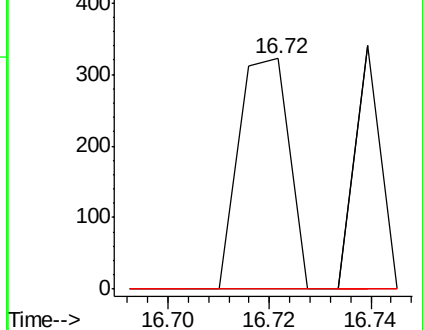
264 0.0 50.3 75.5#

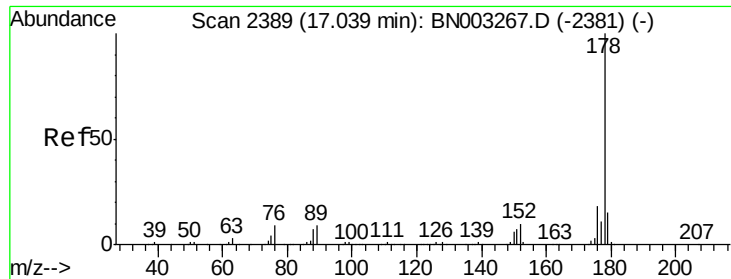


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

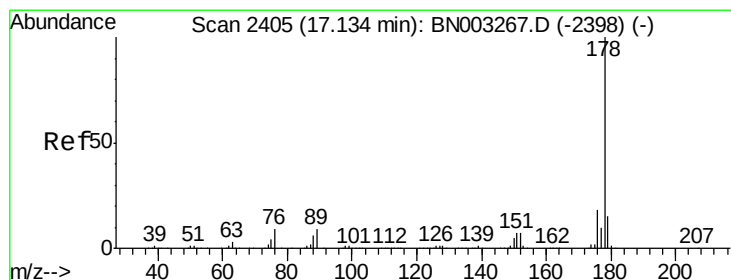
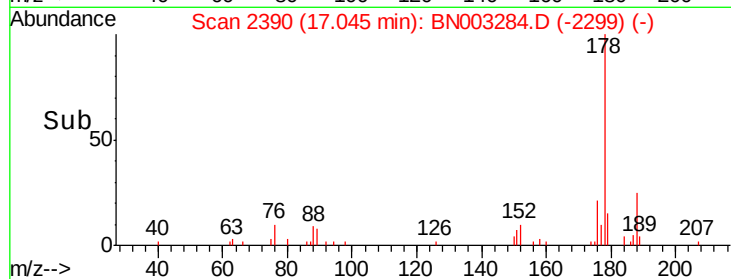
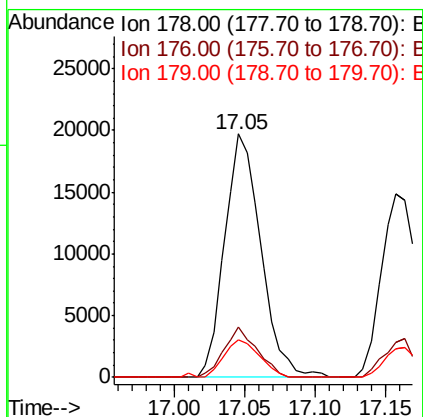
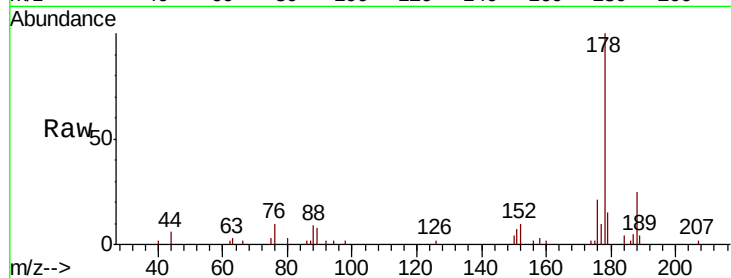




#71
Phenanthrene
Concen: 1.086 ng
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

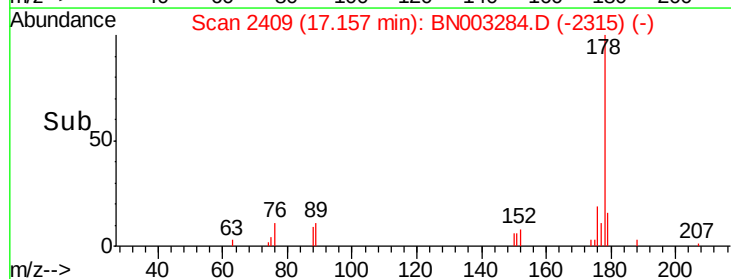
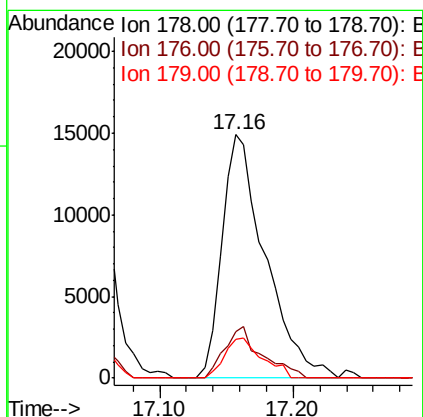
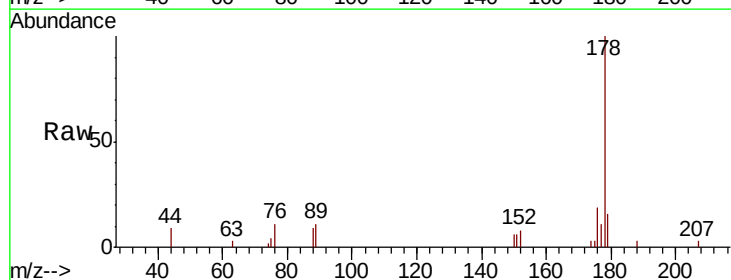
Instrument :
BNA_N
ClientSampled :

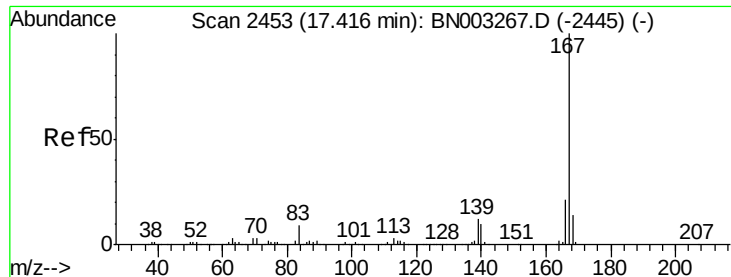
Tot Ion:178 Resp: 35252
Ion Ratio Lower Upper
178 100
176 20.9 14.4 21.6
179 15.3 12.2 18.4



#72
Anthracene
Concen: 1.041 ng
RT: 17.16 min Scan# 2409
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:178 Resp: 33720
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 15.8 12.1 18.1

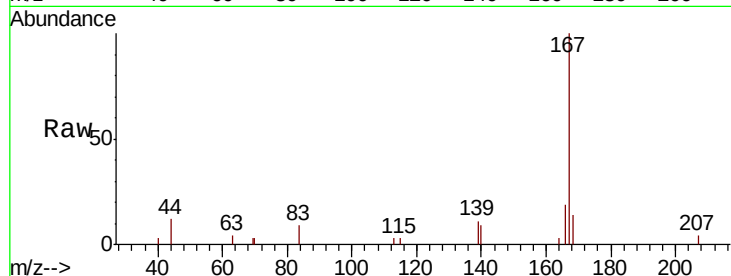




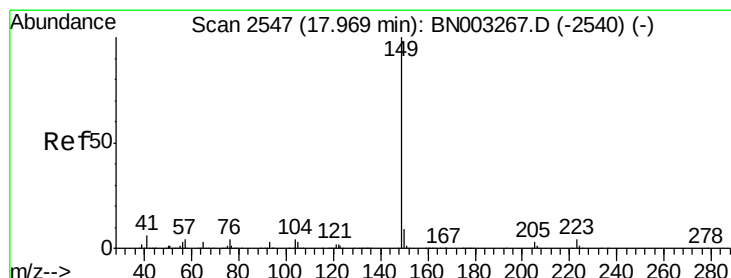
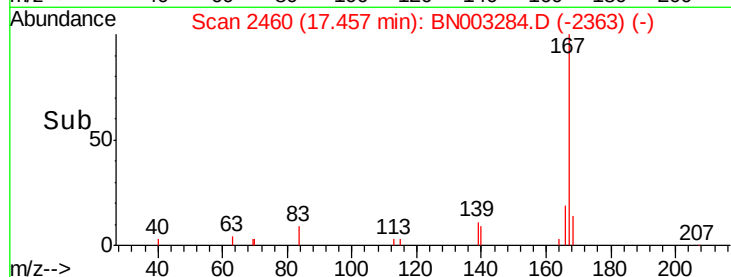
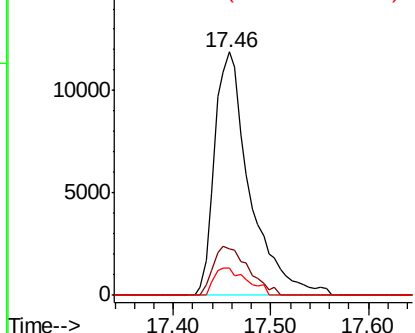
#73
 Carbazole
 Concen: 0.890 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.04 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 29871
 Ion Ratio Lower Upper
 167 100
 166 18.9 17.0 25.6
 139 11.1 9.9 14.9

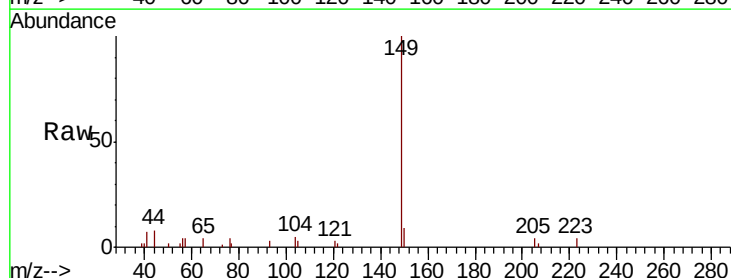


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

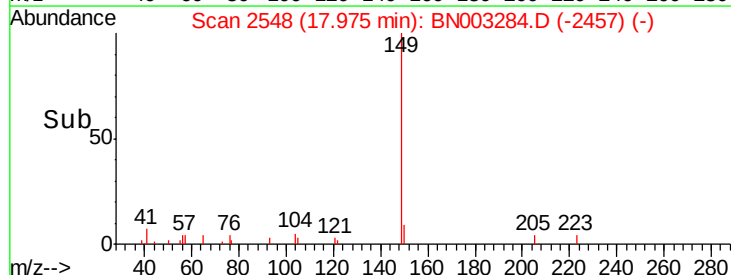
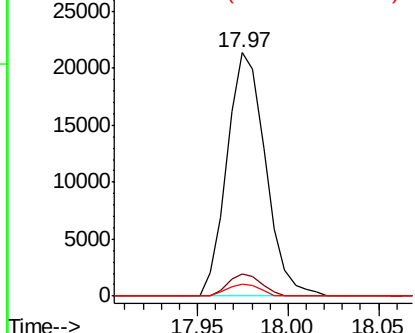


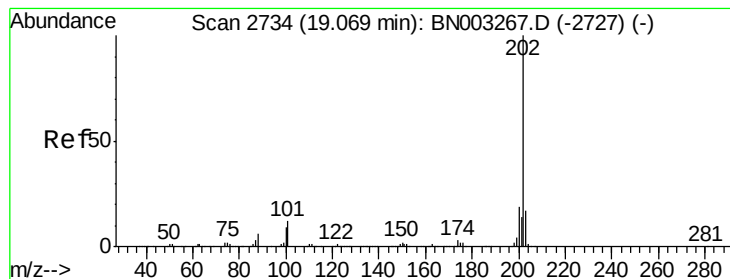
#74
 Di-n-butylphthalate
 Concen: 0.806 ng
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:149 Resp: 31532
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 1.033 ng

RT: 19.09 min Scan# 2737

Delta R.T. 0.02 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

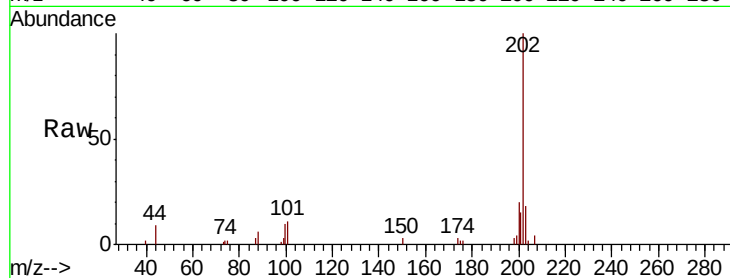
Tot Ion:202 Resp: 39511

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

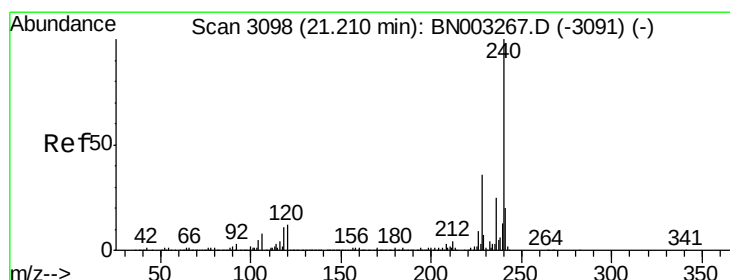
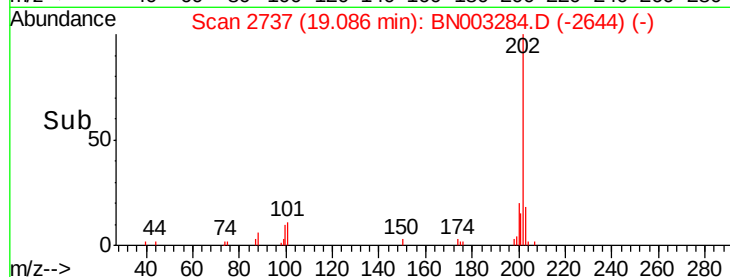
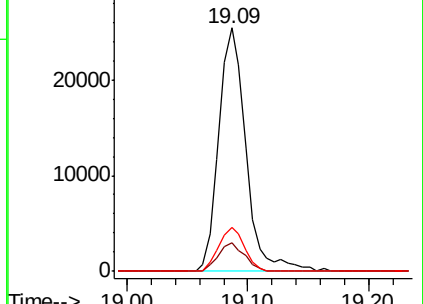
203 18.3 0.0 37.4



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: BN003284.D

Acq: 24 Oct 2018 22:38

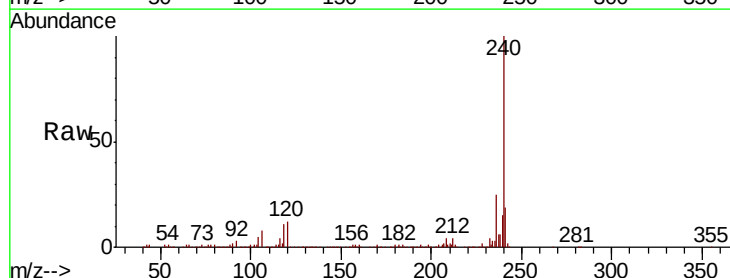
Tgt Ion:240 Resp: 706210

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.0

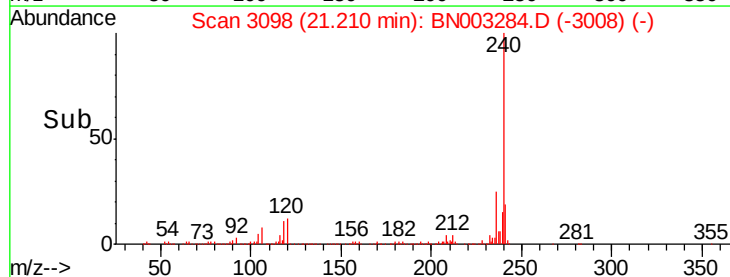
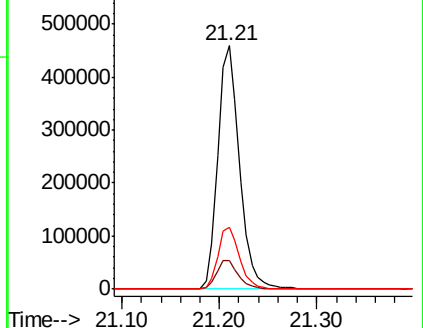
236 25.4 20.3 30.5

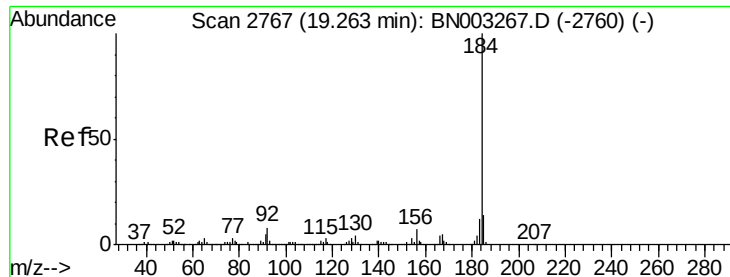


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.284 ng

RT: 19.31 min Scan# 2775

Delta R.T. 0.05 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

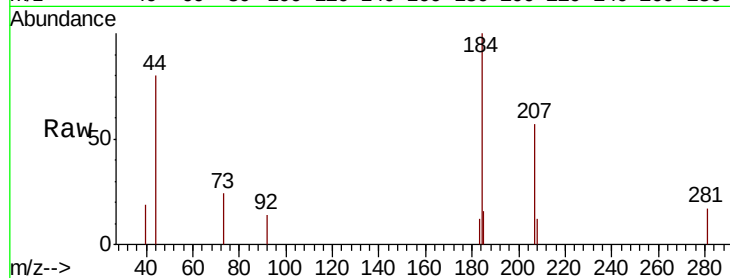
Tot Ion:184 Resp: 5863

Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

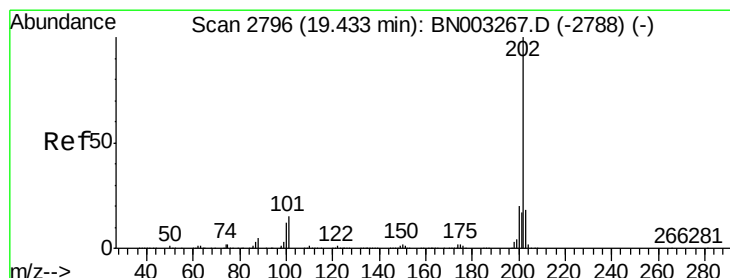
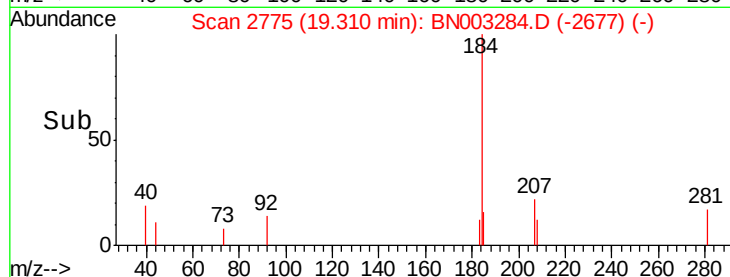
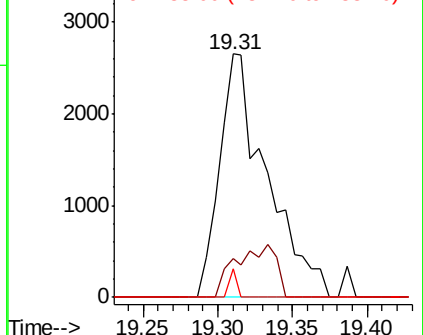
183 11.9 9.4 14.0



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: 1.036 ng

RT: 19.45 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

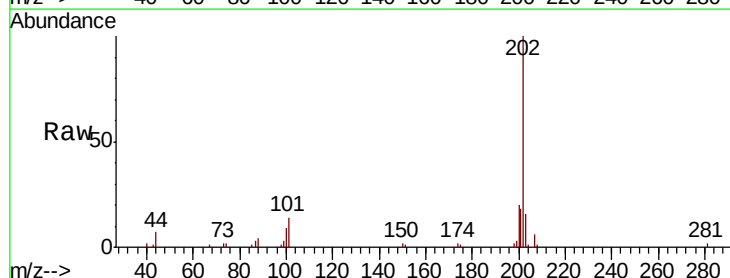
Tgt Ion:202 Resp: 42992

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

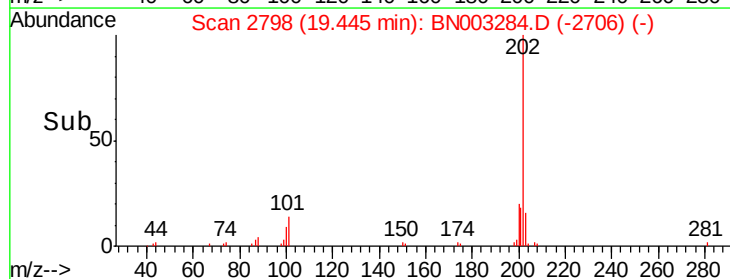
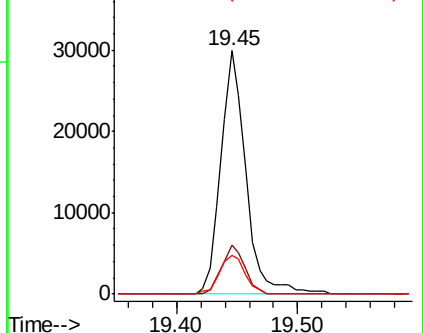
203 16.1 14.3 21.5

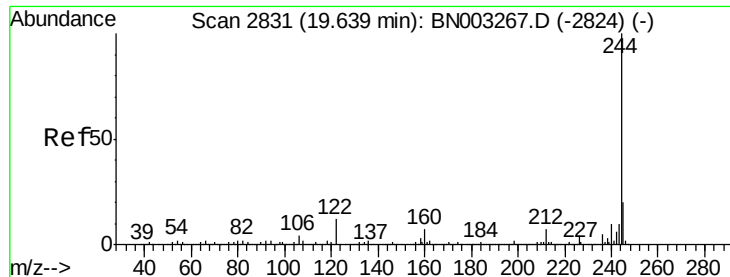


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

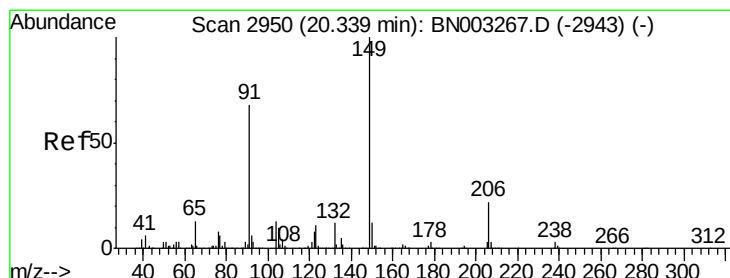
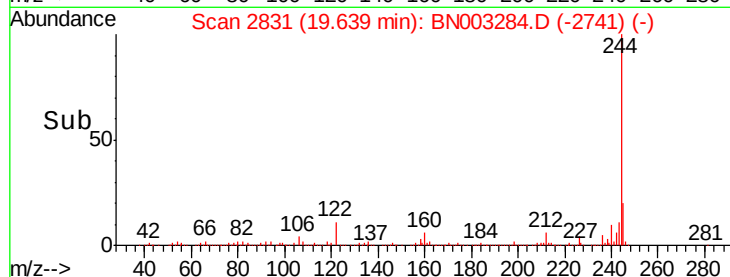
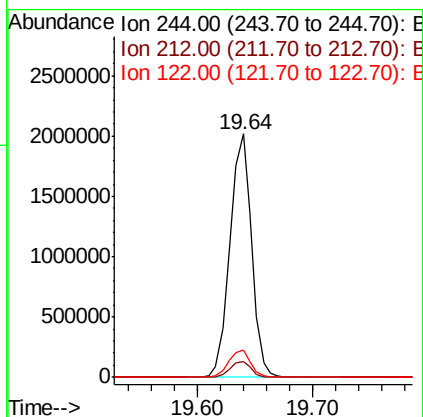
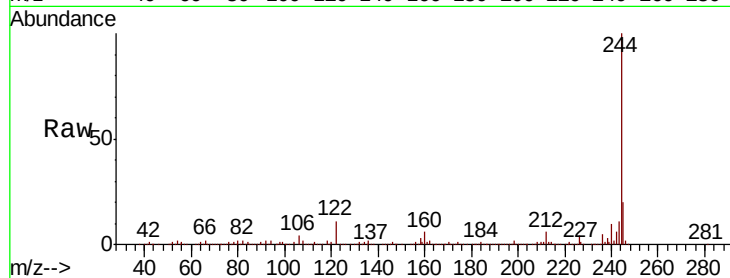




#79
 Terphenyl-d14
 Concen: 78.952 ng
 RT: 19.64 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

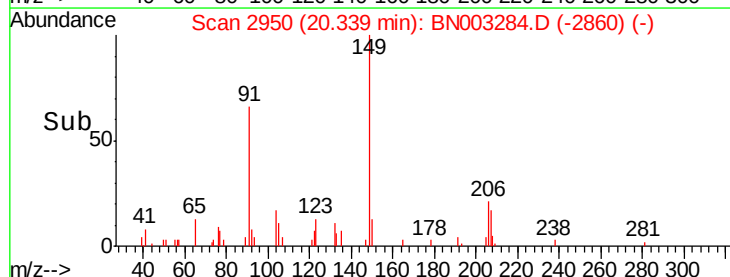
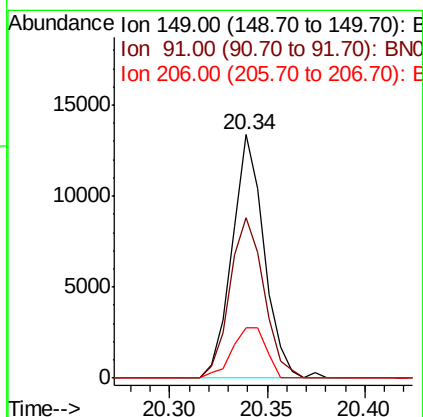
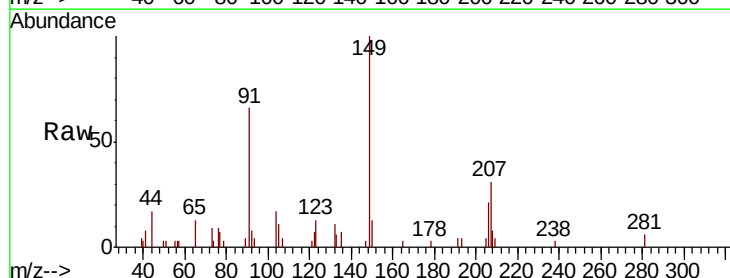
Instrument :
 BNA_N
 ClientSampled :

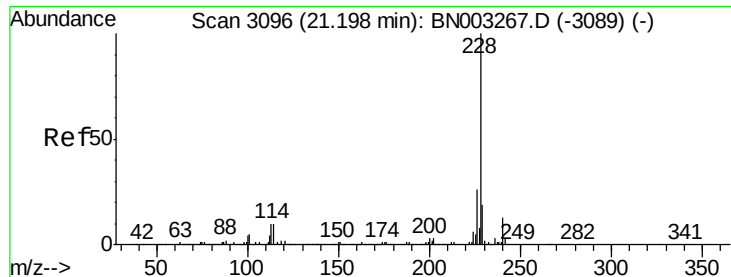
Tot Ion:244 Resp: 2607226
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.0 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 0.787 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: BN003284.D
 Acq: 24 Oct 2018 22:38

Tgt Ion:149 Resp: 15170
 Ion Ratio Lower Upper
 149 100
 91 65.8 54.6 81.8
 206 20.8 17.8 26.6

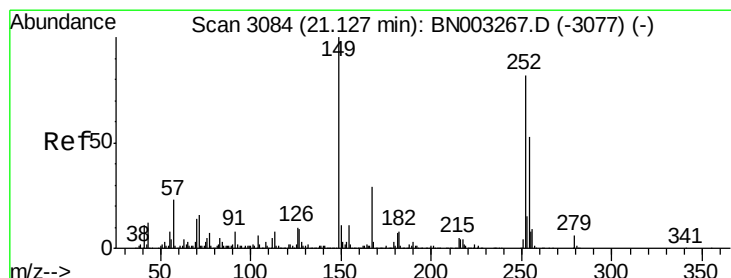
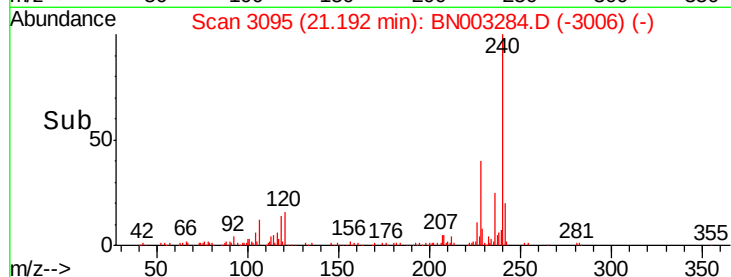
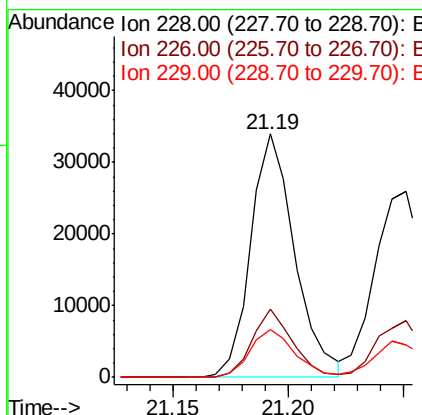
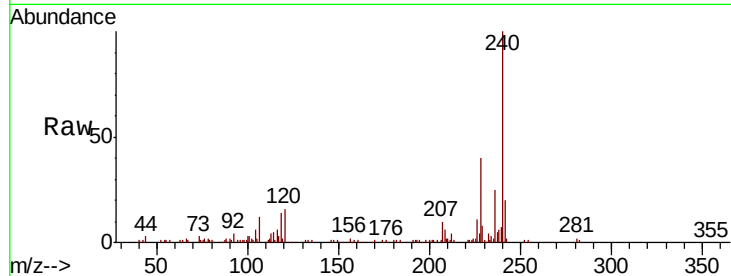




#81
Benzo(a)anthracene
Concen: 1.099 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

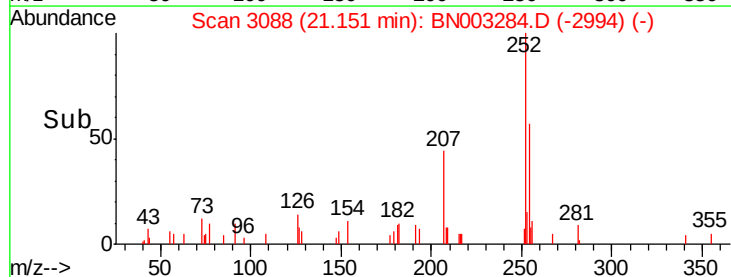
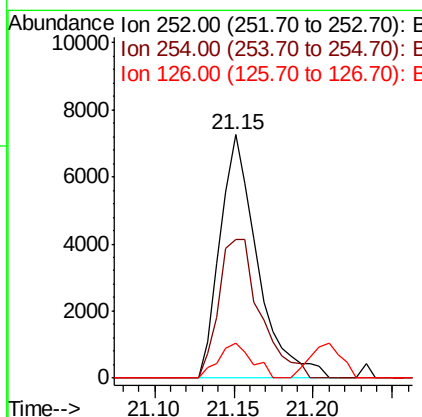
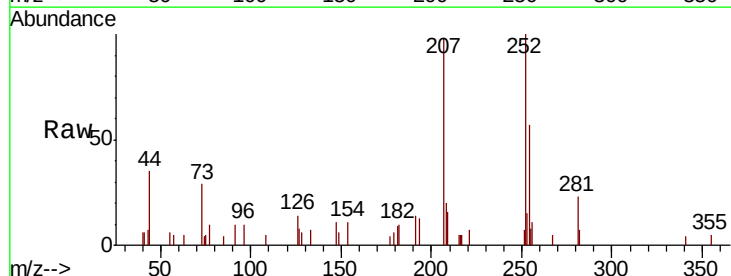
Instrument :
BNA_N
ClientSampleId :

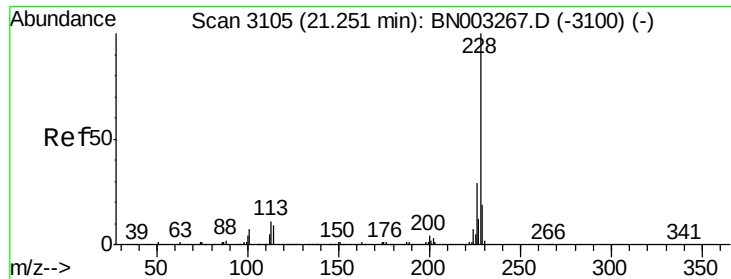
Tot Ion:228 Resp: 45188
Ion Ratio Lower Upper
228 100
226 28.2 20.8 31.2
229 19.6 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 0.699 ng
RT: 21.15 min Scan# 3088
Delta R.T. 0.02 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:252 Resp: 11904
Ion Ratio Lower Upper
252 100
254 56.8 51.1 76.7
126 14.4 9.3 13.9#





#83

Chrysene

Concen: 1.118 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

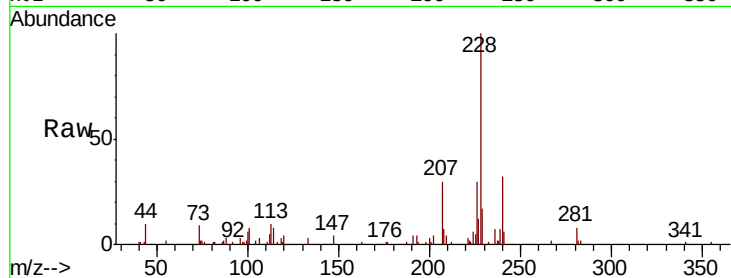
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 44215

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.3	34.9
229	17.4	15.3	22.9

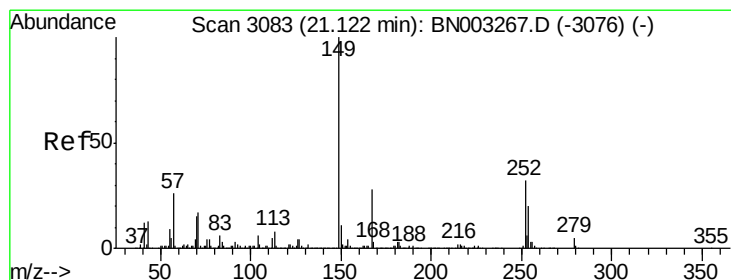
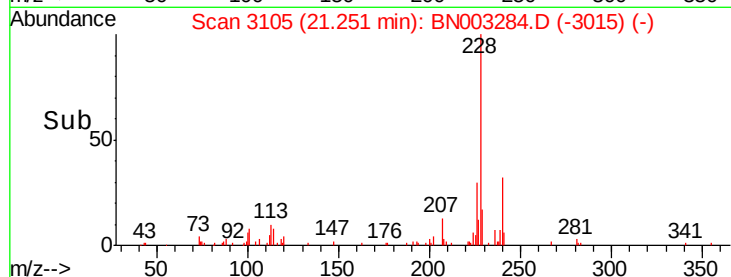
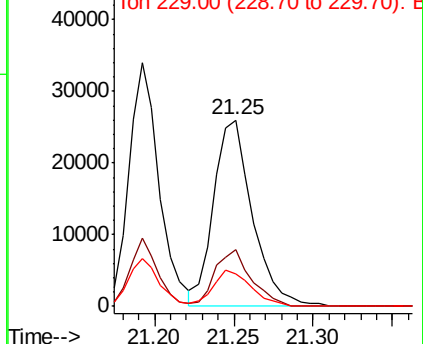


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.885 ng

RT: 21.12 min Scan# 3082

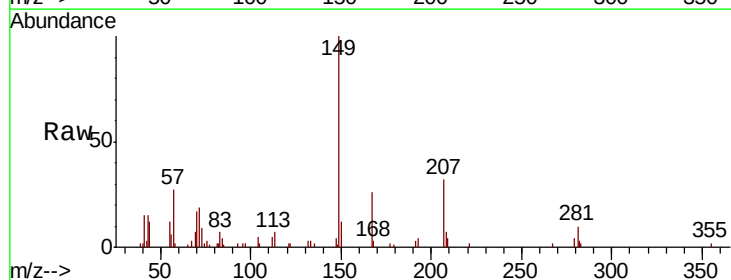
Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Tgt Ion:149 Resp: 25293

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.6	33.8
279	4.5	3.8	5.8

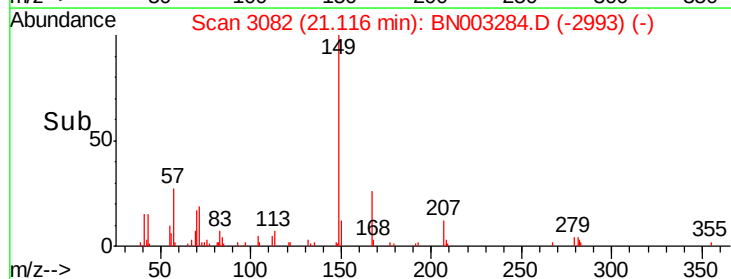
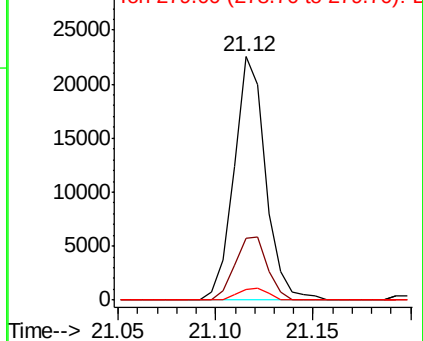


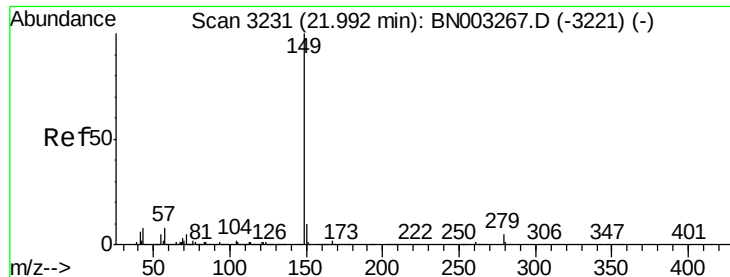
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.906 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

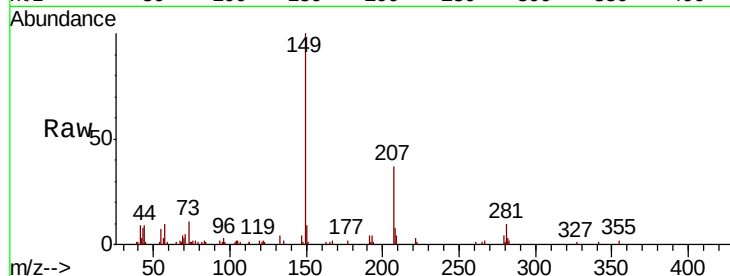
Tot Ion:149 Resp: 44430

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

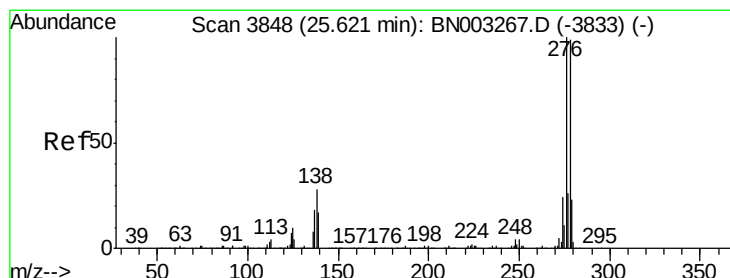
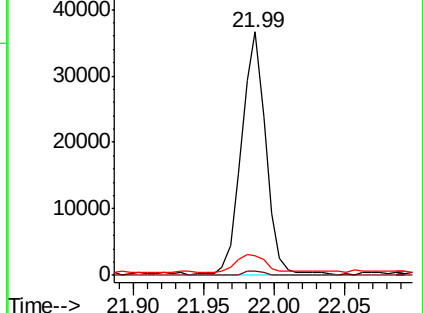
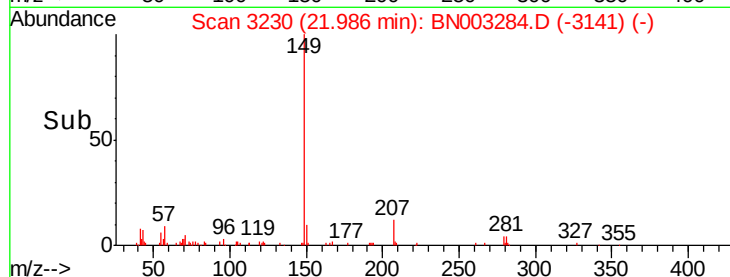
43 9.1 6.9 10.3



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.022 ng

RT: 25.66 min Scan# 3854

Delta R.T. 0.04 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

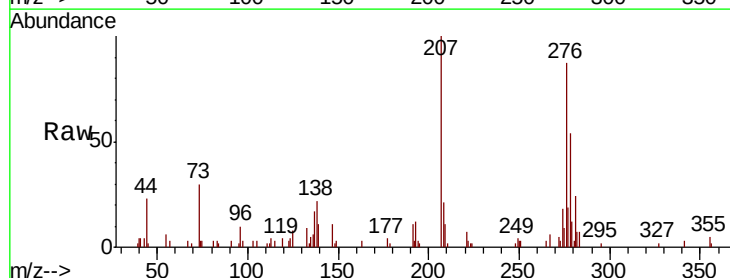
Tgt Ion:276 Resp: 46328

Ion Ratio Lower Upper

276 100

138 27.6 21.2 31.8

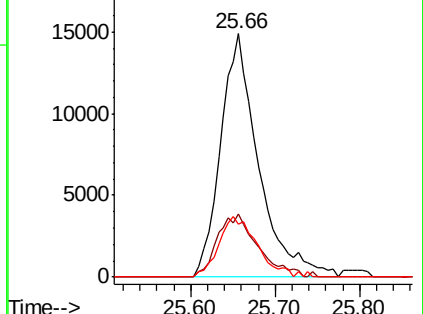
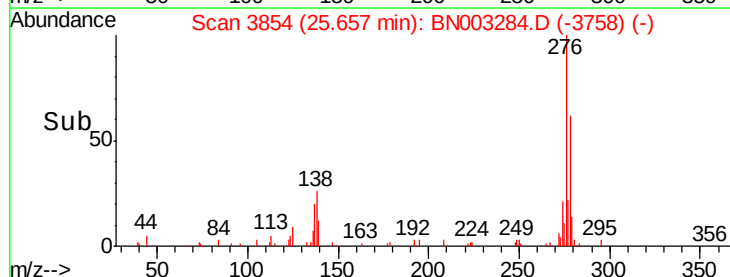
277 25.2 20.2 30.4

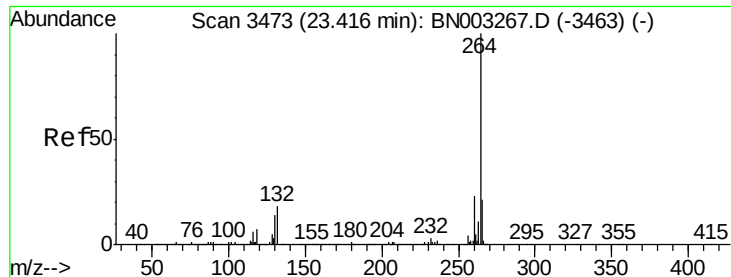


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

Instrument :

BNA_N

ClientSampleId :

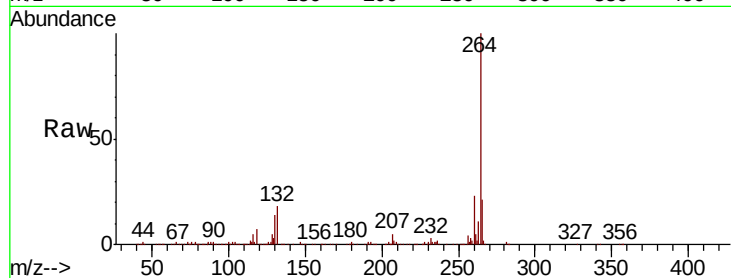
Tot Ion:264 Resp: 743760

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

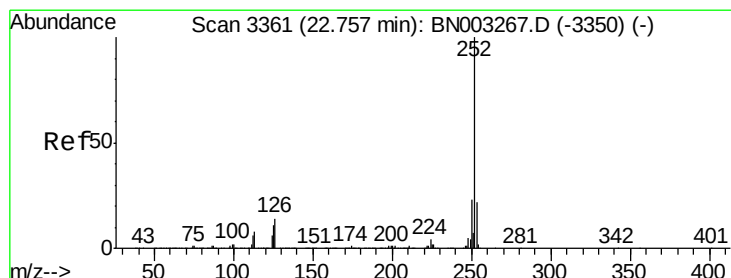
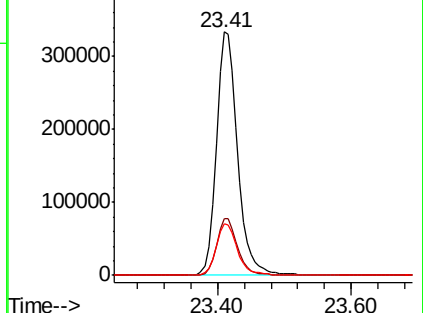
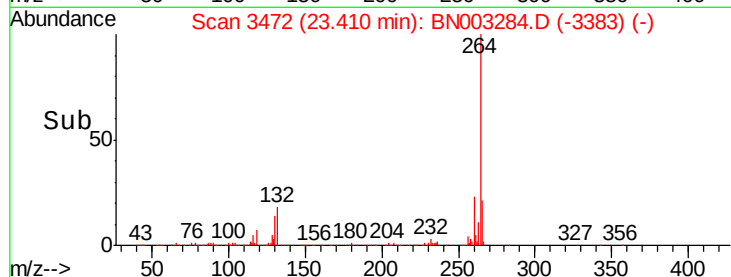
265 21.1 16.6 25.0



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: 1.060 ng

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BN003284.D

Acq: 24 Oct 2018 22:38

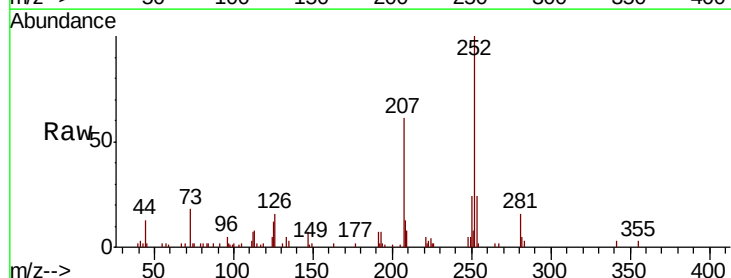
Tgt Ion:252 Resp: 43417

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

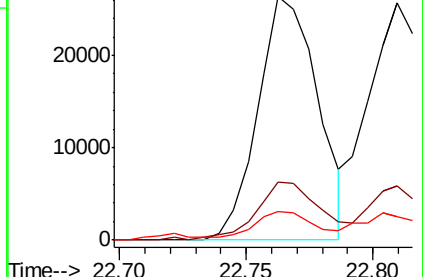
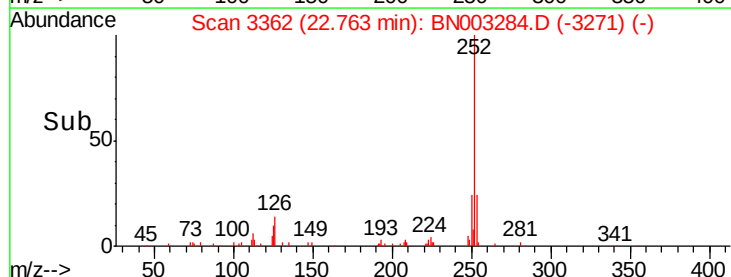
125 11.8 8.6 12.8

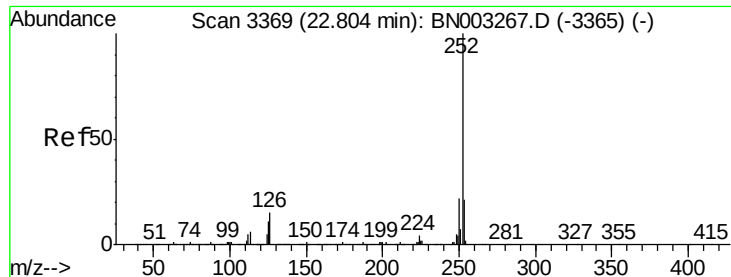


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

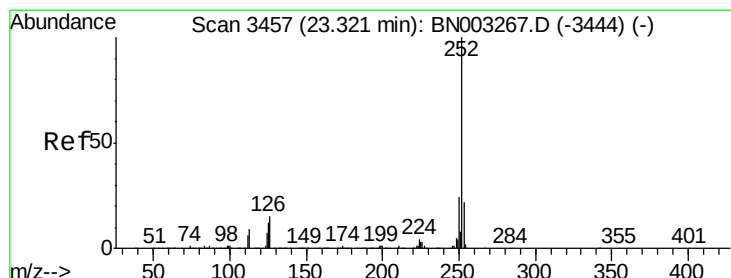
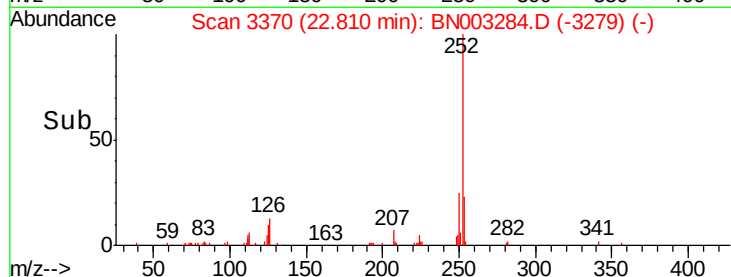
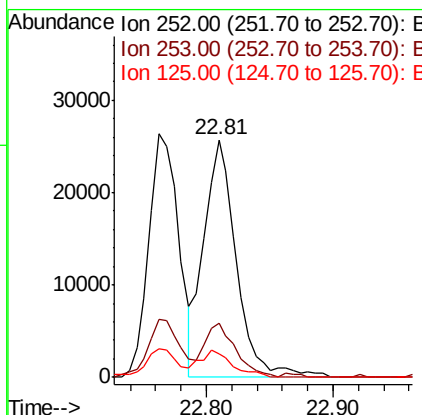
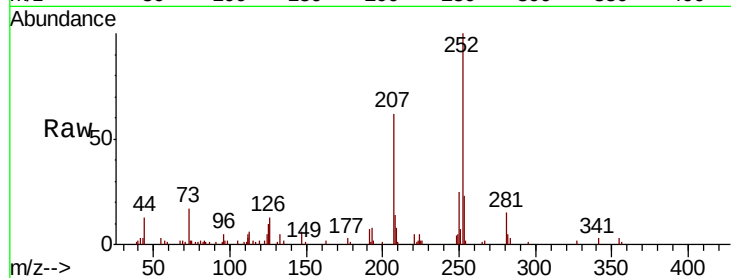




#89
Benzo(k)fluoranthene
Concen: 1.149 ng
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

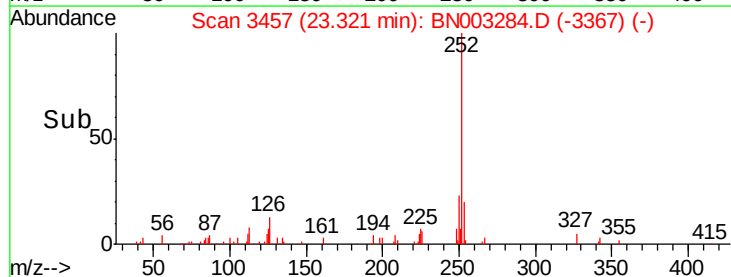
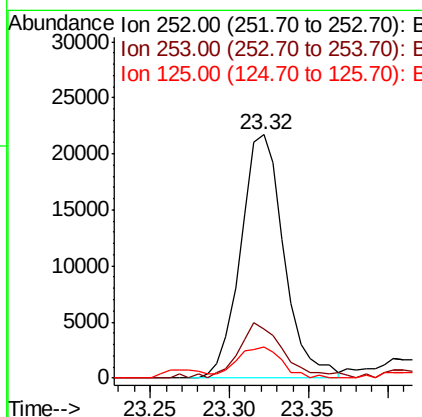
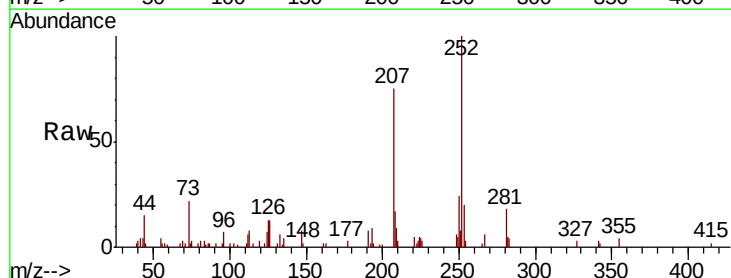
Instrument :
BNA_N
ClientSampleId :

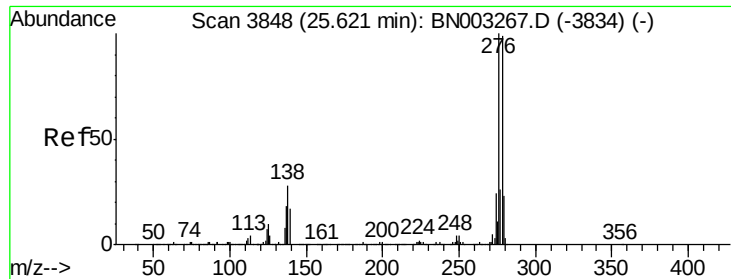
Tot Ion:252 Resp: 46151
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.7 8.7 13.1



#90
Benzo(a)pyrene
Concen: 1.055 ng
RT: 23.32 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:252 Resp: 41183
Ion Ratio Lower Upper
252 100
253 20.0 17.8 26.6
125 12.6 9.6 14.4

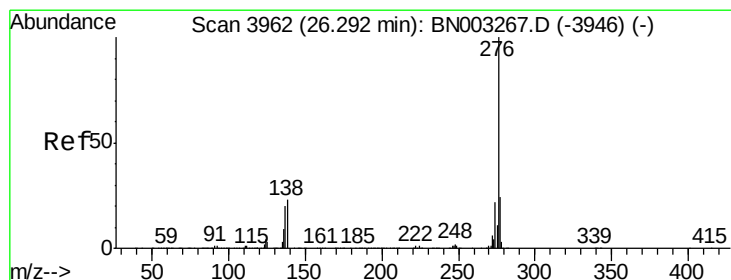
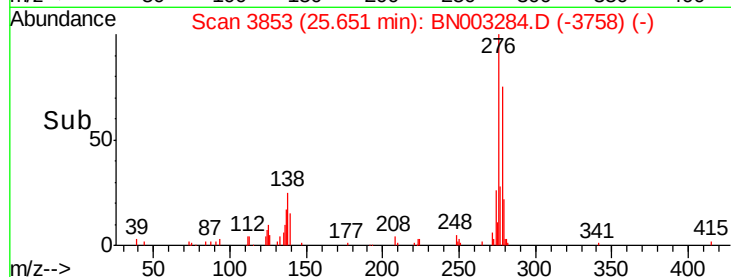
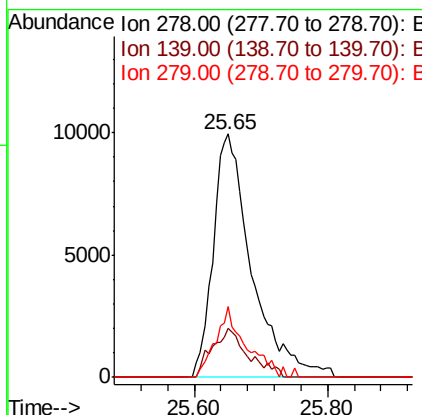
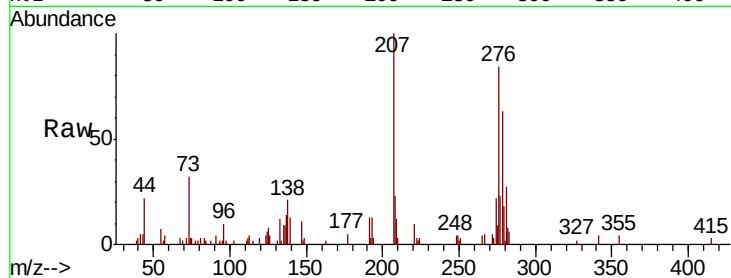




#91
Dibenzo(a,h)anthracene
Concen: 1.040 ng
RT: 25.65 min Scan# 3853
Delta R.T. 0.03 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 40157
Ion Ratio Lower Upper
278 100
139 20.3 13.9 20.9
279 29.1 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 1.060 ng
RT: 26.34 min Scan# 3970
Delta R.T. 0.05 min
Lab File: BN003284.D
Acq: 24 Oct 2018 22:38

Tgt Ion:276 Resp: 39309
Ion Ratio Lower Upper
276 100
277 25.2 19.1 28.7
138 22.4 18.2 27.4

