

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002148.D
 Acq On : 25 Jul 2018 22:26
 Operator : JU/SJ
 Sample : J3762-03
 Misc : MDL 1 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 26 05:02:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	211192	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	838906	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	485911	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1030389	20.00	ng	0.00
75) Chrysene-d12	21.27	240	897235	20.00	ng	0.00
86) Perylene-d12	23.49	264	852737	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1527680	116.46	ng	0.00
7) Phenol-d6	6.88	99	2063086	112.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	1428057	87.30	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	788453	124.96	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3235414	86.73	ng	0.00
78) Terphenyl-d14	19.71	244	4601382	106.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	4510	0.916	ng	# 56
3) Pyridine	3.70	79	9115	0.639	ng	# 61
4) n-Nitrosodimethylamine	3.60	42	5639	0.922	ng	# 38
6) Aniline	7.03	93	12392	0.551	ng	# 93
8) 2-Chlorophenol	7.26	128	13784	0.906	ng	98
9) Benzaldehyde	6.85	77	15065	1.329	ng	96
10) Phenol	6.90	94	17087	0.906	ng	# 66
11) bis(2-Chloroethyl)ether	7.13	93	12820	0.835	ng	94
12) 1,3-Dichlorobenzene	7.58	146	15097	0.871	ng	96
13) 1,4-Dichlorobenzene	7.73	146	15765	0.889	ng	95
14) 1,2-Dichlorobenzene	8.04	146	15522	0.907	ng	93
15) Benzyl Alcohol	7.94	79	7091	0.510	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.22	45	22211	0.896	ng	92
17) 2-Methylphenol	8.14	107	10552	0.819	ng	97
18) Hexachloroethane	8.76	117	5813	0.895	ng	91
19) n-Nitroso-di-n-propylamine	8.49	70	9903	0.742	ng	# 94
20) 3+4-Methylphenols	8.48	107	13673	0.761	ng	97
22) Acetophenone	8.51	105	20845	0.958	ng	# 93
24) Nitrobenzene	8.88	77	16161	0.953	ng	93
25) Isophorone	9.40	82	26707	0.951	ng	95
26) 2-Nitrophenol	9.60	139	5323	0.650	ng	96
27) 2,4-Dimethylphenol	9.66	122	11006	0.966	ng	# 80
28) bis(2-Chloroethoxy)methane	9.89	93	16276	0.897	ng	96
29) 2,4-Dichlorophenol	10.13	162	9378	0.706	ng	91
30) 1,2,4-Trichlorobenzene	10.33	180	14176	0.942	ng	91
31) Naphthalene	10.52	128	43305	1.023	ng	97
32) Benzoic acid	9.74	122	508	0.053	ng	# 69
33) 4-Chloroaniline	10.65	127	11065	0.587	ng	# 92
34) Hexachlorobutadiene	10.80	225	8317	0.903	ng	91
35) Caprolactam	11.40	113	2261	0.499	ng	94
36) 4-Chloro-3-methylphenol	11.76	107	10676	0.707	ng	97
37) 2-Methylnaphthalene	12.13	142	30793	1.031	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	15712	0.962	ng	96
40) Hexachlorocyclopentadiene	12.49	237	6754	0.732	ng	87

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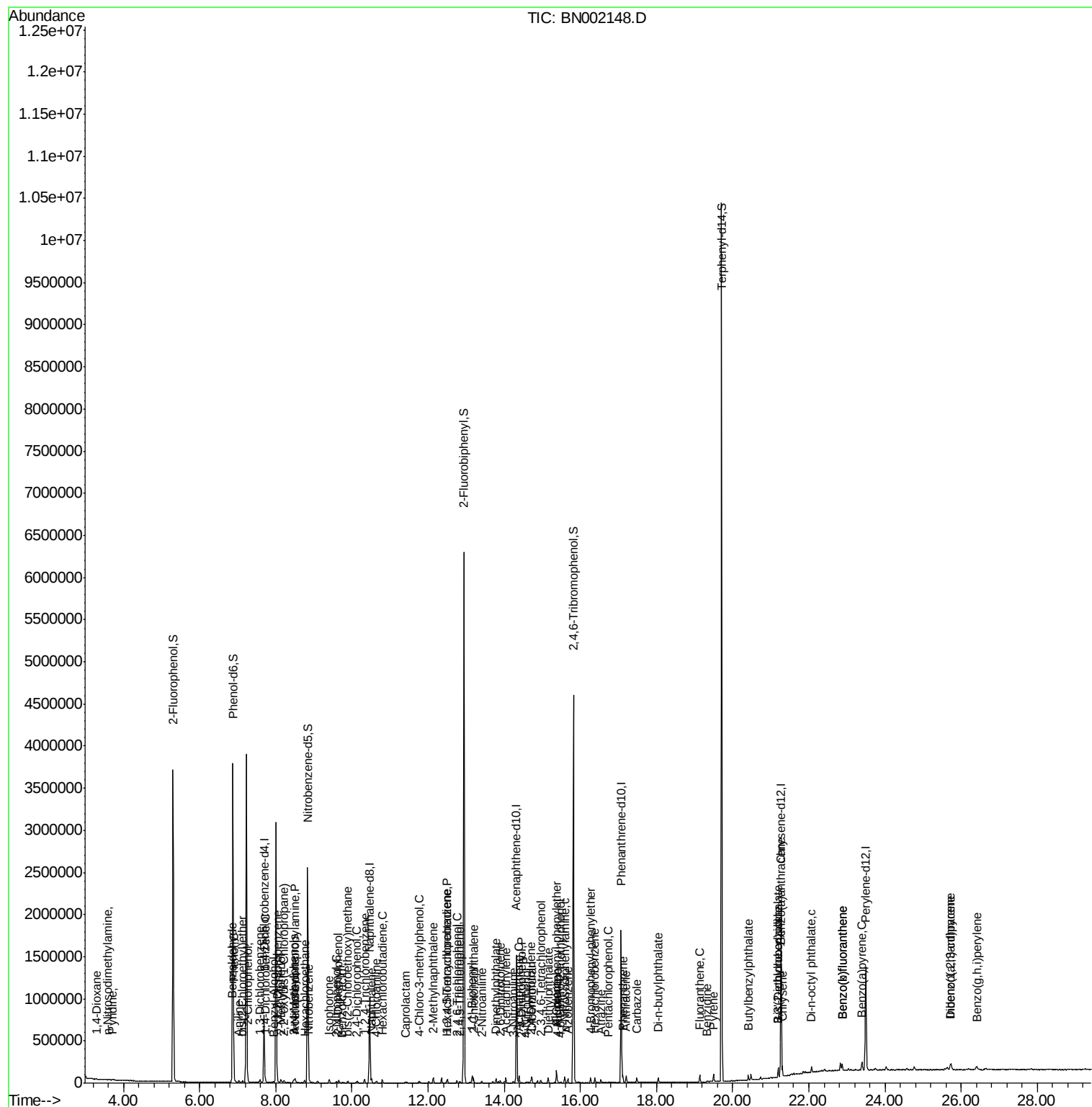
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	7761	0.708	nq	96
43) 2,4,5-Trichlorophenol	12.83	196	8156	0.702	nq	90
45) 1,1'-Biphenyl	13.15	154	44634	1.044	nq	99
46) 2-Chloronaphthalene	13.19	162	30297	0.918	nq	98
47) 2-Nitroaniline	13.41	65	6854	0.645	nq	95
48) Acenaphthylene	14.05	152	46981	0.938	nq	97
49) Dimethylphthalate	13.78	163	35560	0.881	nq	99
50) 2,6-Dinitrotoluene	13.90	165	5953	0.664	nq	93
51) Acenaphthene	14.39	154	28382	0.941	nq	91
52) 3-Nitroaniline	14.24	138	5516	0.568	nq #	92
53) 2,4-Dinitrophenol	14.47	184	814	0.171	nq #	55
54) Dibenzofuran	14.72	168	47346	0.968	nq	98
55) 4-Nitrophenol	14.58	139	3085	0.414	nq #	81
56) 2,4-Dinitrotoluene	14.70	165	7134	0.586	nq #	90
57) Fluorene	15.37	166	35924	0.974	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7263	0.727	nq #	95
59) Diethylphthalate	15.15	149	33696	0.820	nq	98
60) 4-Chlorophenyl-phenylether	15.37	204	18260	0.895	nq	97
61) 4-Nitroaniline	15.40	138	5034	0.508	nq	93
62) Azobenzene	15.66	77	31035	0.787	nq	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	2200	0.316	nq	75
65) n-Nitrosodiphenylamine	15.59	169	28514	0.834	nq	95
66) 4-Bromophenyl-phenylether	16.27	248	10529	0.873	nq #	82
67) Hexachlorobenzene	16.38	284	12145	0.910	nq	95
68) Atrazine	16.54	200	7945	0.690	nq	96
69) Pentachlorophenol	16.73	266	3078	0.358	nq	88
70) Phenanthrene	17.11	178	58142	1.034	nq	98
71) Anthracene	17.20	178	52156	0.937	nq	98
72) Carbazole	17.48	167	42738	0.765	nq	97
73) Di-n-butylphthalate	18.05	149	43789	0.672	nq	99
74) Fluoranthene	19.13	202	54522	0.893	nq	93
76) Benzidine	19.33	184	8960	0.306	nq #	88
77) Pyrene	19.50	202	56289	0.910	nq	96
79) Butylbenzylphthalate	20.41	149	17080	0.634	nq #	93
80) Benzo(a)anthracene	21.25	228	56342	1.030	nq	98
81) 3,3'-Dichlorobenzidine	21.19	252	10701	0.502	nq	93
82) Chrysene	21.30	228	51217	0.984	nq	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	26029	0.693	nq #	85
84) Di-n-octyl phthalate	22.07	149	39071	0.656	nq #	94
85) Indeno(1,2,3-cd)pyrene	25.72	276	51256	1.010	nq #	92
87) Benzo(b)fluoranthene	22.87	252	49862	0.991	nq	95
88) Benzo(k)fluoranthene	22.87	252	49862	1.006	nq #	96
89) Benzo(a)pyrene	23.40	252	46824	0.996	nq	98
90) Dibenzo(a,h)anthracene	25.73	278	42542	0.964	nq #	93
91) Benzo(g,h,i)perylene	26.40	276	42664	1.000	nq	96

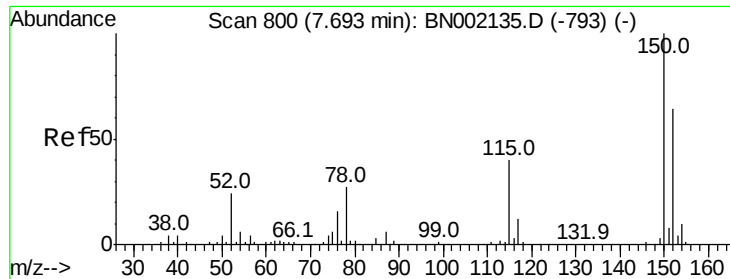
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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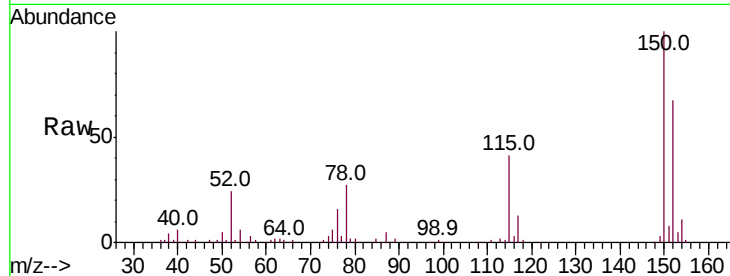


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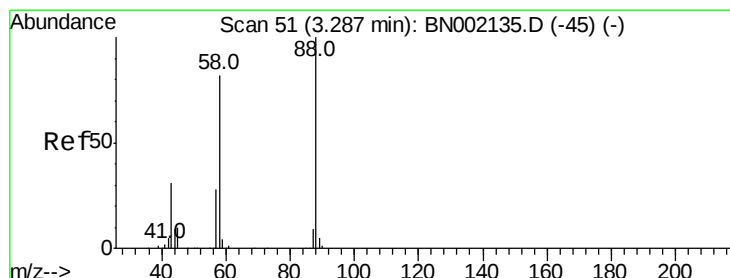
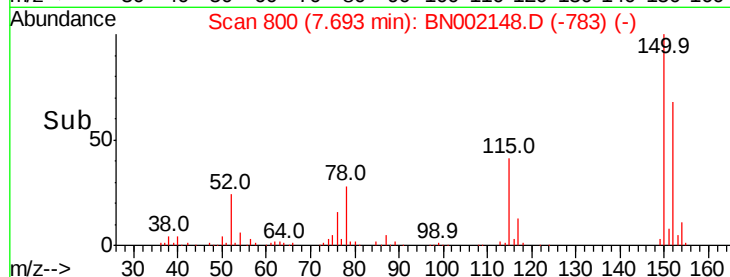
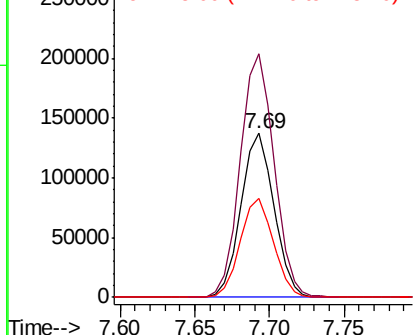
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 211192
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 60.5 53.0 79.4



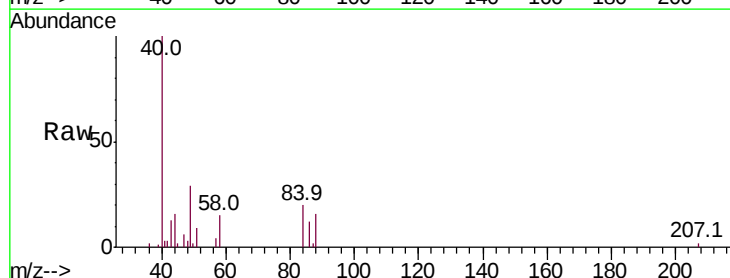
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



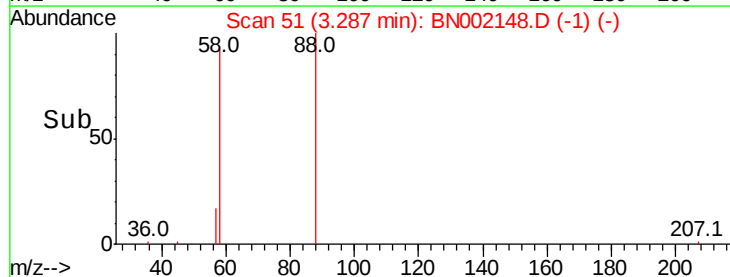
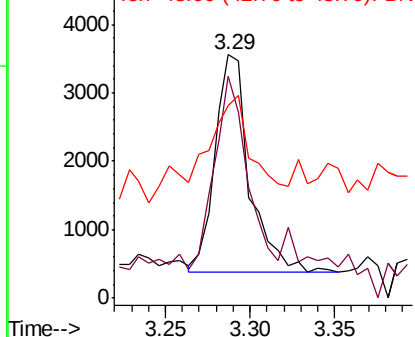
#2

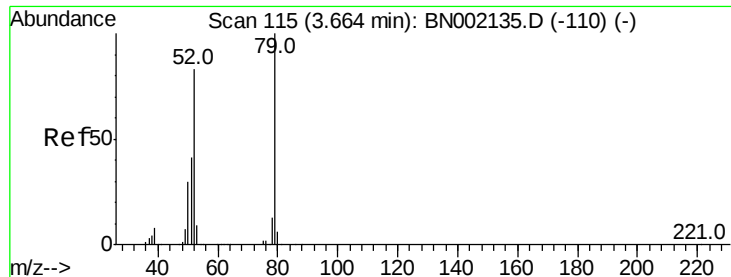
1,4-Dioxane
Concen: 0.916 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion: 88 Resp: 4510
Ion Ratio Lower Upper
88 100
58 83.7 52.0 78.0#
43 73.1 20.0 30.0#



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: 0.639 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.04 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampled :

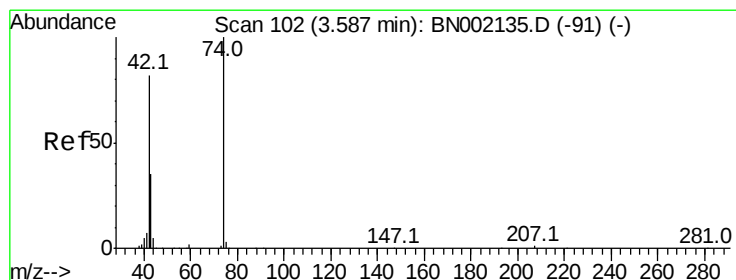
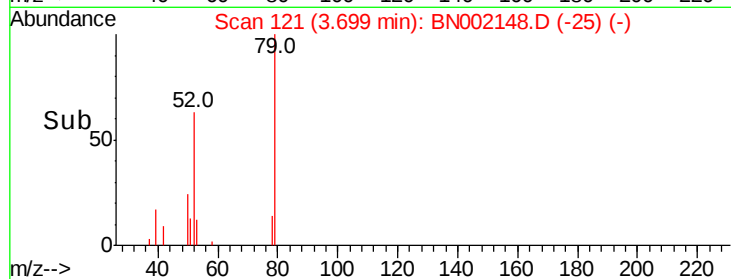
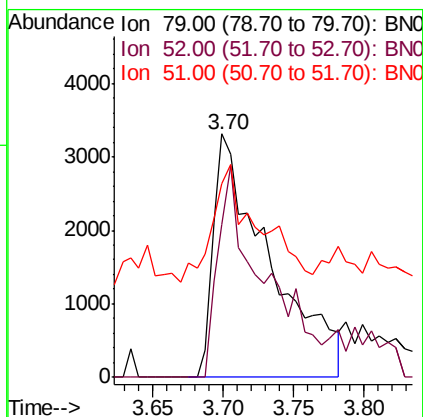
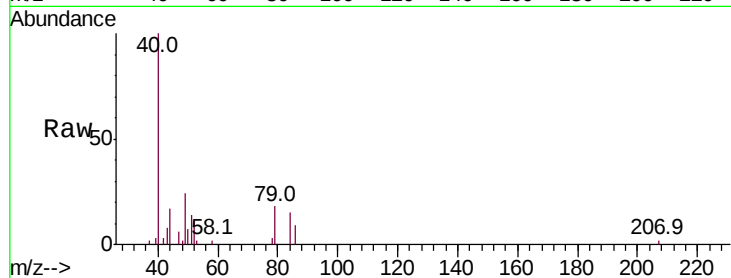
Tot Ion: 79 Resp: 9115

Ion Ratio Lower Upper

79 100

52 62.7 44.0 66.0

51 79.5 24.0 36.0#



#4

n-Nitrosodimethylamine

Concen: 0.922 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

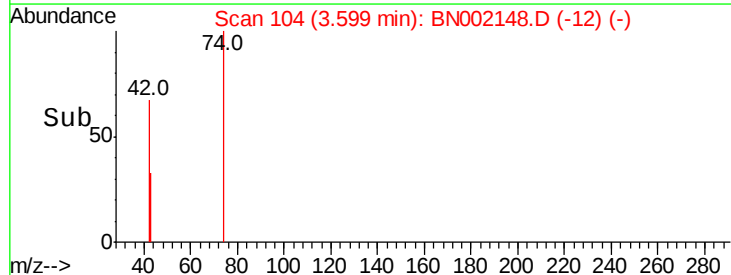
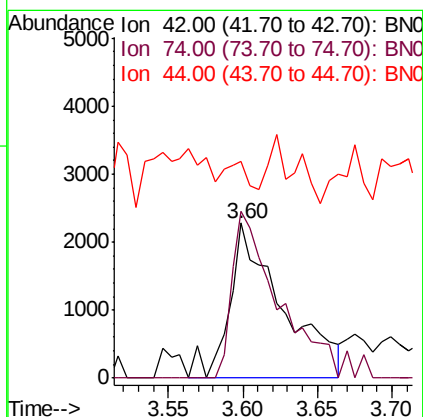
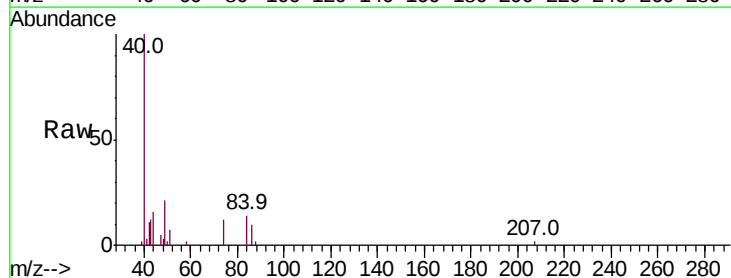
Tgt Ion: 42 Resp: 5639

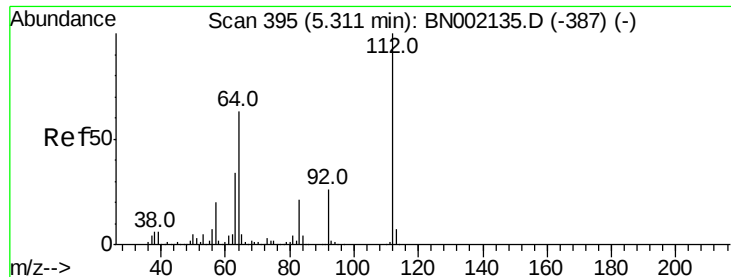
Ion Ratio Lower Upper

42 100

74 107.2 128.0 192.0#

44 140.1 12.0 18.0#





#5

2-Fluorophenol

Concen: 116.456 ng

RT: 5.30 min Scan# 394

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

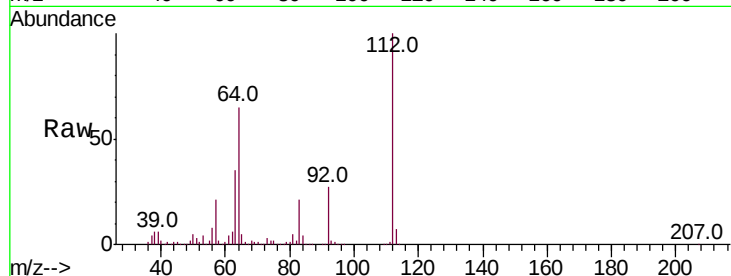
Tot Ion:112 Resp: 1527680

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

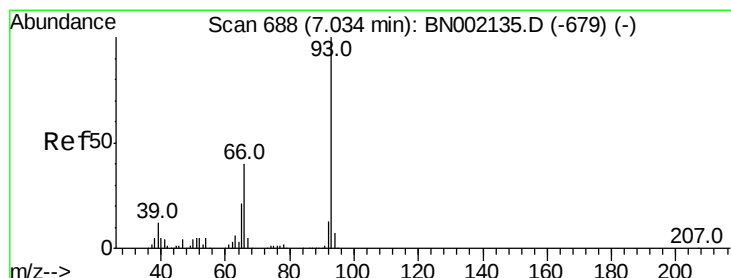
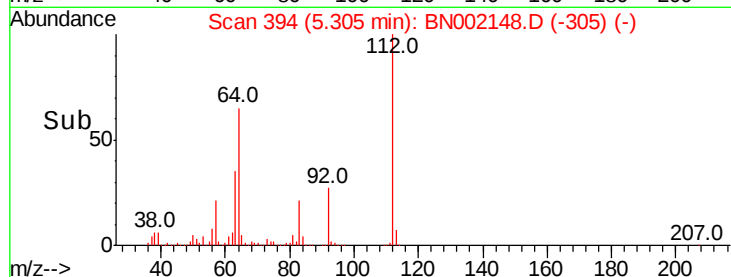
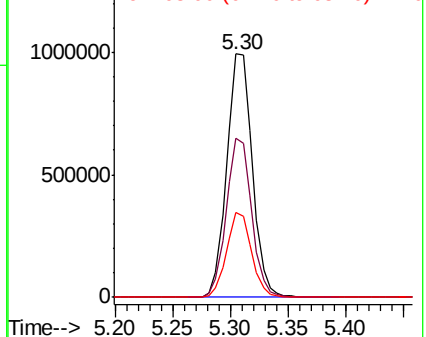
63 34.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 0.551 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

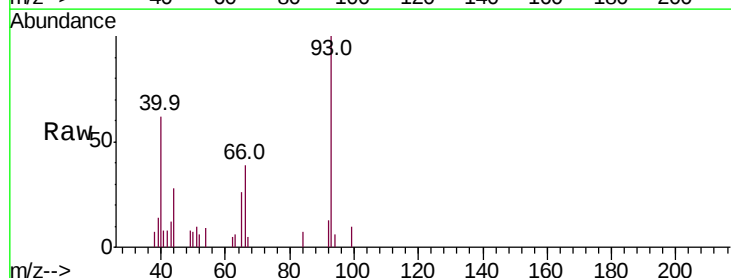
Tgt Ion: 93 Resp: 12392

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

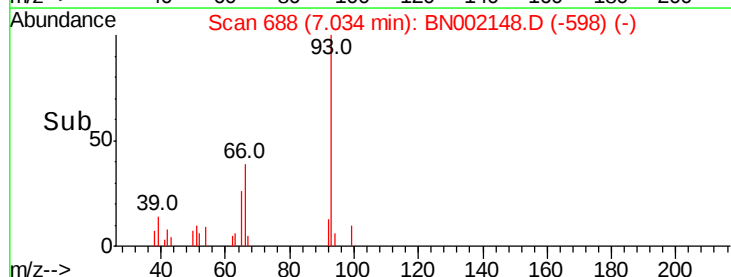
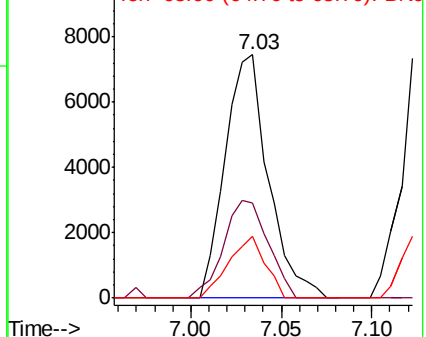
65 25.5 16.1 24.1#

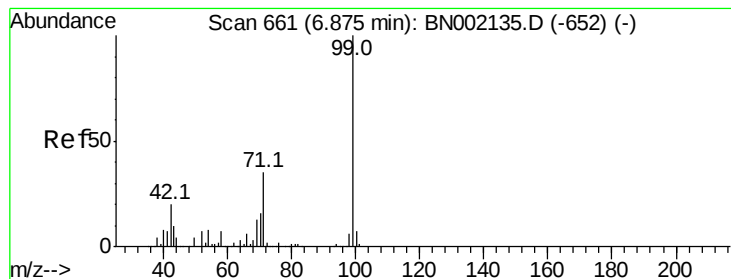


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 112.070 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002148.D

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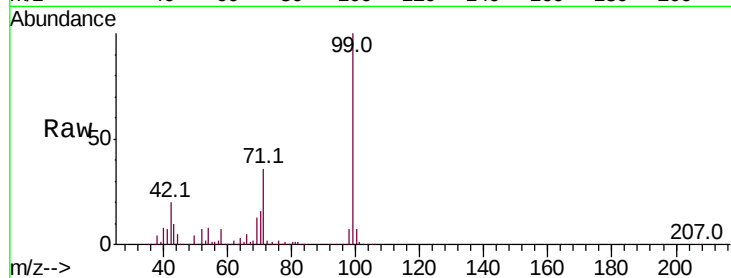
Tot Ion: 99 Resp: 2063086

Ion Ratio Lower Upper

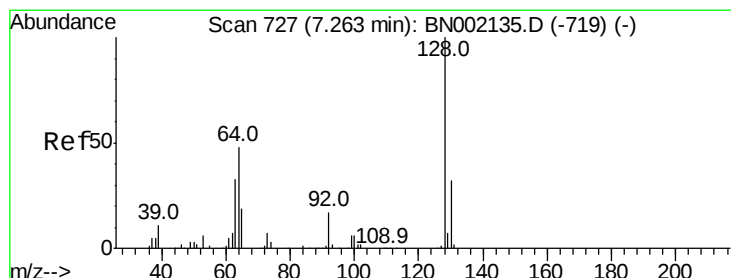
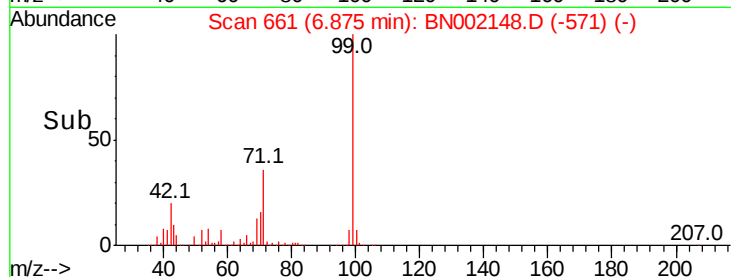
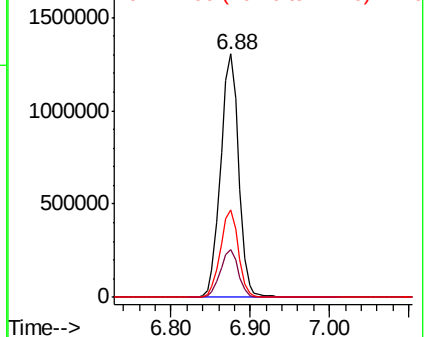
99 100

42 19.6 14.1 21.1

71 35.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 0.906 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BN002148.D

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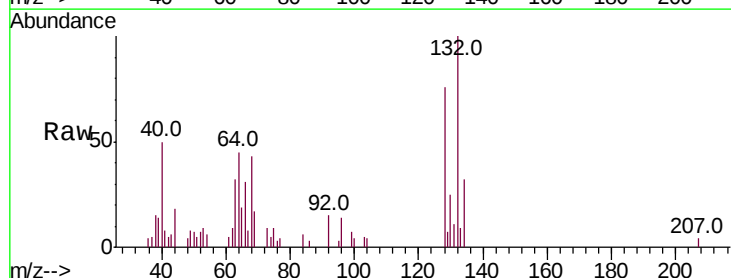
Tgt Ion:128 Resp: 13784

Ion Ratio Lower Upper

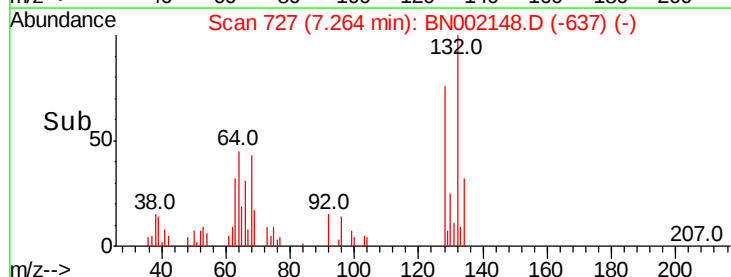
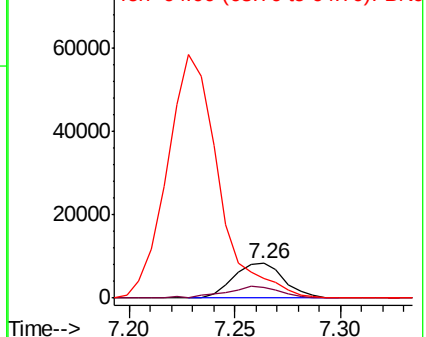
128 100

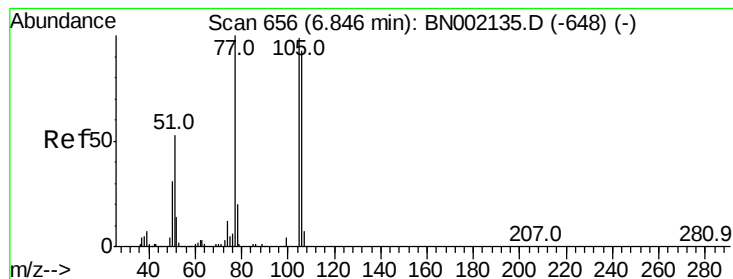
130 32.6 14.0 54.0

64 58.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 1.329 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

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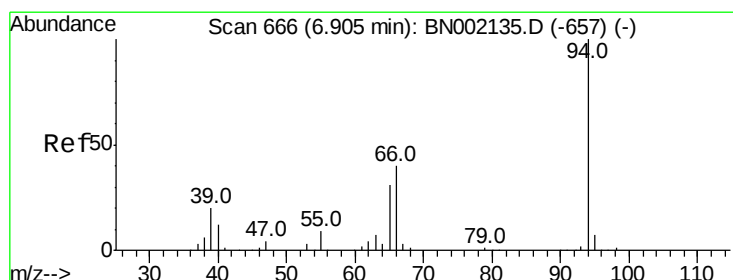
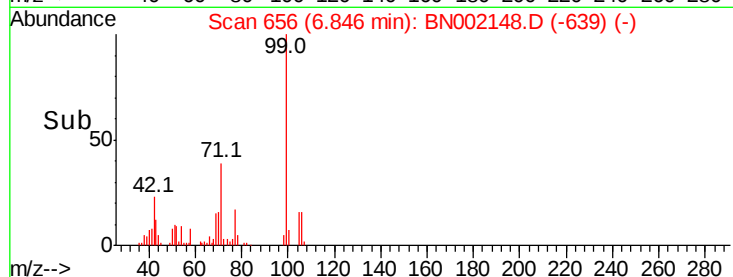
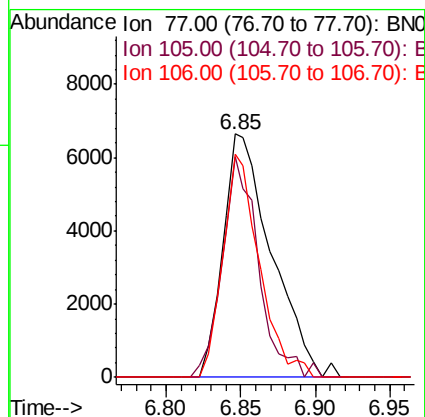
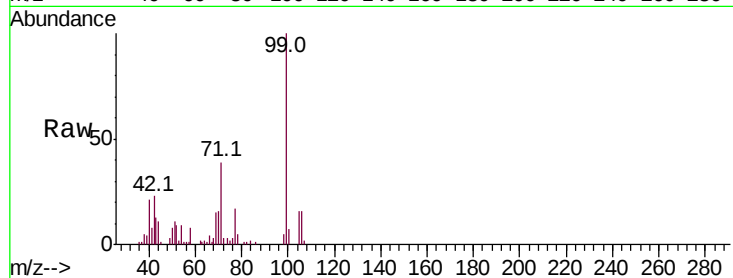
Tot Ion: 77 Resp: 15065

Ion Ratio Lower Upper

77 100

105 90.4 71.3 111.3

106 91.7 64.2 104.2



#10

Phenol

Concen: 0.906 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

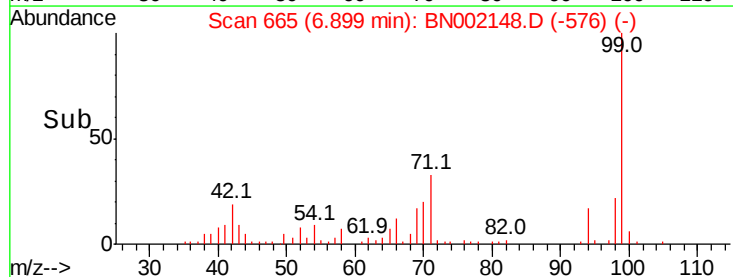
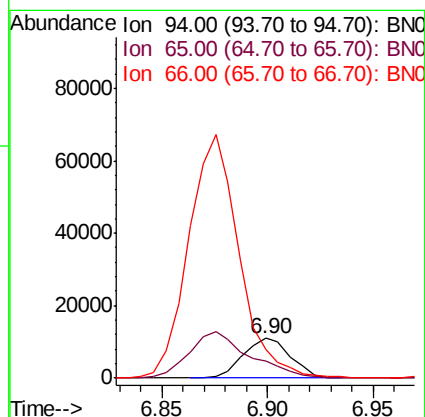
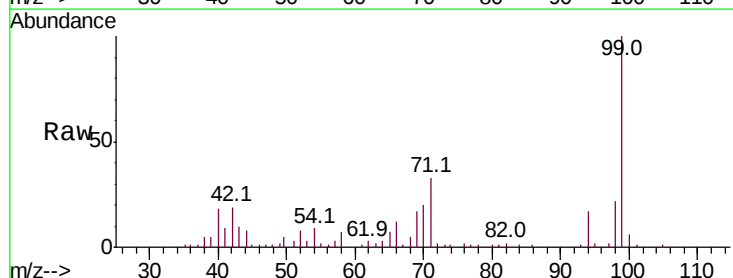
Tgt Ion: 94 Resp: 17087

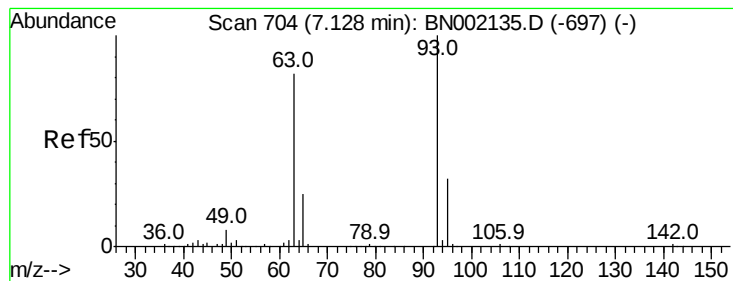
Ion Ratio Lower Upper

94 100

65 42.8 11.9 51.9

66 70.2 22.2 62.2#

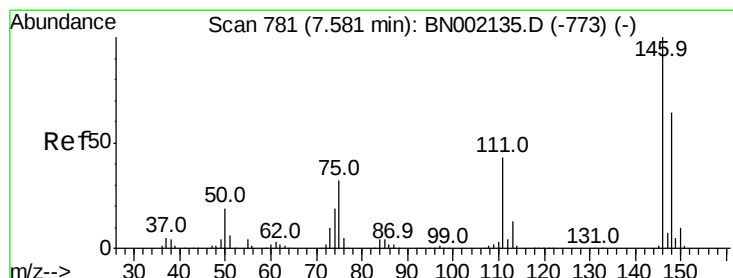
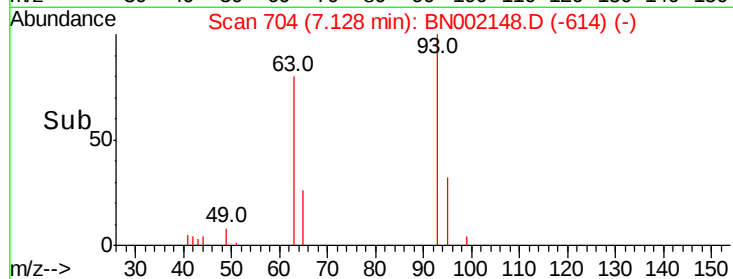
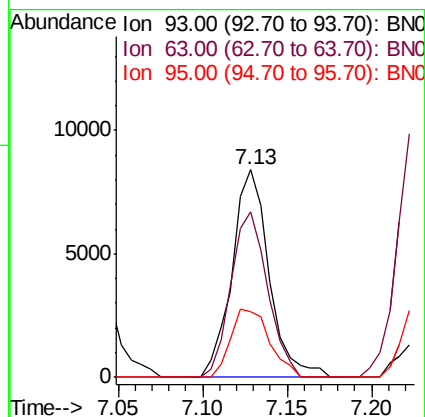
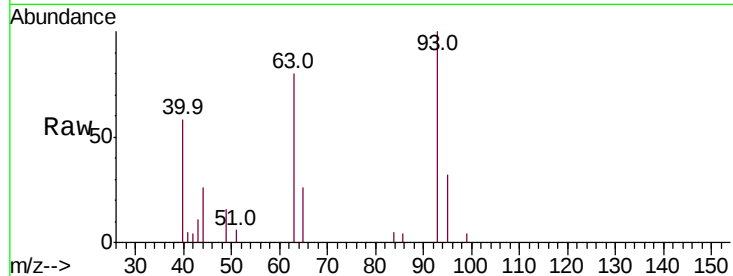




#11
bis(2-Chloroethyl)ether
Concen: 0.835 ng
RT: 7.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

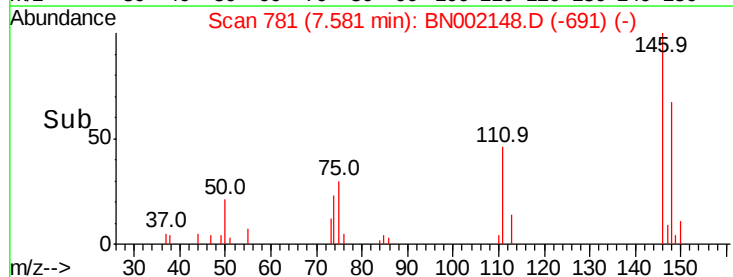
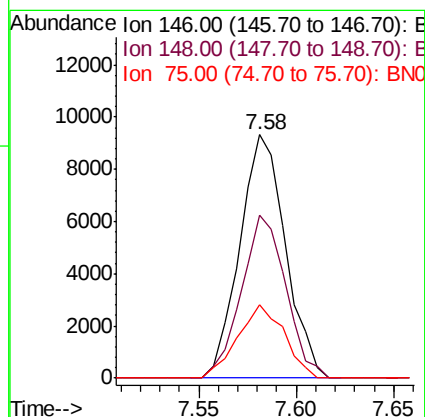
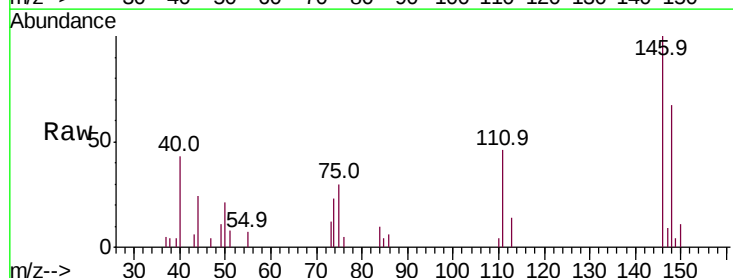
Instrument :
BNA_N
ClientSampleId :

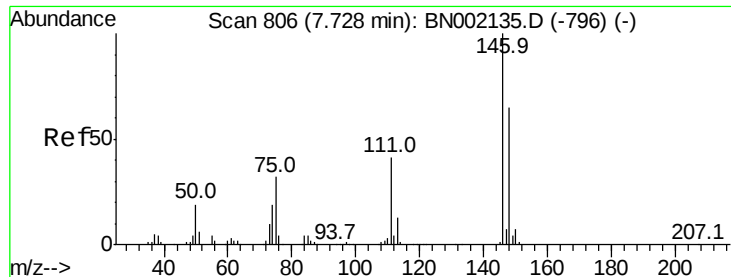
Tot Ion: 93 Resp: 12820
Ion Ratio Lower Upper
93 100
63 79.9 67.1 107.1
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 0.871 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion: 146 Resp: 15097
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.2
75 29.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 0.889 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampled :

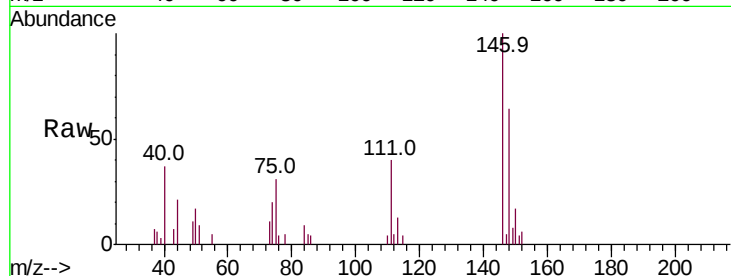
Tot Ion:146 Resp: 15765

Ion Ratio Lower Upper

146 100

148 64.4 53.7 80.5

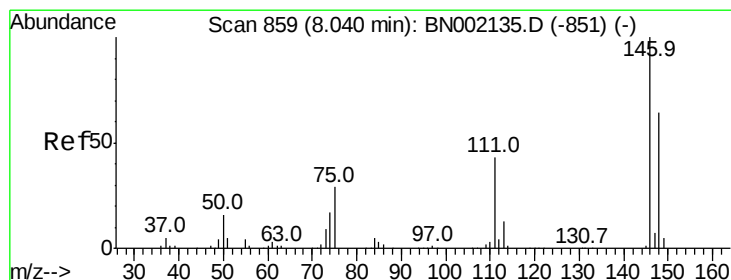
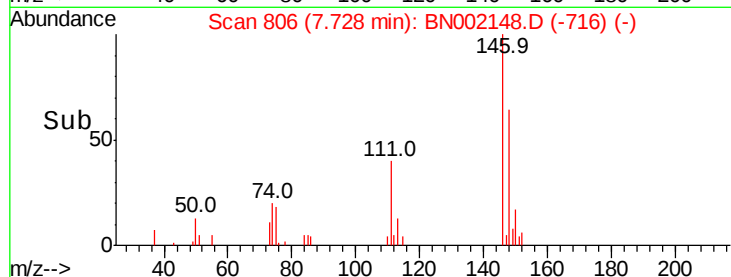
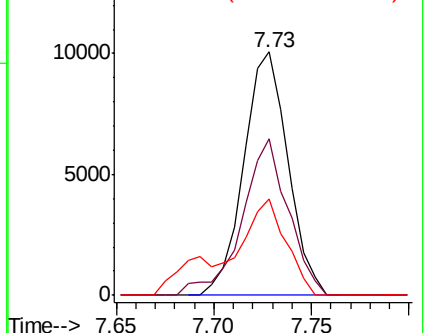
111 39.7 35.2 52.8



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: 0.907 ng

RT: 8.04 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

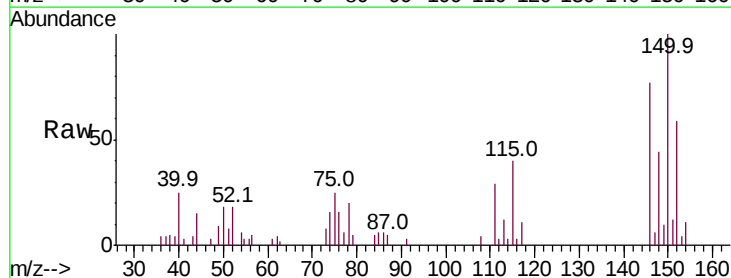
Tgt Ion:146 Resp: 15522

Ion Ratio Lower Upper

146 100

148 57.1 49.3 73.9

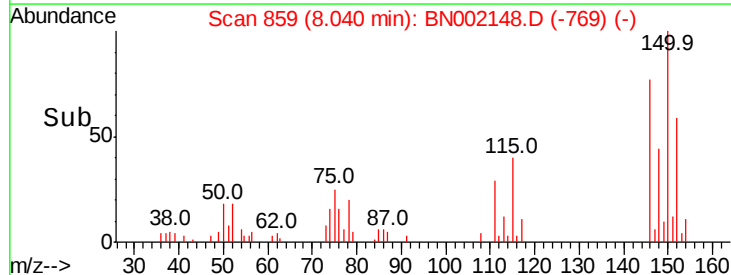
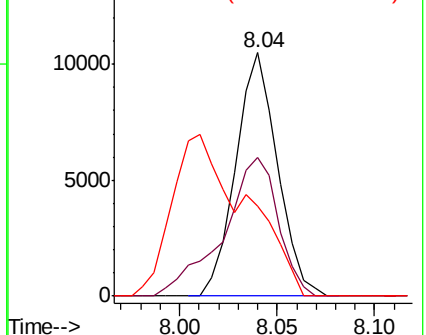
111 36.9 34.3 51.5

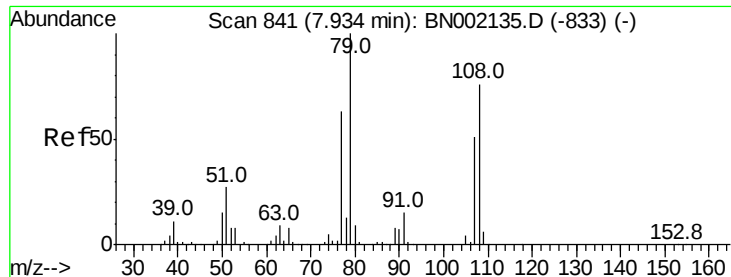


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.510 ng

RT: 7.94 min Scan# 842

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

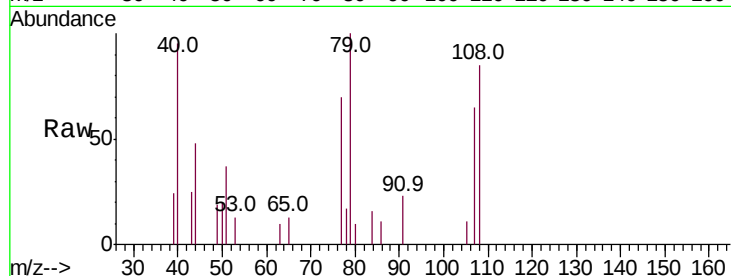
Tot Ion: 79 Resp: 7091

Ion Ratio Lower Upper

79 100

108 85.2 57.2 85.8

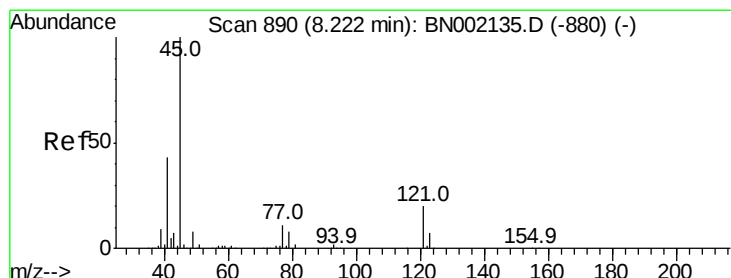
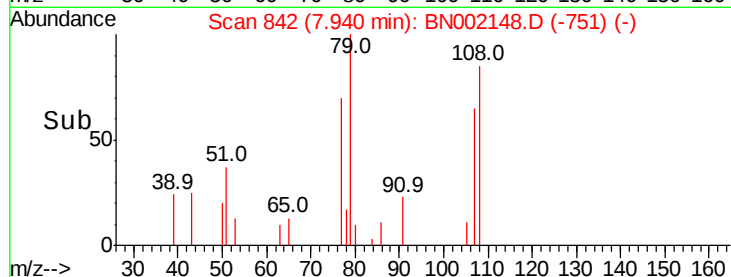
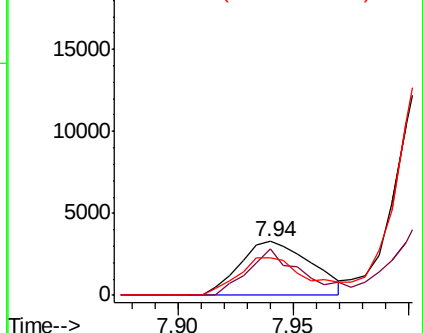
77 69.9 46.1 69.1#



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: 0.896 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

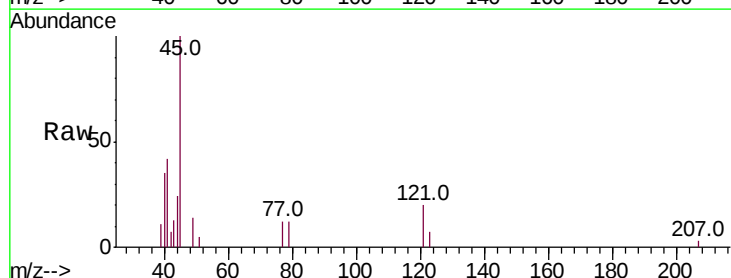
Tgt Ion: 45 Resp: 22211

Ion Ratio Lower Upper

45 100

77 12.2 0.0 30.2

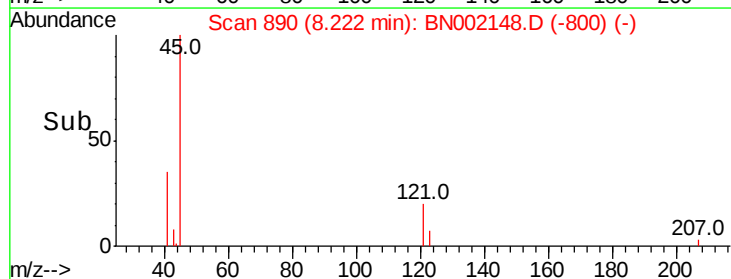
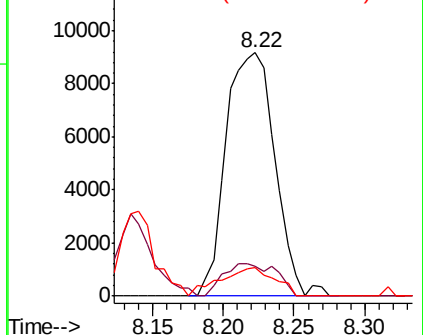
79 11.8 0.0 27.9

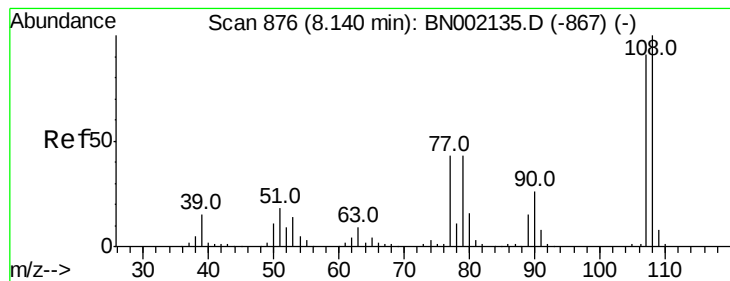


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#17

2-Methylphenol

Concen: 0.819 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 10552

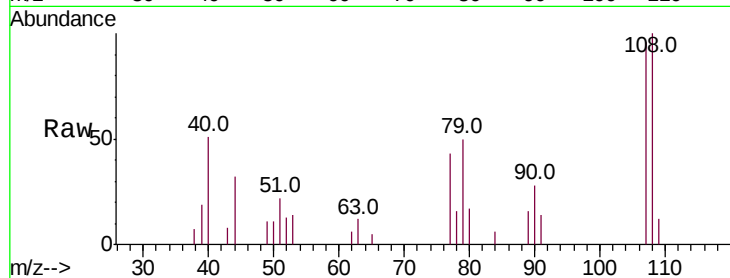
Ion Ratio Lower Upper

107 100

108 104.3 83.9 125.9

77 45.0 37.2 55.8

79 52.4 36.2 54.2

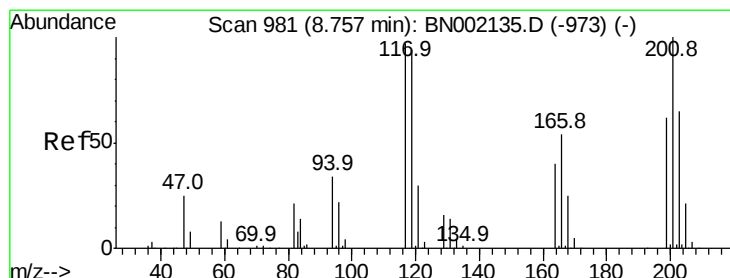
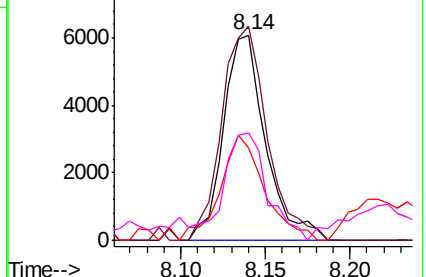
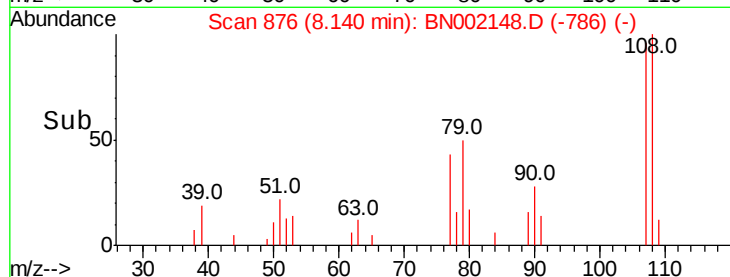


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 0.895 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

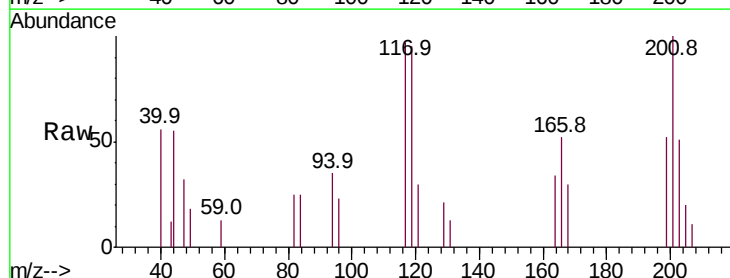
Tgt Ion:117 Resp: 5813

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

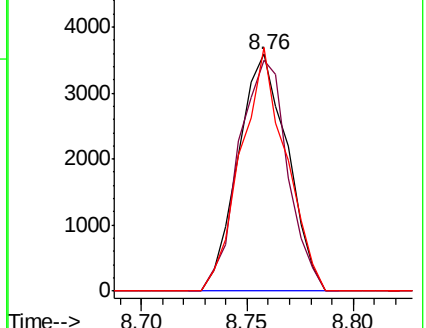
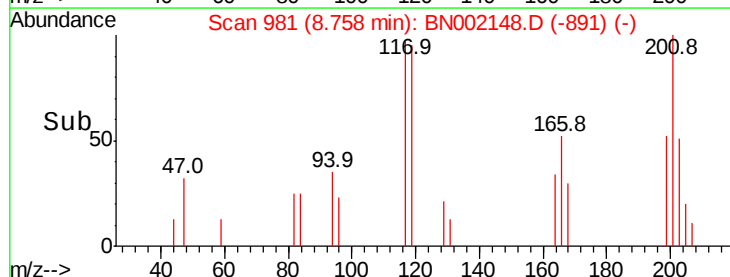
201 102.7 95.7 143.5

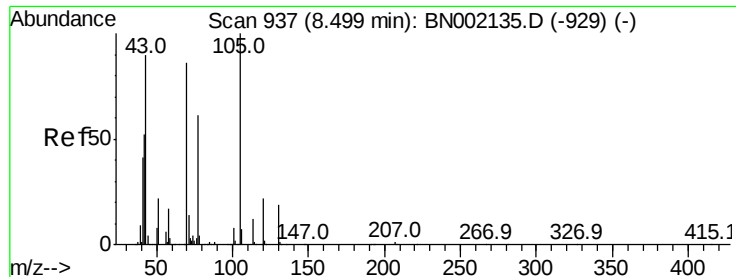


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

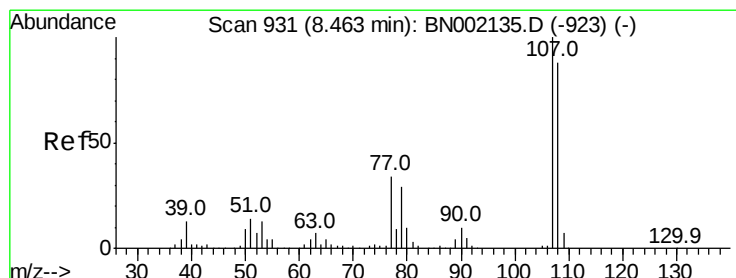
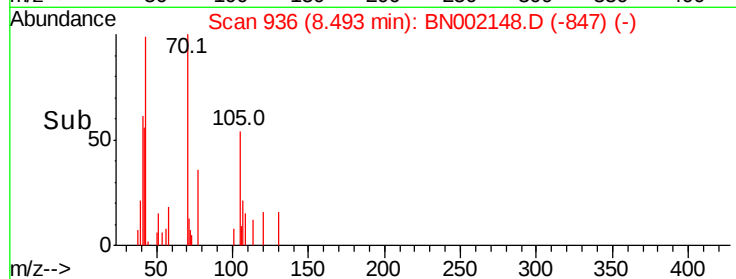
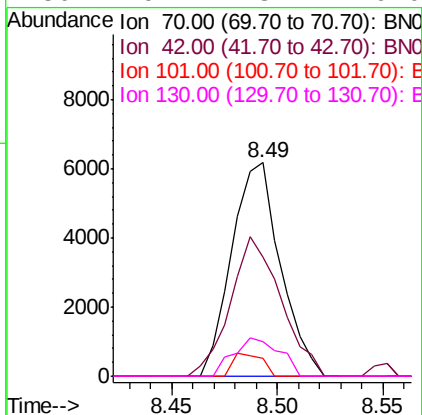
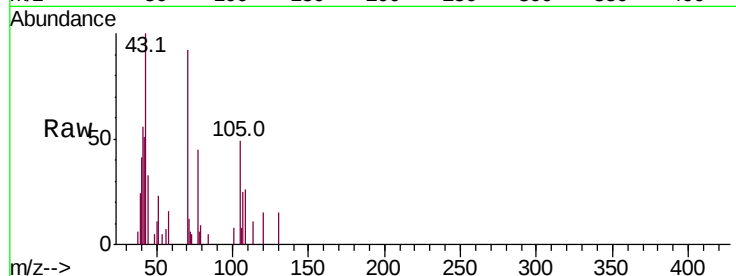




#19
n-Nitroso-di-n-propylamine
Concen: 0.742 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

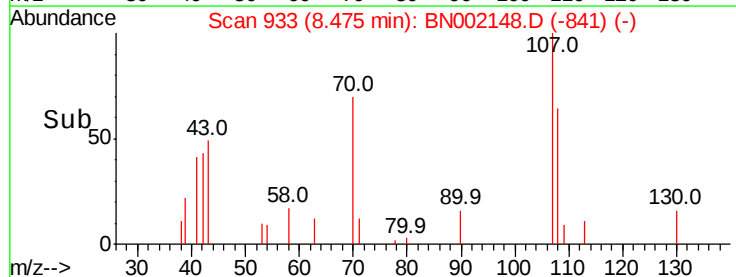
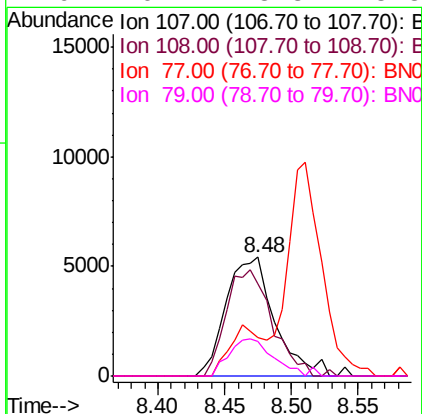
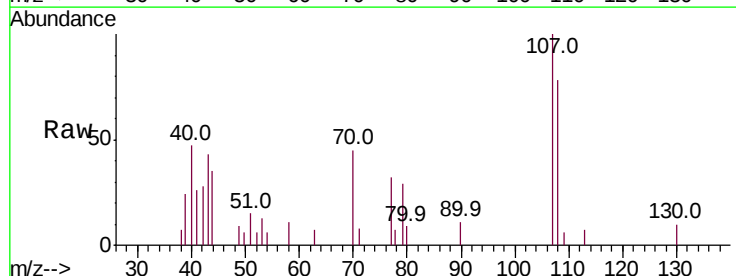
Instrument :
BNA_N
ClientSampleId :

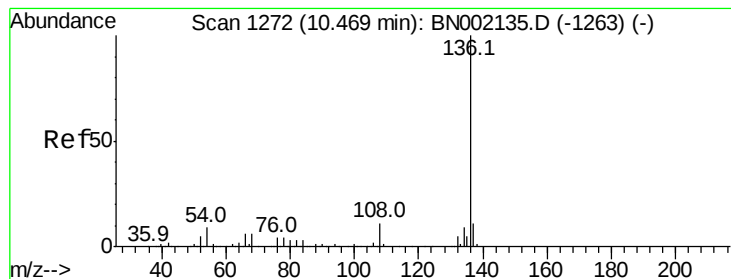
Tot Ion:	70	Resp:	9903
Ion	Ratio	Lower	Upper
70	100		
42	55.6	49.1	73.7
101	8.2	8.5	12.7#
130	16.4	13.4	20.0



#20
3+4-Methylphenols
Concen: 0.761 ng
RT: 8.48 min Scan# 933
Delta R.T. 0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:	107	Resp:	13673
Ion	Ratio	Lower	Upper
107	100		
108	77.7	61.6	101.6
77	32.3	13.9	53.9
79	29.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 838906

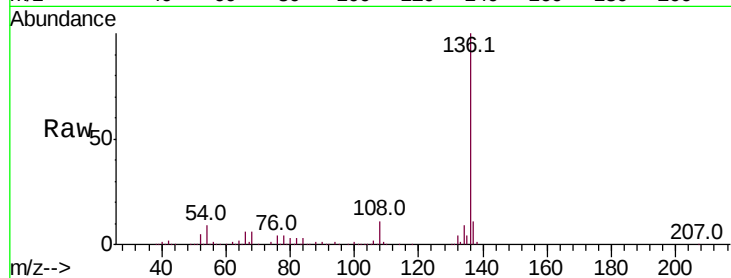
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.4 10.3 15.5#

68 5.9 4.5 6.7

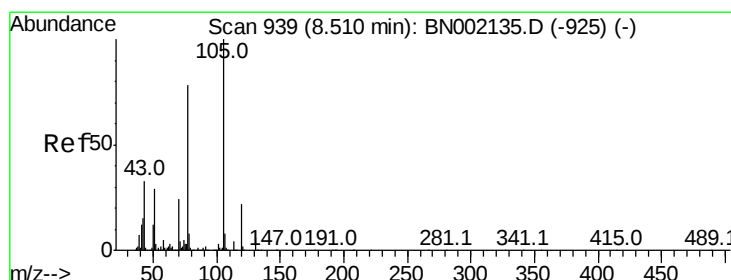
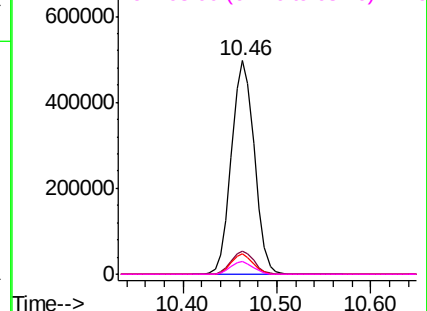
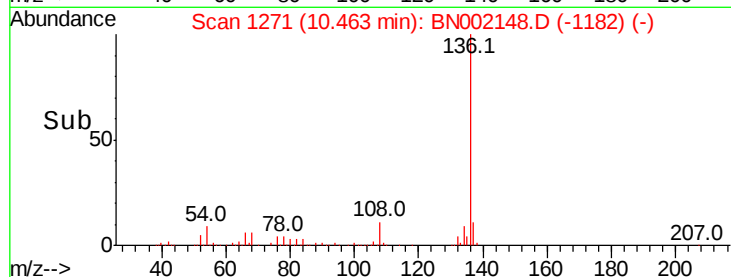


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 0.958 ng

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Tgt Ion:105 Resp: 20845

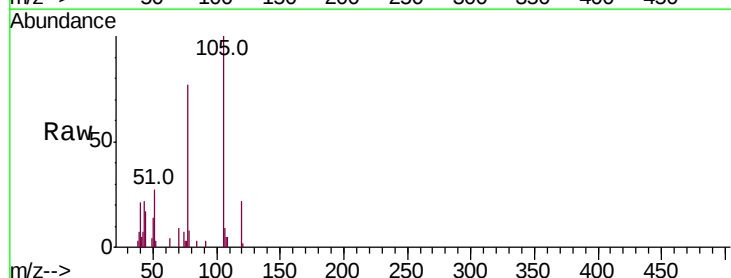
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 27.0 26.1 39.1

120 22.1 17.4 26.2

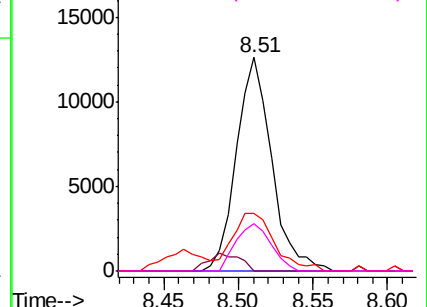
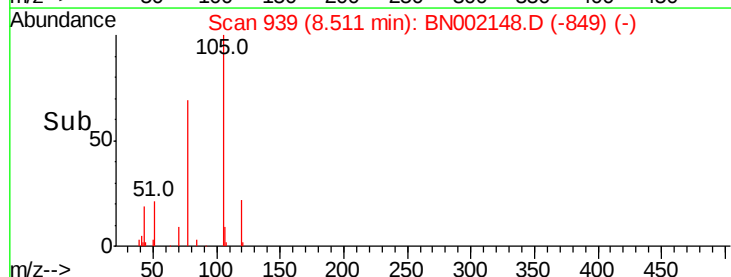


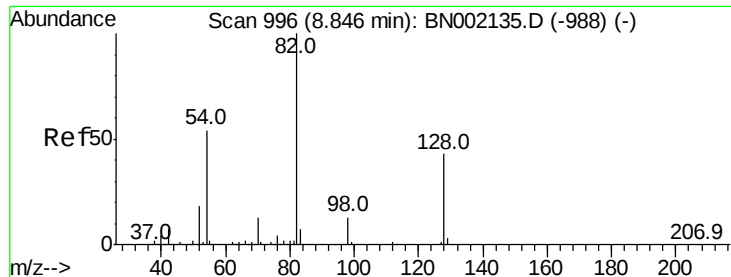
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



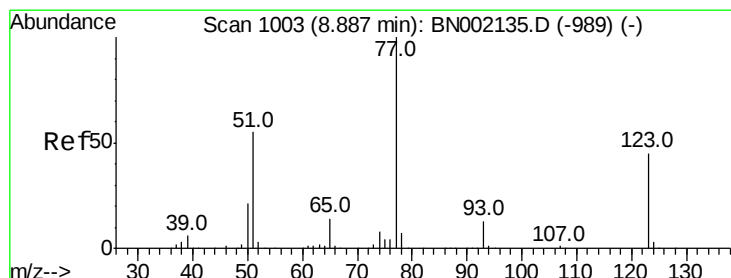
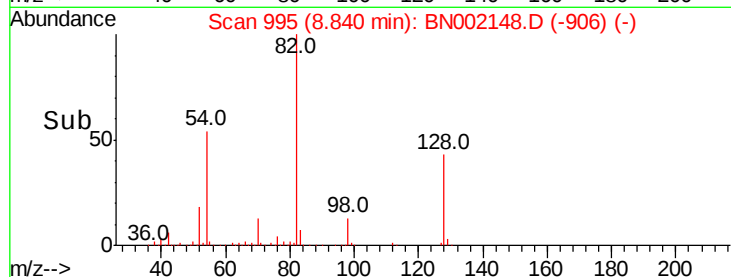
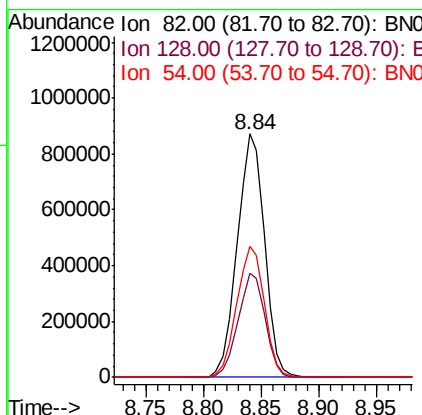
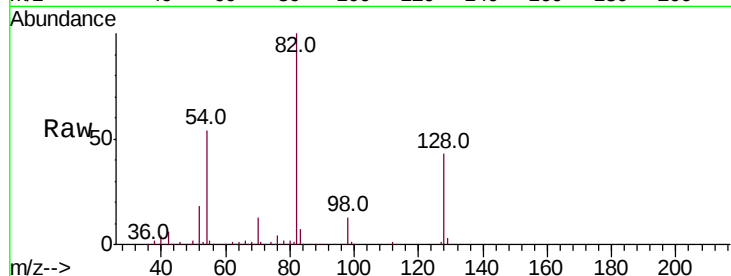


#23
 Nitrobenzene-d5
 Concen: 87.299 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampleID :

Tot Ion: 82 Resp: 1428057

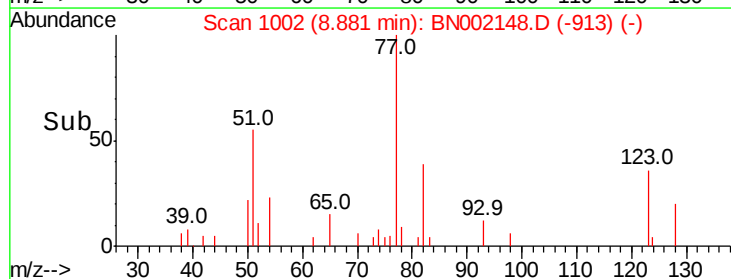
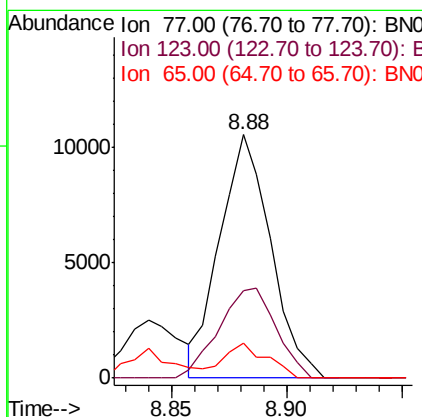
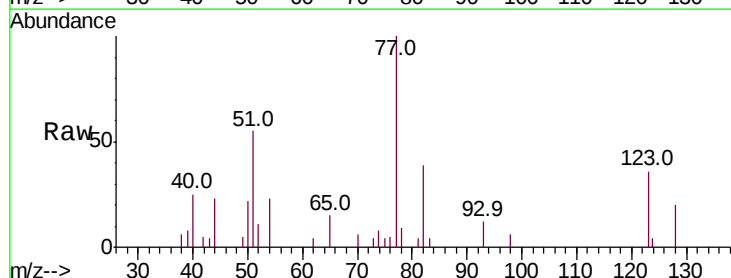
Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.7	44.5
54	53.6	43.1	64.7

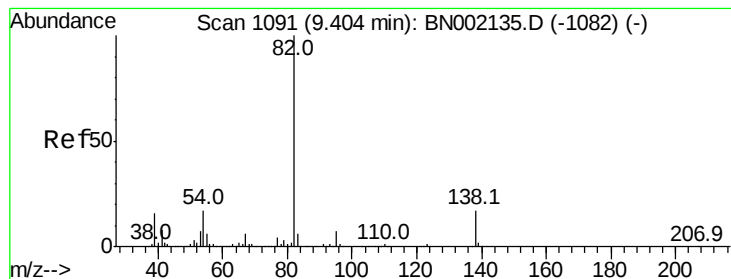


#24
 Nitrobenzene
 Concen: 0.953 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion: 77 Resp: 16161

Ion	Ratio	Lower	Upper
77	100		
123	35.8	33.0	49.6
65	14.5	13.0	19.6





#25

Isophorone

Concen: 0.951 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

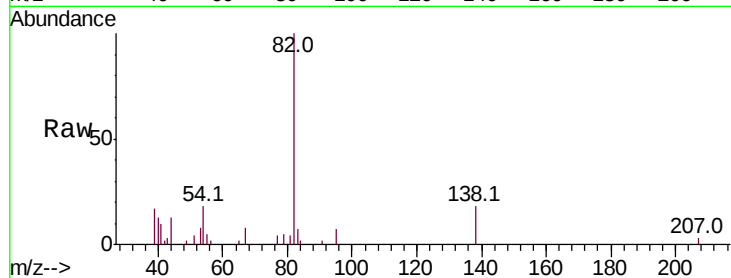
Tot Ion: 82 Resp: 26707

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

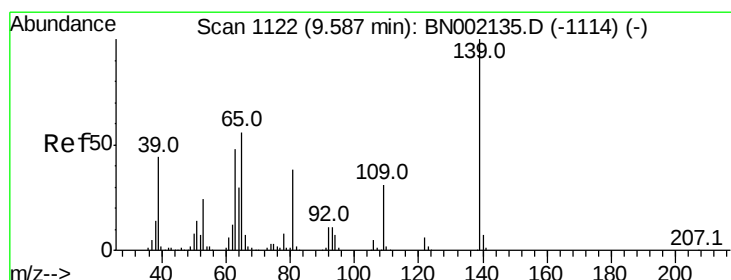
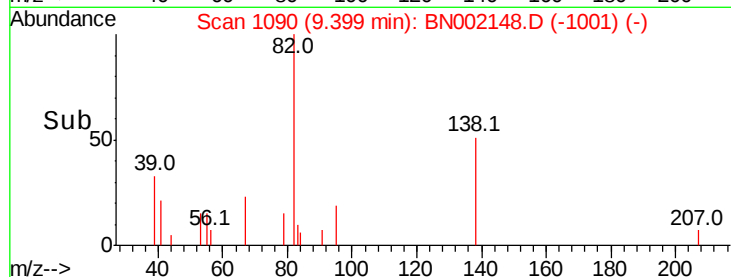
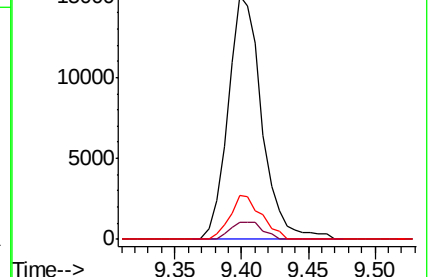
138 17.9 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN002135.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BN002135.D (-1082) (-)



#26

2-Nitrophenol

Concen: 0.650 ng

RT: 9.60 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

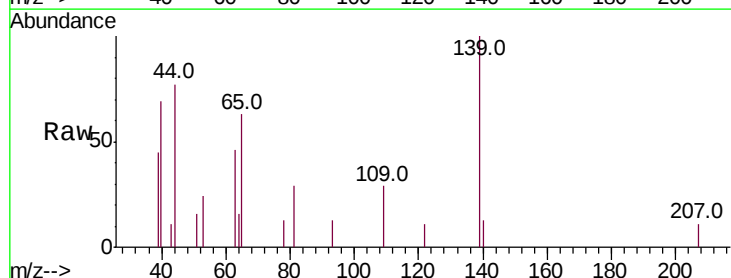
Tgt Ion: 139 Resp: 5323

Ion Ratio Lower Upper

139 100

109 29.2 24.2 36.2

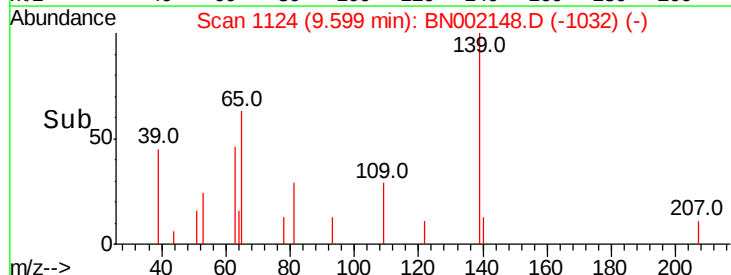
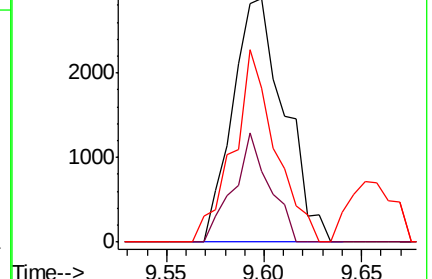
65 63.3 47.4 71.0

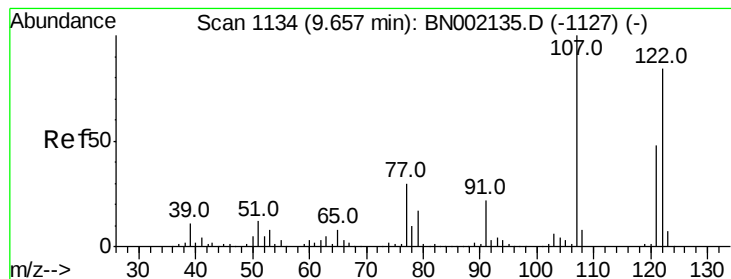


Abundance Ion 139.00 (138.70 to 139.70): BN002135.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BN002135.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-1114) (-)





#27

2,4-Dimethylphenol

Concen: 0.966 ng

RT: 9.66 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

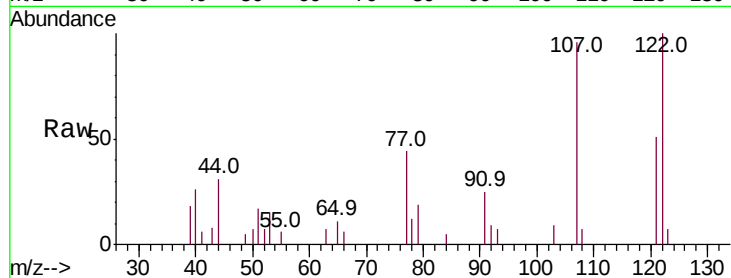
Tot Ion:122 Resp: 11006

Ion Ratio Lower Upper

122 100

107 95.7 100.2 150.2#

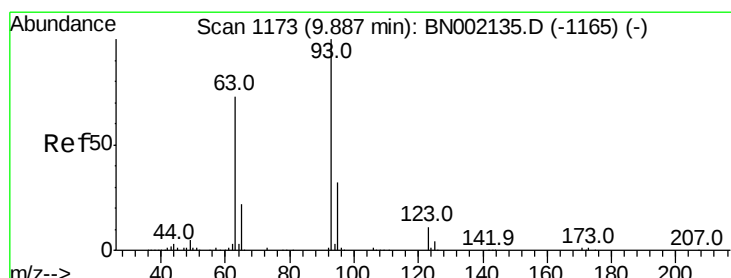
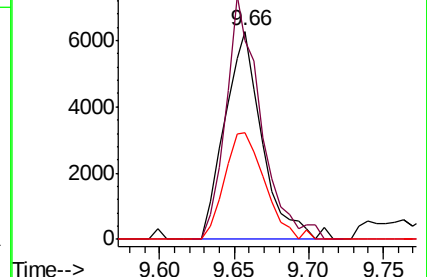
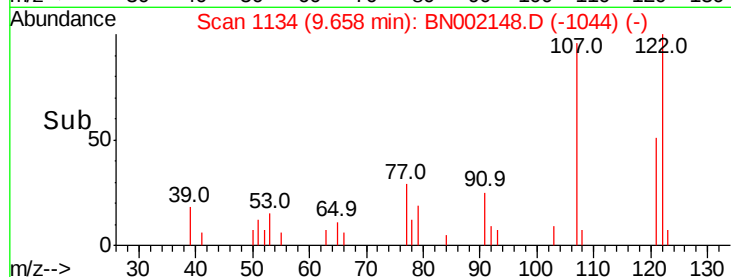
121 51.4 44.4 66.6



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: 0.897 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

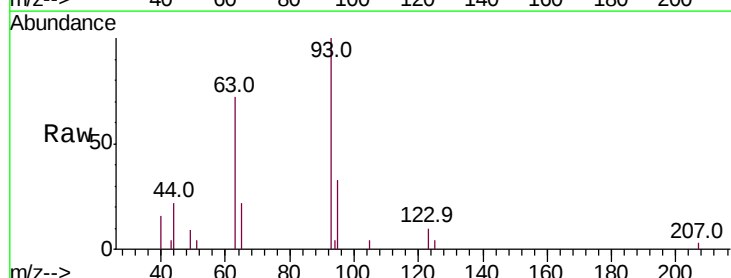
Tgt Ion: 93 Resp: 16276

Ion Ratio Lower Upper

93 100

95 33.2 24.3 36.5

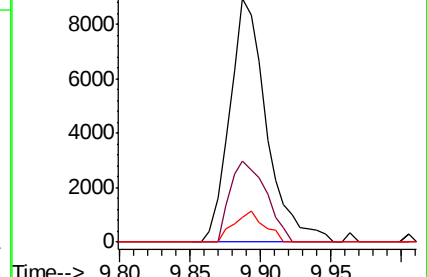
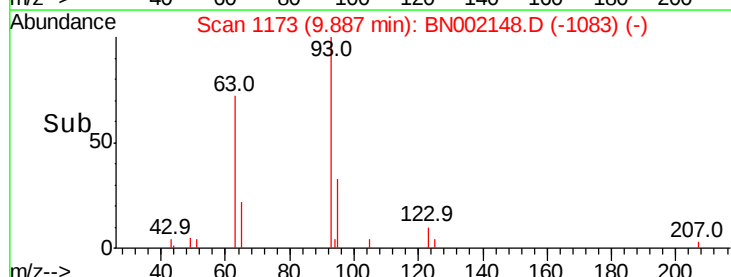
123 10.4 8.4 12.6

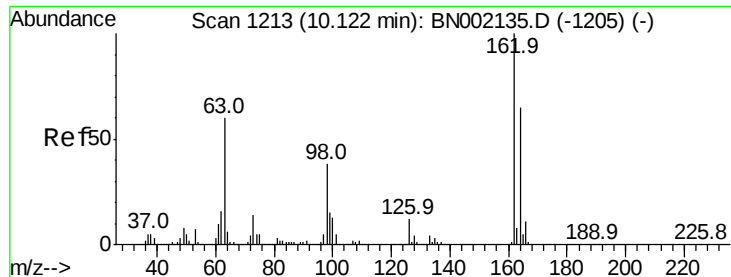


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 0.706 ng

RT: 10.13 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

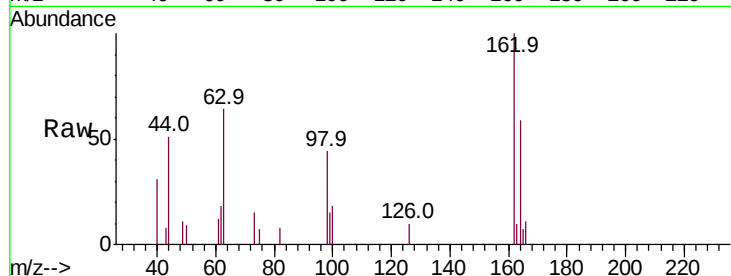
Tot Ion:162 Resp: 9378

Ion Ratio Lower Upper

162 100

164 59.3 48.0 88.0

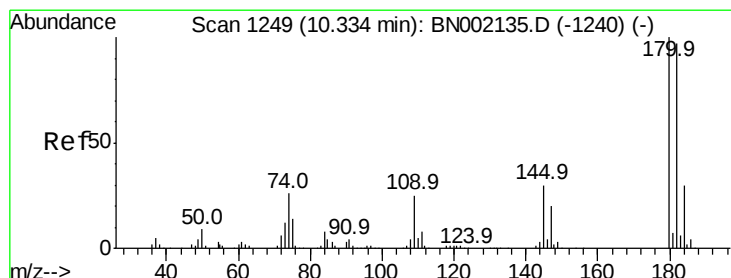
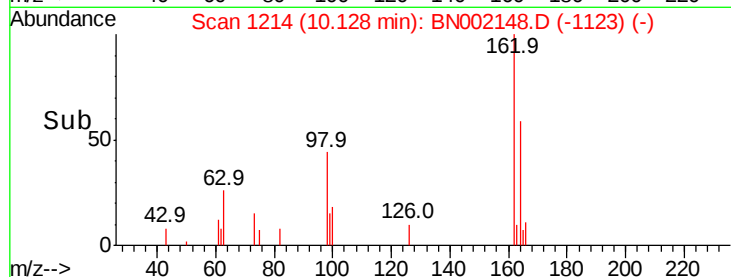
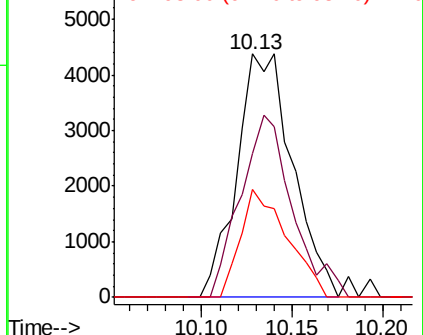
98 44.2 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 0.942 ng

RT: 10.33 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

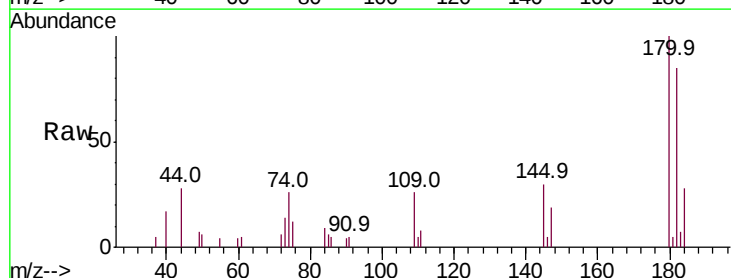
Tgt Ion:180 Resp: 14176

Ion Ratio Lower Upper

180 100

182 85.4 77.5 116.3

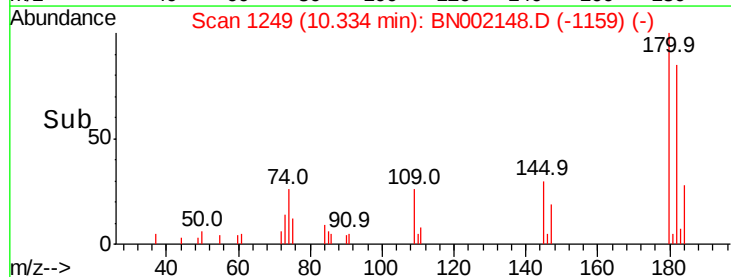
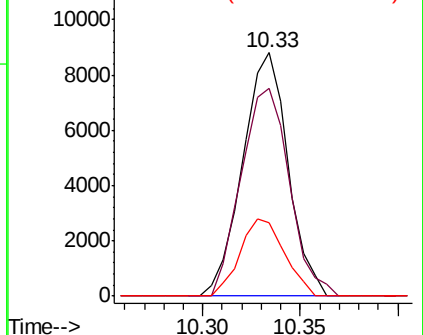
145 30.4 23.4 35.2

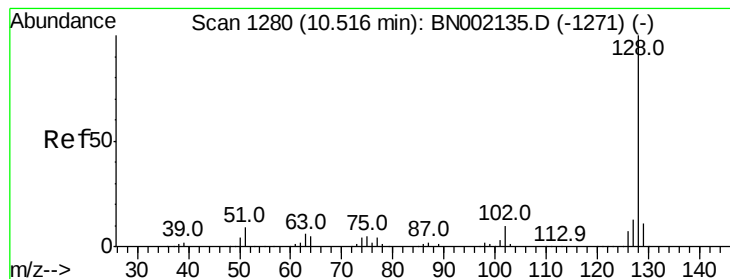


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 1.023 ng

RT: 10.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

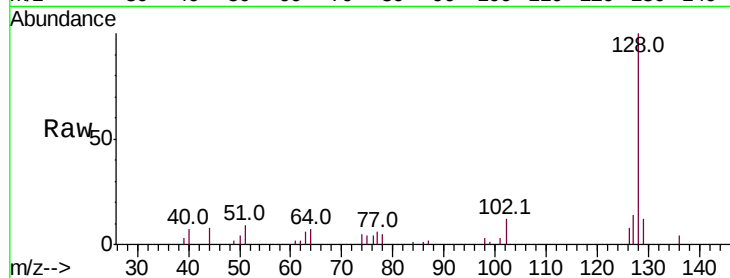
Tot Ion:128 Resp: 43305

Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

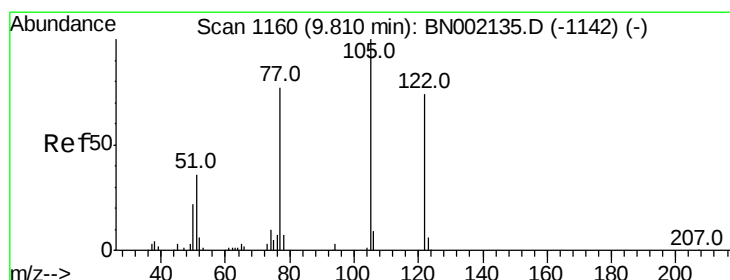
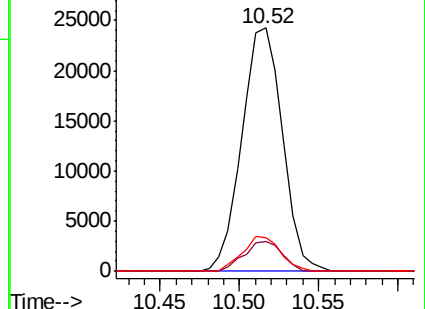
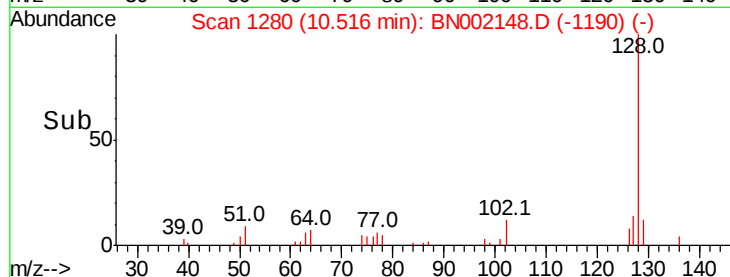
127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.053 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

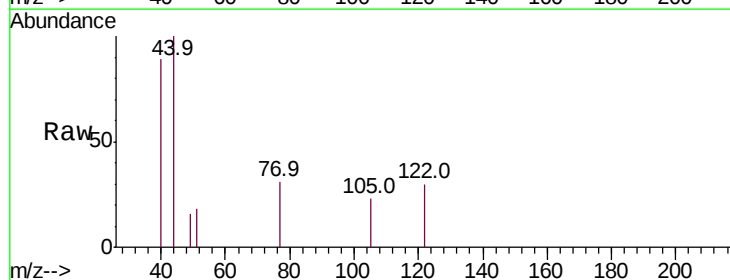
Tgt Ion:122 Resp: 508

Ion Ratio Lower Upper

122 100

105 77.6 123.5 163.5#

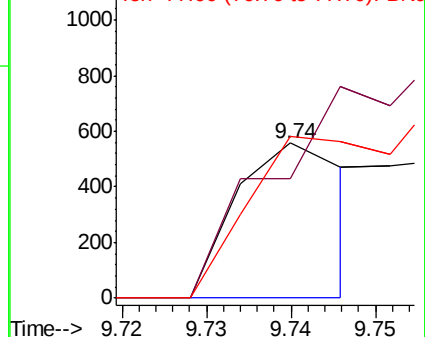
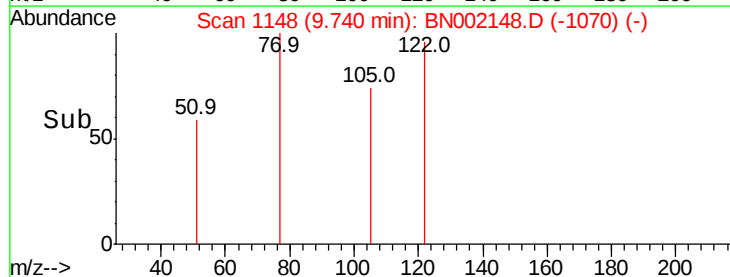
77 104.3 85.7 125.7

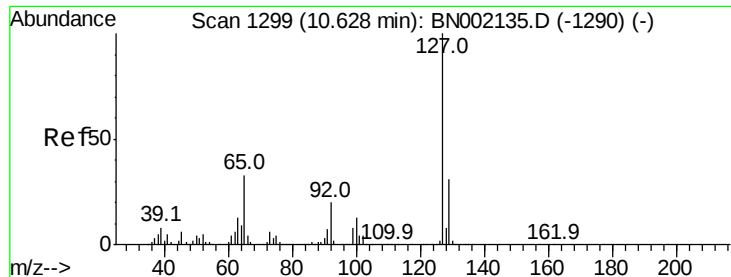


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

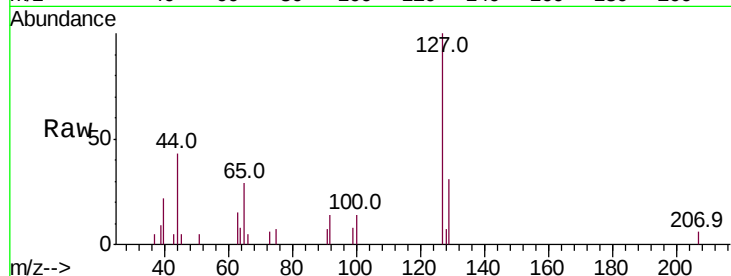




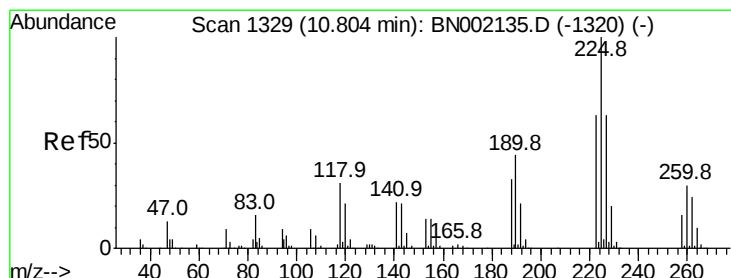
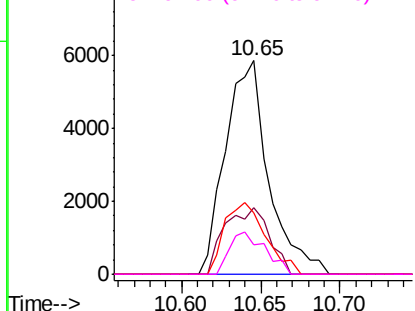
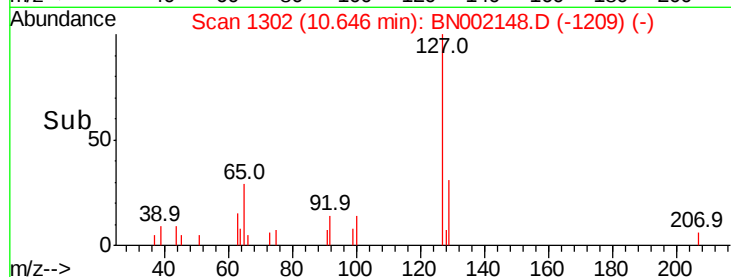
#33
4-Chloroaniline
Concen: 0.587 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 11065
Ion Ratio Lower Upper
127 100
129 31.2 24.0 36.0
65 28.7 27.0 40.4
92 13.8 16.6 25.0#

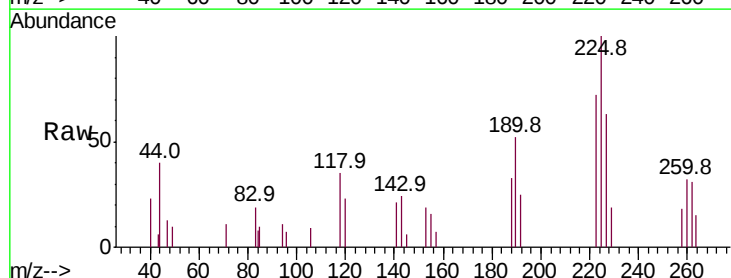


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

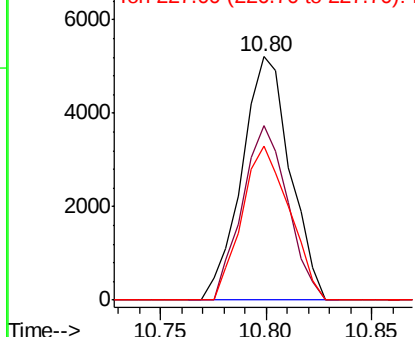
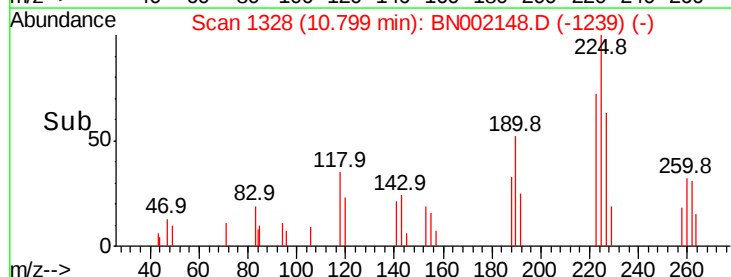


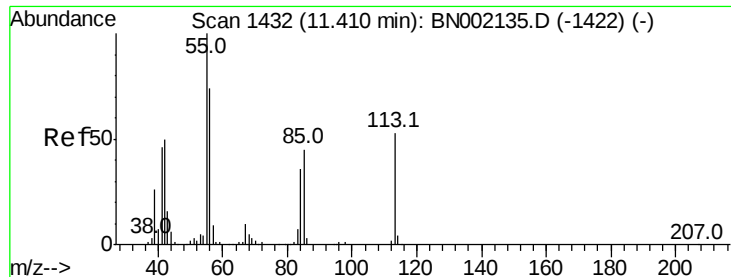
#34
Hexachlorobutadiene
Concen: 0.903 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:225 Resp: 8317
Ion Ratio Lower Upper
225 100
223 71.8 49.7 74.5
227 63.5 48.1 72.1



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





#35

Caprolactam

Concen: 0.499 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

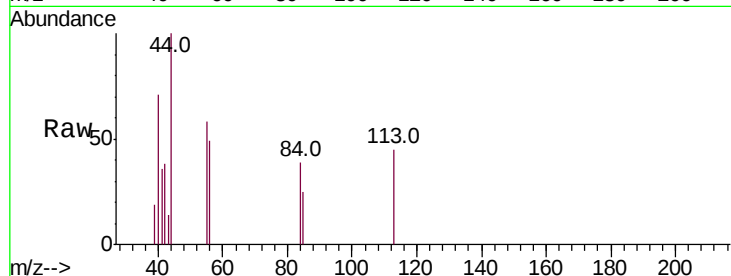
Tot Ion:113 Resp: 2261

Ion Ratio Lower Upper

113 100

55 128.0 120.0 160.0

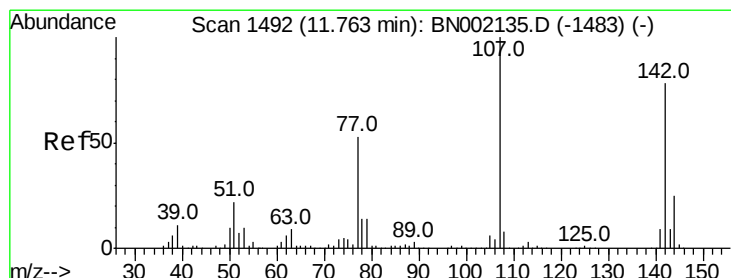
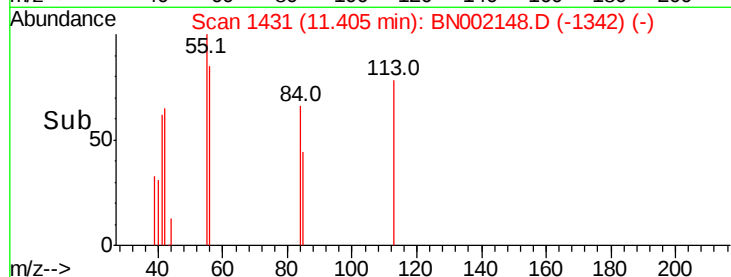
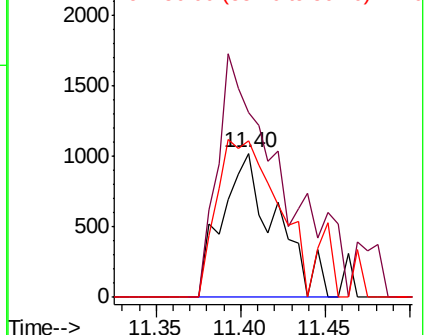
56 108.8 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#36

4-Chloro-3-methylphenol

Concen: 0.707 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

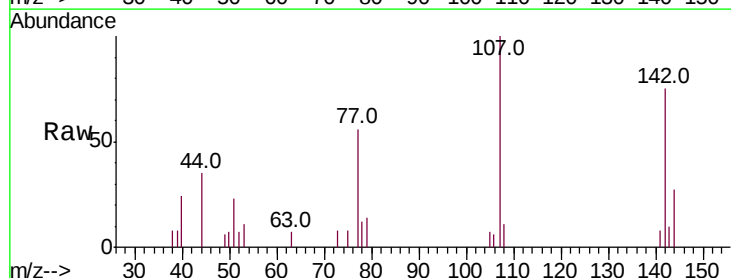
Tgt Ion:107 Resp: 10676

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

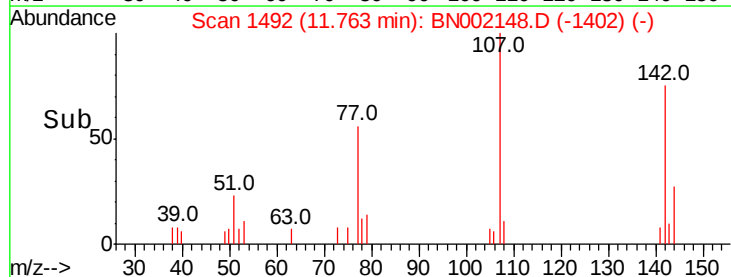
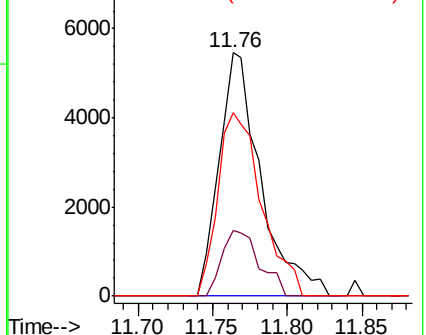
142 75.1 59.0 88.4

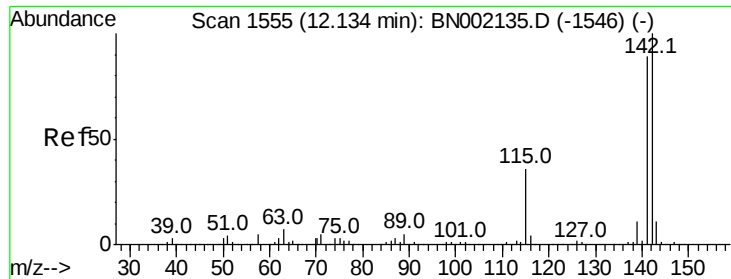


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

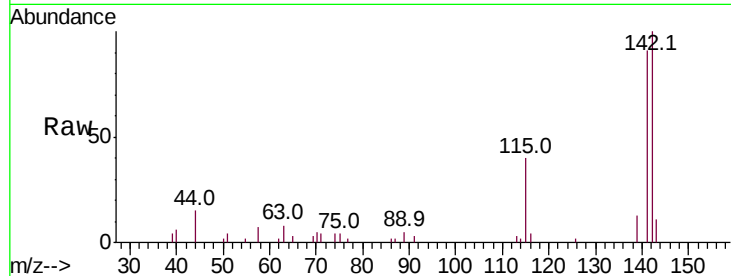




#37
2-Methylnaphthalene
Concen: 1.031 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	39.8	30.7	46.1

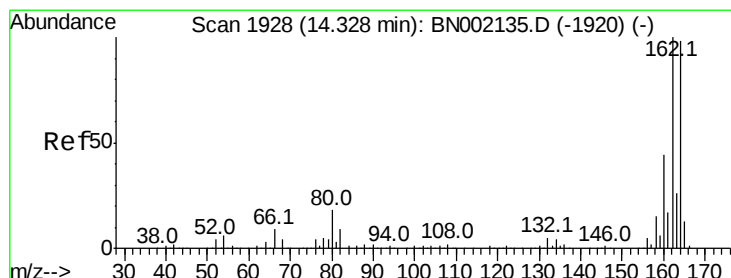
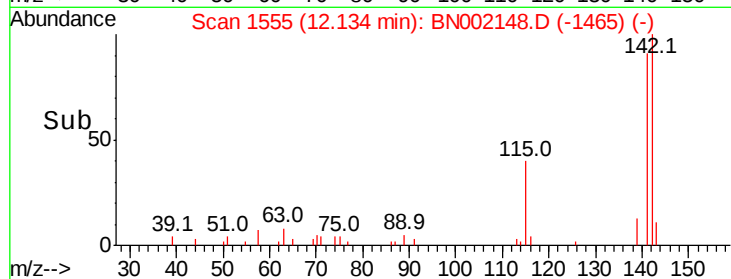
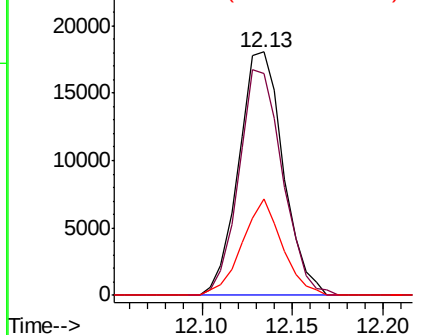


Abundance

Ion 142.00 (141.70 to 142.70): E

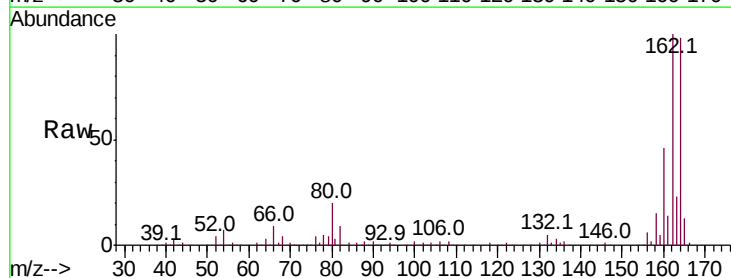
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	46.7	35.4	53.0

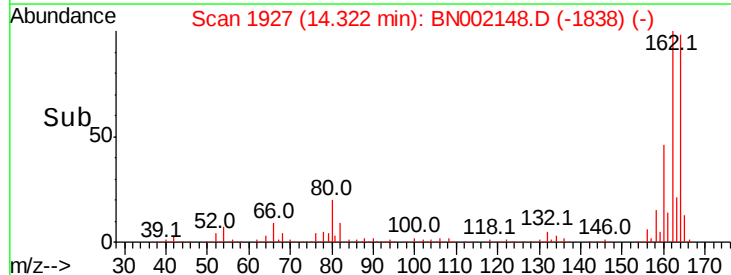
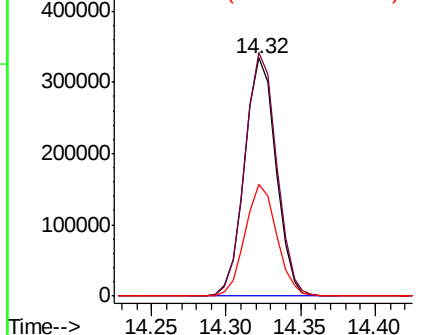


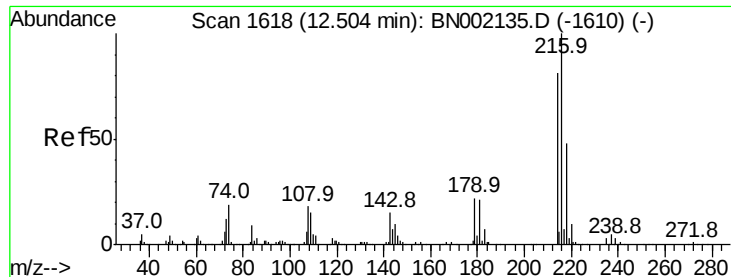
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.962 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 15712

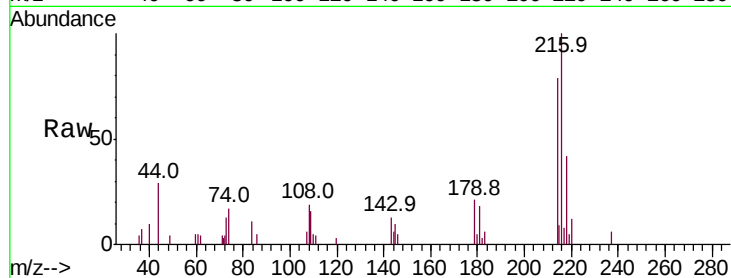
Ion	Ratio	Lower	Upper
216	100		
214	74.3	63.0	94.4
179	19.4	17.0	25.6
108	16.6	12.8	19.2

216 100

214 74.3 63.0 94.4

179 19.4 17.0 25.6

108 16.6 12.8 19.2



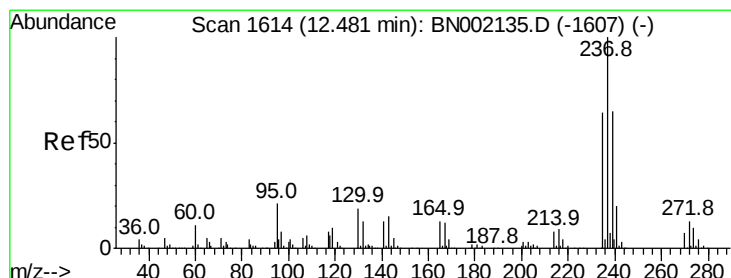
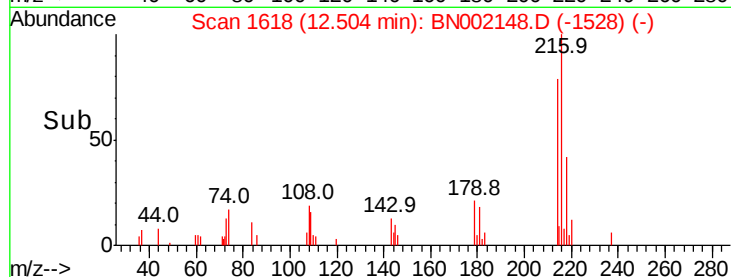
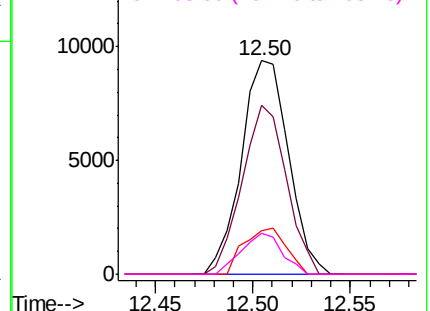
Abundance

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



#40

Hexachlorocyclopentadiene

Concen: 0.732 ng

RT: 12.49 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

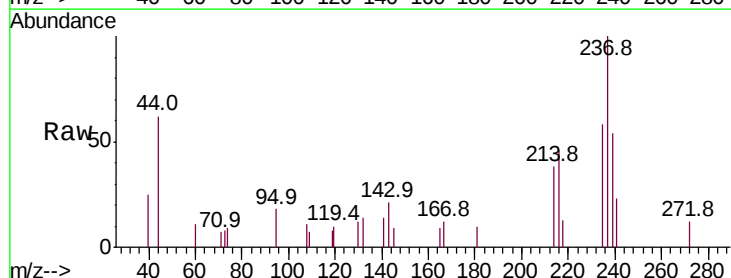
Tgt Ion:237 Resp: 6754

Ion	Ratio	Lower	Upper
237	100		
235	58.4	50.4	90.4
272	11.6	0.0	31.8

237 100

235 58.4 50.4 90.4

272 11.6 0.0 31.8

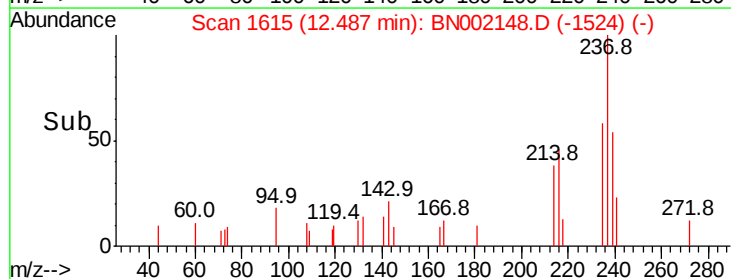
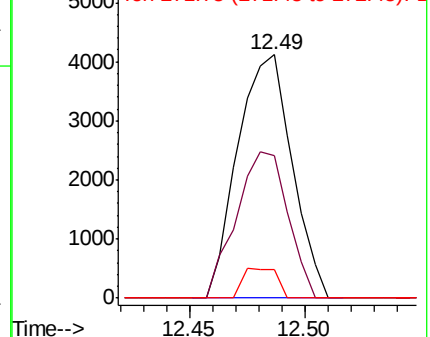


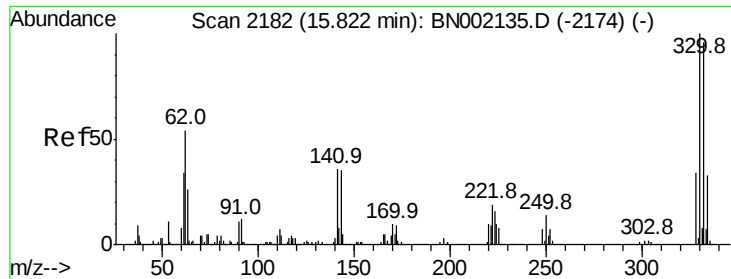
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

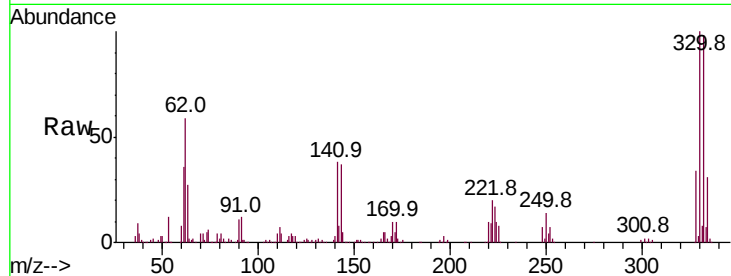




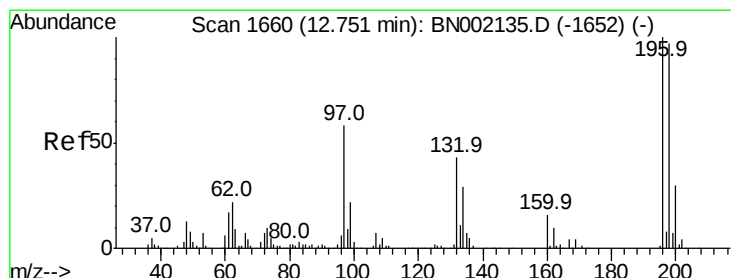
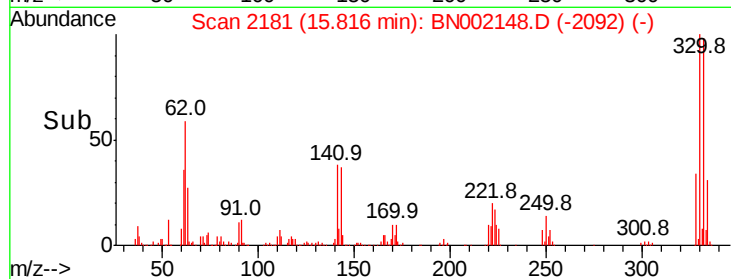
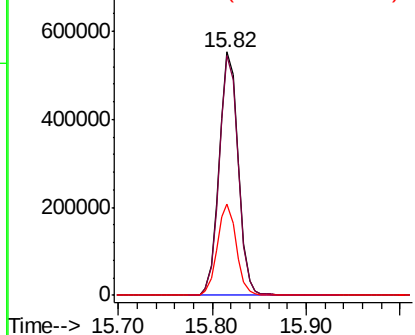
#41
 2,4,6-Tribromophenol
 Concen: 124.958 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 788453
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 37.3 25.2 37.8

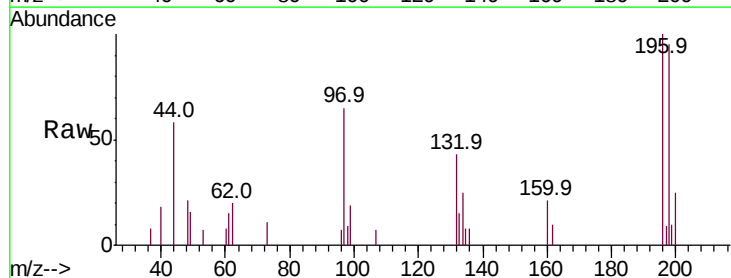


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

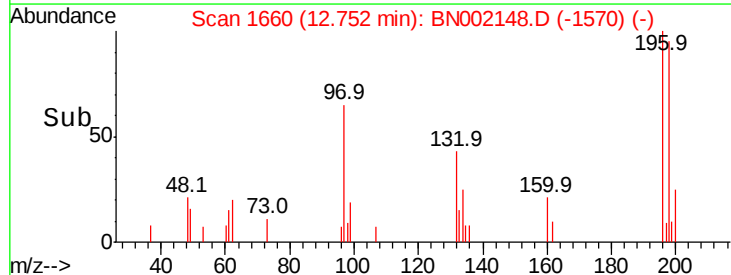
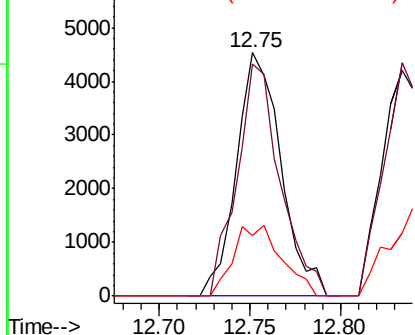


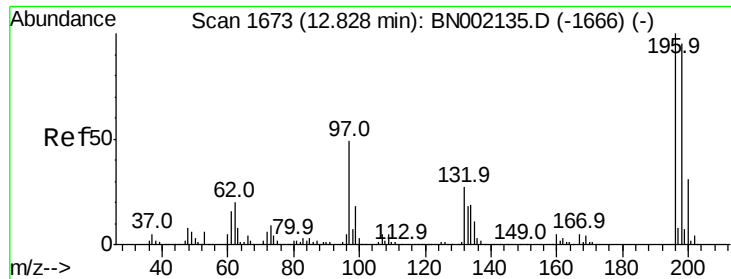
#42
 2,4,6-Trichlorophenol
 Concen: 0.708 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:196 Resp: 7761
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.2 117.2
 200 24.8 24.6 36.8



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

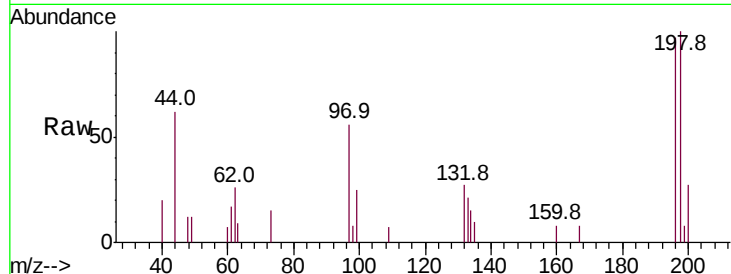




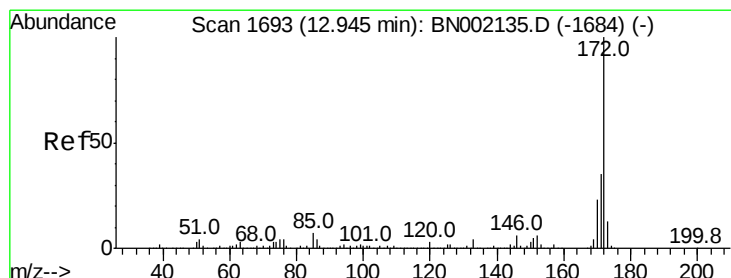
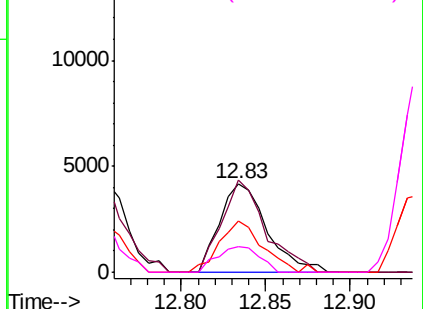
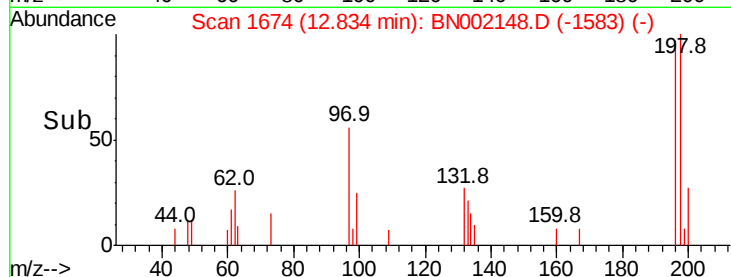
#43
 2,4,5-Trichlorophenol
 Concen: 0.702 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 8156
 Ion Ratio Lower Upper
 196 100
 198 103.6 76.2 114.4
 97 57.6 38.7 58.1
 132 28.2 20.2 30.2

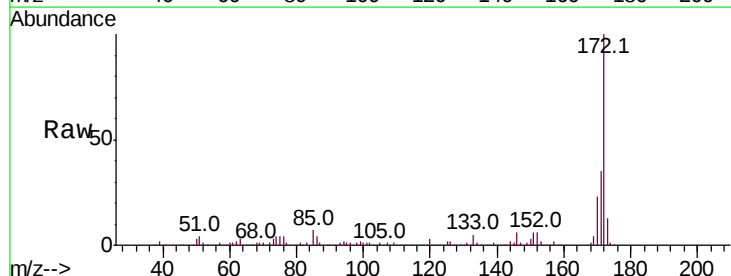


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

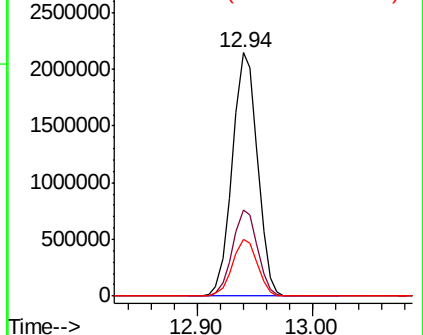
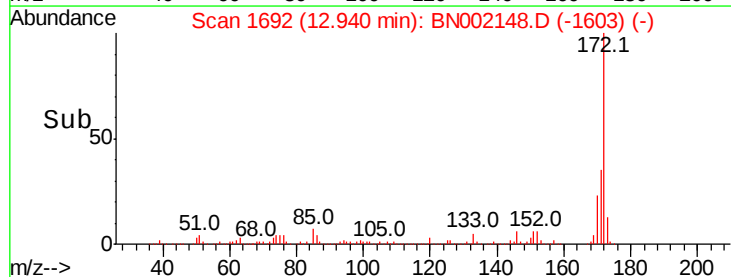


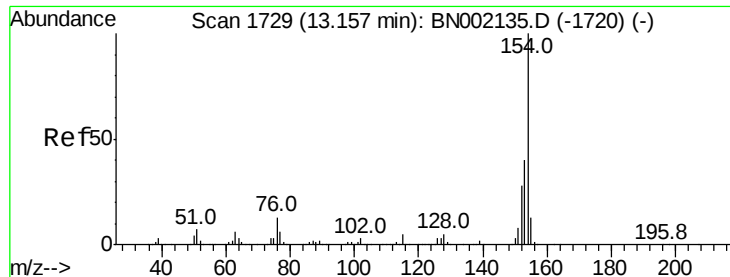
#44
 2-Fluorobiphenyl
 Concen: 86.727 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:172 Resp: 3235414
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.4 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 1.044 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

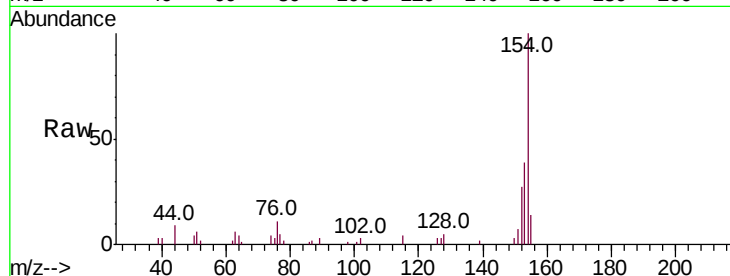
Tot Ion:154 Resp: 44634

Ion Ratio Lower Upper

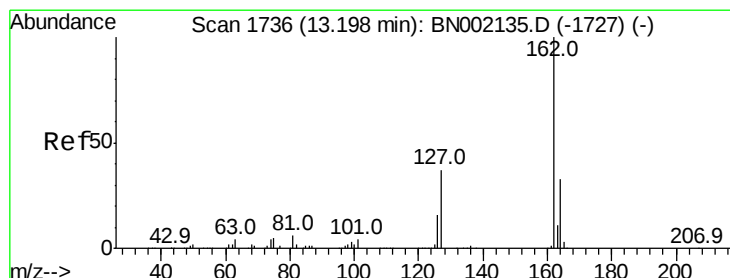
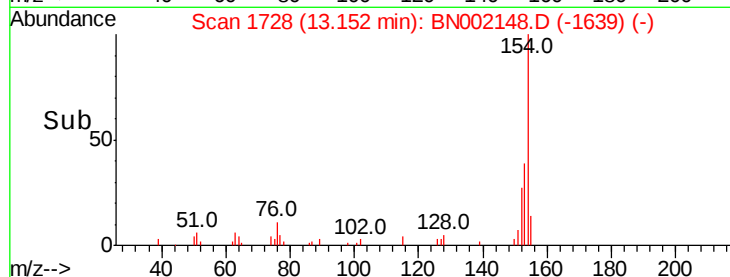
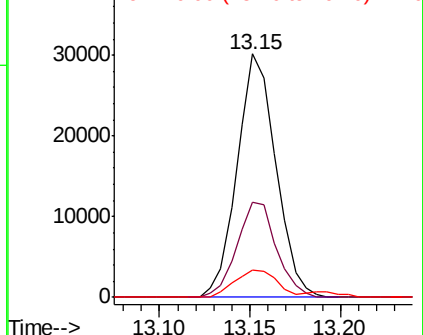
154 100

153 39.1 19.8 59.8

76 11.1 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 0.918 ng

RT: 13.19 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

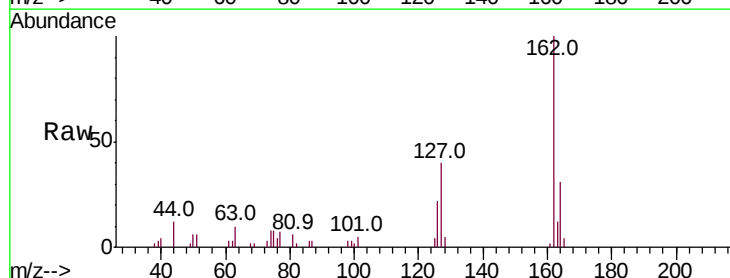
Tgt Ion:162 Resp: 30297

Ion Ratio Lower Upper

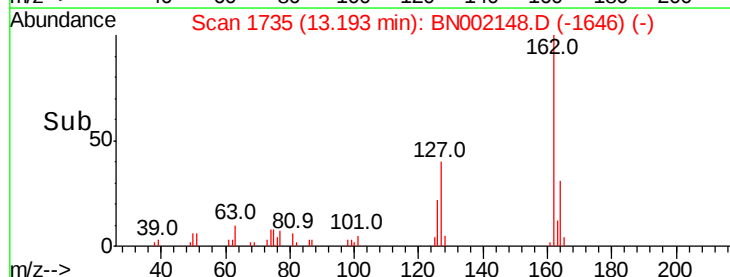
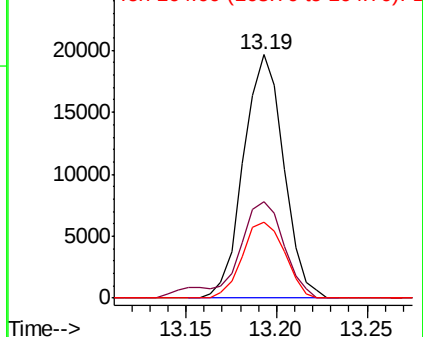
162 100

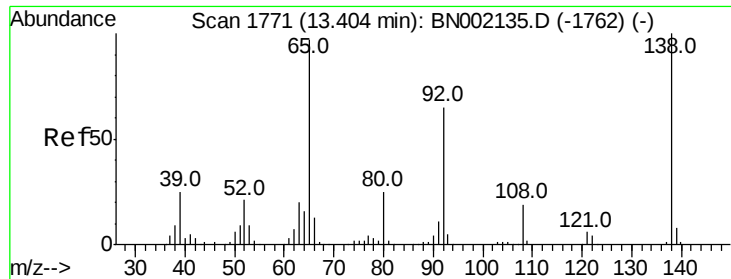
127 39.8 30.7 46.1

164 31.3 26.0 39.0



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

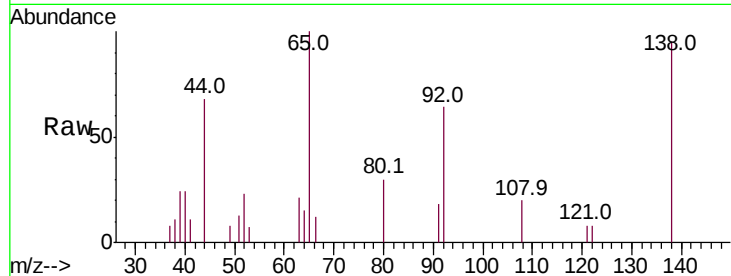




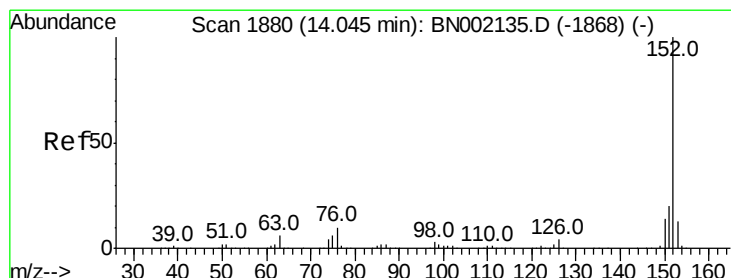
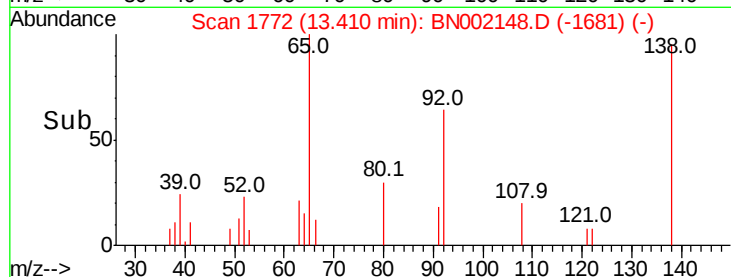
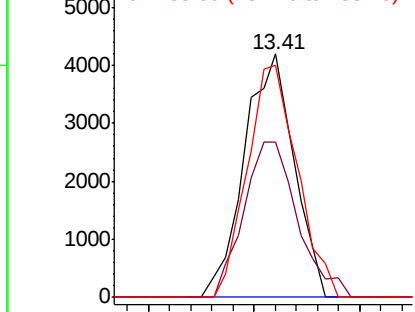
#47
2-Nitroaniline
Concen: 0.645 ng
RT: 13.41 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampled :

Tot Ion: 65 Resp: 6854
Ion Ratio Lower Upper
65 100
92 64.0 54.6 82.0
138 95.5 72.9 109.3

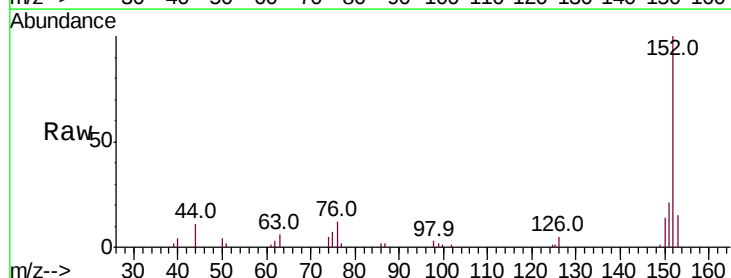


Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): E

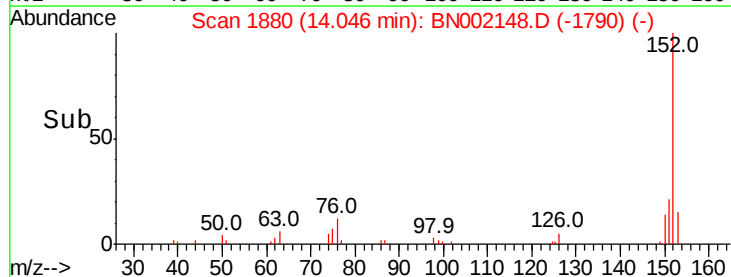
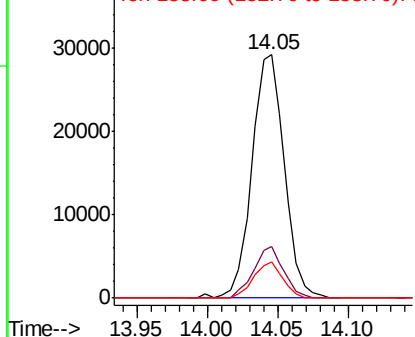


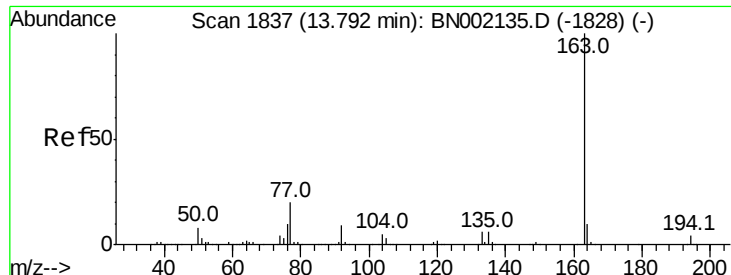
#48
Acenaphthylene
Concen: 0.938 ng
RT: 14.05 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:152 Resp: 46981
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 15.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.881 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

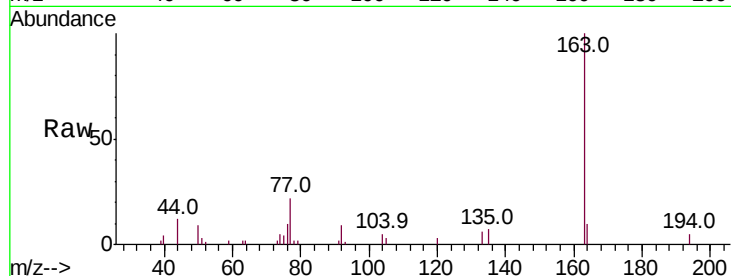
Tot Ion:163 Resp: 35560

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

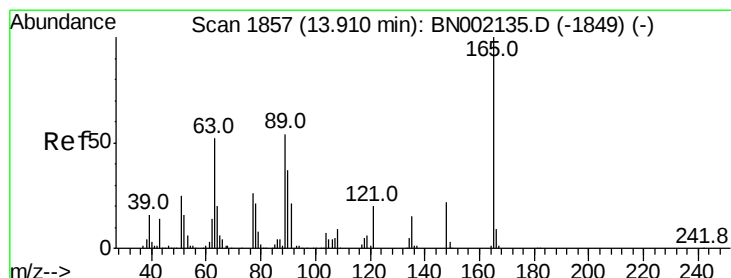
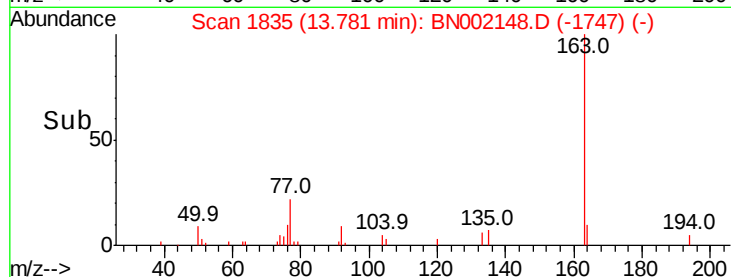
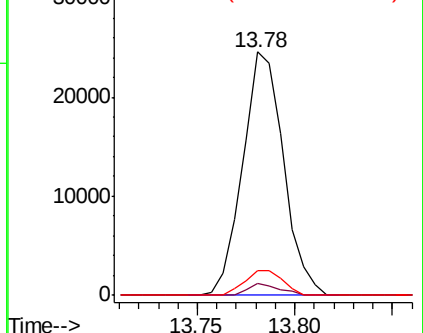
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 0.664 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

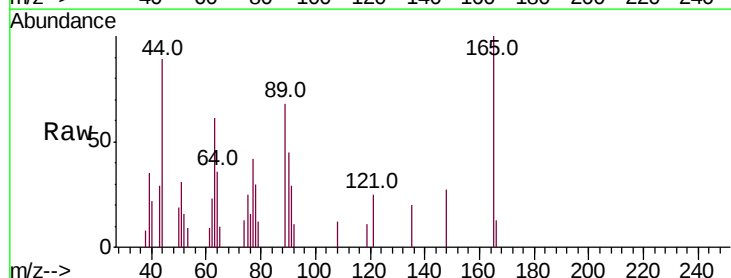
Tgt Ion:165 Resp: 5953

Ion Ratio Lower Upper

165 100

63 61.5 52.7 79.1

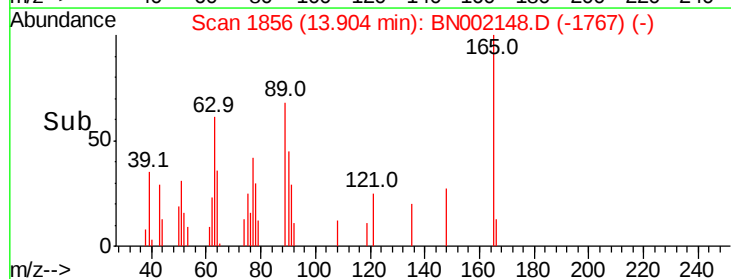
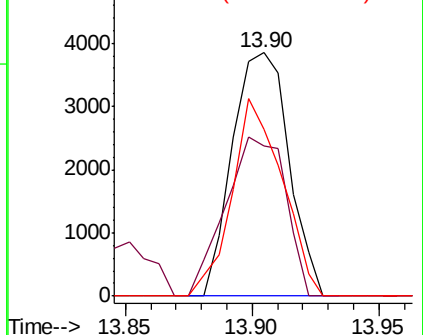
89 68.4 49.2 73.8

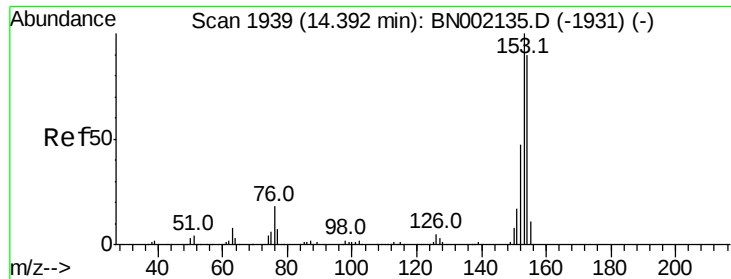


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 0.941 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

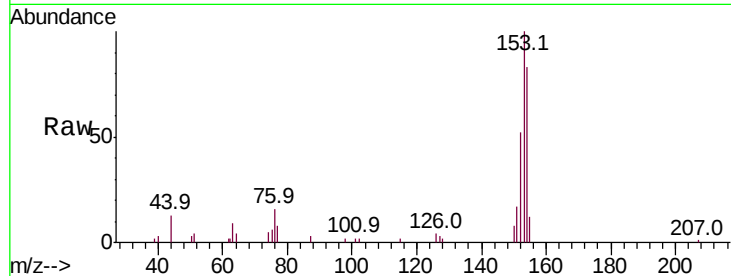
Tot Ion:154 Resp: 28382

Ion Ratio Lower Upper

154 100

153 119.8 90.4 135.6

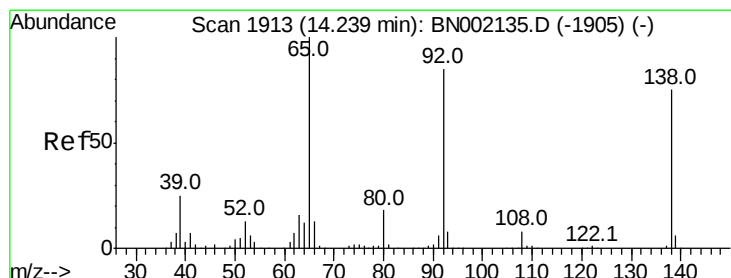
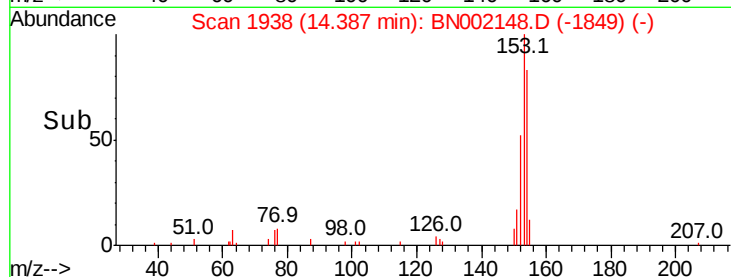
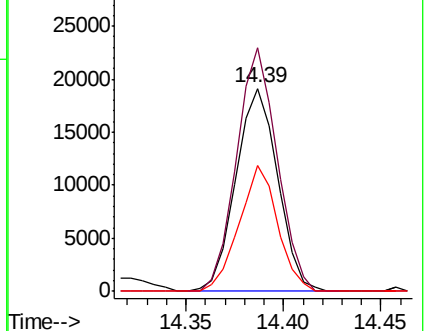
152 61.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.568 ng

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

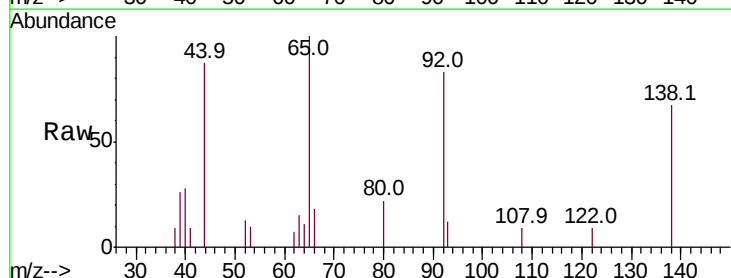
Tgt Ion:138 Resp: 5516

Ion Ratio Lower Upper

138 100

108 13.6 17.5 26.3#

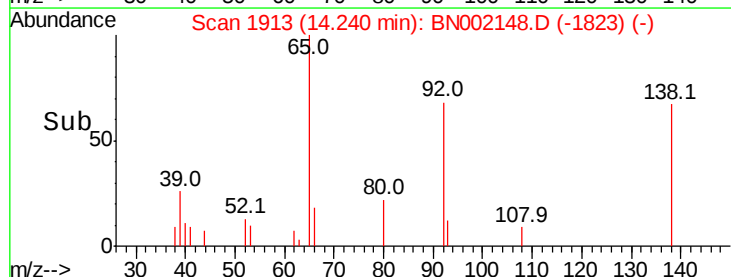
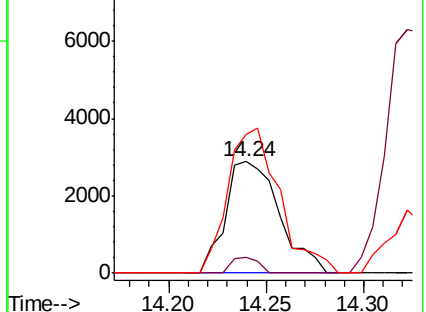
92 124.6 105.8 158.8

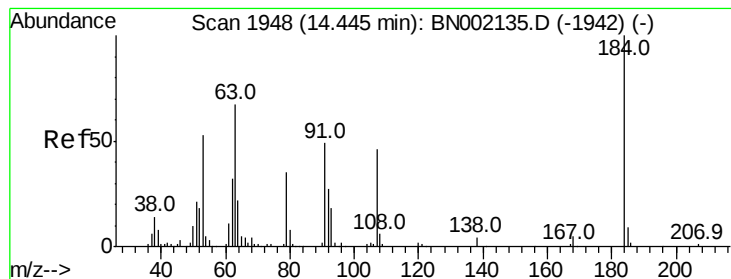


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#53

2,4-Dinitrophenol

Concen: 0.171 ng

RT: 14.47 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

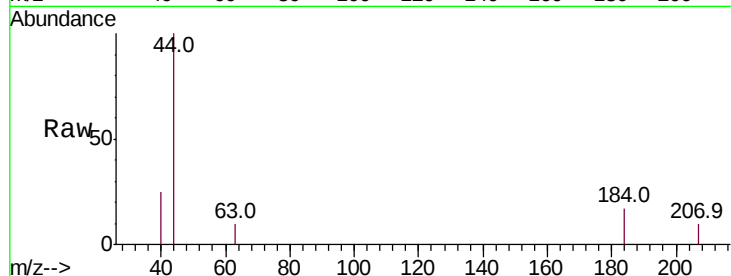
Tot Ion:184 Resp: 814

Ion Ratio Lower Upper

184 100

63 56.9 56.0 84.0

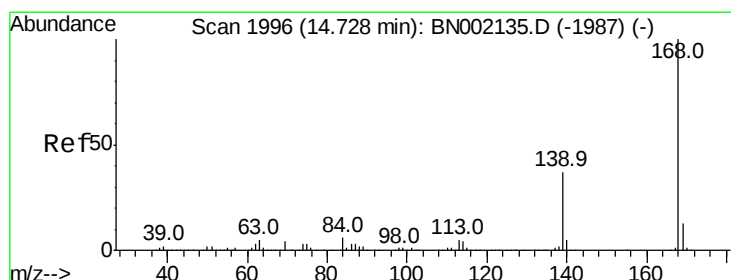
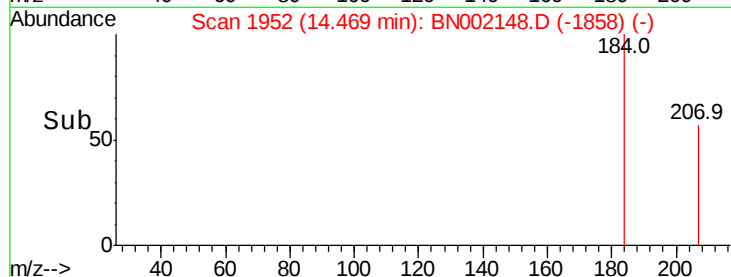
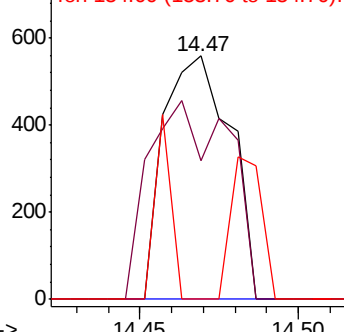
154 0.0 48.0 72.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.968 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

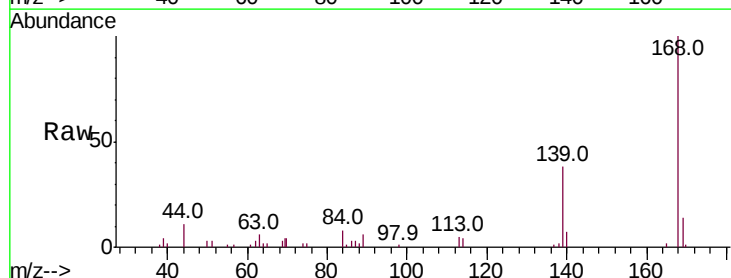
Tgt Ion:168 Resp: 47346

Ion Ratio Lower Upper

168 100

139 37.6 28.6 43.0

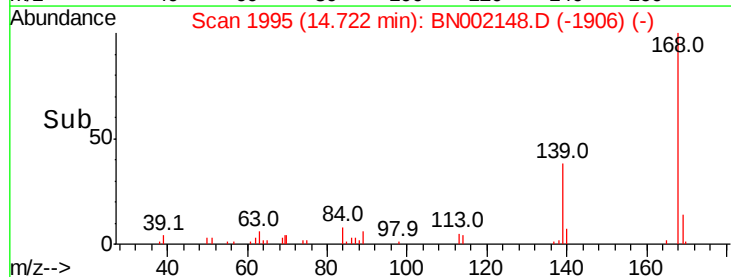
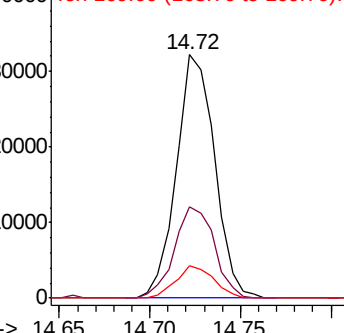
169 13.6 11.2 16.8

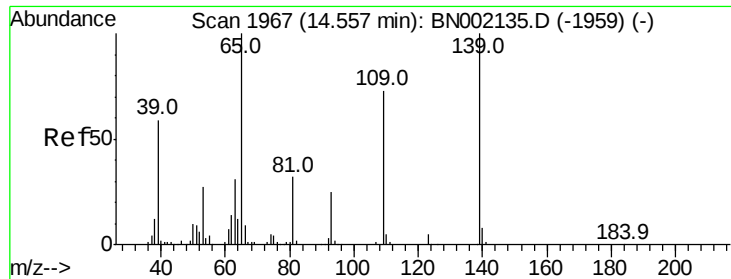


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

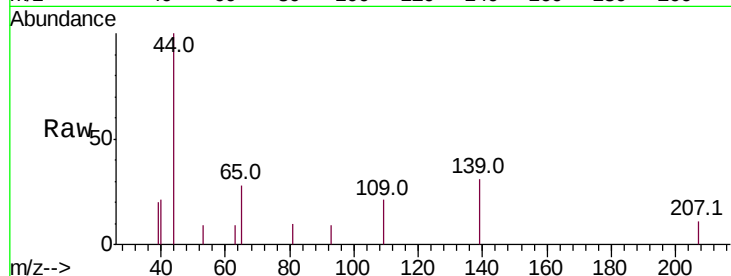




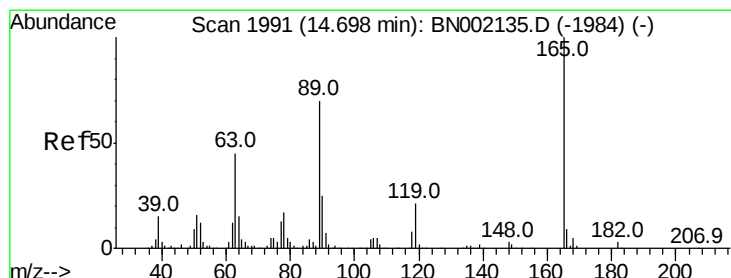
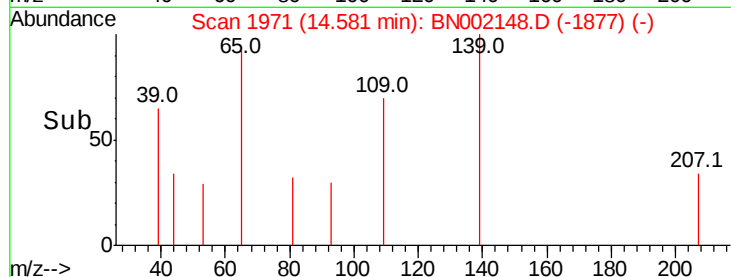
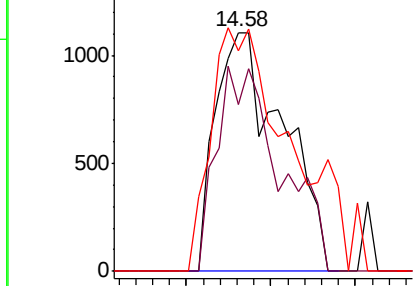
#55
4-Nitrophenol
Concen: 0.414 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.02 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:139 Resp: 3085
Ion Ratio Lower Upper
139 100
109 69.7 62.2 102.2
65 92.2 97.2 137.2#

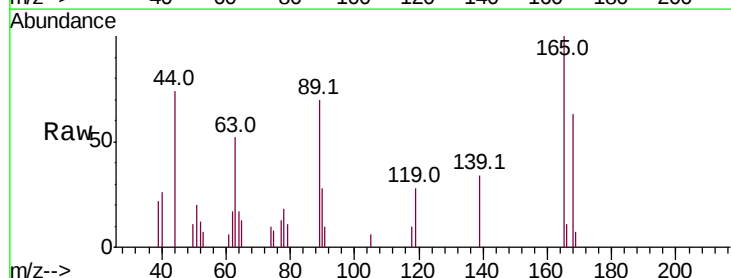


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC

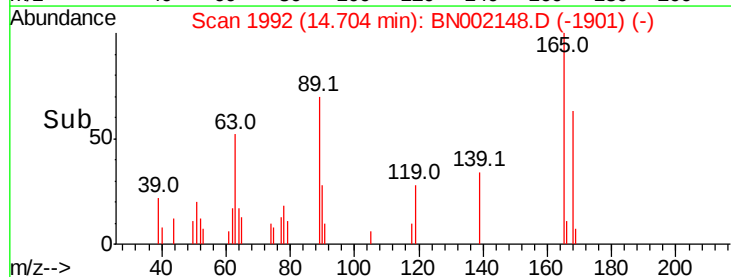
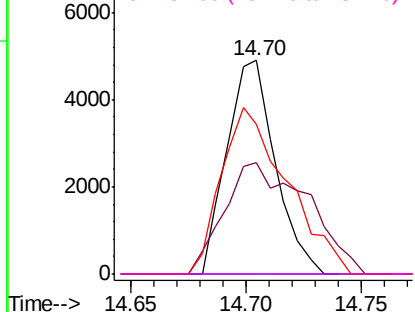


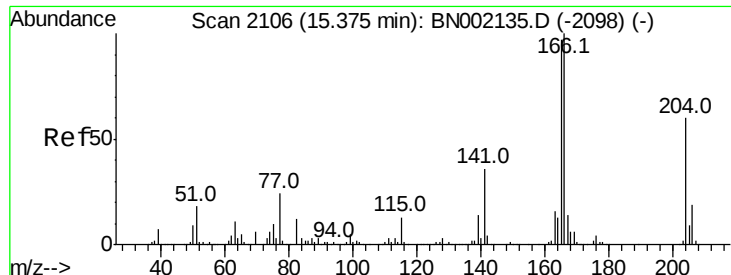
#56
2,4-Dinitrotoluene
Concen: 0.586 ng
RT: 14.70 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:165 Resp: 7134
Ion Ratio Lower Upper
165 100
63 52.0 42.0 63.0
89 69.8 66.9 100.3
182 0.0 2.6 3.8#



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

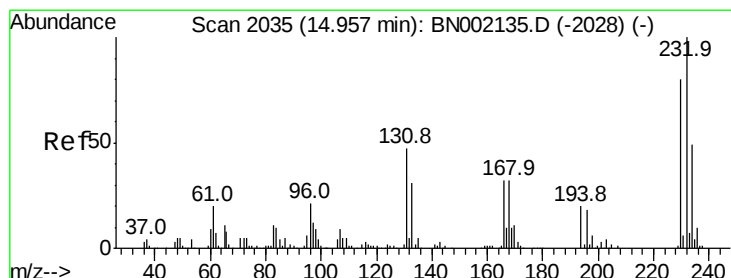
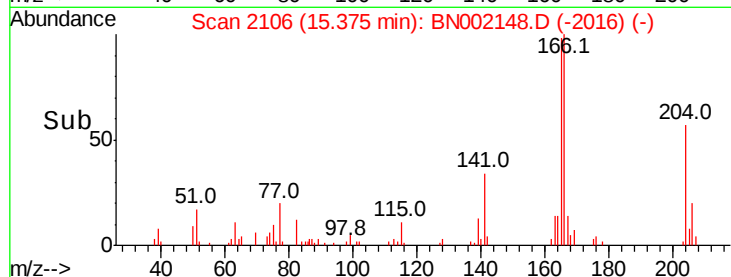
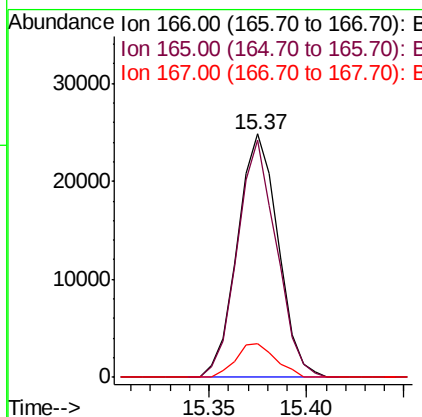
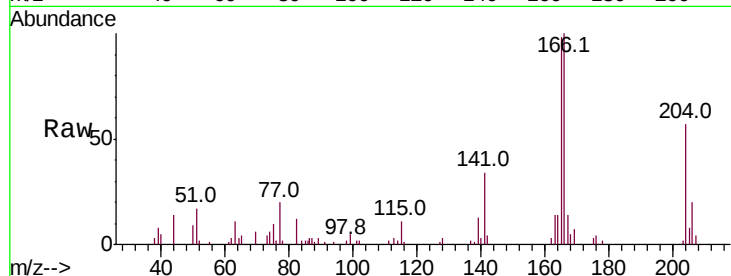




#57
 Fluorene
 Concen: 0.974 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

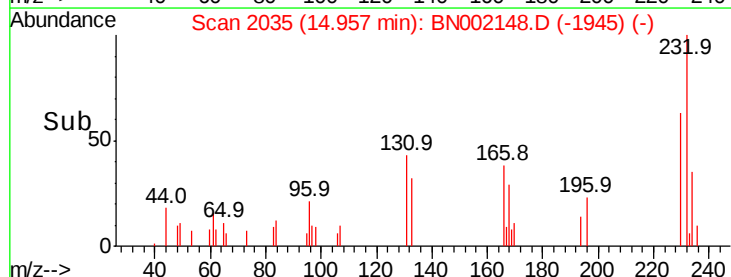
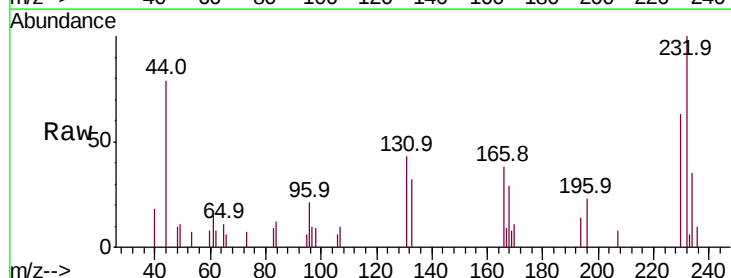
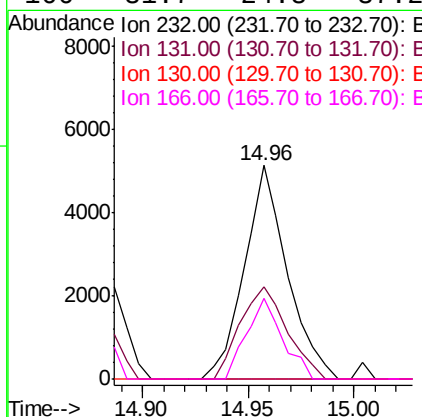
Instrument :
 BNA_N
 ClientSampleId :

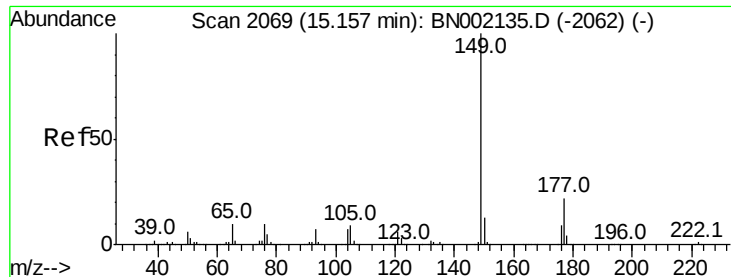
Tot Ion:166 Resp: 35924
 Ion Ratio Lower Upper
 166 100
 165 97.7 80.6 121.0
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.727 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:232 Resp: 7263
 Ion Ratio Lower Upper
 232 100
 131 47.1 33.5 50.3
 130 0.0 2.2 3.2#
 166 31.7 24.8 37.2

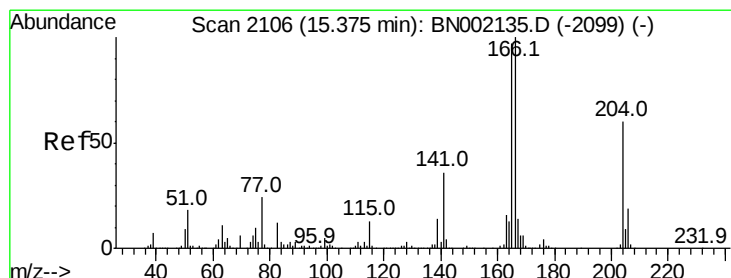
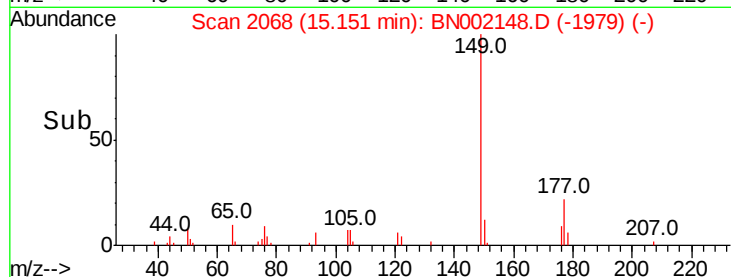
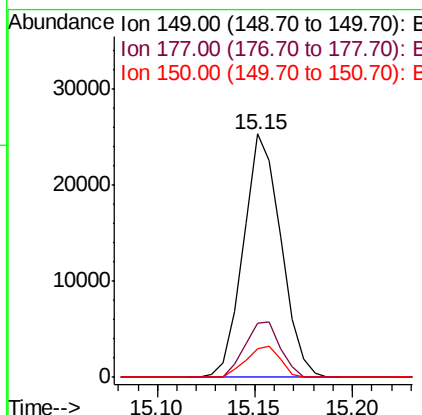
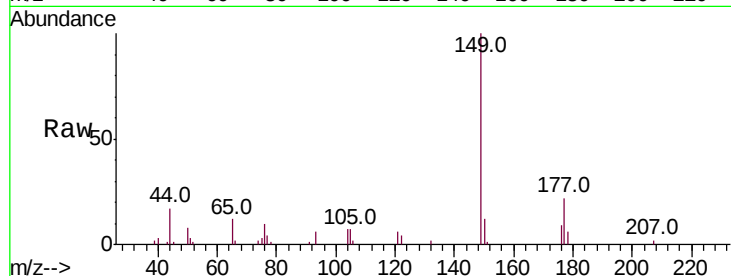




#59
Diethylphthalate
Concen: 0.820 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

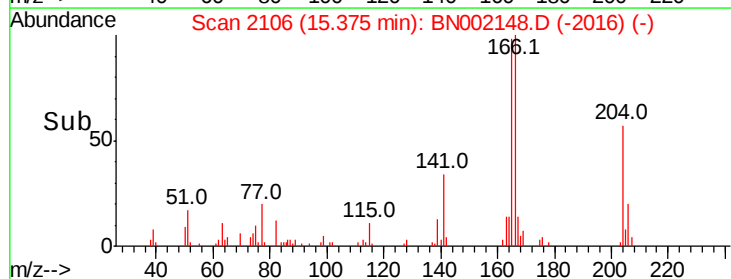
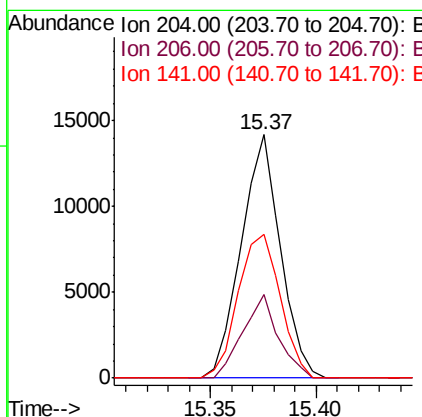
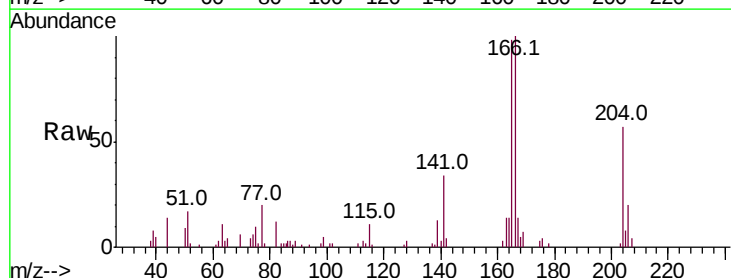
Instrument :
BNA_N
ClientSampleId :

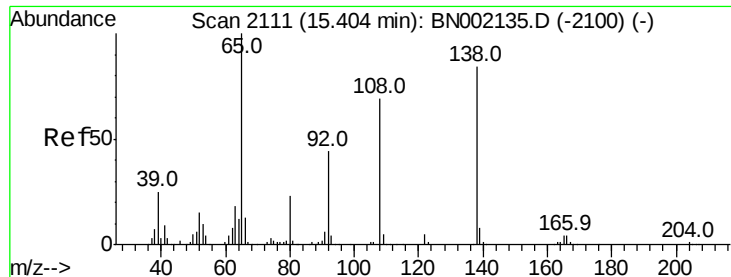
Tot Ion:149 Resp: 33696
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 11.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 0.895 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:204 Resp: 18260
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 58.9 45.8 68.6

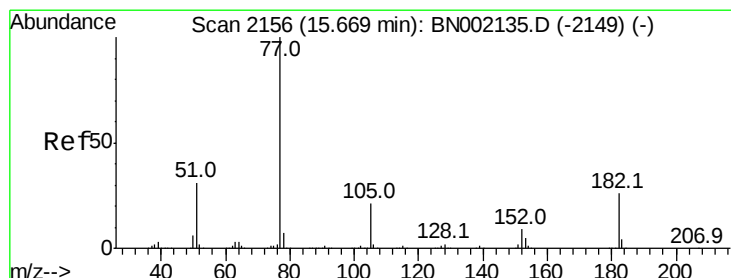
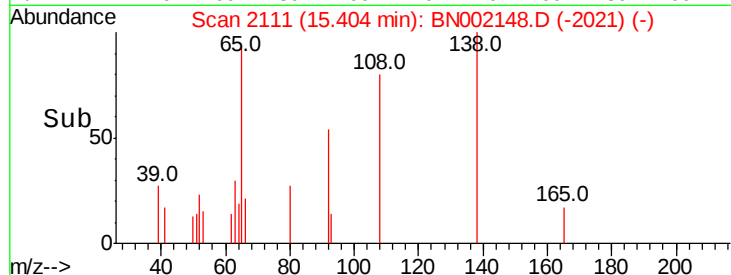
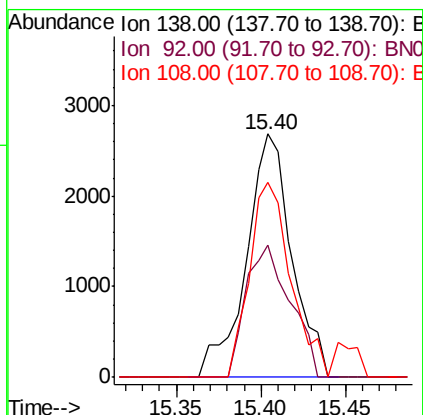
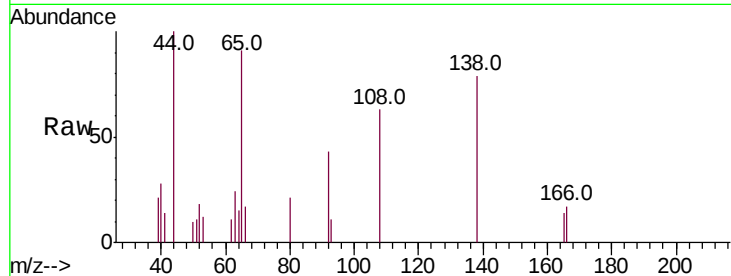




#61
4-Nitroaniline
Concen: 0.508 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

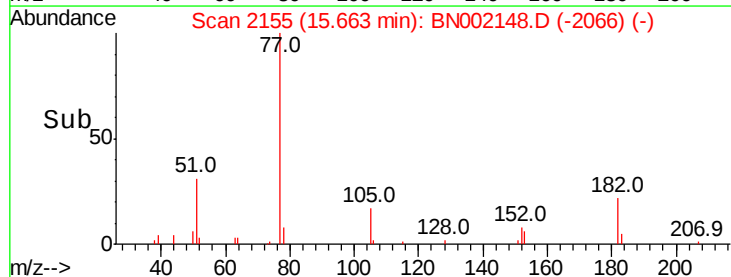
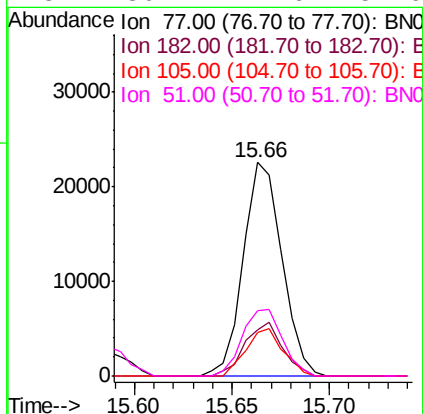
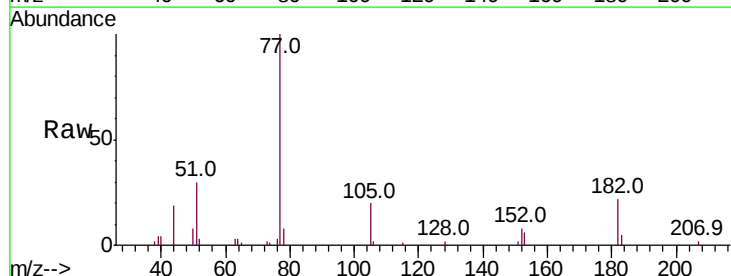
Instrument :
BNA_N
ClientSampleId :

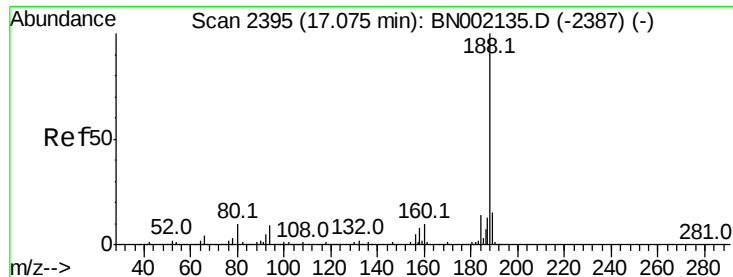
Tot Ion:138 Resp: 5034
Ion Ratio Lower Upper
138 100
92 54.1 40.1 80.1
108 80.0 65.4 105.4



#62
Azobenzene
Concen: 0.787 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion: 77 Resp: 31035
Ion Ratio Lower Upper
77 100
182 21.8 7.4 47.4
105 20.2 0.3 40.3
51 30.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

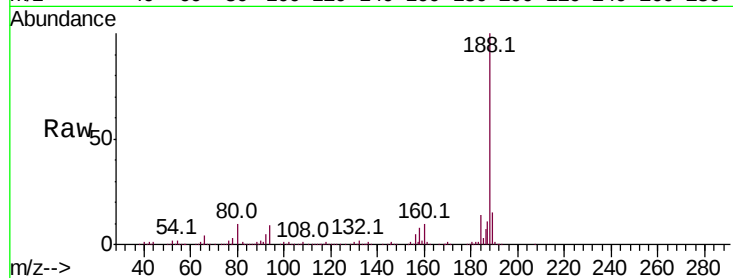
Tot Ion:188 Resp: 1030389

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

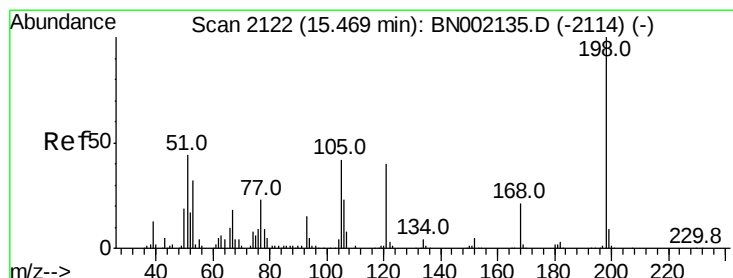
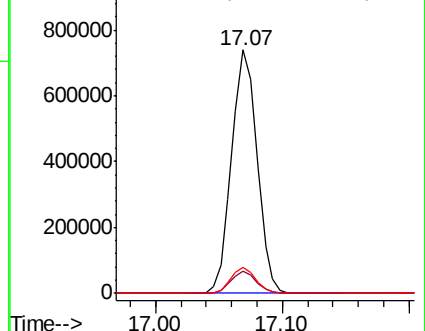
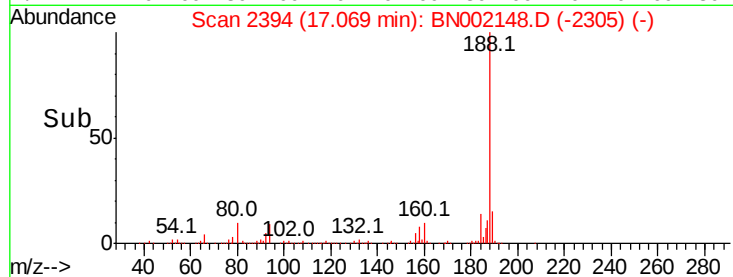
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.316 ng

RT: 15.47 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

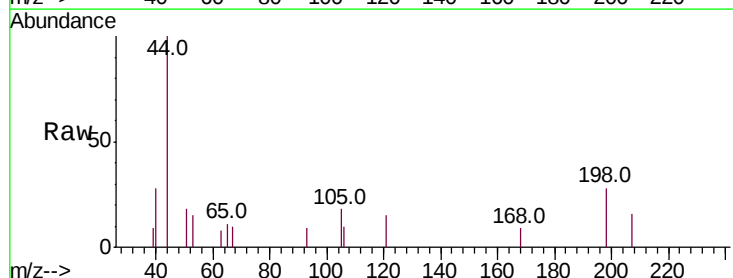
Tgt Ion:198 Resp: 2200

Ion Ratio Lower Upper

198 100

51 65.0 30.6 70.6

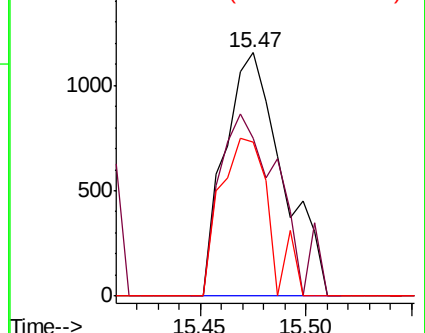
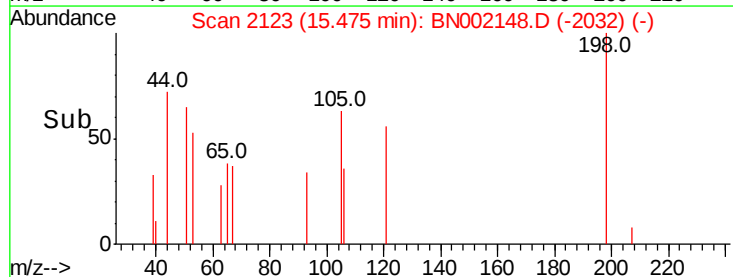
105 63.1 23.8 63.8

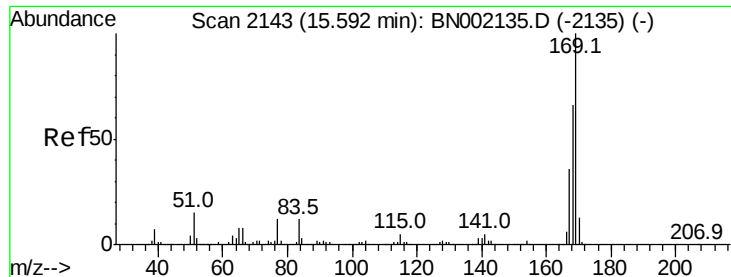


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

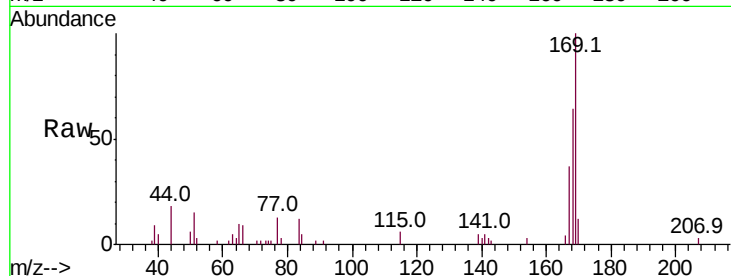




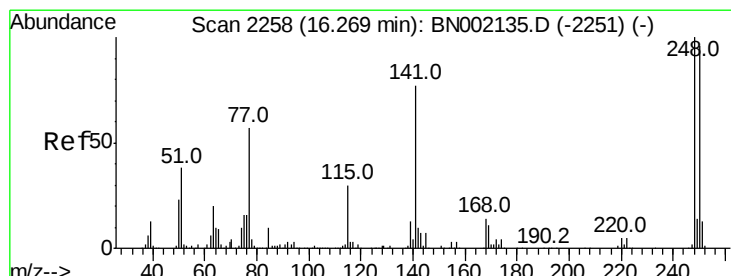
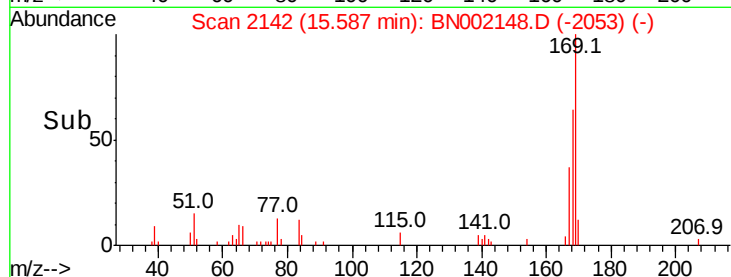
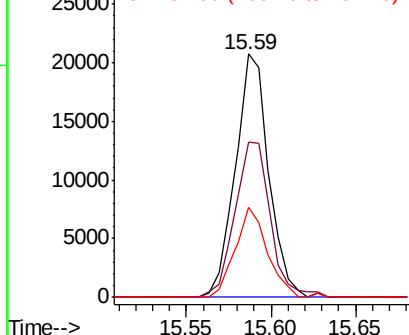
#65
 n-Nitrosodiphenylamine
 Concen: 0.834 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 28514
 Ion Ratio Lower Upper
 169 100
 168 64.0 55.7 83.5
 167 37.2 30.1 45.1

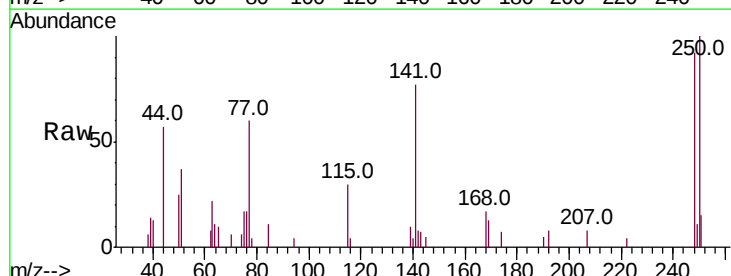


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

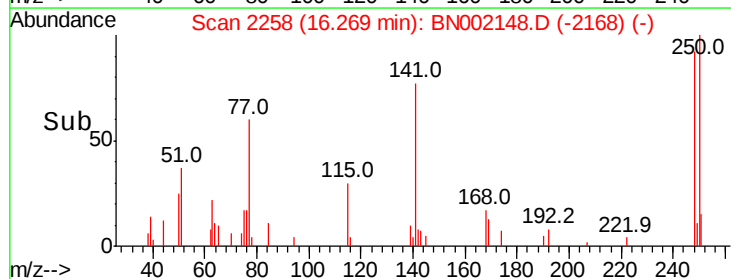
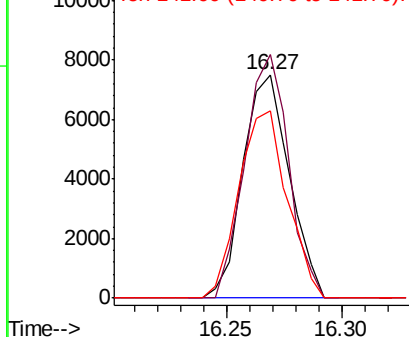


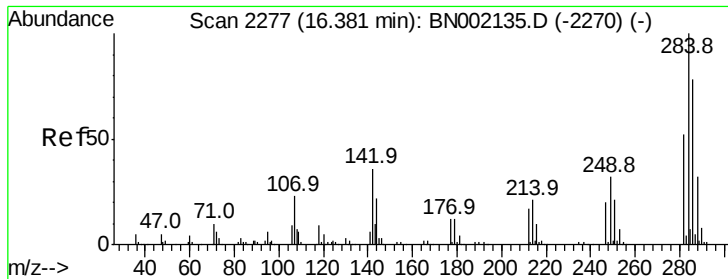
#66
 4-Bromophenyl-phenylether
 Concen: 0.873 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:248 Resp: 10529
 Ion Ratio Lower Upper
 248 100
 250 109.0 77.1 115.7
 141 83.9 50.8 76.2#



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

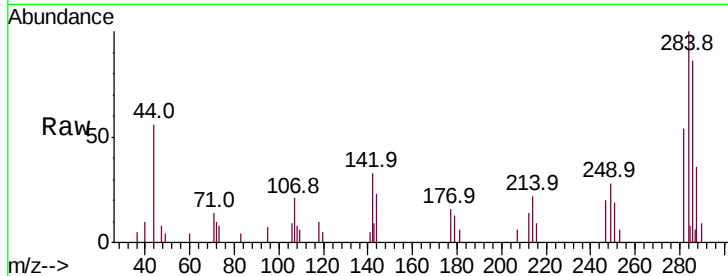




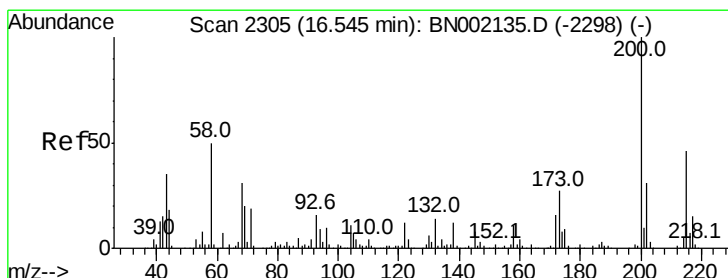
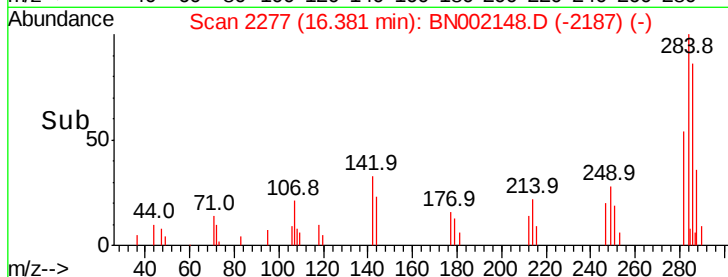
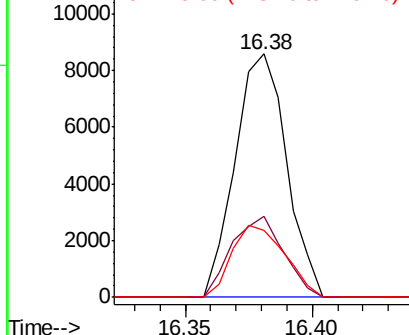
#67
Hexachlorobenzene
Concen: 0.910 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 12145
Ion Ratio Lower Upper
284 100
142 33.2 26.8 40.2
249 27.5 26.3 39.5

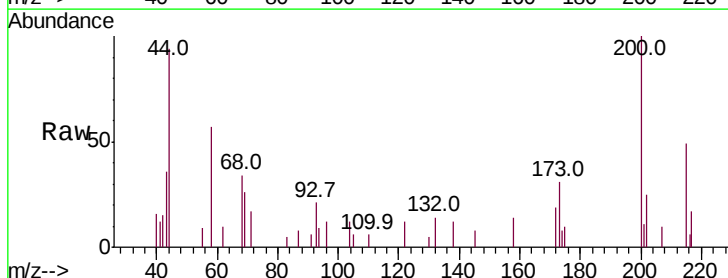


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

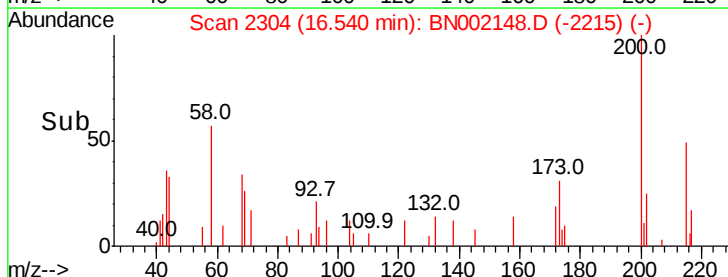
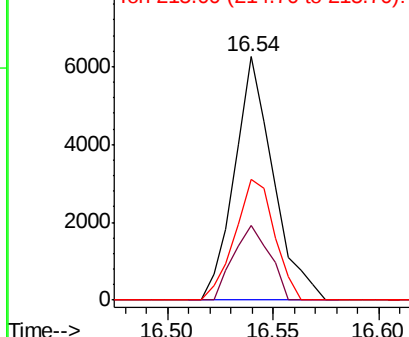


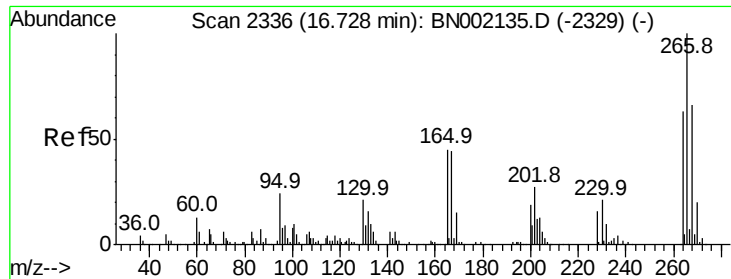
#68
Atrazine
Concen: 0.690 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:200 Resp: 7945
Ion Ratio Lower Upper
200 100
173 30.6 5.2 45.2
215 49.4 30.4 70.4



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

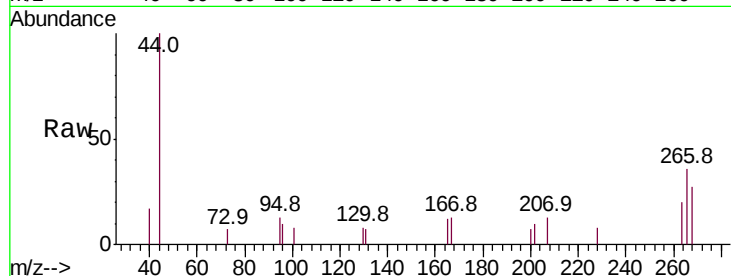




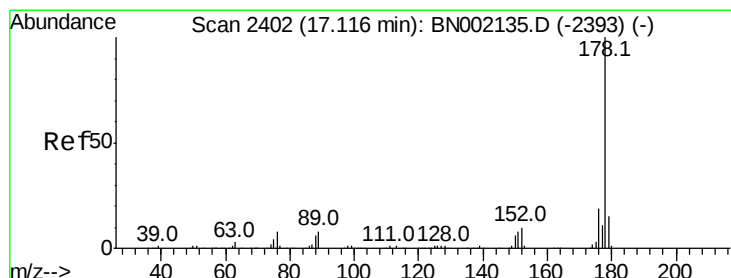
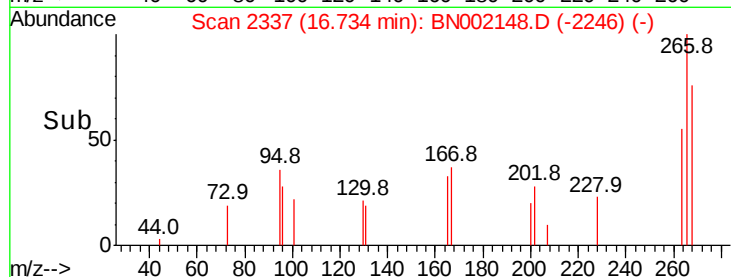
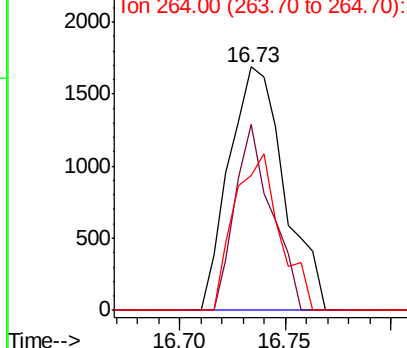
#69
 Pentachlorophenol
 Concen: 0.358 ng
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 3078
 Ion Ratio Lower Upper
 266 100
 268 76.2 51.1 76.7
 264 55.2 49.6 74.4

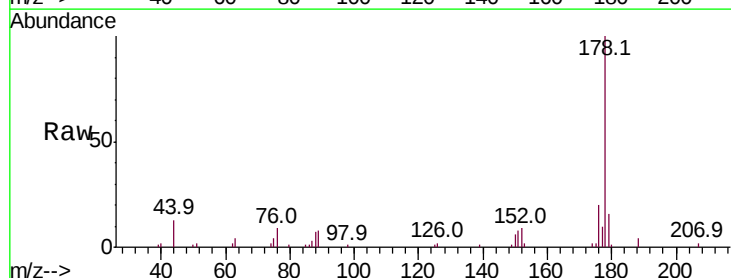


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

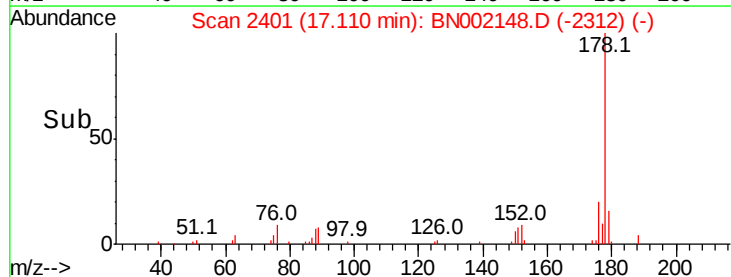
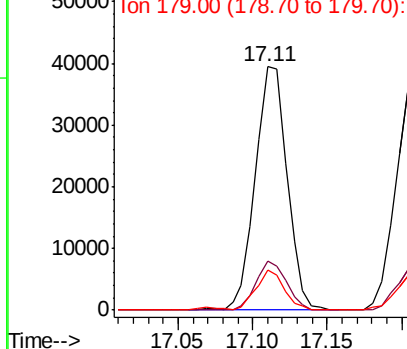


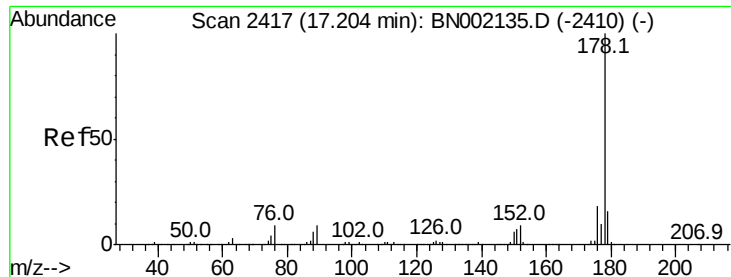
#70
 Phenanthrene
 Concen: 1.034 ng
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:178 Resp: 58142
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.3 12.5 18.7



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

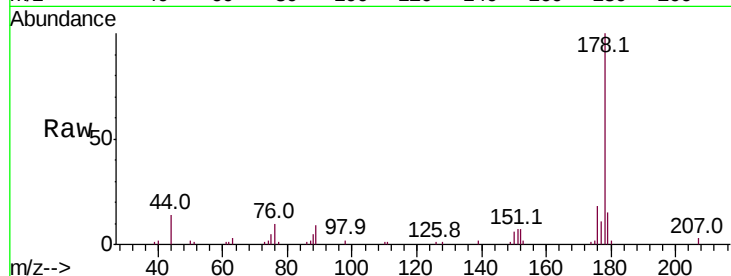




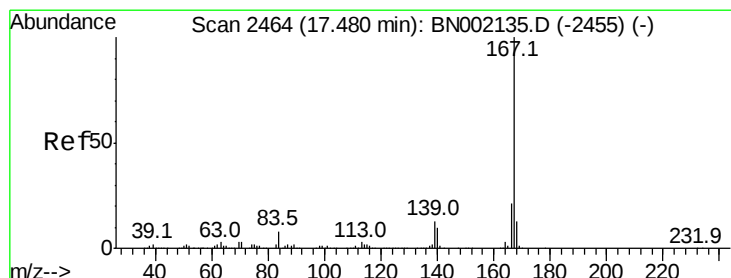
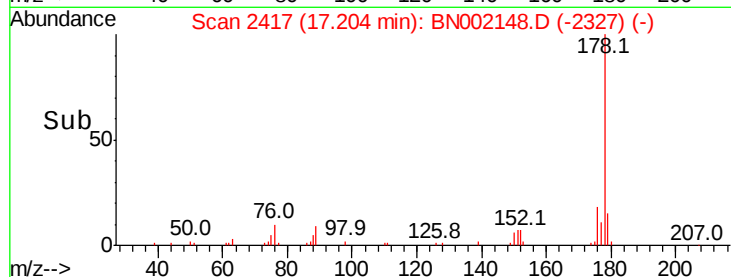
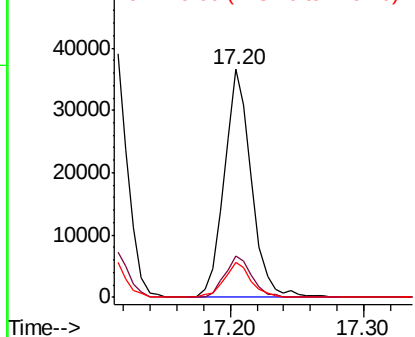
#71
 Anthracene
 Concen: 0.937 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:178 Resp: 52156
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.0 24.0
 179 15.4 12.5 18.7

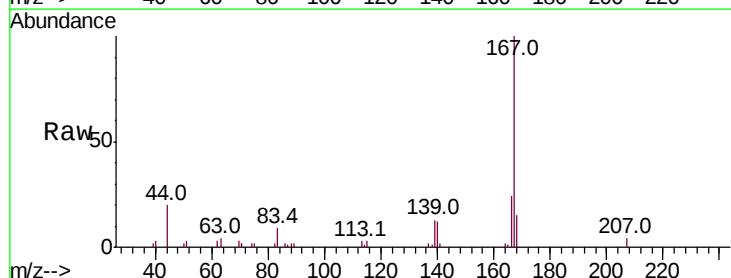


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

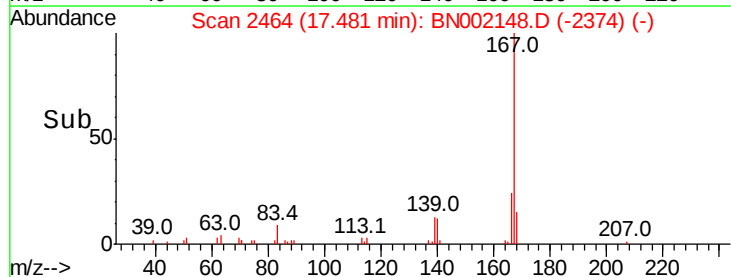
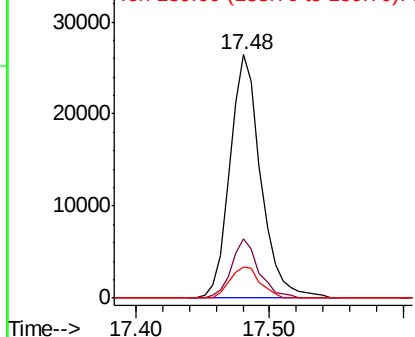


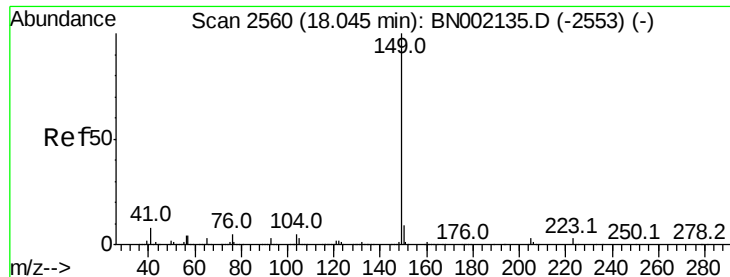
#72
 Carbazole
 Concen: 0.765 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion:167 Resp: 42738
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.2 27.4
 139 12.5 9.4 14.2



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

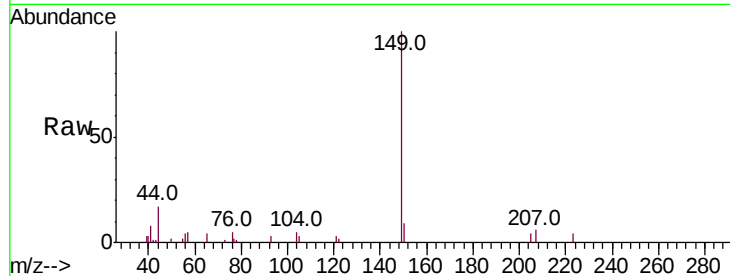




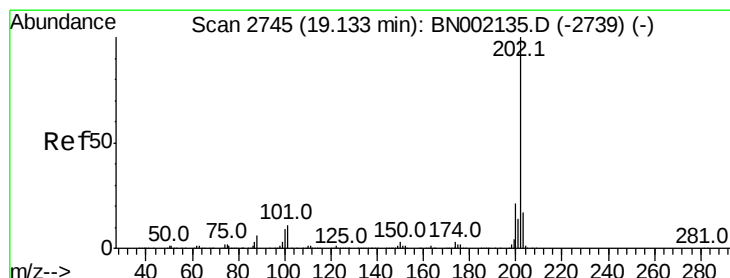
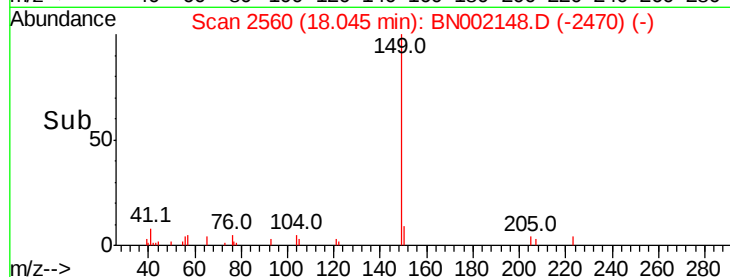
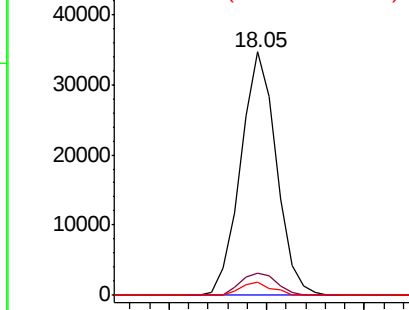
#73
Di-n-butylphthalate
Concen: 0.672 ng
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.3	3.9	5.9

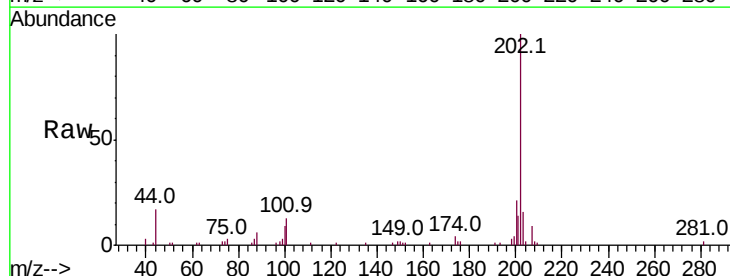


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

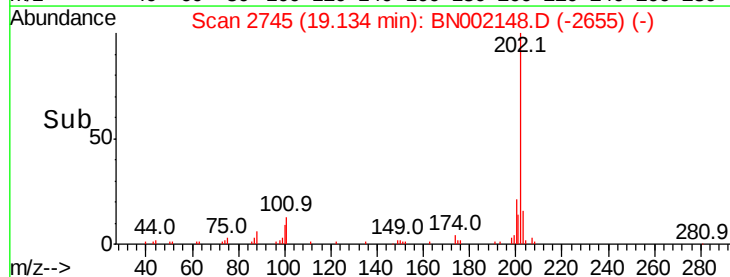
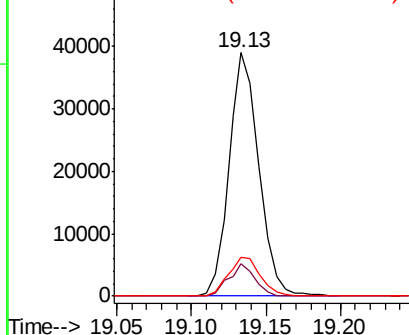


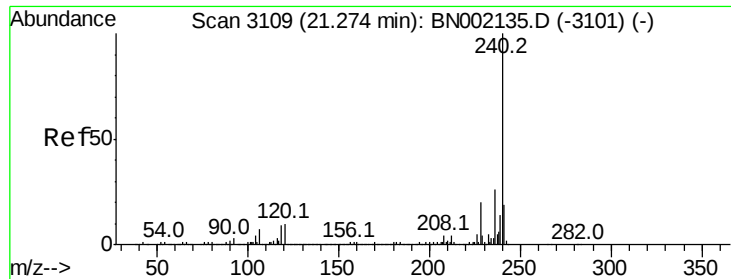
#74
Fluoranthene
Concen: 0.893 ng
RT: 19.13 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	28.9
203	15.9	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

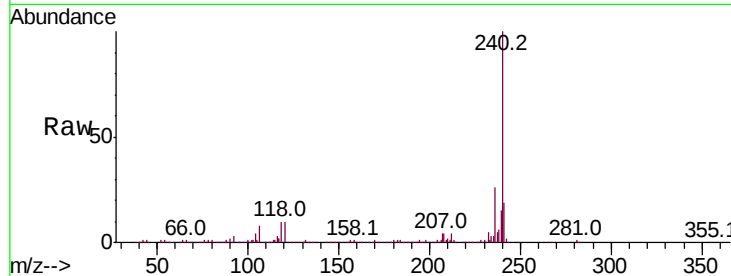
Tot Ion:240 Resp: 897235

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

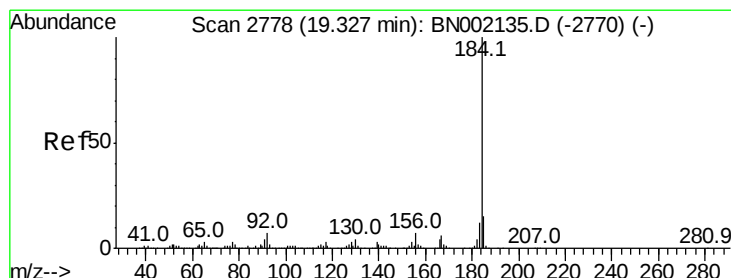
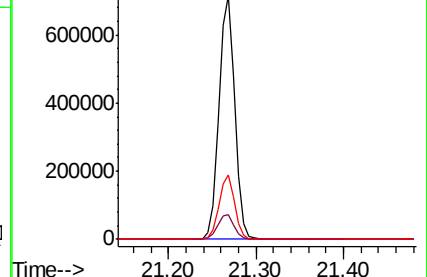
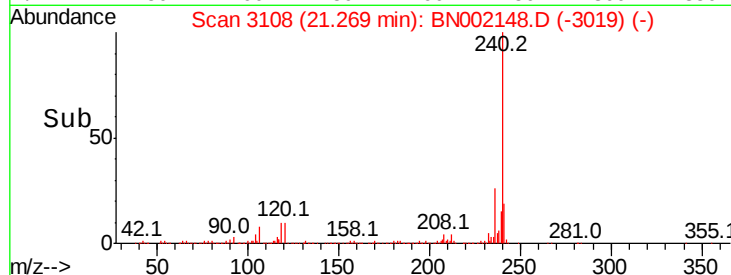
236 26.2 20.9 31.3



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



#76

Benzidine

Concen: 0.306 ng

RT: 19.33 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

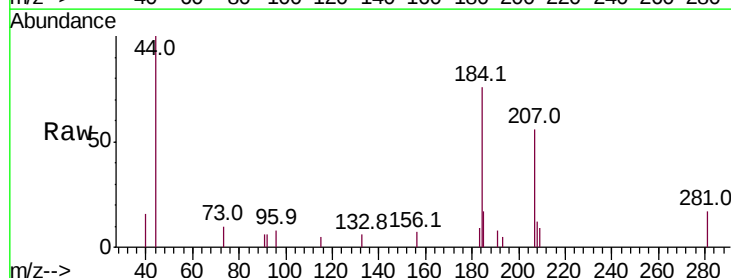
Tgt Ion:184 Resp: 8960

Ion Ratio Lower Upper

184 100

185 22.0 11.1 16.7#

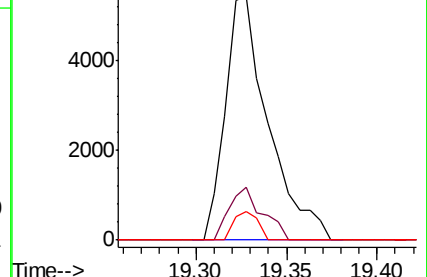
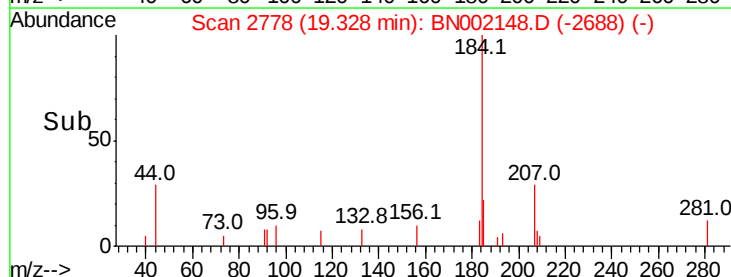
183 11.7 10.6 16.0

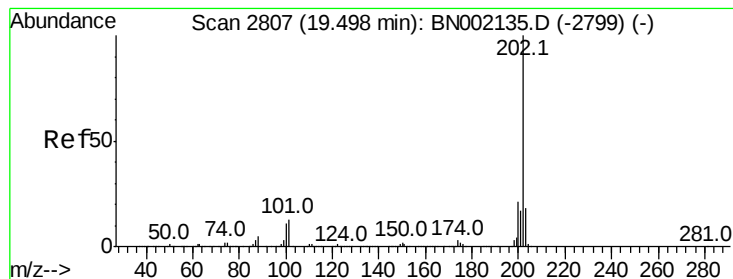


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.910 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BN002148.D

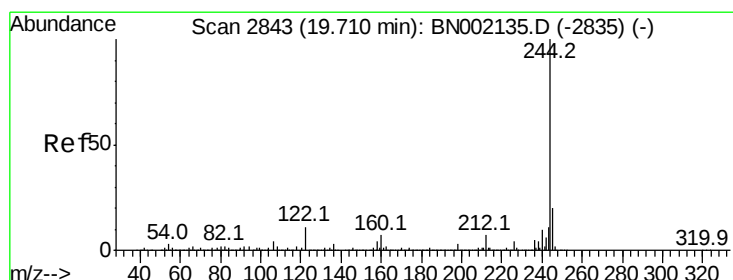
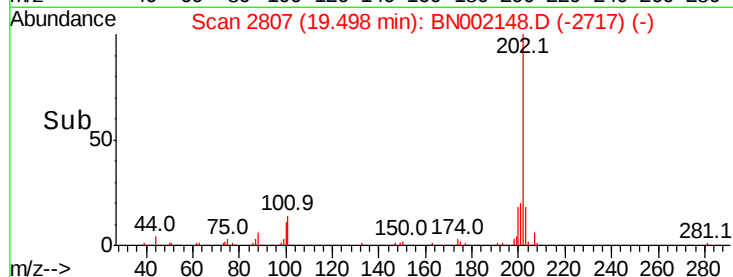
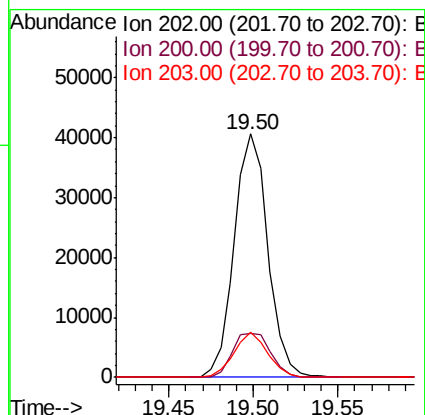
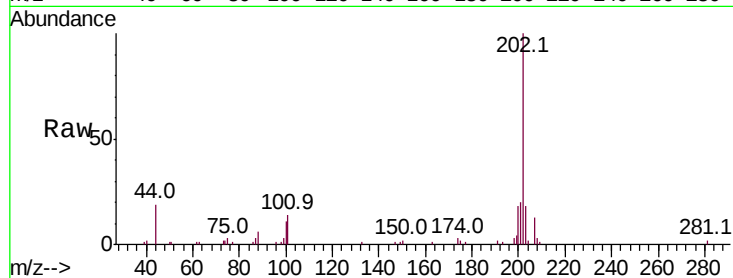
Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampled :

Tot Ion:	202	Resp:	56289
Ion	Ratio	Lower	Upper
202	100		
200	18.3	16.9	25.3
203	18.3	13.9	20.9



#78

Terphenyl-d14

Concen: 106.960 ng

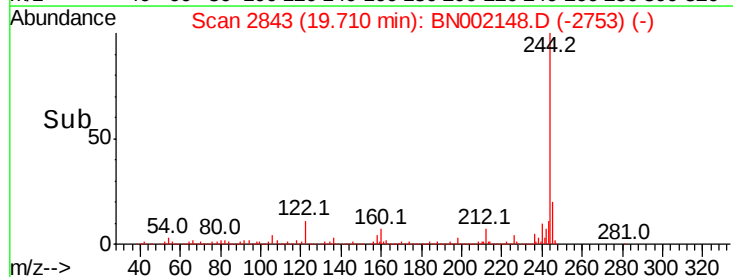
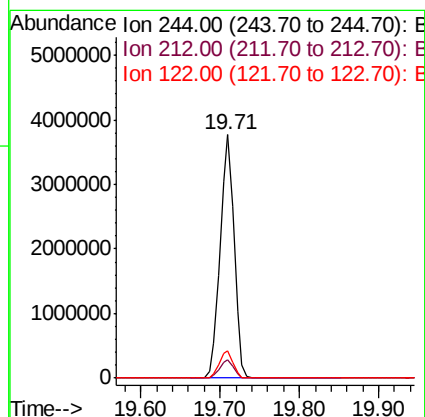
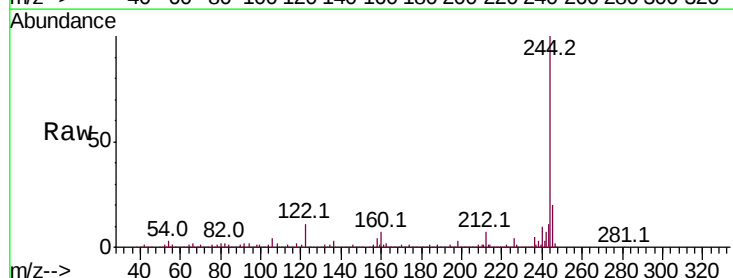
RT: 19.71 min Scan# 2843

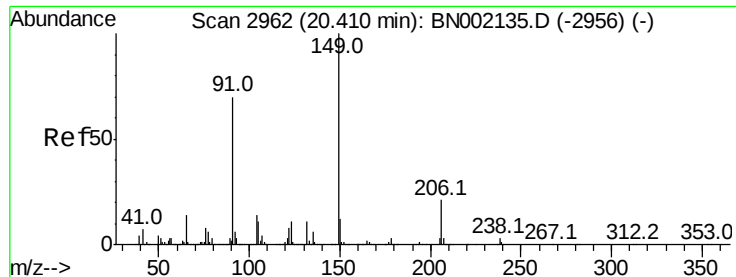
Delta R.T. 0.00 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Tgt Ion:	244	Resp:	4601382
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.2	7.0	10.4#

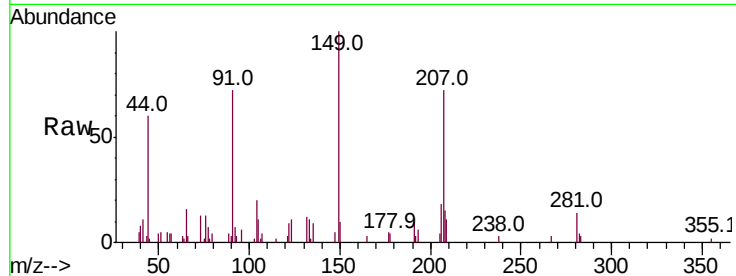




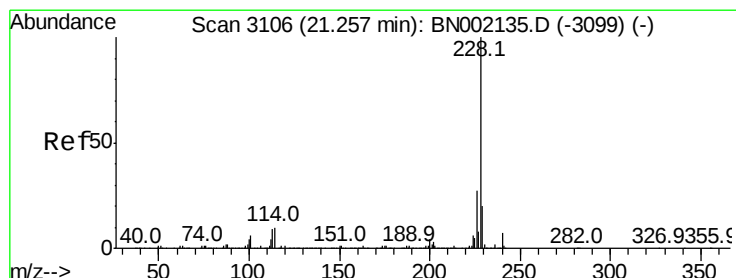
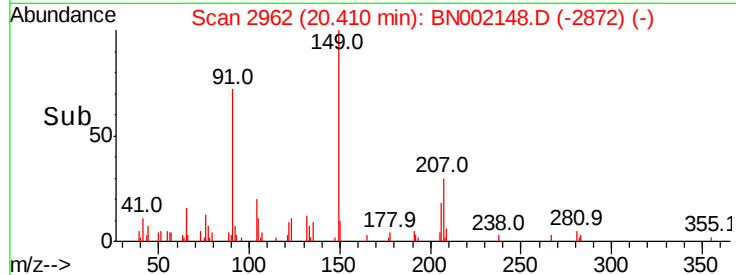
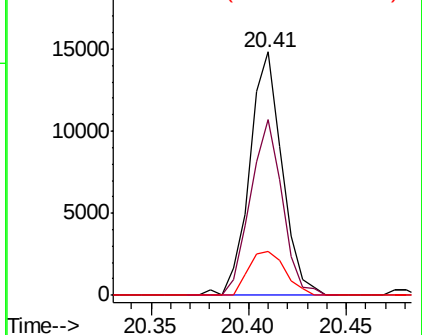
#79
Butylbenzylphthalate
Concen: 0.634 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 17080
Ion Ratio Lower Upper
149 100
91 72.2 62.2 93.2
206 18.2 18.6 27.8#

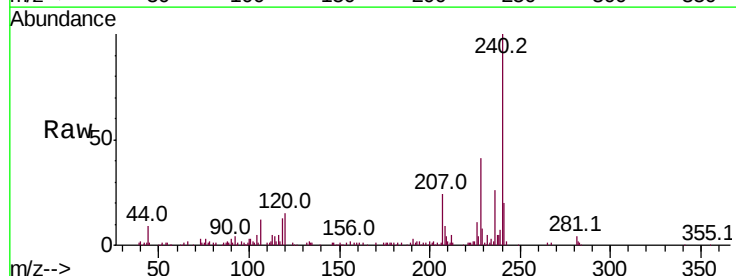


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

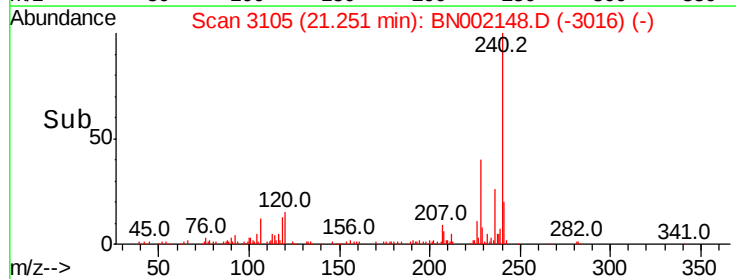
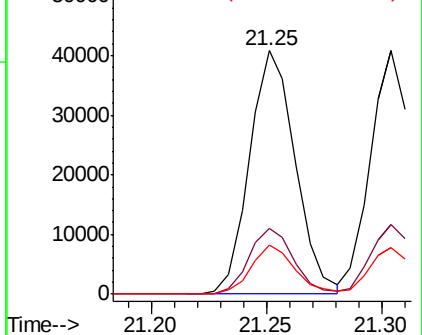


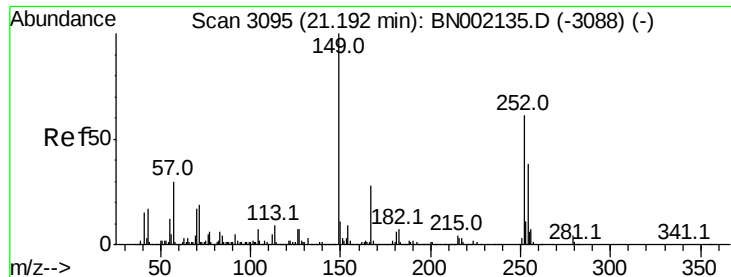
#80
Benzo(a)anthracene
Concen: 1.030 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002148.D
Acq: 25 Jul 2018 22:26

Tgt Ion:228 Resp: 56342
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 20.3 16.2 24.2



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

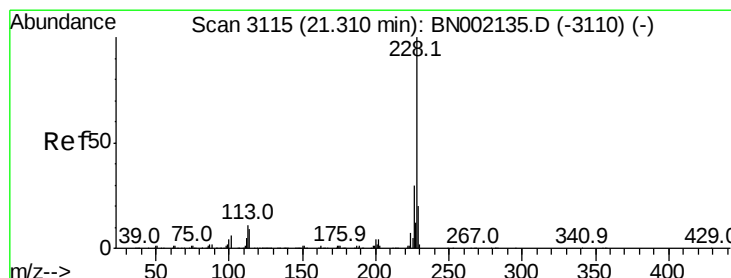
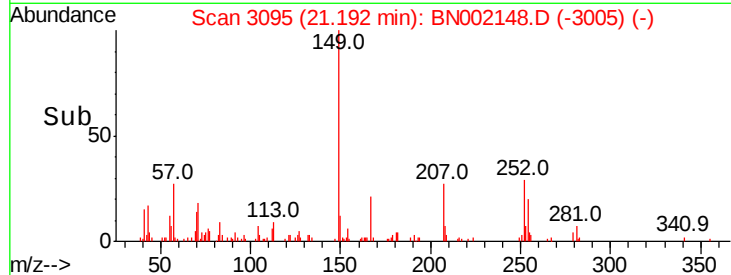
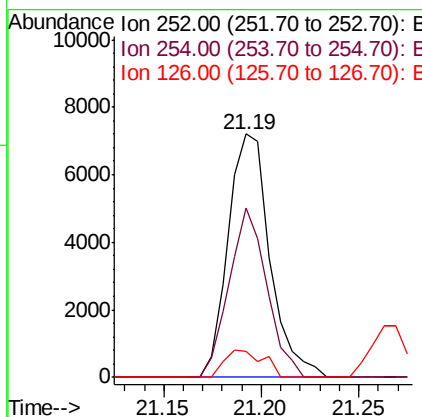
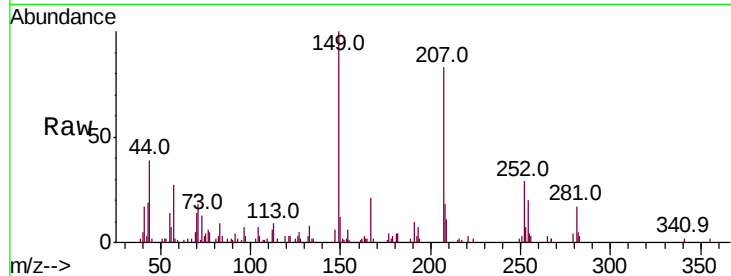




#81
 3,3'-Dichlorobenzidine
 Concen: 0.502 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

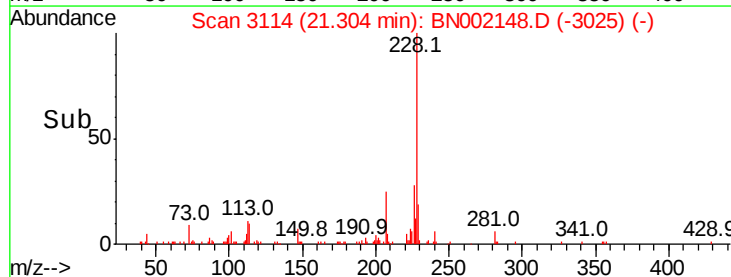
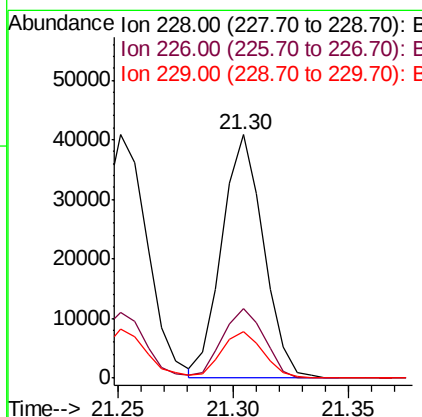
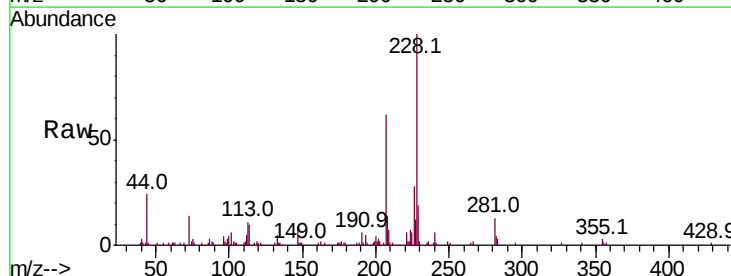
Instrument :
 BNA_N
 ClientSampled :

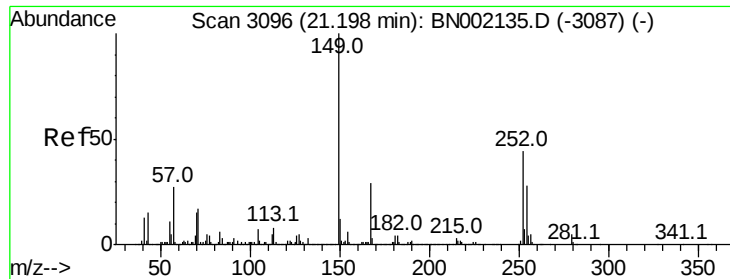
Tot Ion	Ratio	Lower	Upper
252	100		
254	69.4	50.8	76.2
126	10.7	7.4	11.2



#82
 Chrysene
 Concen: 0.984 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	19.3	15.0	22.4

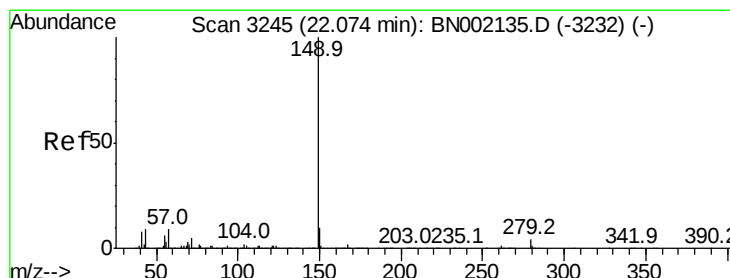
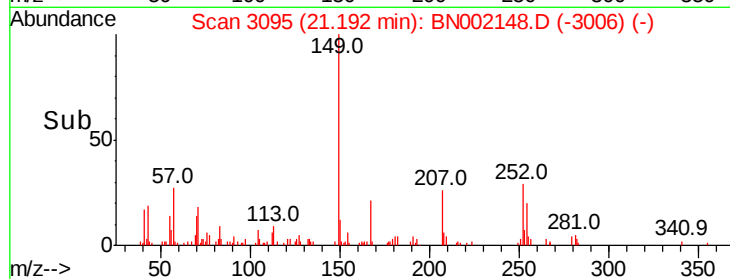
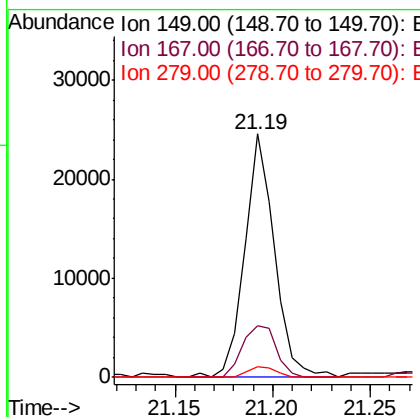
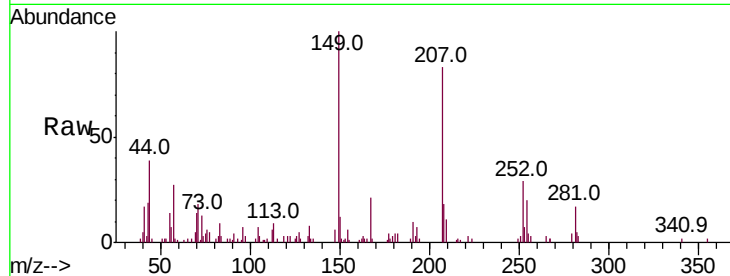




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.693 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

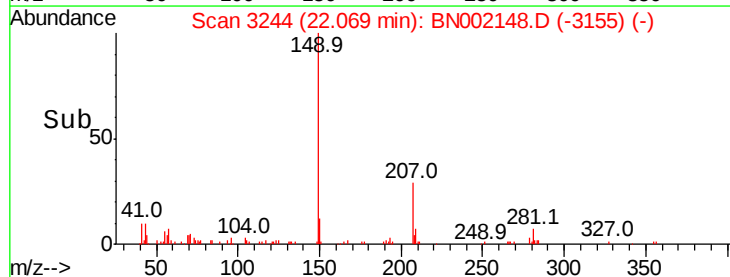
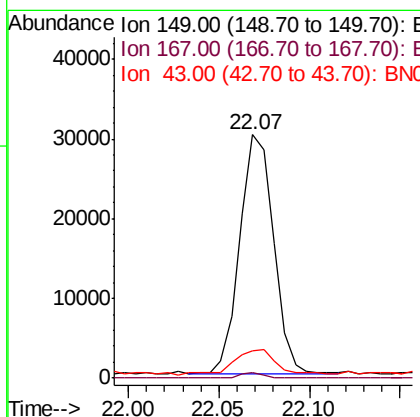
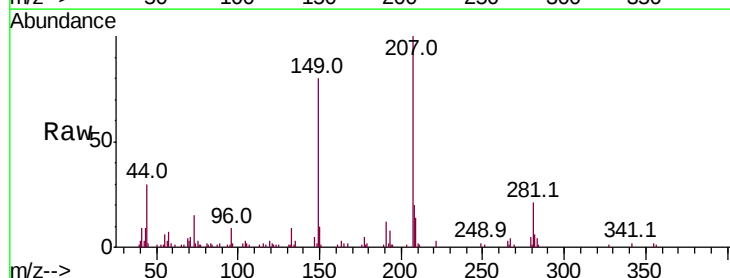
Instrument :
 BNA_N
 ClientSampleId :

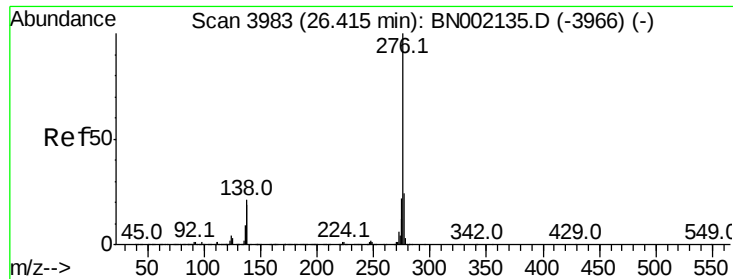
Tot Ion	Ratio	Lower	Upper
149	100		
167	21.4	24.3	36.5#
279	4.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 0.656 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	13.5	8.9	13.3#

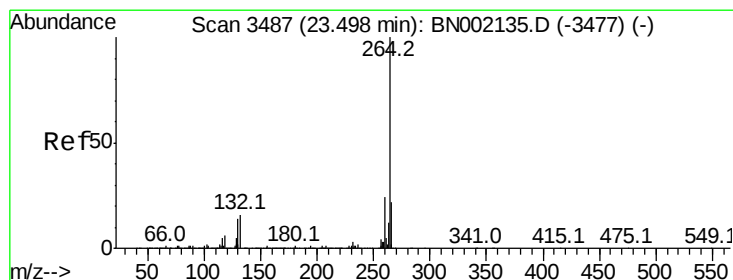
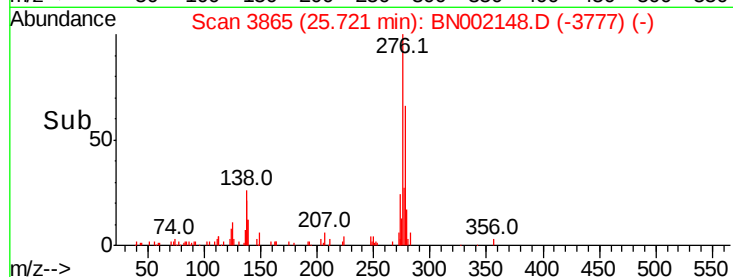
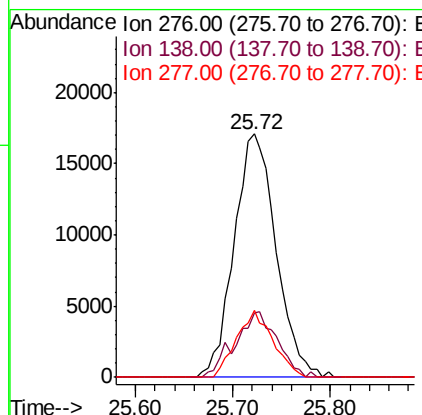
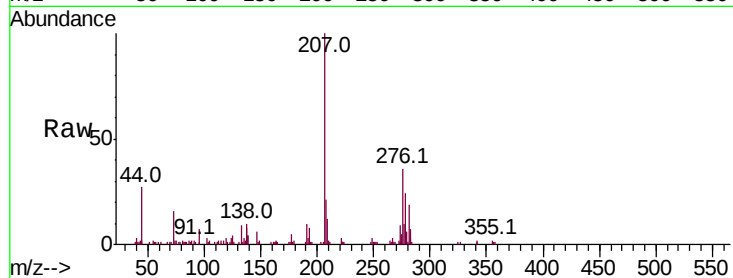




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.010 ng
 RT: 25.72 min Scan# 3865
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

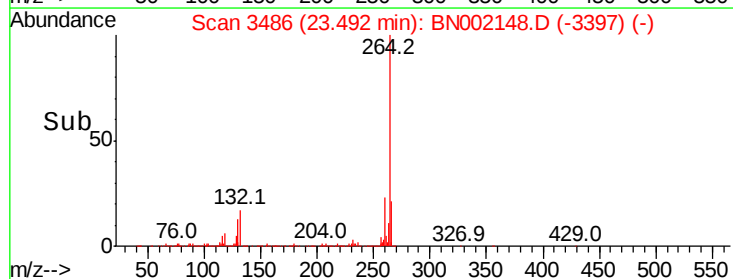
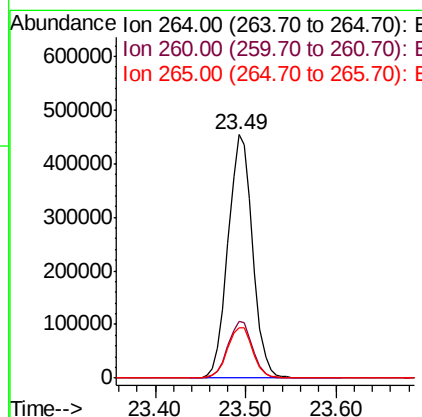
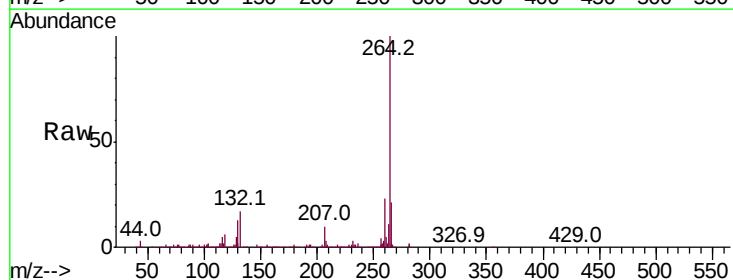
Instrument :
 BNA_N
 ClientSampleId :

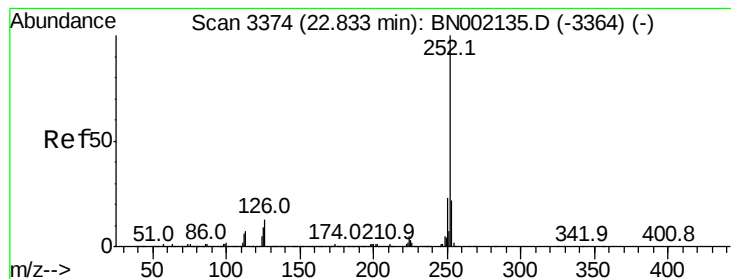
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	16.0	24.0#
277	23.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.01 min
 Lab File: BN002148.D
 Acq: 25 Jul 2018 22:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 0.991 ng

RT: 22.87 min Scan# 3381

Delta R.T. 0.04 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

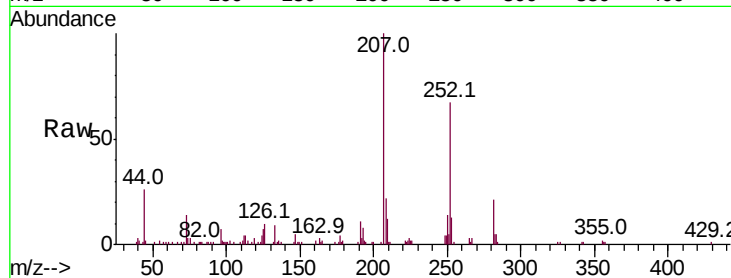
Tot Ion:252 Resp: 49862

Ion Ratio Lower Upper

252 100

253 20.1 18.2 27.4

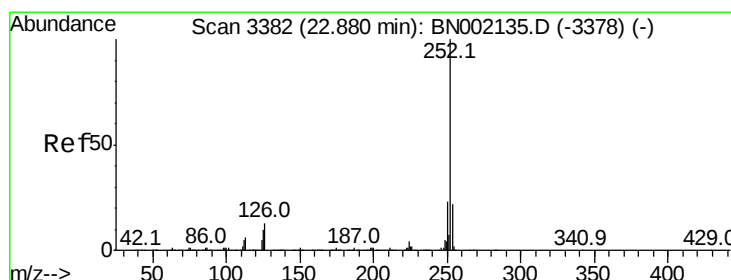
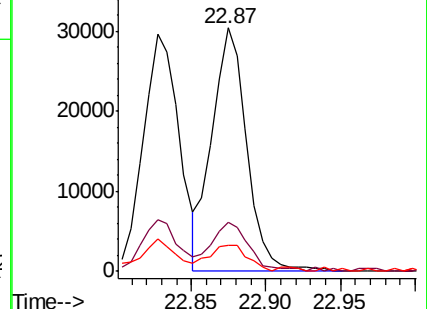
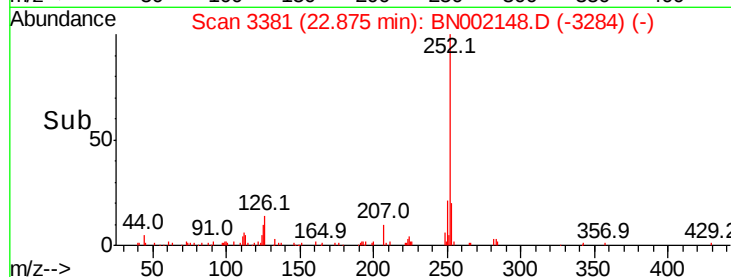
125 10.5 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 1.006 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

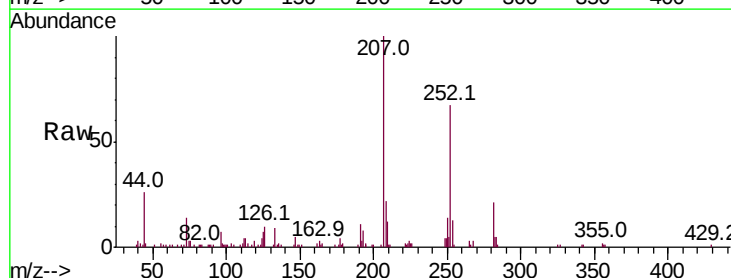
Tgt Ion:252 Resp: 49862

Ion Ratio Lower Upper

252 100

253 20.1 17.4 26.2

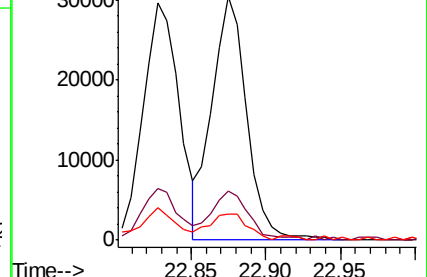
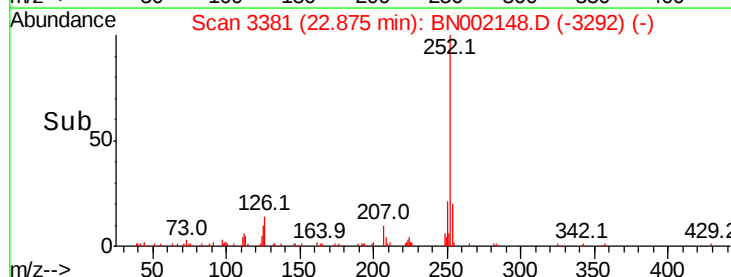
125 10.5 6.6 9.8#

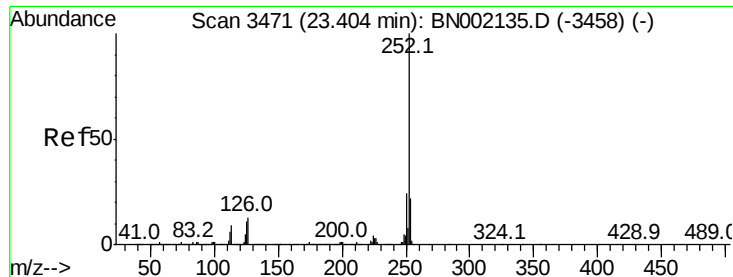


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.996 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

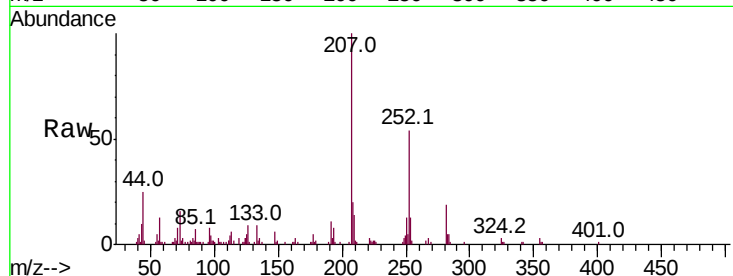
Tot Ion:252 Resp: 46824

Ion Ratio Lower Upper

252 100

253 24.5 18.3 27.5

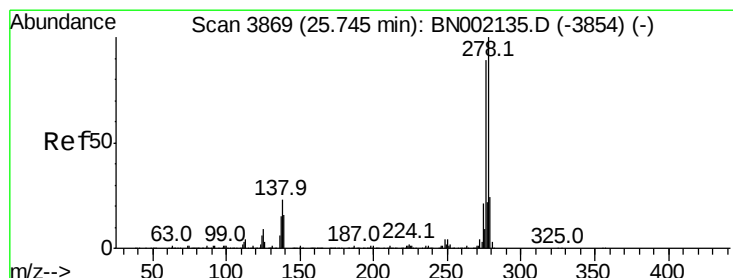
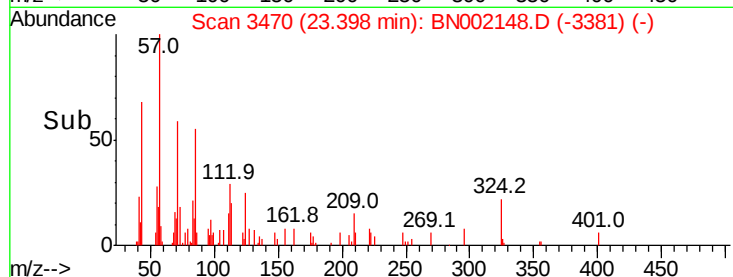
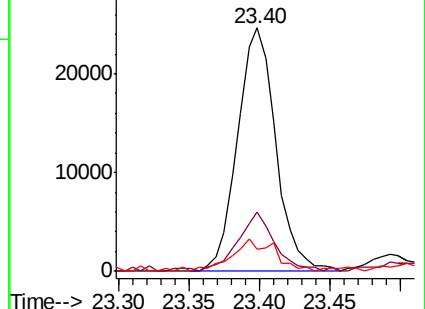
125 9.2 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 0.964 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

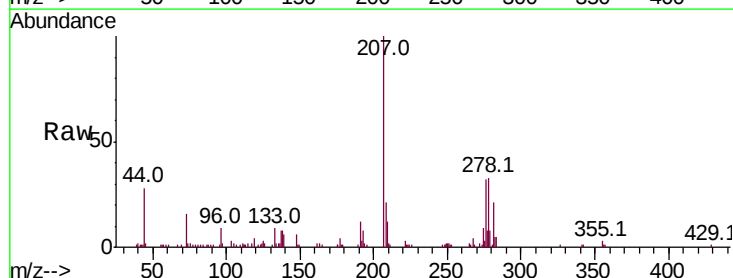
Tgt Ion:278 Resp: 42542

Ion Ratio Lower Upper

278 100

139 18.5 9.8 14.6#

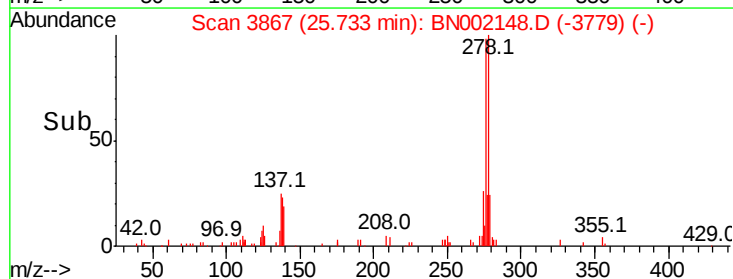
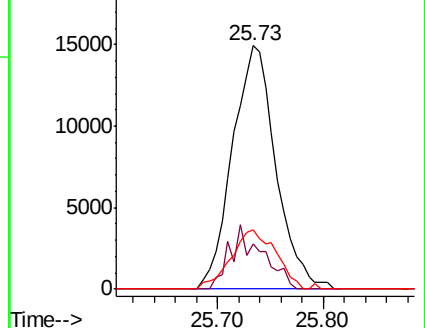
279 24.2 18.4 27.6

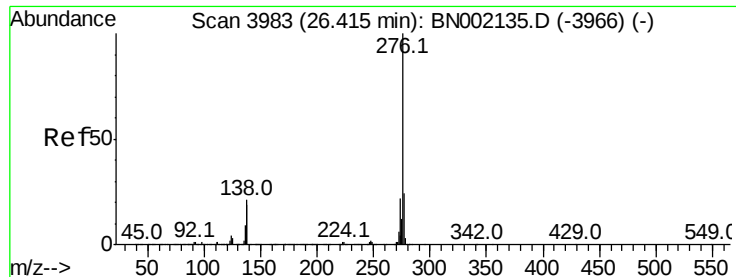


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.000 ng

RT: 26.40 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BN002148.D

Acq: 25 Jul 2018 22:26

Instrument :

BNA_N

ClientSampleId :

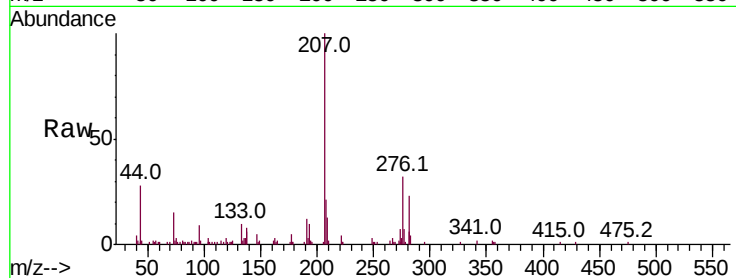
Tot Ion: 276 Resp: 42664

Ion Ratio Lower Upper

276 100

277 21.5 18.3 27.5

138 19.6 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

