

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072518\
 Data File : BN002160.D
 Acq On : 26 Jul 2018 05:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 26 07:33:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	251509	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1047006	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	545302	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1095276	20.00	ng	0.00
75) Chrysene-d12	21.27	240	994881	20.00	ng	0.00
86) Perylene-d12	23.49	264	1006821	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1224551	78.38	ng	0.00
7) Phenol-d6	6.88	99	1671794	76.26	ng	0.00
23) Nitrobenzene-d5	8.85	82	1643499	80.50	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	508127	71.76	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3398741	81.18	ng	0.00
78) Terphenyl-d14	19.71	244	3609912	75.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	233509	39.815	ng	# 77
3) Pyridine	3.66	79	682841	40.194	ng	# 70
4) n-Nitrosodimethylamine	3.58	42	277784	38.118	ng	# 71
6) Aniline	7.03	93	1004612	37.513	ng	99
8) 2-Chlorophenol	7.26	128	688561	38.004	ng	93
9) Benzaldehyde	6.85	77	516150	38.228	ng	91
10) Phenol	6.90	94	855910	38.087	ng	100
11) bis(2-Chloroethyl)ether	7.13	93	682628	37.321	ng	93
12) 1,3-Dichlorobenzene	7.58	146	780676	37.809	ng	99
13) 1,4-Dichlorobenzene	7.73	146	803513	38.040	ng	96
14) 1,2-Dichlorobenzene	8.04	146	765114	37.547	ng	96
15) Benzyl Alcohol	7.93	79	604447	36.538	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1109742	37.572	ng	92
17) 2-Methylphenol	8.13	107	561626	36.608	ng	98
18) Hexachloroethane	8.76	117	296298	38.327	ng	90
19) n-Nitroso-di-n-propylamine	8.49	70	561377	35.303	ng	# 97
20) 3+4-Methylphenols	8.46	107	776502	36.276	ng	94
22) Acetophenone	8.50	105	1026356	37.808	ng	# 96
24) Nitrobenzene	8.89	77	817929	38.657	ng	93
25) Isophorone	9.40	82	1269102	36.203	ng	95
26) 2-Nitrophenol	9.59	139	389268	38.085	ng	96
27) 2,4-Dimethylphenol	9.65	122	535571	37.677	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	835322	36.889	ng	97
29) 2,4-Dichlorophenol	10.12	162	627857	37.878	ng	94
30) 1,2,4-Trichlorobenzene	10.33	180	718926	38.297	ng	97
31) Naphthalene	10.52	128	1992714	37.712	ng	98
32) Benzoic acid	9.81	122	379062	31.430	ng	94
33) 4-Chloroaniline	10.63	127	860845	36.614	ng	98
34) Hexachlorobutadiene	10.80	225	448640	39.026	ng	98
35) Caprolactam	11.40	113	181188	32.030	ng	# 61
36) 4-Chloro-3-methylphenol	11.76	107	665599	35.313	ng	96
37) 2-Methylnaphthalene	12.13	142	1348137	36.175	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	728844	39.750	ng	98
40) Hexachlorocyclopentadiene	12.48	237	444695	42.942	ng	93
42) 2,4,6-Trichlorophenol	12.75	196	474216	38.547	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	495336	38.011	ng	97

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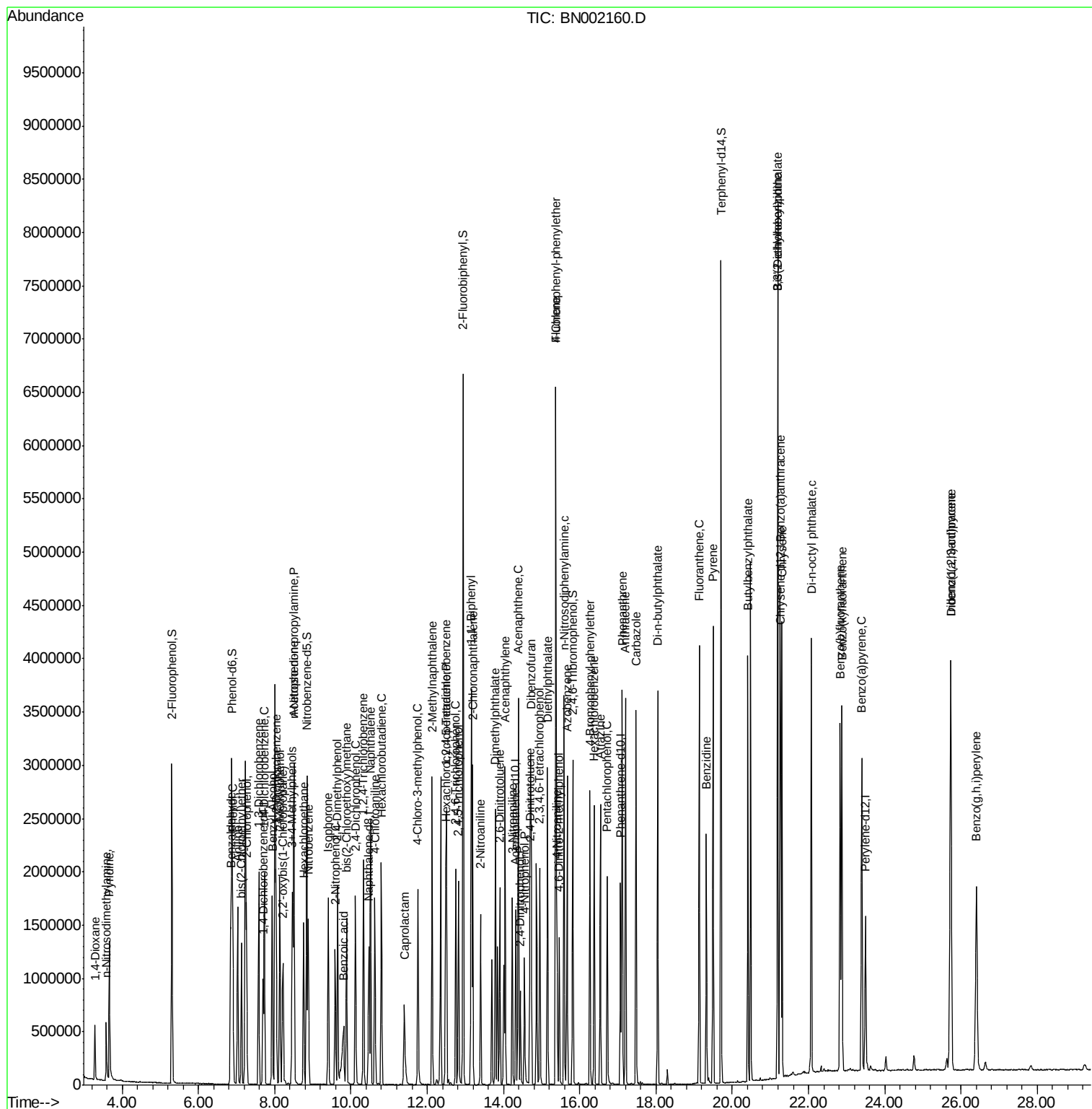
Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.15	154	1877918	39.136	ng	99
46) 2-Chloronaphthalene	13.19	162	1458202	39.370	ng	99
47) 2-Nitroaniline	13.40	65	456868	38.334	ng	93
48) Acenaphthylene	14.05	152	2132043	37.933	ng	98
49) Dimethylphthalate	13.79	163	1627130	35.922	ng	100
50) 2,6-Dinitrotoluene	13.90	165	368998	36.668	ng	94
51) Acenaphthene	14.39	154	1282549	37.883	ng	99
52) 3-Nitroaniline	14.23	138	400028	36.688	ng	# 86
53) 2,4-Dinitrophenol	14.45	184	174385	32.727	ng	99
54) Dibenzofuran	14.72	168	2033015	37.037	ng	96
55) 4-Nitrophenol	14.55	139	297679	35.561	ng	89
56) 2,4-Dinitrotoluene	14.70	165	492092	36.030	ng	86
57) Fluorene	15.37	166	1503825	36.348	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	399451	35.642	ng	93
59) Diethylphthalate	15.16	149	1619398	35.125	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	841495	36.757	ng	97
61) 4-Nitroaniline	15.40	138	398083	35.815	ng	94
62) Azobenzene	15.67	77	1620941	36.641	ng	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	276507	37.393	ng	99
65) n-Nitrosodiphenylamine	15.59	169	1396096	38.413	ng	96
66) 4-Bromophenyl-phenylether	16.27	248	495686	38.659	ng	94
67) Hexachlorobenzene	16.38	284	532488	37.546	ng	96
68) Atrazine	16.55	200	452045	36.943	ng	96
69) Pentachlorophenol	16.73	266	343675	37.646	ng	98
70) Phenanthrene	17.12	178	2240382	37.474	ng	100
71) Anthracene	17.20	178	2233662	37.748	ng	98
72) Carbazole	17.47	167	2199249	37.040	ng	97
73) Di-n-butylphthalate	18.05	149	2540393	36.679	ng	99
74) Fluoranthene	19.13	202	2388489	36.797	ng	98
76) Benzidine	19.32	184	1224744	37.745	ng	97
77) Pyrene	19.50	202	2480836	36.159	ng	100
79) Butylbenzylphthalate	20.41	149	1098437	36.779	ng	92
80) Benzo(a)anthracene	21.25	228	2261260	37.291	ng	98
81) 3,3'-Dichlorobenzidine	21.19	252	920992	38.986	ng	100
82) Chrysene	21.30	228	2191139	37.952	ng	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1569926	37.696	ng	96
84) Di-n-octyl phthalate	22.07	149	2599607	39.367	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2490502	44.245	ng	# 95
87) Benzo(b)fluoranthene	22.83	252	2160699	36.363	ng	98
88) Benzo(k)fluoranthene	22.87	252	2200946	37.610	ng	98
89) Benzo(a)pyrene	23.40	252	2083230	37.540	ng	# 97
90) Dibenzo(a,h)anthracene	25.74	278	2106410	40.430	ng	# 96
91) Benzo(a,h,i)perylene	26.40	276	2052517	40.764	ng	# 94

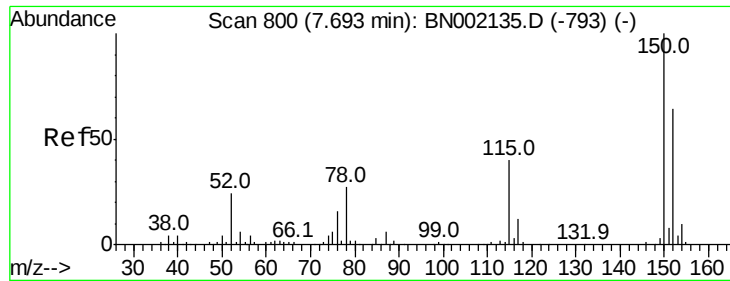
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 26 Jul 2018   05:33
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ALS Vial  : 2      Sample Multiplier: 1
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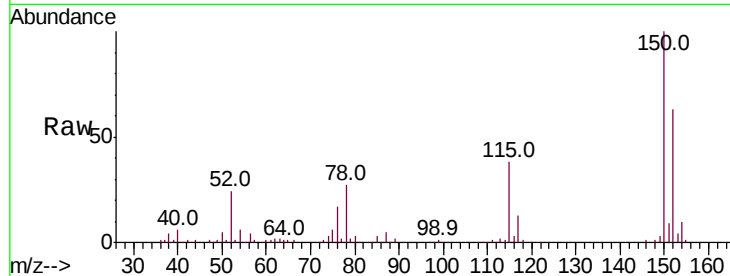


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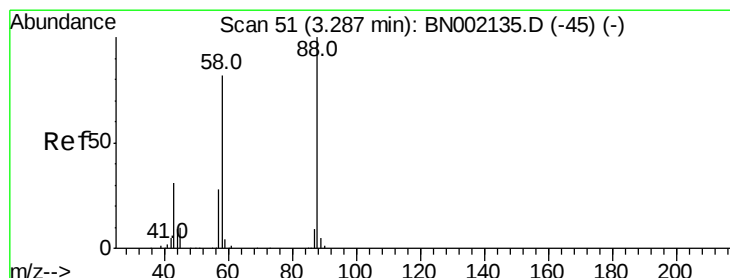
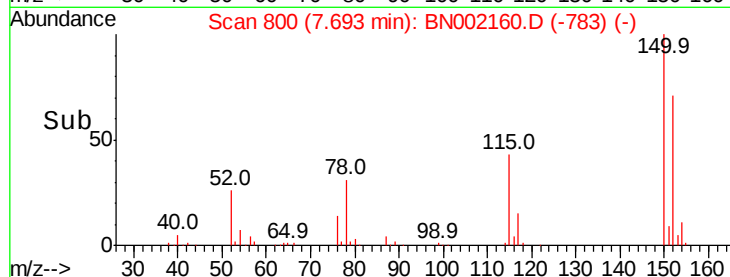
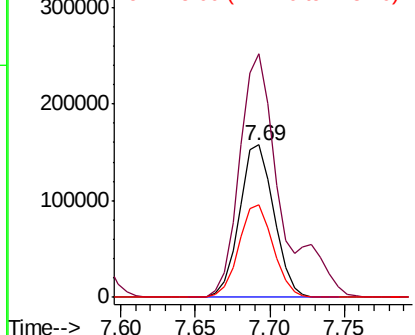
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 251509
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 61.1 53.0 79.4



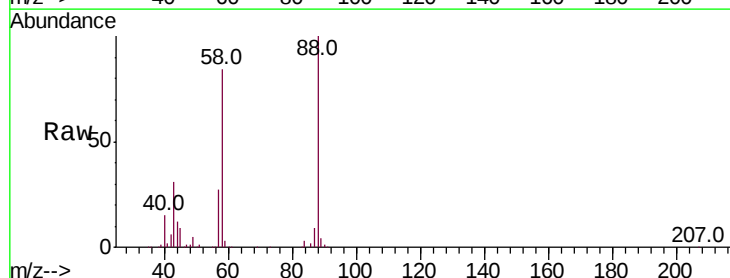
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



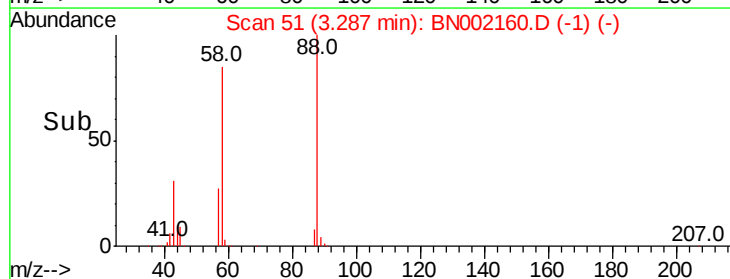
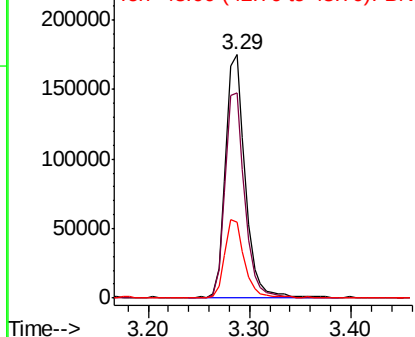
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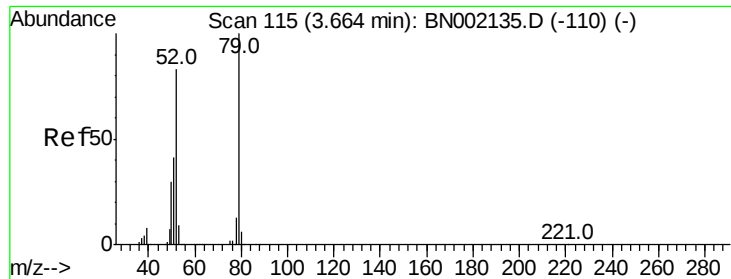
1,4-Dioxane
Concen: 39.815 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion: 88 Resp: 233509
Ion Ratio Lower Upper
88 100
58 85.2 52.0 78.0#
43 32.9 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

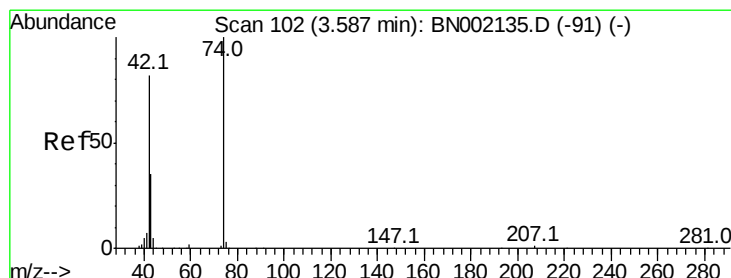
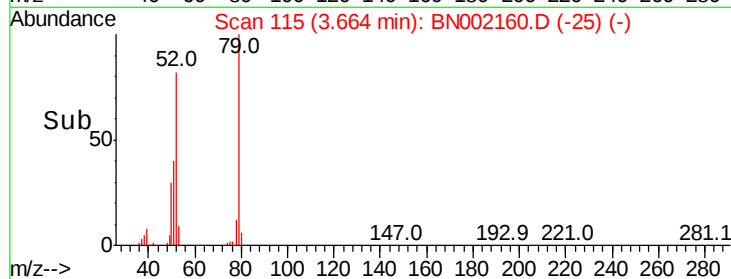
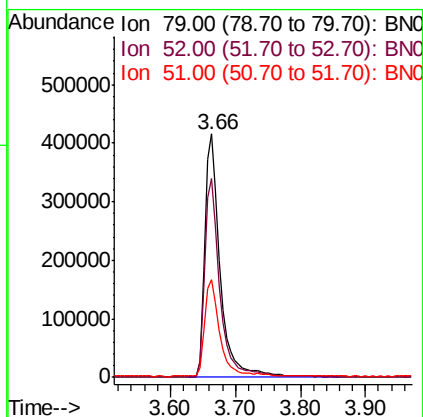
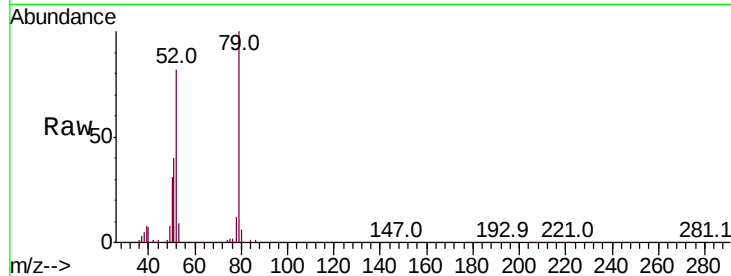




#3
 Pvridine
 Concen: 40.194 ng
 RT: 3.66 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

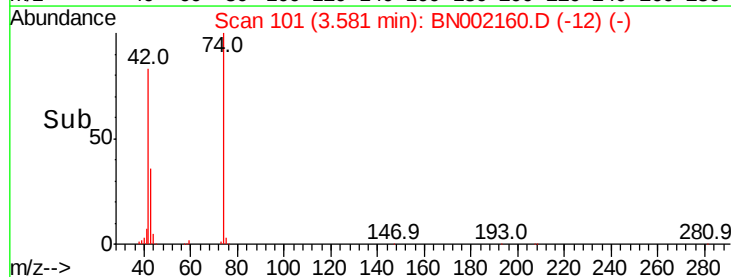
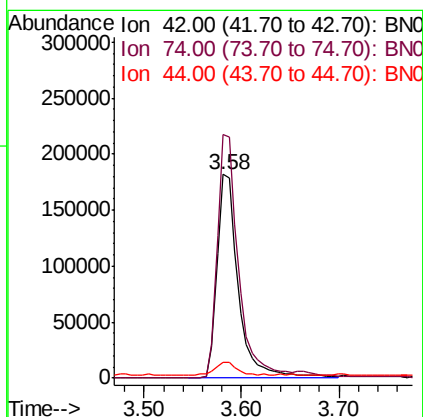
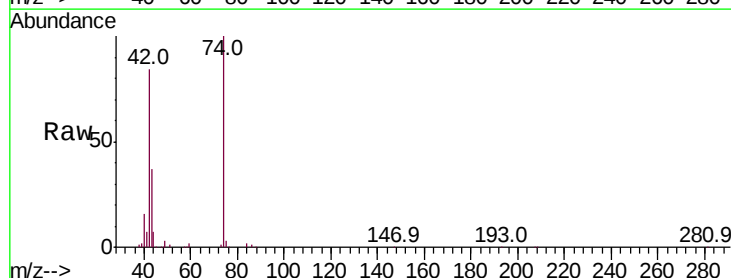
Instrument :
 BNA_N
 ClientSampled :

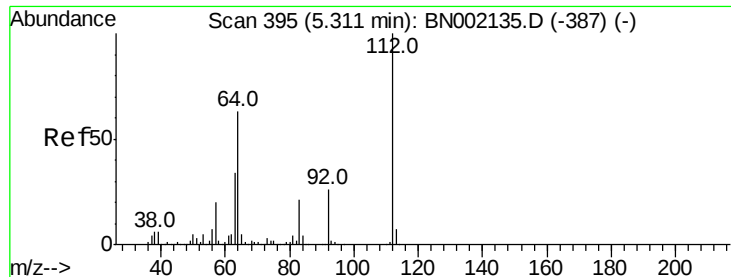
Tot Ion: 79 Resp: 682841
 Ion Ratio Lower Upper
 79 100
 52 81.6 44.0 66.0#
 51 40.3 24.0 36.0#



#4
 n-Nitrosodimethylamine
 Concen: 38.118 ng
 RT: 3.58 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion: 42 Resp: 277784
 Ion Ratio Lower Upper
 42 100
 74 119.6 128.0 192.0#
 44 7.9 12.0 18.0#





#5

2-Fluorophenol

Concen: 78.384 ng

RT: 5.30 min Scan# 394

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

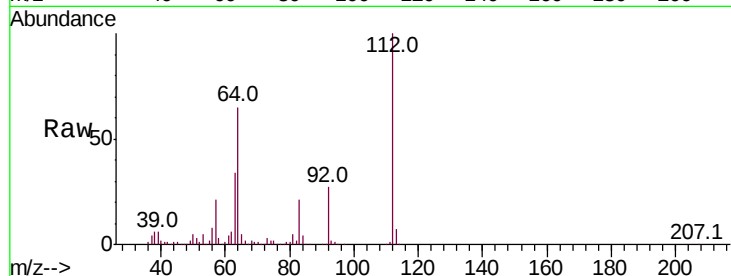
Tot Ion:112 Resp: 1224551

Ion Ratio Lower Upper

112 100

64 65.4 56.3 84.5

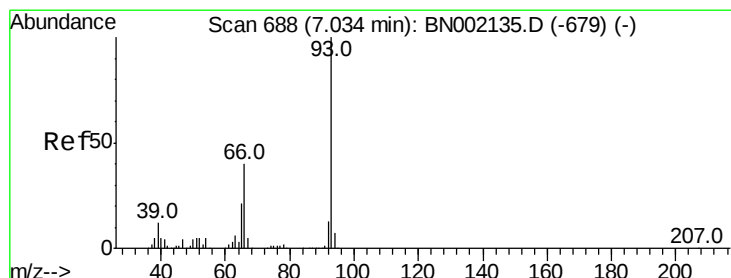
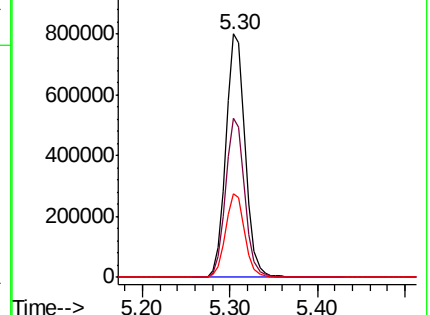
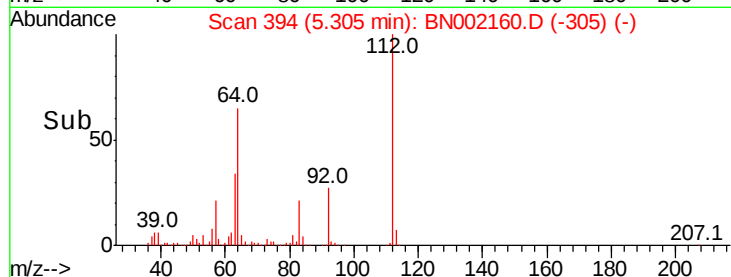
63 34.5 30.1 45.1



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: 37.513 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

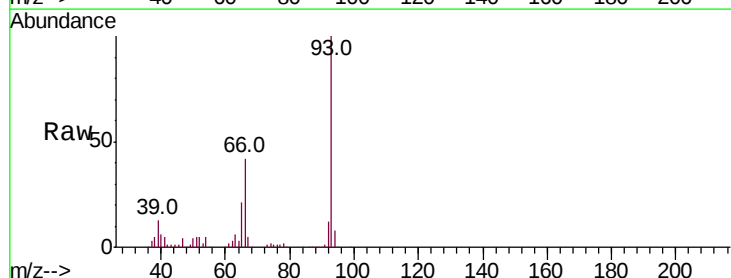
Tgt Ion: 93 Resp: 1004612

Ion Ratio Lower Upper

93 100

66 41.9 33.7 50.5

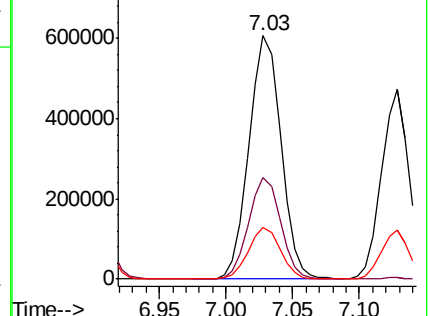
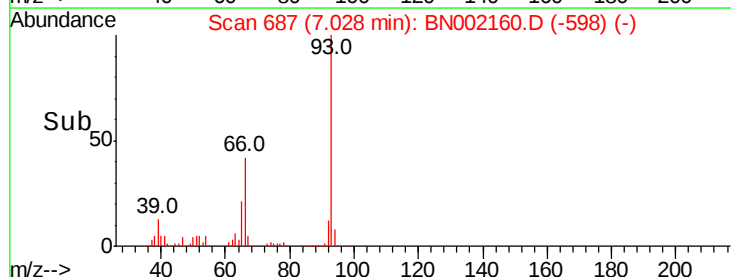
65 21.4 16.1 24.1

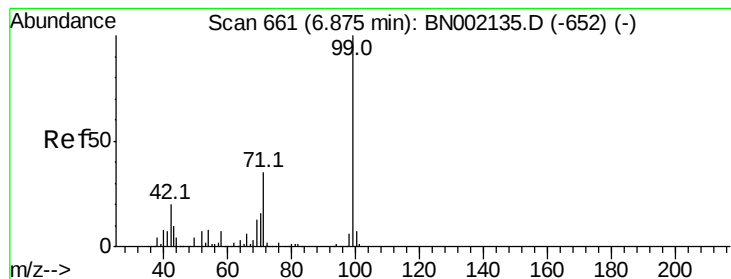


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 76.257 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

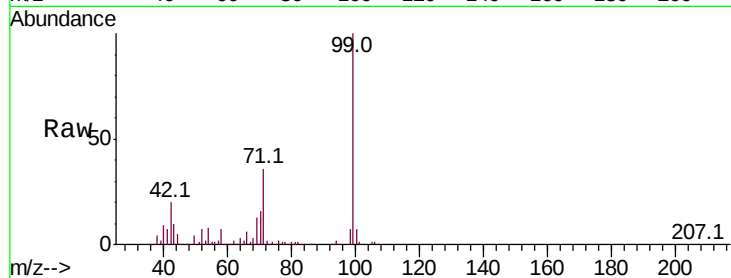
Tot Ion: 99 Resp: 1671794

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

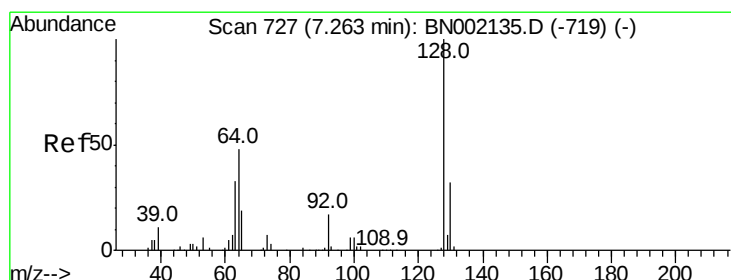
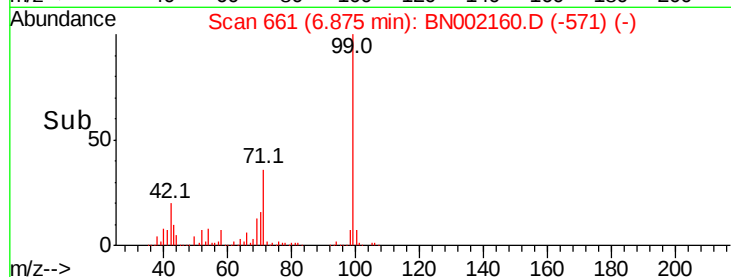
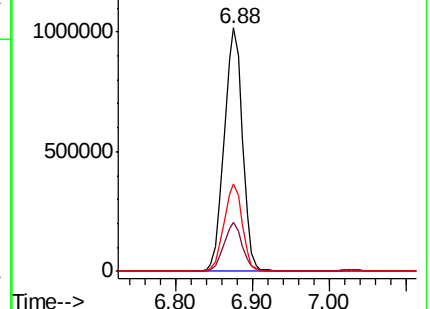
71 35.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN002135.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BN002135.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BN002135.D (-652) (-)



#8

2-Chlorophenol

Concen: 38.004 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

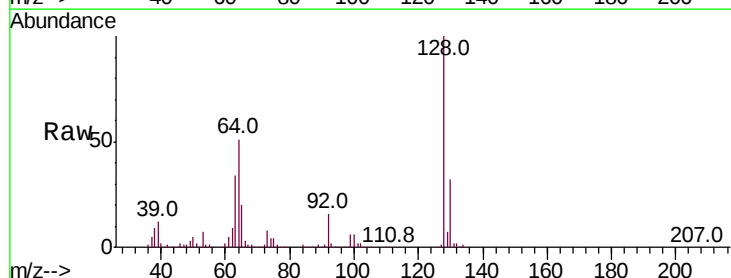
Tgt Ion: 128 Resp: 688561

Ion Ratio Lower Upper

128 100

130 31.9 14.0 54.0

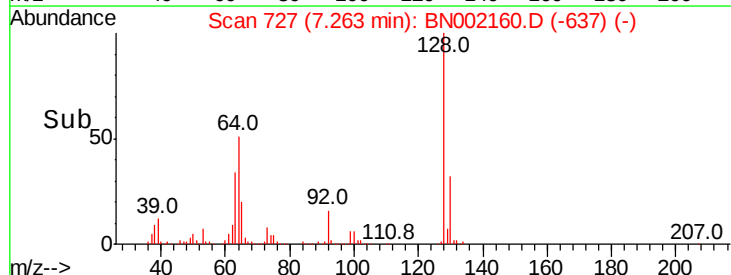
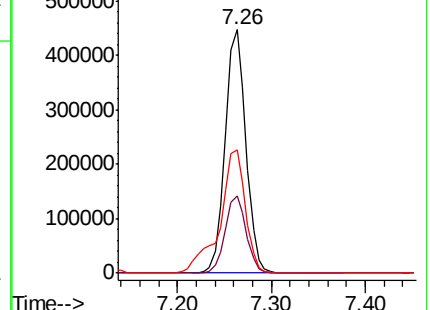
64 50.6 37.7 77.7

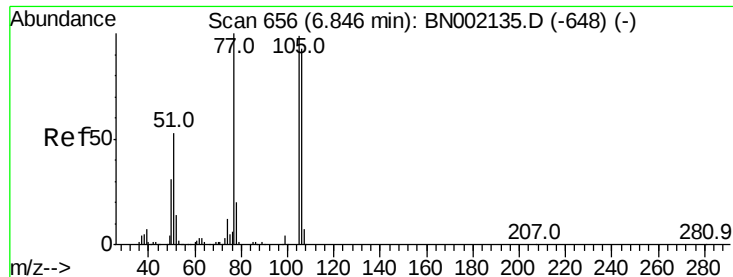


Abundance Ion 128.00 (127.70 to 128.70): BN002135.D (-719) (-)

Ion 130.00 (129.70 to 130.70): BN002135.D (-719) (-)

Ion 64.00 (63.70 to 64.70): BN002135.D (-719) (-)





#9

Benzaldehyde

Concen: 38.228 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

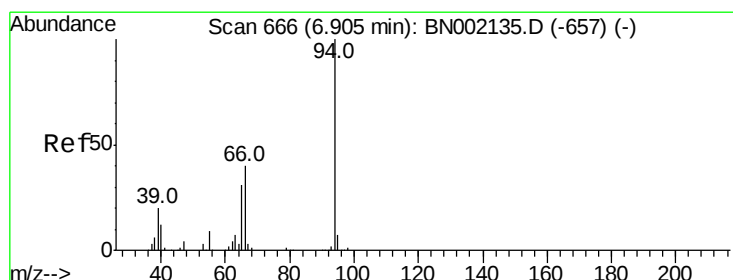
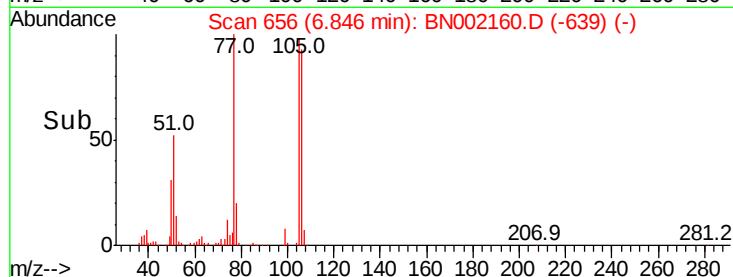
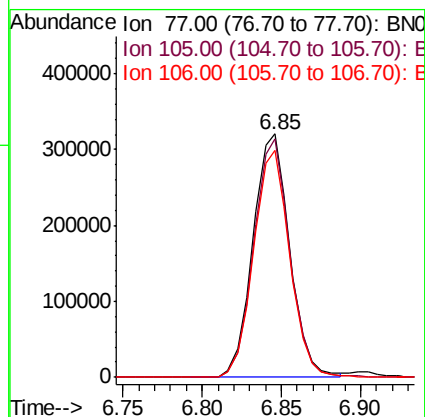
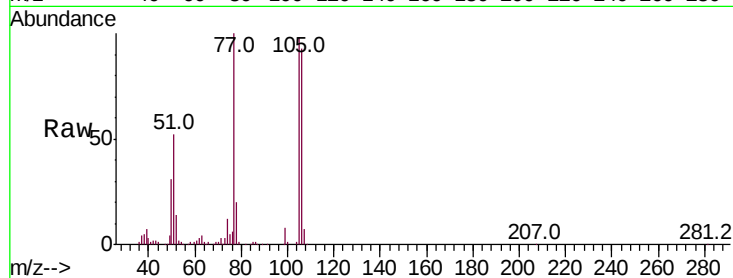
Tot Ion: 77 Resp: 516150

Ion Ratio Lower Upper

77 100

105 98.1 71.3 111.3

106 93.3 64.2 104.2



#10

Phenol

Concen: 38.087 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

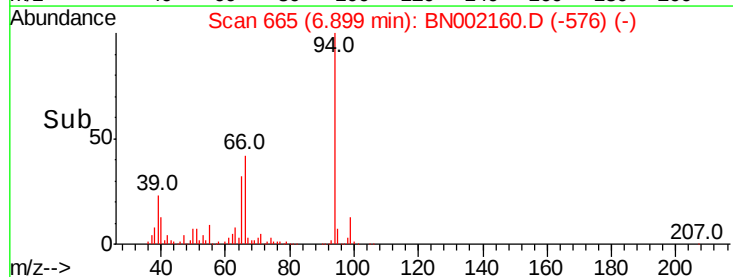
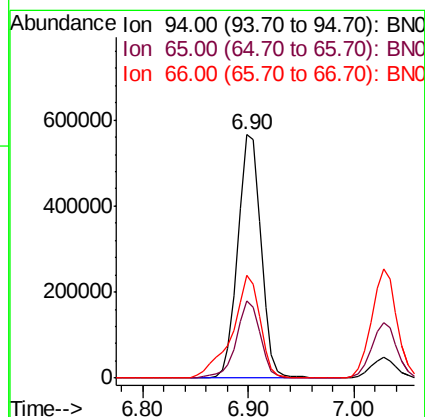
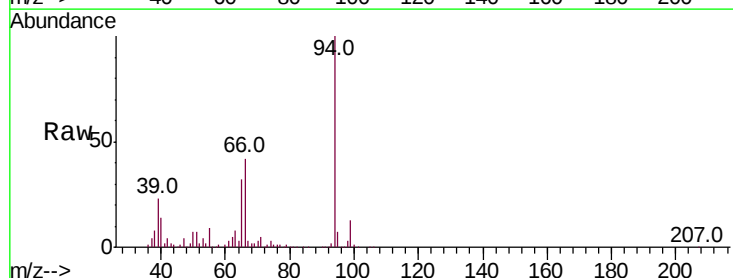
Tgt Ion: 94 Resp: 855910

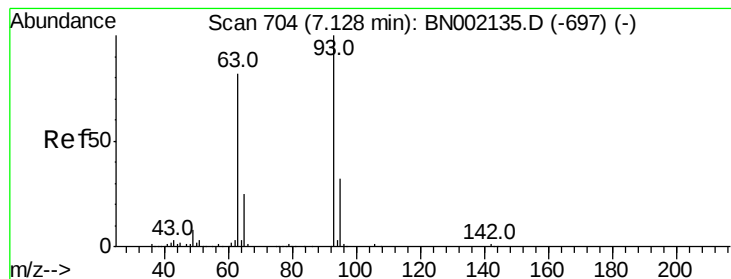
Ion Ratio Lower Upper

94 100

65 31.8 11.9 51.9

66 42.0 22.2 62.2

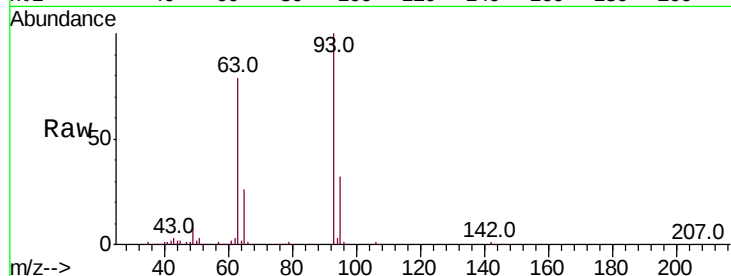




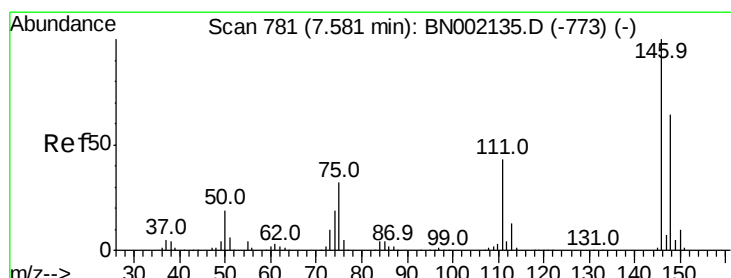
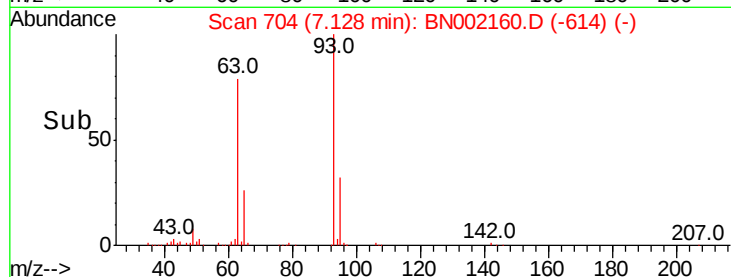
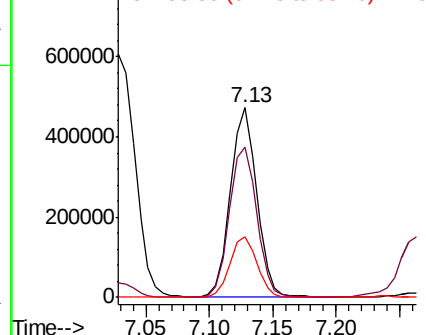
#11
bis(2-Chloroethyl)ether
Concen: 37.321 ng
RT: 7.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	67.1	107.1
95	32.1	11.5	51.5

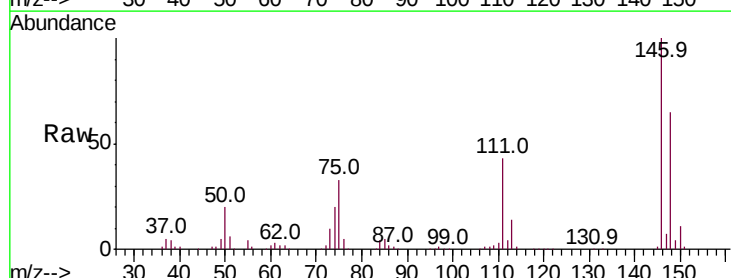


Abundance Ion 93.00 (92.70 to 93.70): BN002135.D (-697) (-)
Ion 63.00 (62.70 to 63.70): BN002135.D (-697) (-)
Ion 95.00 (94.70 to 95.70): BN002135.D (-697) (-)

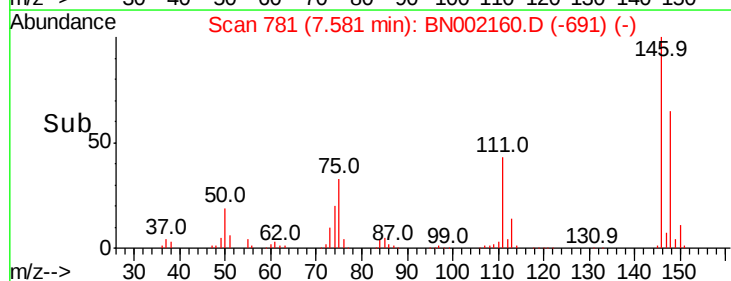
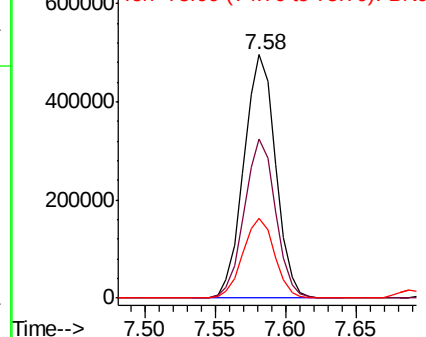


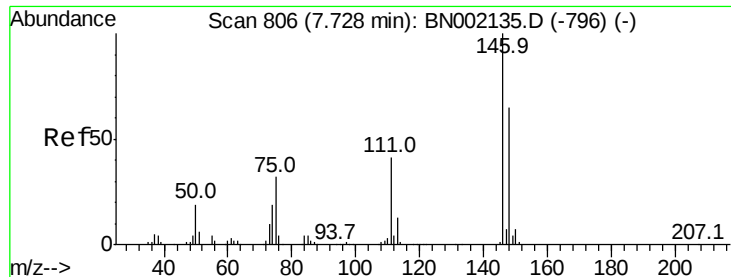
#12
1,3-Dichlorobenzene
Concen: 37.809 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
75	32.9	26.6	39.8



Abundance Ion 146.00 (145.70 to 146.70): BN002135.D (-773) (-)
Ion 148.00 (147.70 to 148.70): BN002135.D (-773) (-)
Ion 75.00 (74.70 to 75.70): BN002135.D (-773) (-)





#13

1,4-Dichlorobenzene

Concen: 38.040 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

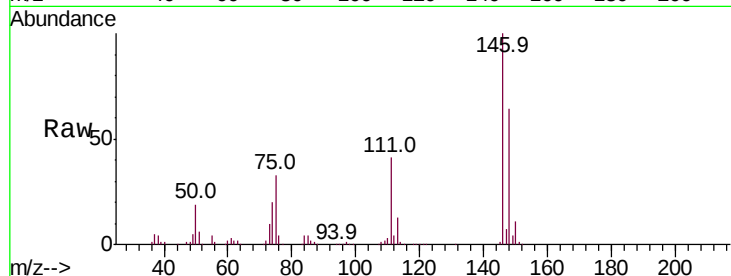
Tot Ion:146 Resp: 803513

Ion Ratio Lower Upper

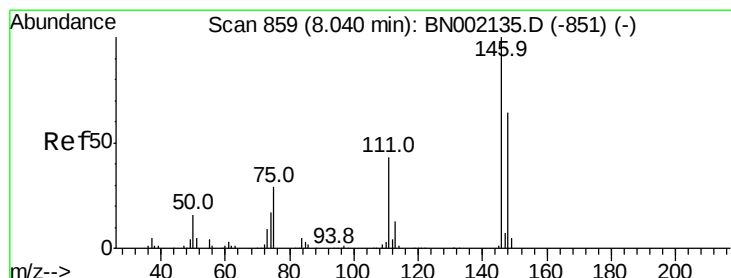
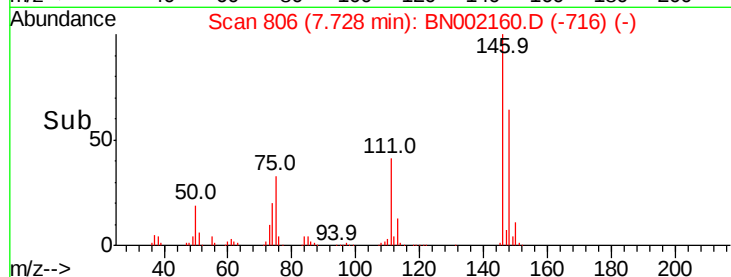
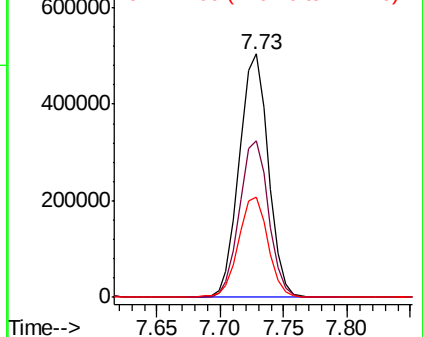
146 100

148 64.5 53.7 80.5

111 41.0 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: 37.547 ng

RT: 8.04 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

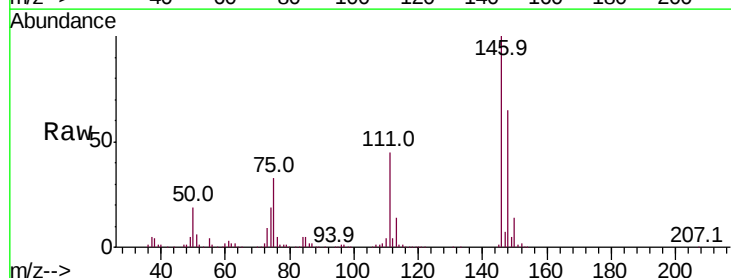
Tgt Ion:146 Resp: 765114

Ion Ratio Lower Upper

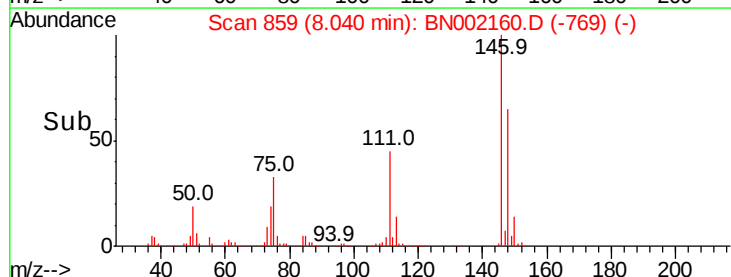
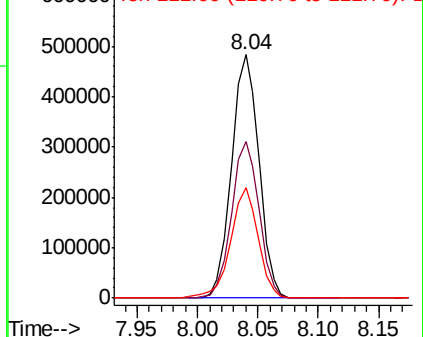
146 100

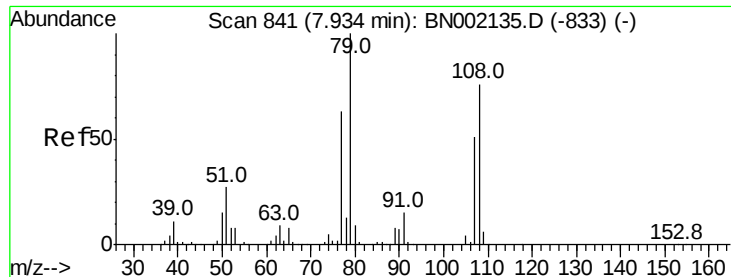
148 64.5 49.3 73.9

111 45.3 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: 36.538 ng

RT: 7.93 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

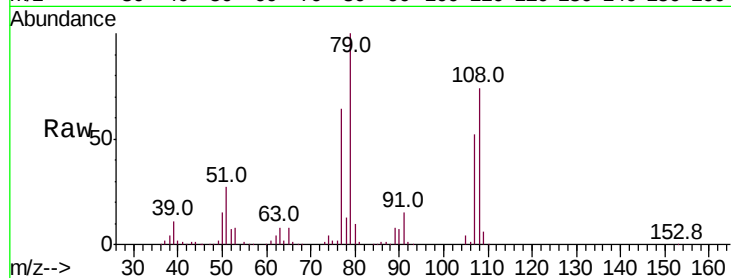
Tot Ion: 79 Resp: 604447

Ion Ratio Lower Upper

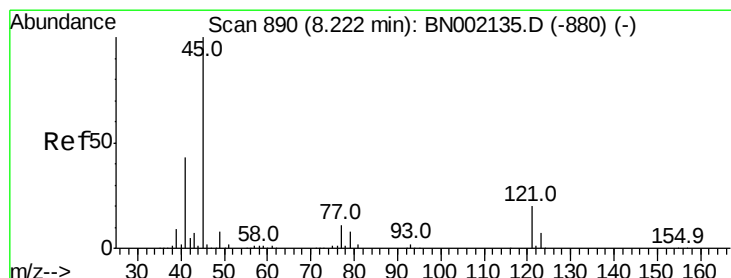
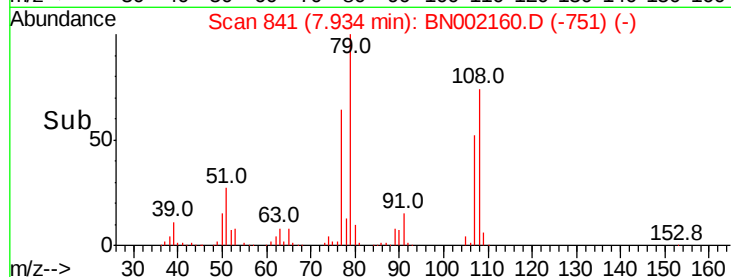
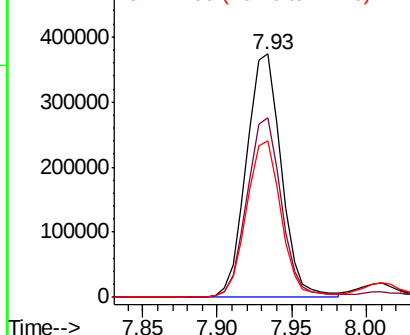
79 100

108 73.6 57.2 85.8

77 64.1 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: 37.572 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

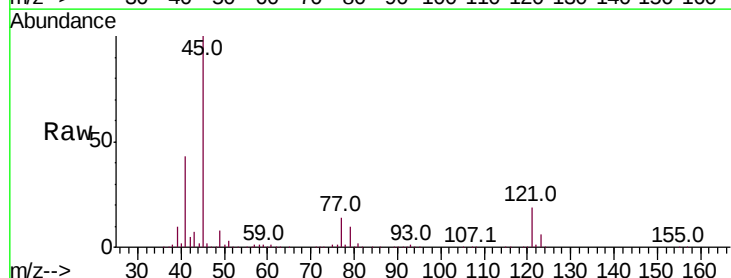
Tgt Ion: 45 Resp: 1109742

Ion Ratio Lower Upper

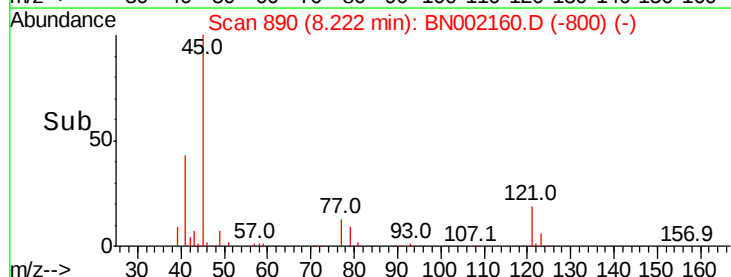
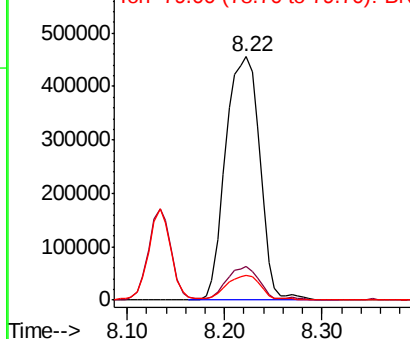
45 100

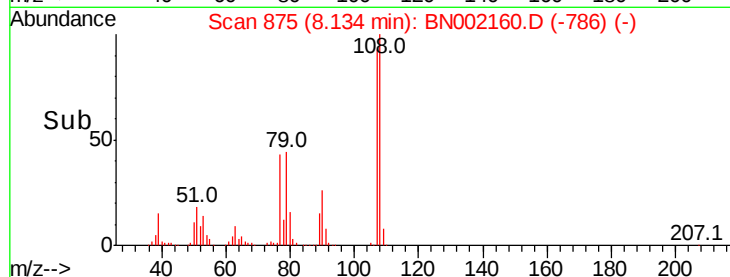
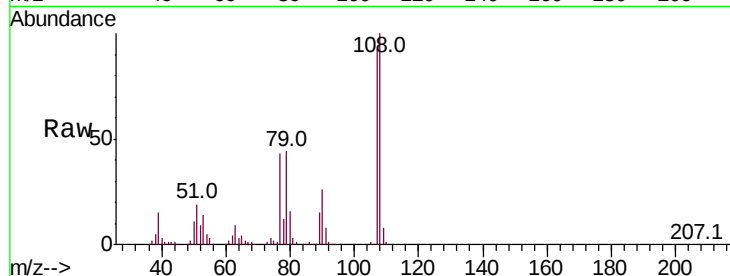
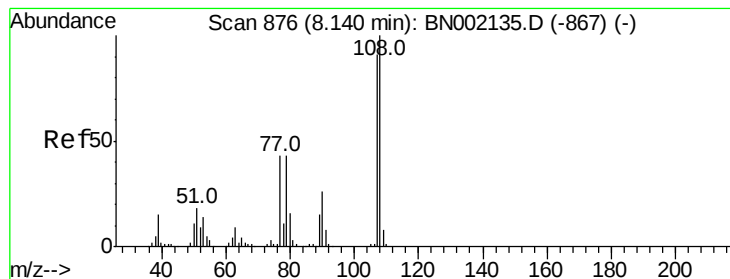
77 13.7 0.0 30.2

79 10.2 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: 36.608 ng

RT: 8.13 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 561626

Ion Ratio Lower Upper

107 100

108 107.6 83.9 125.9

77 46.6 37.2 55.8

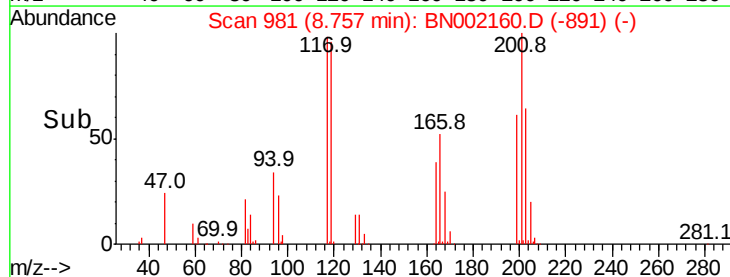
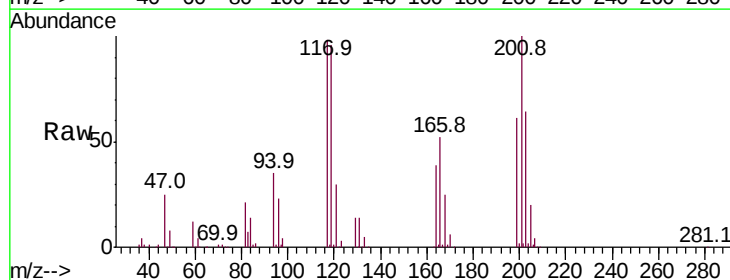
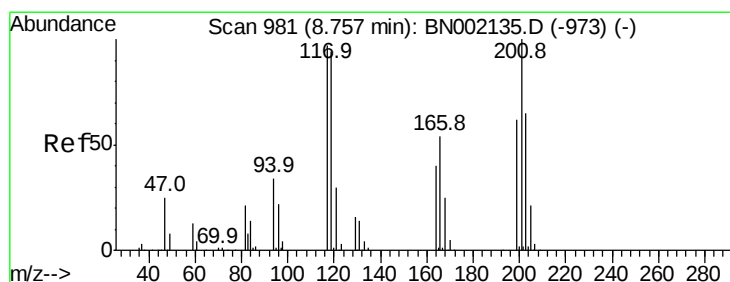
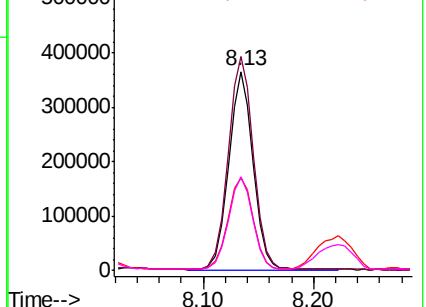
79 47.1 36.2 54.2

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: 38.327 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Tgt Ion:117 Resp: 296298

Ion Ratio Lower Upper

117 100

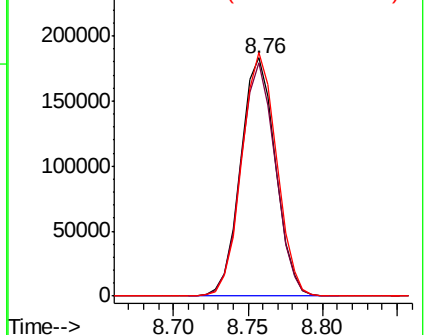
119 97.7 76.7 115.1

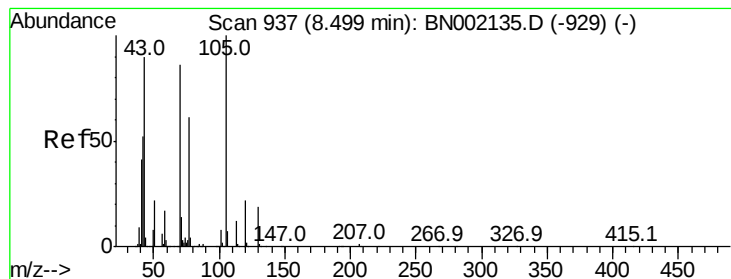
201 102.1 95.7 143.5

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: 35.303 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

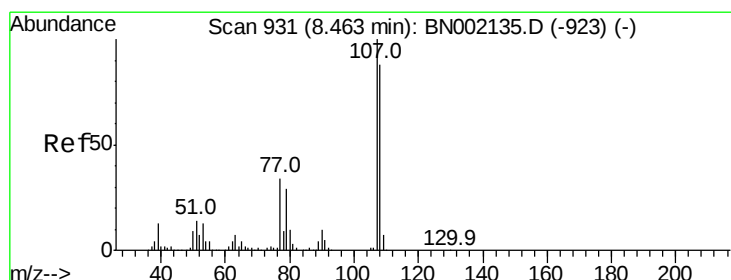
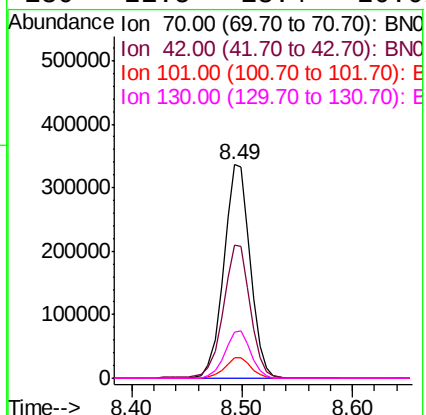
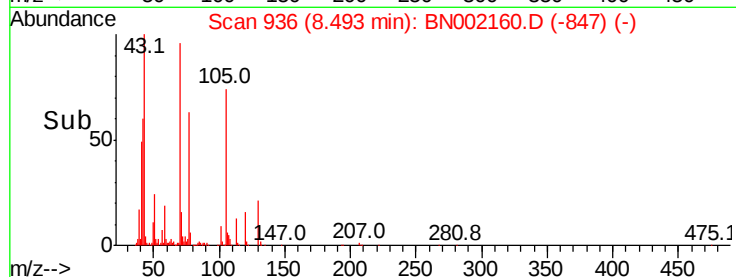
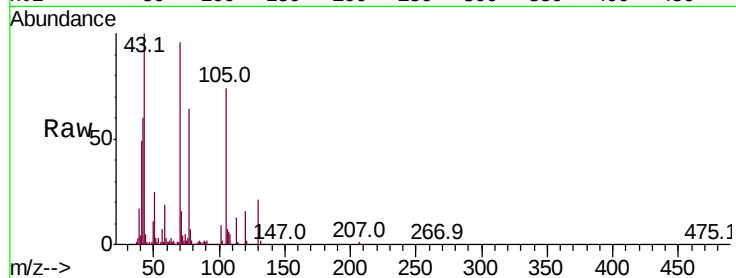
BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 561377

Ion Ratio Lower Upper

70	100		
42	62.4	49.1	73.7
101	9.6	8.5	12.7
130	21.5	13.4	20.0



#20

3+4-Methylphenols

Concen: 36.276 ng

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

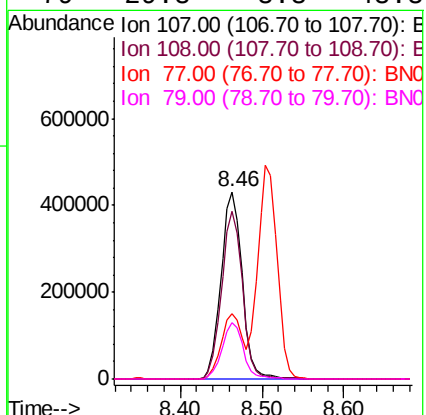
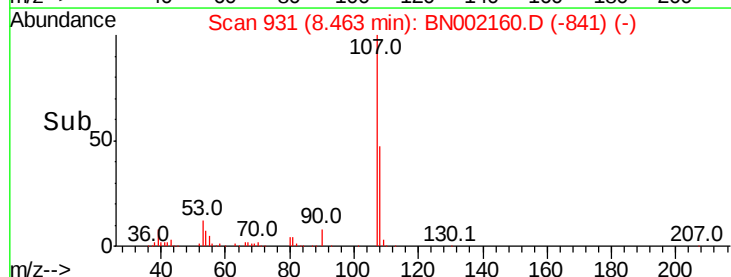
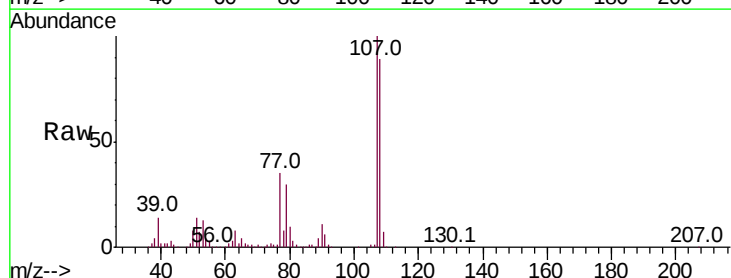
Lab File: BN002160.D

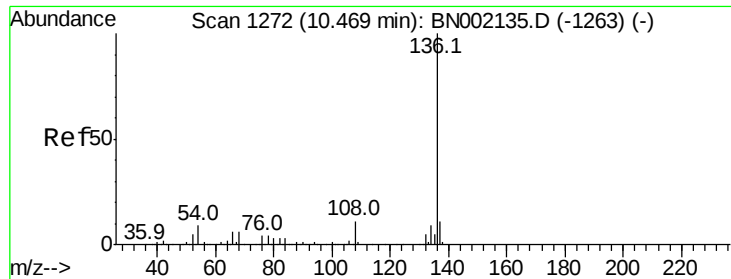
Acq: 26 Jul 2018 05:33

Tgt Ion: 107 Resp: 776502

Ion Ratio Lower Upper

107	100		
108	89.4	61.6	101.6
77	35.1	13.9	53.9
79	29.8	8.8	48.8



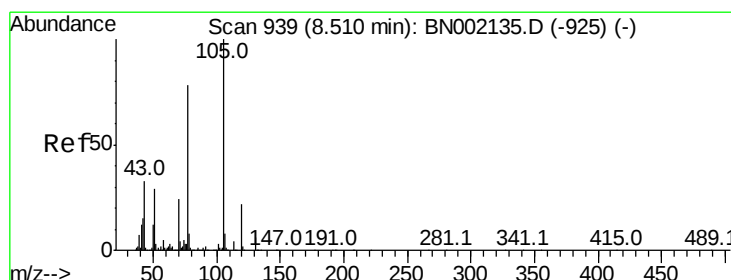
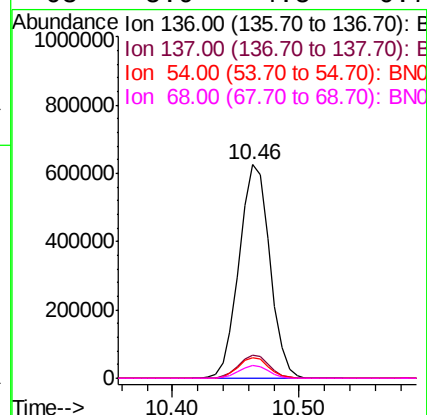
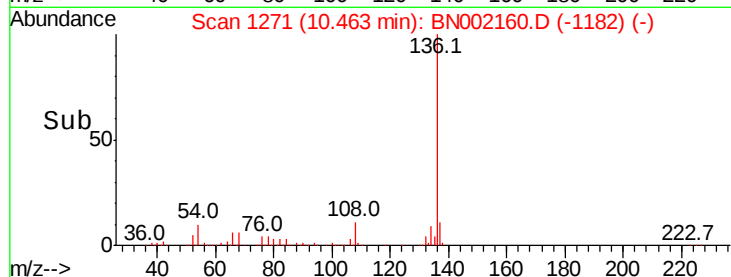
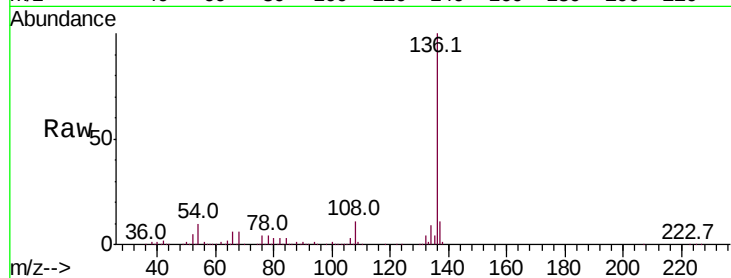


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampled :

Tot Ion:136 Resp: 1047006

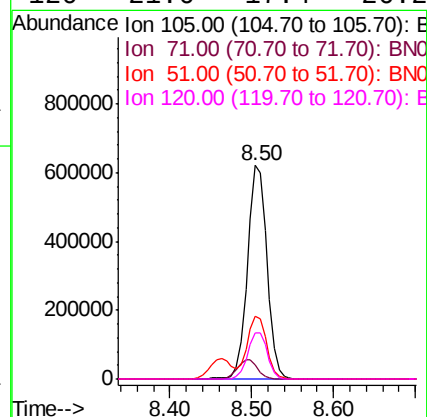
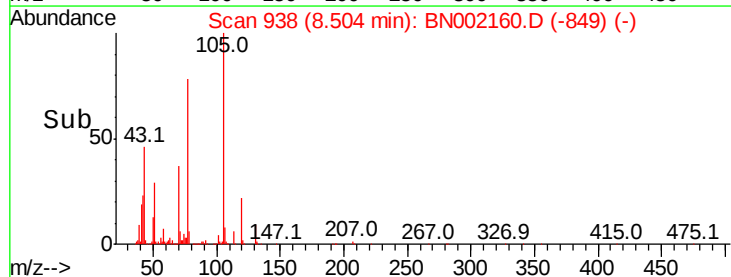
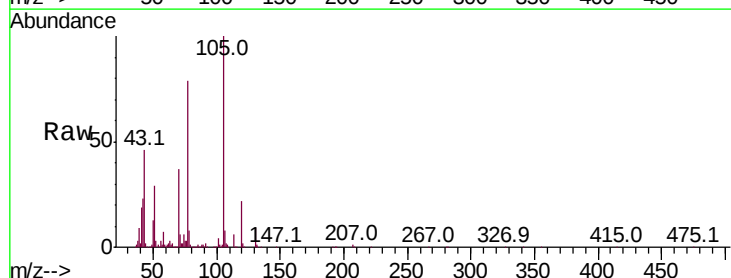
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.6	10.3	15.5#
68	5.9	4.5	6.7

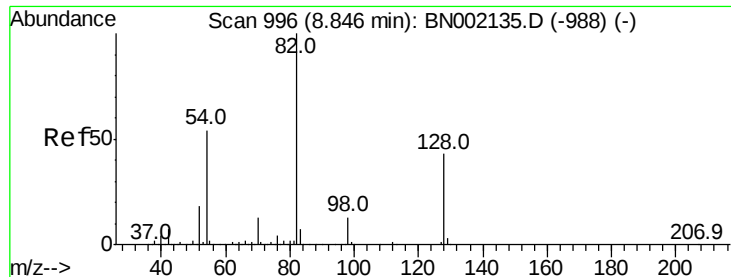


#22
Acetophenone
Concen: 37.808 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:105 Resp: 1026356

Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.0	4.4#
51	29.4	26.1	39.1
120	21.6	17.4	26.2

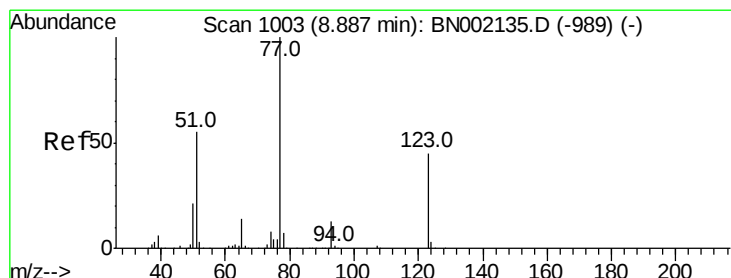
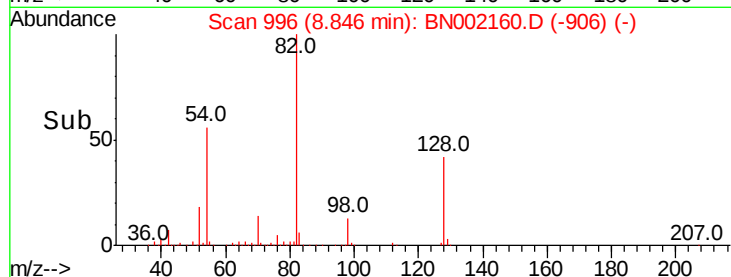
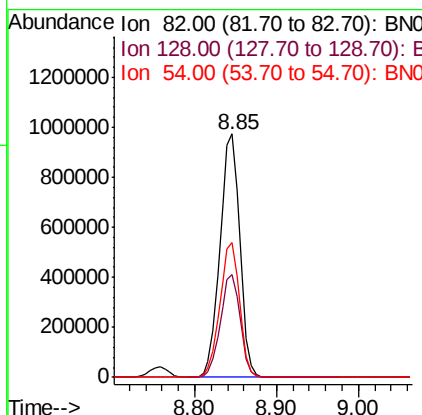
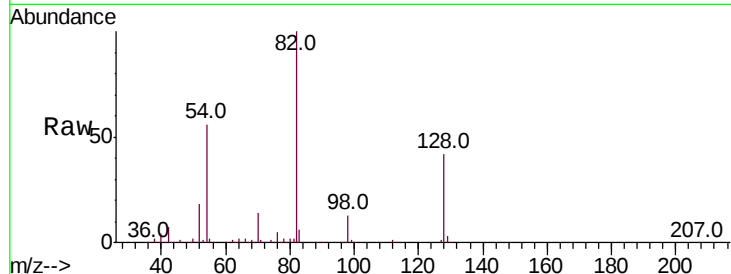




#23
 Nitrobenzene-d5
 Concen: 80.500 ng
 RT: 8.85 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

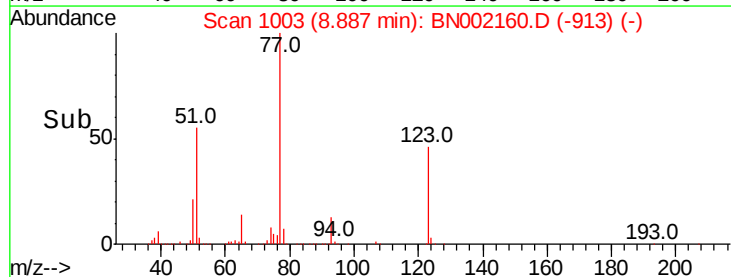
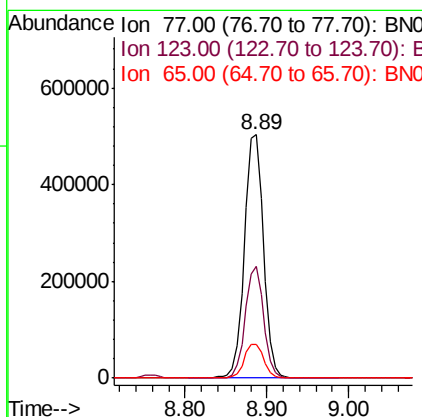
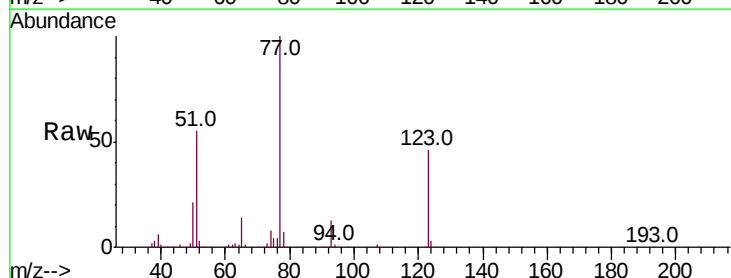
Instrument :
 BNA_N
 ClientSampleId :

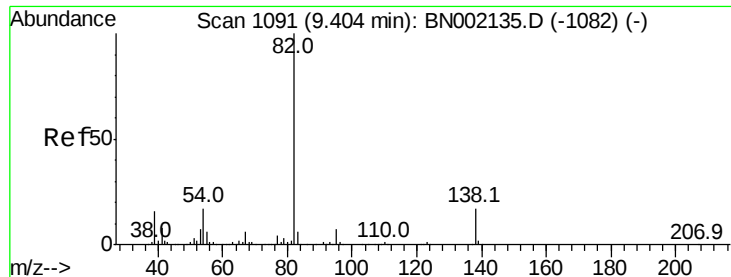
Tot Ion: 82 Resp: 1643499
 Ion Ratio Lower Upper
 82 100
 128 42.2 29.7 44.5
 54 55.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 38.657 ng
 RT: 8.89 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion: 77 Resp: 817929
 Ion Ratio Lower Upper
 77 100
 123 46.1 33.0 49.6
 65 14.0 13.0 19.6





#25

Isophorone

Concen: 36.203 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

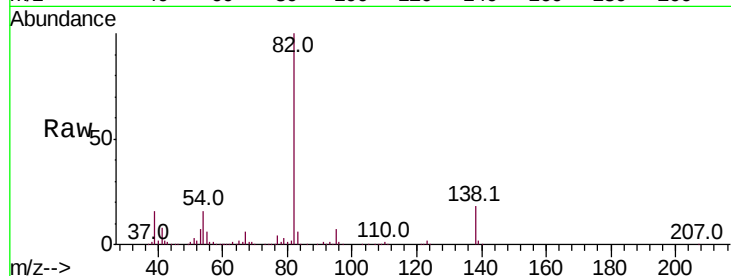
Tot Ion: 82 Resp: 1269102

Ion Ratio Lower Upper

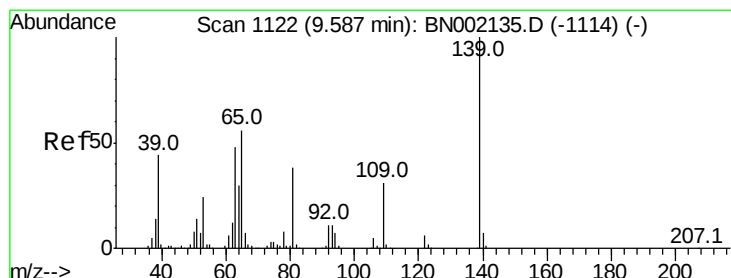
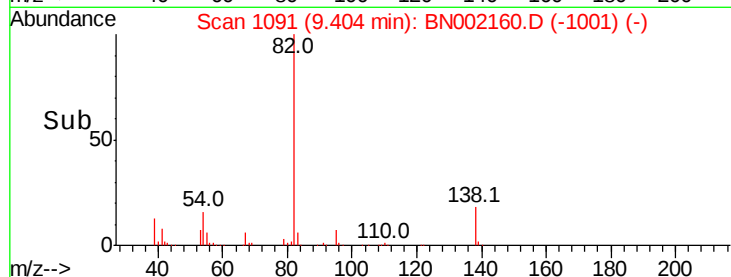
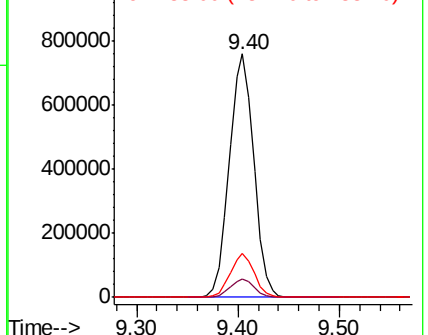
82 100

95 7.3 6.2 9.2

138 18.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 38.085 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

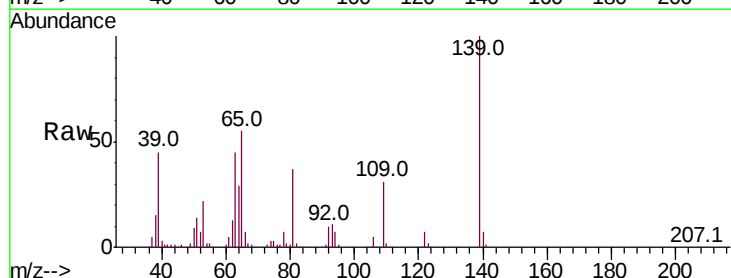
Tgt Ion: 139 Resp: 389268

Ion Ratio Lower Upper

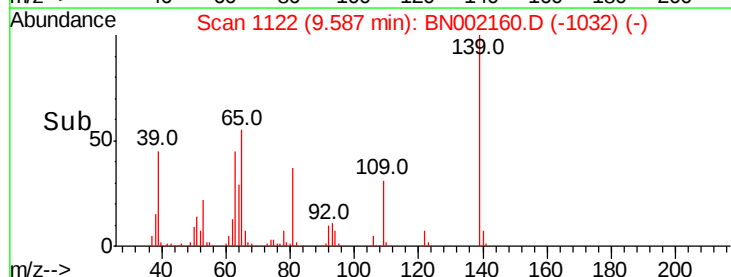
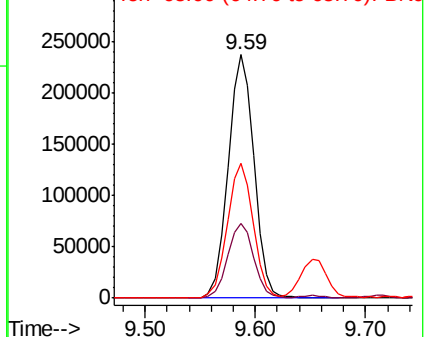
139 100

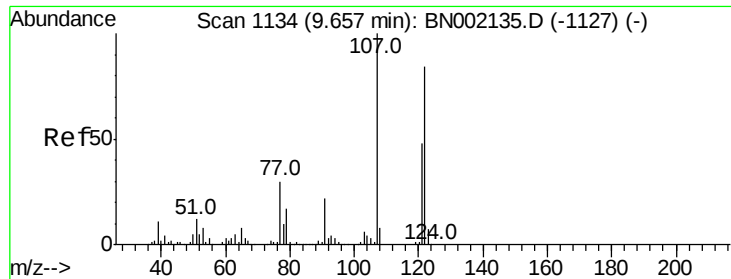
109 30.9 24.2 36.2

65 55.4 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 37.677 ng

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

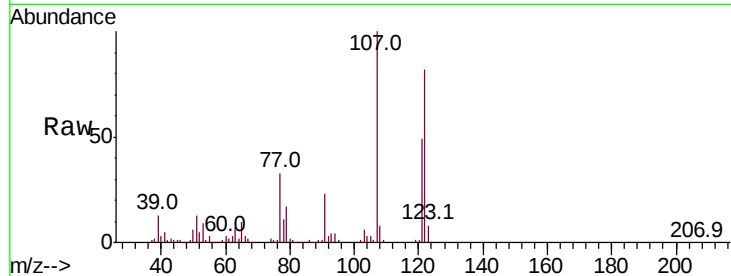
Tot Ion:122 Resp: 535571

Ion Ratio Lower Upper

122 100

107 121.8 100.2 150.2

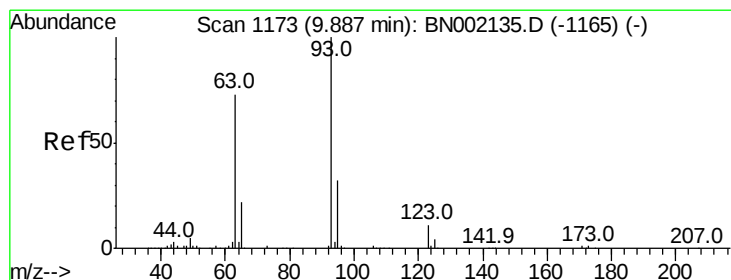
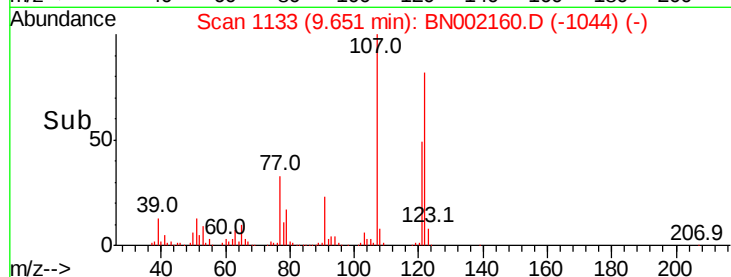
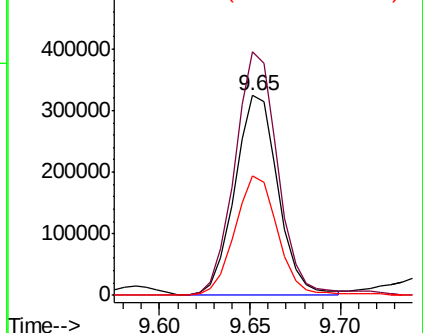
121 59.7 44.4 66.6



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: 36.889 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

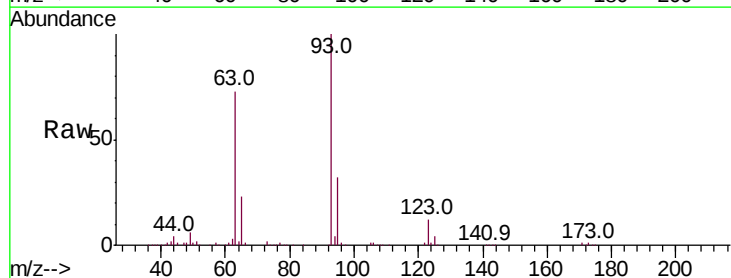
Tgt Ion: 93 Resp: 835322

Ion Ratio Lower Upper

93 100

95 32.0 24.3 36.5

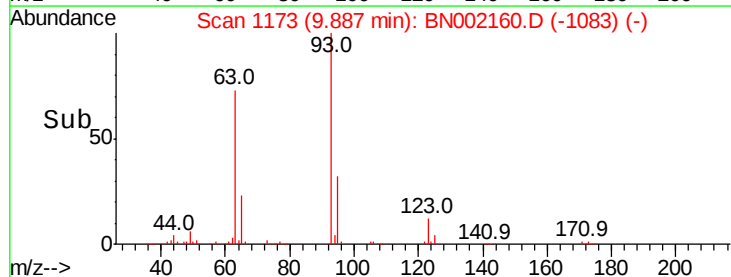
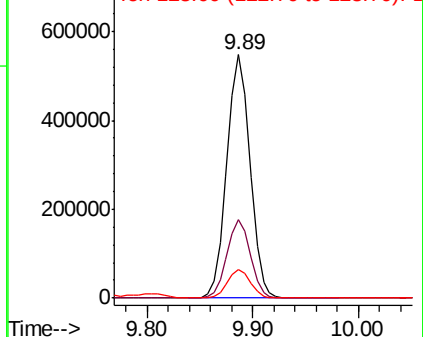
123 11.6 8.4 12.6

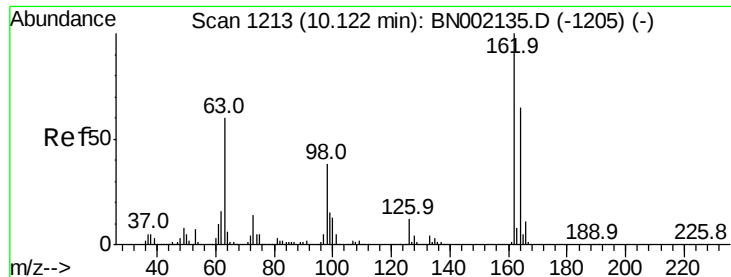


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

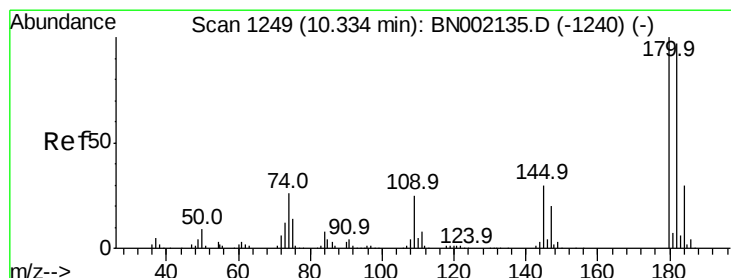
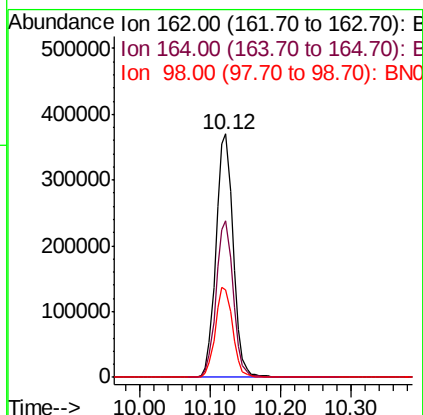
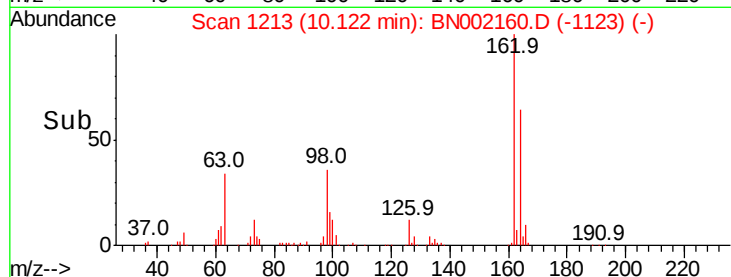
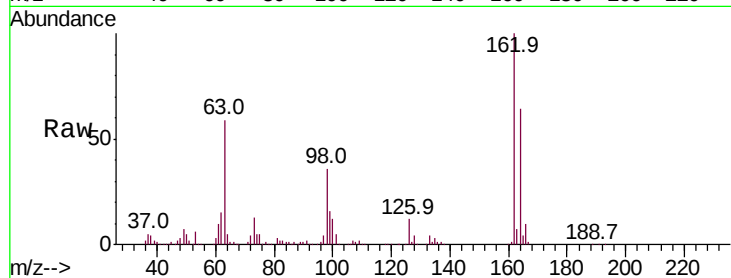




#29
2,4-Dichlorophenol
Concen: 37.878 ng
RT: 10.12 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

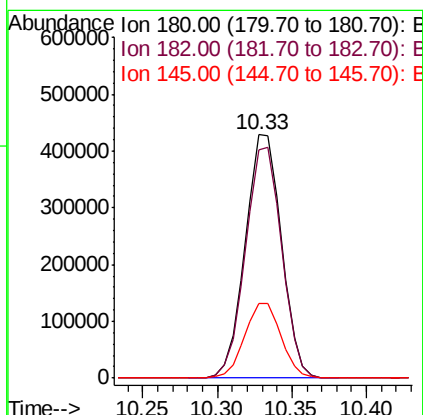
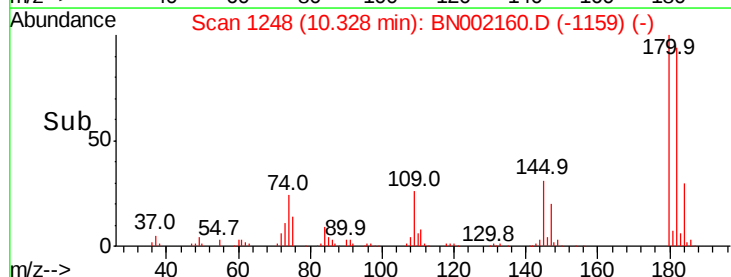
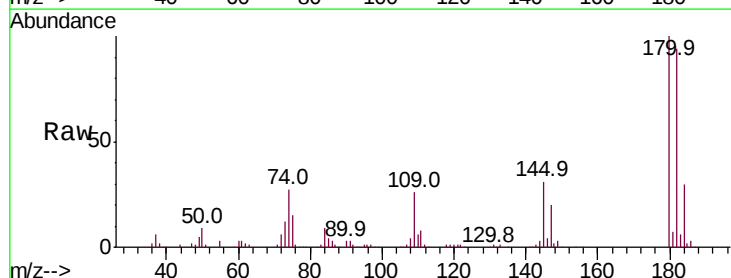
Instrument :
BNA_N
ClientSampled :

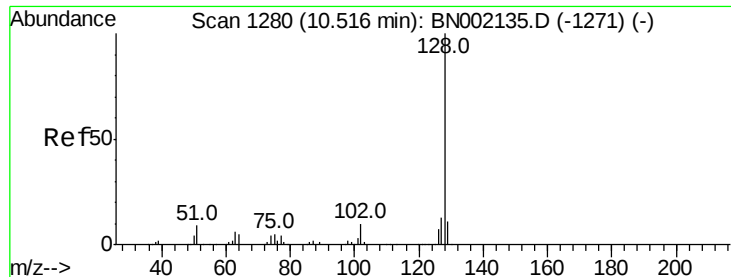
Tot Ion:162 Resp: 627857
Ion Ratio Lower Upper
162 100
164 64.2 48.0 88.0
98 36.0 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 38.297 ng
RT: 10.33 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:180 Resp: 718926
Ion Ratio Lower Upper
180 100
182 94.0 77.5 116.3
145 30.5 23.4 35.2

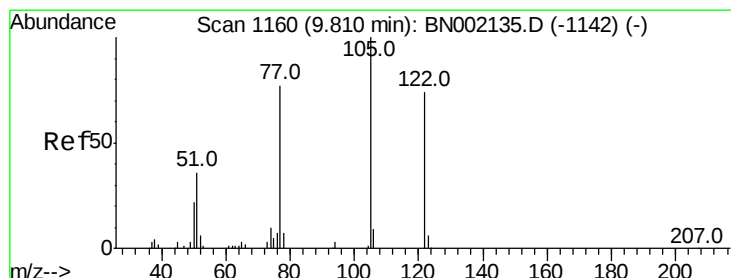
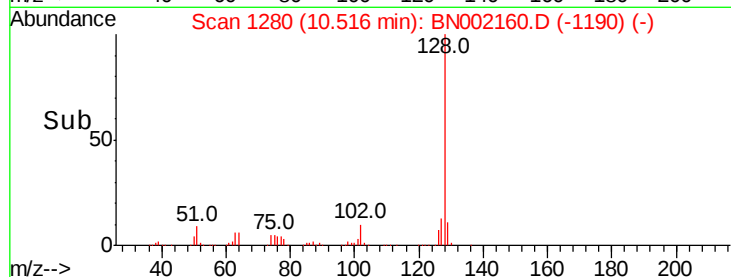
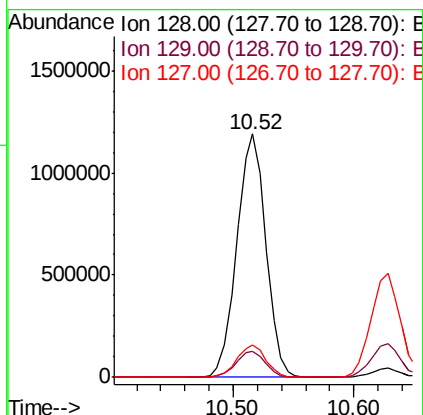
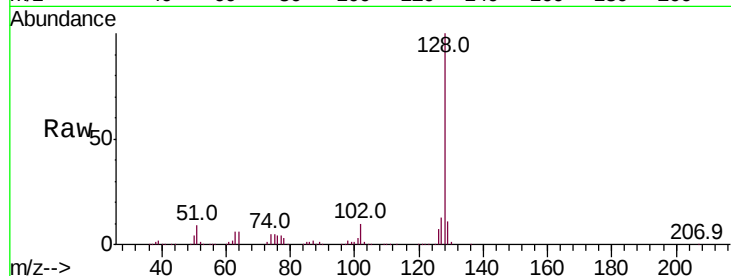




#31
Naphthalene
Concen: 37.712 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

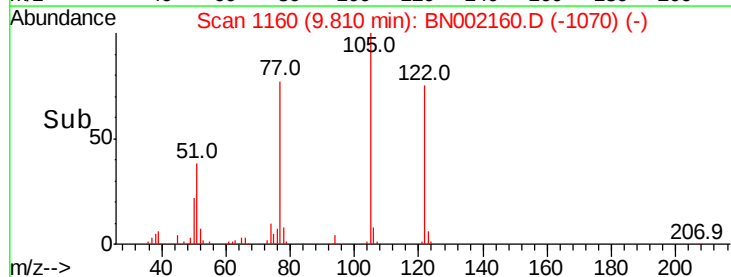
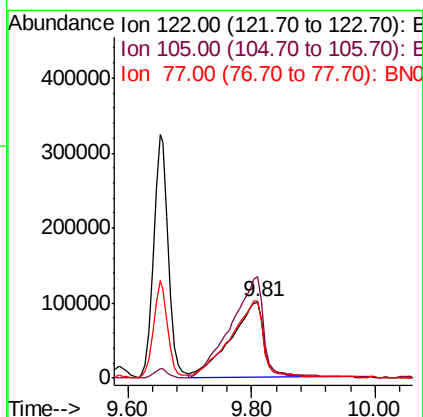
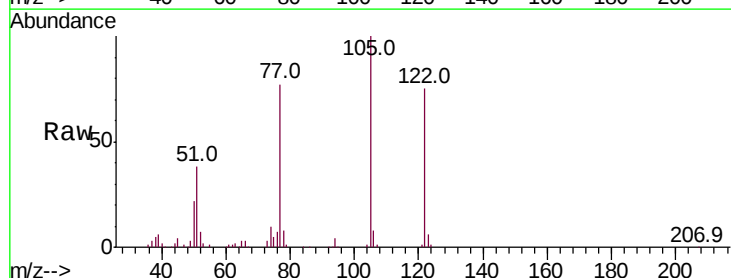
Instrument :
BNA_N
ClientSampleId :

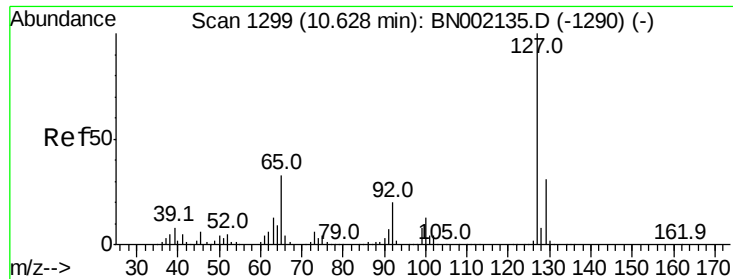
Tot Ion:128 Resp: 1992714
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 31.430 ng
RT: 9.81 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:122 Resp: 379062
Ion Ratio Lower Upper
122 100
105 133.1 123.5 163.5
77 102.0 85.7 125.7

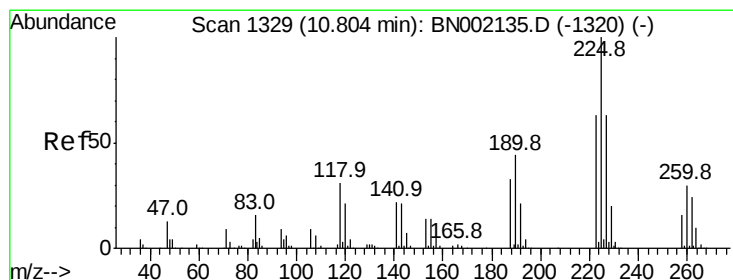
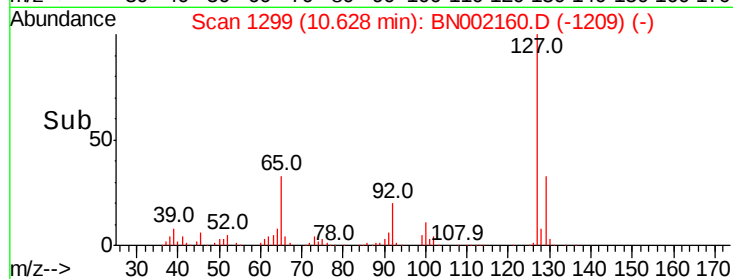
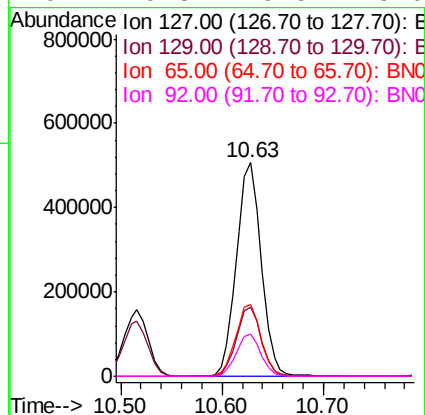
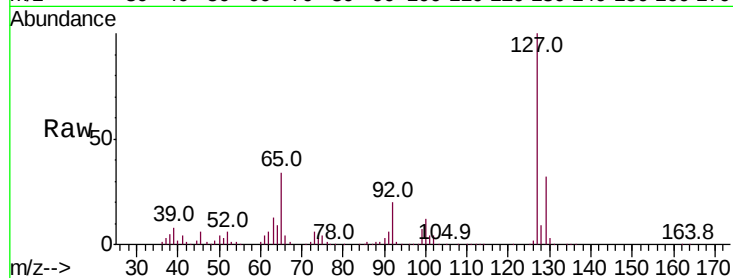




#33
4-Chloroaniline
Concen: 36.614 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

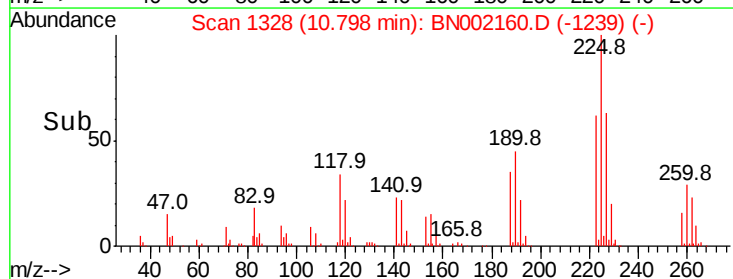
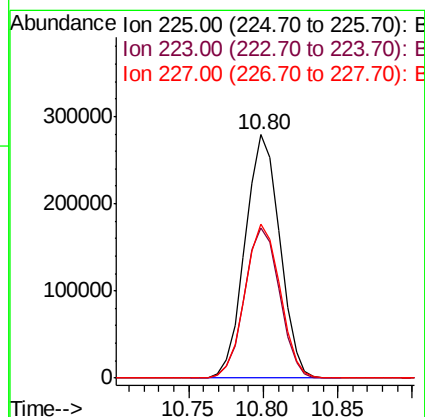
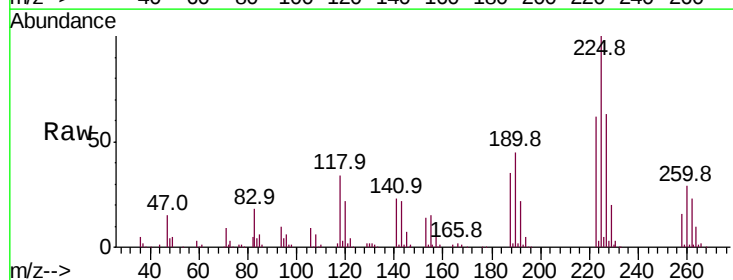
Instrument :
BNA_N
ClientSampleId :

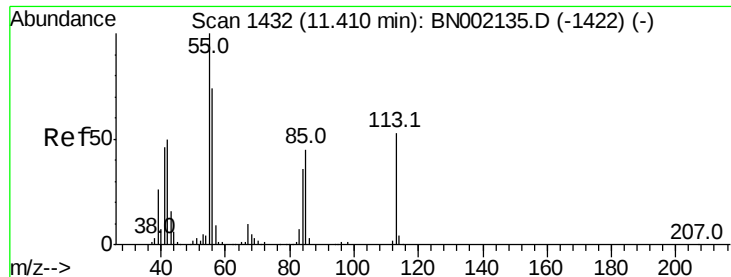
Tot Ion:	127	Resp:	860845
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	33.6	27.0	40.4
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.026 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:	225	Resp:	448640
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	63.1	48.1	72.1





#35

Caprolactam

Concen: 32.030 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

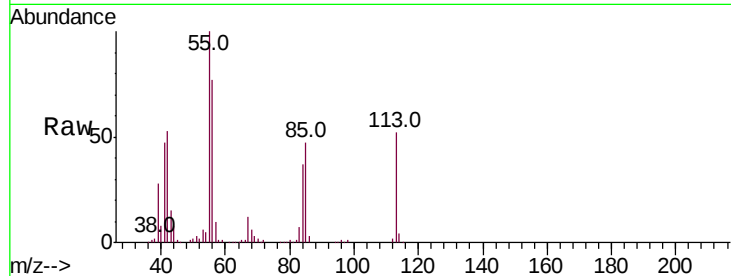
Tot Ion:113 Resp: 181188

Ion Ratio Lower Upper

113 100

55 191.8 120.0 160.0#

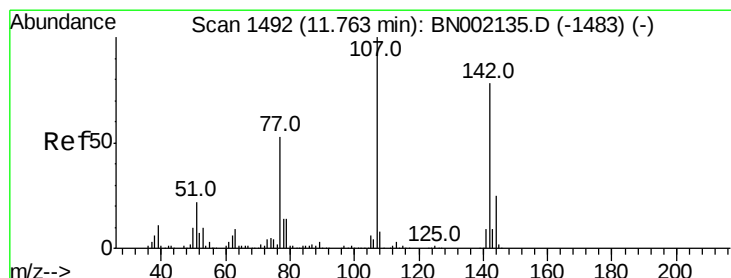
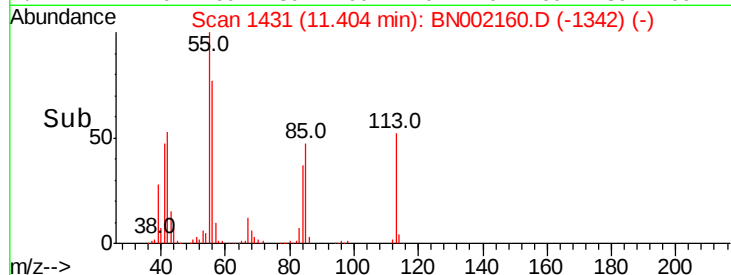
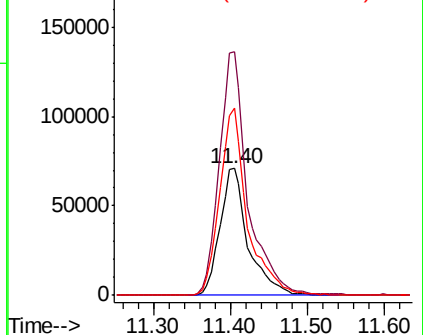
56 147.6 90.0 130.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 35.313 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

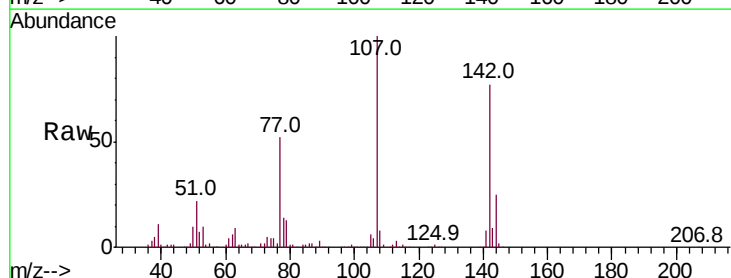
Tgt Ion:107 Resp: 665599

Ion Ratio Lower Upper

107 100

144 25.0 18.2 27.4

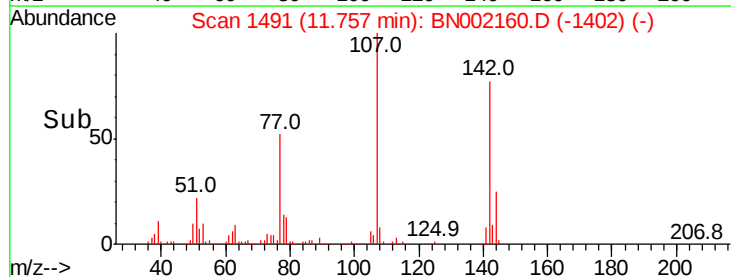
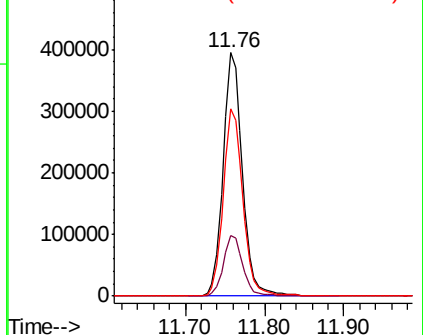
142 76.9 59.0 88.4

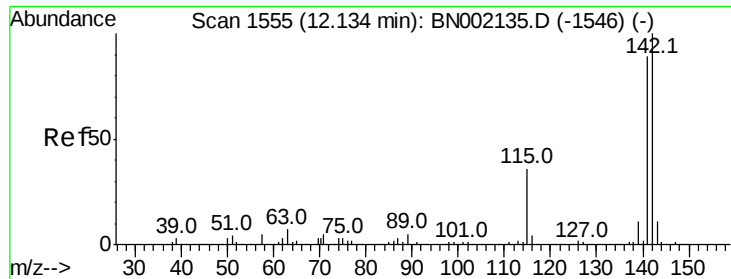


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

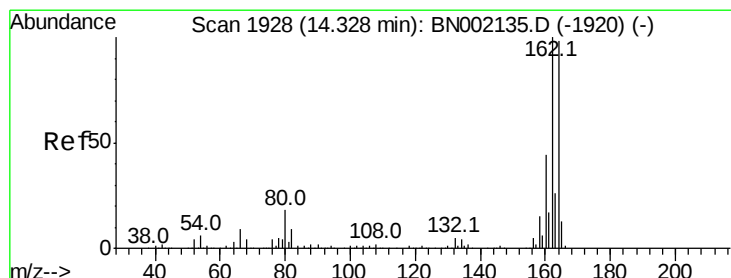
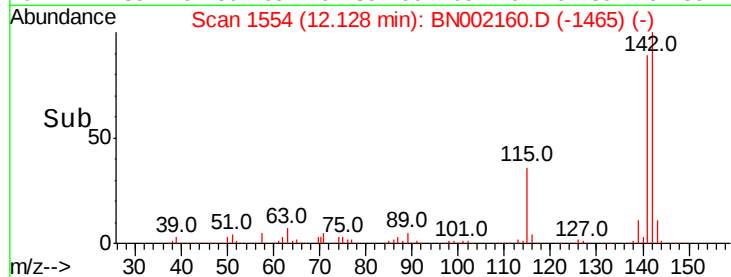
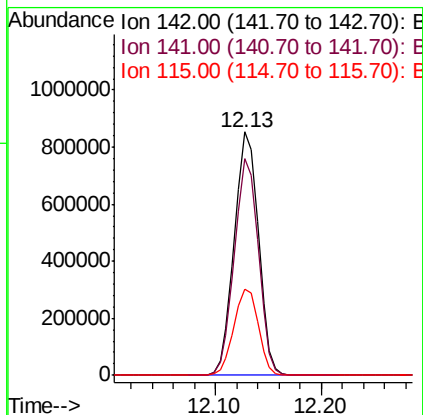
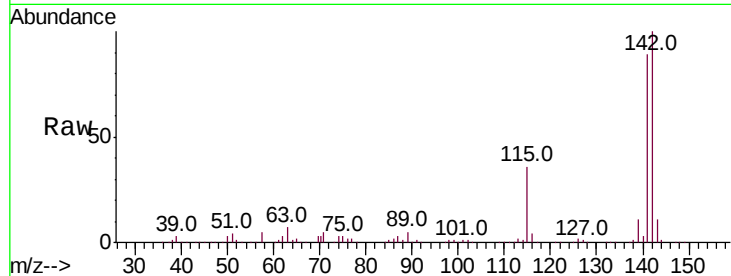




#37
 2-Methylnaphthalene
 Concen: 36.175 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

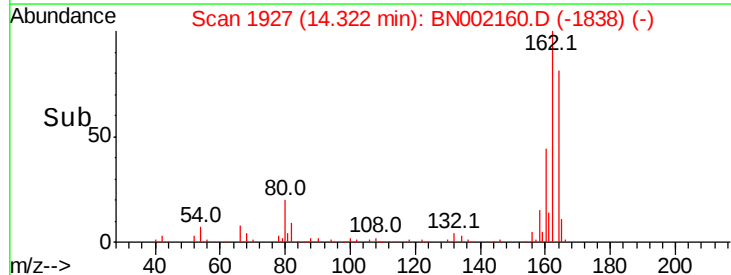
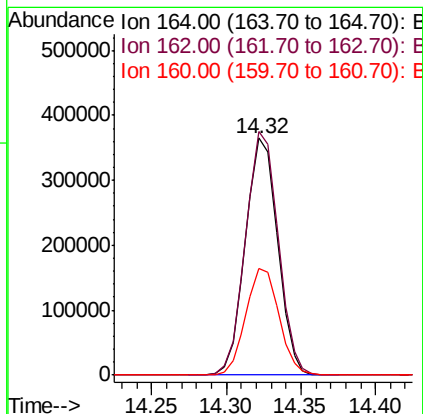
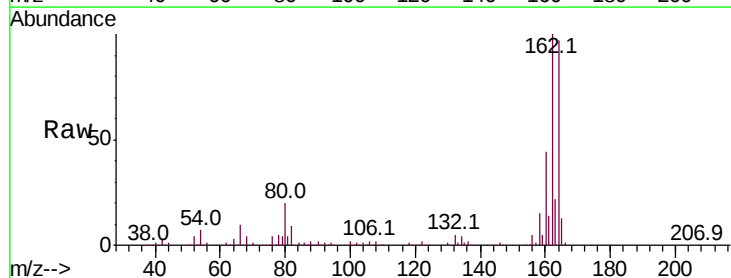
Instrument :
 BNA_N
 ClientSampleId :

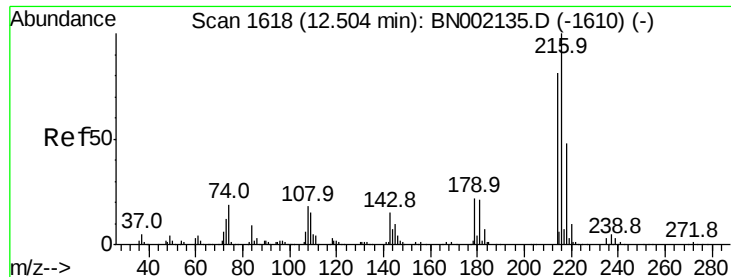
Tot Ion:142 Resp: 1348137
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.1 100.7
 115 35.6 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:164 Resp: 545302
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 45.1 35.4 53.0

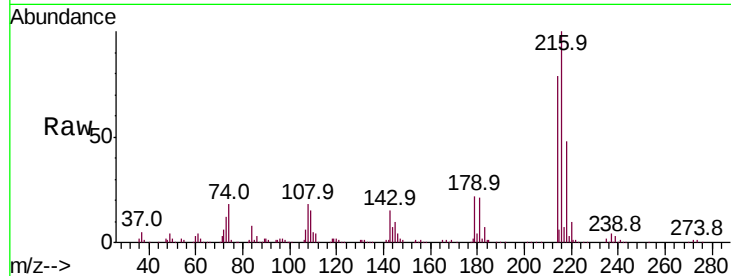




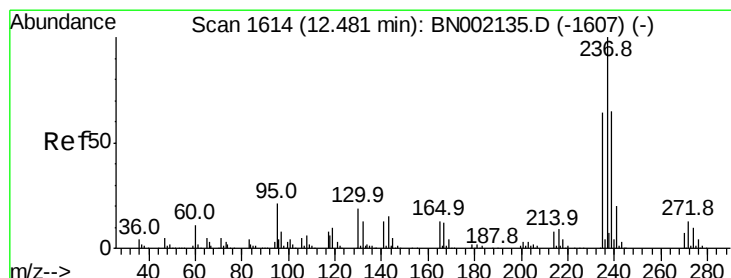
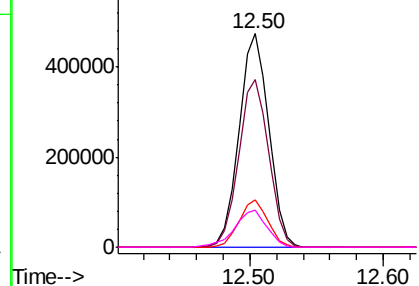
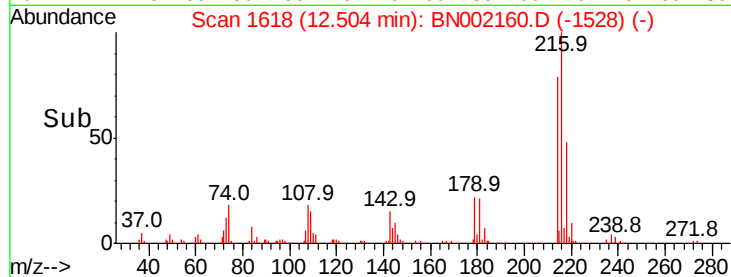
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.750 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	728844
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.7	17.0	25.6
108	19.2	12.8	19.2

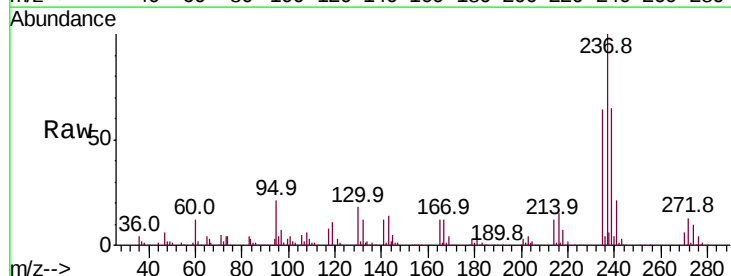


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

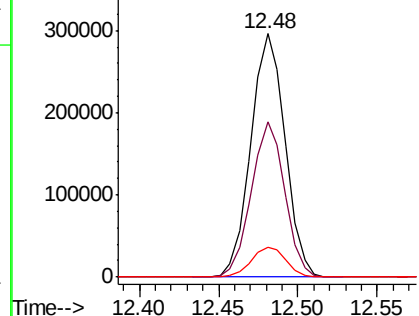
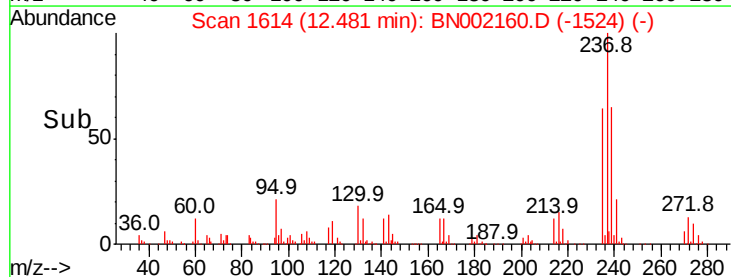


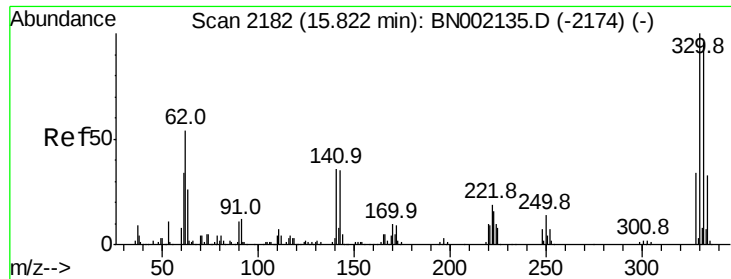
#40
 Hexachlorocyclopentadiene
 Concen: 42.942 ng
 RT: 12.48 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:	237	Resp:	444695
Ion	Ratio	Lower	Upper
237	100		
235	63.7	50.4	90.4
272	12.5	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

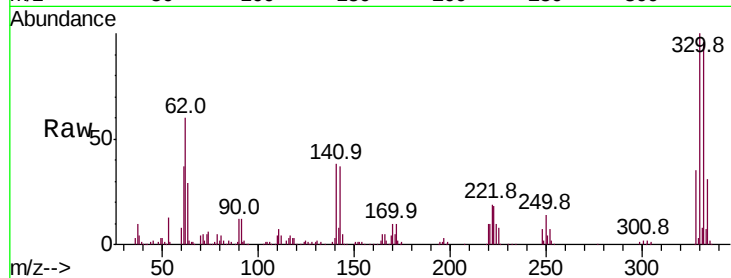




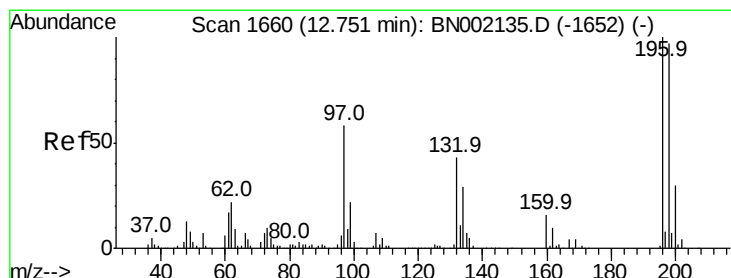
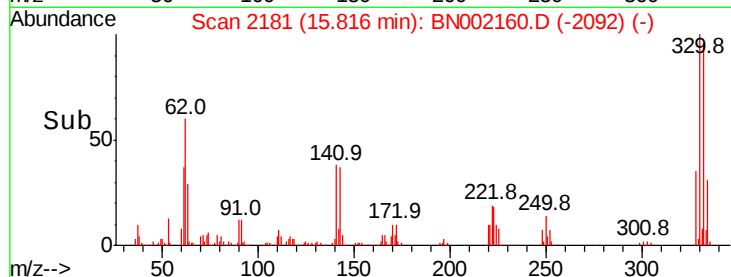
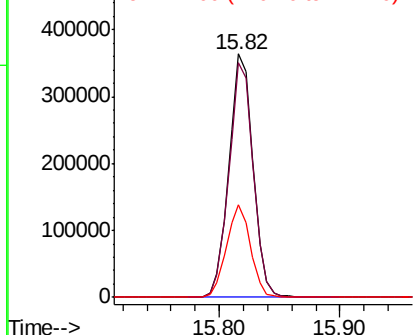
#41
 2,4,6-Tribromophenol
 Concen: 71.759 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.6	25.2	37.8

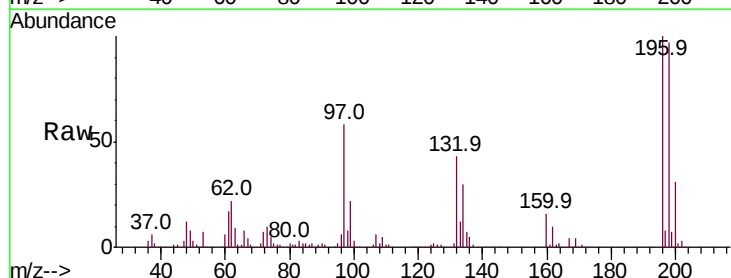


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

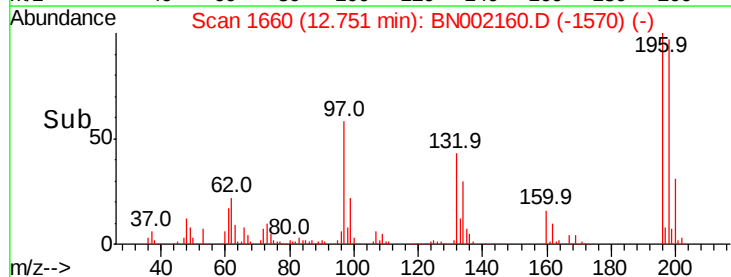
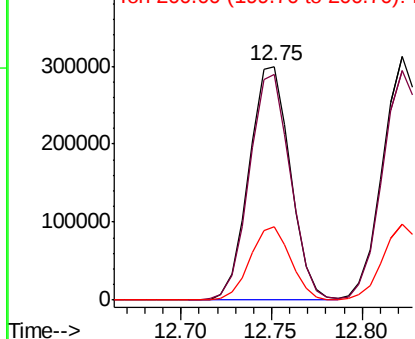


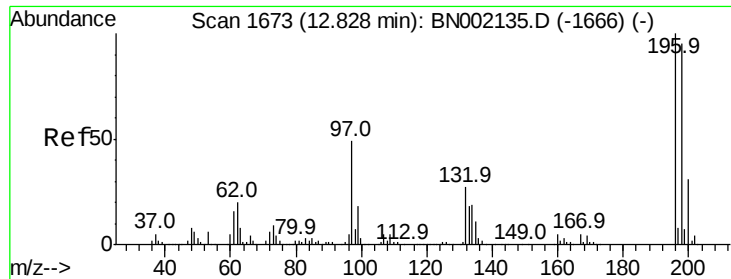
#42
 2,4,6-Trichlorophenol
 Concen: 38.547 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.2	117.2
200	31.3	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

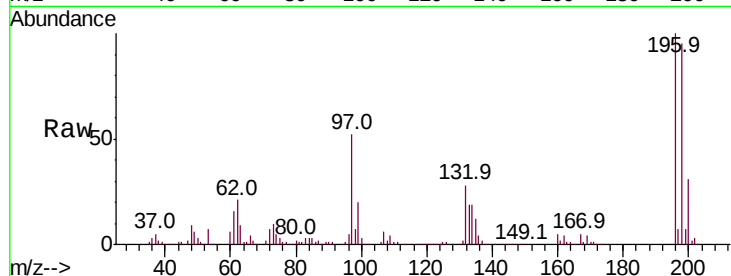




#43
 2,4,5-Trichlorophenol
 Concen: 38.011 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.4
97	51.8	38.7	58.1
132	28.4	20.2	30.2



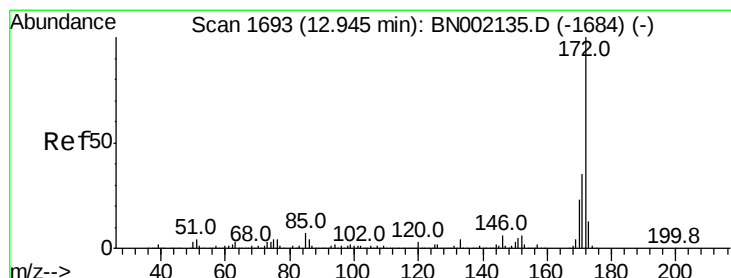
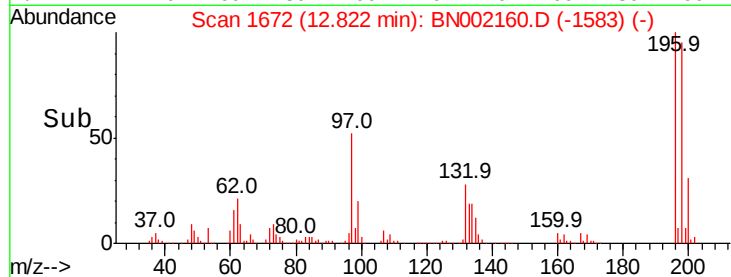
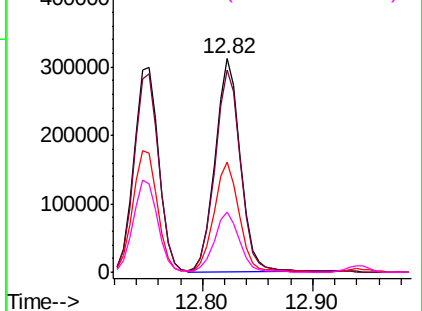
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

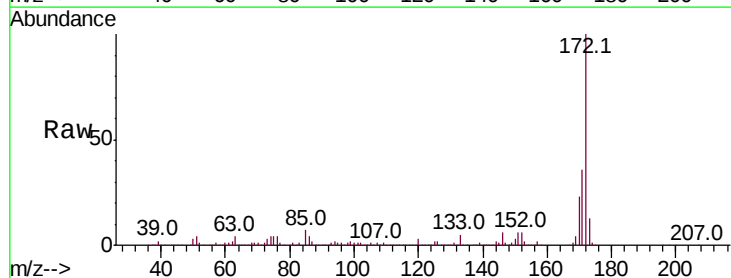
Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.182 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.3	19.5	29.3

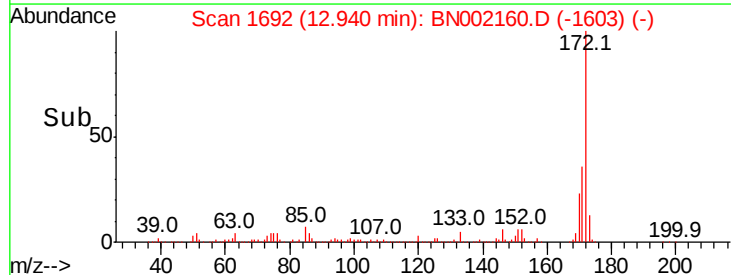
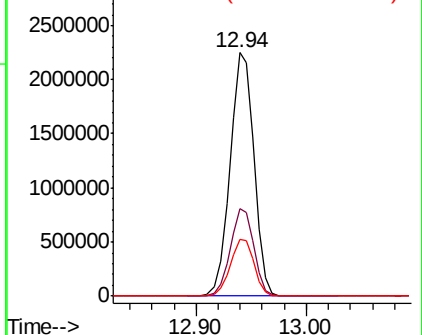


Abundance

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: 39.136 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

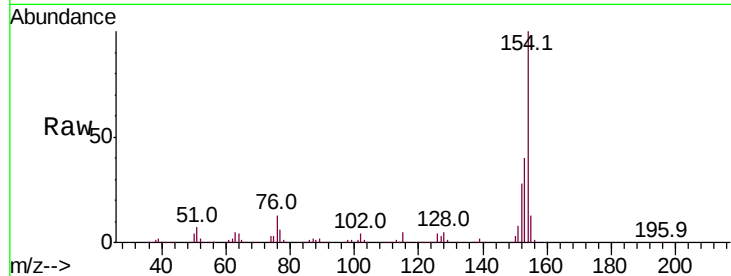
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1877918

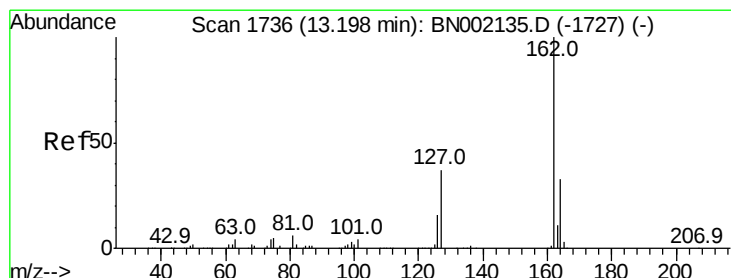
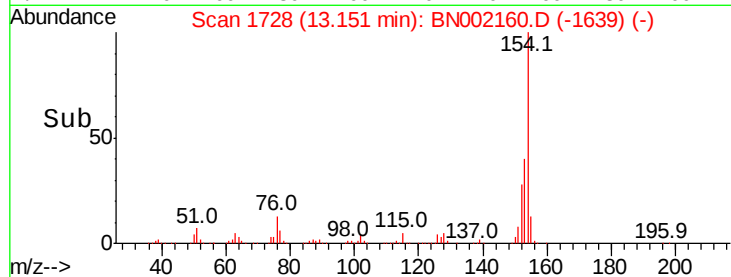
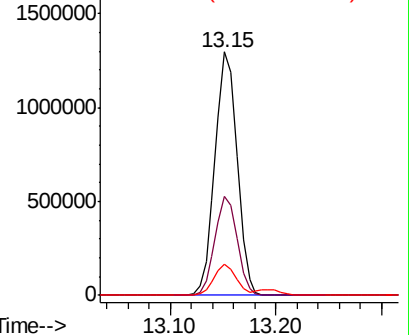
Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	12.6	0.0	31.9



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: 39.370 ng

RT: 13.19 min Scan# 1735

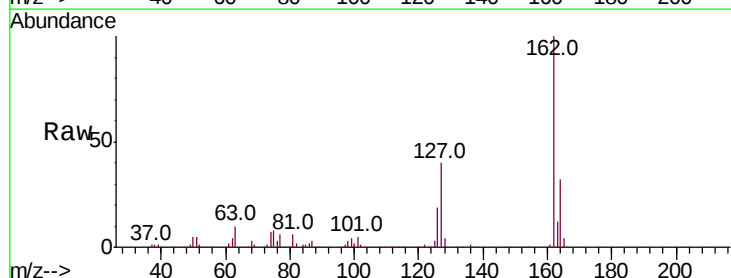
Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Tgt Ion:162 Resp: 1458202

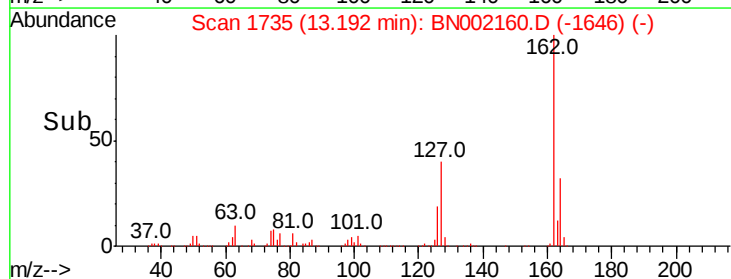
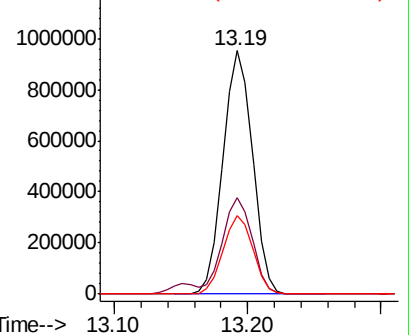
Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.7	46.1
164	32.3	26.0	39.0

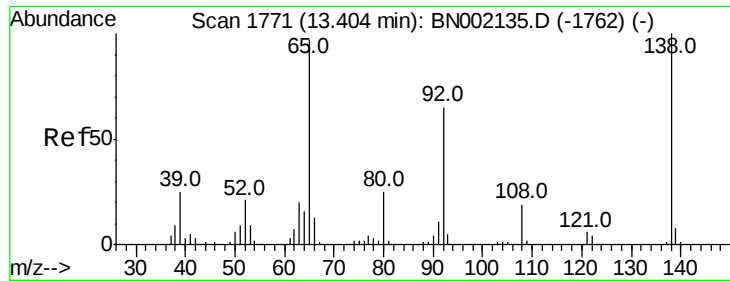


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

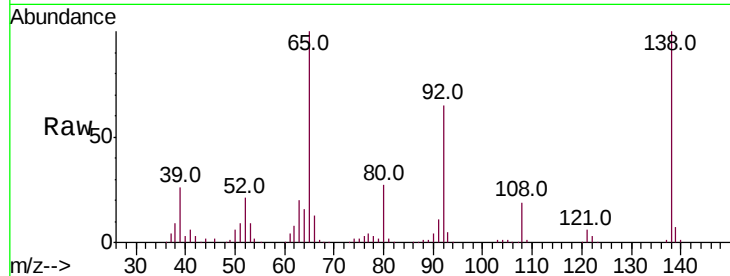




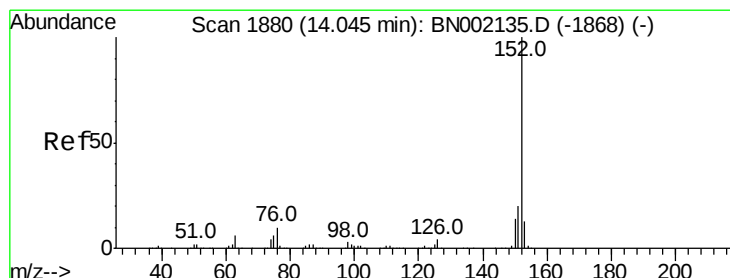
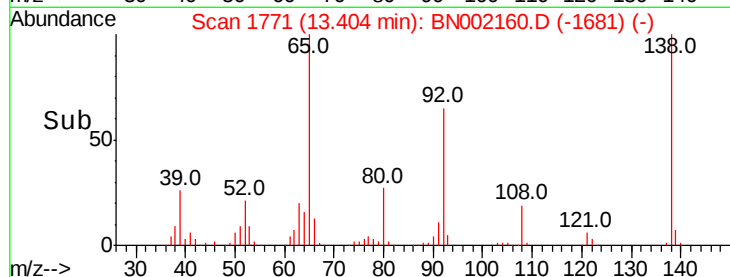
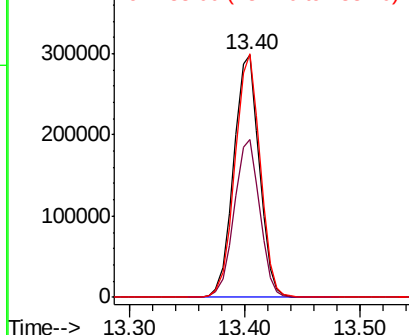
#47
2-Nitroaniline
Concen: 38.334 ng
RT: 13.40 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 456868
Ion Ratio Lower Upper
65 100
92 65.2 54.6 82.0
138 100.3 72.9 109.3

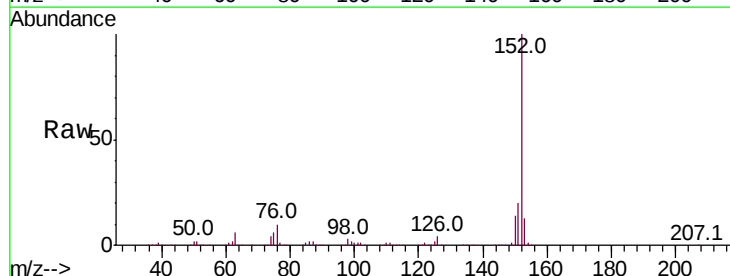


Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E

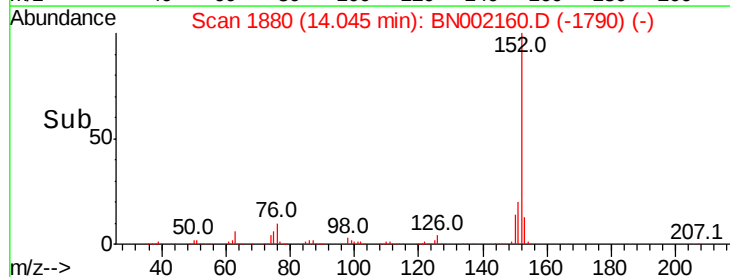
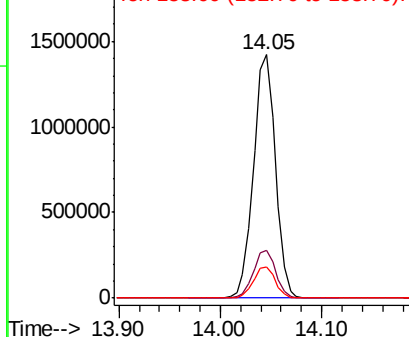


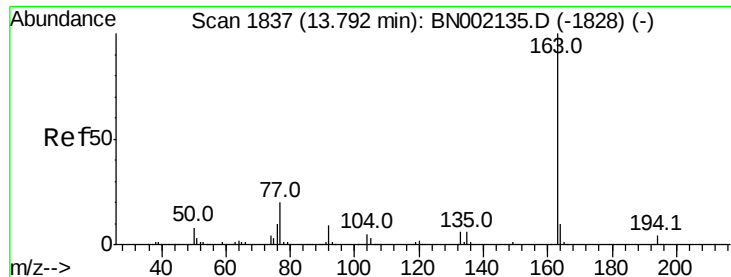
#48
Acenaphthylene
Concen: 37.933 ng
RT: 14.05 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:152 Resp: 2132043
Ion Ratio Lower Upper
152 100
151 19.7 17.2 25.8
153 12.9 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: 35.922 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

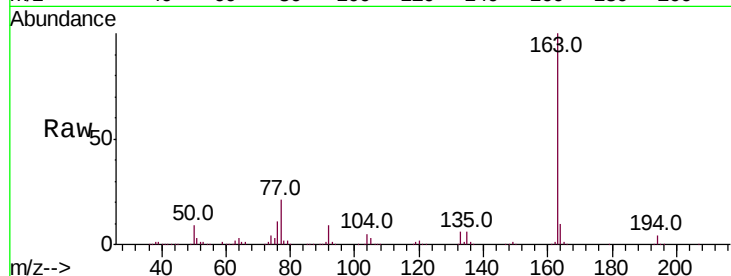
Tot Ion:163 Resp: 1627130

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

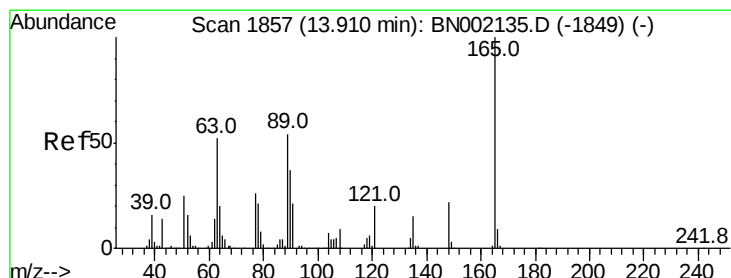
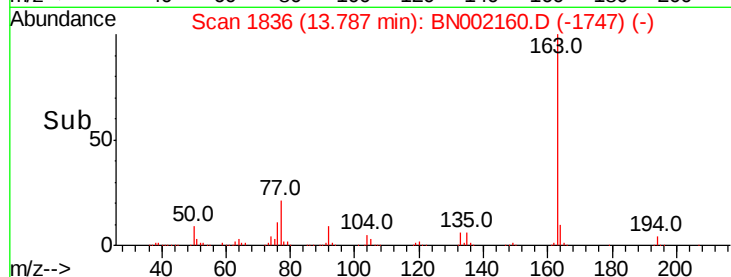
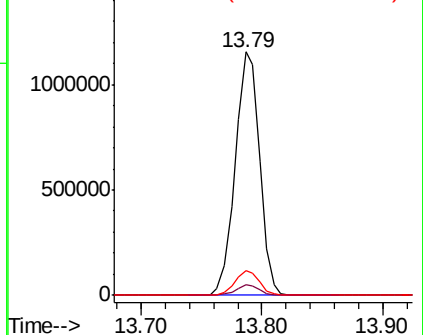
164 10.1 8.2 12.4



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: 36.668 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

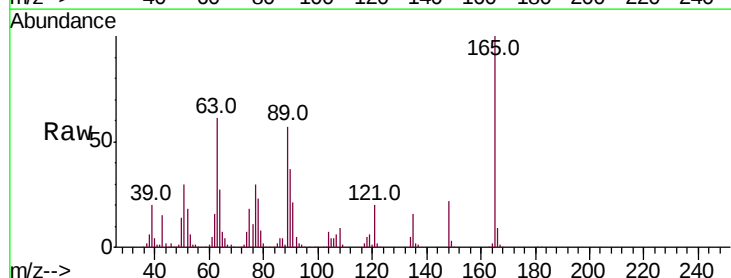
Tgt Ion:165 Resp: 368998

Ion Ratio Lower Upper

165 100

63 61.4 52.7 79.1

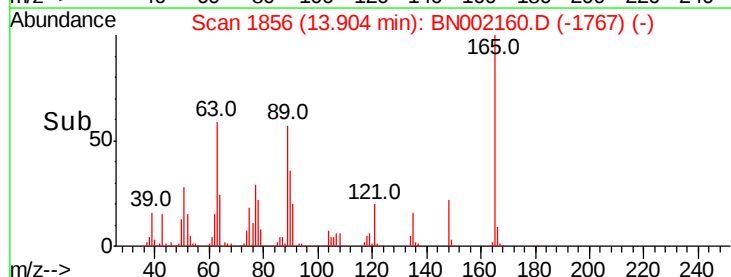
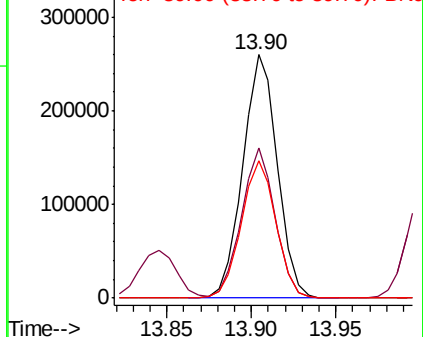
89 56.7 49.2 73.8

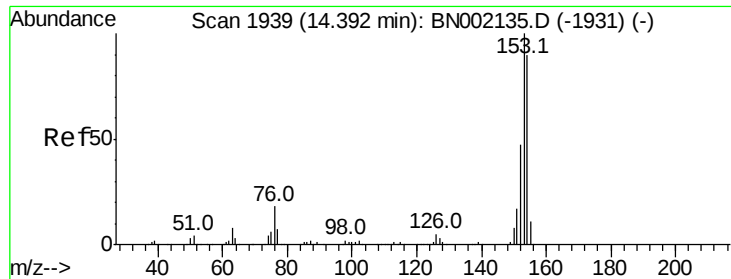


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 37.883 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

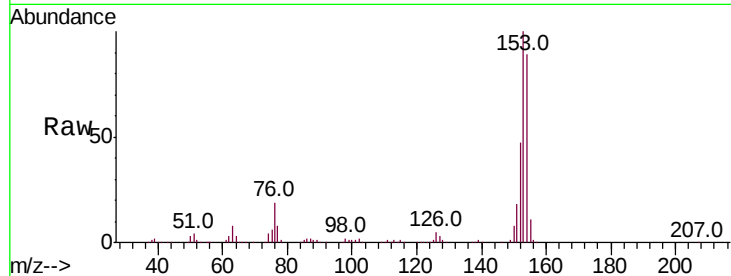
Tot Ion:154 Resp: 1282549

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

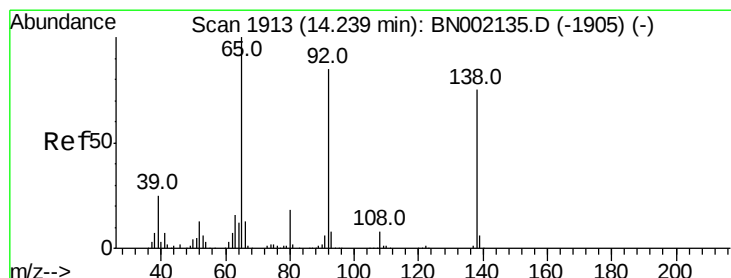
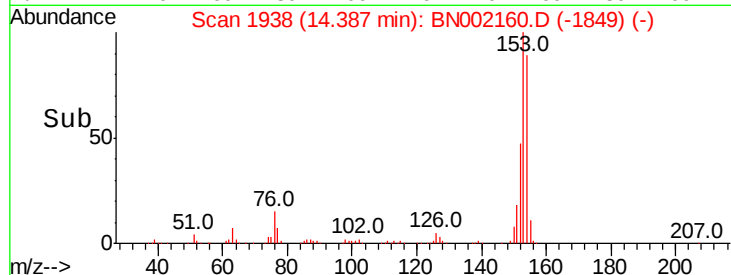
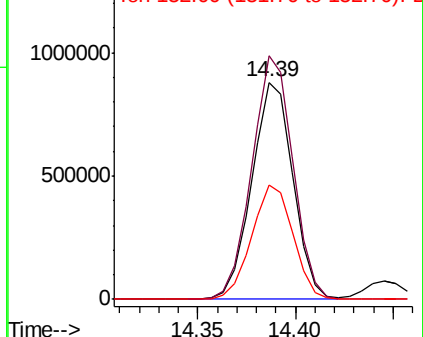
152 52.8 41.6 62.4



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: 36.688 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

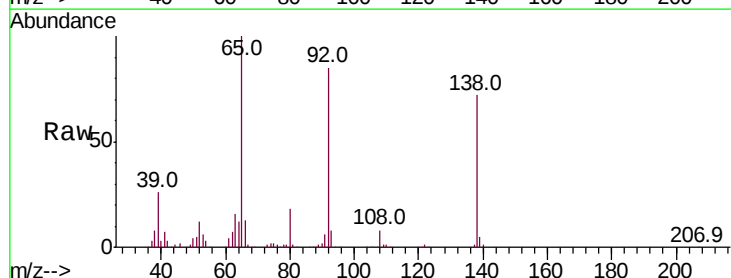
Tgt Ion:138 Resp: 400028

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

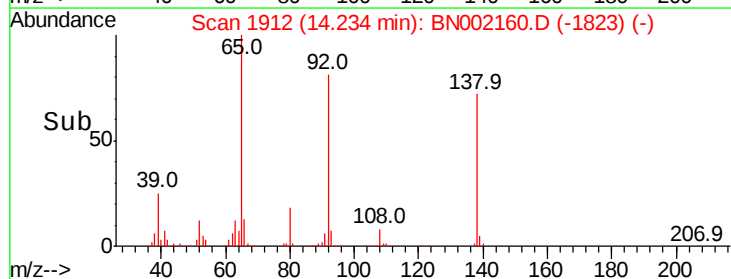
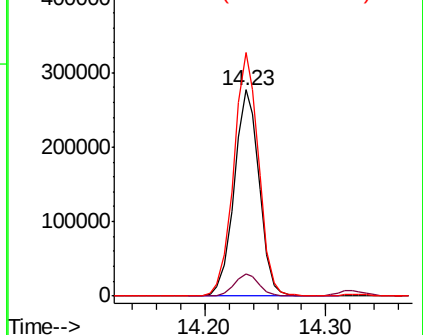
92 118.1 105.8 158.8

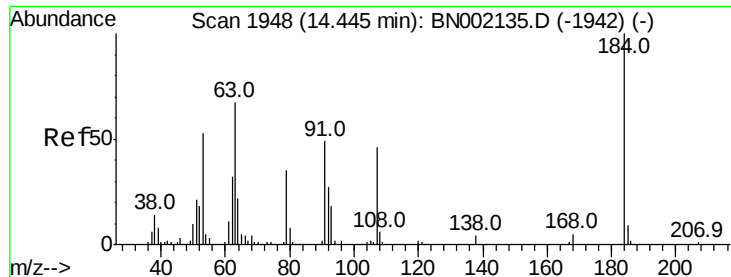


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO

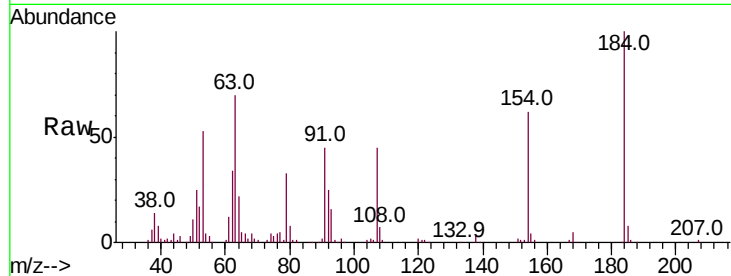




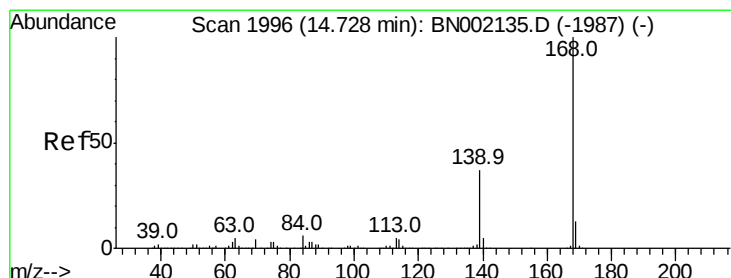
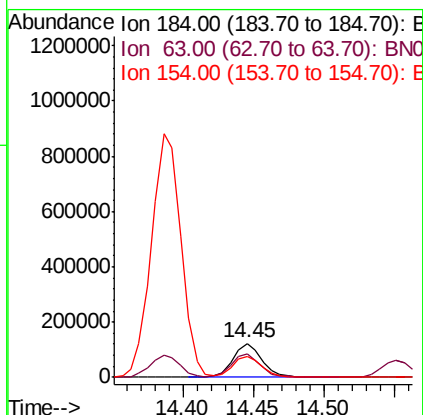
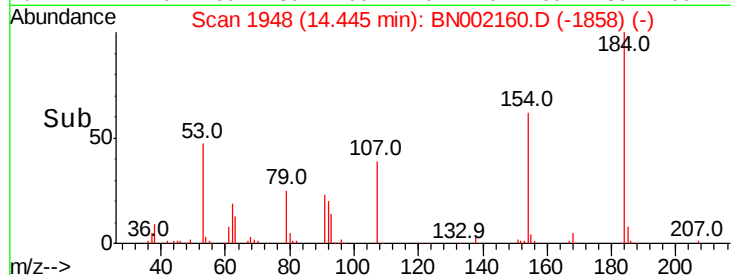
#53
2,4-Dinitrophenol
Concen: 32.727 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampled :

Tot Ion:184 Resp: 174385
Ion Ratio Lower Upper
184 100
63 69.9 56.0 84.0
154 62.0 48.0 72.0

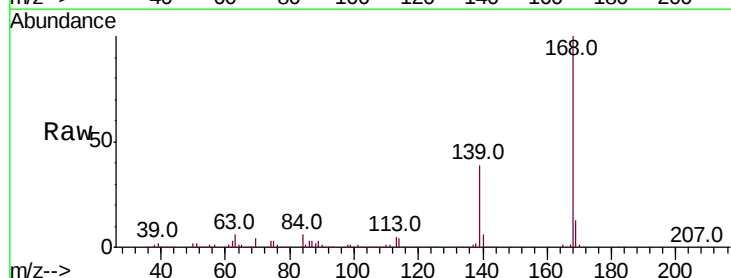


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

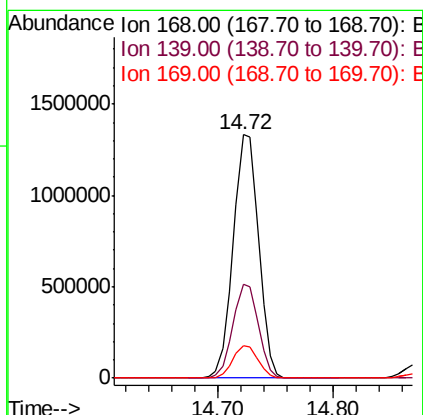
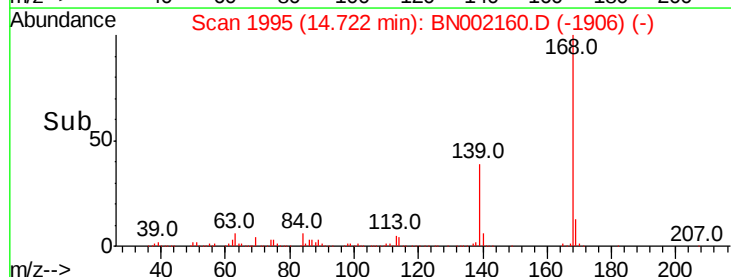


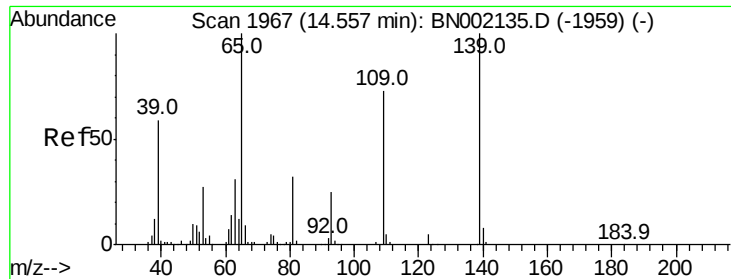
#54
Dibenzofuran
Concen: 37.037 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:168 Resp: 2033015
Ion Ratio Lower Upper
168 100
139 38.6 28.6 43.0
169 13.2 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

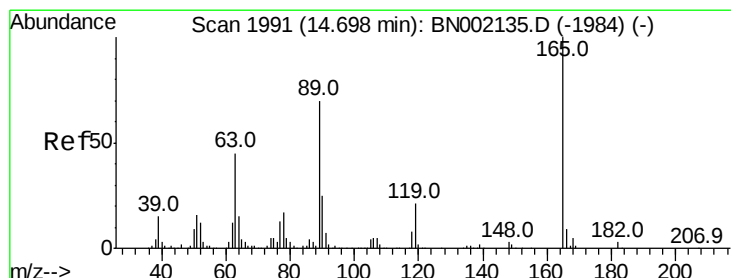
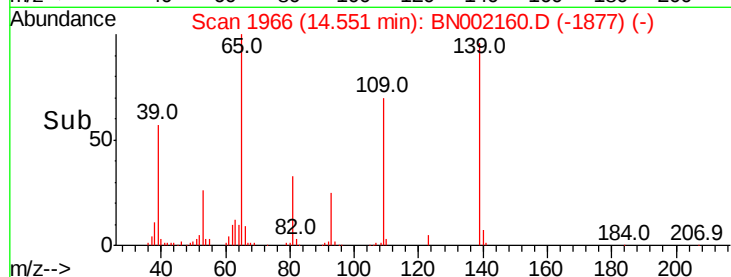
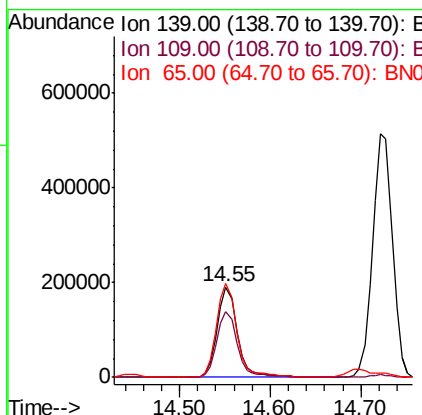
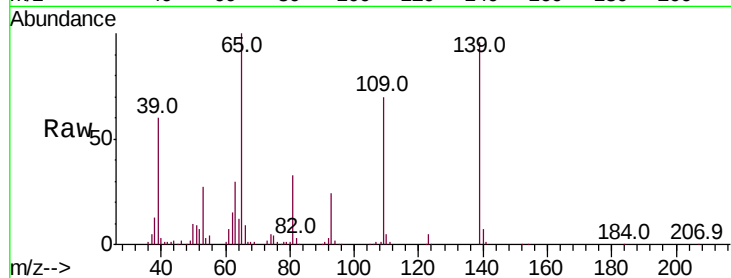




#55
4-Nitrophenol
Concen: 35.561 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

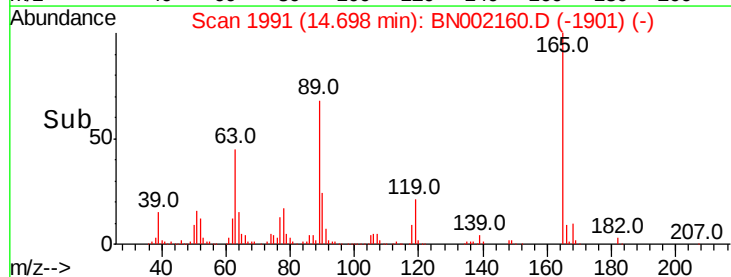
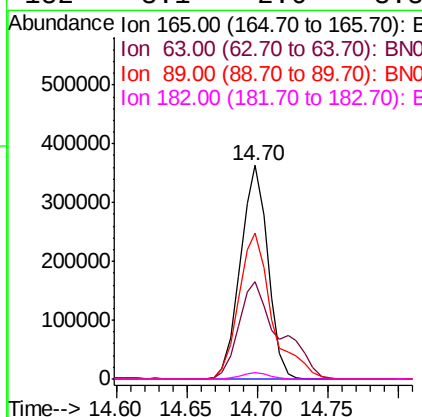
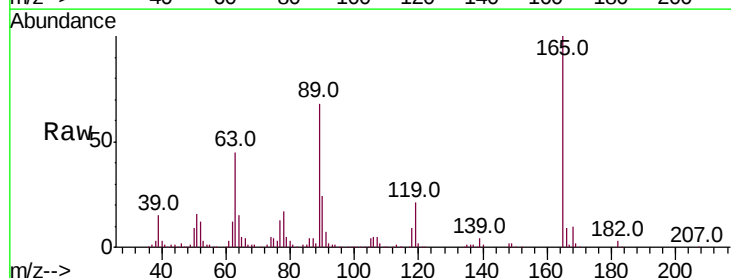
Instrument :
BNA_N
ClientSampleId :

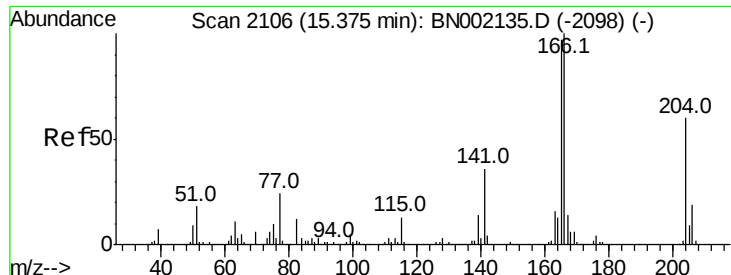
Tot Ion:139 Resp: 297679
Ion Ratio Lower Upper
139 100
109 73.1 62.2 102.2
65 104.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 36.030 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:165 Resp: 492092
Ion Ratio Lower Upper
165 100
63 45.3 42.0 63.0
89 68.1 66.9 100.3
182 3.1 2.6 3.8

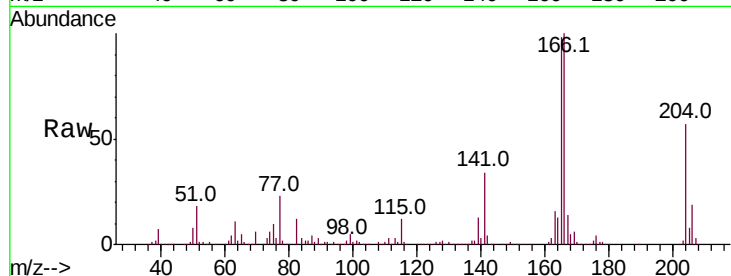




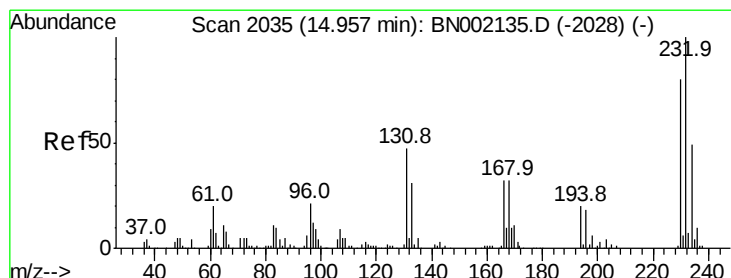
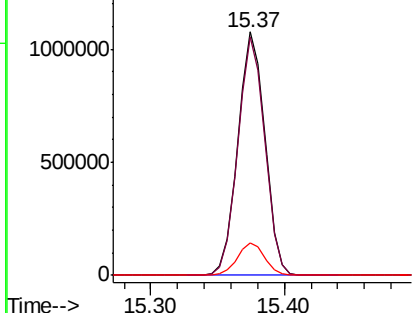
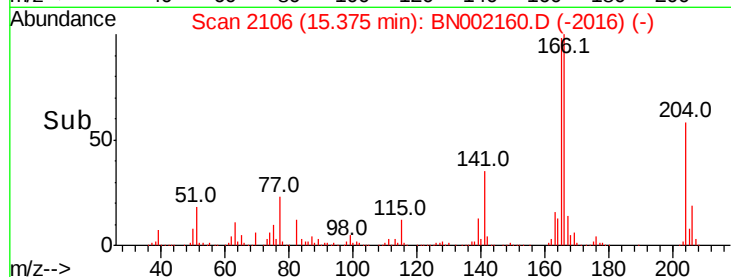
#57
 Fluorene
 Concen: 36.348 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:166 Resp: 1503825
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.6 121.0
 167 13.5 10.4 15.6

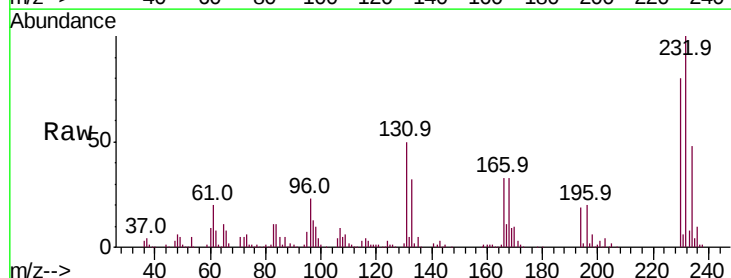


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

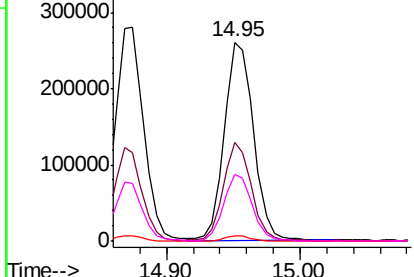
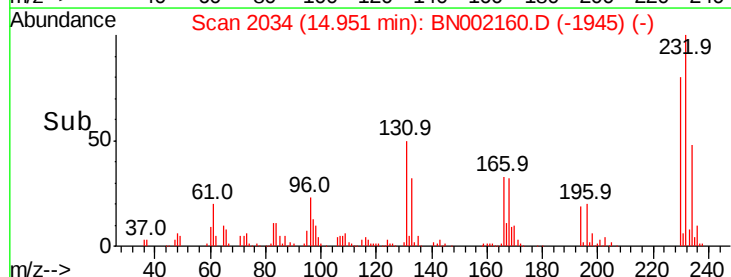


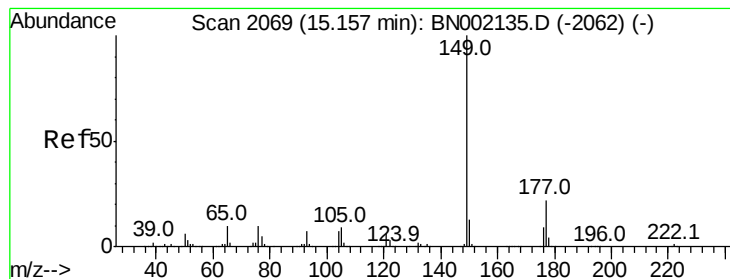
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.642 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:232 Resp: 399451
 Ion Ratio Lower Upper
 232 100
 131 47.9 33.5 50.3
 130 2.4 2.2 3.2
 166 33.2 24.8 37.2



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





#59

Diethylphthalate

Concen: 35.125 ng

RT: 15.16 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

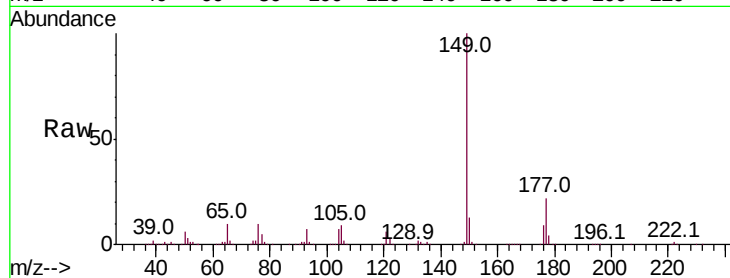
Tot Ion:149 Resp: 1619398

Ion Ratio Lower Upper

149 100

177 22.4 18.5 27.7

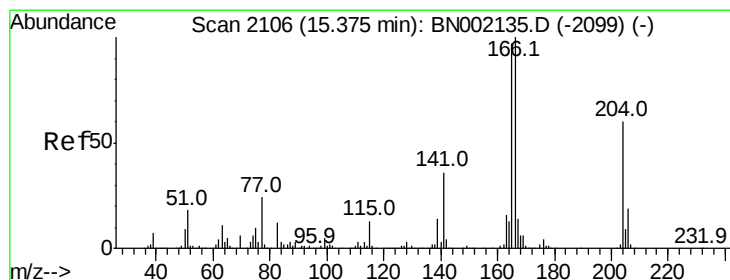
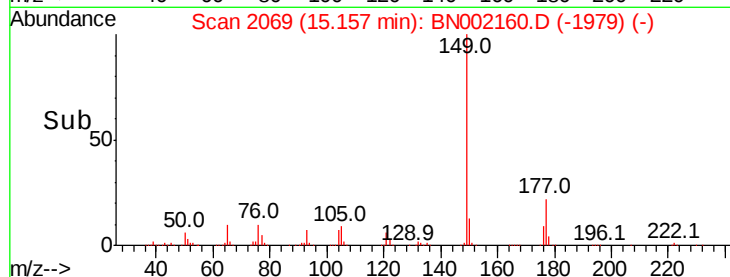
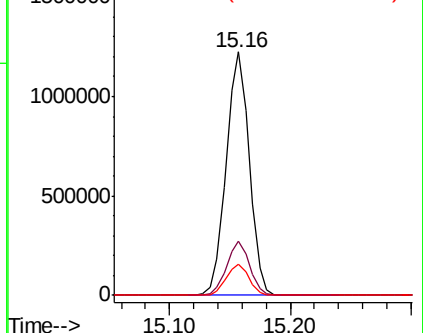
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.757 ng

RT: 15.37 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

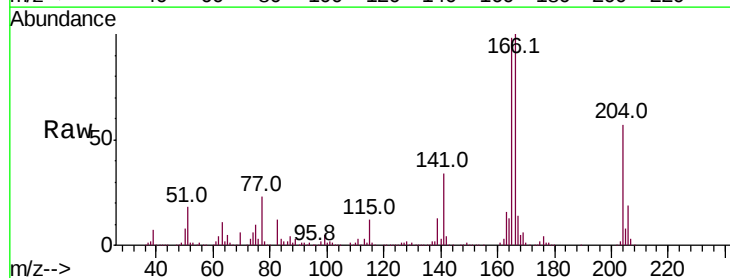
Tgt Ion:204 Resp: 841495

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

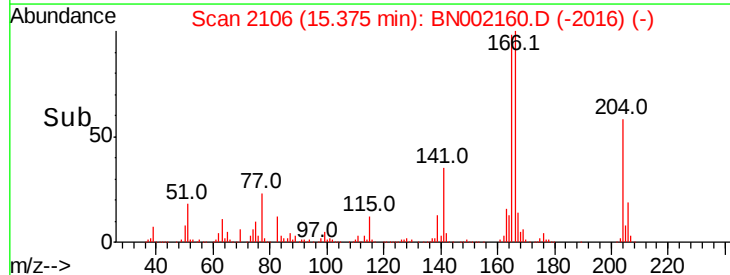
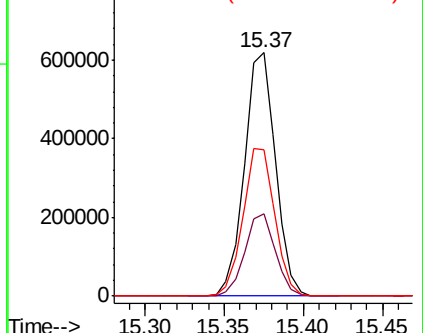
141 60.0 45.8 68.6

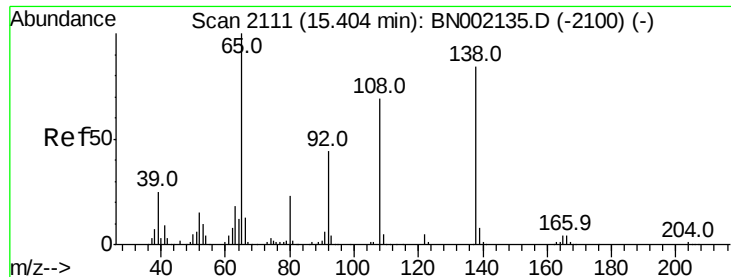


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

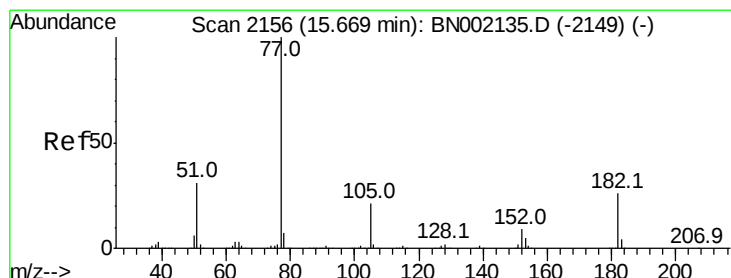
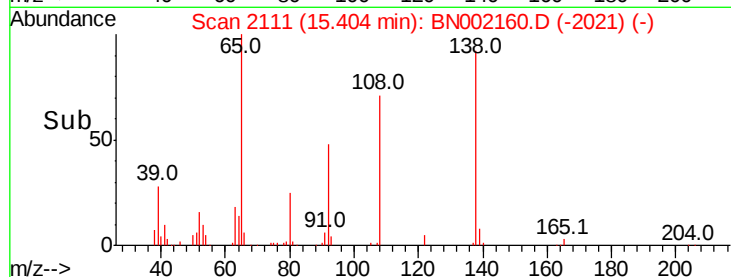
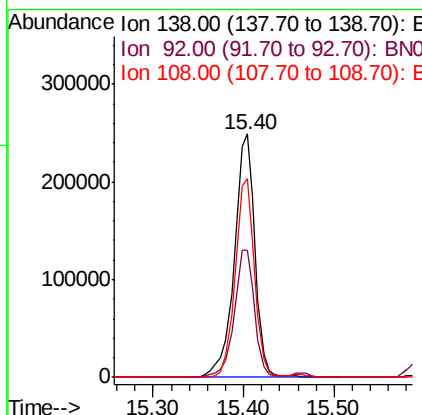
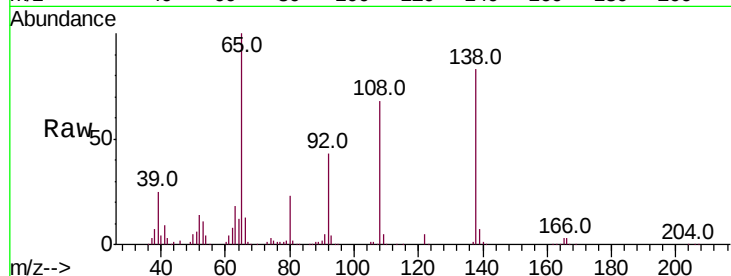




#61
4-Nitroaniline
Concen: 35.815 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

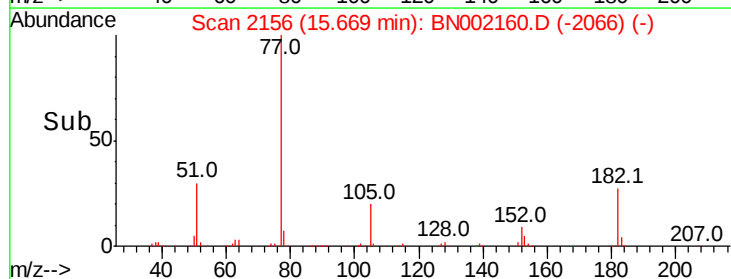
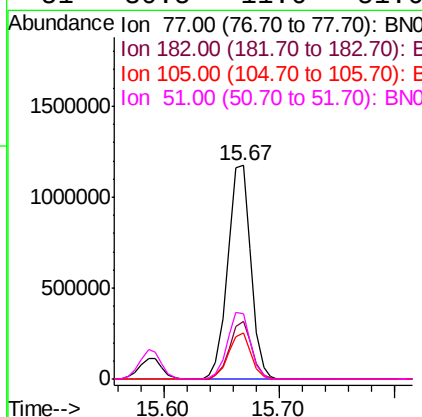
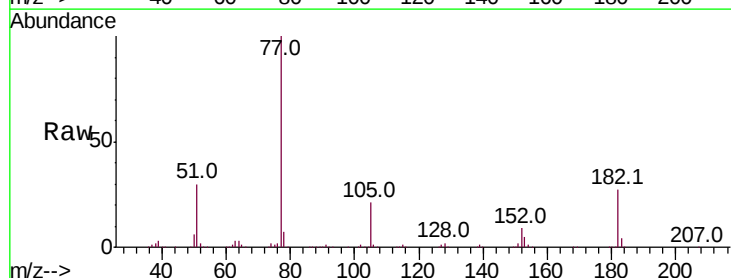
Instrument :
BNA_N
ClientSampleId :

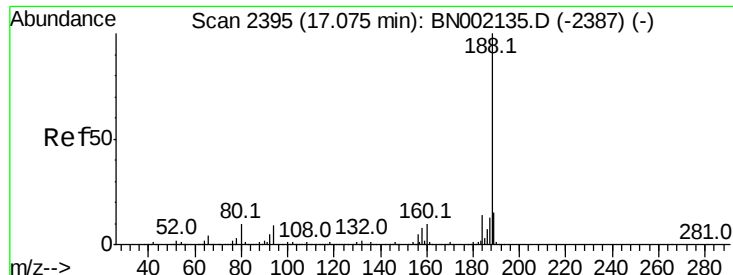
Tot Ion:138 Resp: 398083
Ion Ratio Lower Upper
138 100
92 52.5 40.1 80.1
108 81.9 65.4 105.4



#62
Azobenzene
Concen: 36.641 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion: 77 Resp: 1620941
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 21.3 0.3 40.3
51 30.5 11.6 51.6

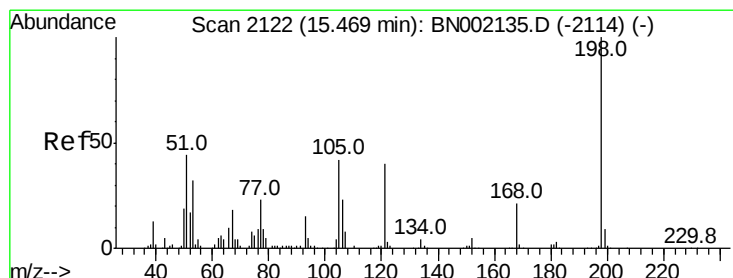
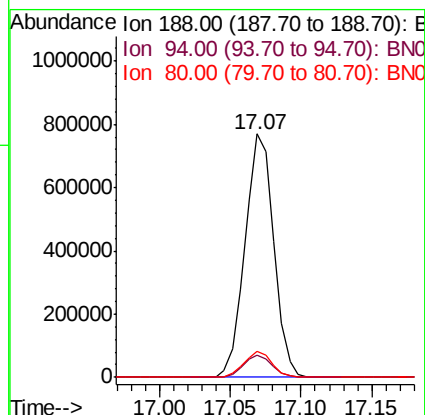
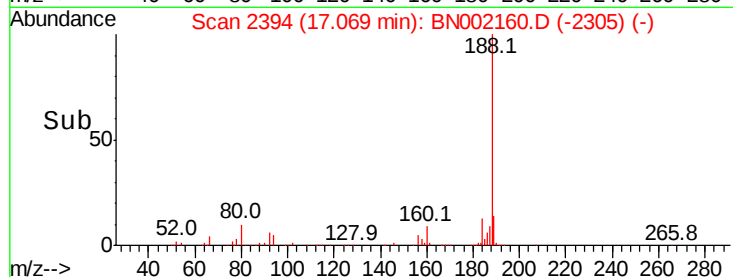
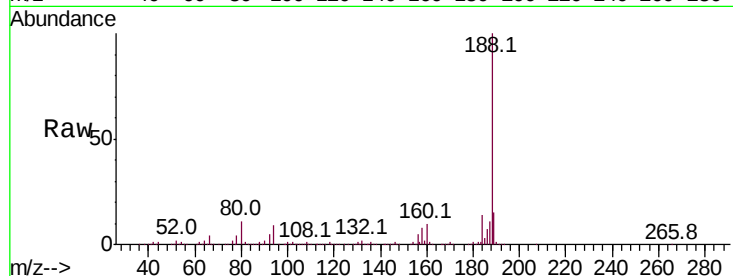




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

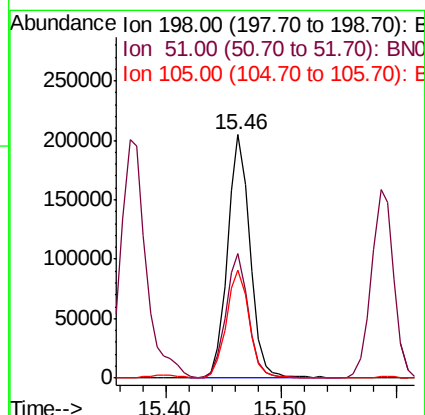
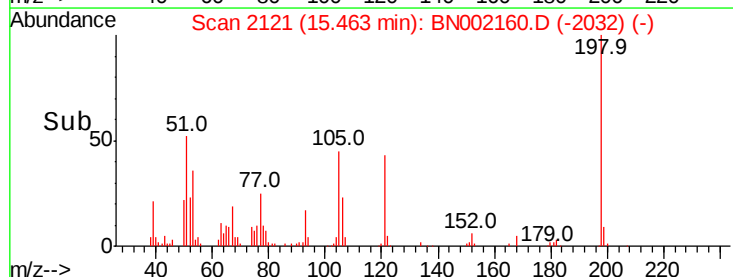
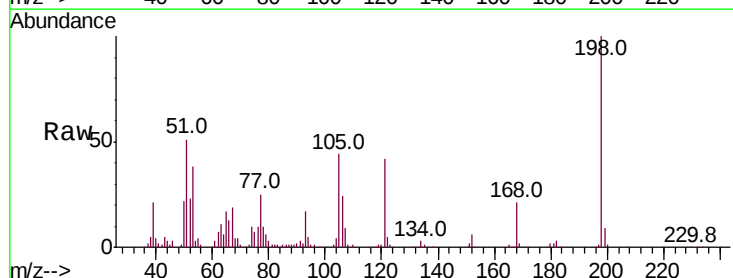
Instrument :
BNA_N
ClientSampleId :

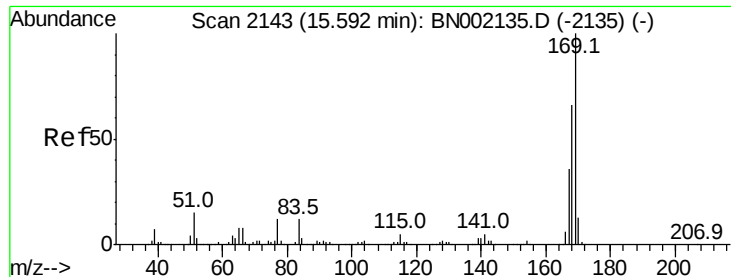
Tot Ion:188 Resp: 1095276
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.6 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 37.393 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:198 Resp: 276507
Ion Ratio Lower Upper
198 100
51 51.0 30.6 70.6
105 44.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.413 ng

RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

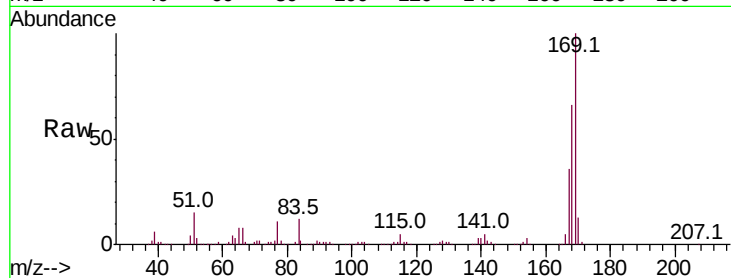
Tot Ion:169 Resp: 1396096

Ion Ratio Lower Upper

169 100

168 66.2 55.7 83.5

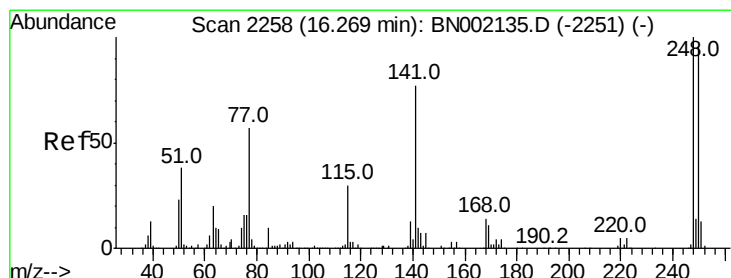
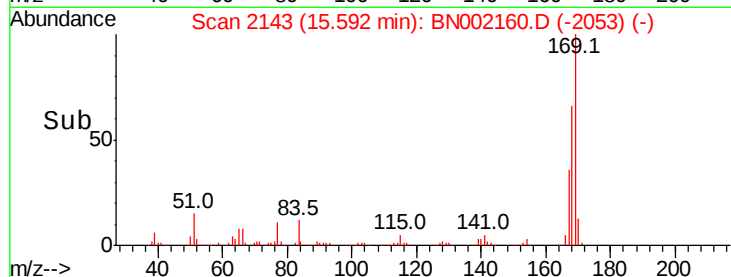
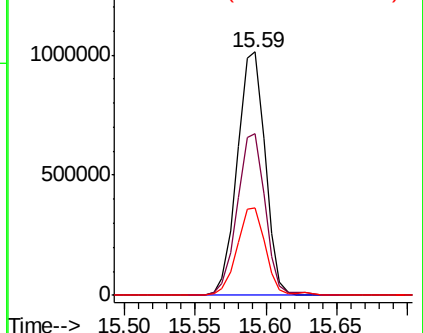
167 35.7 30.1 45.1



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: 38.659 ng

RT: 16.27 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

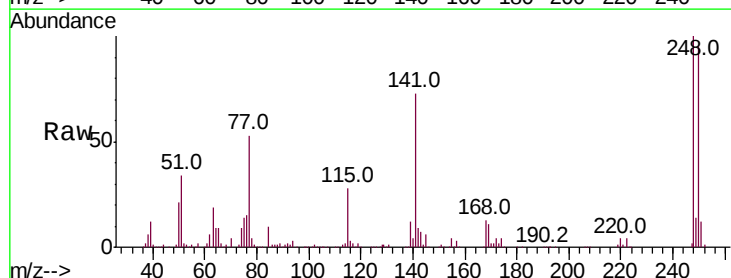
Tgt Ion:248 Resp: 495686

Ion Ratio Lower Upper

248 100

250 94.6 77.1 115.7

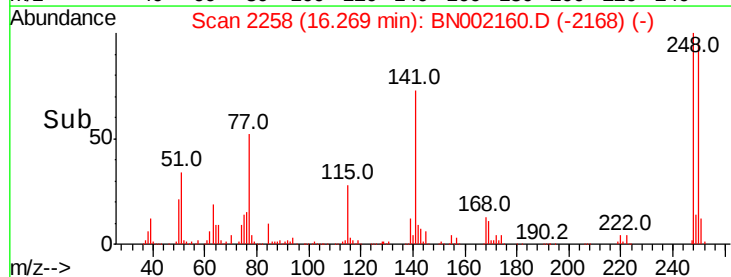
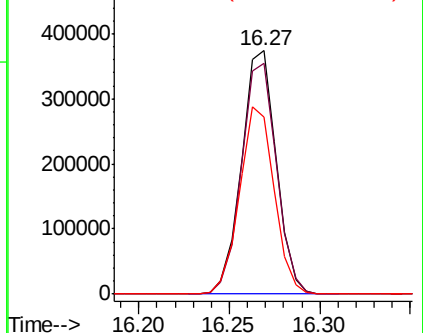
141 72.9 50.8 76.2

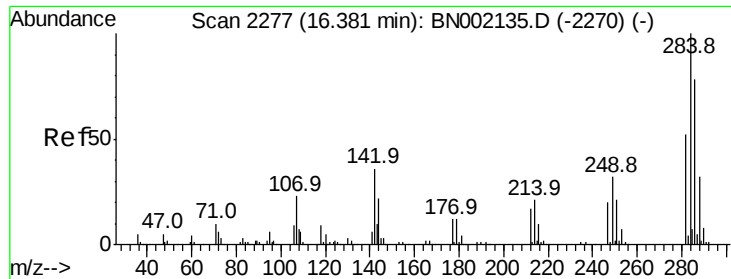


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

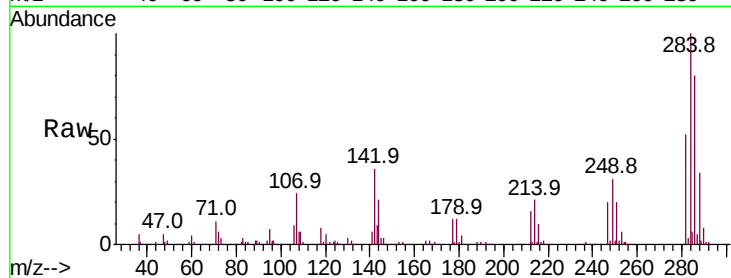




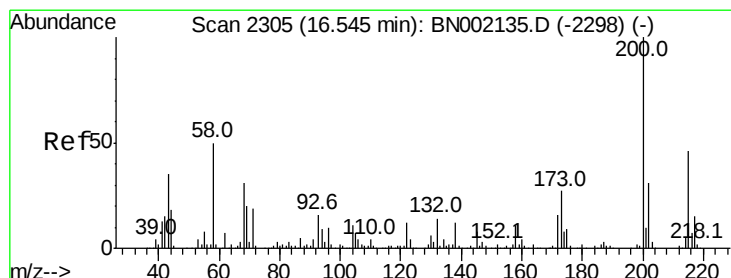
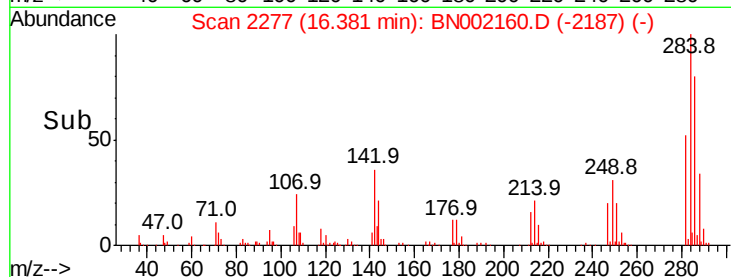
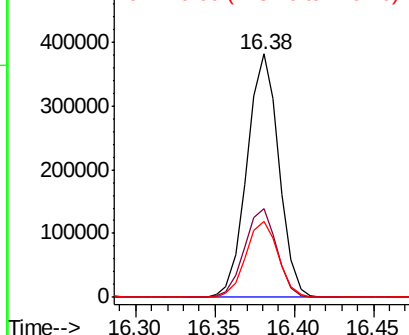
#67
Hexachlorobenzene
Concen: 37.546 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 532488
Ion Ratio Lower Upper
284 100
142 36.2 26.8 40.2
249 31.4 26.3 39.5

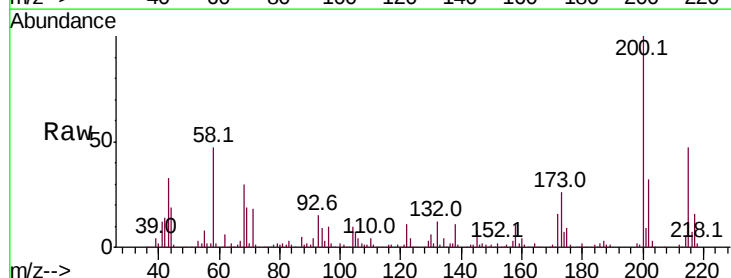


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

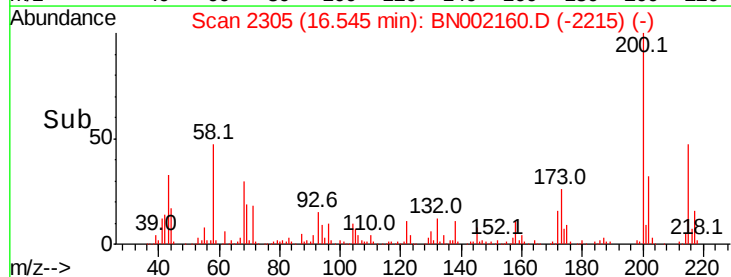
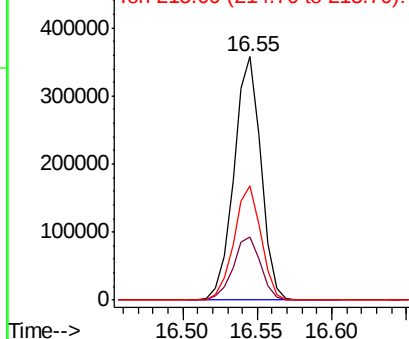


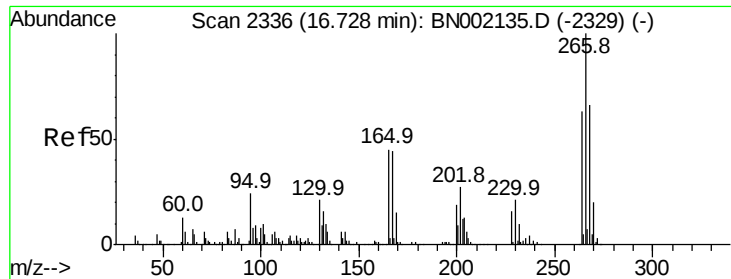
#68
Atrazine
Concen: 36.943 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:200 Resp: 452045
Ion Ratio Lower Upper
200 100
173 25.9 5.2 45.2
215 46.9 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

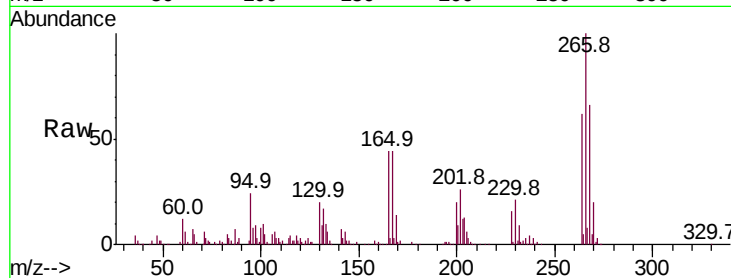




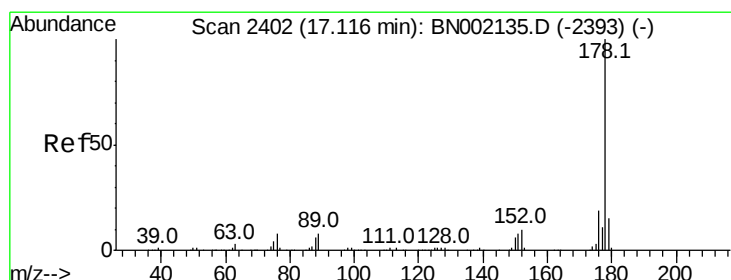
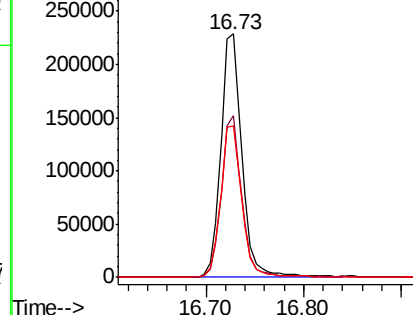
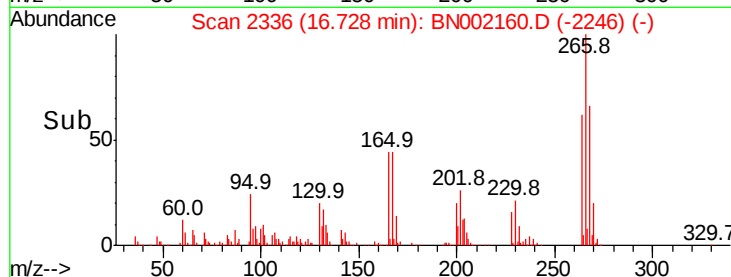
#69
 Pentachlorophenol
 Concen: 37.646 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 343675
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 62.1 49.6 74.4

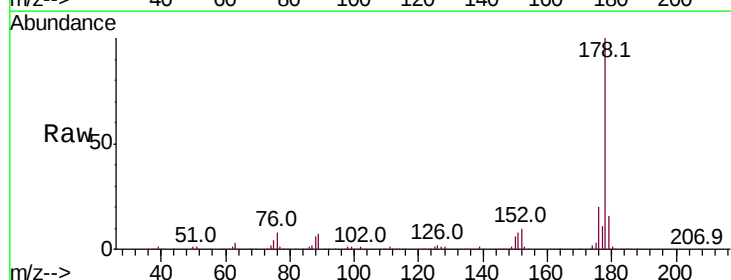


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

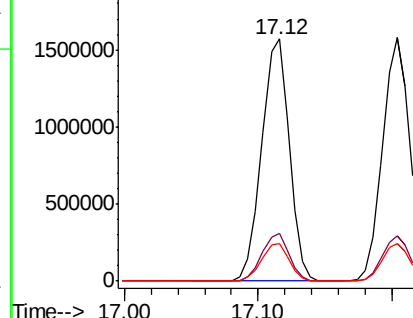
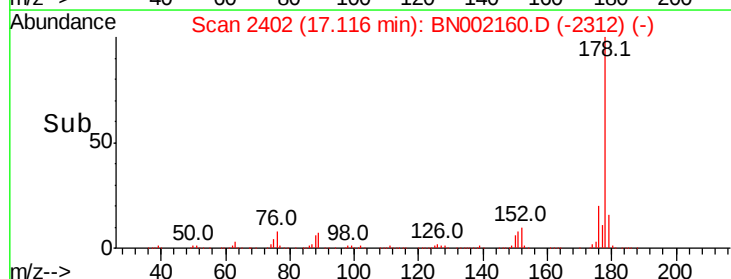


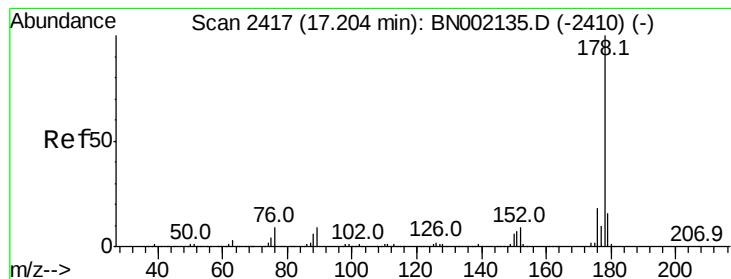
#70
 Phenanthrene
 Concen: 37.474 ng
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:178 Resp: 2240382
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.6 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: 37.748 ng

RT: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

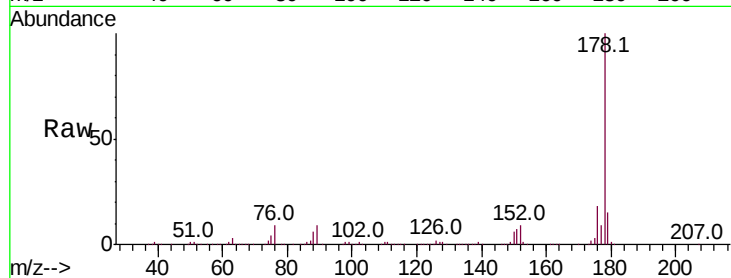
Tot Ion:178 Resp: 2233662

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	15.4	12.5	18.7

178 100

176 18.3 16.0 24.0

179 15.4 12.5 18.7

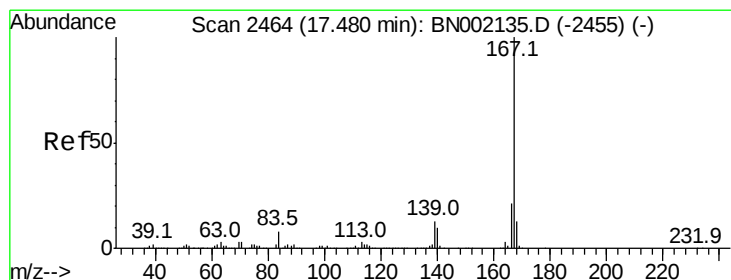
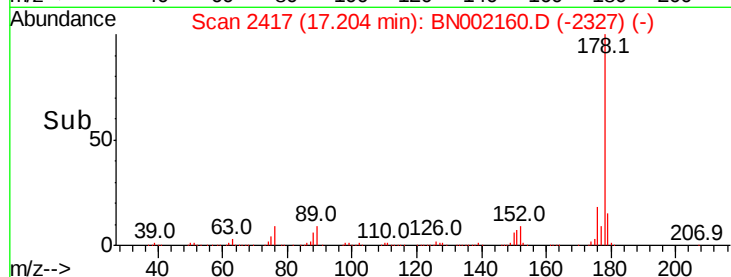
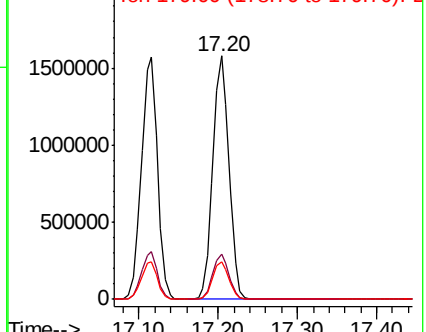


Abundance

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: 37.040 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

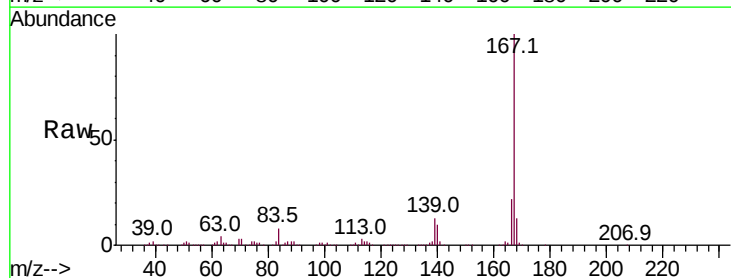
Tgt Ion:167 Resp: 2199249

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.4	9.4	14.2

167 100

166 21.6 18.2 27.4

139 13.4 9.4 14.2

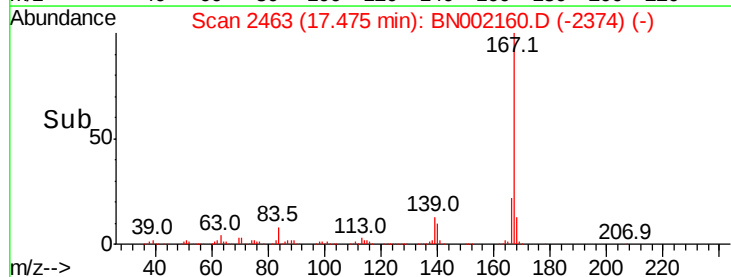
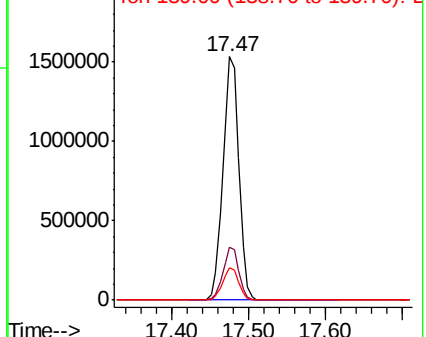


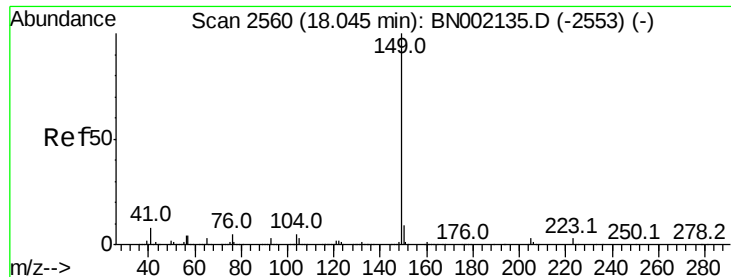
Abundance

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

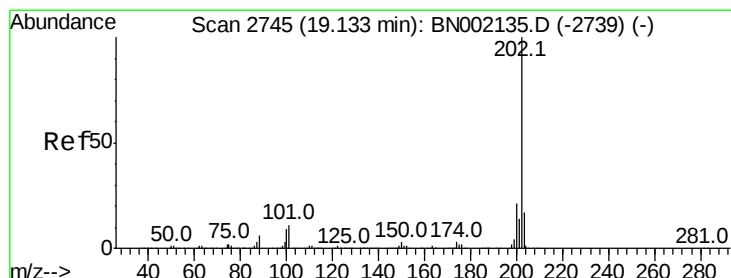
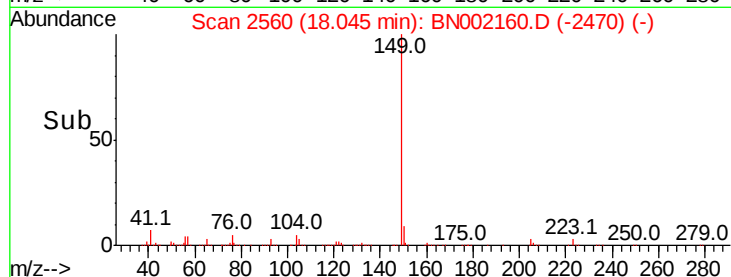
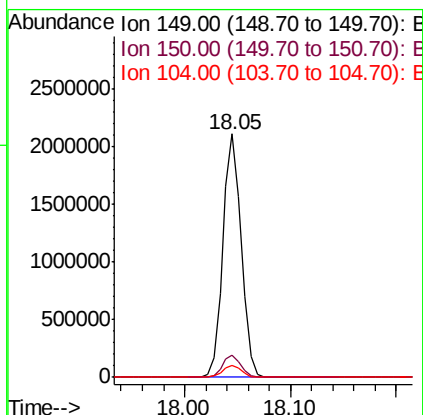
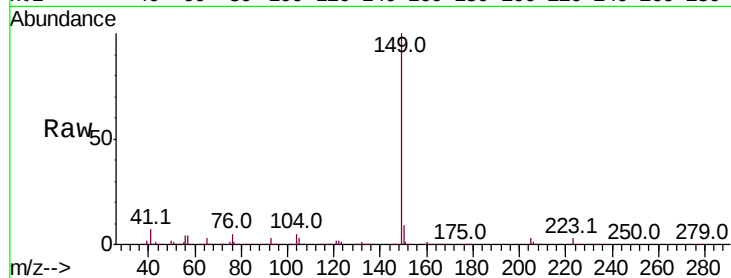




#73
Di-n-butylphthalate
Concen: 36.679 ng
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

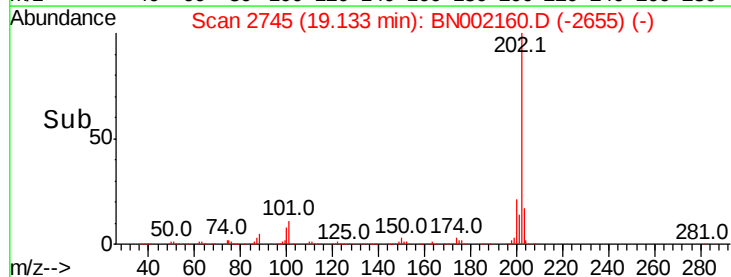
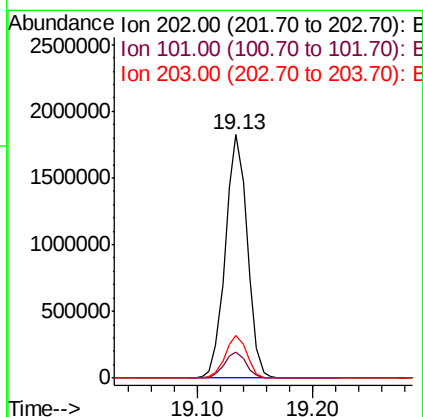
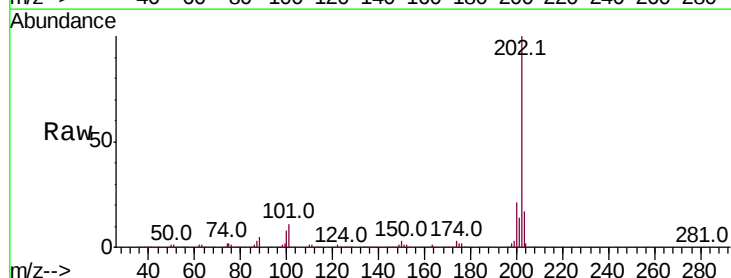
Instrument :
BNA_N
ClientSampled :

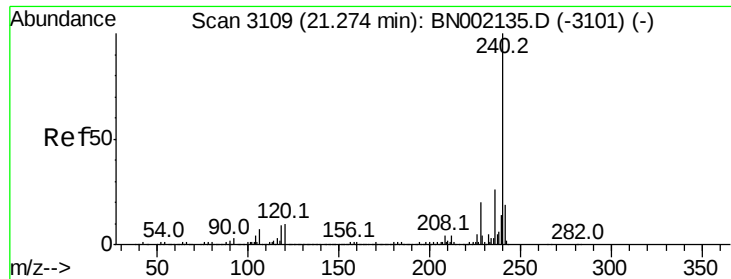
Tot Ion:149 Resp: 2540393
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 36.797 ng
RT: 19.13 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:202 Resp: 2388489
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.9
203 17.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

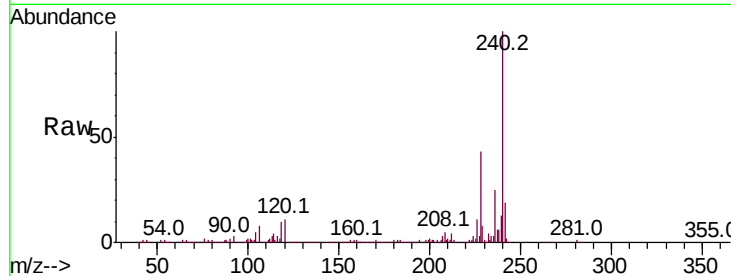
Tot Ion:240 Resp: 994881

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

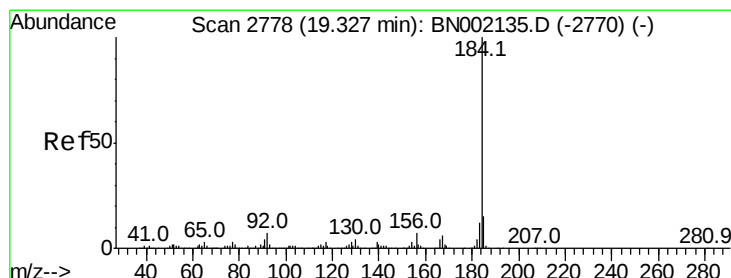
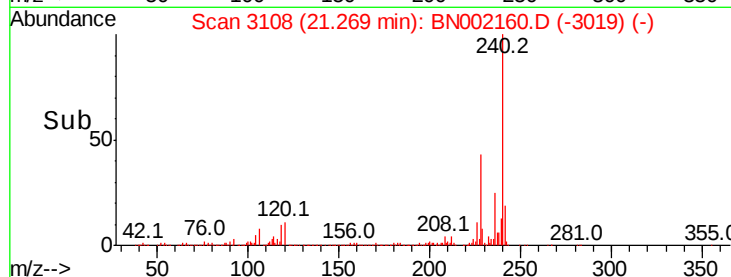
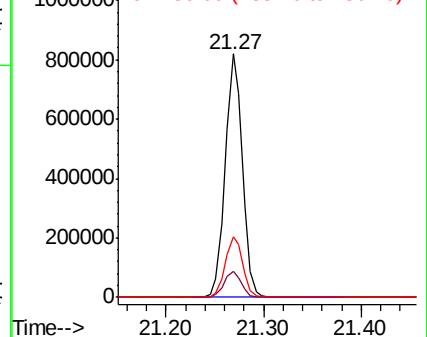
236 24.9 20.9 31.3



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: 37.745 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

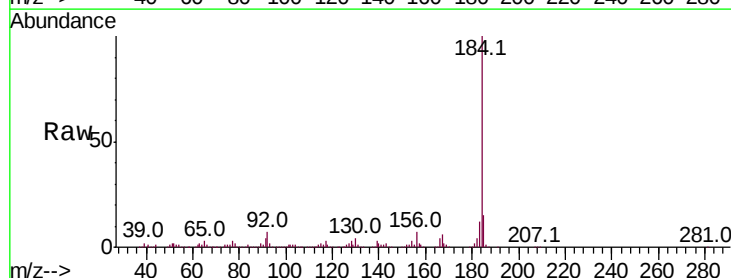
Tgt Ion:184 Resp: 1224744

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

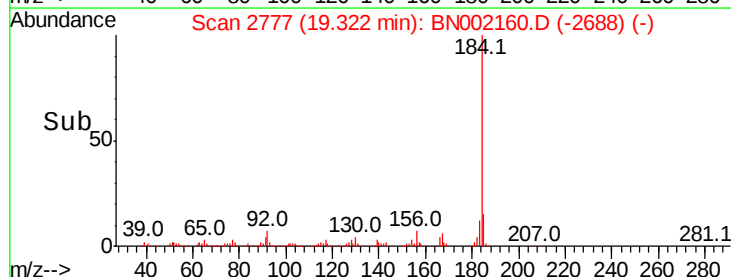
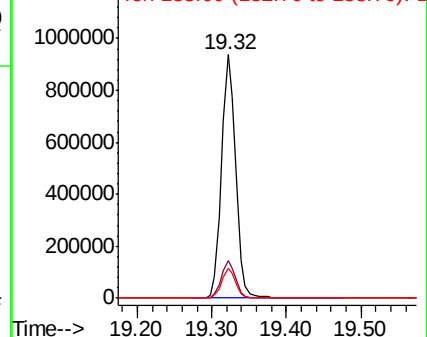
183 12.2 10.6 16.0

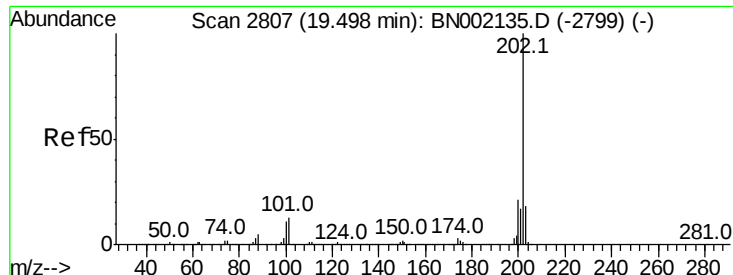


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

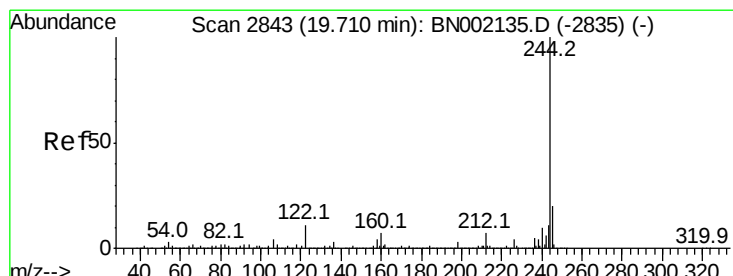
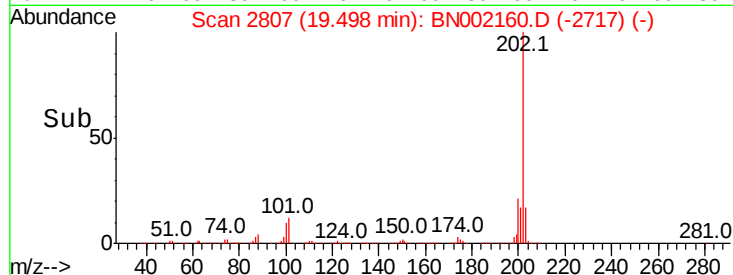
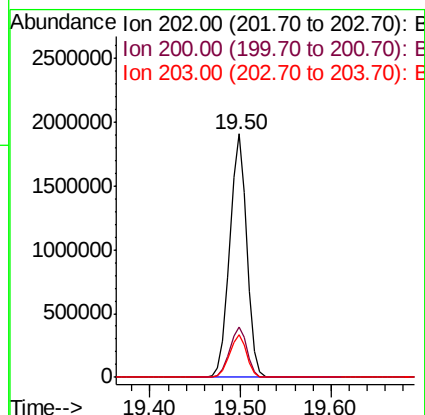
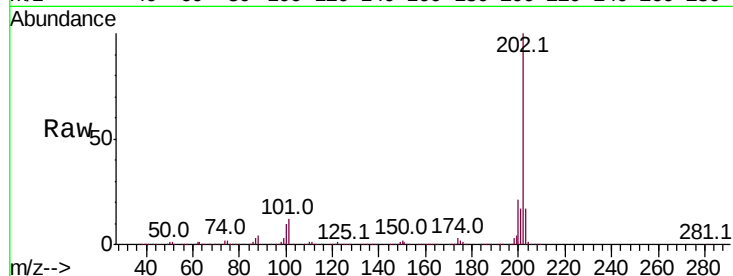




#77
Pvrene
Concen: 36.159 ng
RT: 19.50 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

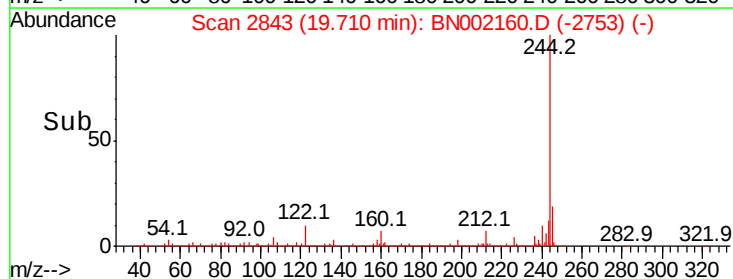
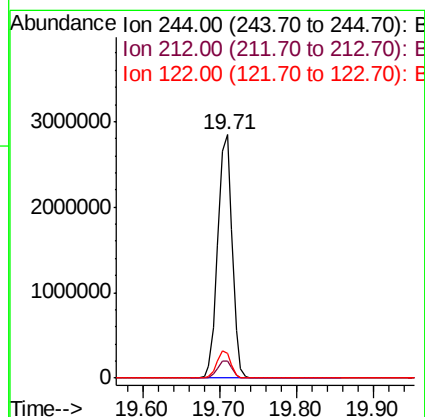
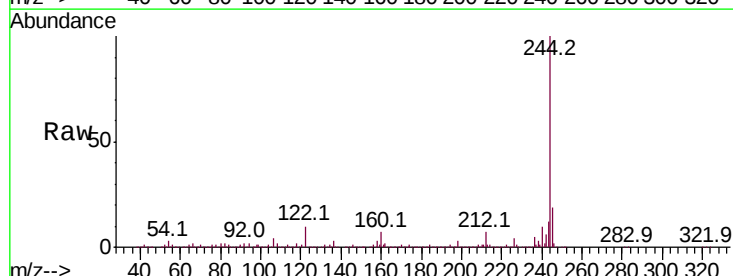
Instrument :
BNA_N
ClientSampleId :

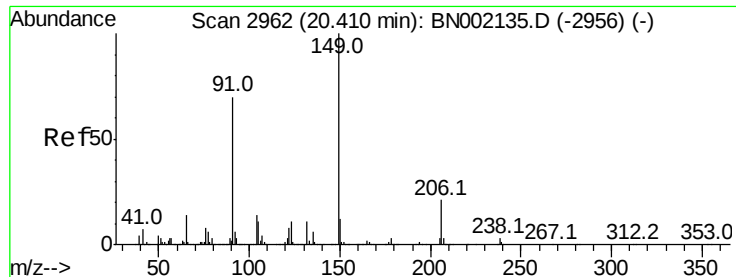
Tot Ion:202 Resp: 2480836
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 13.9 20.9



#78
Terphenyl-d14
Concen: 75.677 ng
RT: 19.71 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:244 Resp: 3609912
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 7.0 10.4

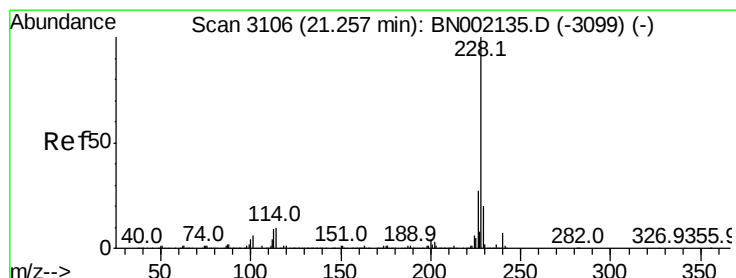
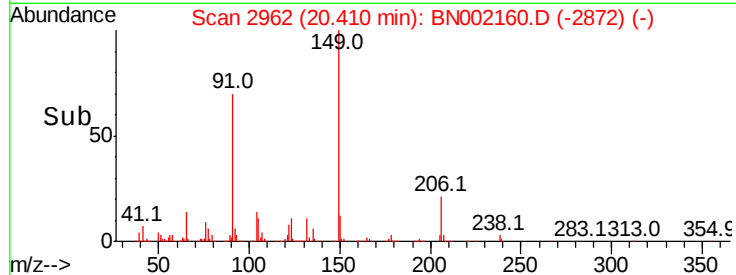
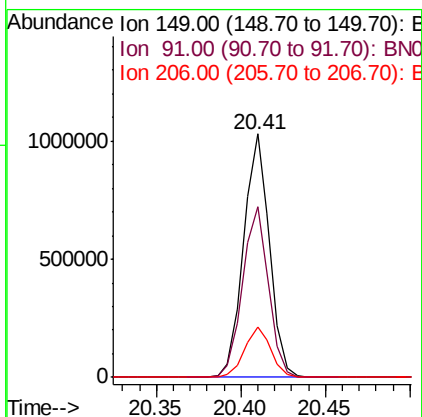
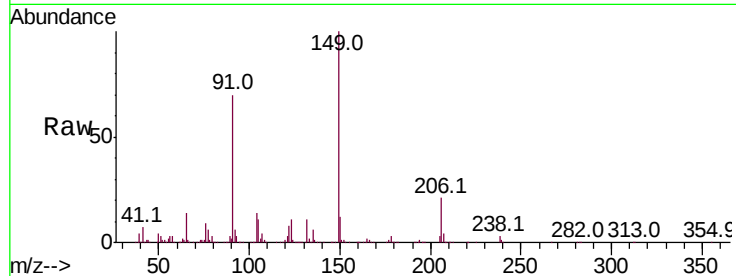




#79
Butylbenzylphthalate
Concen: 36.779 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

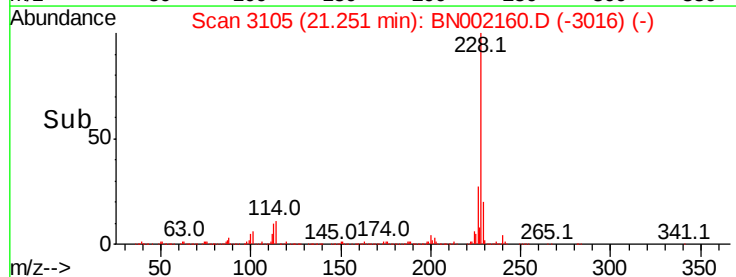
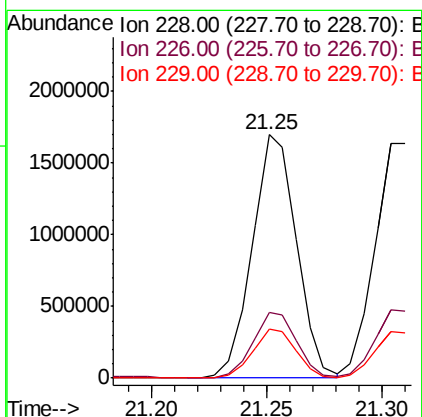
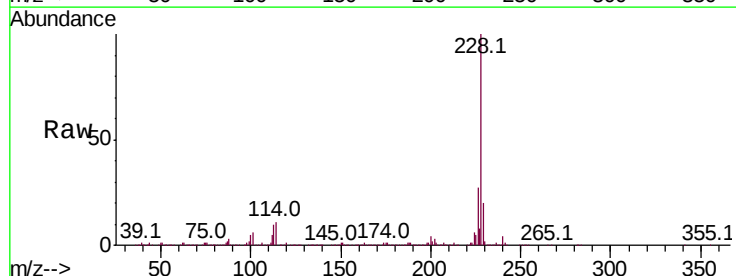
Instrument :
BNA_N
ClientSampleId :

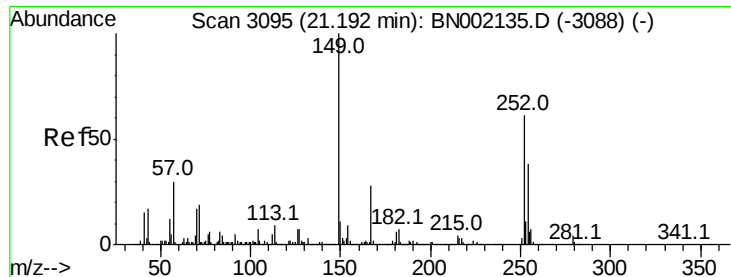
Tot Ion:149 Resp: 1098437
Ion Ratio Lower Upper
149 100
91 70.0 62.2 93.2
206 20.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 37.291 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:228 Resp: 2261260
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 20.4 16.2 24.2

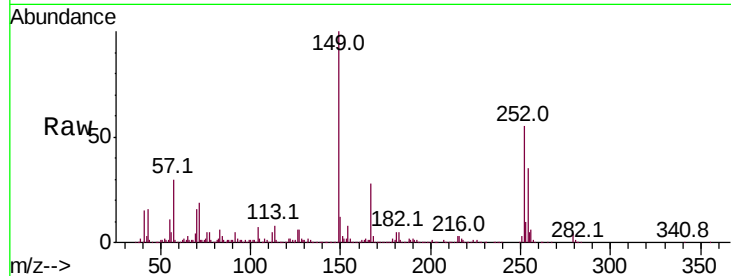




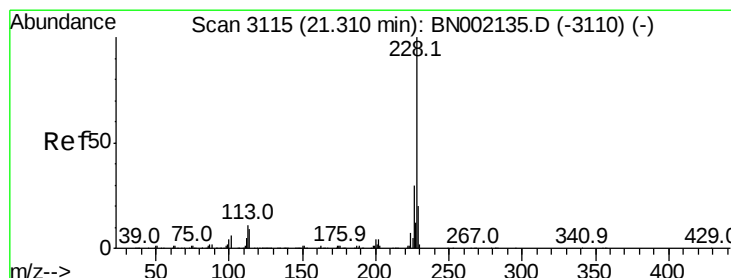
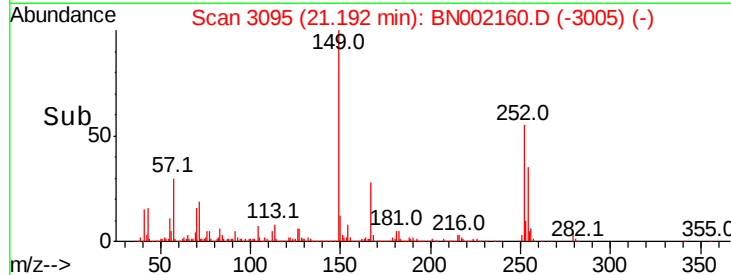
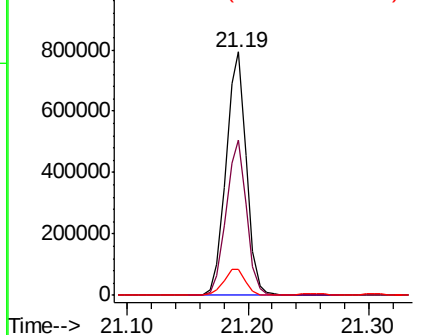
#81
 3,3'-Dichlorobenzidine
 Concen: 38.986 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 920992
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 10.4 7.4 11.2

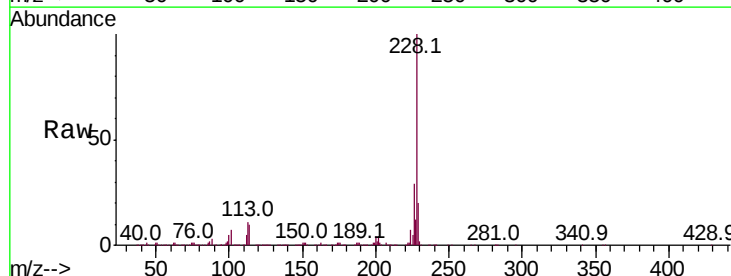


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

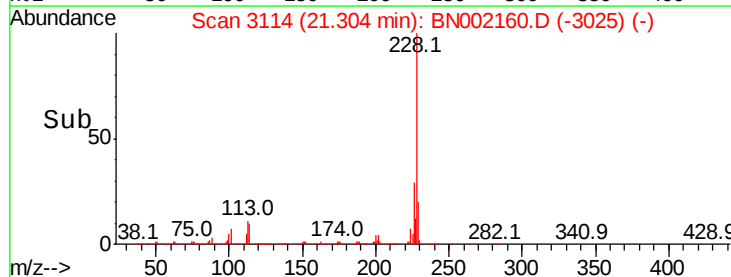
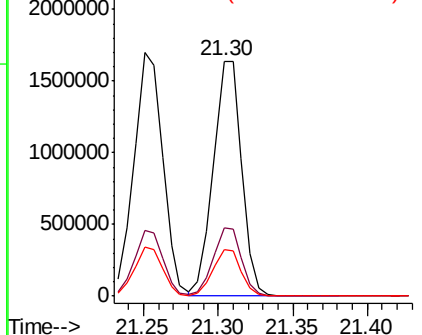


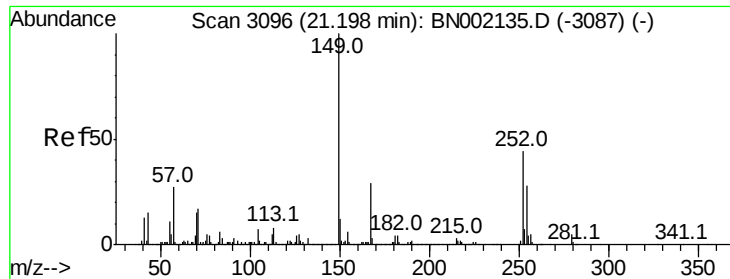
#82
 Chrysene
 Concen: 37.952 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:228 Resp: 2191139
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.9 37.3
 229 19.7 15.0 22.4



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

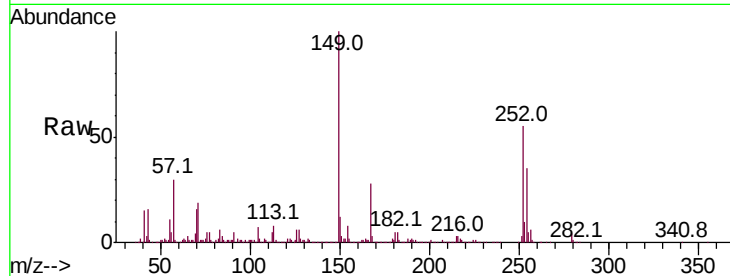




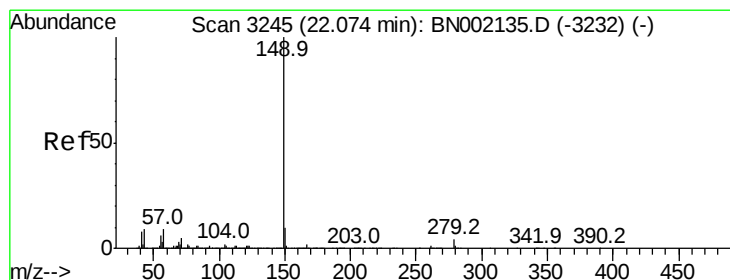
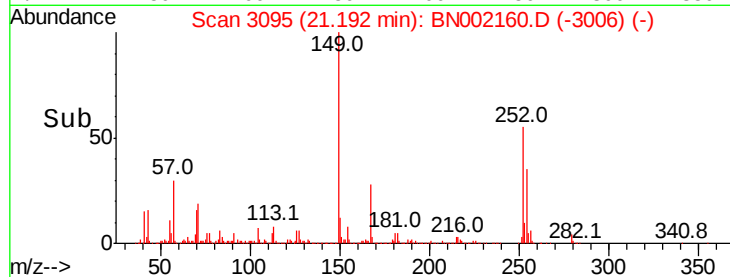
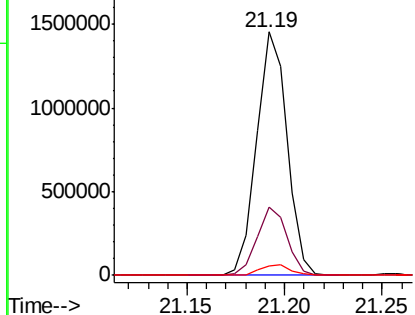
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.696 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 1569926
 Ion Ratio Lower Upper
 149 100
 167 28.2 24.3 36.5
 279 4.1 4.0 6.0

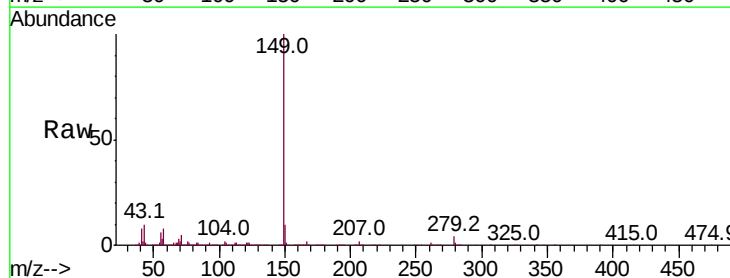


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

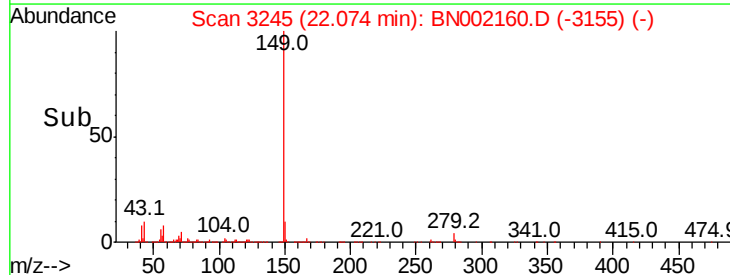
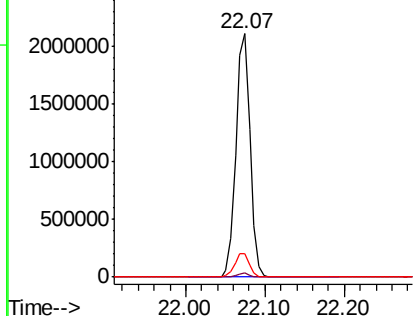


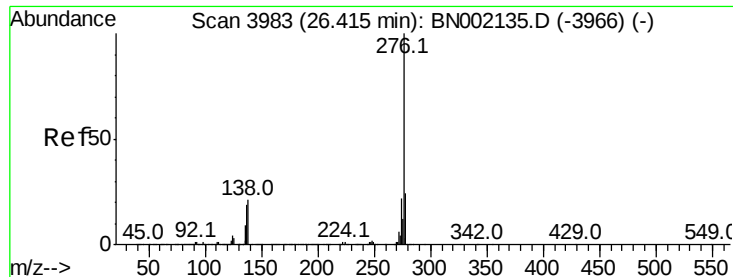
#84
 Di-n-octyl phthalate
 Concen: 39.367 ng
 RT: 22.07 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BN002160.D
 Acq: 26 Jul 2018 05:33

Tgt Ion:149 Resp: 2599607
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.1 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.245 ng

RT: 25.73 min Scan# 3867

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampled :

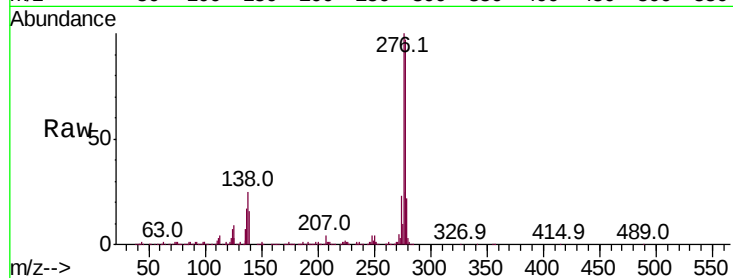
Tot Ion:276 Resp: 2490502

Ion Ratio Lower Upper

276 100

138 24.9 16.0 24.0#

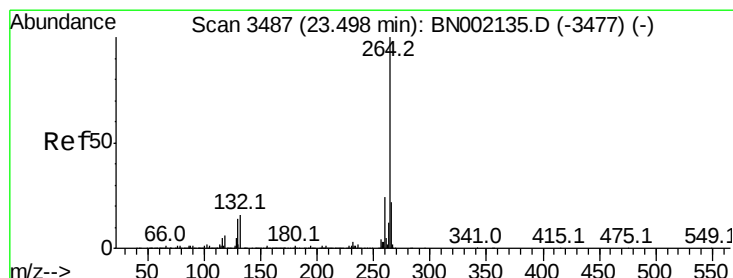
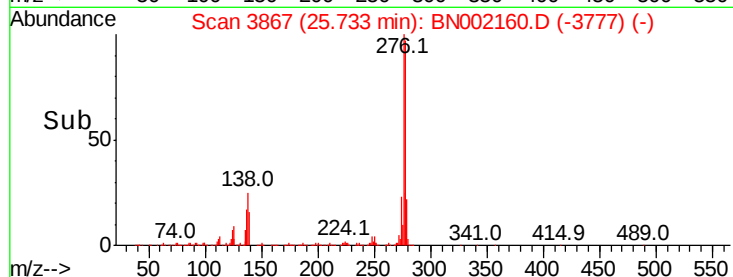
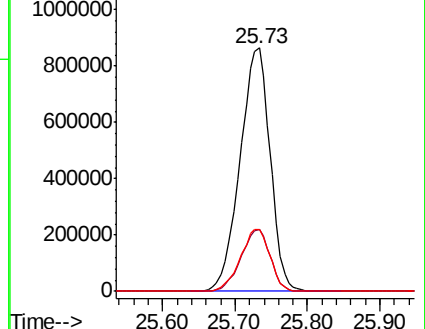
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

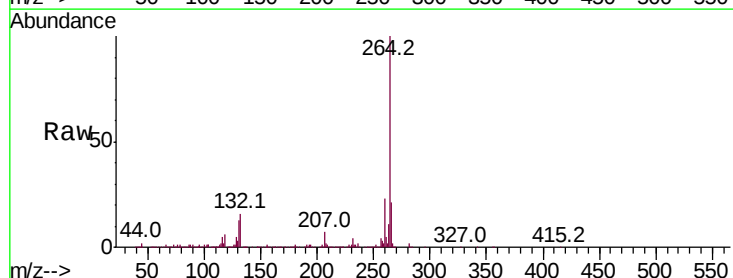
Tgt Ion:264 Resp: 1006821

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

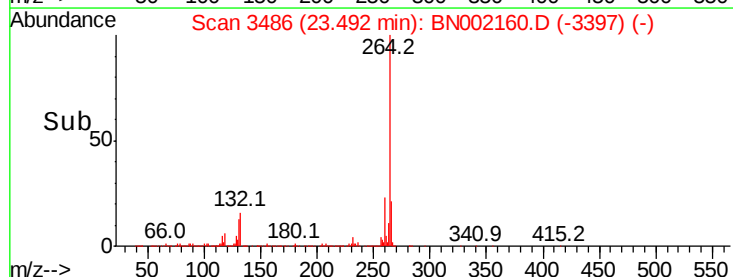
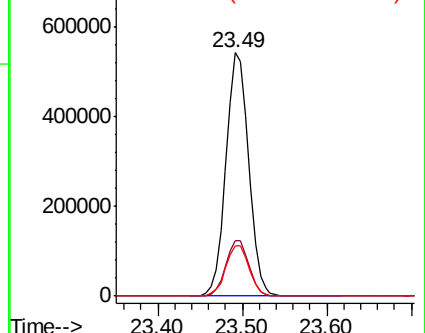
265 20.9 17.7 26.5

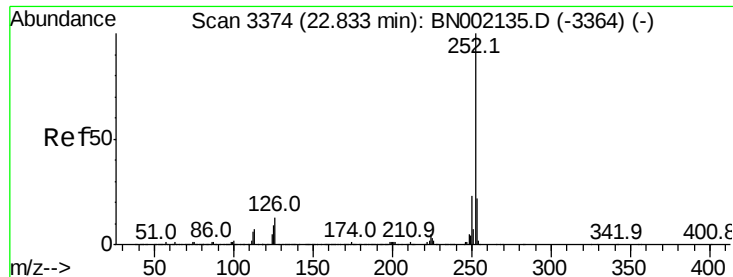


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.363 ng

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

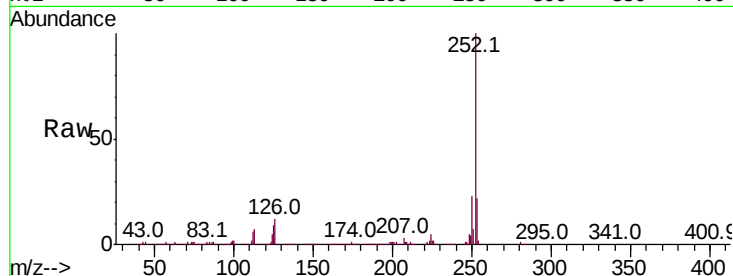
Tot Ion:252 Resp: 2160699

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

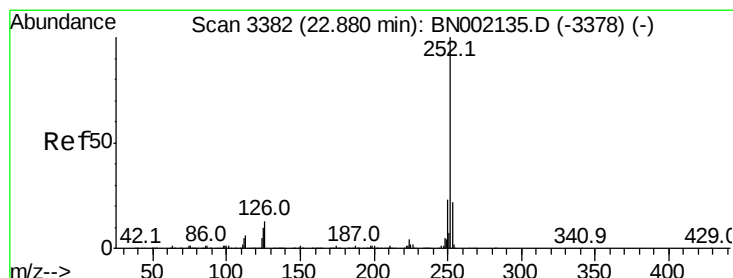
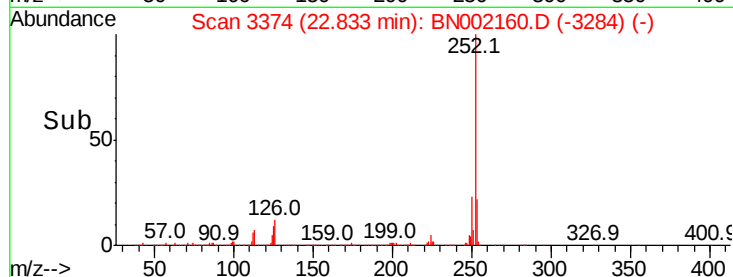
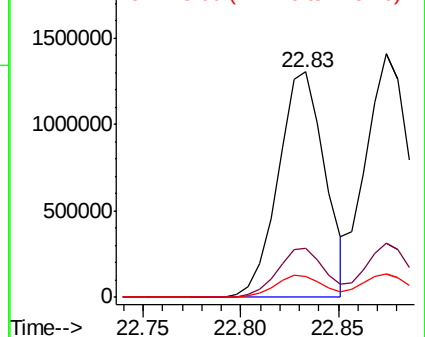
125 9.5 7.2 10.8



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: 37.610 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

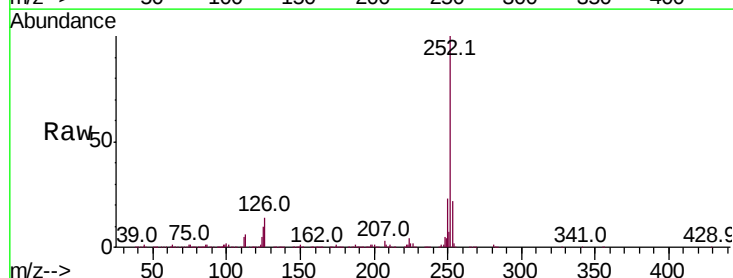
Tgt Ion:252 Resp: 2200946

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

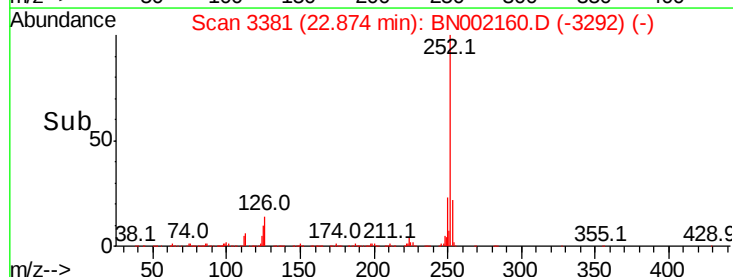
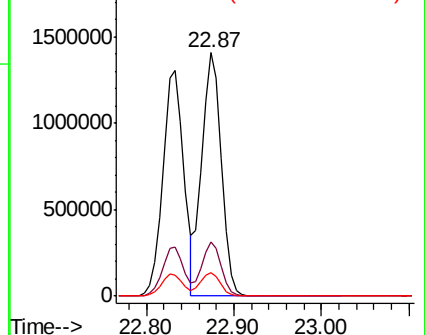
125 9.7 6.6 9.8

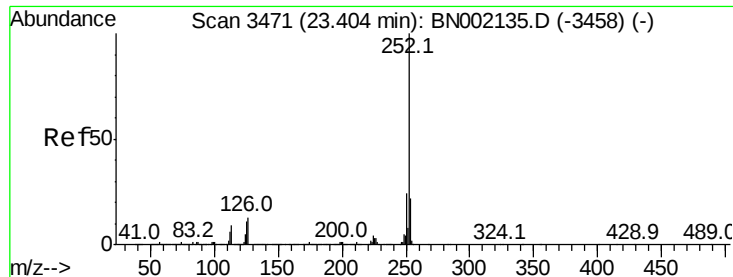


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

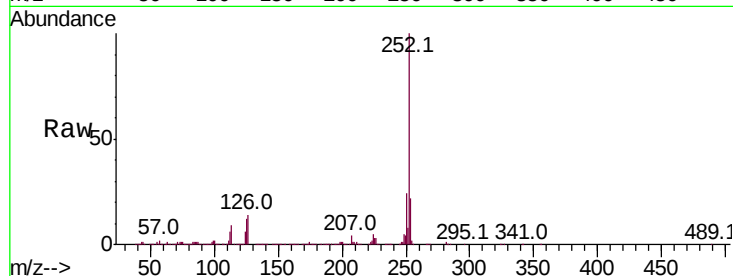




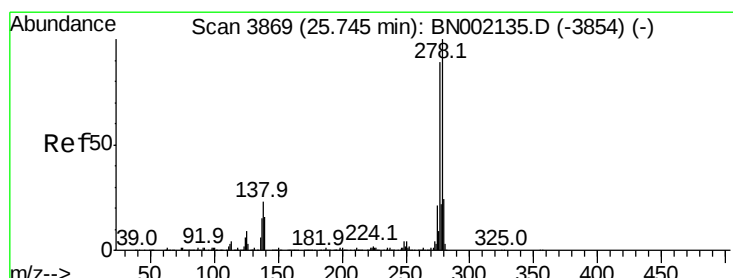
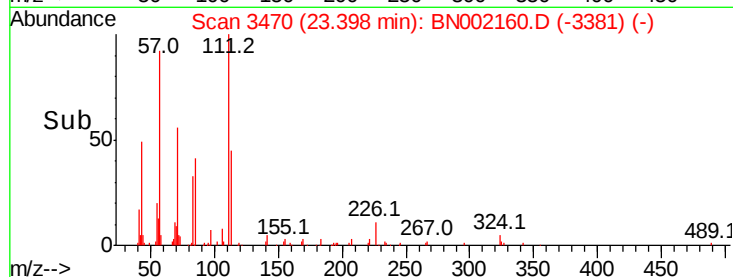
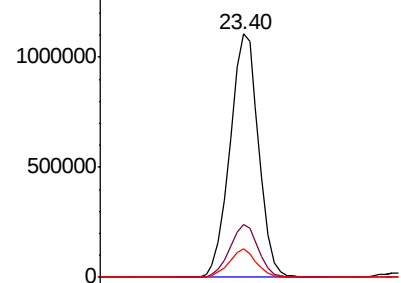
#89
Benzo(a)pyrene
Concen: 37.540 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 2083230
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 11.5 7.3 10.9#

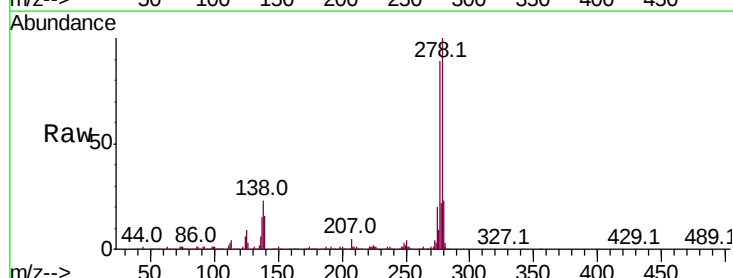


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

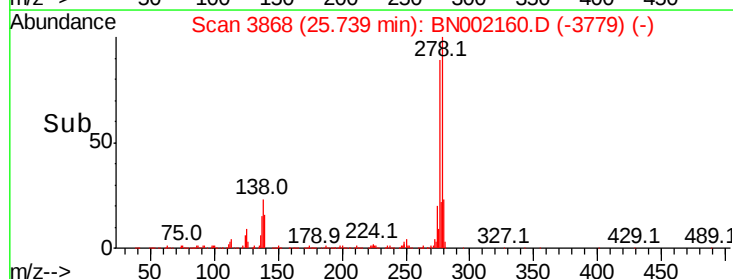
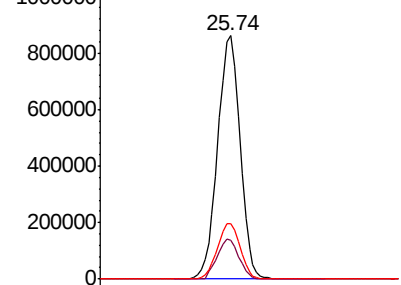


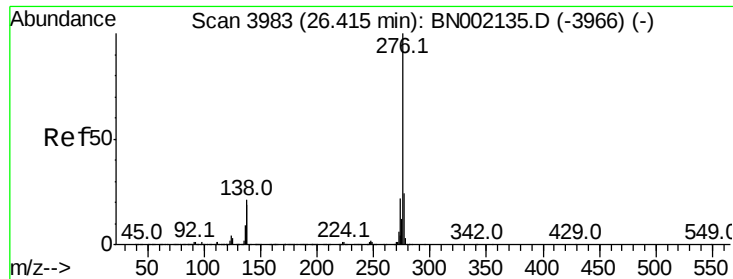
#90
Dibenzo(a,h)anthracene
Concen: 40.430 ng
RT: 25.74 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BN002160.D
Acq: 26 Jul 2018 05:33

Tgt Ion:278 Resp: 2106410
Ion Ratio Lower Upper
278 100
139 16.1 9.8 14.6#
279 22.9 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
1200000 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: 40.764 ng

RT: 26.40 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BN002160.D

Acq: 26 Jul 2018 05:33

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 2052517

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 22.0 13.9 20.9#

