

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000715.D
 Acq On : 09 Apr 2018 18:34
 Operator : JU/SJ
 Sample : PB108094BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:31:59 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	153176	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	615574	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	289343	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	522039	20.00	ng	0.00
75) Chrysene-d12	21.22	240	417633	20.00	ng	0.00
86) Perylene-d12	23.41	264	389580	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1020642	98.39	ng	0.00
7) Phenol-d6	6.82	99	1321258	93.56	ng	0.00
23) Nitrobenzene-d5	8.78	82	1138913	97.91	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	270228	94.99	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2057667	98.01	ng	0.00
78) Terphenyl-d14	19.66	244	1961153	102.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	189236	39.762	ng	96
3) Pyridine	3.63	79	542038	42.198	ng	98
4) n-Nitrosodimethylamine	3.55	42	182986	52.596	ng	# 82
6) Aniline	6.98	93	764772	40.569	ng	93
8) 2-Chlorophenol	7.21	128	520949	48.620	ng	90
9) Benzaldehyde	6.79	77	126969	17.725	ng	95
10) Phenol	6.85	94	722331	48.102	ng	87
11) bis(2-Chloroethyl)ether	7.08	93	553626	44.875	ng	84
12) 1,3-Dichlorobenzene	7.53	146	539486	43.443	ng	99
13) 1,4-Dichlorobenzene	7.68	146	547773	43.542	ng	98
14) 1,2-Dichlorobenzene	7.99	146	521019	43.131	ng	96
15) Benzyl Alcohol	7.88	79	464026	48.240	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.18	45	580058	43.340	ng	78
17) 2-Methylphenol	8.08	107	454452	45.389	ng	95
18) Hexachloroethane	8.70	117	210663	45.432	ng	# 82
19) n-Nitroso-di-n-propylamine	8.45	70	392053	44.413	ng	# 82
20) 3+4-Methylphenols	8.40	107	604993	44.024	ng	94
22) Acetophenone	8.45	105	794643	44.834	ng	# 88
24) Nitrobenzene	8.82	77	603072	47.744	ng	# 95
25) Isophorone	9.35	82	1064643	49.577	ng	99
26) 2-Nitrophenol	9.53	139	246777	49.355	ng	93
27) 2,4-Dimethylphenol	9.59	122	472561	55.484	ng	97
28) bis(2-Chloroethoxy)methane	9.83	93	701391	49.644	ng	97
29) 2,4-Dichlorophenol	10.06	162	420864	50.899	ng	97
30) 1,2,4-Trichlorobenzene	10.27	180	443104	44.485	ng	97
31) Naphthalene	10.46	128	1504953	45.246	ng	98
32) Benzoic acid	9.73	122	287400	38.257	ng	95
33) 4-Chloroaniline	10.56	127	494141	36.553	ng	97
34) Hexachlorobutadiene	10.75	225	235694	43.994	ng	97
35) Caprolactam	11.33	113	127730	47.333	ng	96
36) 4-Chloro-3-methylphenol	11.69	107	481457	48.939	ng	100
37) 2-Methylnaphthalene	12.07	142	1003543	46.106	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	430994	48.443	ng	# 96
40) Hexachlorocyclopentadiene	12.43	237	591148	119.142	ng	94

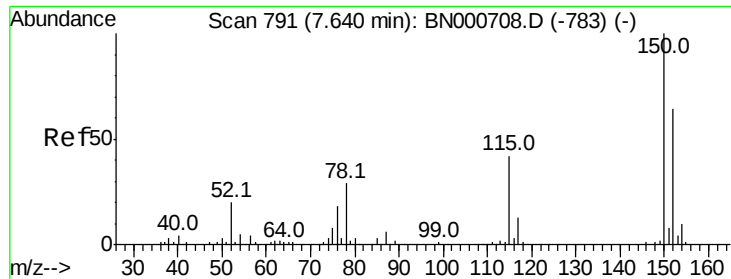
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	282022	53.609	nq	99
43) 2,4,5-Trichlorophenol	12.76	196	302506	49.478	nq	# 93
45) 1,1'-Biphenyl	13.10	154	1216290	46.824	nq	97
46) 2-Chloronaphthalene	13.13	162	913774	46.810	nq	97
47) 2-Nitroaniline	13.34	65	272488	49.217	nq	89
48) Acenaphthylene	13.99	152	1426792	46.384	nq	98
49) Dimethylphthalate	13.74	163	1041208	45.205	nq	99
50) 2,6-Dinitrotoluene	13.85	165	227531	47.707	nq	93
51) Acenaphthene	14.33	154	843307	44.369	nq	99
52) 3-Nitroaniline	14.17	138	195098	35.718	nq	# 96
53) 2,4-Dinitrophenol	14.38	184	247576	97.989	nq	96
54) Dibenzofuran	14.67	168	1284706	47.018	nq	95
55) 4-Nitrophenol	14.49	139	421312	101.340	nq	# 86
56) 2,4-Dinitrotoluene	14.63	165	299303	48.333	nq	95
57) Fluorene	15.32	166	994077	46.065	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.81	232	240933	50.858	nq	93
59) Diethylphthalate	15.12	149	1026241	45.337	nq	97
60) 4-Chlorophenyl-phenylether	15.32	204	458821	45.478	nq	91
61) 4-Nitroaniline	15.34	138	243804	45.794	nq	94
62) Azobenzene	15.62	77	1189417	47.612	nq	89
64) 4,6-Dinitro-2-methylphenol	15.40	198	142693	45.873	nq	89
65) n-Nitrosodiphenylamine	15.54	169	861239	49.437	nq	97
66) 4-Bromophenyl-phenylether	16.22	248	254849	48.822	nq	# 87
67) Hexachlorobenzene	16.32	284	281747	46.747	nq	# 91
68) Atrazine	16.50	200	256203	53.148	nq	94
69) Pentachlorophenol	16.66	266	351872	89.914	nq	98
70) Phenanthrene	17.06	178	1434075	47.263	nq	99
71) Anthracene	17.15	178	1455171	49.171	nq	98
72) Carbazole	17.42	167	1304891	46.540	nq	96
73) Di-n-butylphthalate	18.01	149	1531814	46.985	nq	99
74) Fluoranthene	19.08	202	1417507	46.674	nq	93
76) Benzidine	19.27	184	965280	84.553	nq	96
77) Pyrene	19.45	202	1444244	48.384	nq	100
79) Butylbenzylphthalate	20.37	149	617885	46.746	nq	# 94
80) Benzo(a)anthracene	21.20	228	1273232	48.450	nq	99
81) 3,3'-Dichlorobenzidine	21.15	252	337046	42.091	nq	# 98
82) Chrysene	21.26	228	1195246	46.630	nq	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	920443	48.901	nq	# 93
84) Di-n-octyl phthalate	22.05	149	1438392	54.503	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1070040	49.104	nq	# 91
87) Benzo(b)fluoranthene	22.76	252	1151701	48.713	nq	# 96
88) Benzo(k)fluoranthene	22.80	252	1157874	48.727	nq	# 95
89) Benzo(a)pyrene	23.32	252	1105045	51.165	nq	# 94
90) Dibenzo(a,h)anthracene	25.61	278	1086219	51.020	nq	# 92
91) Benzo(g,h,i)perylene	26.26	276	1070040	51.777	nq	# 89

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

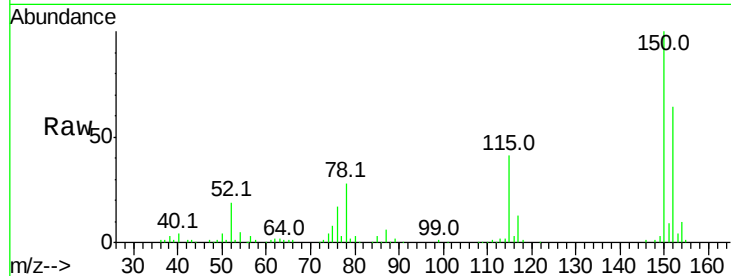


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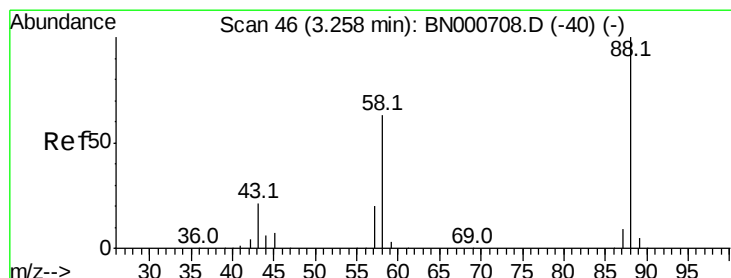
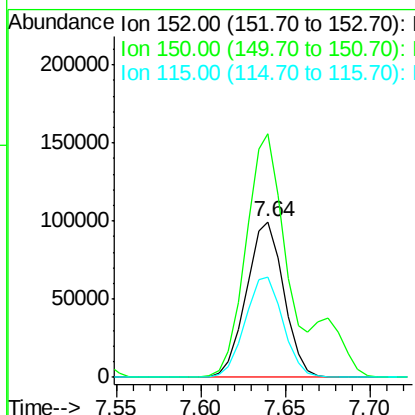
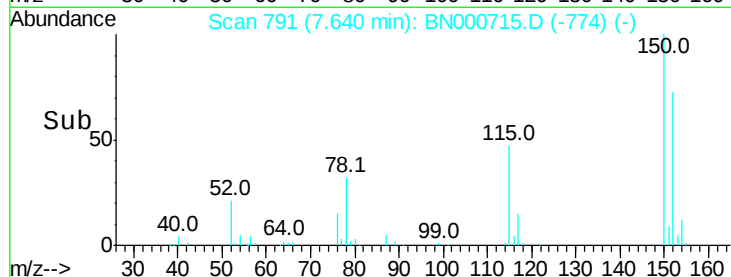
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 153176
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 64.7 53.0 79.4



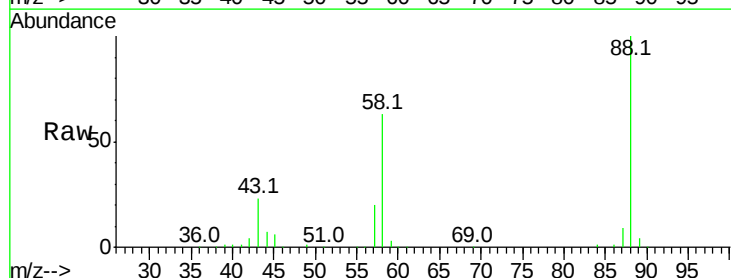
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



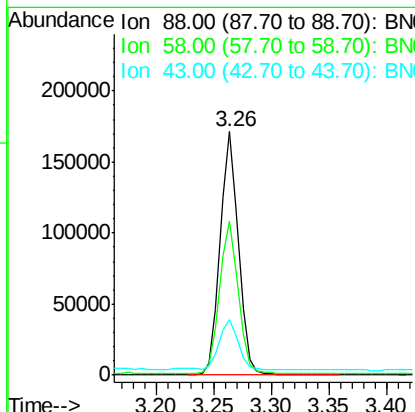
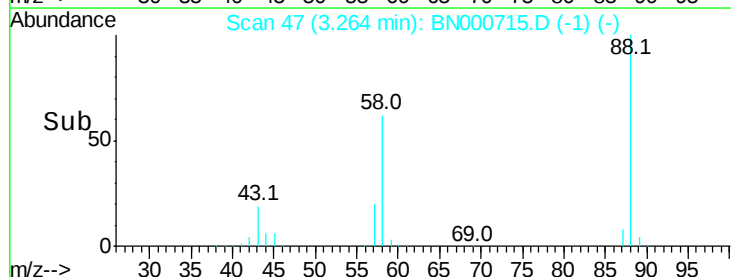
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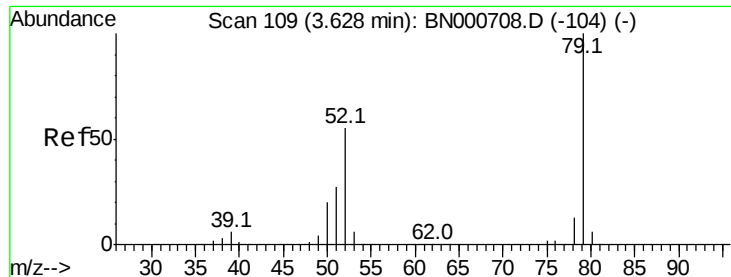
1,4-Dioxane
Concen: 39.762 ng
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion: 88 Resp: 189236
Ion Ratio Lower Upper
88 100
58 63.0 52.0 78.0
43 20.9 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: 42.198 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

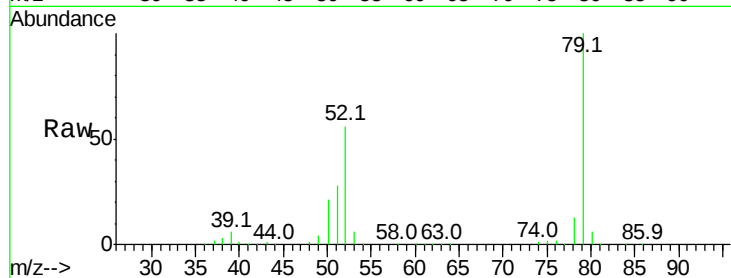
Tot Ion: 79 Resp: 542038

Ion Ratio Lower Upper

79 100

52 55.7 44.0 66.0

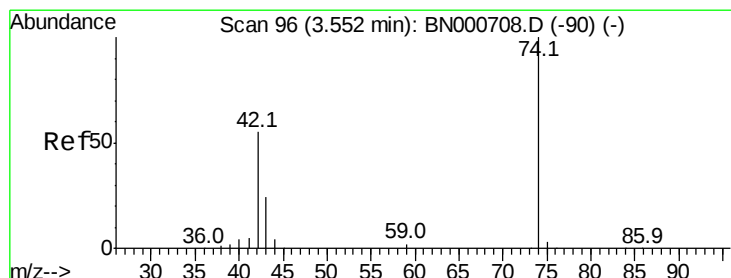
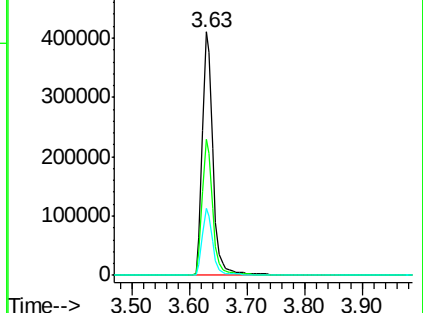
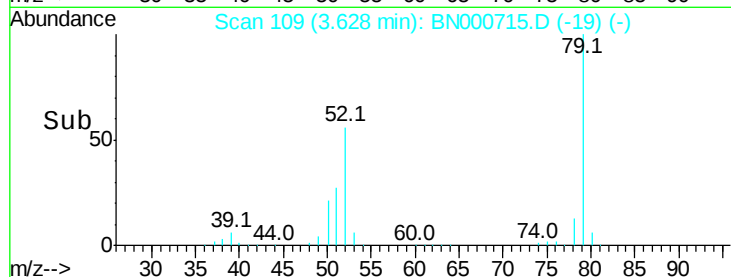
51 27.6 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 52.00 (51.70 to 52.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 52.596 ng

RT: 3.55 min Scan# 96

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

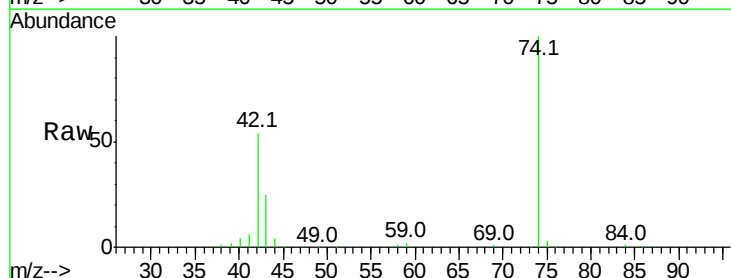
Tgt Ion: 42 Resp: 182986

Ion Ratio Lower Upper

42 100

74 183.6 128.0 192.0

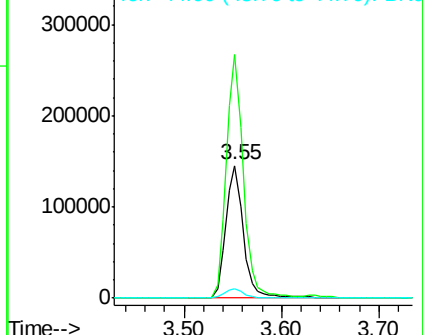
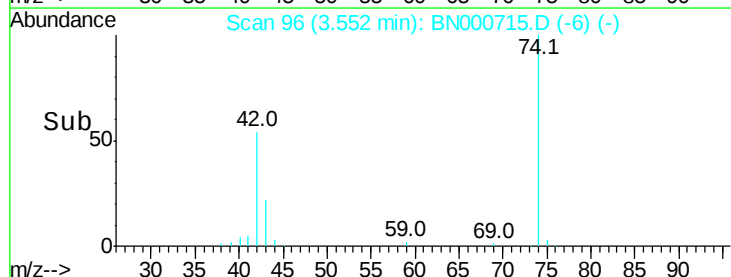
44 6.9 12.0 18.0#

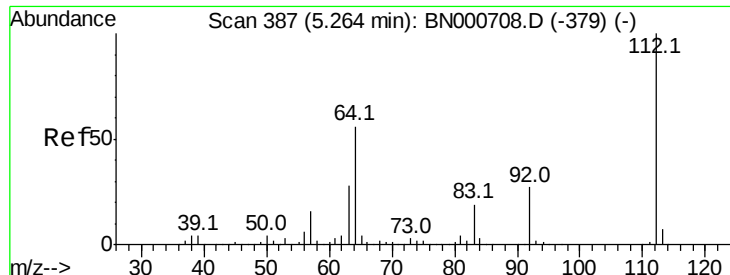


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 98.385 ng

RT: 5.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

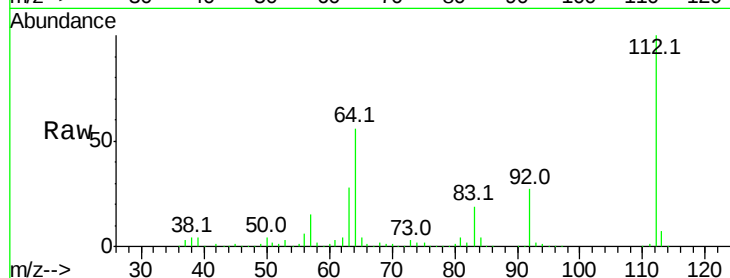
Tot Ion:112 Resp: 1020642

Ion Ratio Lower Upper

112 100

64 56.2 56.3 84.5#

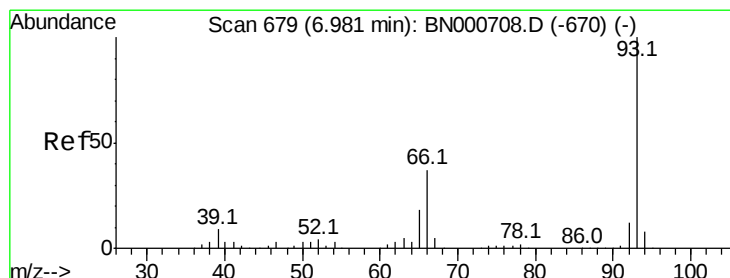
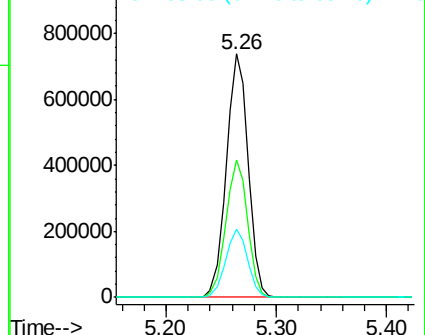
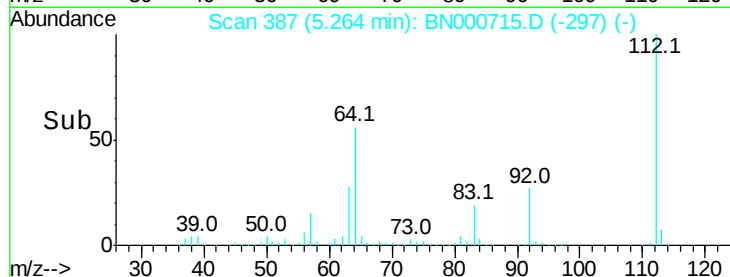
63 27.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 40.569 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

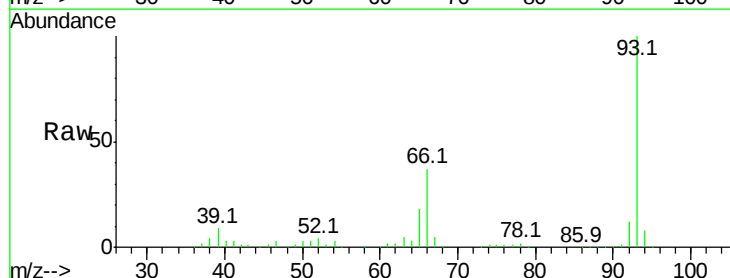
Tgt Ion: 93 Resp: 764772

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

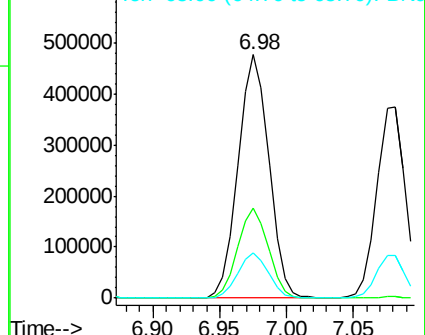
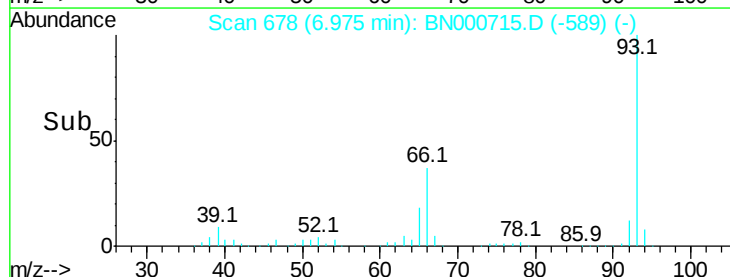
65 18.4 16.1 24.1

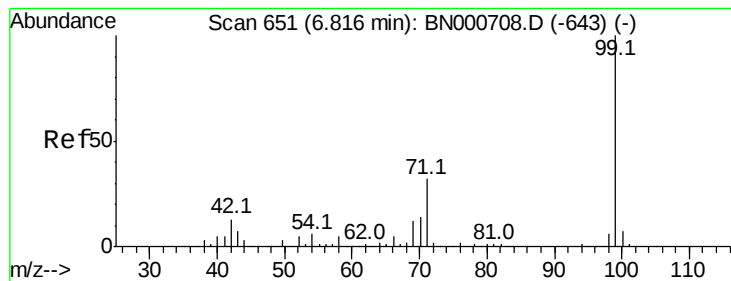


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 93.557 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

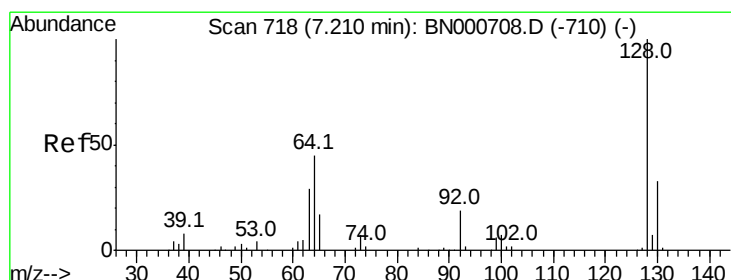
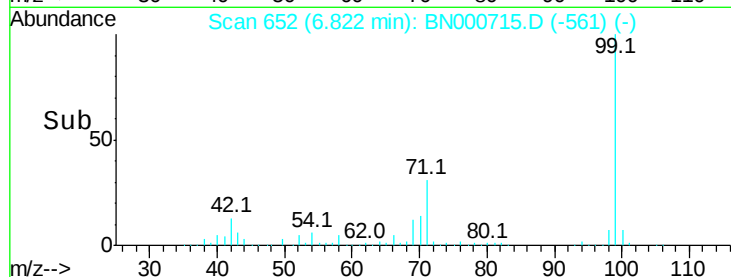
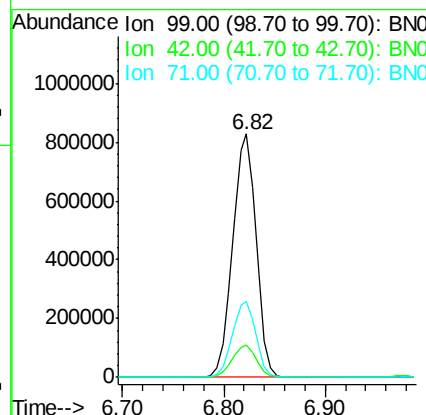
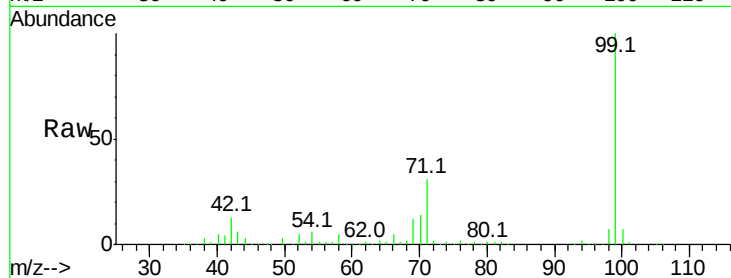
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1321258

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	31.3	26.1	39.1



#8

2-Chlorophenol

Concen: 48.620 ng

RT: 7.21 min Scan# 718

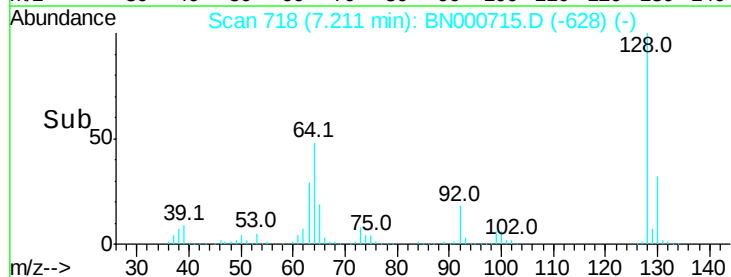
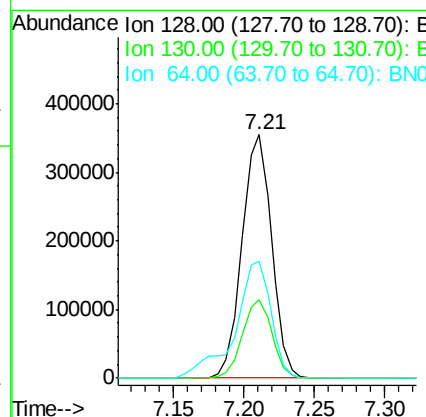
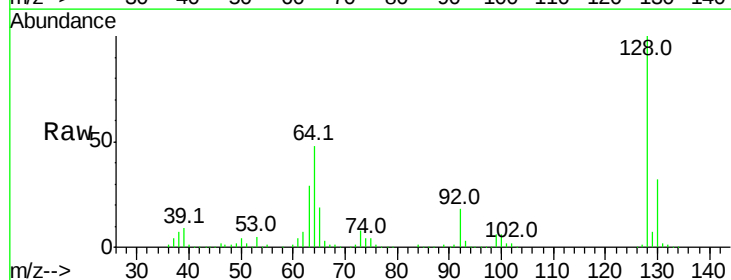
Delta R.T. 0.00 min

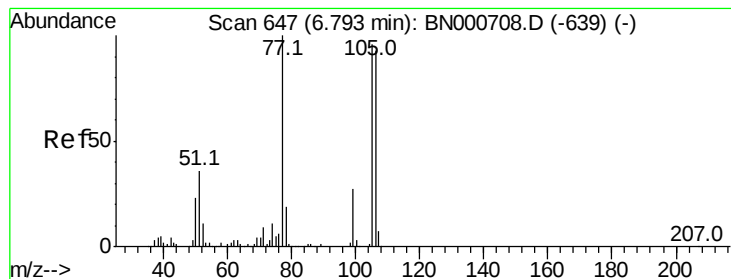
Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Tgt Ion: 128 Resp: 520949

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	47.8	37.7	77.7





#9

Benzaldehyde

Concen: 17.725 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

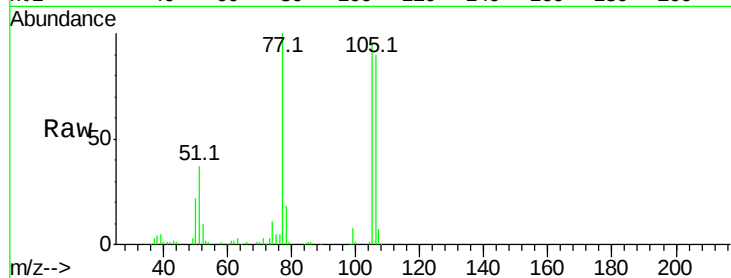
Tot Ion: 77 Resp: 126969

Ion Ratio Lower Upper

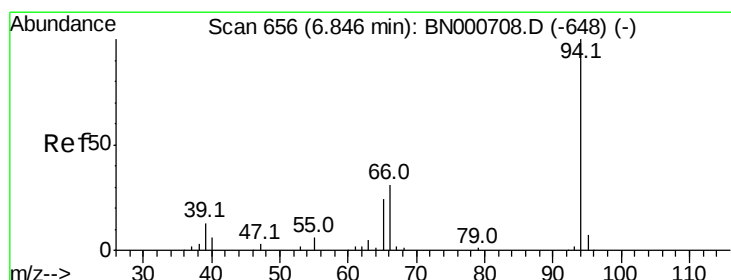
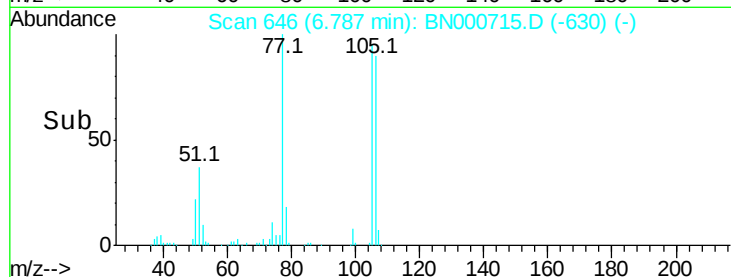
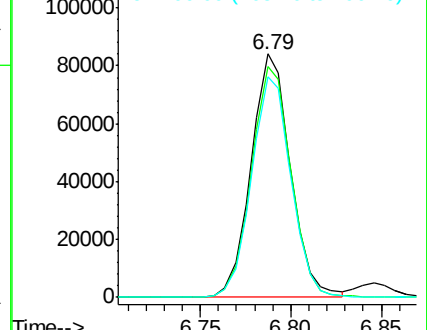
77 100

105 95.0 71.3 111.3

106 90.3 64.2 104.2



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



#10

Phenol

Concen: 48.102 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

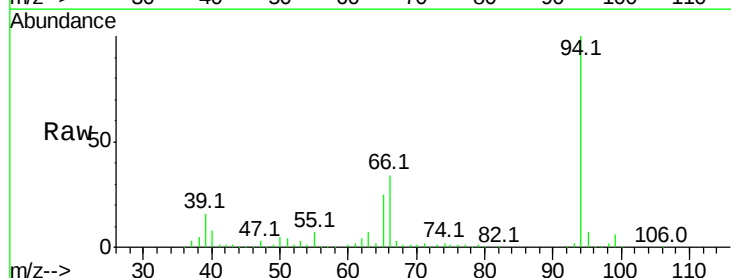
Tgt Ion: 94 Resp: 722331

Ion Ratio Lower Upper

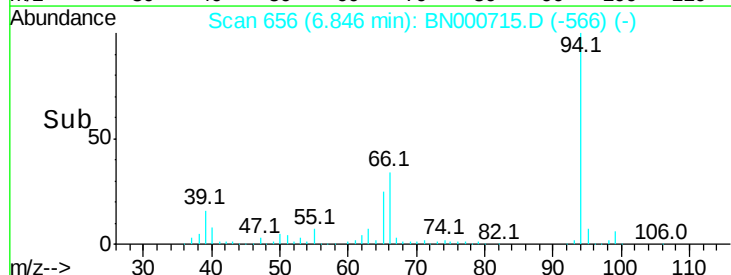
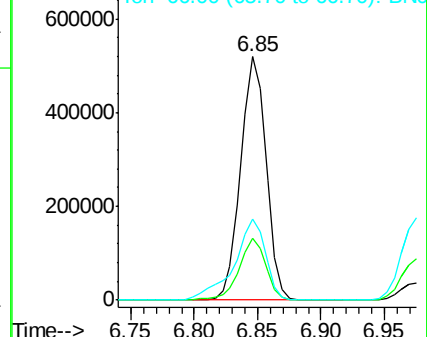
94 100

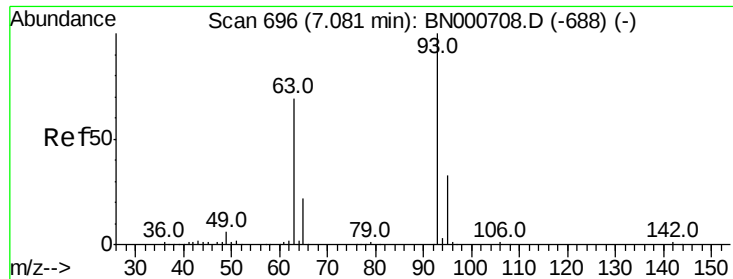
65 25.3 11.9 51.9

66 33.5 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 44.875 ng

RT: 7.08 min Scan# 696

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

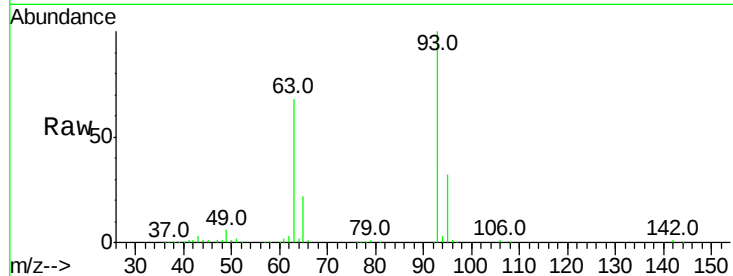
Tot Ion: 93 Resp: 553626

Ion Ratio Lower Upper

93 100

63 67.6 67.1 107.1

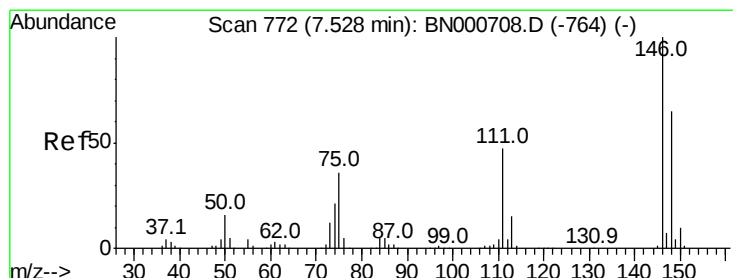
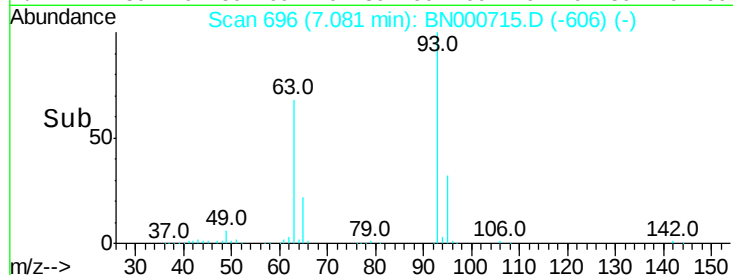
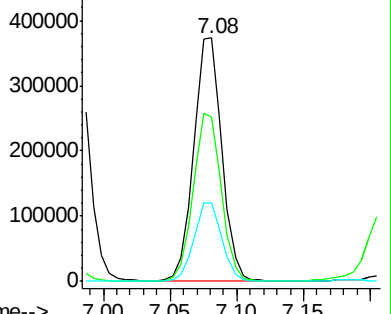
95 32.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN000715.D (-606) (-)

Ion 63.00 (62.70 to 63.70): BN000715.D (-606) (-)

Ion 95.00 (94.70 to 95.70): BN000715.D (-606) (-)



#12

1,3-Dichlorobenzene

Concen: 43.443 ng

RT: 7.53 min Scan# 772

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

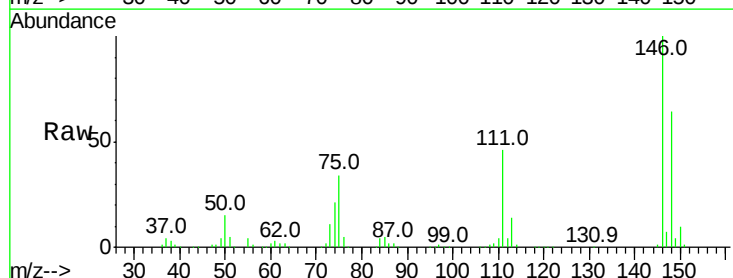
Tgt Ion: 146 Resp: 539486

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

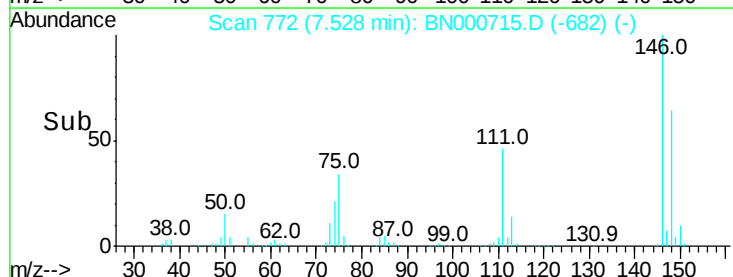
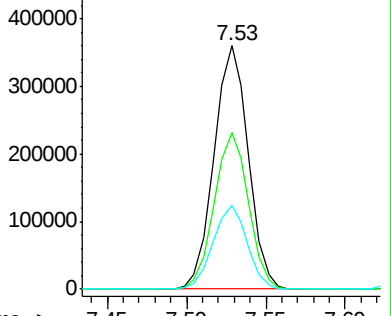
75 34.4 26.6 39.8

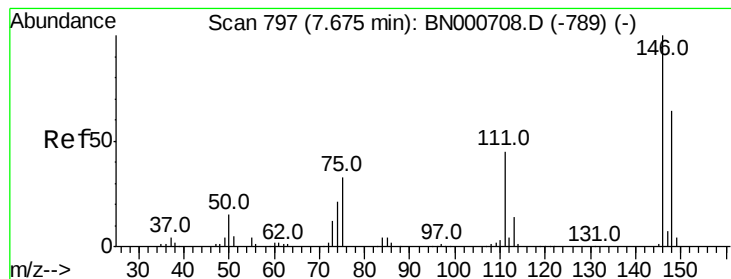


Abundance Ion 146.00 (145.70 to 146.70): BN000715.D (-682) (-)

Ion 148.00 (147.70 to 148.70): BN000715.D (-682) (-)

Ion 75.00 (74.70 to 75.70): BN000715.D (-682) (-)





#13

1,4-Dichlorobenzene

Concen: 43.542 ng

RT: 7.68 min Scan# 797

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

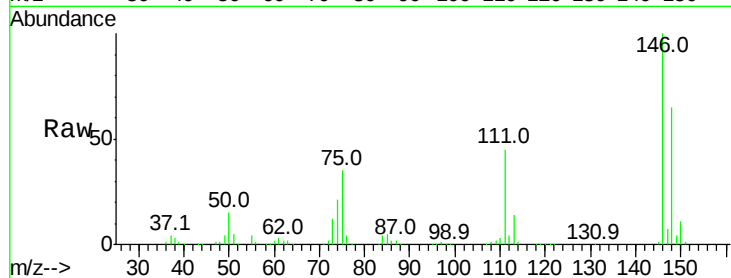
Tot Ion:146 Resp: 547773

Ion Ratio Lower Upper

146 100

148 65.2 53.7 80.5

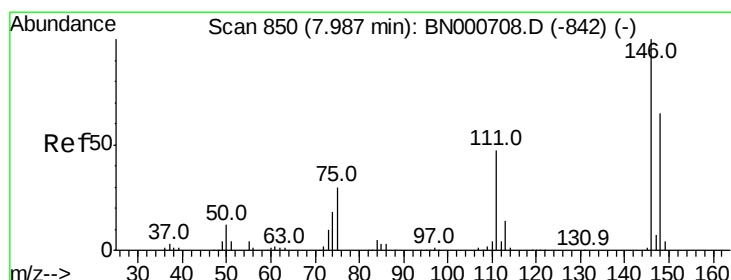
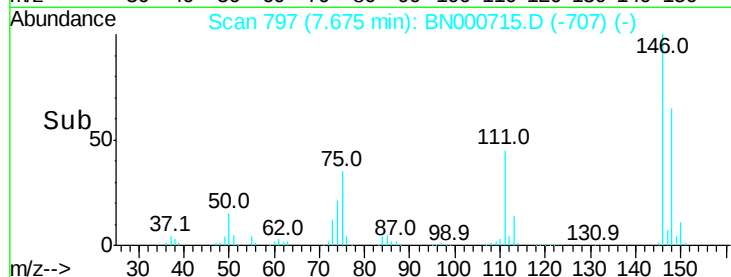
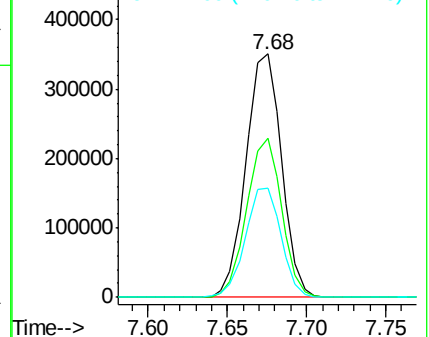
111 45.1 35.2 52.8



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: 43.131 ng

RT: 7.99 min Scan# 850

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

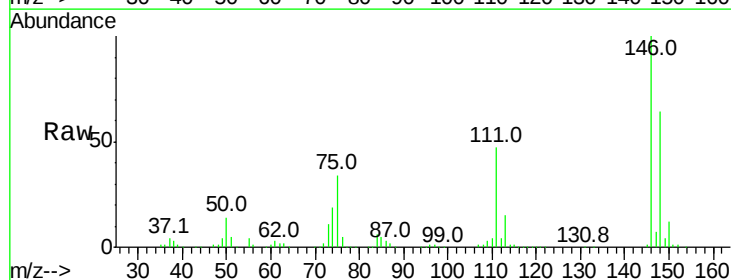
Tgt Ion:146 Resp: 521019

Ion Ratio Lower Upper

146 100

148 63.8 49.3 73.9

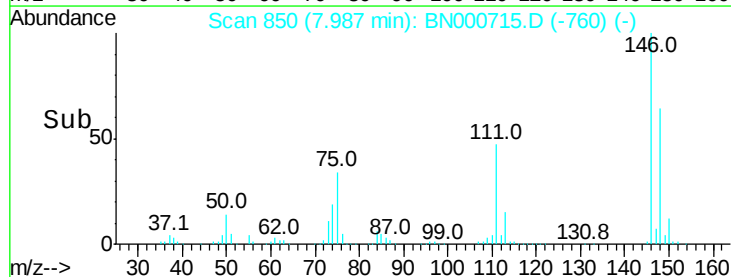
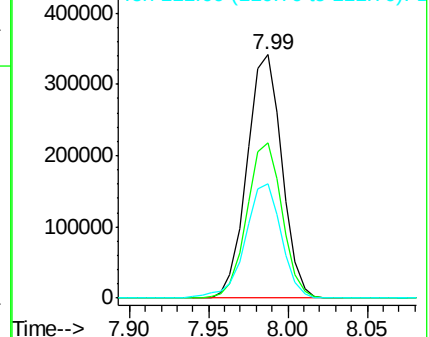
111 46.9 34.3 51.5

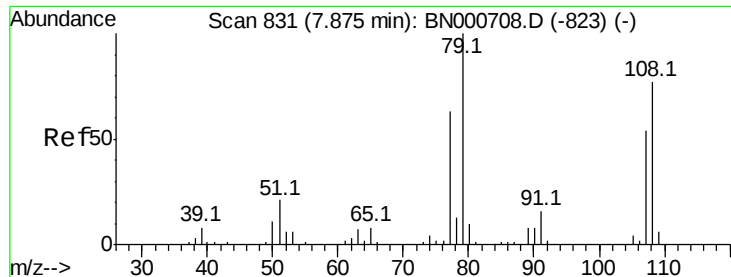


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

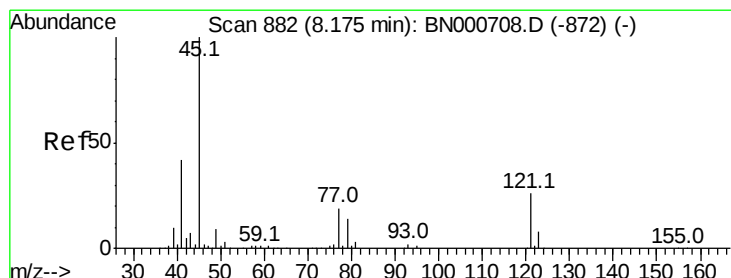
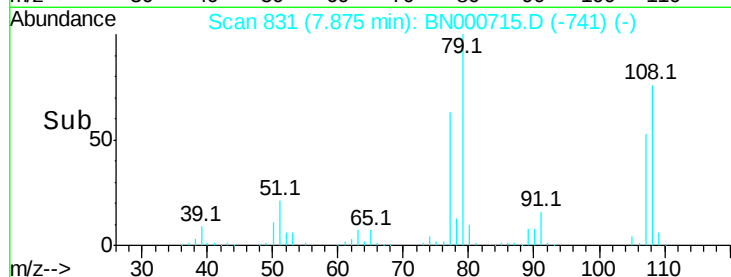
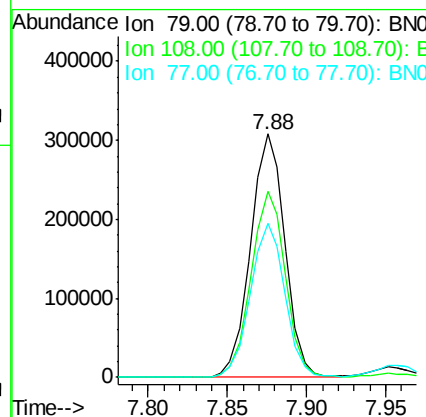
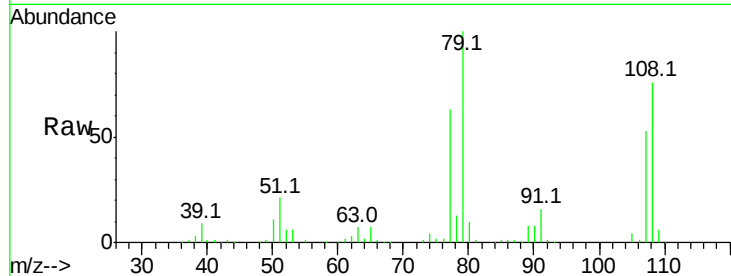




#15
Benzyl Alcohol
Concen: 48.240 ng
RT: 7.88 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

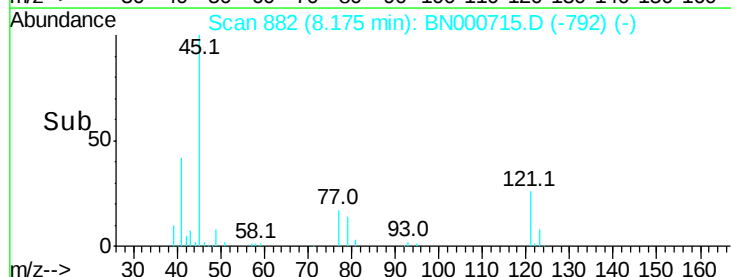
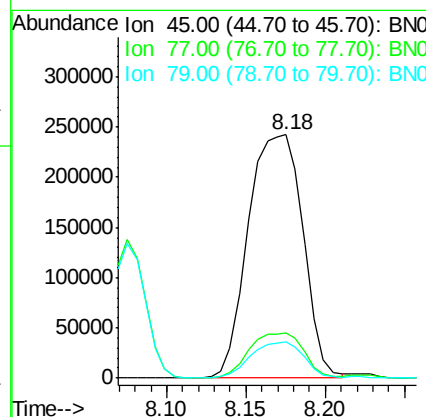
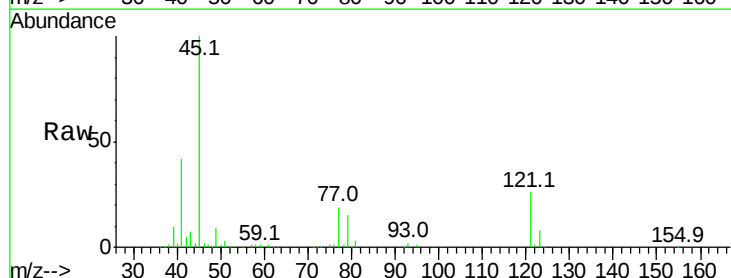
Instrument :
BNA_N
ClientSampleId :

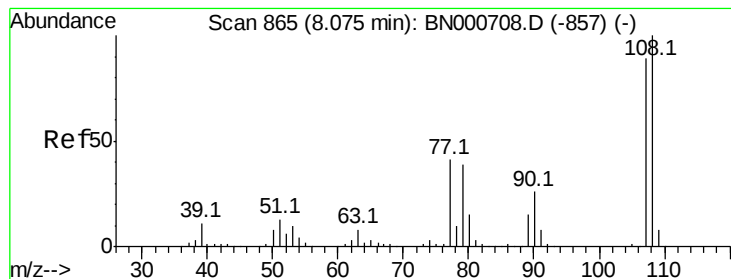
Tot Ion: 79 Resp: 464026
Ion Ratio Lower Upper
79 100
108 76.2 57.2 85.8
77 63.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.340 ng
RT: 8.18 min Scan# 882
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion: 45 Resp: 580058
Ion Ratio Lower Upper
45 100
77 18.7 0.0 30.2
79 14.9 0.0 27.9

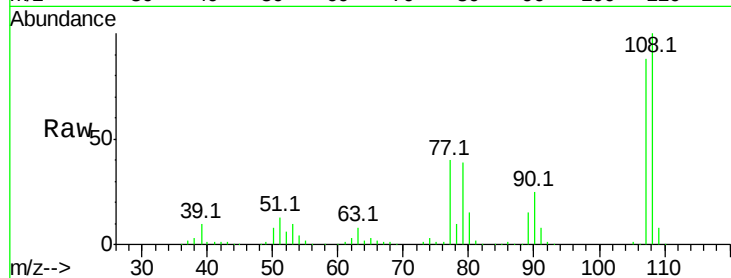




#17
2-Methylphenol
Concen: 45.389 ng
RT: 8.08 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	83.9	125.9
77	46.0	37.2	55.8
79	44.7	36.2	54.2



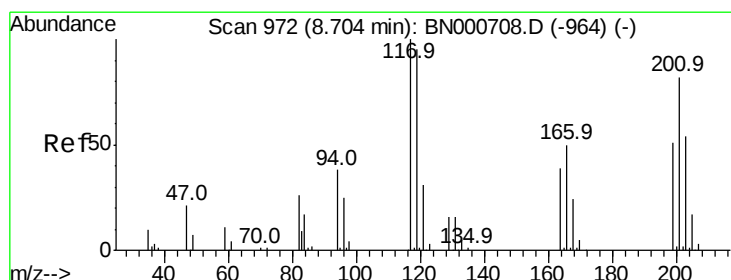
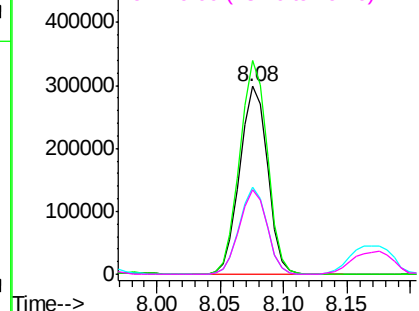
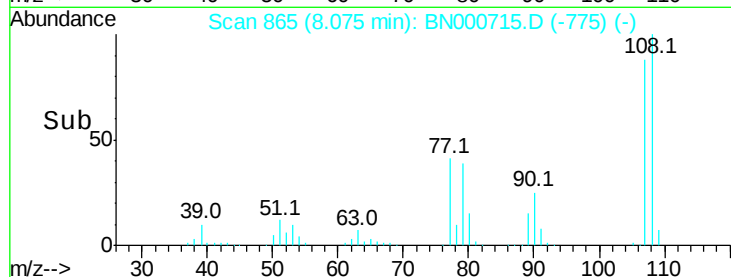
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

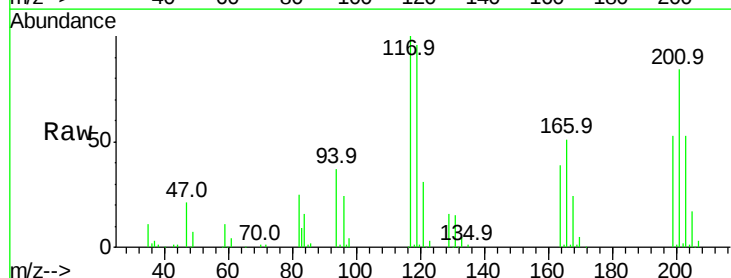
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 45.432 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	83.5	95.7	143.5#

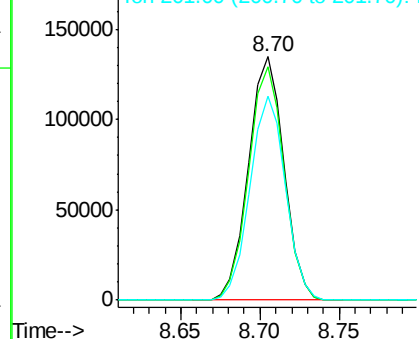
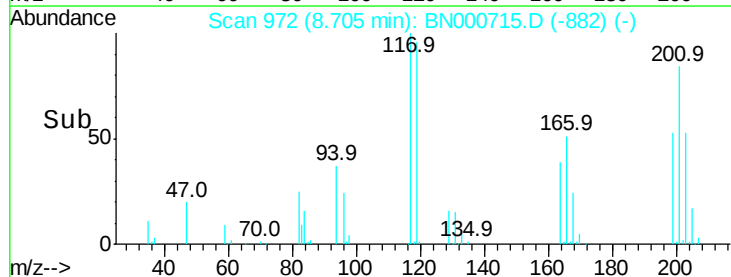


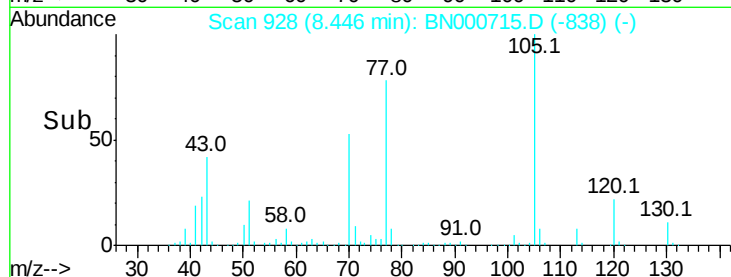
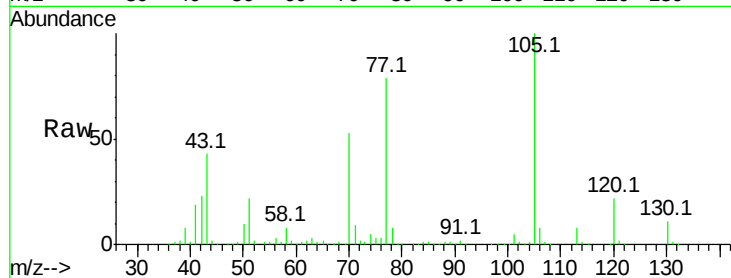
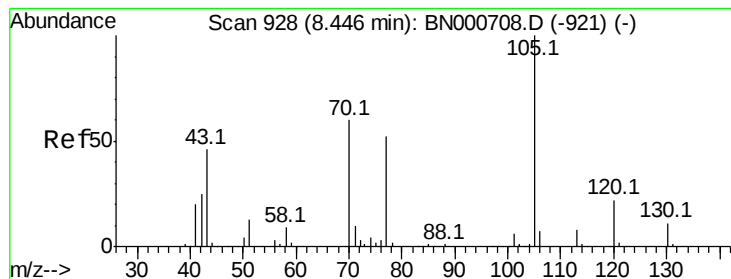
Abundance

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: 44.413 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 392053

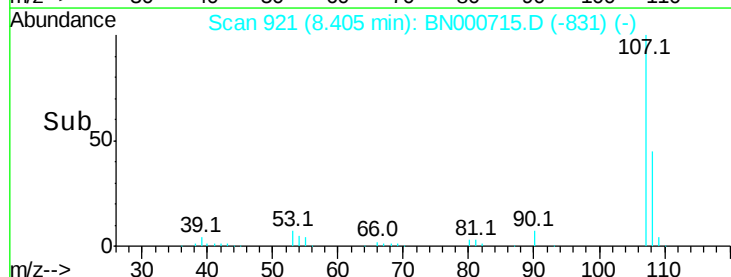
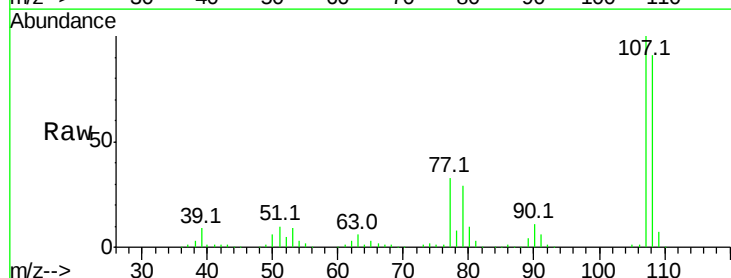
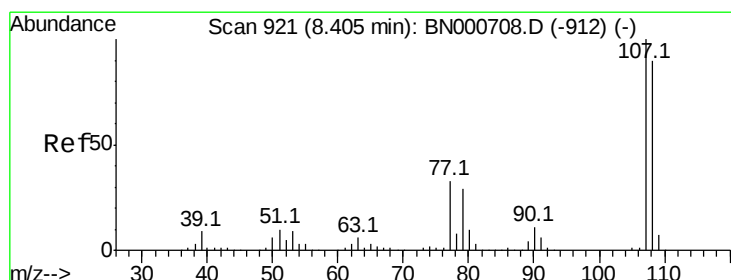
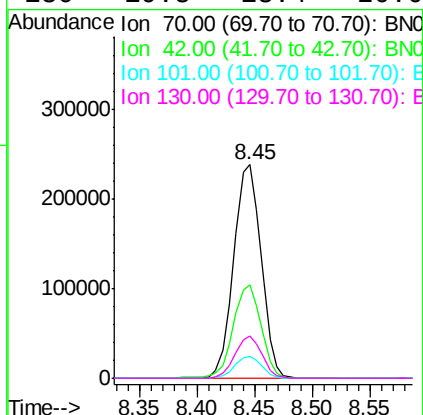
Ion Ratio Lower Upper

70 100

42 43.6 49.1 73.7#

101 10.2 8.5 12.7

130 19.8 13.4 20.0



#20

3+4-Methylphenols

Concen: 44.024 ng

RT: 8.40 min Scan# 921

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Tgt Ion:107 Resp: 604993

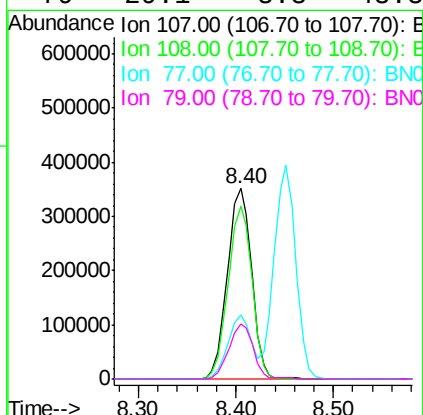
Ion Ratio Lower Upper

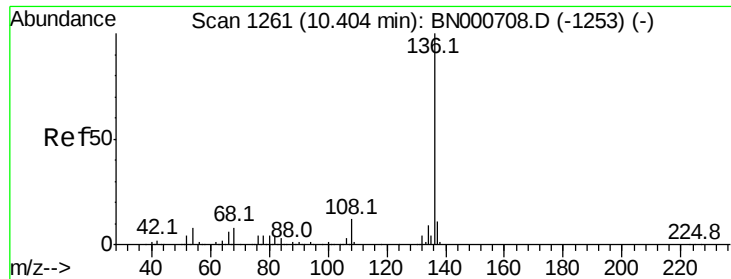
107 100

108 91.0 61.6 101.6

77 33.4 13.9 53.9

79 29.1 8.8 48.8

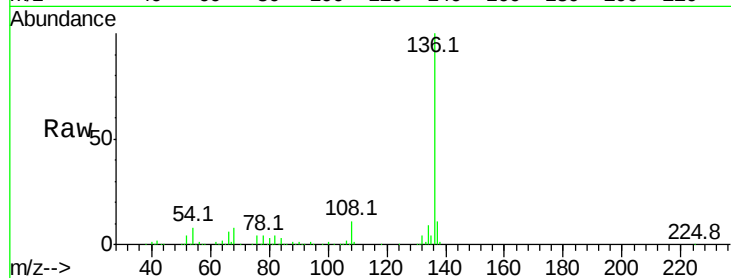




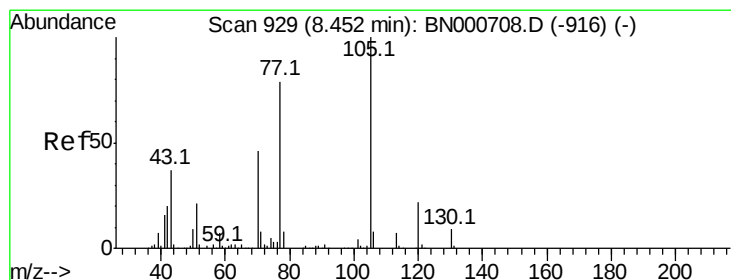
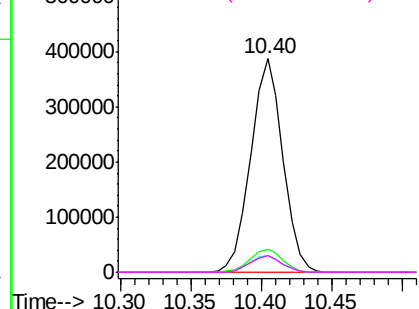
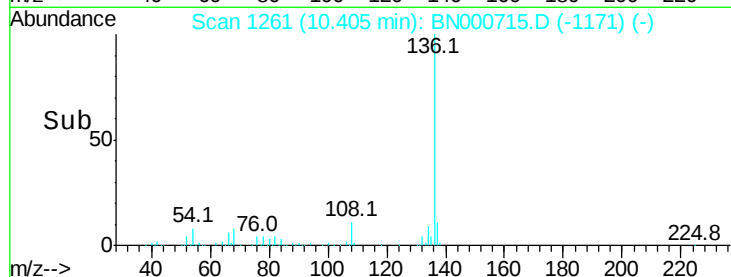
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	615574
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	7.6	10.3 15.5#
68	7.8	4.5 6.7#

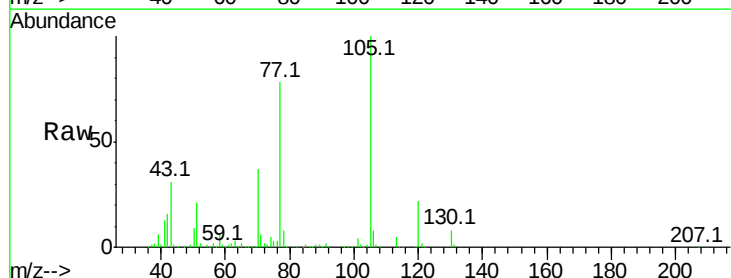


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

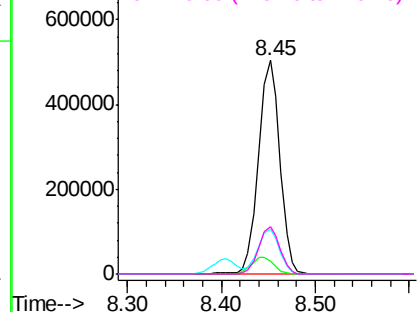
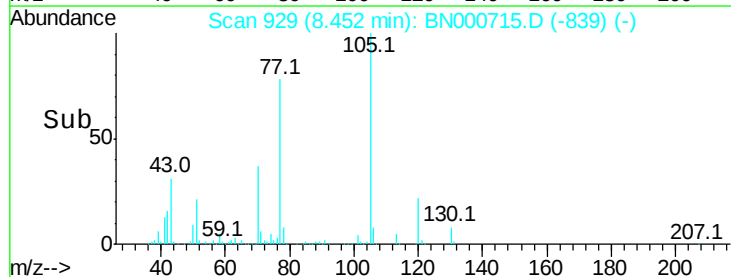


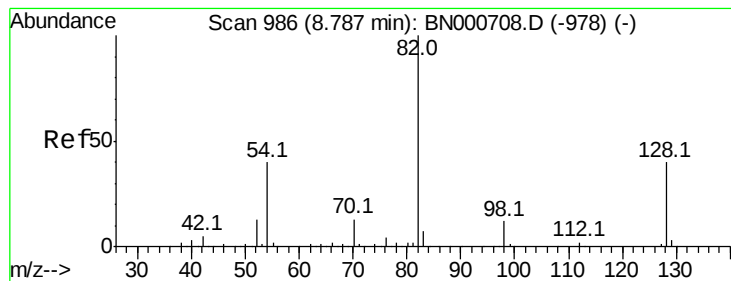
#22
Acetophenone
Concen: 44.834 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:105	Resp:	794643
Ion	Ratio	Lower Upper
105	100	
71	6.1	3.0 4.4#
51	21.0	26.1 39.1#
120	22.0	17.4 26.2



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





#23

Nitrobenzene-d5

Concen: 97.907 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

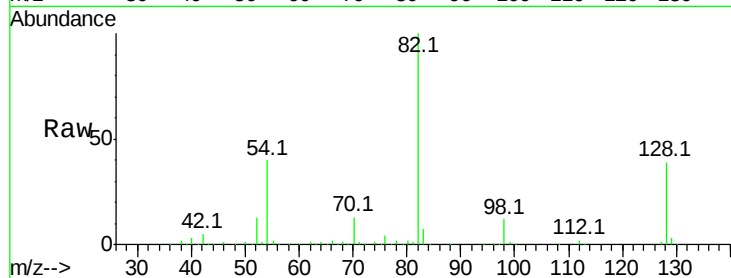
Tot Ion: 82 Resp: 1138913

Ion Ratio Lower Upper

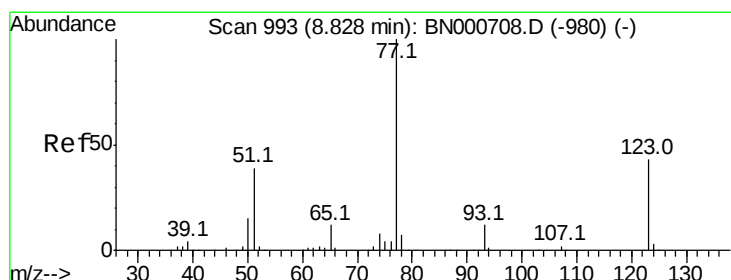
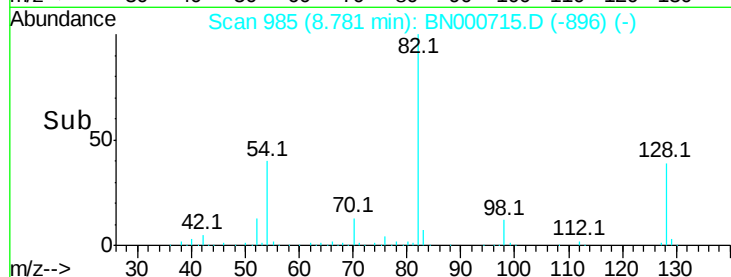
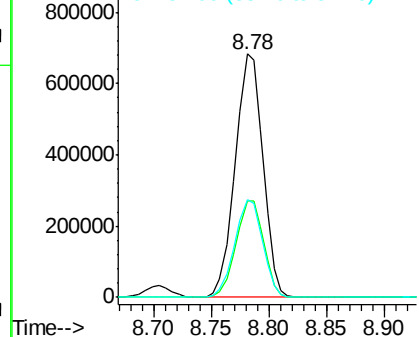
82 100

128 39.5 29.7 44.5

54 40.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 47.744 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

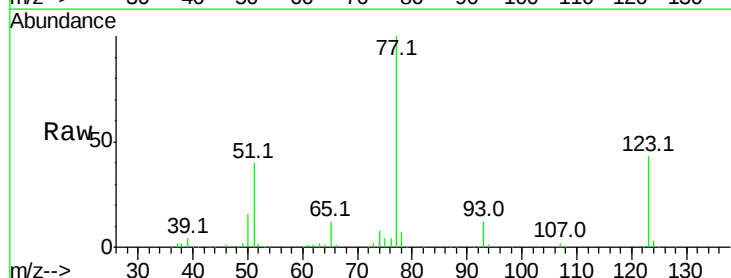
Tgt Ion: 77 Resp: 603072

Ion Ratio Lower Upper

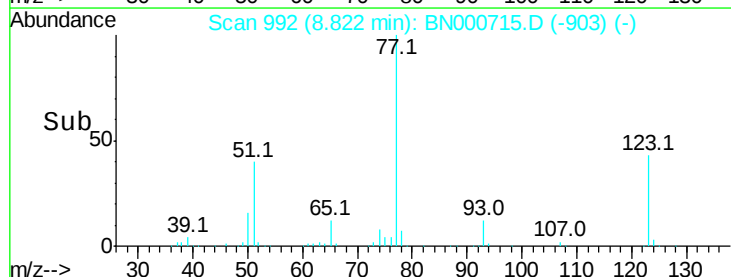
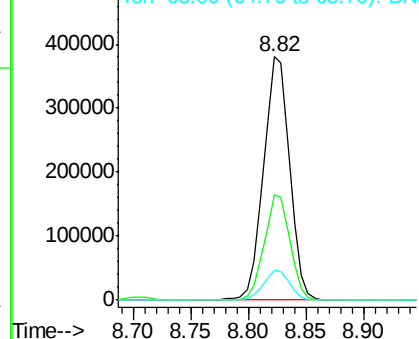
77 100

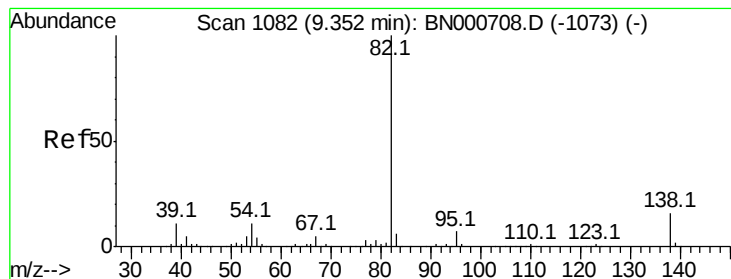
123 43.1 33.0 49.6

65 12.3 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): BNC
Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 49.577 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

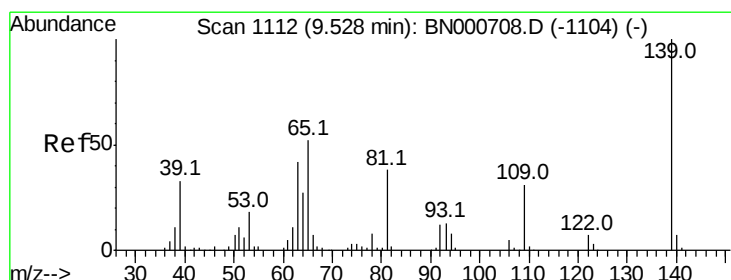
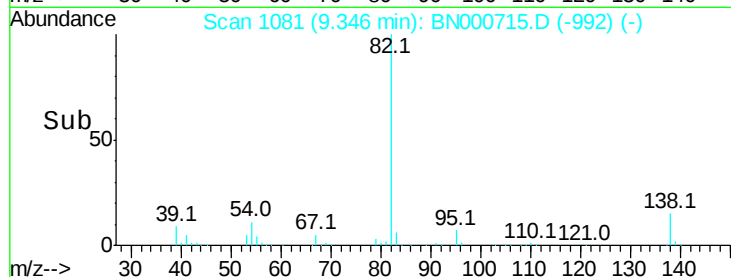
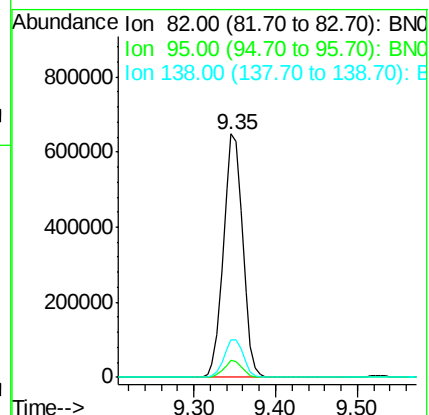
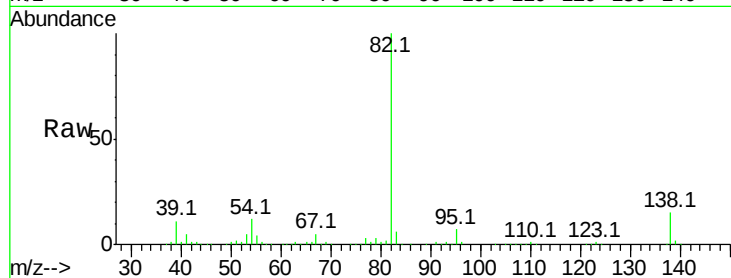
Tot Ion: 82 Resp: 1064643

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 15.4 12.1 18.1



#26

2-Nitrophenol

Concen: 49.355 ng

RT: 9.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

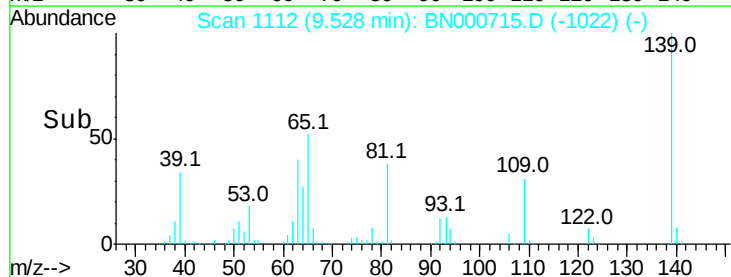
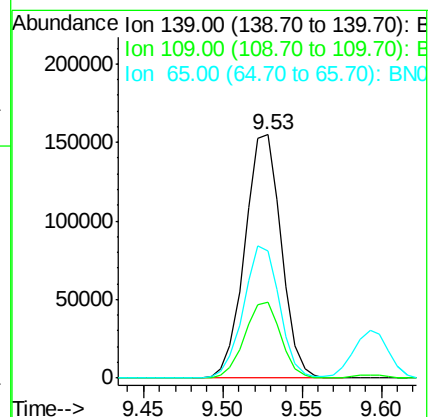
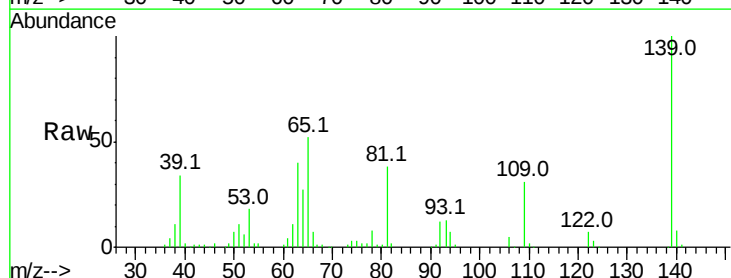
Tgt Ion: 139 Resp: 246777

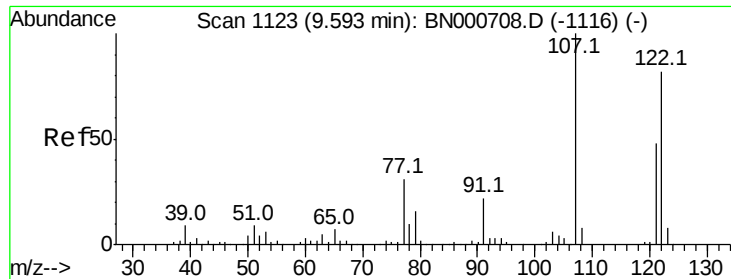
Ion Ratio Lower Upper

139 100

109 31.3 24.2 36.2

65 52.2 47.4 71.0

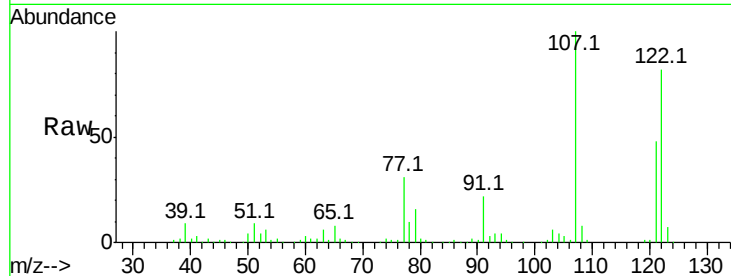




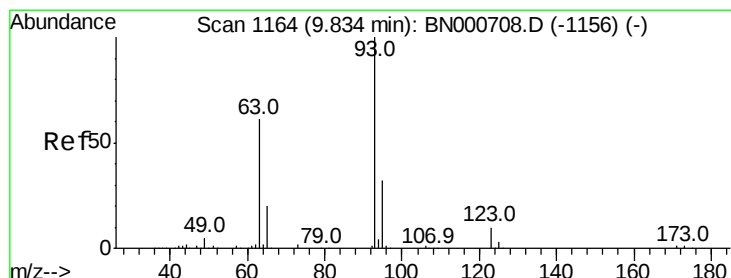
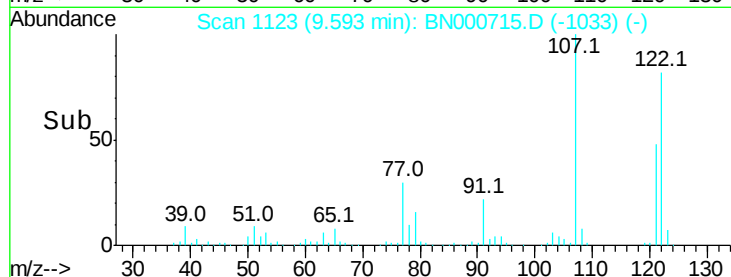
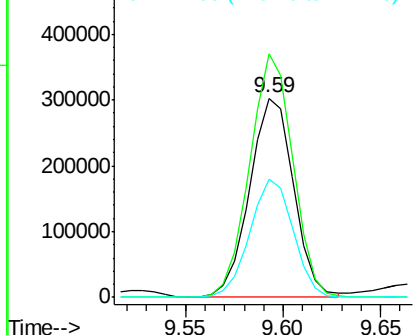
#27
 2,4-Dimethylphenol
 Concen: 55.484 ng
 RT: 9.59 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:122 Resp: 472561
 Ion Ratio Lower Upper
 122 100
 107 122.3 100.2 150.2
 121 59.1 44.4 66.6

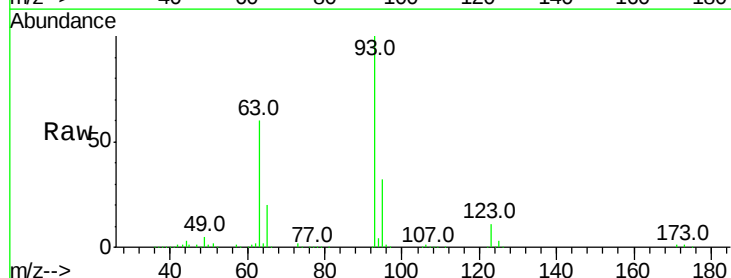


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

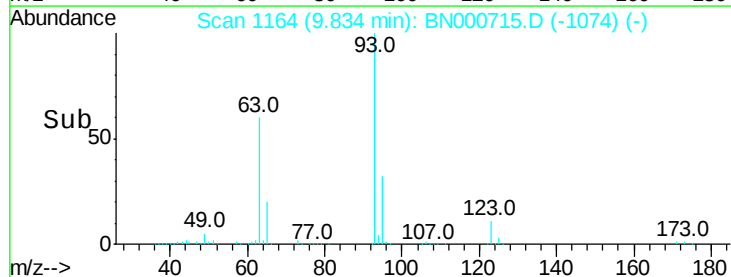
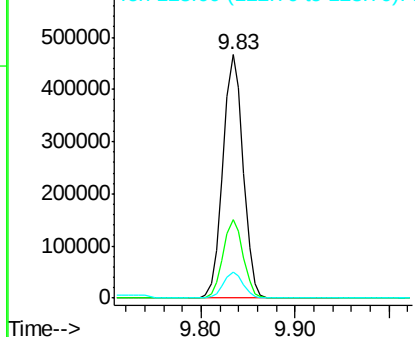


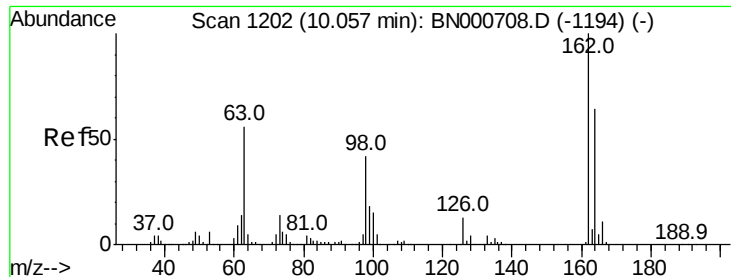
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.644 ng
 RT: 9.83 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion: 93 Resp: 701391
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 10.6 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

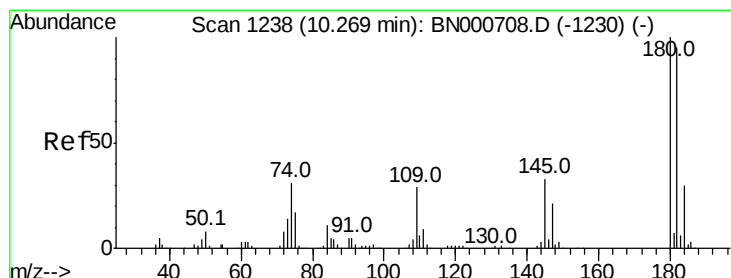
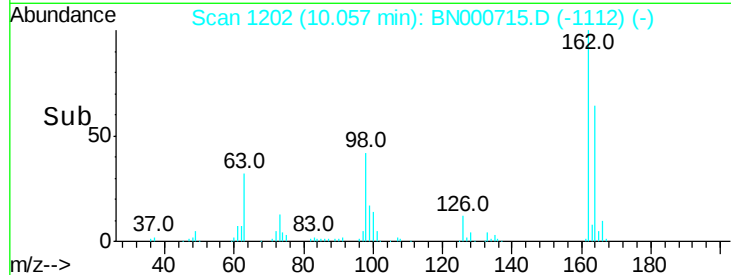
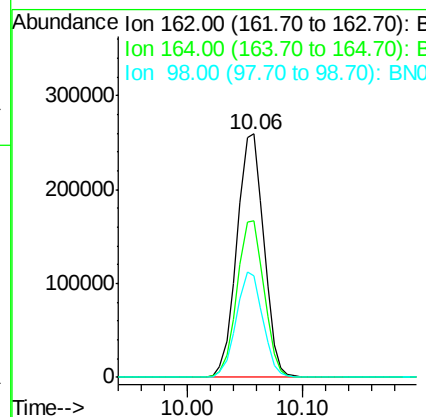
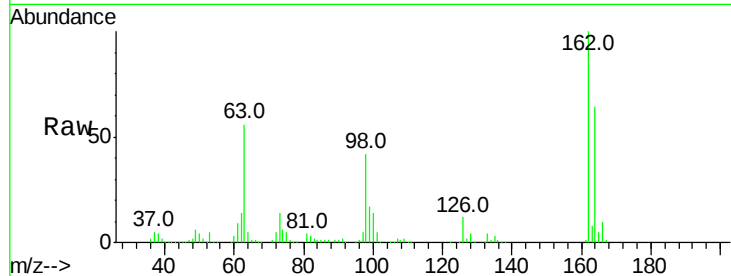




#29
 2,4-Dichlorophenol
 Concen: 50.899 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

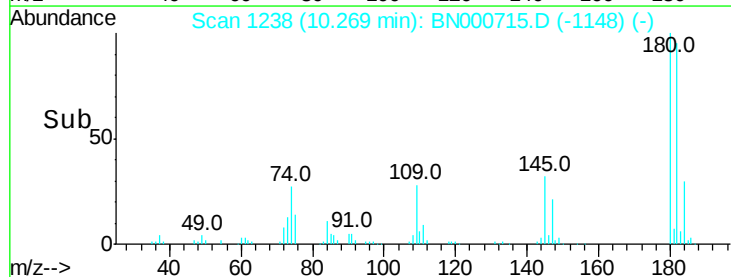
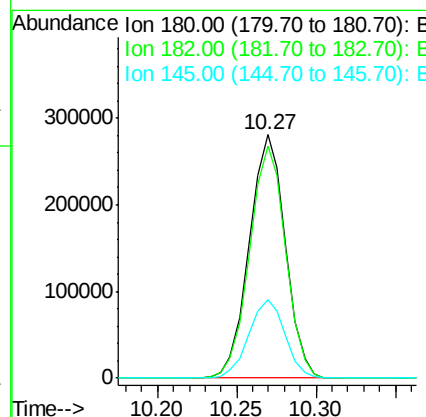
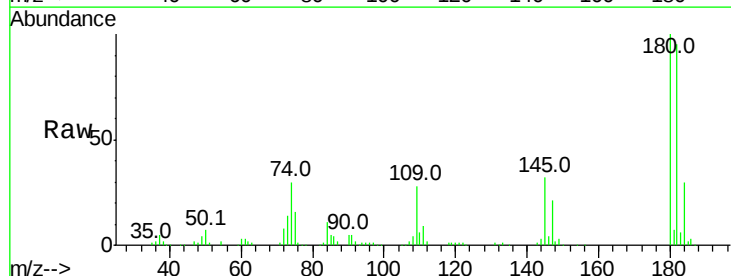
Instrument :
 BNA_N
 ClientSampleId :

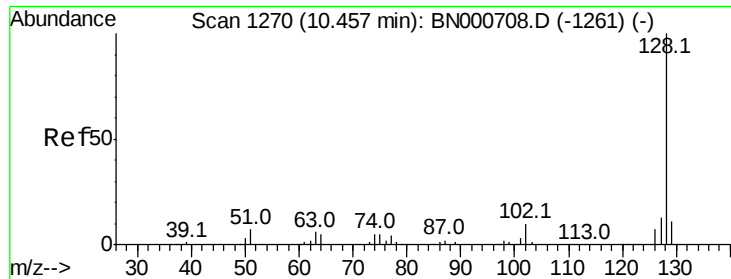
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	41.8	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.485 ng
 RT: 10.27 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	32.3	23.4	35.2

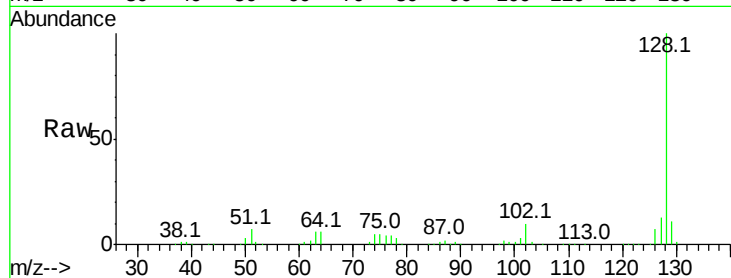




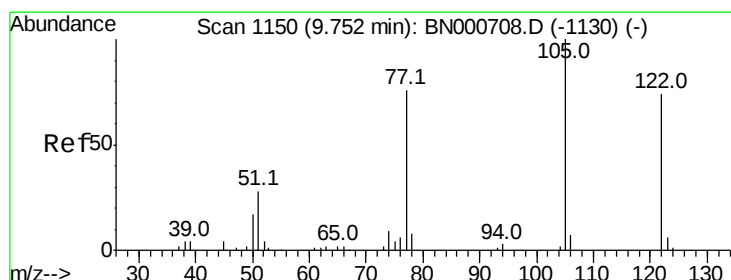
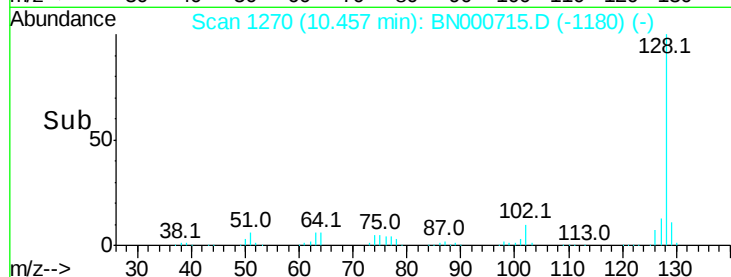
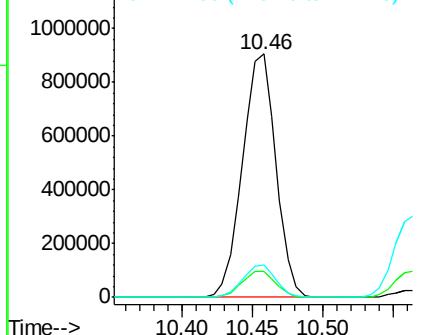
#31
Naphthalene
Concen: 45.246 ng
RT: 10.46 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 1504953
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 11.6 17.4

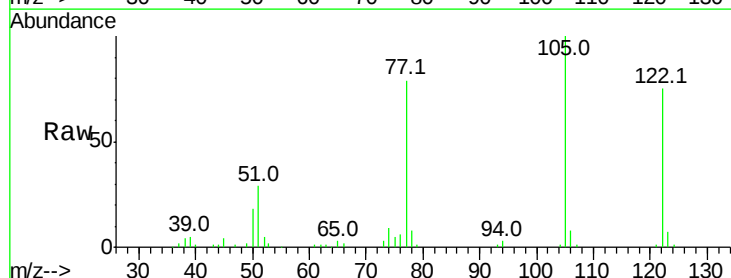


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

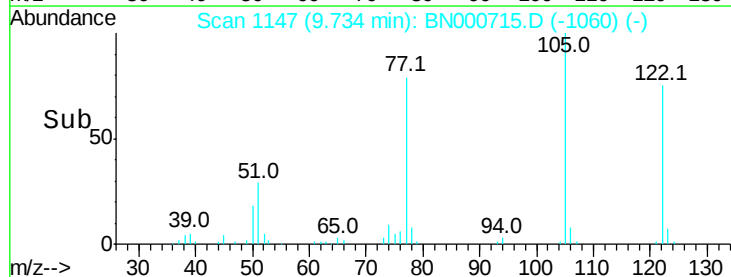
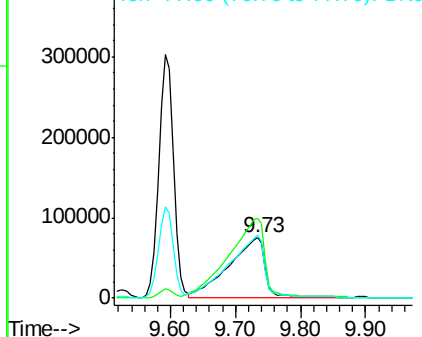


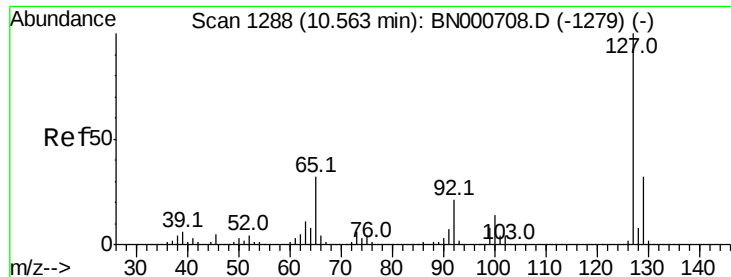
#32
Benzoic acid
Concen: 38.257 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:122 Resp: 287400
Ion Ratio Lower Upper
122 100
105 133.3 123.5 163.5
77 104.7 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

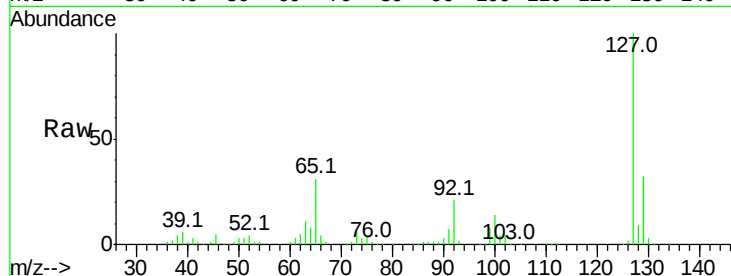




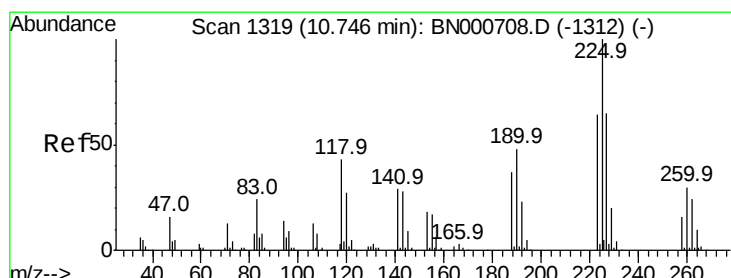
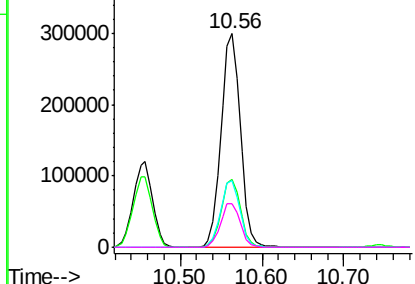
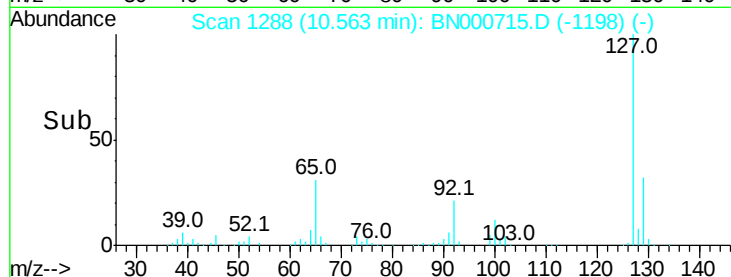
#33
4-Chloroaniline
Concen: 36.553 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	494141
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	31.3	27.0	40.4
92	20.7	16.6	25.0

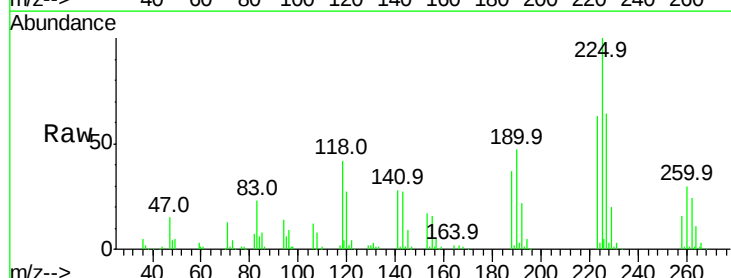


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

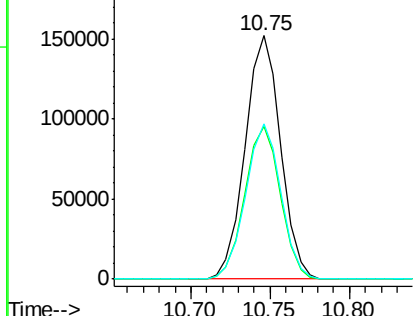
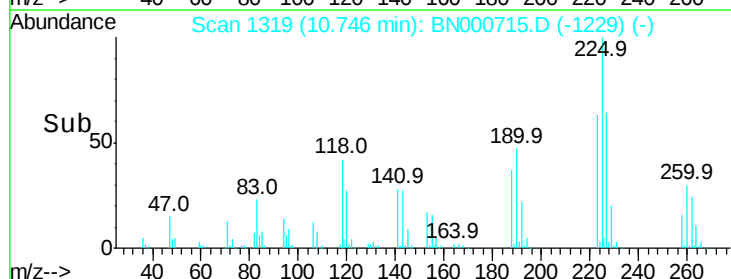


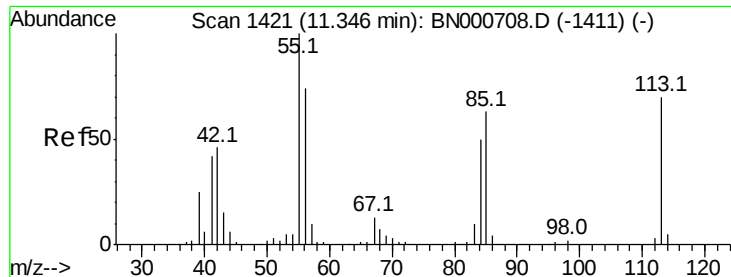
#34
Hexachlorobutadiene
Concen: 43.994 ng
RT: 10.75 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:	225	Resp:	235694
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.7	48.1	72.1



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





#35

Caprolactam

Concen: 47.333 ng

RT: 11.33 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

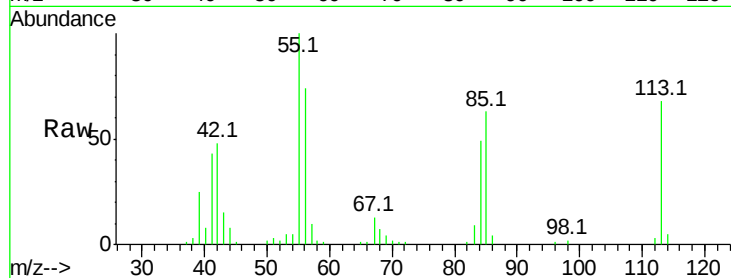
Tot Ion:113 Resp: 127730

Ion Ratio Lower Upper

113 100

55 147.7 120.0 160.0

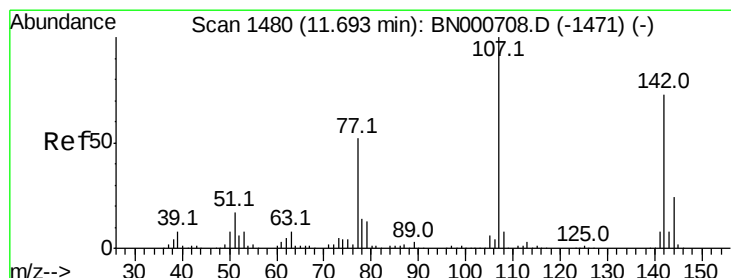
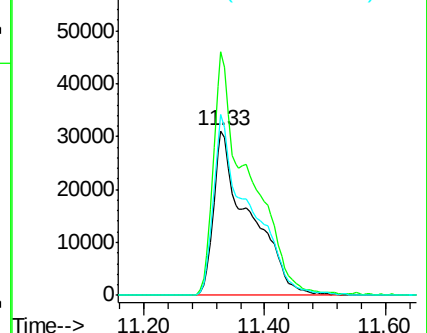
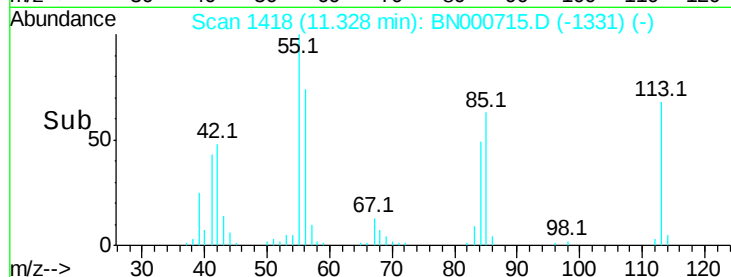
56 109.4 90.0 130.0



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: 48.939 ng

RT: 11.69 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

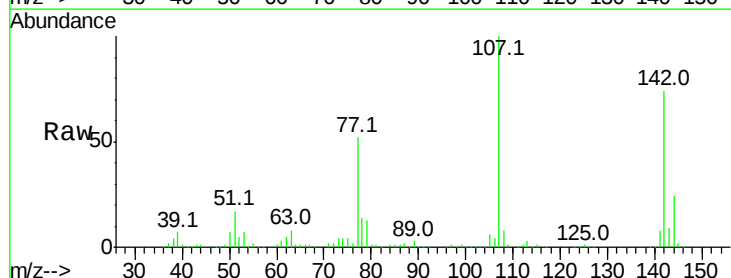
Tgt Ion:107 Resp: 481457

Ion Ratio Lower Upper

107 100

144 23.6 18.2 27.4

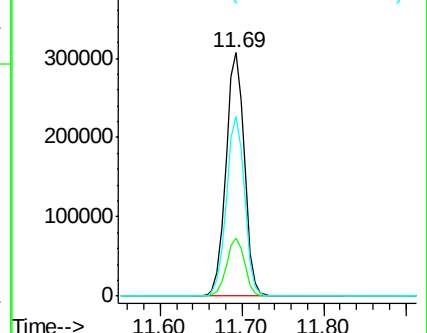
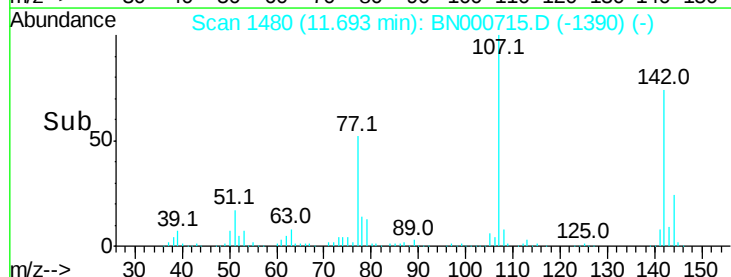
142 73.6 59.0 88.4

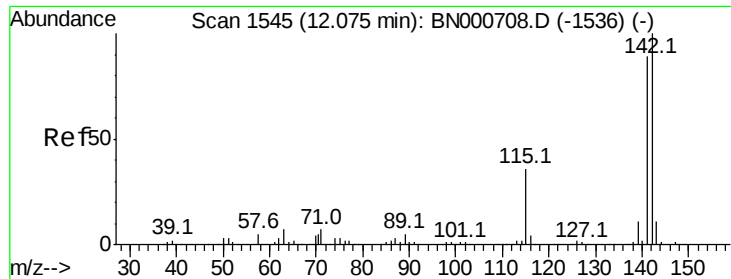


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

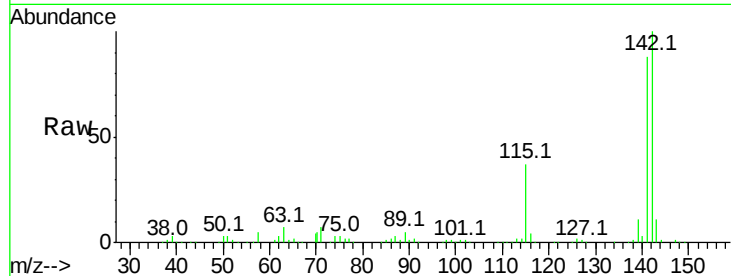




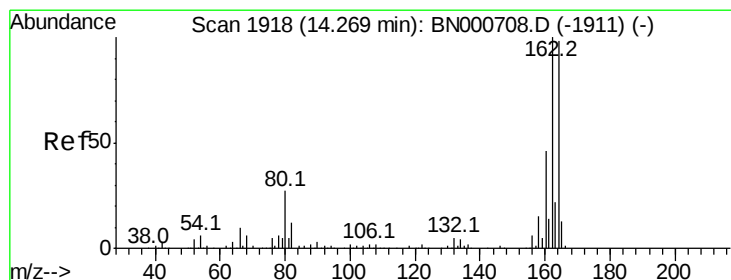
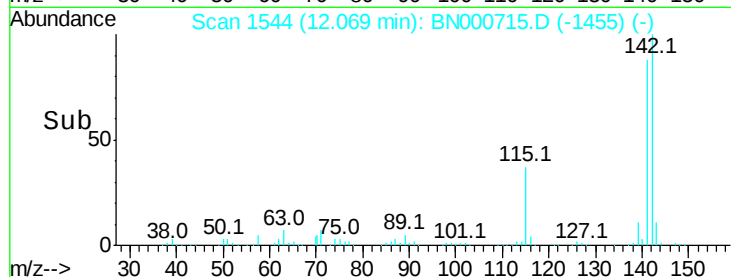
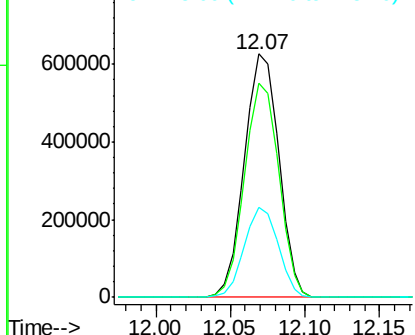
#37
 2-Methylnaphthalene
 Concen: 46.106 ng
 RT: 12.07 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 1003543
 Ion Ratio Lower Upper
 142 100
 141 87.7 67.1 100.7
 115 36.8 30.7 46.1

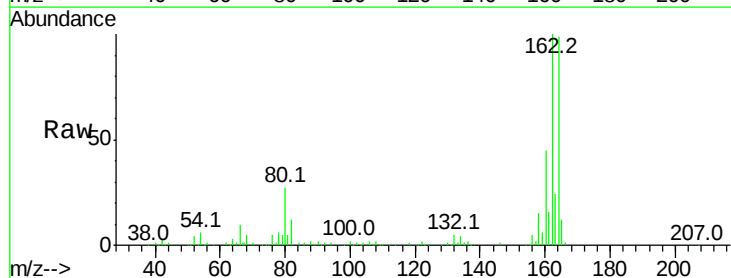


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

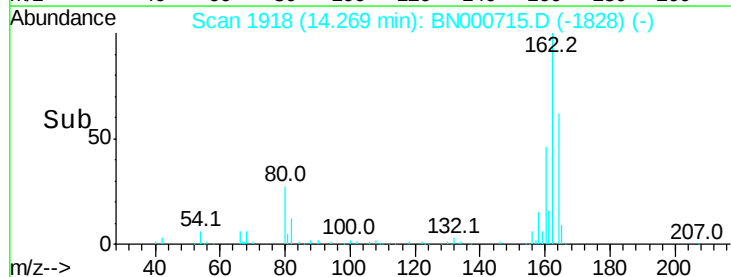
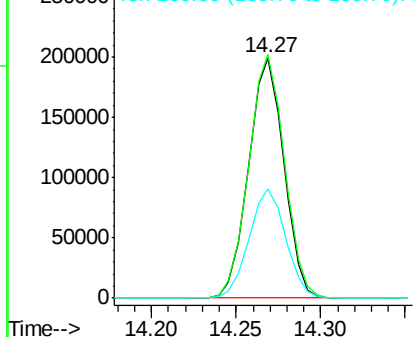


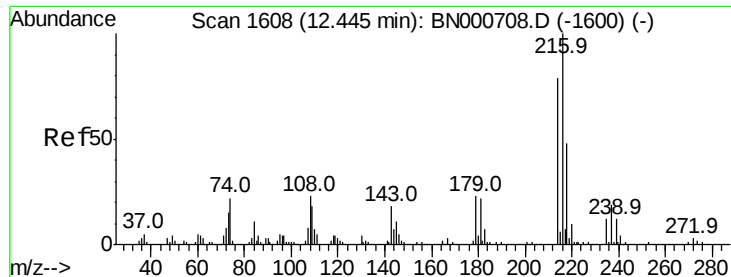
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:164 Resp: 289343
 Ion Ratio Lower Upper
 164 100
 162 101.4 78.8 118.2
 160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.443 ng

RT: 12.45 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 430994

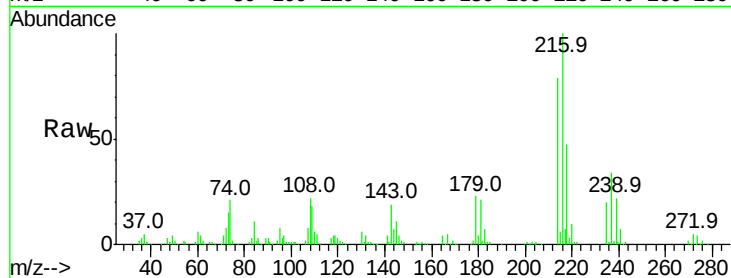
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.5	17.0	25.6
108	27.4	12.8	19.2

216 100

214 78.7 63.0 94.4

179 22.5 17.0 25.6

108 27.4 12.8 19.2#

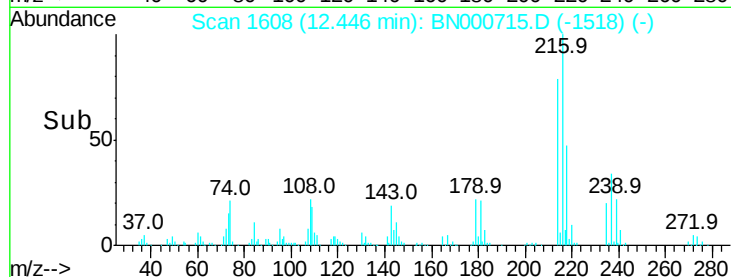


Abundance Ion 216.00 (215.70 to 216.70): E

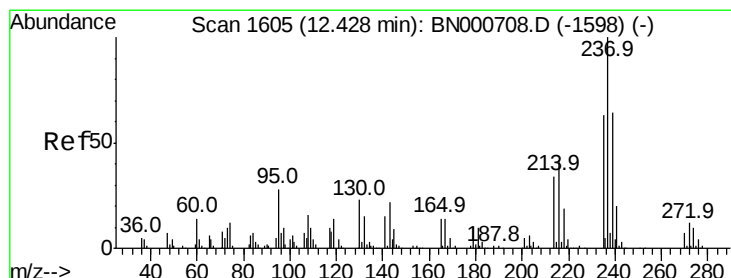
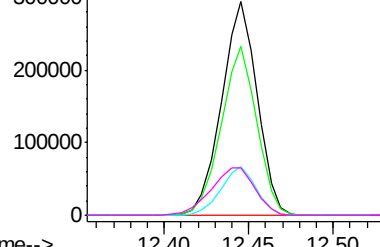
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 119.142 ng

RT: 12.43 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

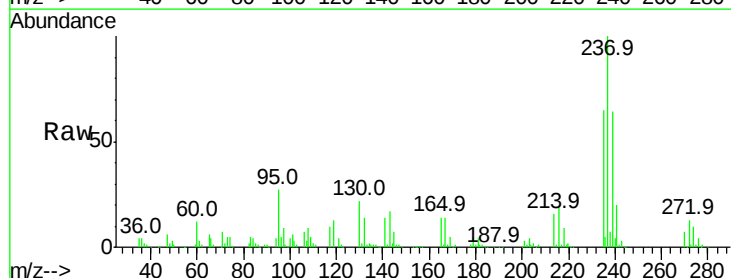
Tgt Ion:237 Resp: 591148

Ion	Ratio	Lower	Upper
237	100		
235	64.9	50.4	90.4
272	12.7	0.0	31.8

237 100

235 64.9 50.4 90.4

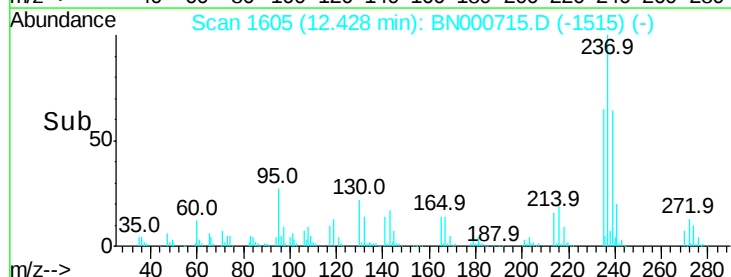
272 12.7 0.0 31.8



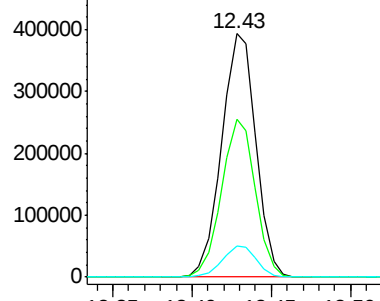
Abundance Ion 236.80 (236.50 to 237.50): E

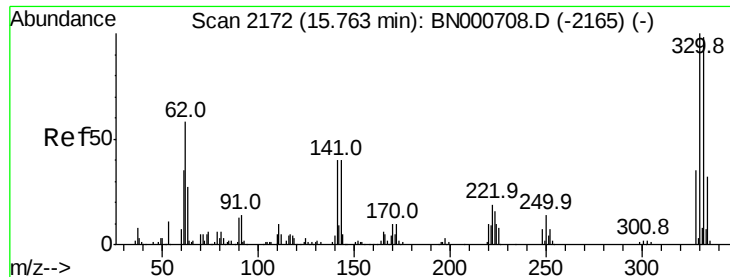
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

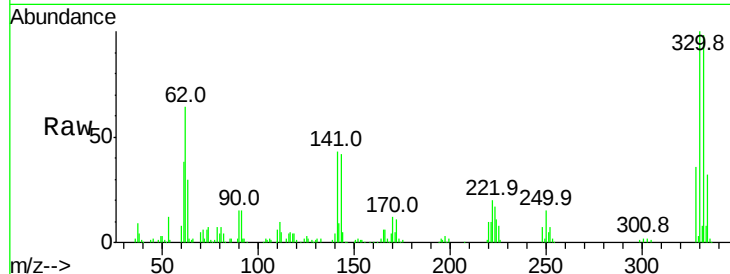




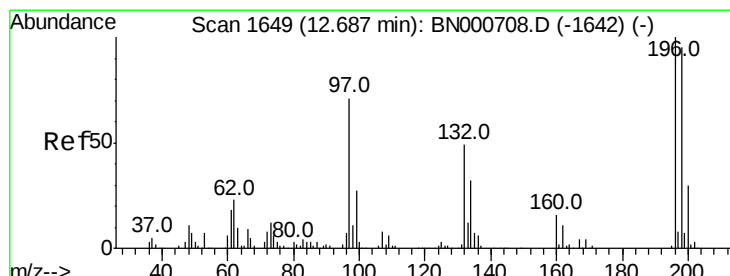
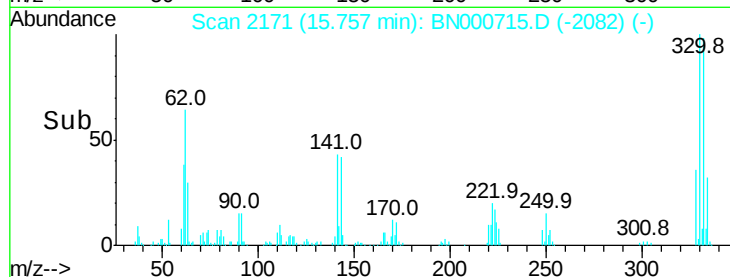
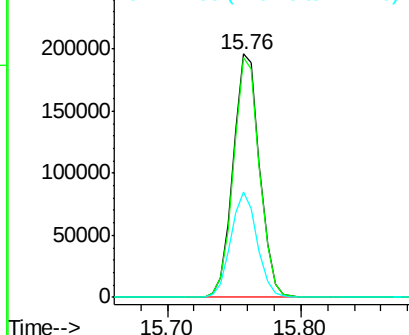
#41
 2,4,6-Tribromophenol
 Concen: 94.991 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	43.1	25.2	37.8#

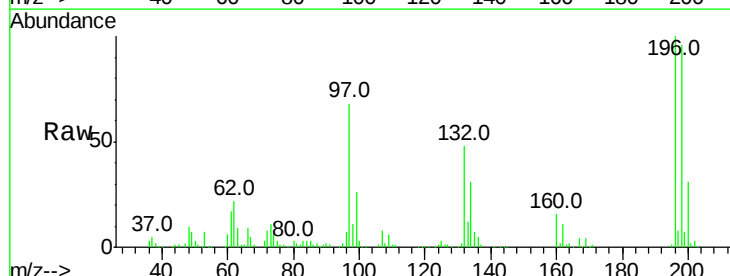


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

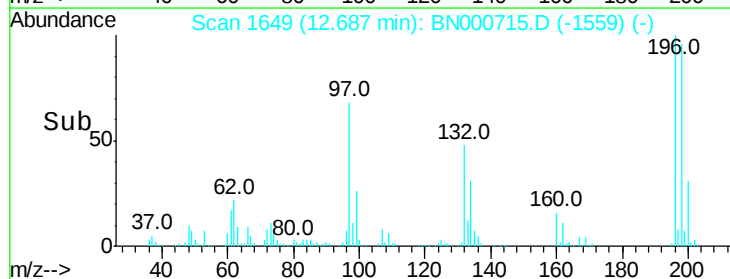
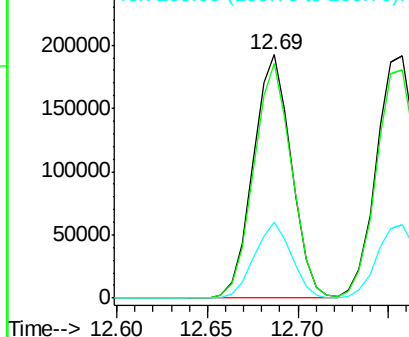


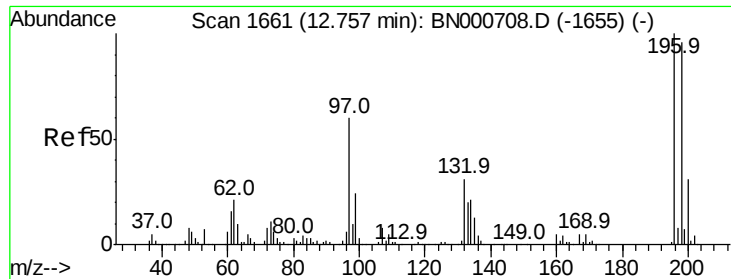
#42
 2,4,6-Trichlorophenol
 Concen: 53.609 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.2	117.2
200	31.1	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

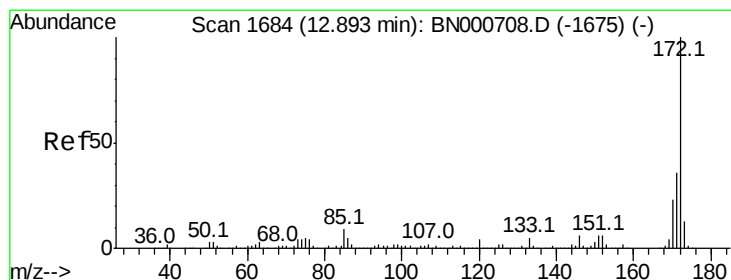
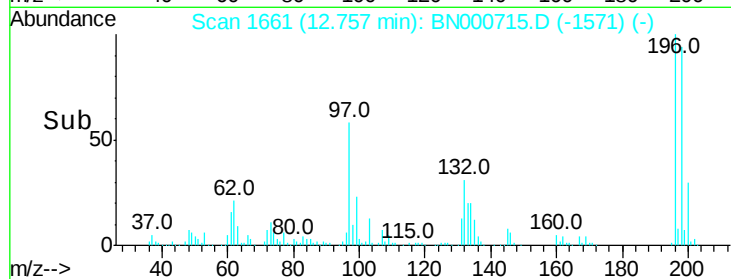
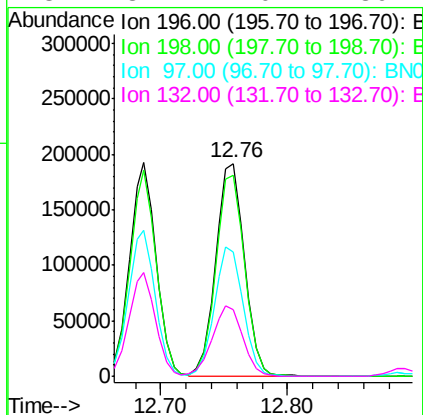
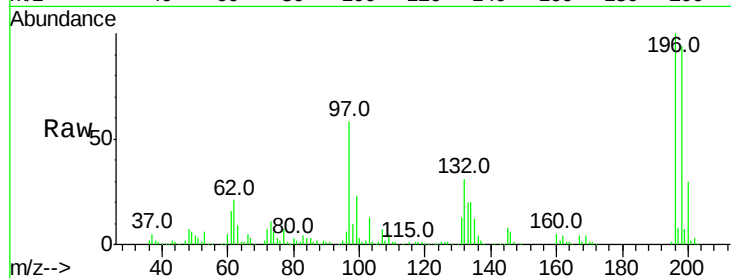




#43
 2,4,5-Trichlorophenol
 Concen: 49.478 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

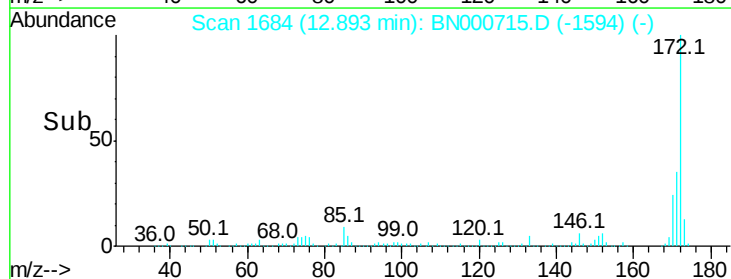
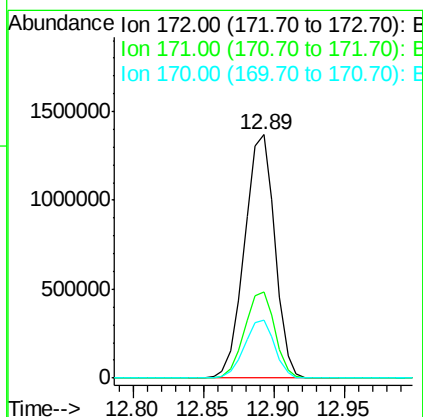
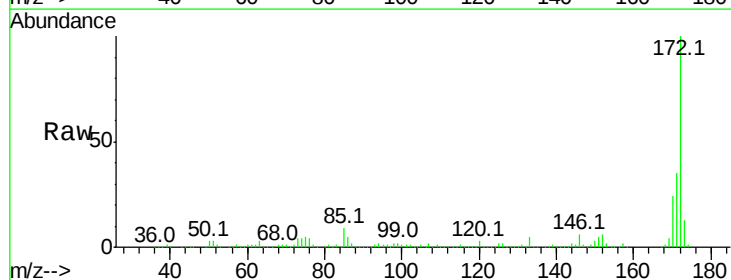
Instrument :
 BNA_N
 ClientSampled :

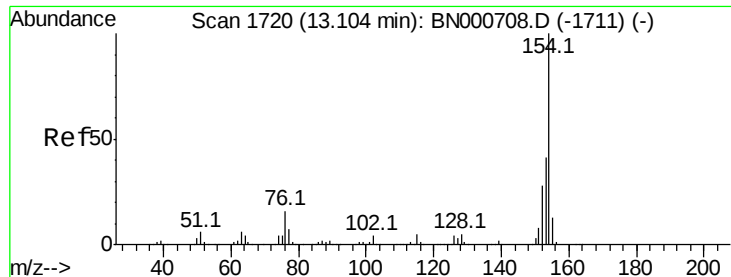
Tot Ion:	196	Resp:	302506
Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.4
97	58.3	38.7	58.1#
132	31.1	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 98.014 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:	172	Resp:	2057667
Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.7	19.5	29.3





#45

1,1'-Biphenyl

Concen: 46.824 ng

RT: 13.10 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

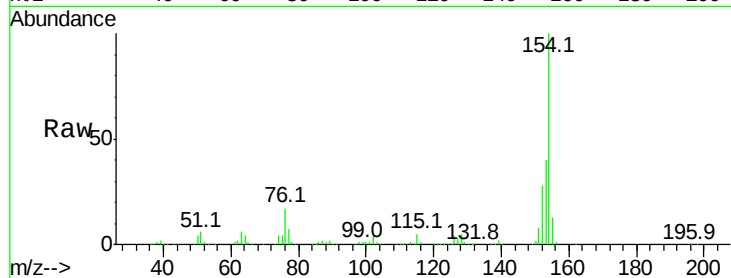
Tot Ion:154 Resp: 1216290

Ion Ratio Lower Upper

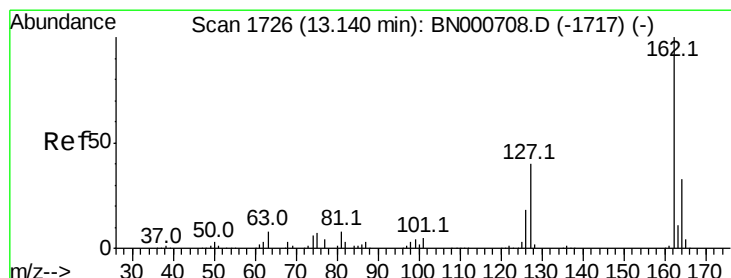
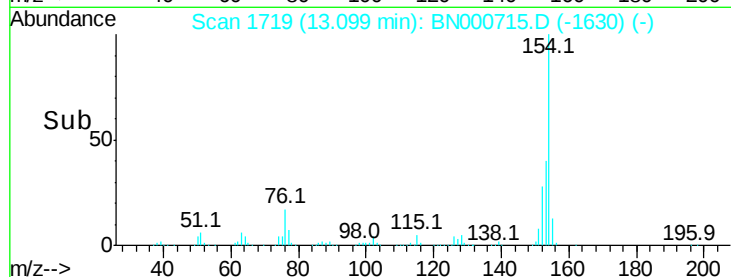
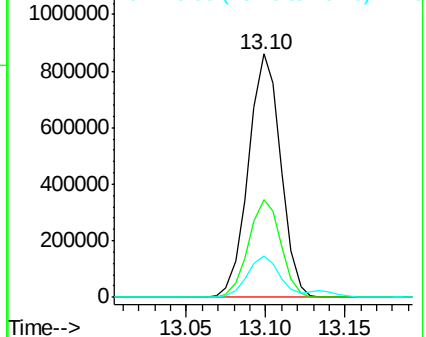
154 100

153 40.1 19.8 59.8

76 16.9 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: 46.810 ng

RT: 13.13 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

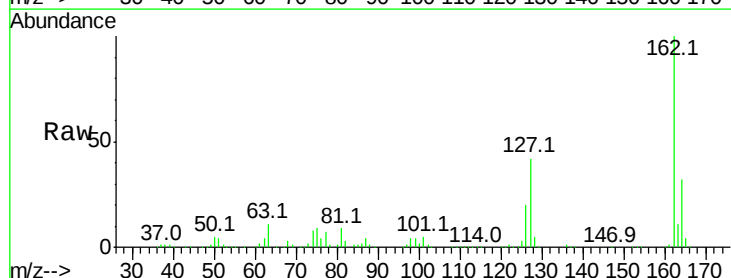
Tgt Ion:162 Resp: 913774

Ion Ratio Lower Upper

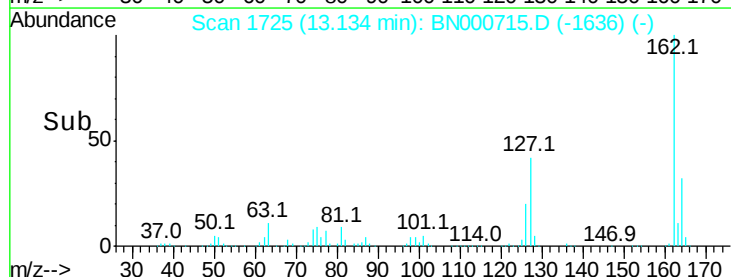
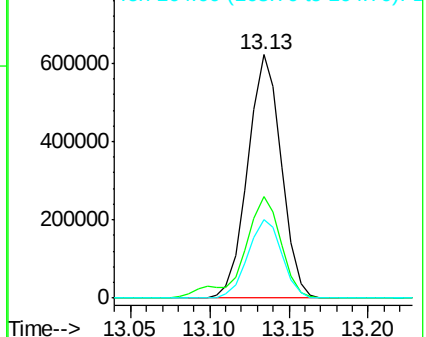
162 100

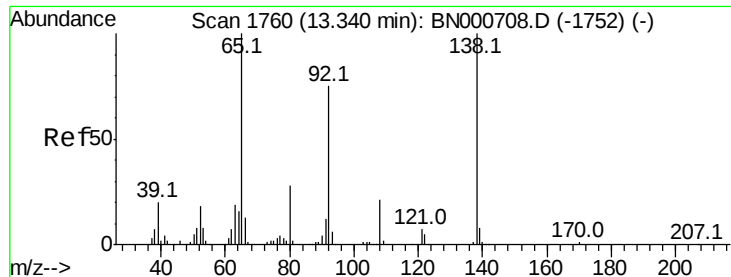
127 41.6 30.7 46.1

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: 49.217 ng

RT: 13.34 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

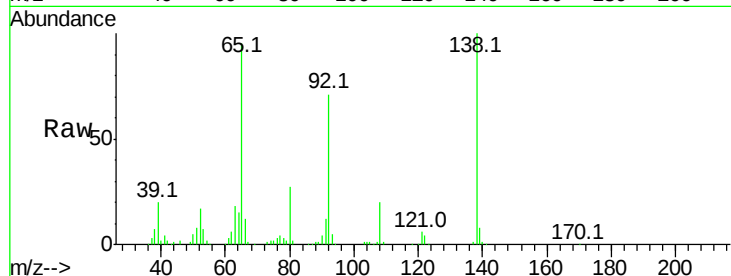
Tot Ion: 65 Resp: 272488

Ion Ratio Lower Upper

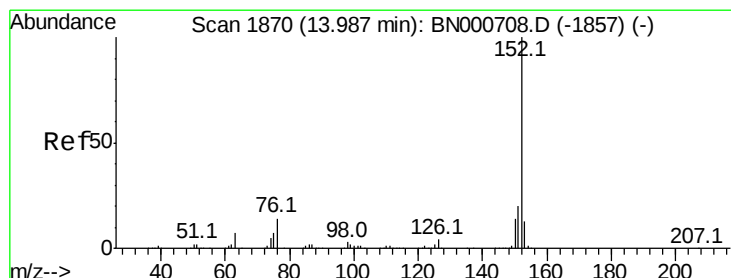
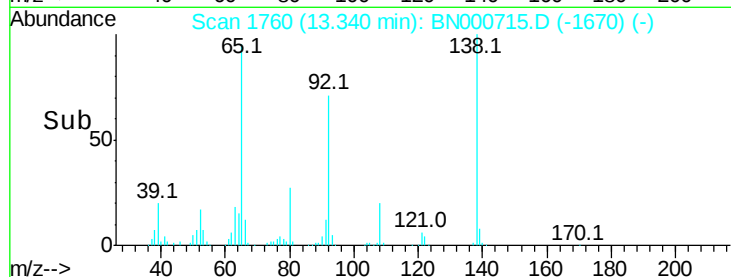
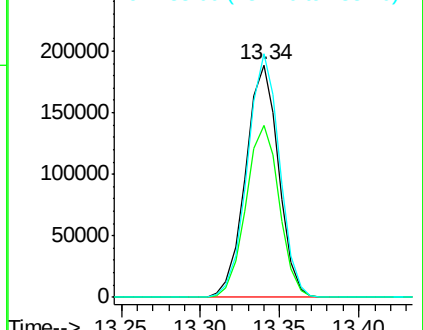
65 100

92 74.1 54.6 82.0

138 104.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 46.384 ng

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

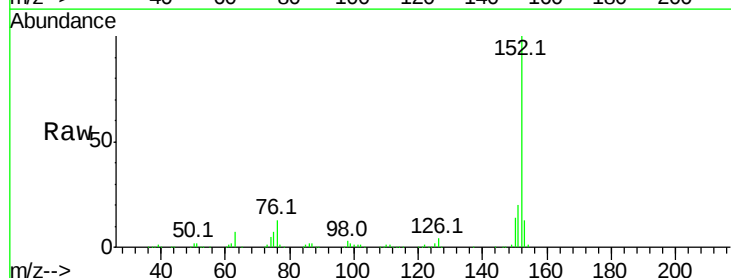
Tgt Ion: 152 Resp: 1426792

Ion Ratio Lower Upper

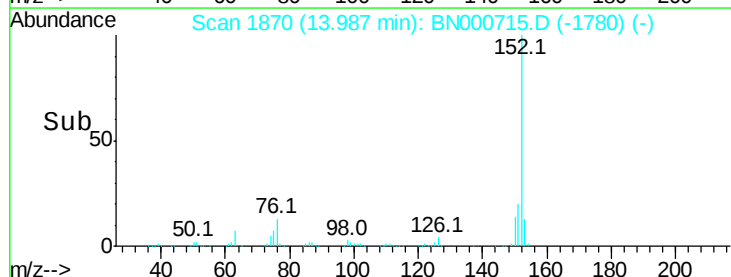
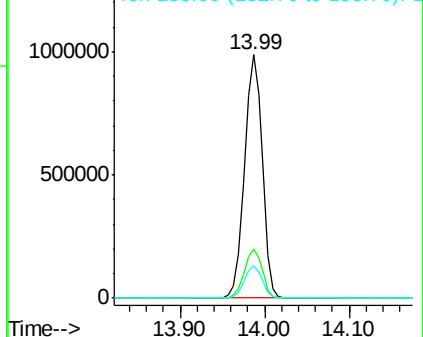
152 100

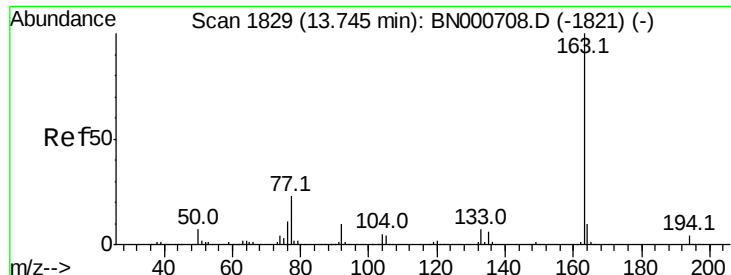
151 20.2 17.2 25.8

153 13.1 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

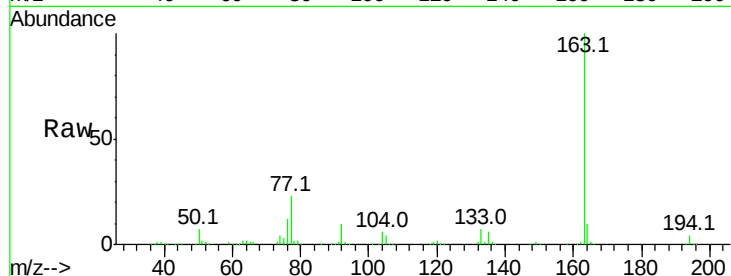




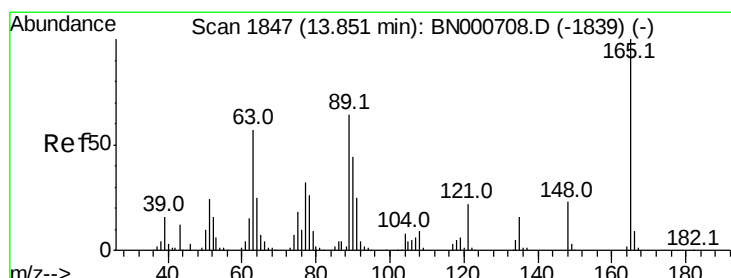
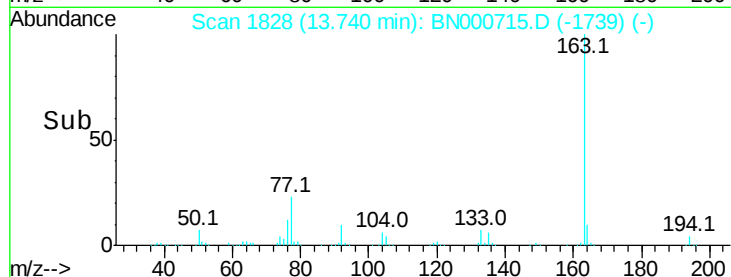
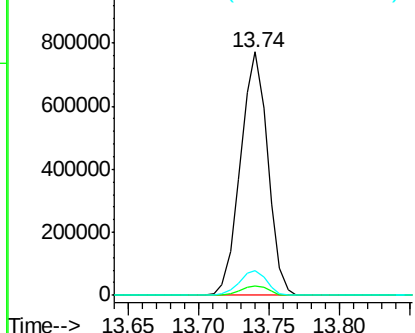
#49
Dimethylphthalate
Concen: 45.205 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampled :

Tot Ion:163 Resp: 1041208
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.0 8.2 12.4

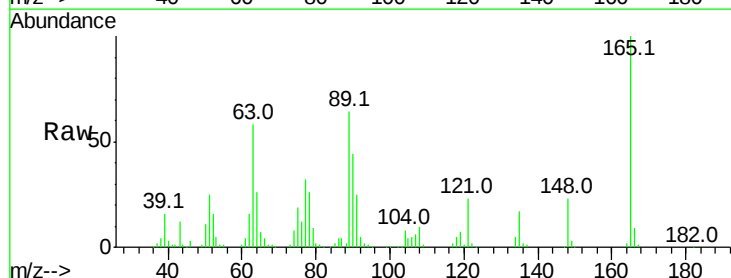


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

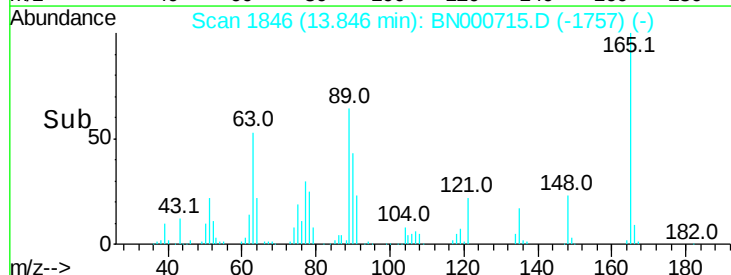
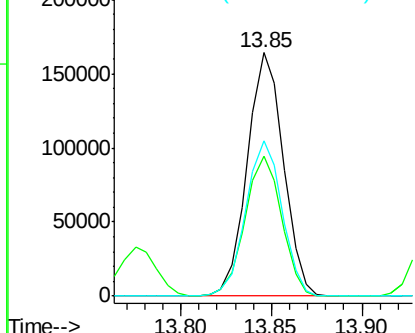


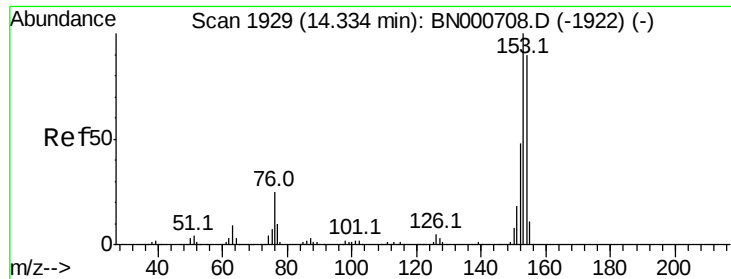
#50
2,6-Dinitrotoluene
Concen: 47.707 ng
RT: 13.85 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:165 Resp: 227531
Ion Ratio Lower Upper
165 100
63 57.6 52.7 79.1
89 63.8 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: 44.369 ng

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

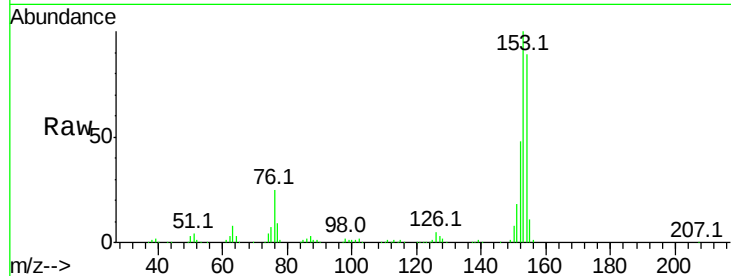
Tot Ion:154 Resp: 843307

Ion Ratio Lower Upper

154 100

153 112.3 90.4 135.6

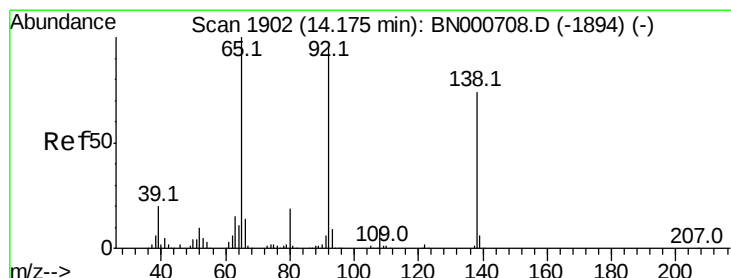
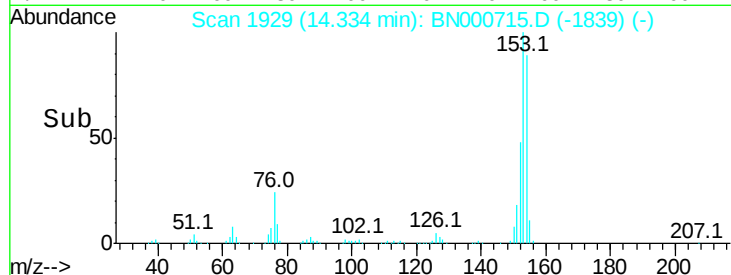
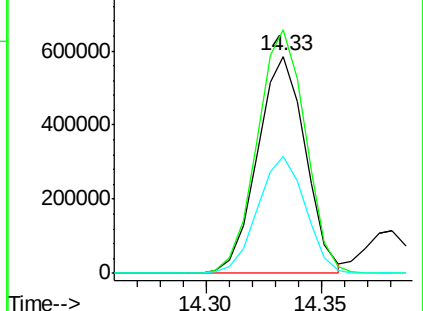
152 54.0 41.6 62.4



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: 35.718 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

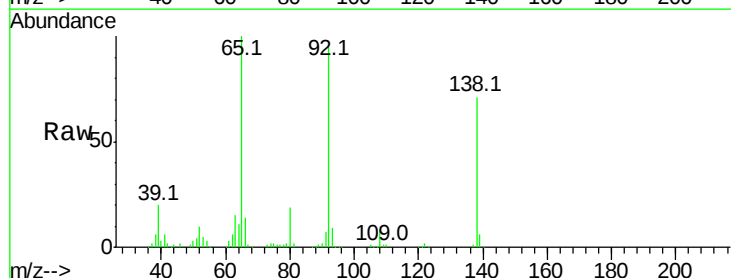
Tgt Ion:138 Resp: 195098

Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

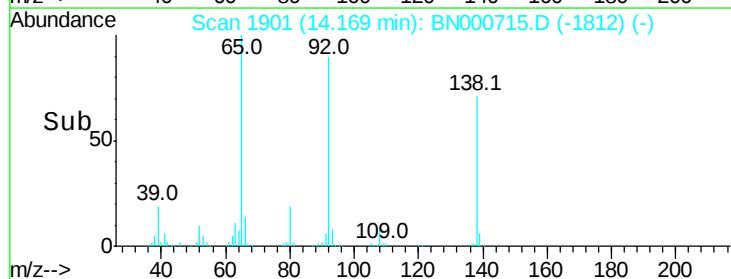
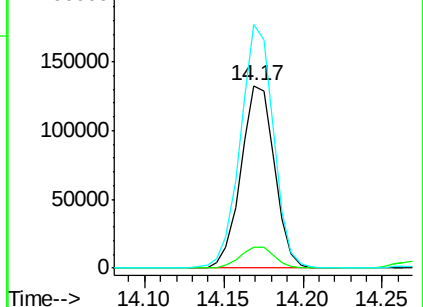
92 133.5 105.8 158.8

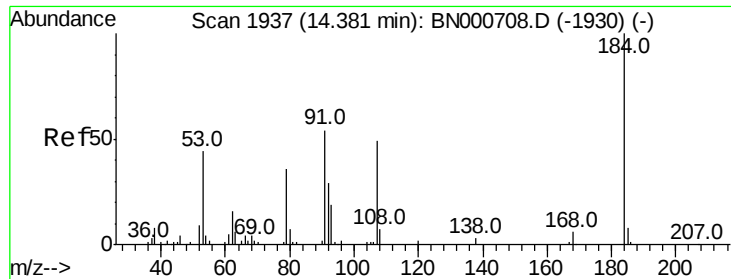


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

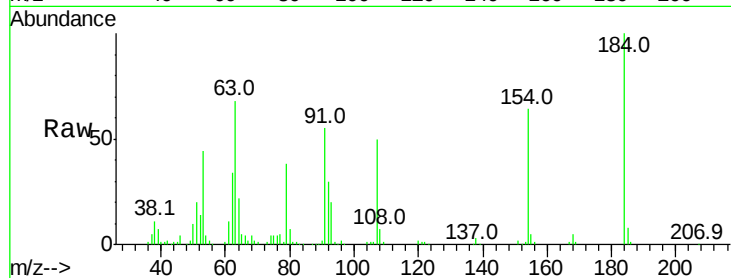




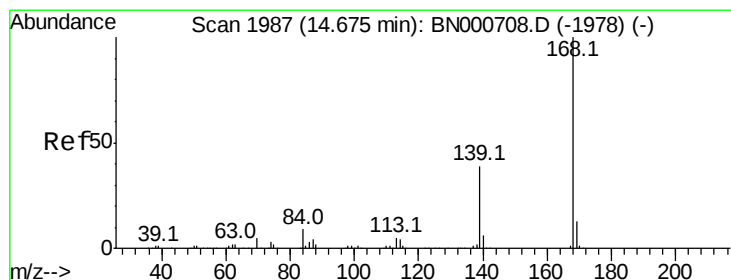
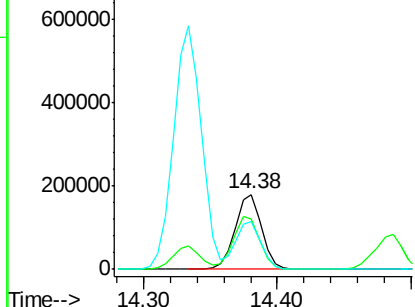
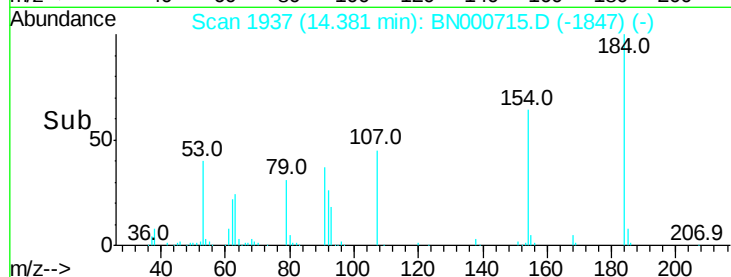
#53
2,4-Dinitrophenol
Concen: 97.989 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 247576
Ion Ratio Lower Upper
184 100
63 67.9 56.0 84.0
154 64.0 48.0 72.0

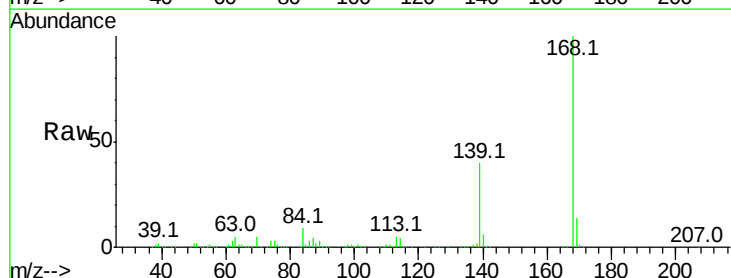


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

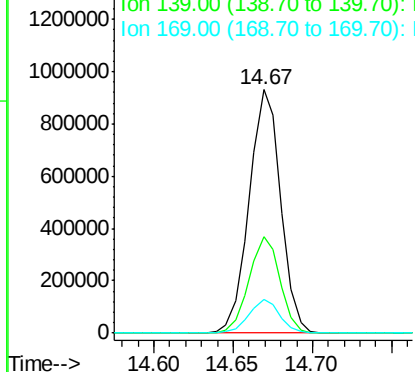
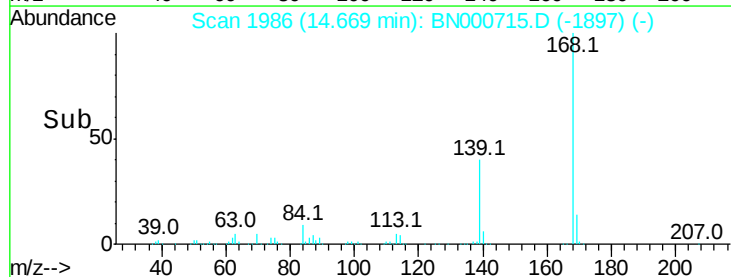


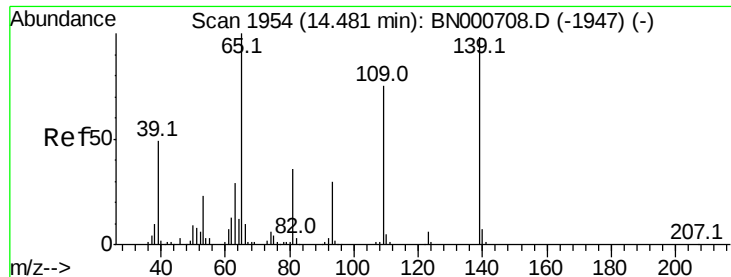
#54
Dibenzofuran
Concen: 47.018 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:168 Resp: 1284706
Ion Ratio Lower Upper
168 100
139 39.7 28.6 43.0
169 13.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 101.340 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

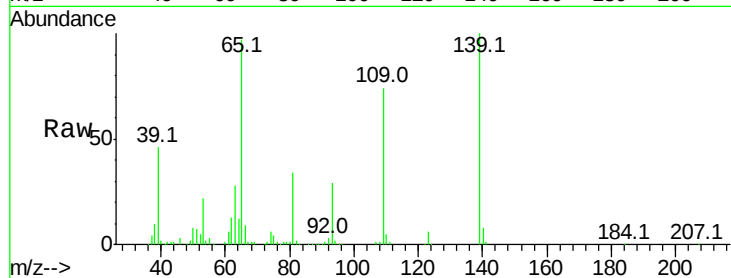
Tot Ion:139 Resp: 421312

Ion Ratio Lower Upper

139 100

109 74.3 62.2 102.2

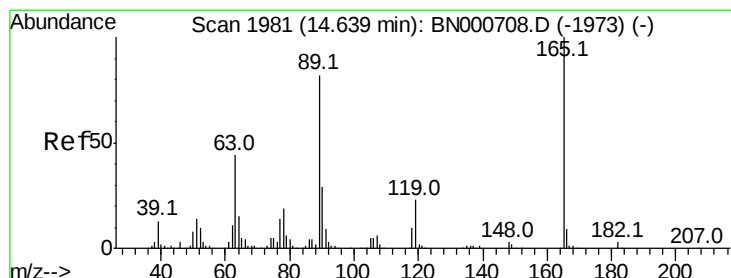
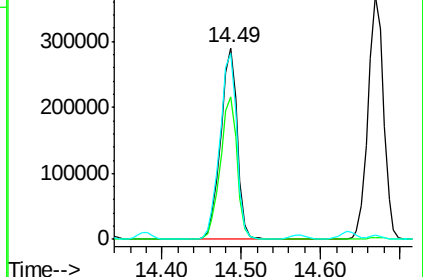
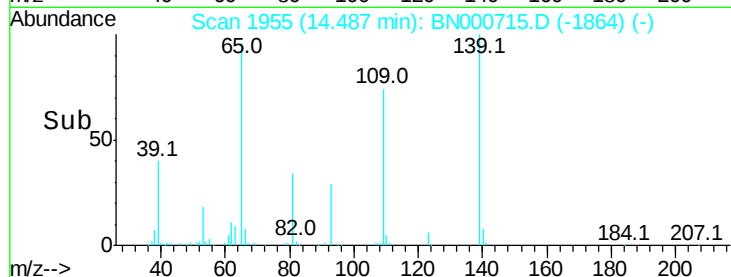
65 97.2 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 48.333 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Tgt Ion:165 Resp: 299303

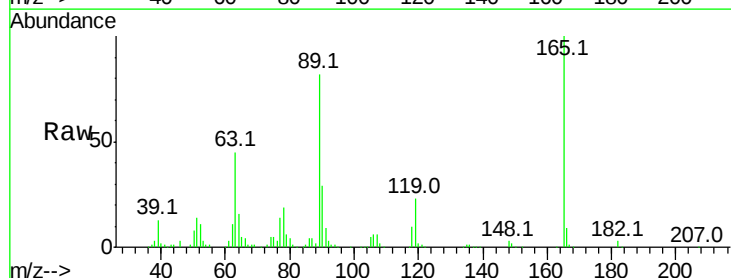
Ion Ratio Lower Upper

165 100

63 44.8 42.0 63.0

89 81.8 66.9 100.3

182 2.8 2.6 3.8

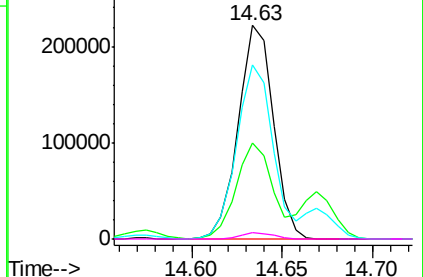
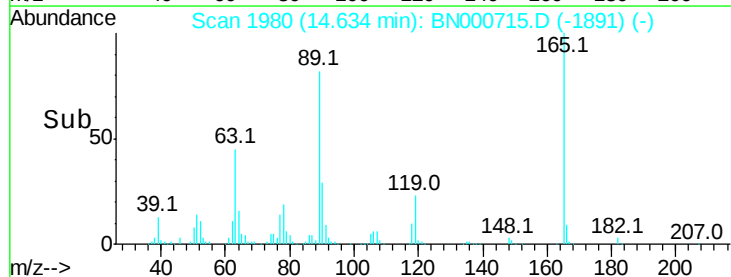


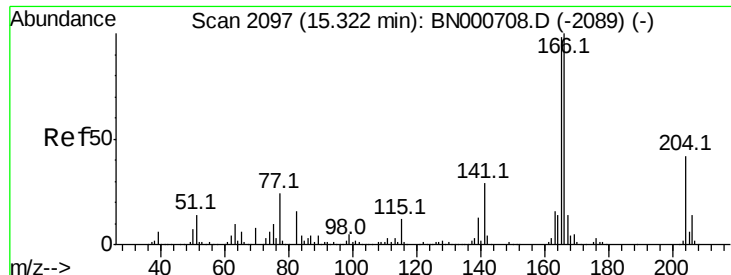
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

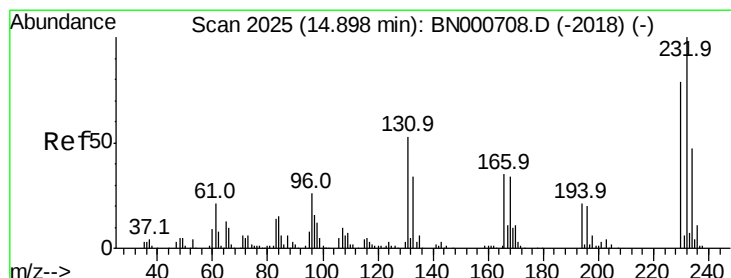
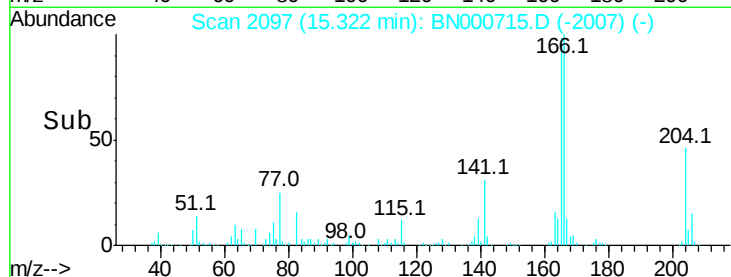
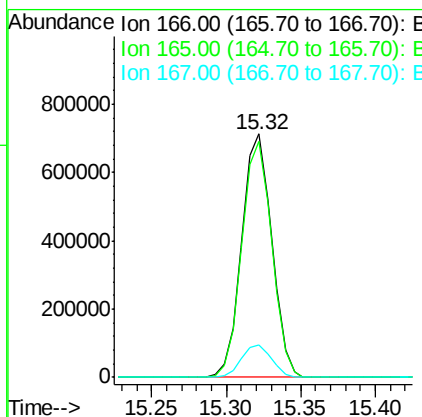
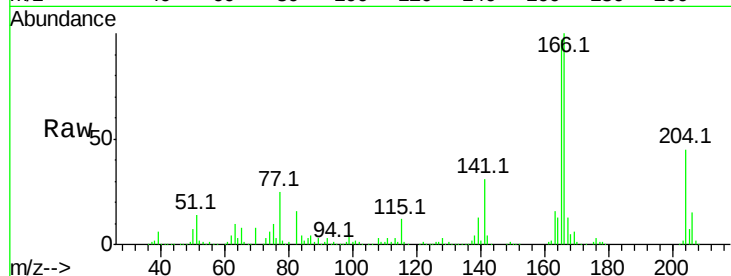




#57
 Fluorene
 Concen: 46.065 ng
 RT: 15.32 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

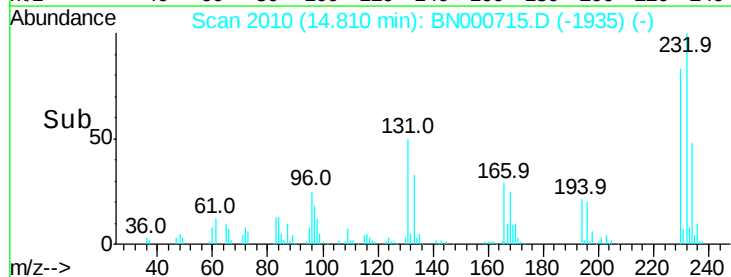
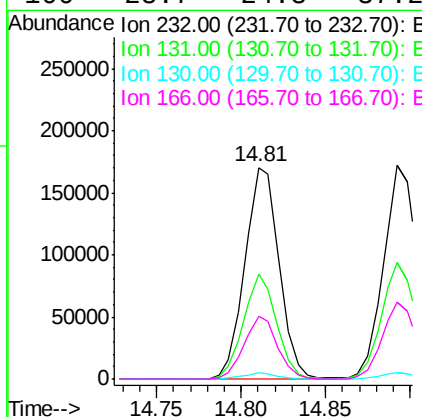
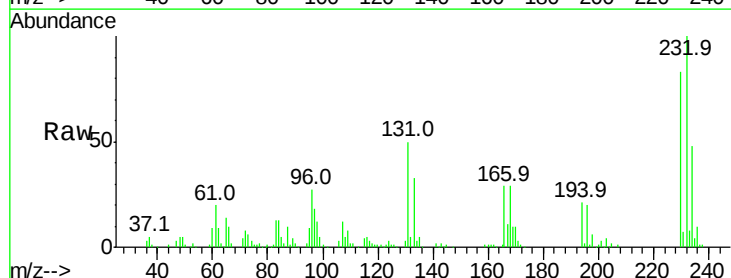
Instrument :
 BNA_N
 ClientSampleId :

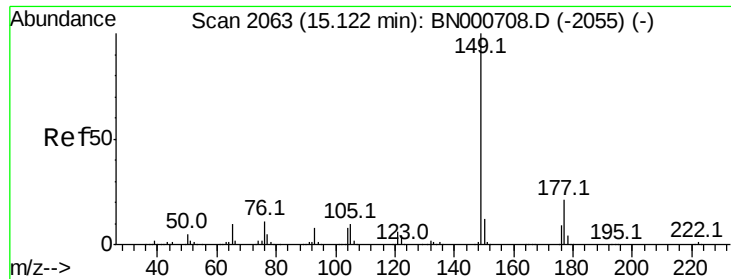
Tot Ion:166 Resp: 994077
 Ion Ratio Lower Upper
 166 100
 165 96.8 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.858 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. -0.09 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:232 Resp: 240933
 Ion Ratio Lower Upper
 232 100
 131 47.6 33.5 50.3
 130 2.7 2.2 3.2
 166 28.7 24.8 37.2

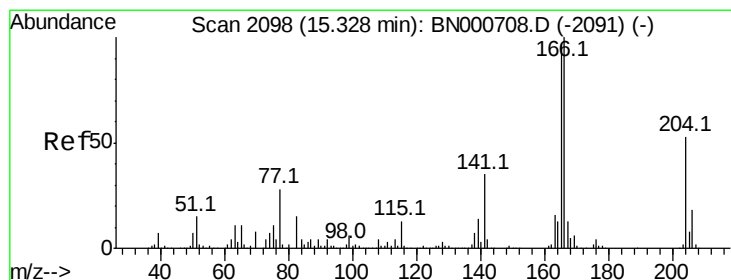
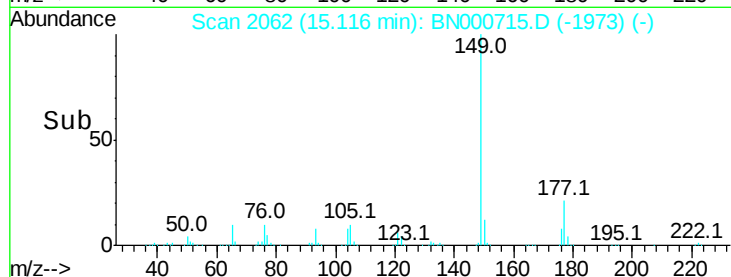
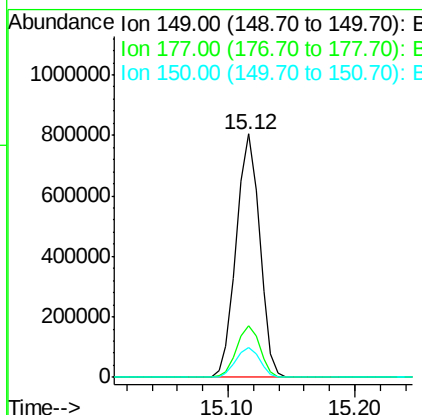
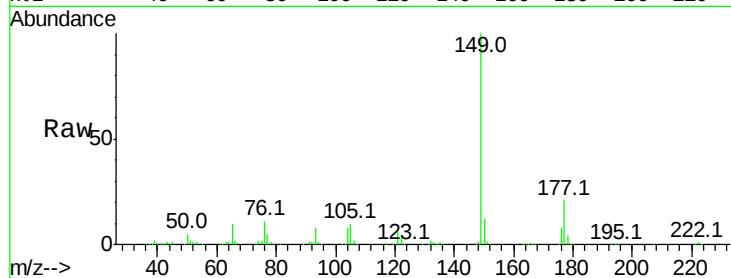




#59
Diethylphthalate
Concen: 45.337 ng
RT: 15.12 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

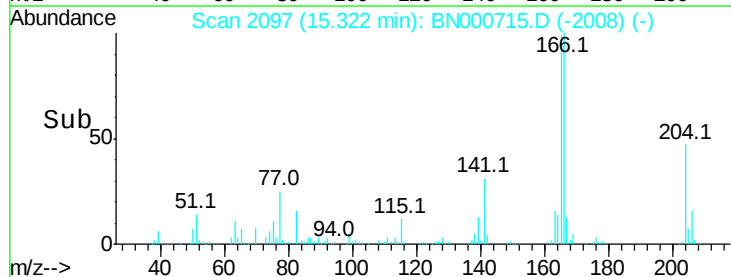
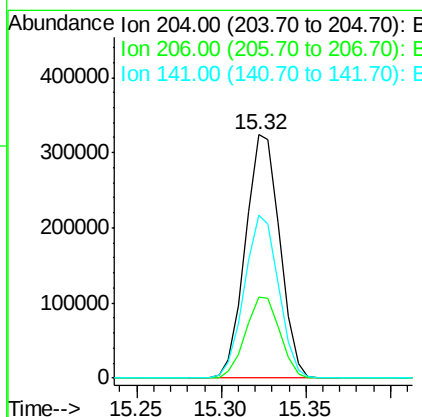
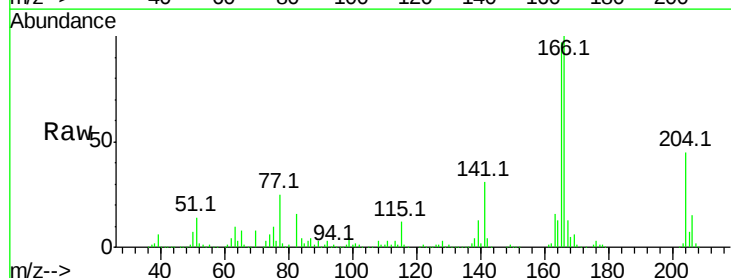
Instrument :
BNA_N
ClientSampled :

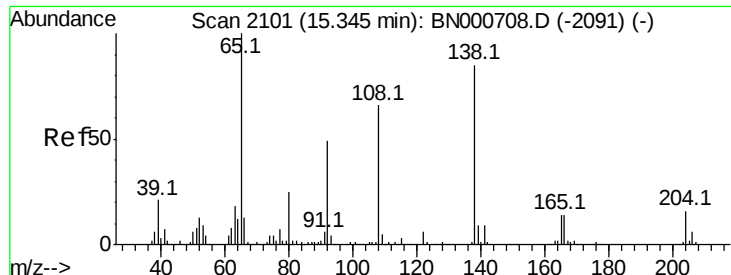
Tot Ion:149 Resp: 1026241
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.478 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:204 Resp: 458821
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 67.2 45.8 68.6

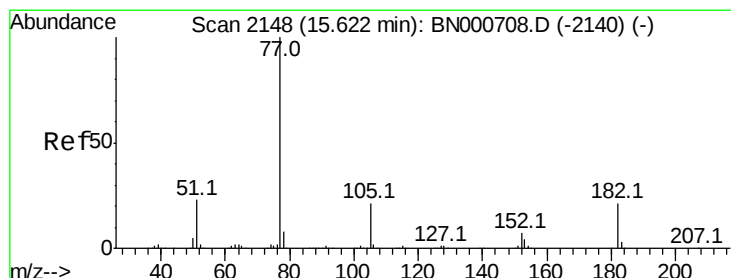
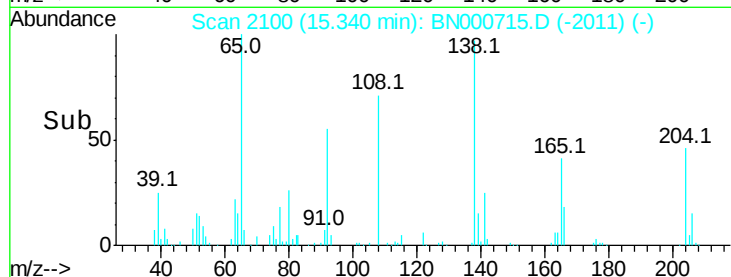
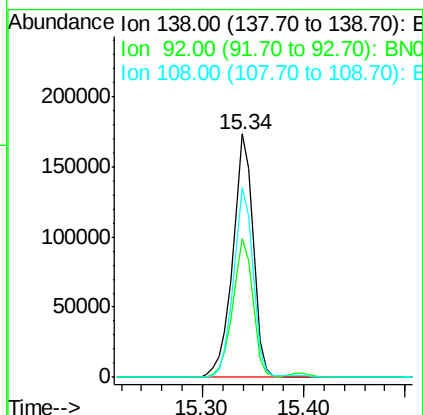
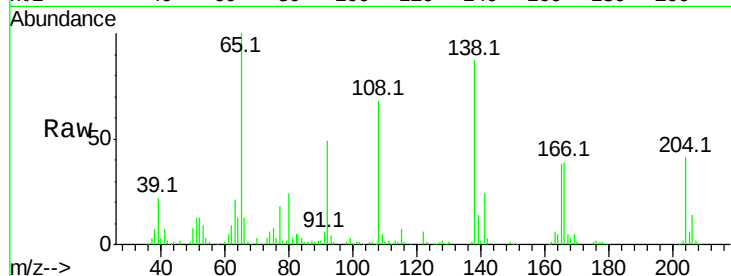




#61
4-Nitroaniline
Concen: 45.794 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

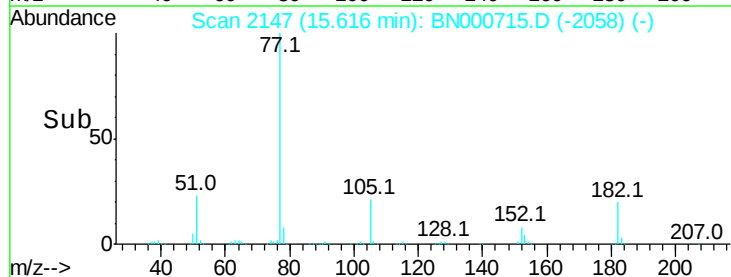
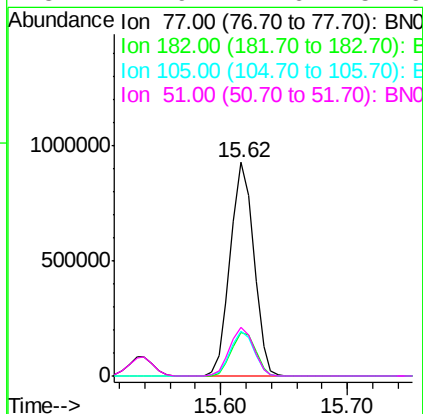
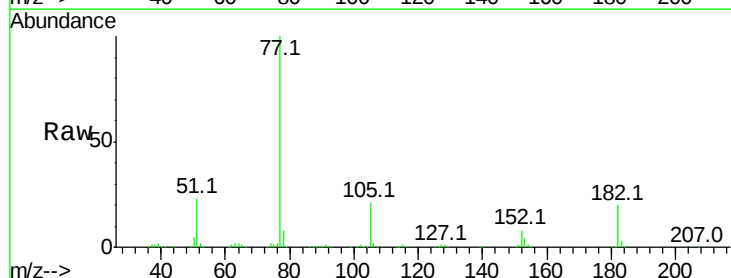
Instrument :
BNA_N
ClientSampleId :

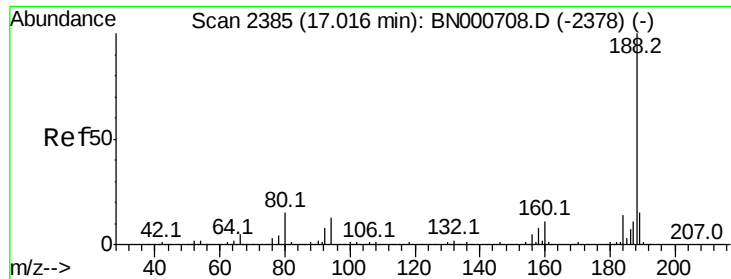
Tot Ion:138 Resp: 243804
Ion Ratio Lower Upper
138 100
92 57.0 40.1 80.1
108 78.0 65.4 105.4



#62
Azobenzene
Concen: 47.612 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion: 77 Resp: 1189417
Ion Ratio Lower Upper
77 100
182 20.1 7.4 47.4
105 21.0 0.3 40.3
51 22.9 11.6 51.6

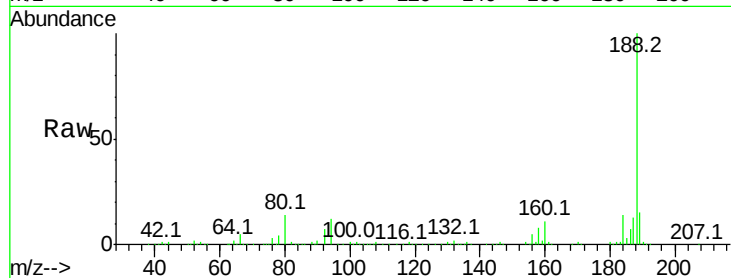




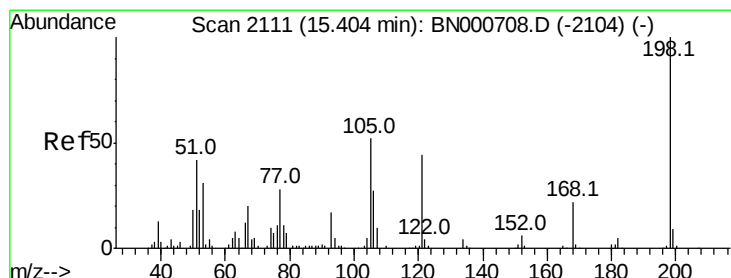
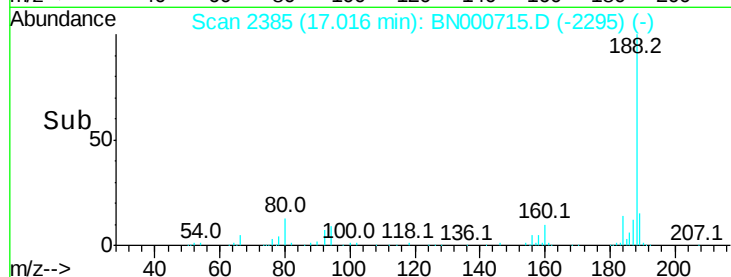
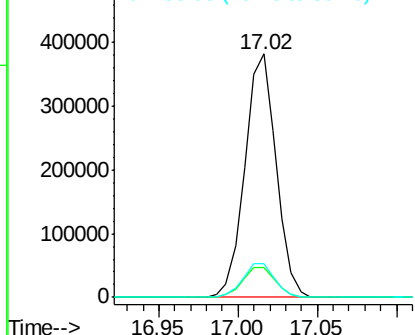
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.02 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:188 Resp: 522039
 Ion Ratio Lower Upper
 188 100
 94 12.4 6.9 10.3#
 80 13.7 7.7 11.5#

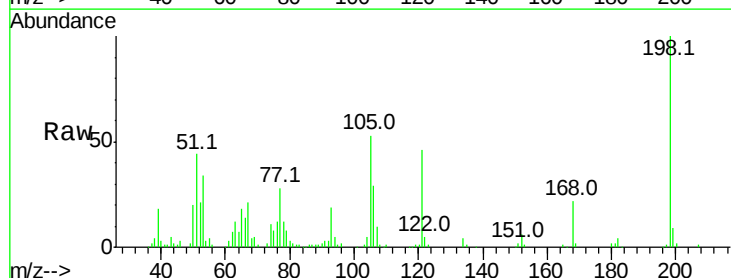


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

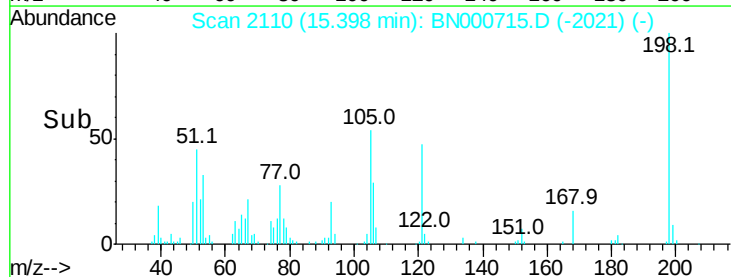
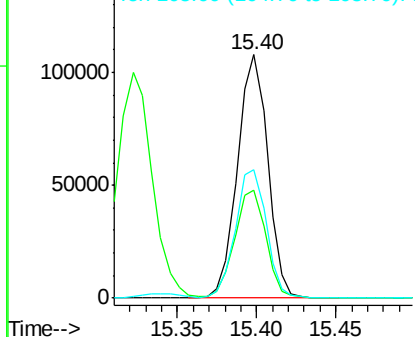


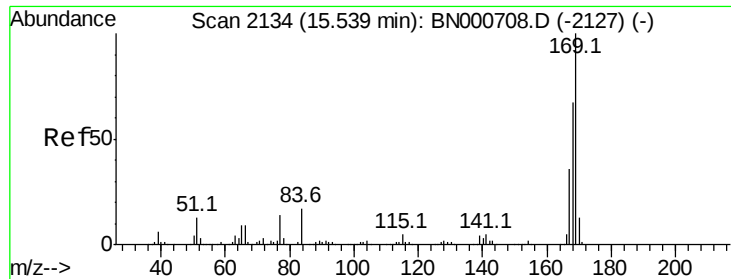
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.873 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:198 Resp: 142693
 Ion Ratio Lower Upper
 198 100
 51 44.5 30.6 70.6
 105 52.9 23.8 63.8



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

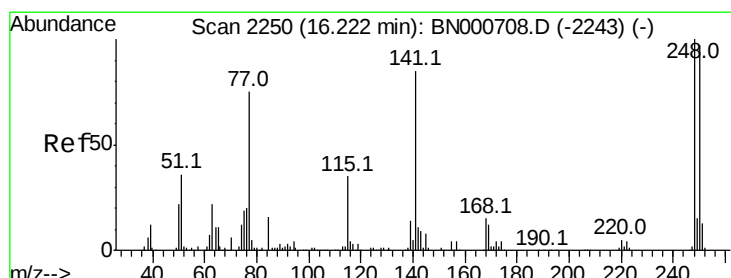
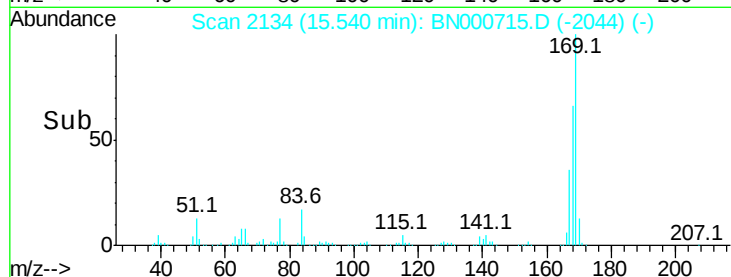
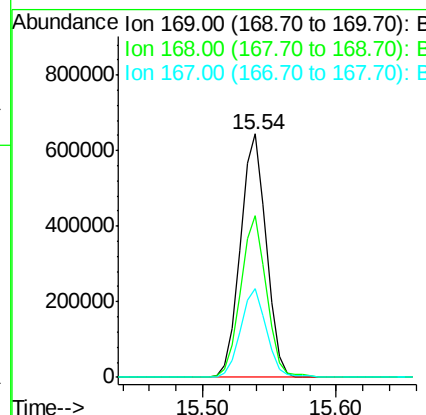
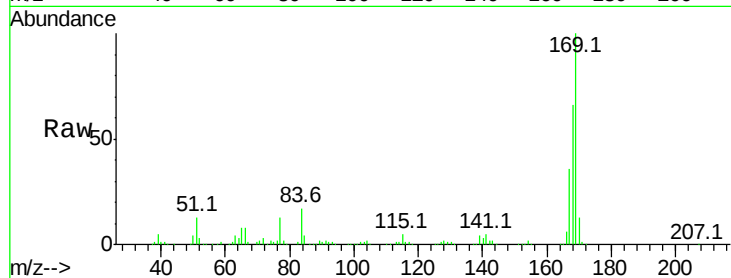




#65
 n-Nitrosodiphenylamine
 Concen: 49.437 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

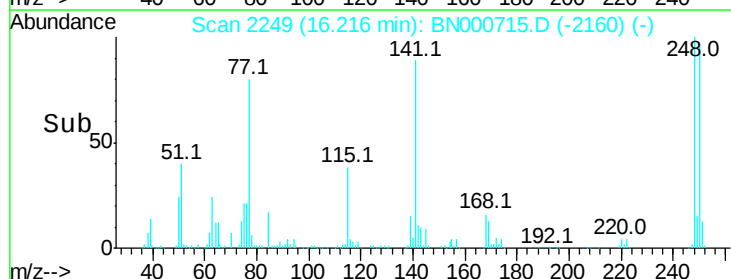
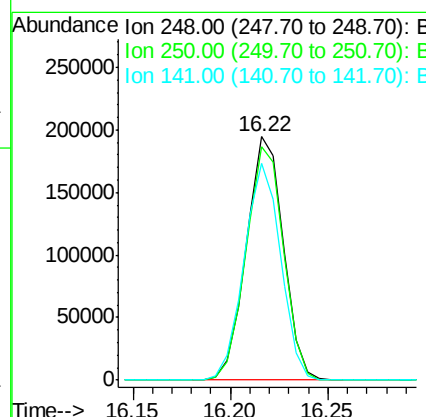
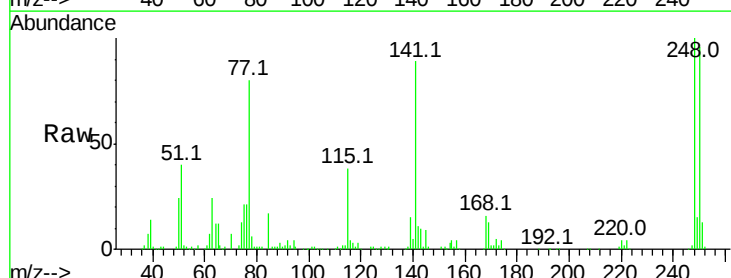
Instrument :
 BNA_N
 ClientSampleId :

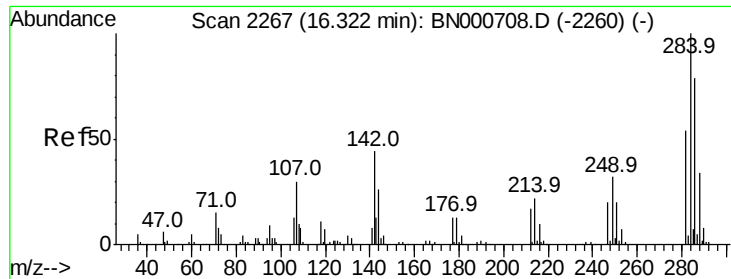
Tot Ion:169 Resp: 861239
 Ion Ratio Lower Upper
 169 100
 168 66.2 55.7 83.5
 167 36.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 48.822 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:248 Resp: 254849
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 89.1 50.8 76.2#





#67

Hexachlorobenzene

Concen: 46.747 ng

RT: 16.32 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

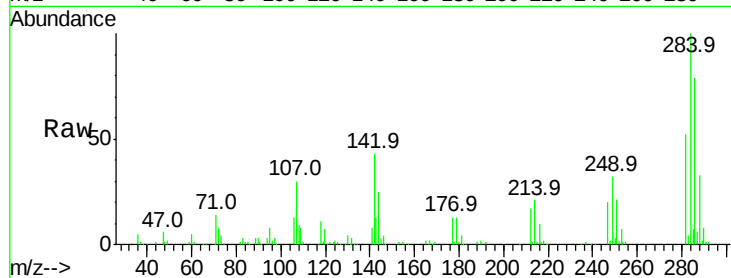
Tot Ion:284 Resp: 281747

Ion Ratio Lower Upper

284 100

142 42.6 26.8 40.2#

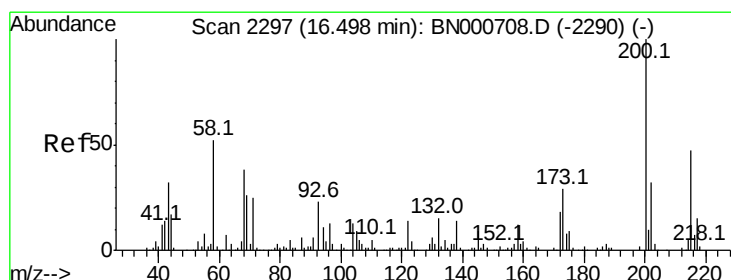
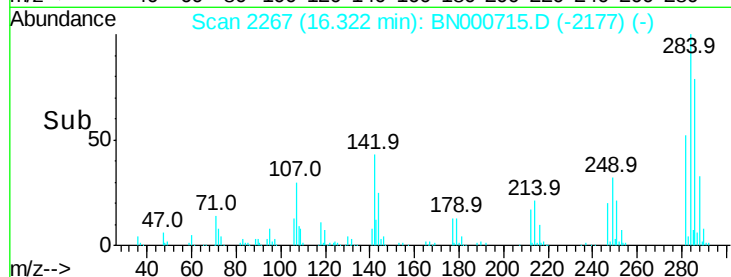
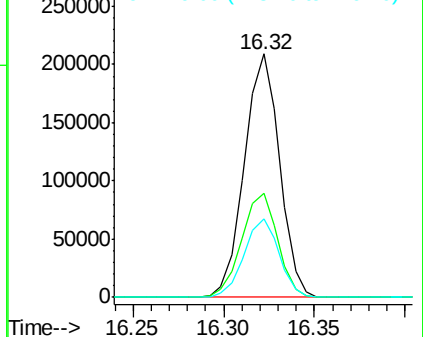
249 32.2 26.3 39.5



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: 53.148 ng

RT: 16.50 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

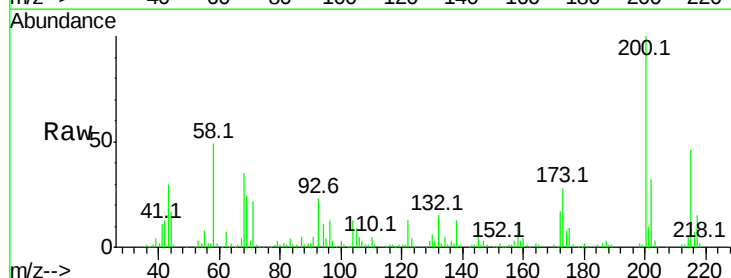
Tgt Ion:200 Resp: 256203

Ion Ratio Lower Upper

200 100

173 28.1 5.2 45.2

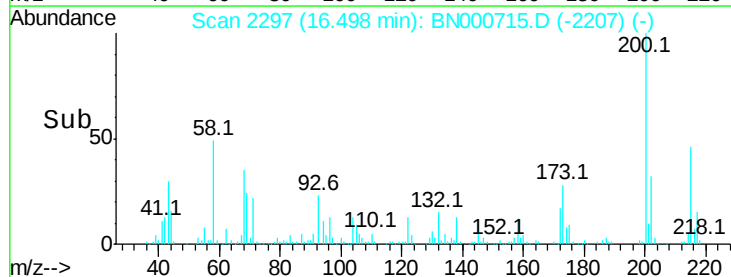
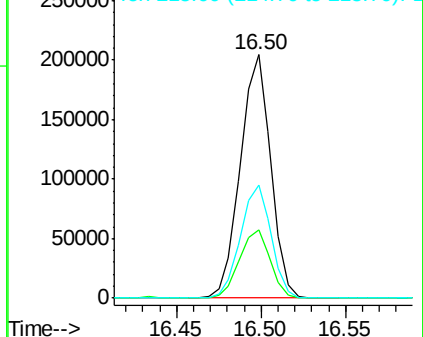
215 46.5 30.4 70.4

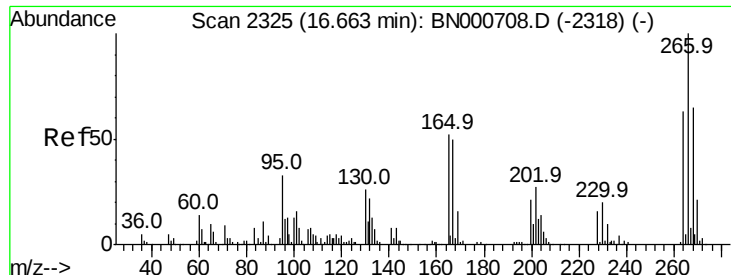


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

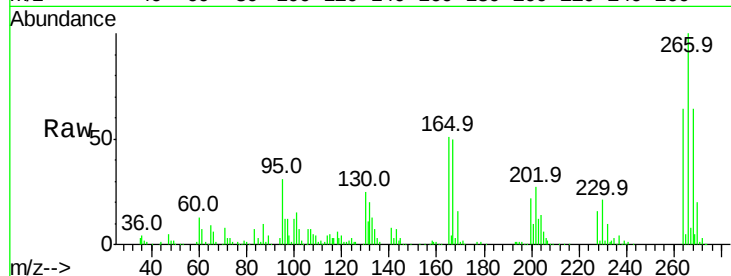




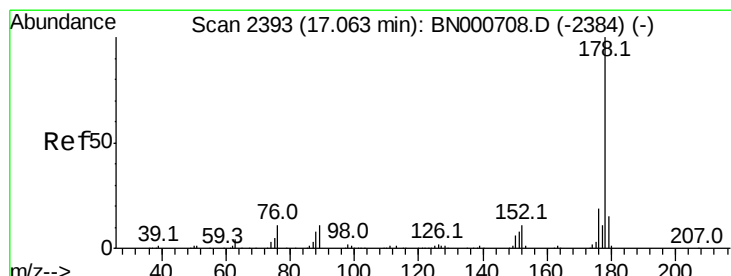
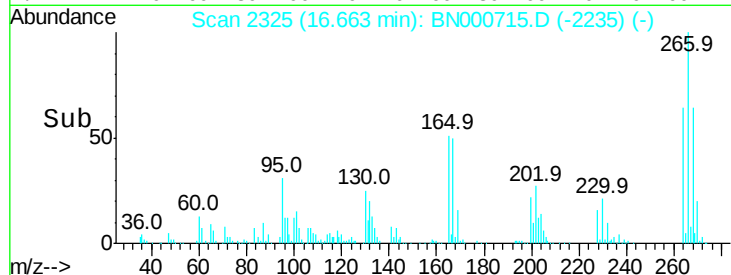
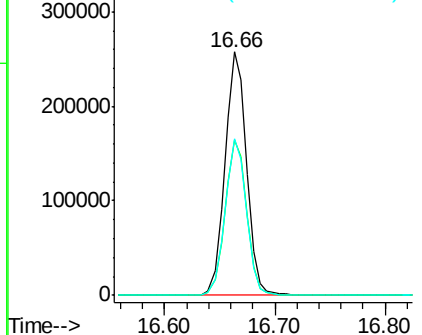
#69
 Pentachlorophenol
 Concen: 89.914 ng
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 351872
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 64.3 49.6 74.4

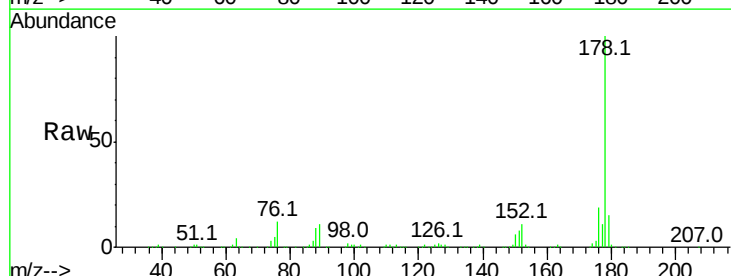


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

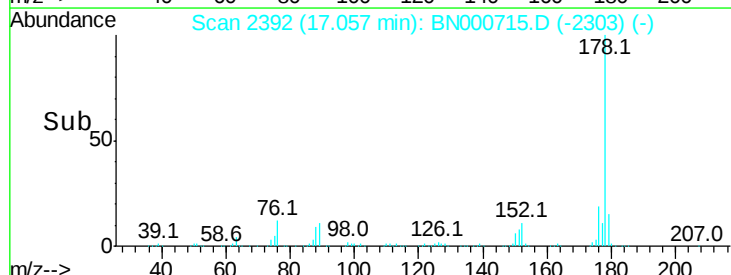
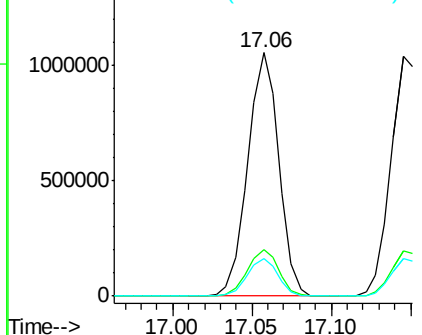


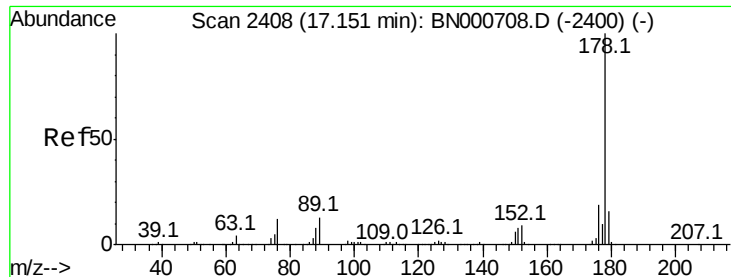
#70
 Phenanthrene
 Concen: 47.263 ng
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:178 Resp: 1434075
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.3 12.5 18.7



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





#71

Anthracene

Concen: 49.171 ng

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

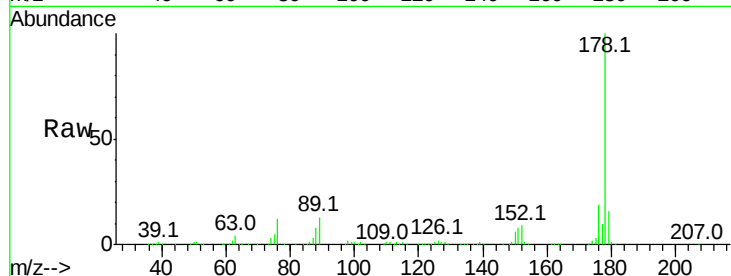
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 1455171

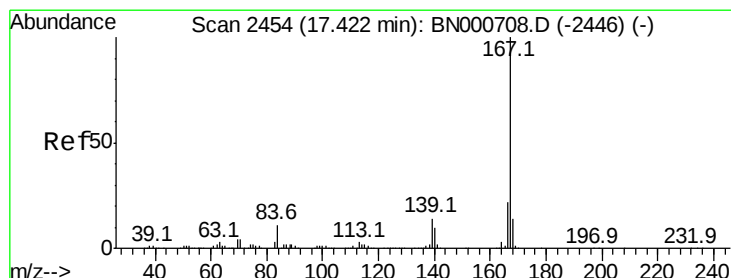
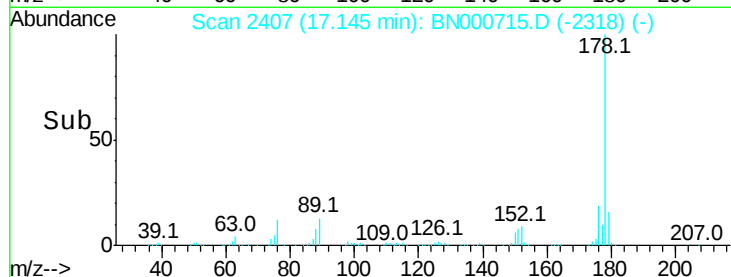
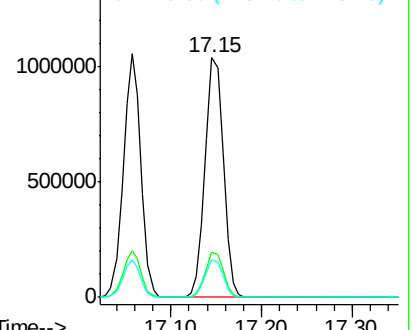
Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	15.7	12.5	18.7



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: 46.540 ng

RT: 17.42 min Scan# 2453

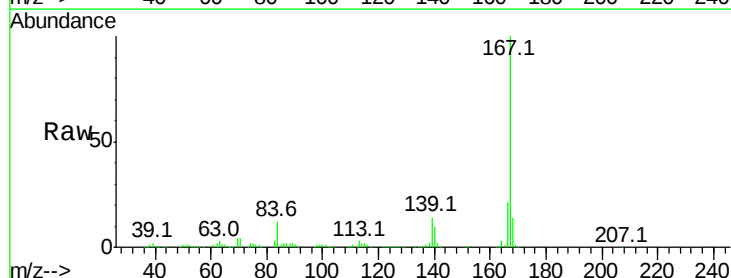
Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Tgt Ion:167 Resp: 1304891

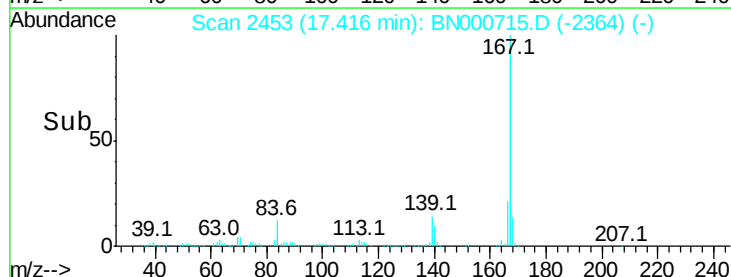
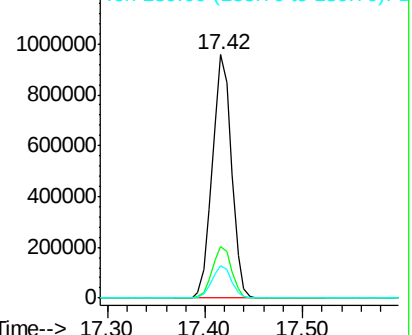
Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	13.5	9.4	14.2

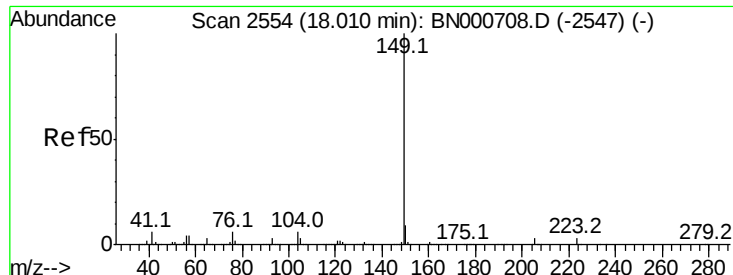


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.985 ng

RT: 18.01 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

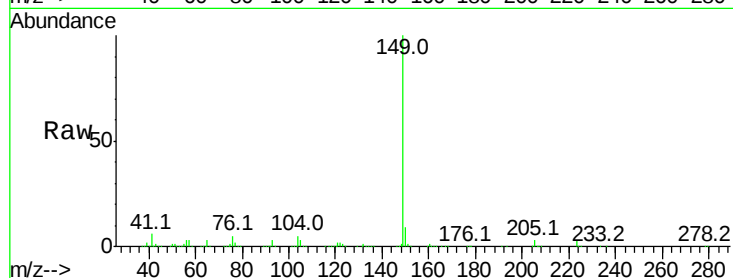
Tot Ion:149 Resp: 1531814

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

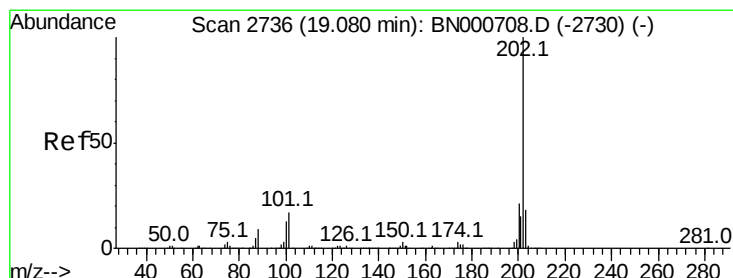
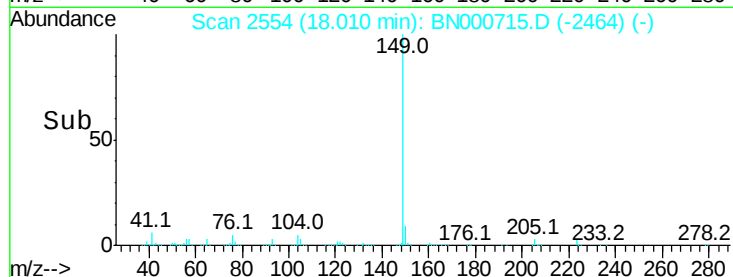
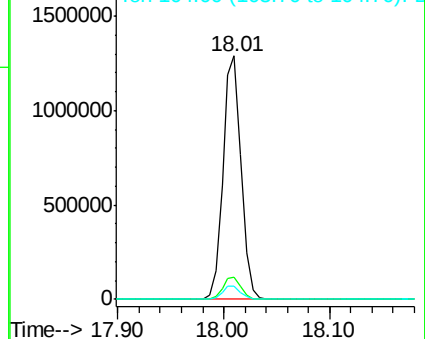
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.674 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

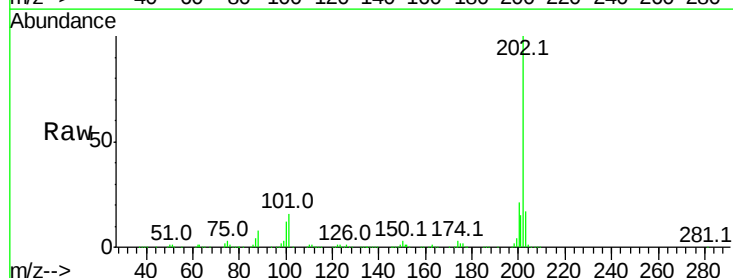
Tgt Ion:202 Resp: 1417507

Ion Ratio Lower Upper

202 100

101 15.8 0.0 28.9

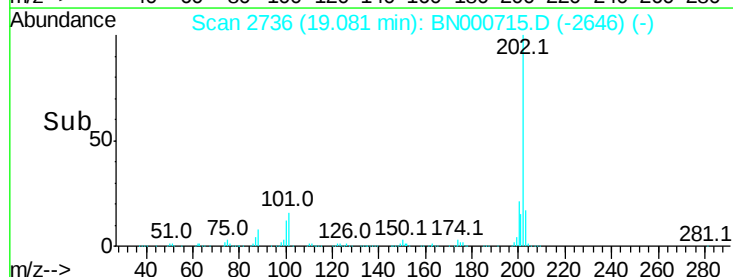
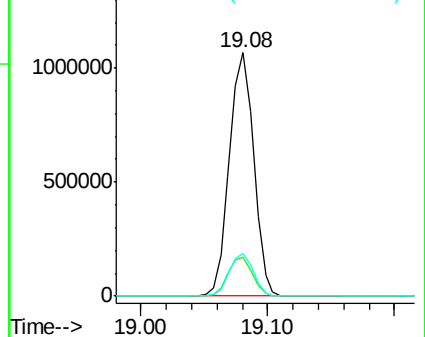
203 17.4 0.0 37.5

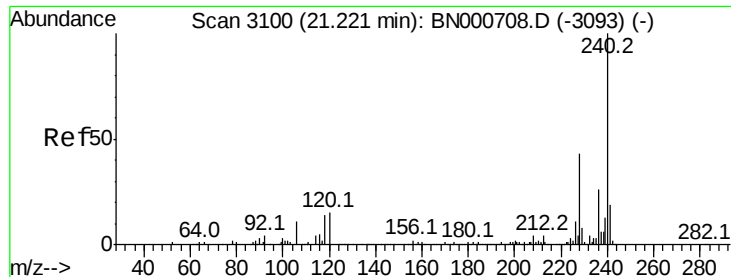


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

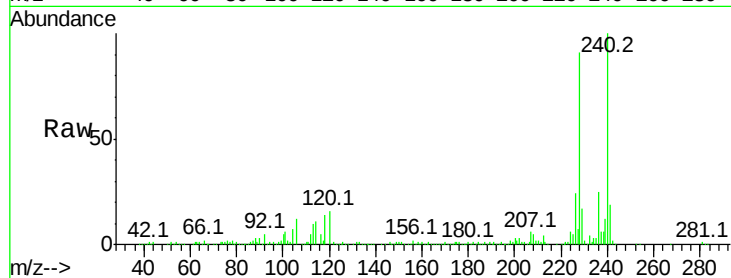
Tot Ion:240 Resp: 417633

Ion Ratio Lower Upper

240 100

120 15.7 6.8 10.2#

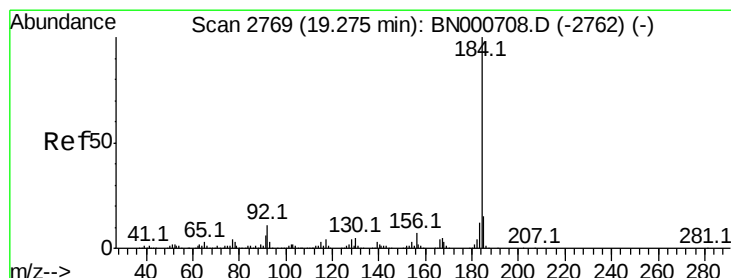
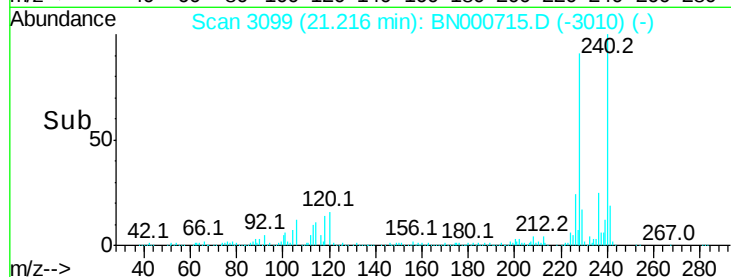
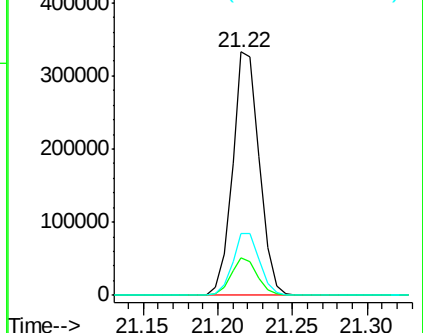
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 84.553 ng

RT: 19.27 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

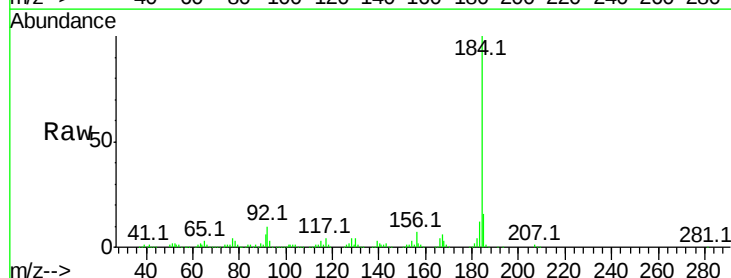
Tgt Ion:184 Resp: 965280

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

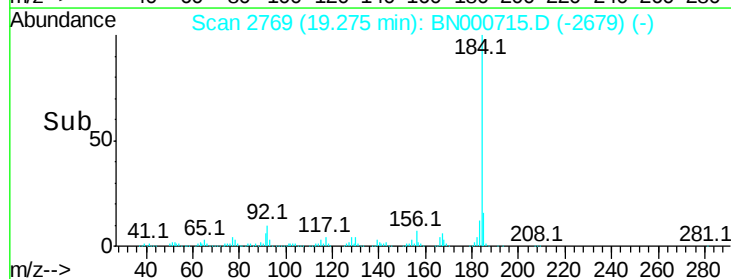
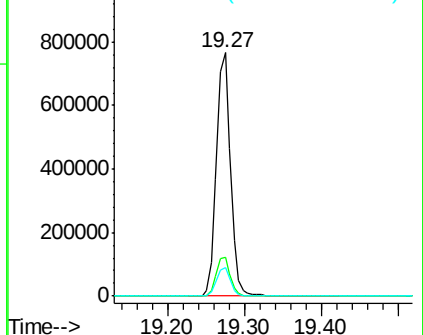
183 11.9 10.6 16.0

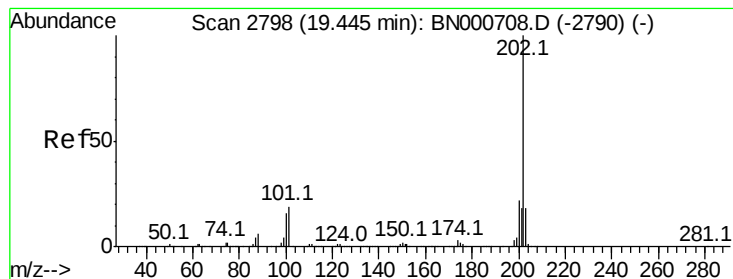


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.384 ng

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

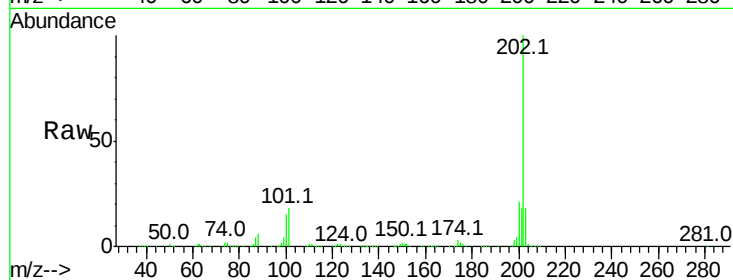
Instrument :

BNA_N

ClientSampled :

Tot Ion:202 Resp: 1444244

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	13.9	20.9

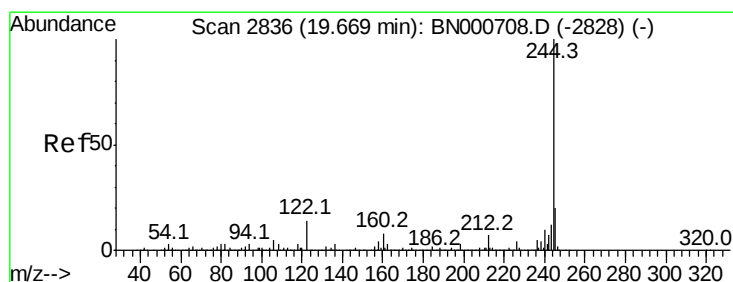
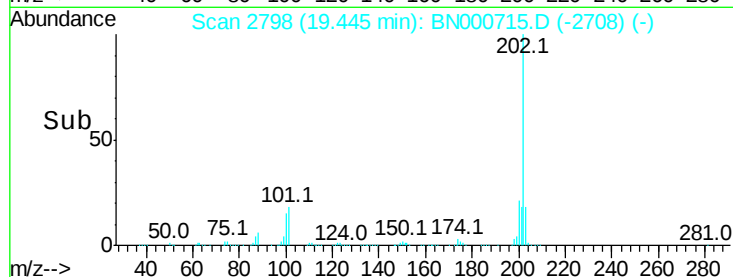
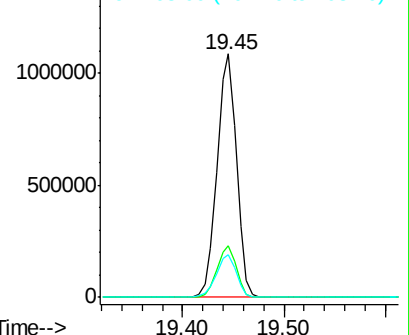


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.570 ng

RT: 19.66 min Scan# 2835

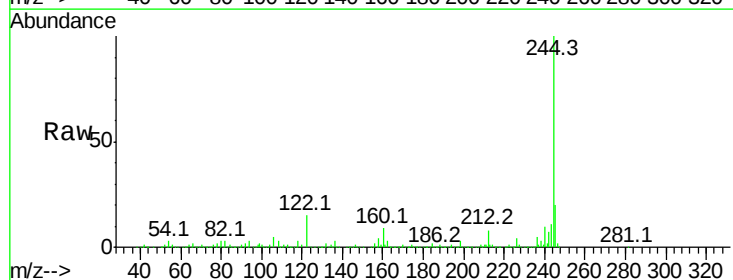
Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Tgt Ion:244 Resp: 1961153

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	14.8	7.0	10.4

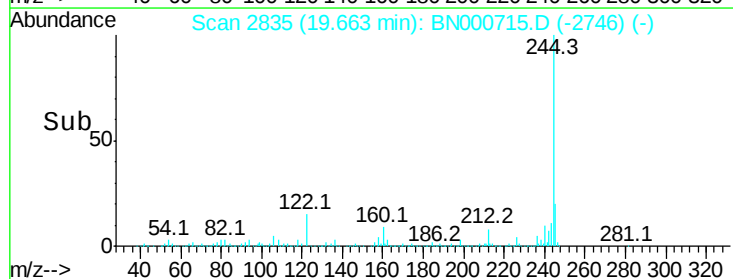
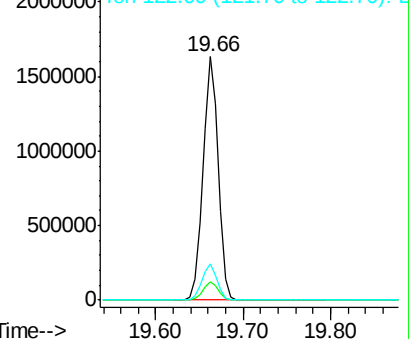


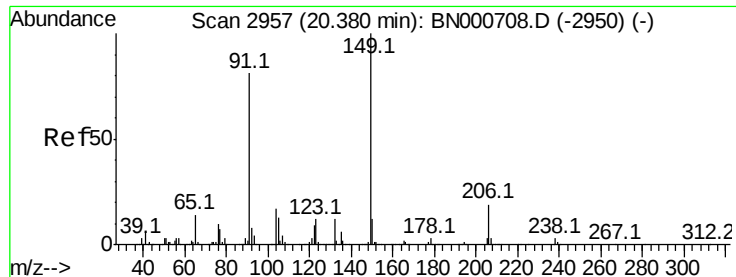
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

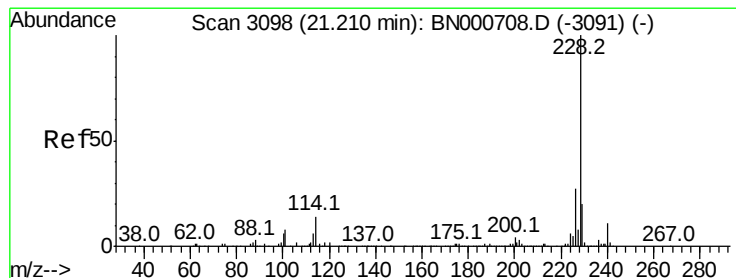
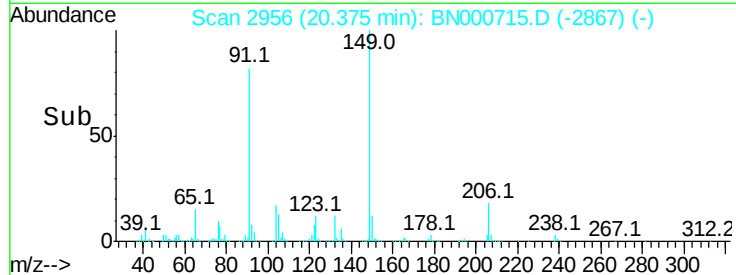
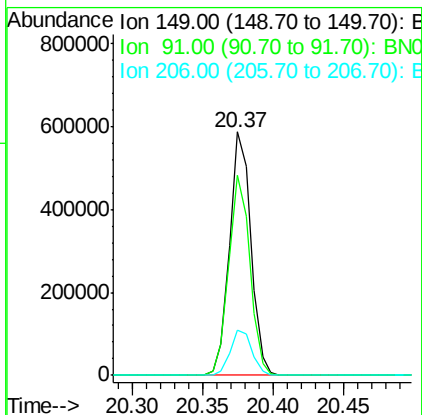
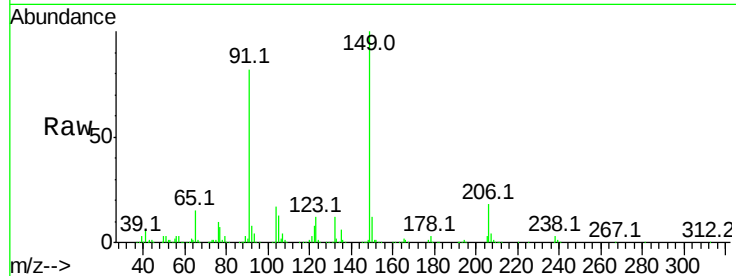




#79
Butylbenzylphthalate
Concen: 46.746 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

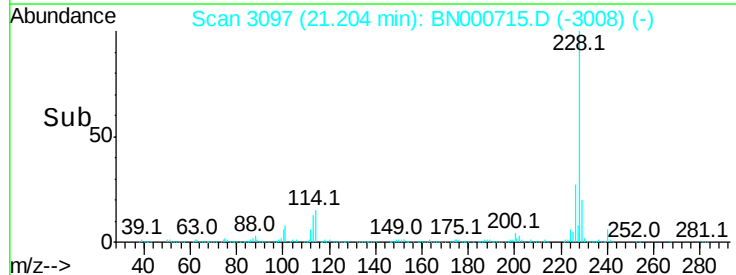
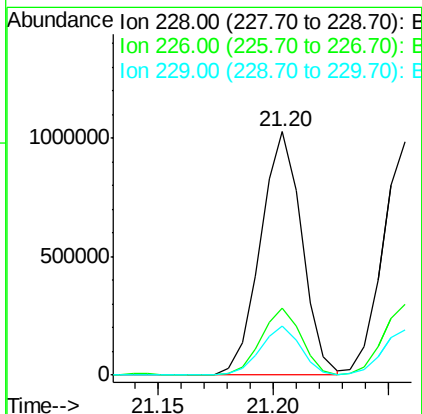
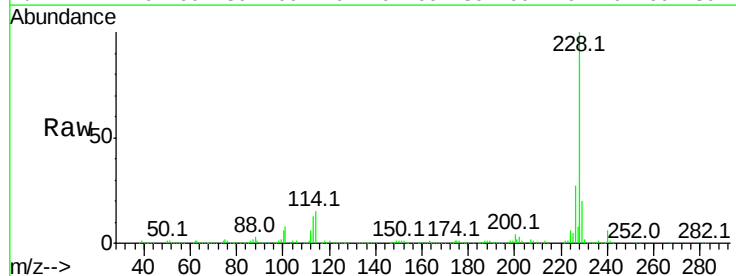
Instrument :
BNA_N
ClientSampleId :

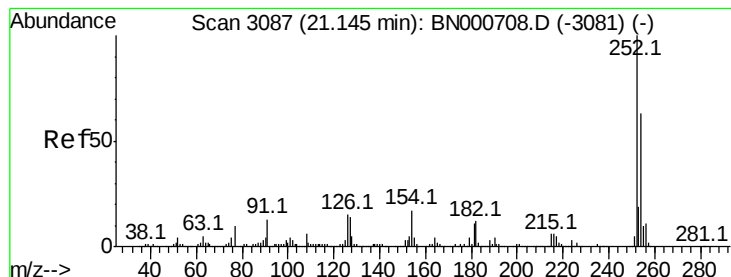
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.2	62.2	93.2
206	18.4	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 48.450 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	19.9	16.2	24.2

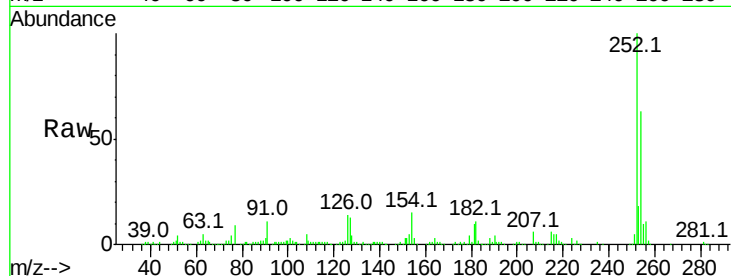




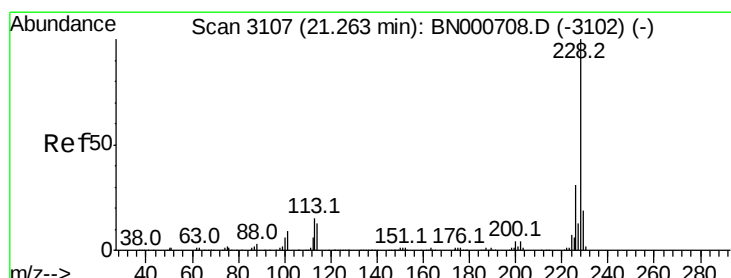
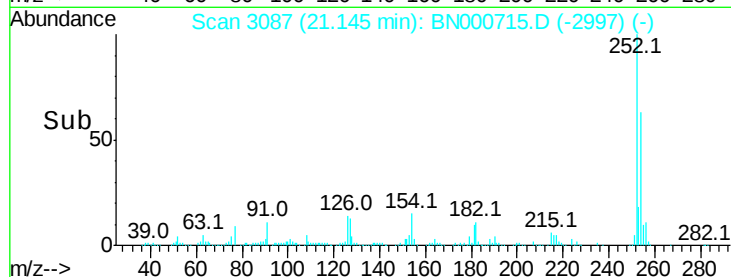
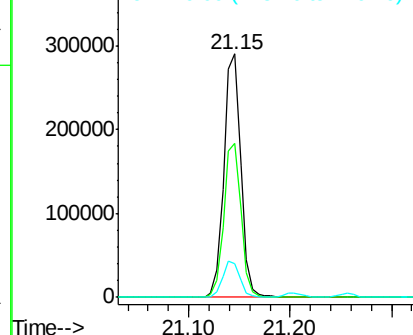
#81
 3,3'-Dichlorobenzidine
 Concen: 42.091 ng
 RT: 21.15 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 337046
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.8 76.2
 126 13.9 7.4 11.2#

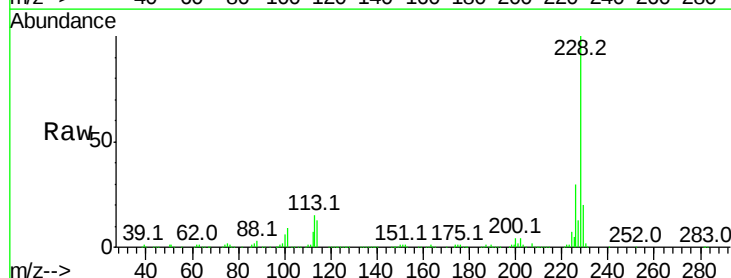


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

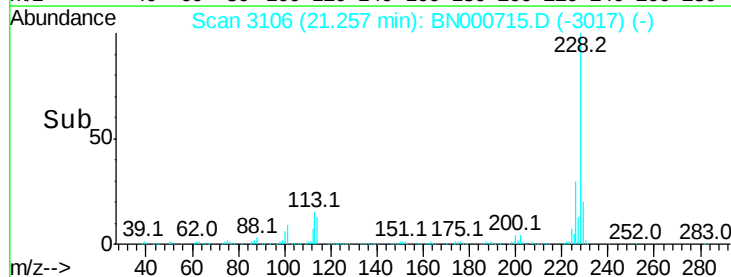
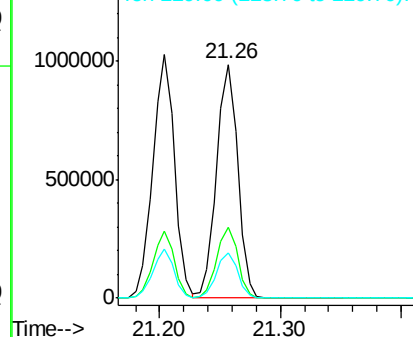


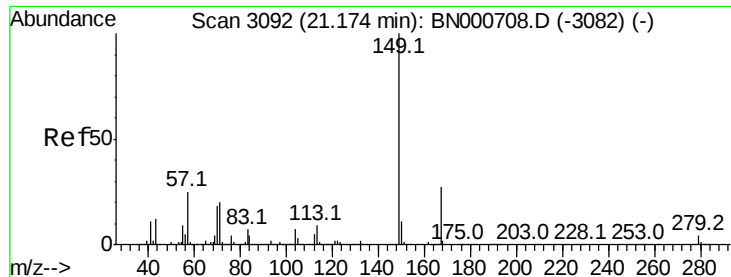
#82
 Chrysene
 Concen: 46.630 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:228 Resp: 1195246
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.5 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

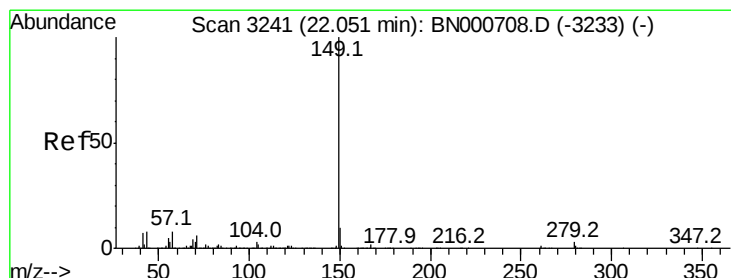
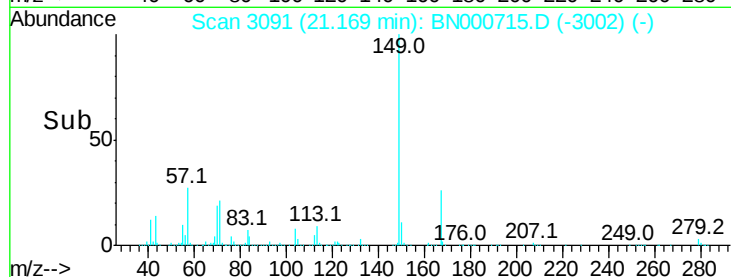
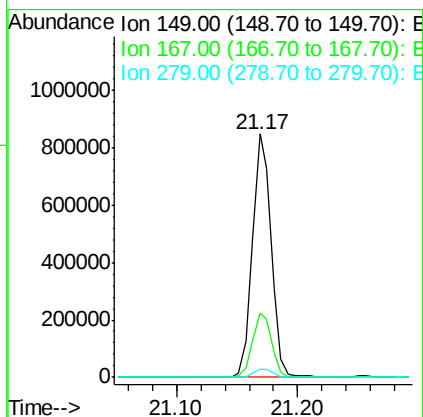
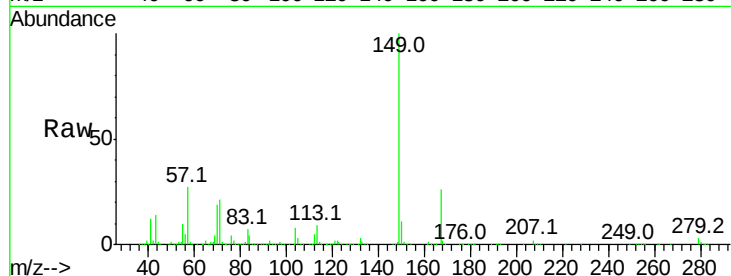




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.901 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

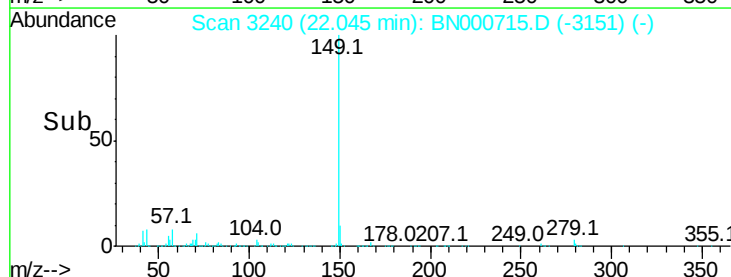
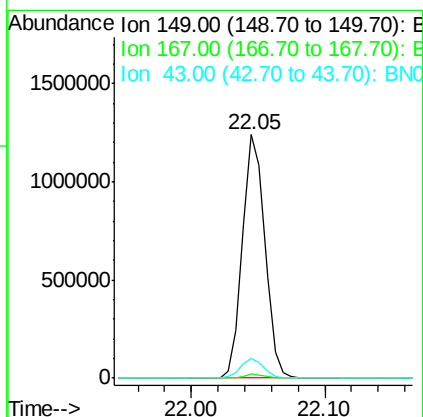
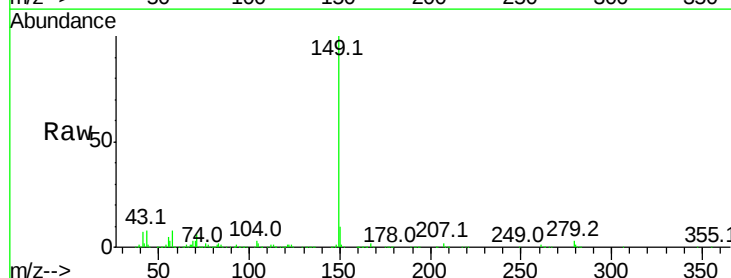
Instrument :
 BNA_N
 ClientSampleId :

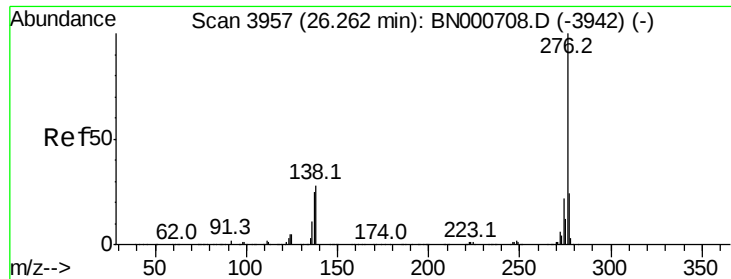
Tot Ion:149 Resp: 920443
 Ion Ratio Lower Upper
 149 100
 167 26.4 24.3 36.5
 279 3.4 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 54.503 ng
 RT: 22.05 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Tgt Ion:149 Resp: 1438392
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 8.4 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.104 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampled :

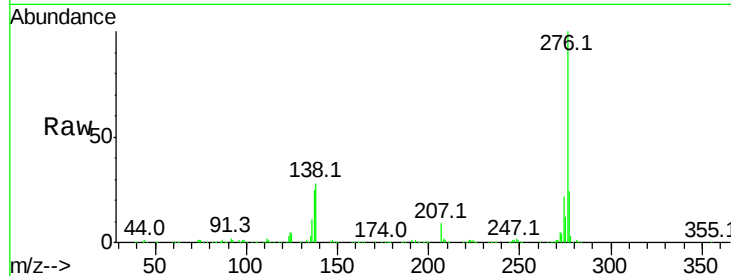
Tot Ion:276 Resp: 1070040

Ion Ratio Lower Upper

276 100

138 28.4 16.0 24.0#

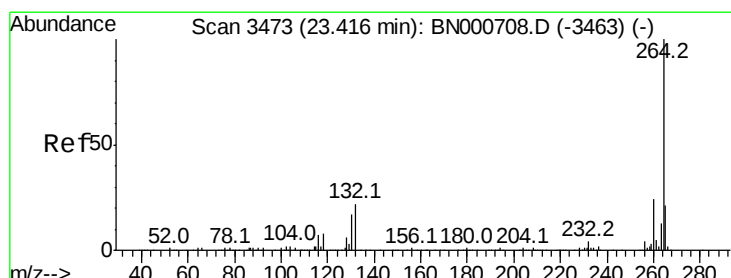
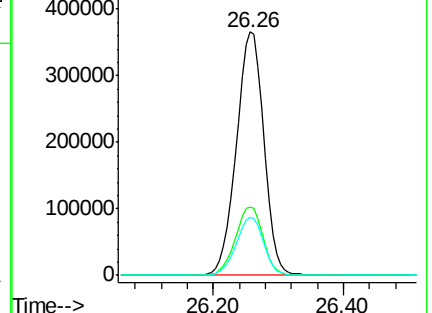
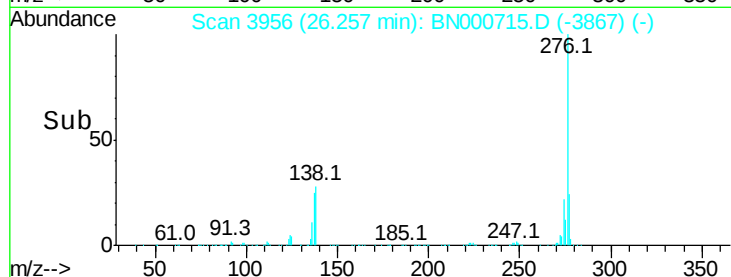
277 23.8 20.0 30.0



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: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

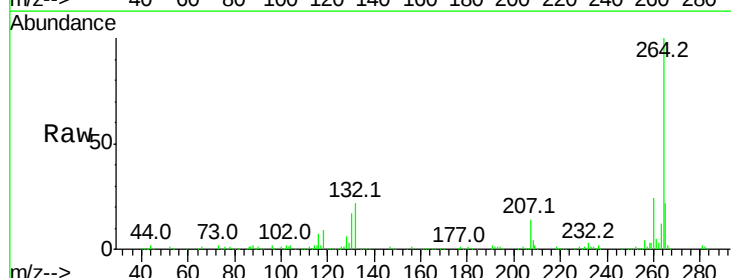
Tgt Ion:264 Resp: 389580

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

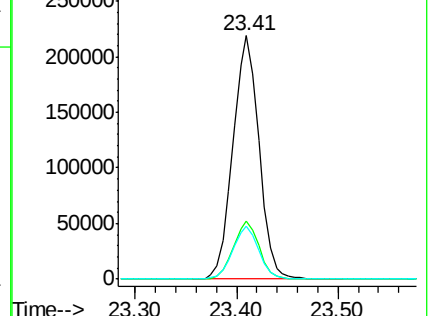
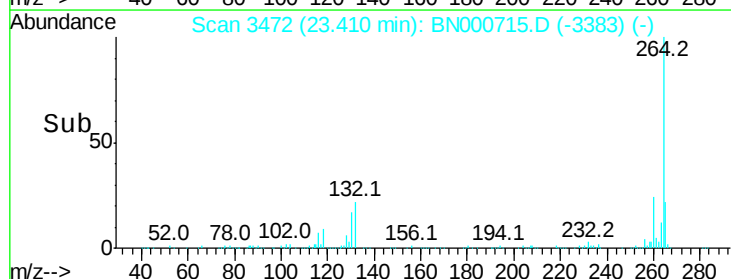
265 21.9 17.7 26.5

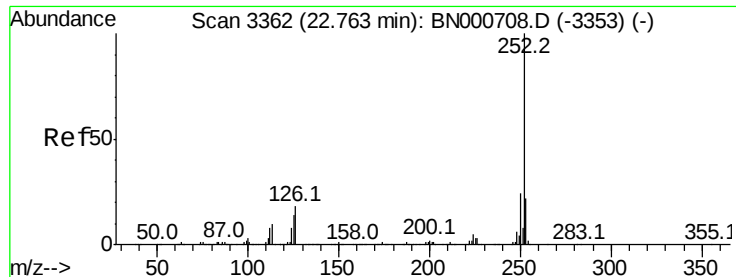


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.713 ng

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

Instrument :

BNA_N

ClientSampleId :

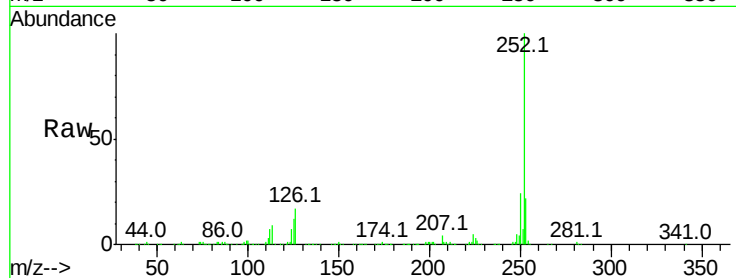
Tot Ion:252 Resp: 1151701

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

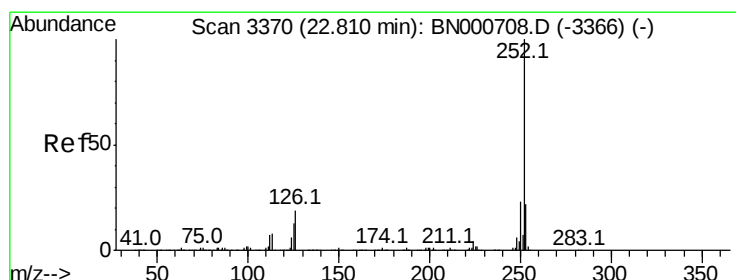
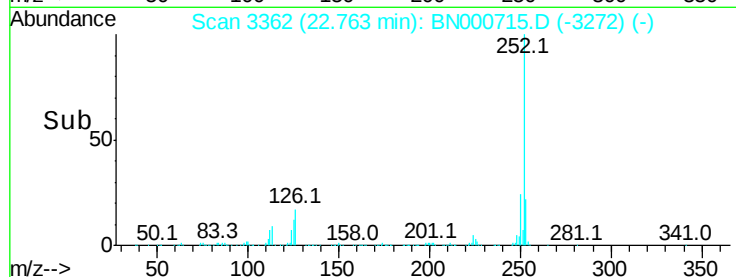
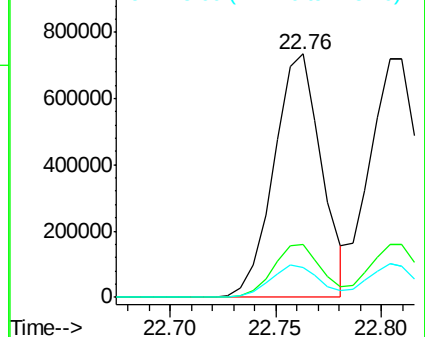
125 12.5 7.2 10.8#



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: 48.727 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN000715.D

Acq: 09 Apr 2018 18:34

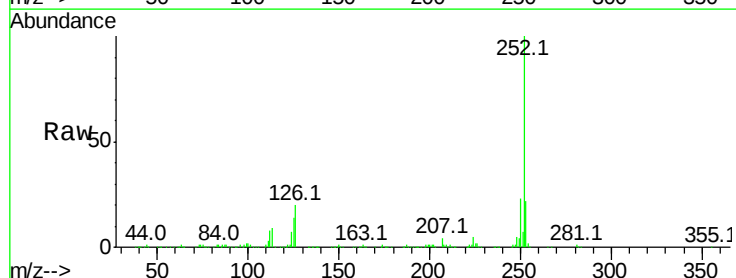
Tgt Ion:252 Resp: 1157874

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

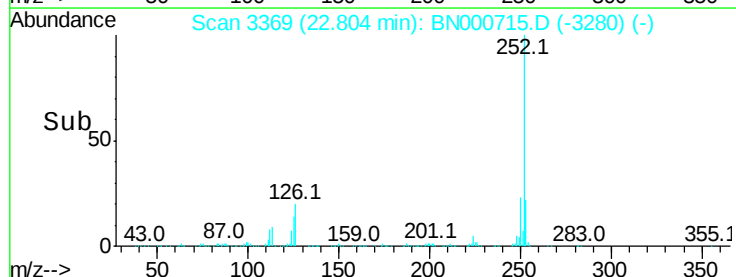
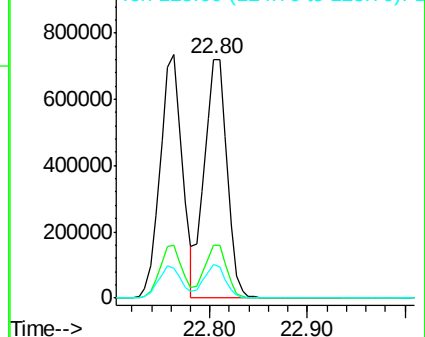
125 14.0 6.6 9.8#

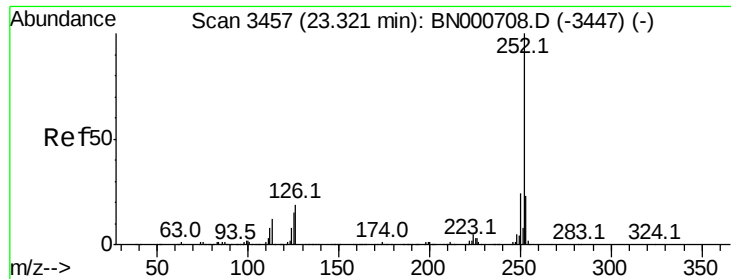


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

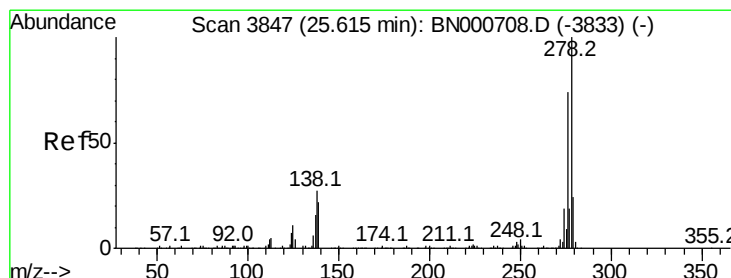
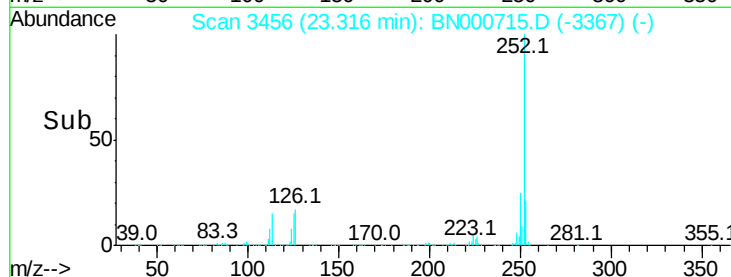
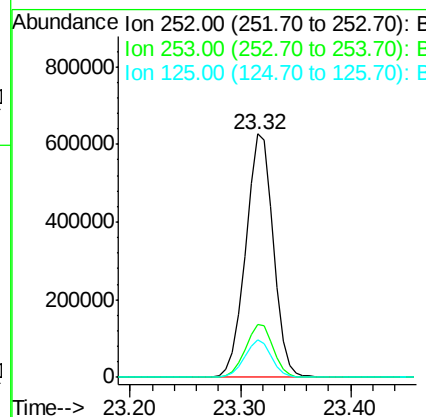
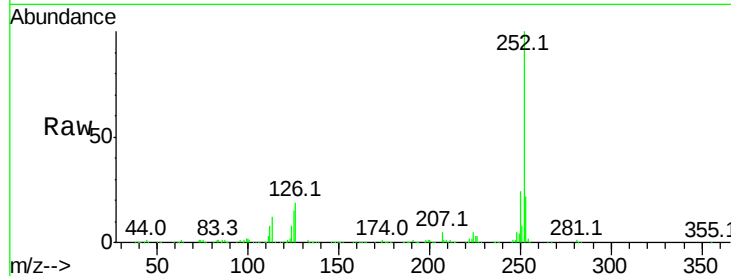




#89
Benzo(a)pyrene
Concen: 51.165 ng
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

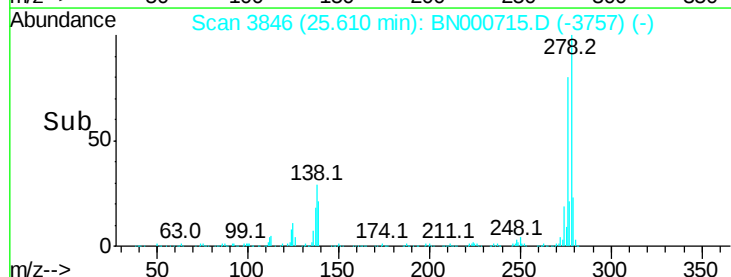
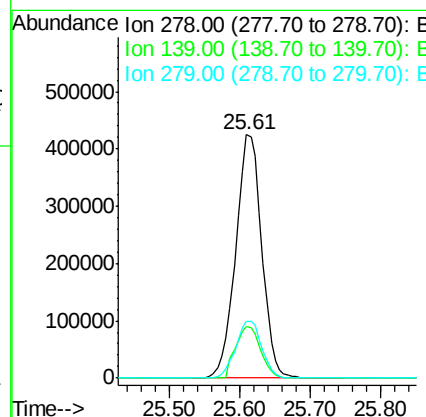
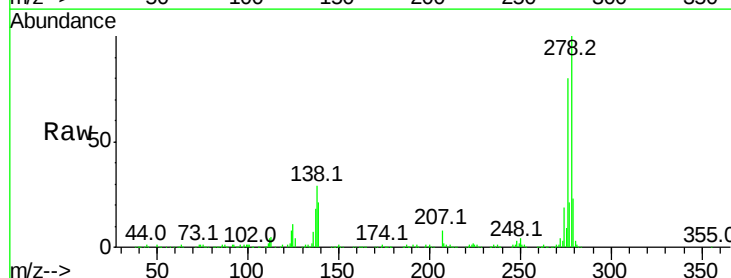
Instrument :
BNA_N
ClientSampleId :

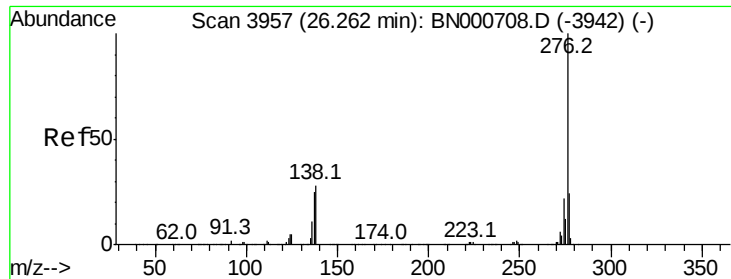
Tot Ion:252 Resp: 1105045
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 15.2 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 51.020 ng
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN000715.D
Acq: 09 Apr 2018 18:34

Tgt Ion:278 Resp: 1086219
Ion Ratio Lower Upper
278 100
139 21.2 9.8 14.6#
279 23.2 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.777 ng
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.01 min
 Lab File: BN000715.D
 Acq: 09 Apr 2018 18:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 1070040
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.3 27.5
 138 28.1 13.9 20.9#

