

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000031.D
 Acq On : 07 Feb 2018 10:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 07 13:47:54 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 13:41:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	407889	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	2063809	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	1241438	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2701669	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2871814	20.00	ng	0.01
86) Perylene-d12	24.43	264	3086162	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	2028697	73.33	ng	0.00
7) Phenol-d6	7.59	99	3090535	73.55	ng	0.00
23) Nitrobenzene-d5	9.65	82	2880798	84.41	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	999165	80.06	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6952552	75.00	ng	0.00
78) Terphenyl-d14	20.37	244	8668082	79.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	390627	35.693	ng	94
3) Pyridine	4.10	79	1271455	38.307	ng	98
4) n-Nitrosodimethylamine	4.00	42	347002	35.535	ng	# 90
6) Aniline	7.77	93	2103816	36.727	ng	91
8) 2-Chlorophenol	8.02	128	1150553	37.595	ng	87
9) Benzaldehyde	7.58	77	740213	34.499	ng	89
10) Phenol	7.62	94	1578148	36.742	ng	85
11) bis(2-Chloroethyl)ether	7.87	93	1275668	37.229	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	1267744	37.313	ng	98
13) 1,4-Dichlorobenzene	8.50	146	1300253	37.263	ng	97
14) 1,2-Dichlorobenzene	8.83	146	1275971	37.011	ng	95
15) Benzyl Alcohol	8.70	79	1104727	35.800	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1347669	36.363	ng	79
17) 2-Methylphenol	8.90	107	1146917	37.031	ng	94
18) Hexachloroethane	9.58	117	461908	38.602	ng	# 82
19) n-Nitroso-di-n-propylamine	9.28	70	1036068	36.589	ng	# 82
20) 3+4-Methylphenols	9.23	107	1611788	37.156	ng	93
22) Acetophenone	9.30	105	2264726	37.154	ng	# 87
24) Nitrobenzene	9.69	77	1515436	41.397	ng	# 92
25) Isophorone	10.21	82	2934549	36.298	ng	97
26) 2-Nitrophenol	10.41	139	539568	48.125	ng	# 89
27) 2,4-Dimethylphenol	10.45	122	1220124	36.808	ng	92
28) bis(2-Chloroethoxy)methane	10.69	93	1792468	38.439	ng	97
29) 2,4-Dichlorophenol	10.94	162	1121672	39.437	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1259659	37.821	ng	98
31) Naphthalene	11.36	128	4330089	37.410	ng	98
32) Benzoic acid	10.56	122	750291	43.710	ng	86
33) 4-Chloroaniline	11.46	127	2005926	37.381	ng	94
34) Hexachlorobutadiene	11.64	225	658035	38.780	ng	96
35) Caprolactam	12.21	113	478844	37.875	ng	90
36) 4-Chloro-3-methylphenol	12.54	107	1451749	37.539	ng	98
37) 2-Methylnaphthalene	12.94	142	3069483	37.529	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1394779	38.572	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	574332	47.554	ng	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.52	196	851903	39.858	nq	98
43) 2,4,5-Trichlorophenol	13.59	196	1018704	40.473	nq	# 93
45) 1,1'-Biphenyl	13.93	154	4193282	37.804	nq	99
46) 2-Chloronaphthalene	13.97	162	3154346	37.880	nq	98
47) 2-Nitroaniline	14.16	65	889588	45.233	nq	# 84
48) Acenaphthylene	14.81	152	5275712	37.729	nq	98
49) Dimethylphthalate	14.52	163	4121890	37.150	nq	100
50) 2,6-Dinitrotoluene	14.65	165	848251	42.846	nq	92
51) Acenaphthene	15.15	154	3326428	37.699	nq	98
52) 3-Nitroaniline	14.97	138	1029029	42.400	nq	# 91
53) 2,4-Dinitrophenol	15.17	184	234575	51.529	nq	# 6
54) Dibenzofuran	15.47	168	4728690	37.345	nq	96
55) 4-Nitrophenol	15.25	139	762132	42.328	nq	# 83
56) 2,4-Dinitrotoluene	15.42	165	1144922	44.335	nq	94
57) Fluorene	16.12	166	3889825	36.484	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.60	232	786785	38.384	nq	# 91
59) Diethylphthalate	15.87	149	4274481	36.872	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	1747617	37.087	nq	92
61) 4-Nitroaniline	16.12	138	1087973	42.060	nq	89
62) Azobenzene	16.39	77	4246552	36.657	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	432495	51.858	nq	87
65) n-Nitrosodiphenylamine	16.31	169	3465109	39.249	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	989716	39.149	nq	# 85
67) Hexachlorobenzene	17.11	284	1138253	39.081	nq	# 90
68) Atrazine	17.24	200	1055026	39.203	nq	94
69) Pentachlorophenol	17.45	266	684643	39.248	nq	99
70) Phenanthrene	17.85	178	6158929	37.887	nq	100
71) Anthracene	17.94	178	6141705	38.138	nq	99
72) Carbazole	18.19	167	6217001	37.314	nq	97
73) Di-n-butylphthalate	18.73	149	7113288	38.444	nq	99
74) Fluoranthene	19.82	202	6742011	36.526	nq	93
76) Benzidine	19.99	184	3240468	44.577	nq	95
77) Pyrene	20.18	202	7254163	40.039	nq	98
79) Butylbenzylphthalate	21.05	149	3170721	43.904	nq	98
80) Benzo(a)anthracene	21.92	228	6991498	39.267	nq	99
81) 3,3'-Dichlorobenzidine	21.83	252	2489849	41.729	nq	# 97
82) Chrysene	21.97	228	6805270	38.484	nq	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4916943	41.146	nq	# 95
84) Di-n-octyl phthalate	22.79	149	7794561	40.300	nq	# 93
85) Indeno(1,2,3-cd)pyrene	27.01	276	8631401	37.840	nq	# 86
87) Benzo(b)fluoranthene	23.67	252	7333554	39.965	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	7025110	38.184	nq	# 95
89) Benzo(a)pyrene	24.32	252	6939100	38.927	nq	# 95
90) Dibenzo(a,h)anthracene	27.02	278	7193044	38.551	nq	# 91
91) Benzo(g,h,i)perylene	27.80	276	7245810	38.211	nq	# 89

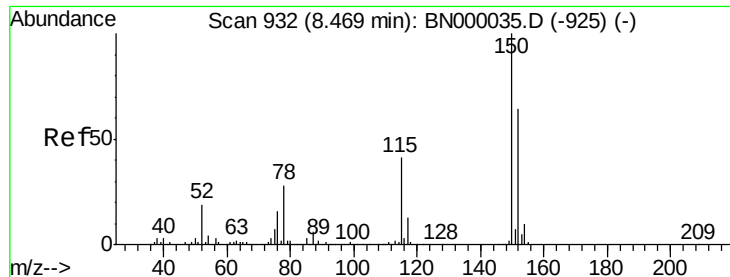
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance

TIC: BN000031.D

Time-->

1,4-Dioxane
n-Nitrosophenylamine,
2-Fluorophenol, S
Benzo[d][1,2,3-cd]pyrene
2,4-Dichlorophenol, C
1,3-Dichlorobenzene, C
2,2'-oxybis(1,2-dichlorobenzene)
n-Nitrosophenylamine, P
Hexachloroethane
Nitrobenzene-d5, S
Isobutylene
2-Nitrophenol, C
2,4-Dimethylphenol
Benzol, acid bis(2-chloroethoxy)methane
2,4-Dichlorophenol, C
Naphthalene
2,1-bis(4-chlorophenyl)ethane
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorobenzene
2,4,6-Trichlorobenzene
2-Nitroaniline
2-Chloronaphthalene
2,4-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene, C
2,4-Dinitrophenol, C
2,3,4,6-Tetrahydrophthalon
Diethylphthalate
4,6-Dinitro-2-methylphenol
n-Nitrosodiphenylamine, c
2,4,6-Trinitrophenol, S
4-Nitrophenylphenylether
Pentachlorophenol, C
Phenanthrene-d10
Phenanthrene
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Terphenyl-d14-S
Butylbenzylphthalate
Chrysene-d12
1,2,3,4,5-Pentachlorophthalate
Di-n-octyl phthalate, c
Benzo[a]pyrene
Benzo[a]pyrene, C
Perylene-d12, I
Benzo[g,h,i]perylene
Dibenz[a,h]anthracene

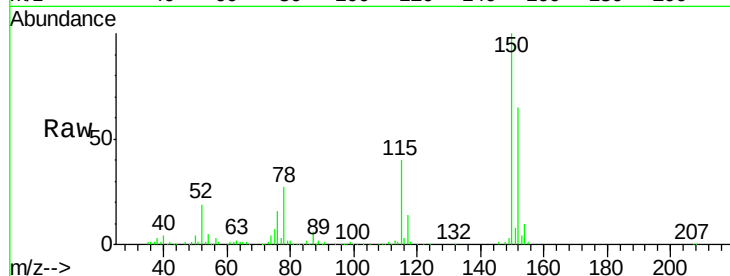


#1

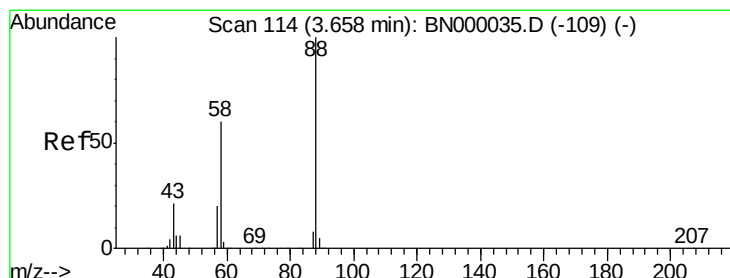
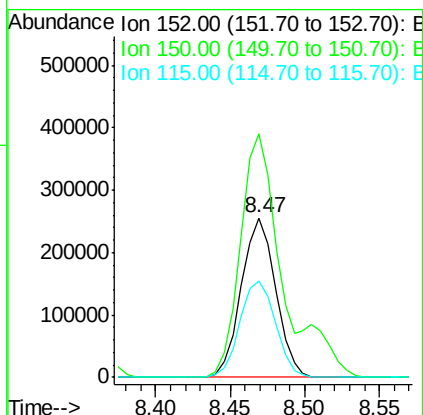
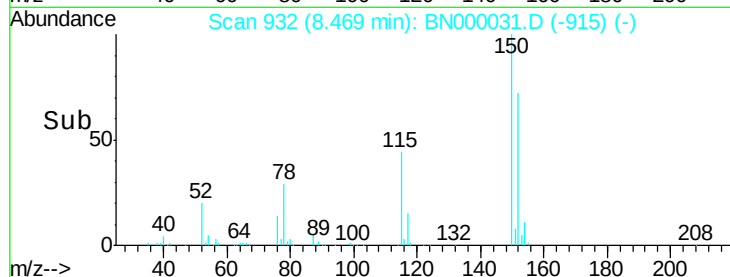
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 407889
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 60.8 53.0 79.4



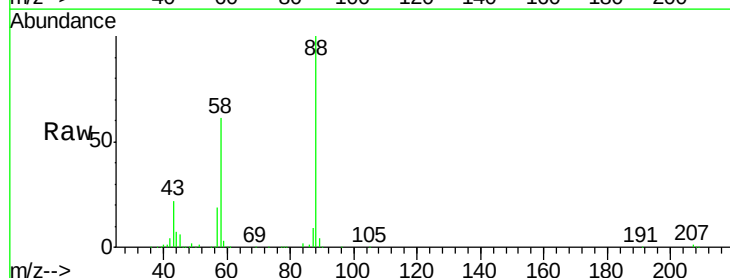
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



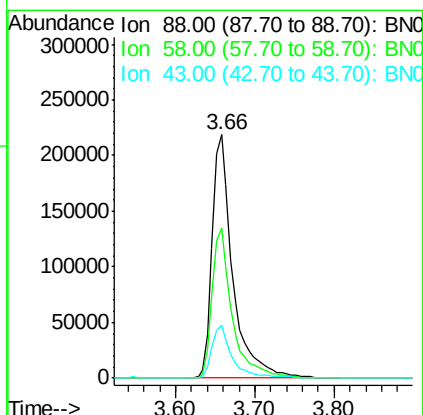
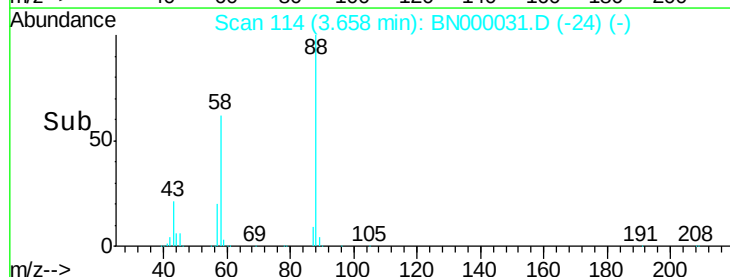
#2

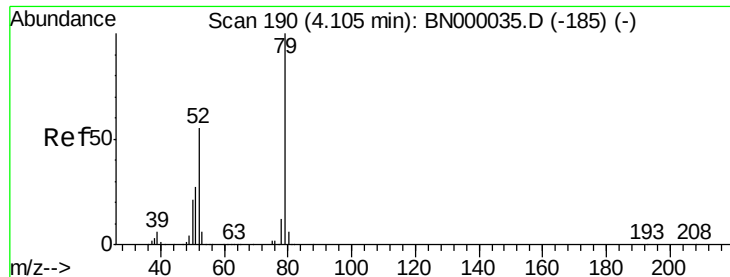
1,4-Dioxane
Concen: 35.693 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 88 Resp: 390627
Ion Ratio Lower Upper
88 100
58 60.7 52.0 78.0
43 20.8 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: 38.307 ng

RT: 4.10 min Scan# 189

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

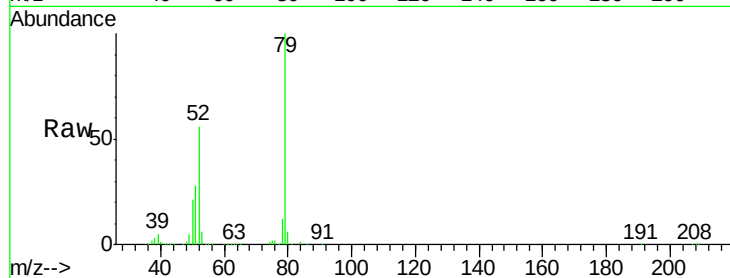
Tot Ion: 79 Resp: 1271455

Ion Ratio Lower Upper

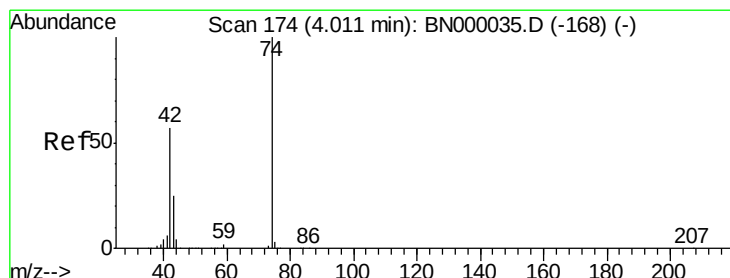
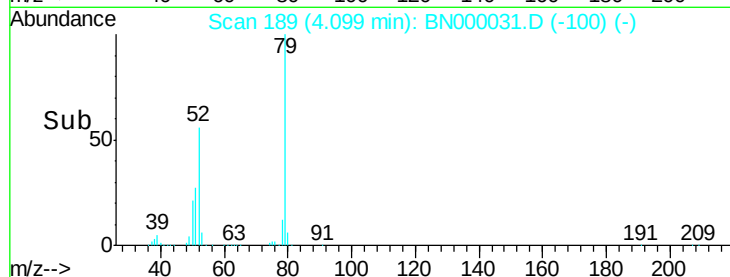
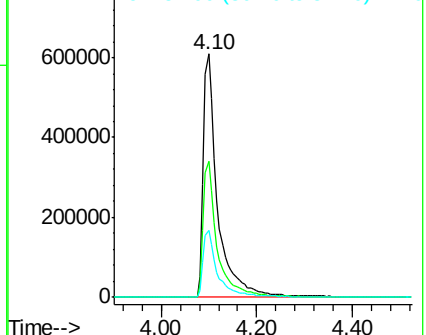
79 100

52 55.6 44.0 66.0

51 27.6 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 35.535 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

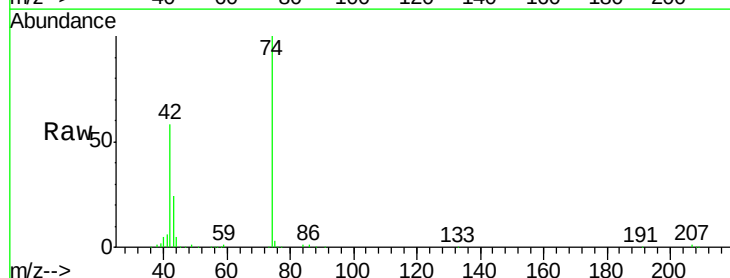
Tgt Ion: 42 Resp: 347002

Ion Ratio Lower Upper

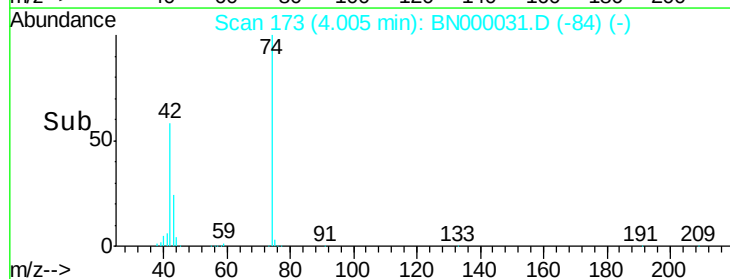
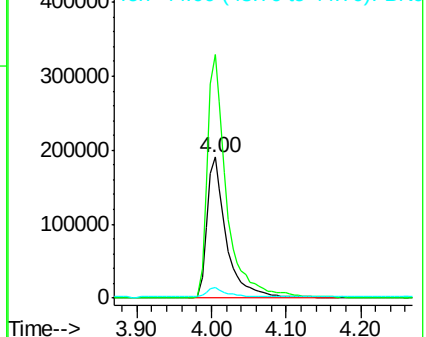
42 100

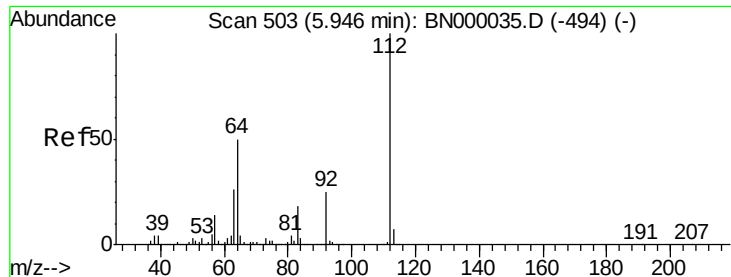
74 173.0 128.0 192.0

44 7.9 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 73.333 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

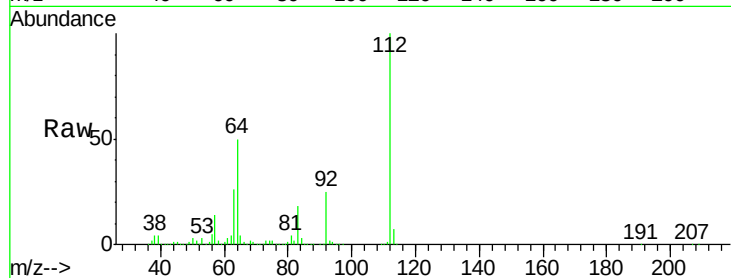
Tot Ion:112 Resp: 2028697

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

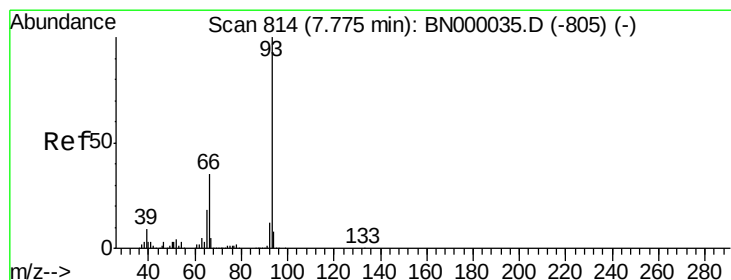
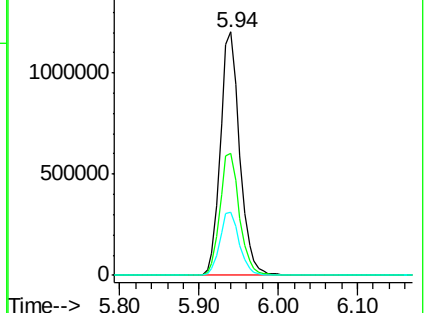
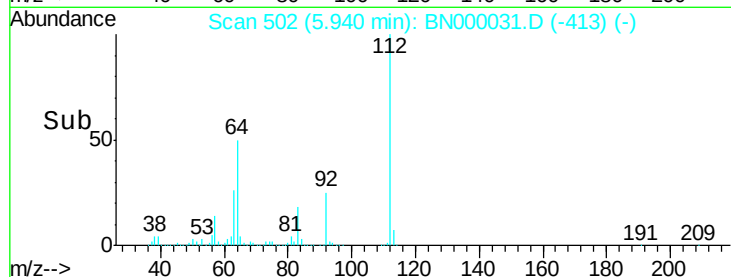
63 25.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 36.727 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

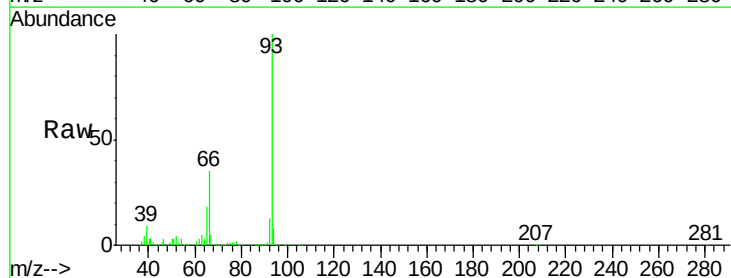
Tgt Ion: 93 Resp: 2103816

Ion Ratio Lower Upper

93 100

66 35.3 33.7 50.5

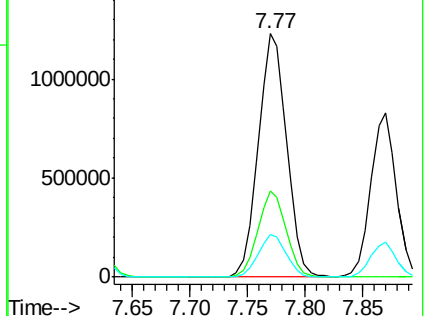
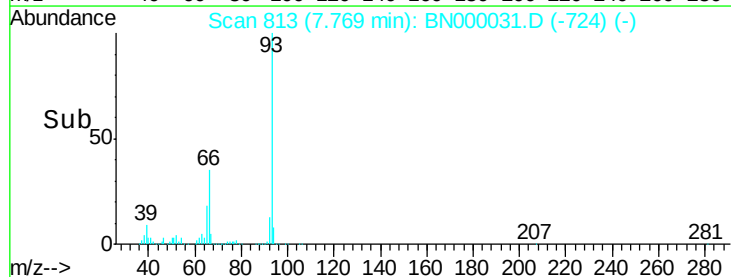
65 17.6 16.1 24.1

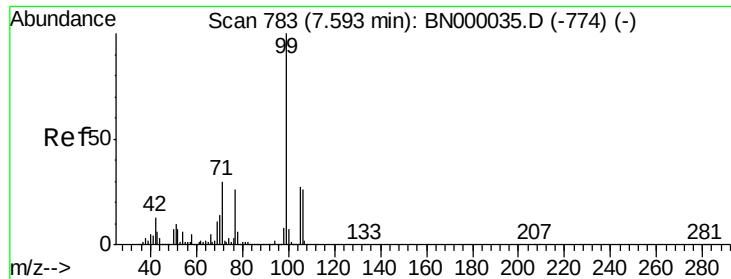


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 73.548 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

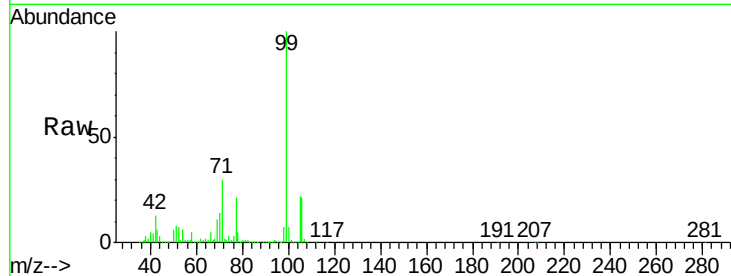
Instrument :

BNA_N

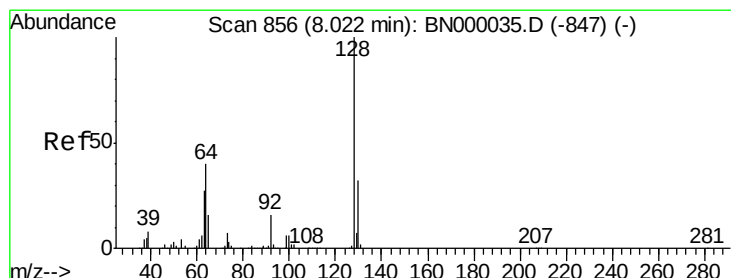
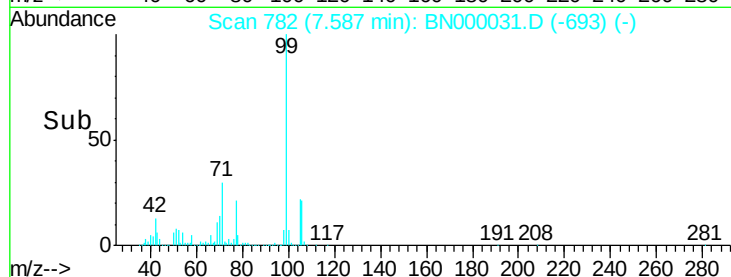
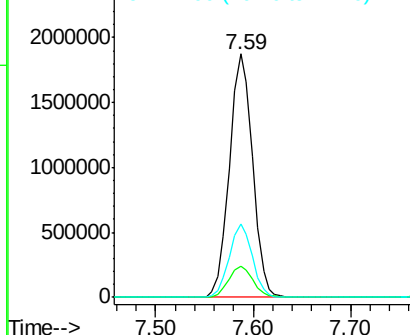
ClientSampleId :

Tot Ion: 99 Resp: 3090535

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.1	21.1#
71	30.1	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 37.595 ng

RT: 8.02 min Scan# 855

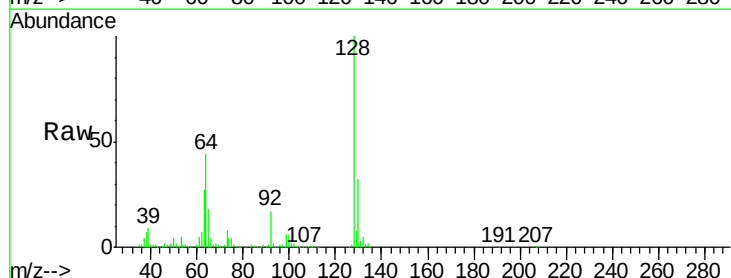
Delta R.T. -0.01 min

Lab File: BN000031.D

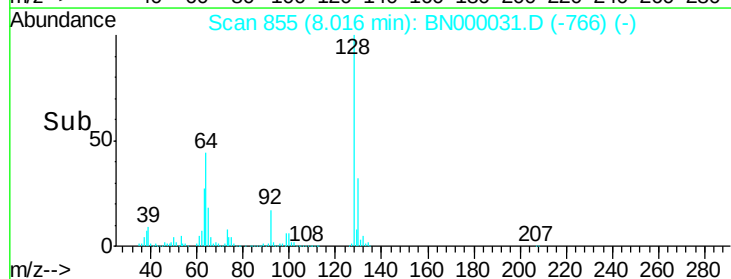
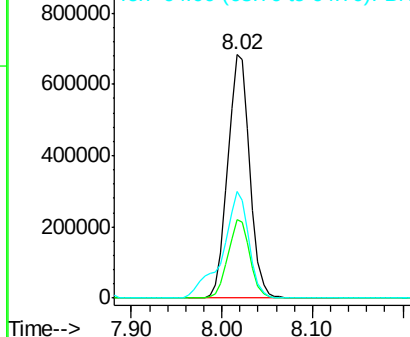
Acq: 07 Feb 2018 10:54

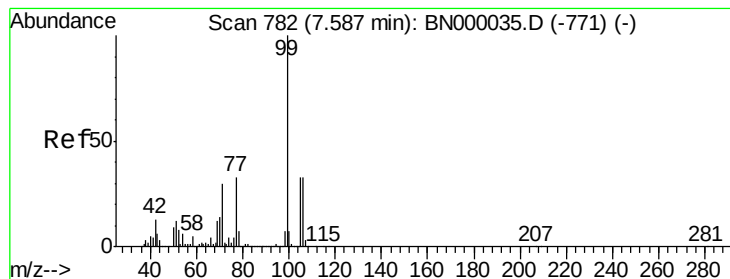
Tgt Ion: 128 Resp: 1150553

Ion	Ratio	Lower	Upper
128	100		
130	32.2	14.0	54.0
64	43.7	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BN0





#9

Benzaldehyde

Concen: 34.499 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

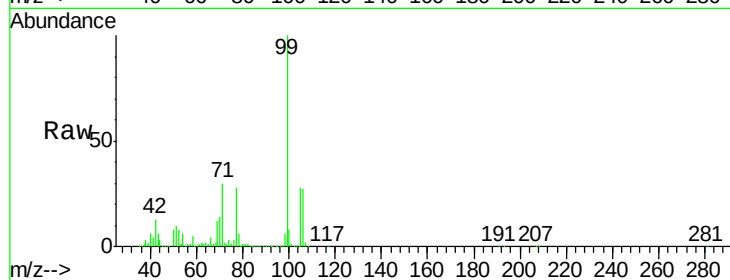
Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 740213

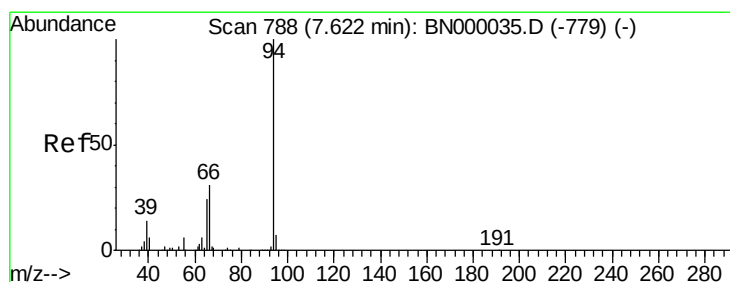
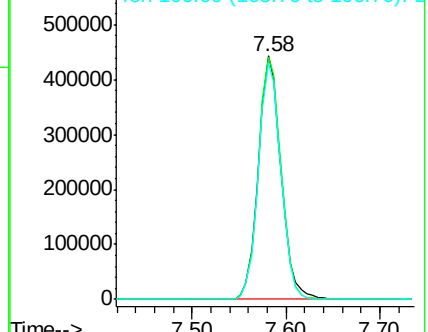
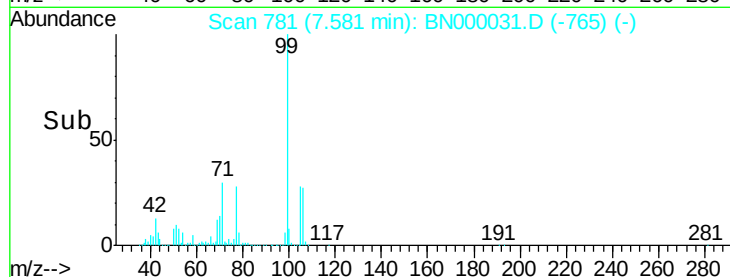
Ion	Ratio	Lower	Upper
77	100		
105	99.8	71.3	111.3
106	97.0	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 36.742 ng

RT: 7.62 min Scan# 787

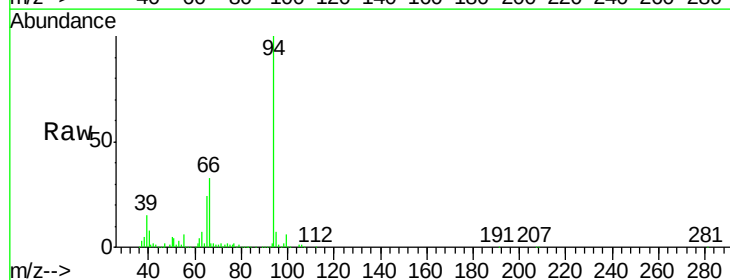
Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Tgt Ion: 94 Resp: 1578148

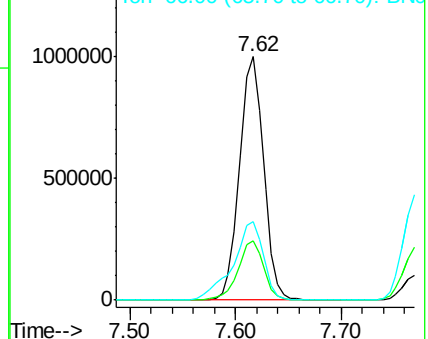
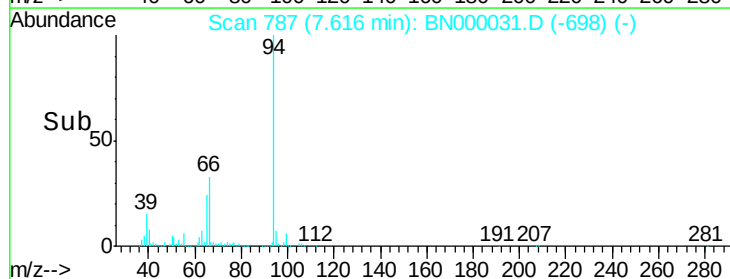
Ion	Ratio	Lower	Upper
94	100		
65	24.4	11.9	51.9
66	32.5	22.2	62.2

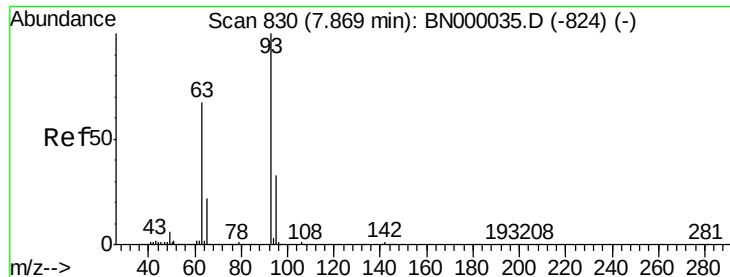


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

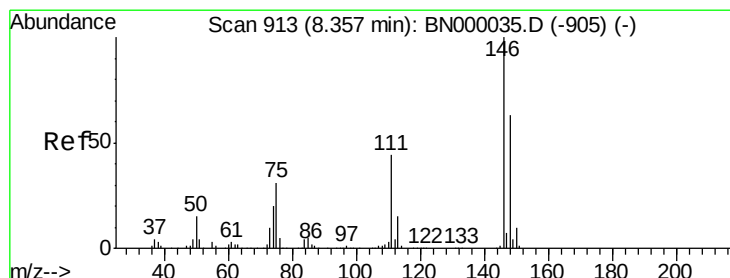
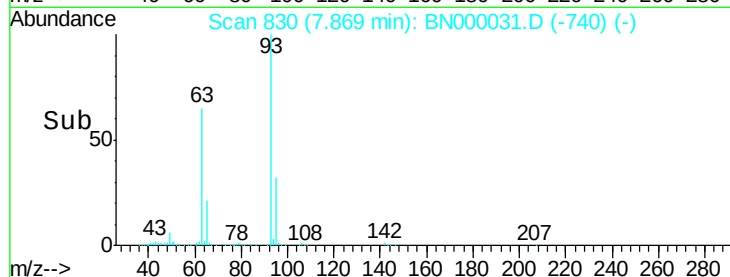
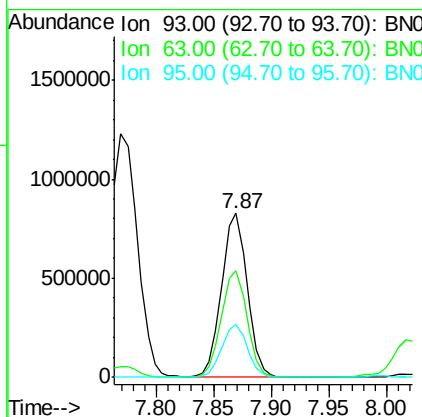
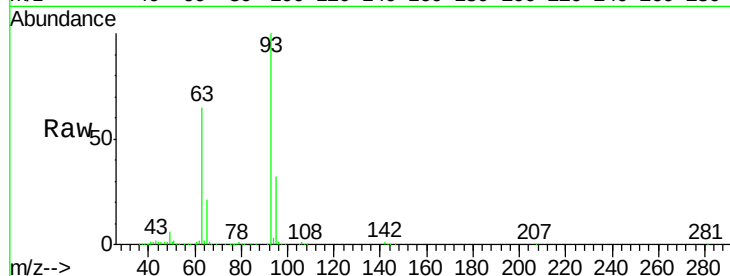




#11
bis(2-Chloroethyl)ether
Concen: 37.229 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

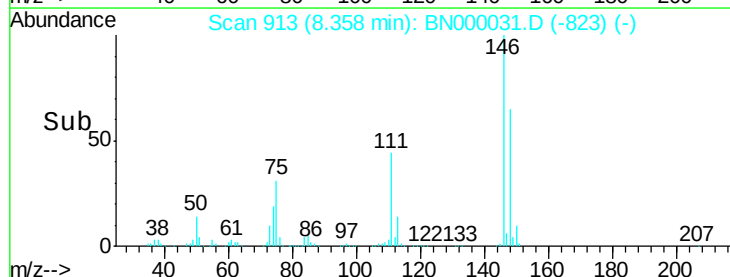
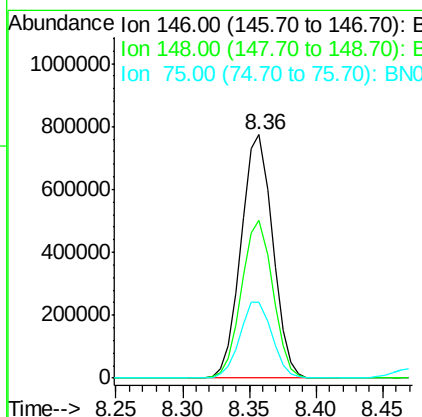
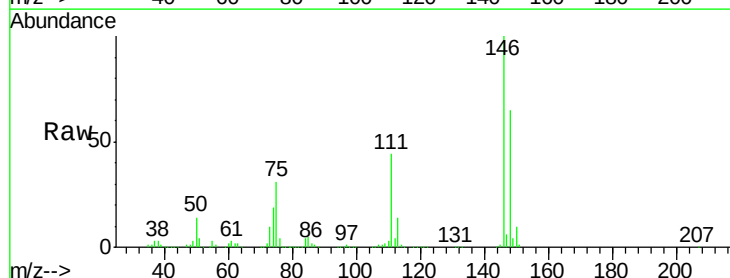
Instrument :
BNA_N
ClientSampleId :

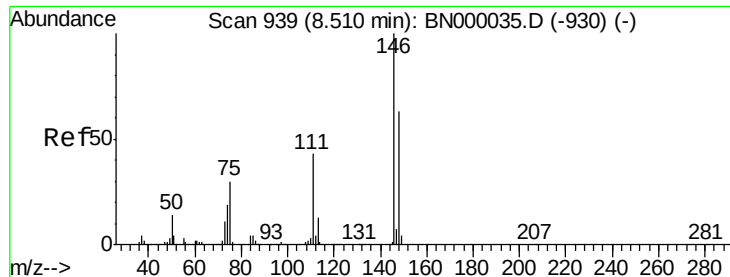
Tot Ion: 93 Resp: 1275668
Ion Ratio Lower Upper
93 100
63 64.8 67.1 107.1#
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.313 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 146 Resp: 1267744
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 31.4 26.6 39.8

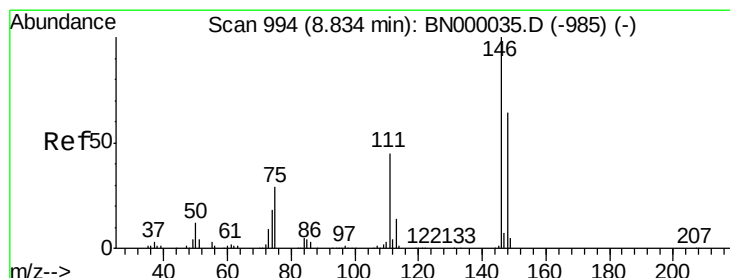
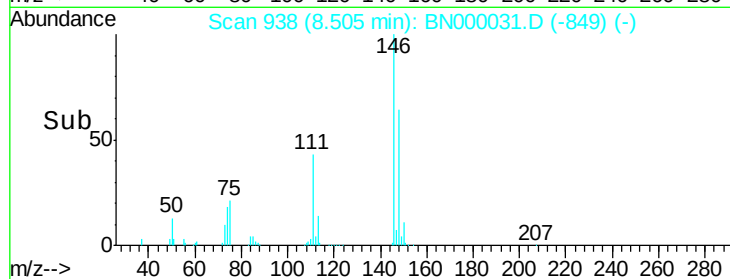
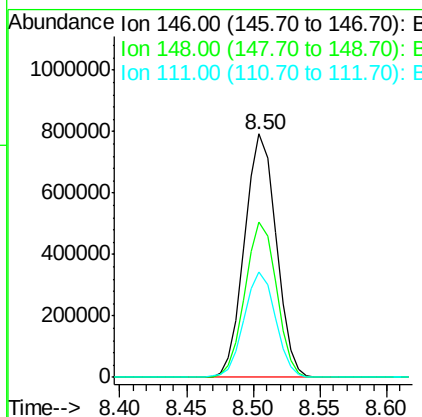
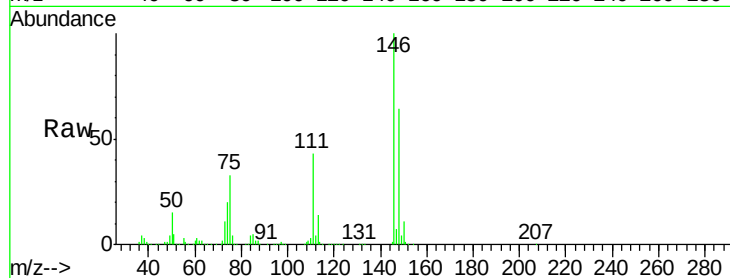




#13
 1,4-Dichlorobenzene
 Concen: 37.263 ng
 RT: 8.50 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

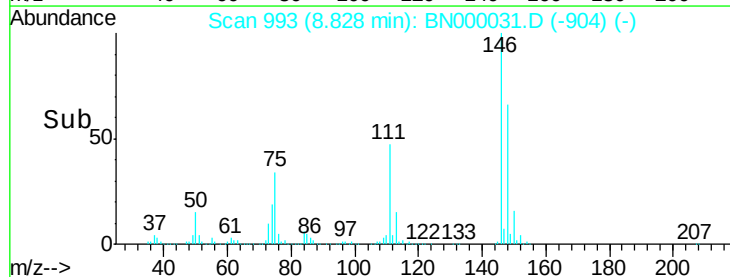
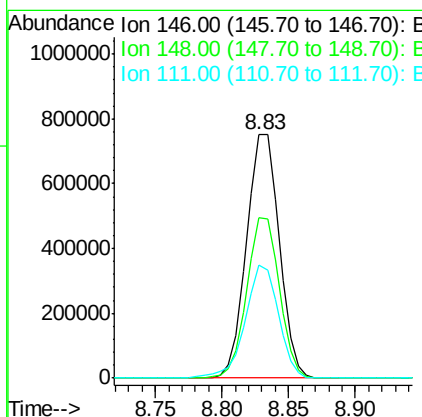
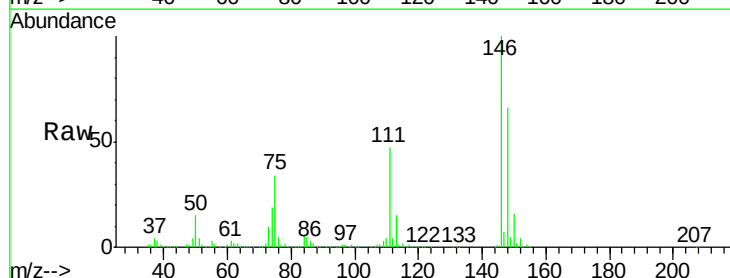
Instrument :
 BNA_N
 ClientSampled :

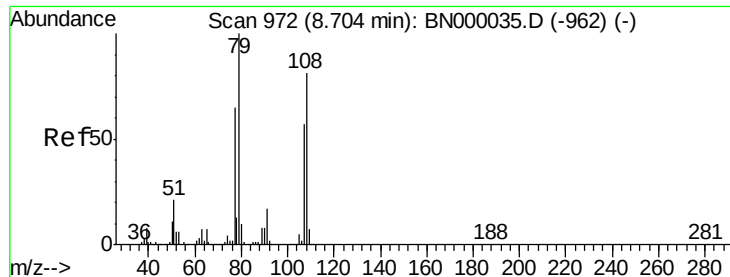
Tot Ion:146 Resp: 1300253
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.7 80.5
 111 43.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.011 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:146 Resp: 1275971
 Ion Ratio Lower Upper
 146 100
 148 65.7 49.3 73.9
 111 46.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.800 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampled :

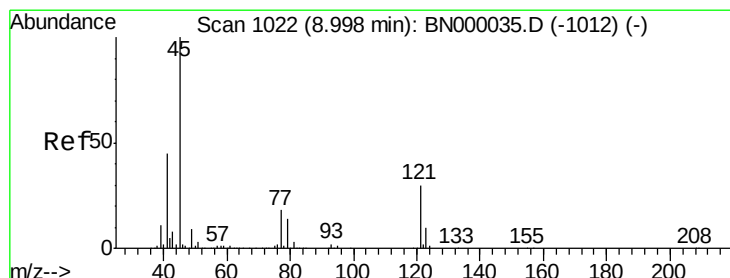
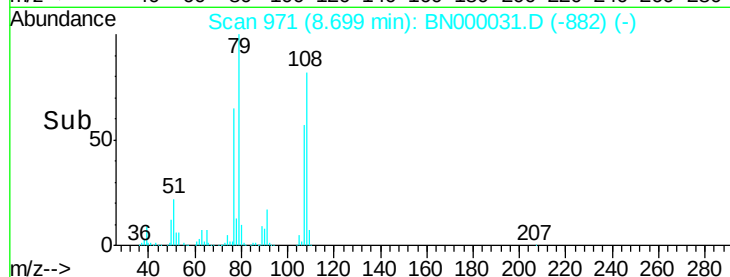
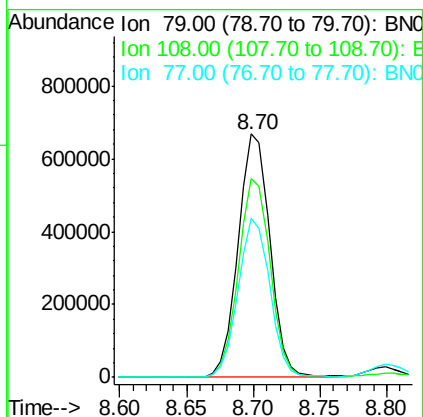
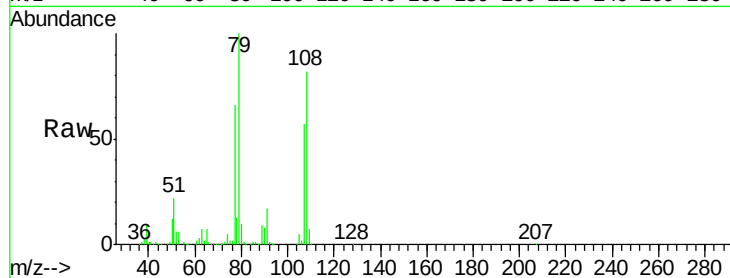
Tot Ion: 79 Resp: 1104727

Ion Ratio Lower Upper

79 100

108 81.9 57.2 85.8

77 65.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.363 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

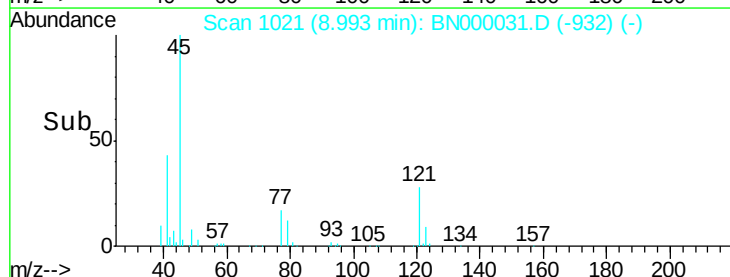
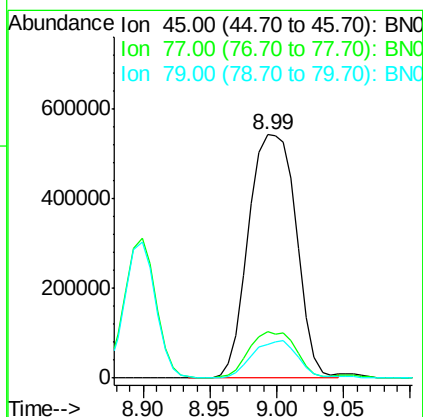
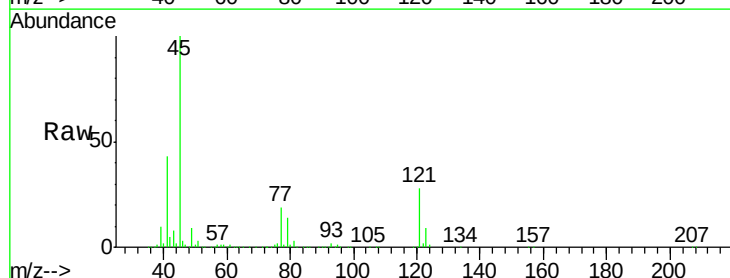
Tgt Ion: 45 Resp: 1347669

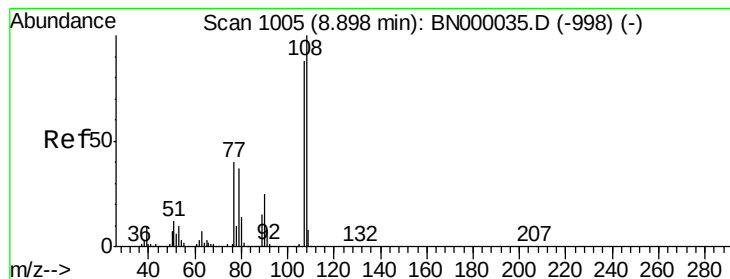
Ion Ratio Lower Upper

45 100

77 19.0 0.0 30.2

79 13.7 0.0 27.9

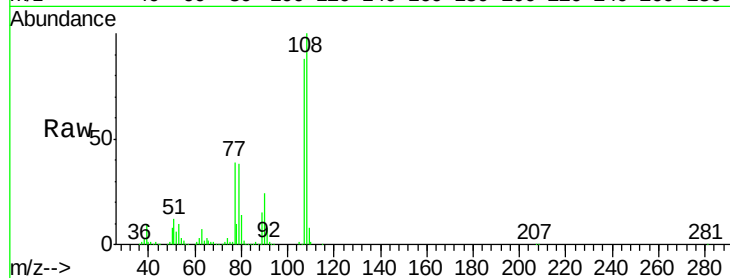




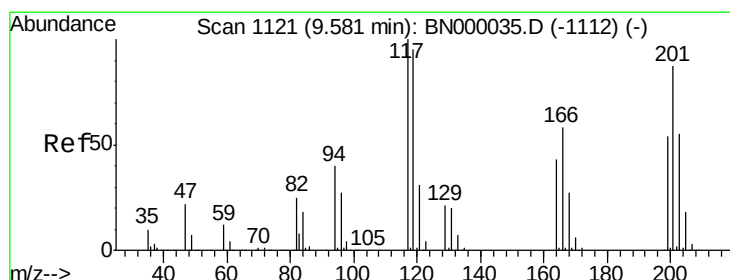
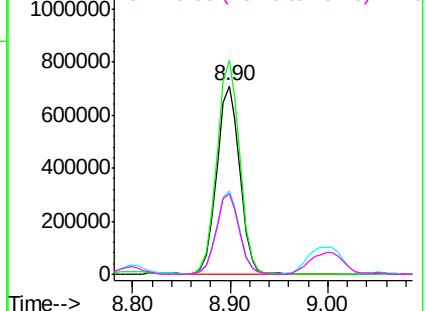
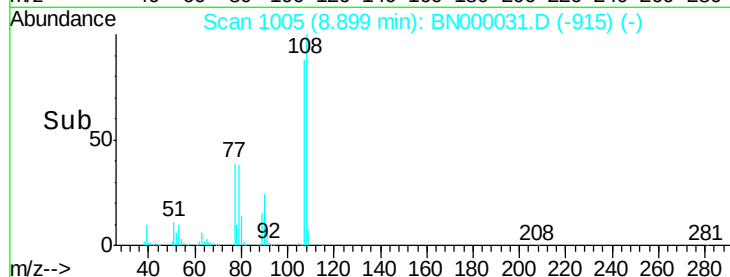
#17
2-Methylphenol
Concen: 37.031 ng
RT: 8.90 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 1146917
Ion Ratio Lower Upper
107 100
108 113.1 83.9 125.9
77 43.8 37.2 55.8
79 42.7 36.2 54.2

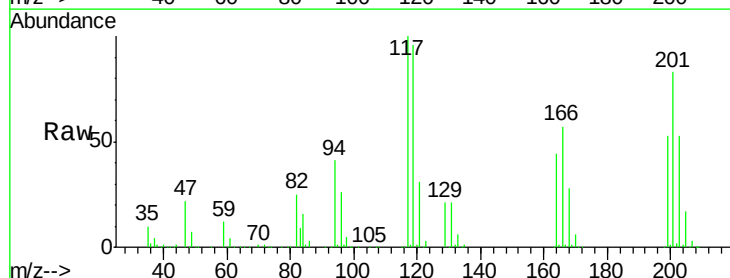


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

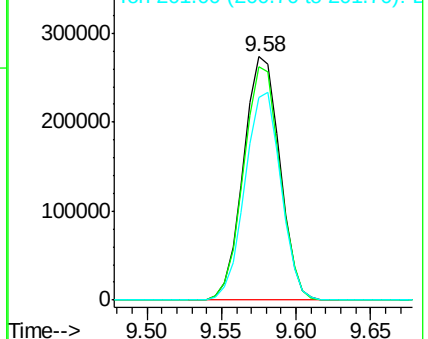
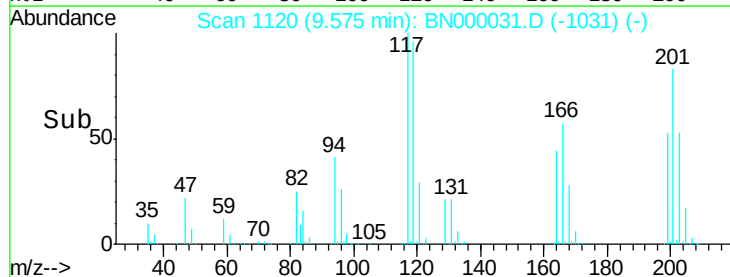


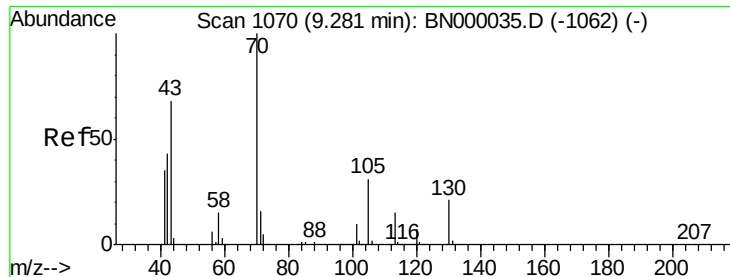
#18
Hexachloroethane
Concen: 38.602 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:117 Resp: 461908
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1
201 83.0 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

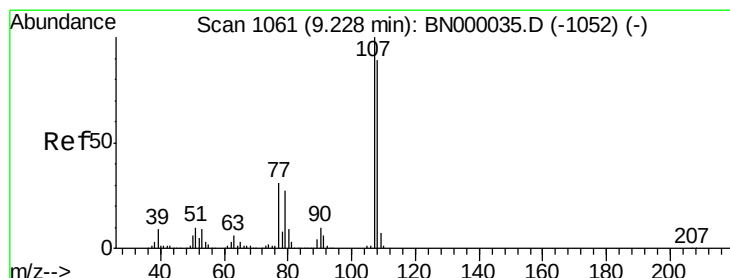
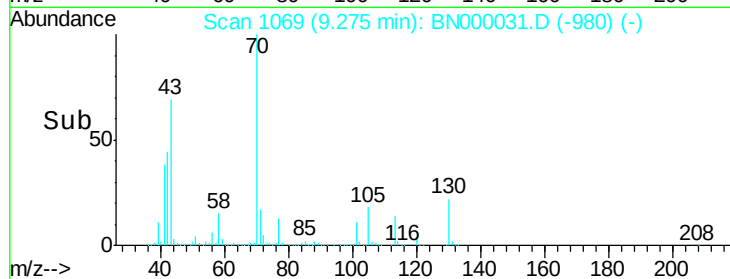
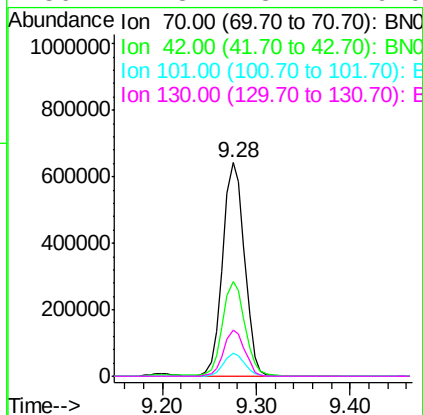
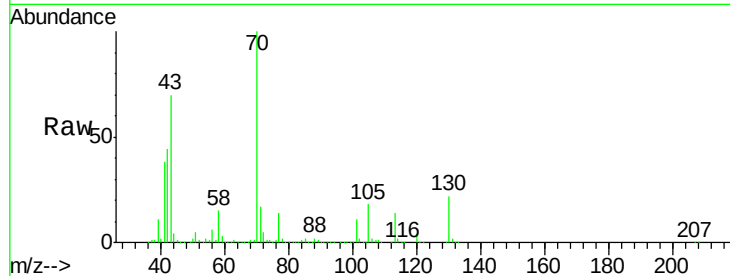




#19
n-Nitroso-di-n-propylamine
Concen: 36.589 ng
RT: 9.28 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

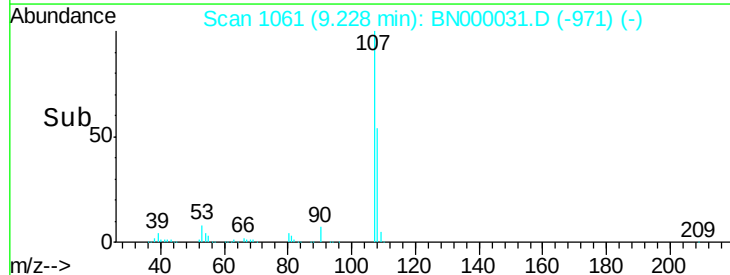
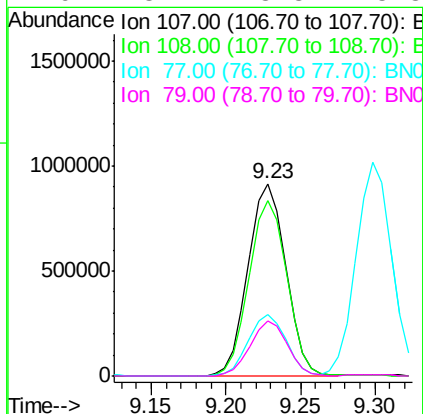
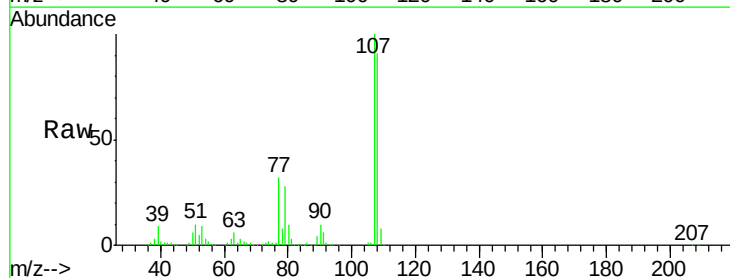
Instrument :
BNA_N
ClientSampled :

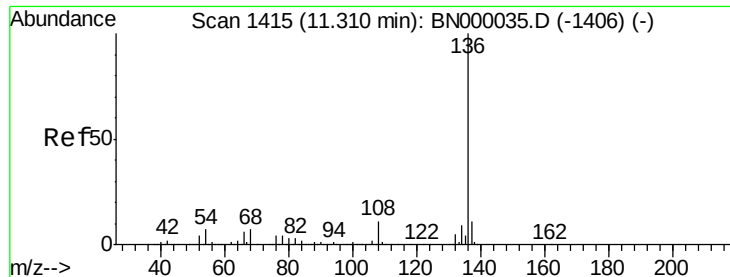
Tot Ion: 70 Resp: 1036068
Ion Ratio Lower Upper
70 100
42 44.1 49.1 73.7#
101 10.8 8.5 12.7
130 21.8 13.4 20.0#



#20
3+4-Methylphenols
Concen: 37.156 ng
RT: 9.23 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 107 Resp: 1611788
Ion Ratio Lower Upper
107 100
108 91.4 61.6 101.6
77 31.9 13.9 53.9
79 28.4 8.8 48.8

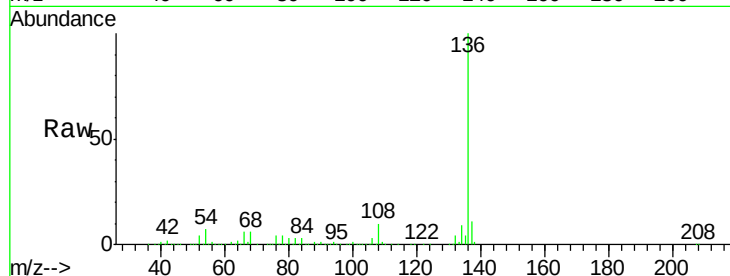




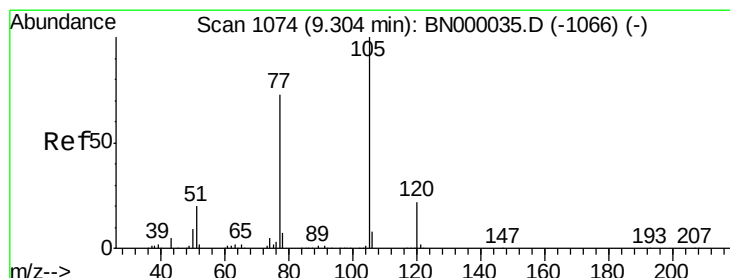
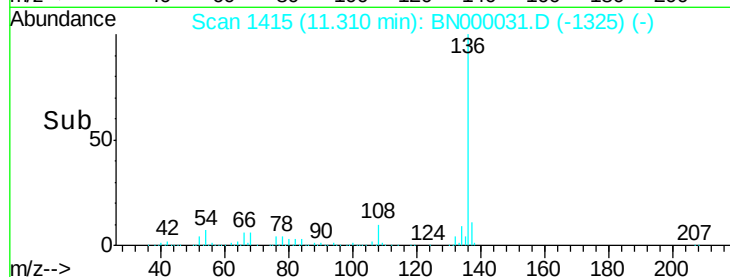
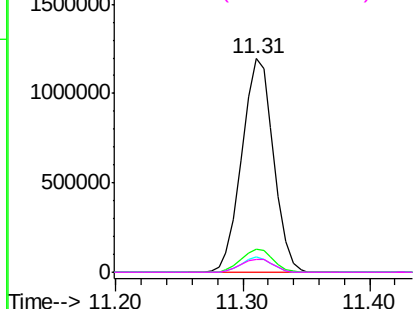
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 2063809
Ion Ratio	Lower Upper
136 100	
137 10.6	9.2 13.8
54 7.0	10.3 15.5#
68 6.3	4.5 6.7

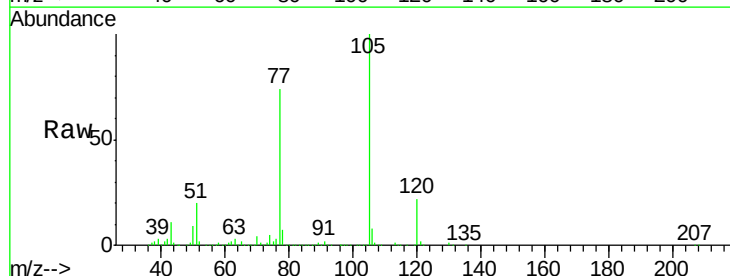


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

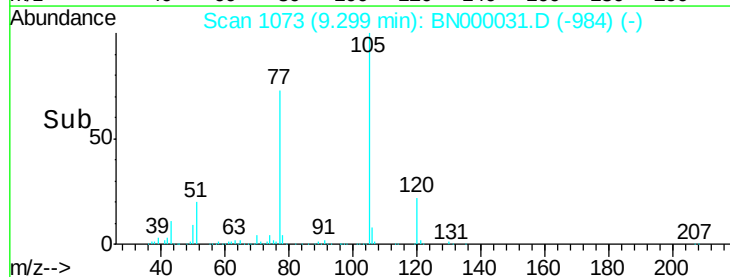
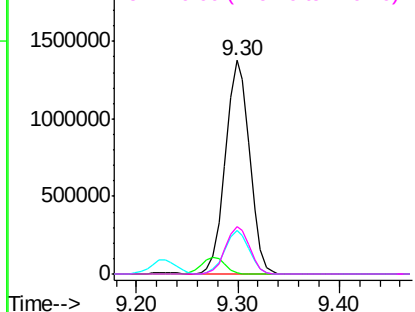


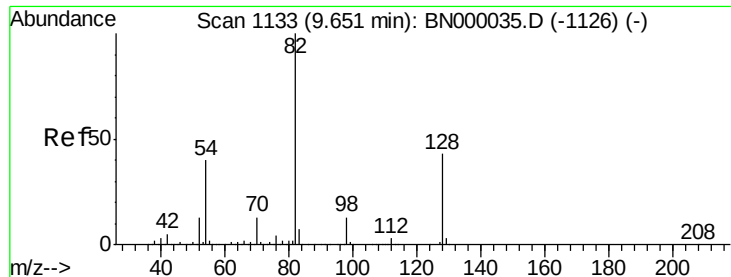
#22
Acetophenone
Concen: 37.154 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt	Ion:105	Resp:	2264726
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	20.3	26.1	39.1#
120	22.3	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

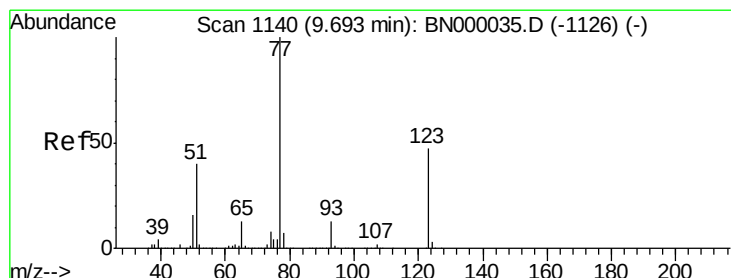
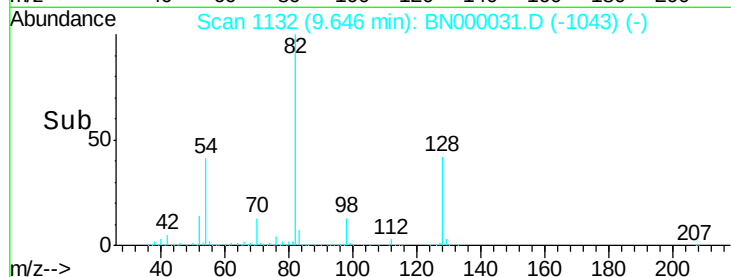
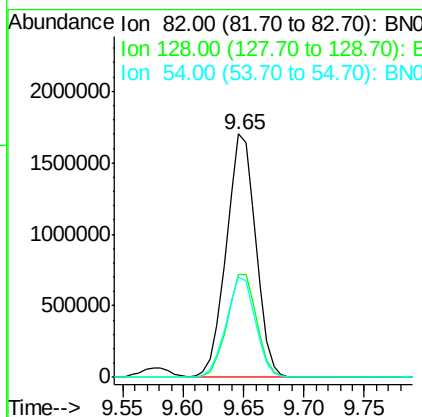
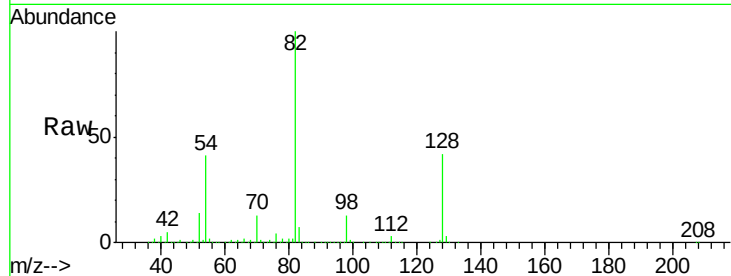




#23
 Nitrobenzene-d5
 Concen: 84.407 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

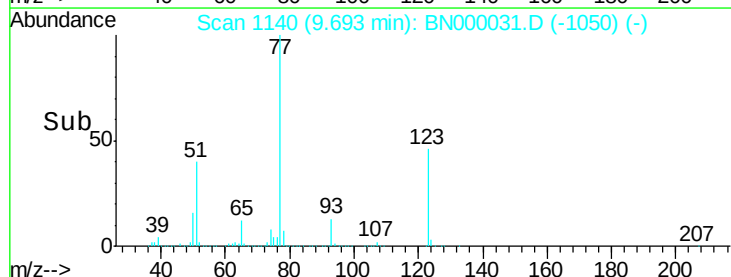
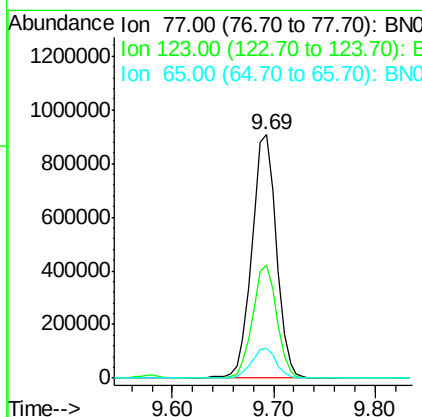
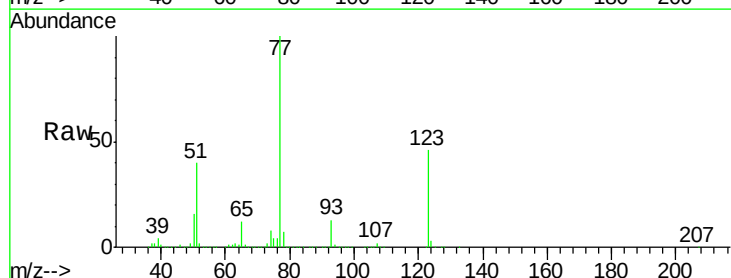
Instrument :
 BNA_N
 ClientSampleId :

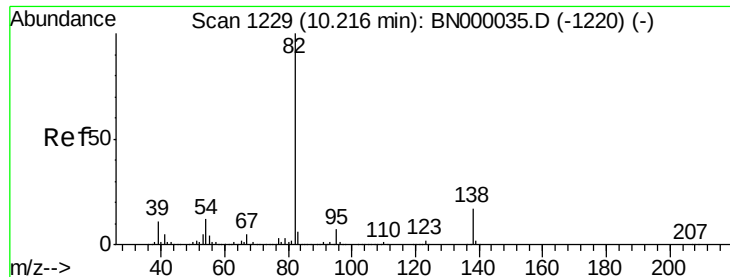
Tot Ion: 82 Resp: 2880798
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 41.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 41.397 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion: 77 Resp: 1515436
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.0 49.6
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 36.298 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampled :

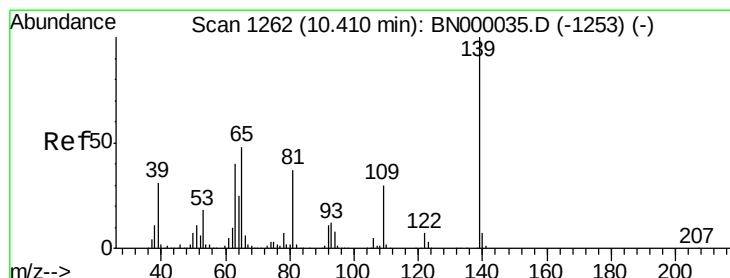
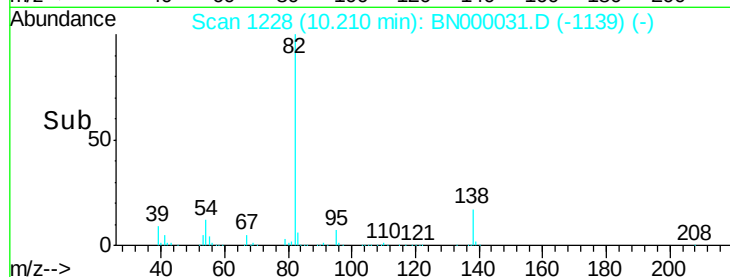
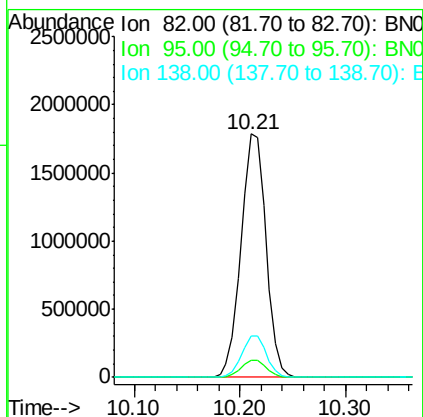
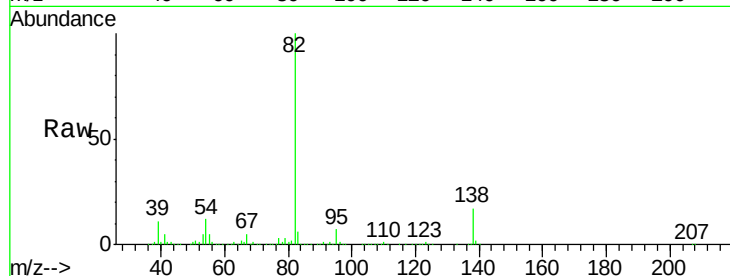
Tot Ion: 82 Resp: 2934549

Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.2	9.2
138	17.0	12.1	18.1

82 100

95 7.2 6.2 9.2

138 17.0 12.1 18.1



#26

2-Nitrophenol

Concen: 48.125 ng

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

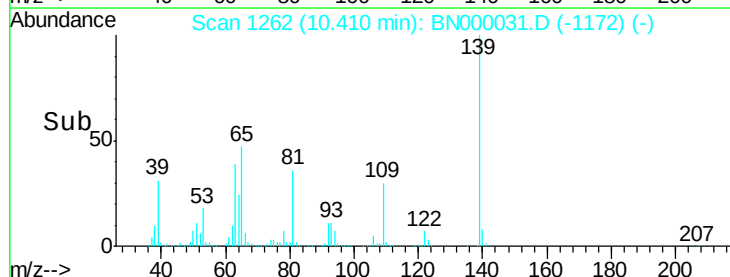
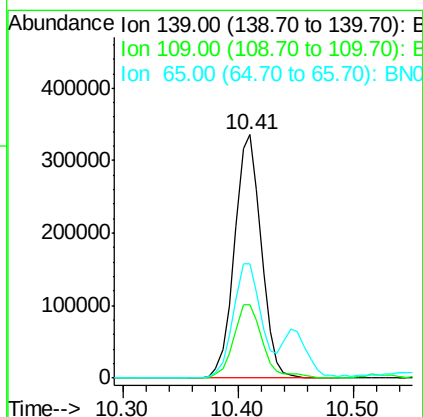
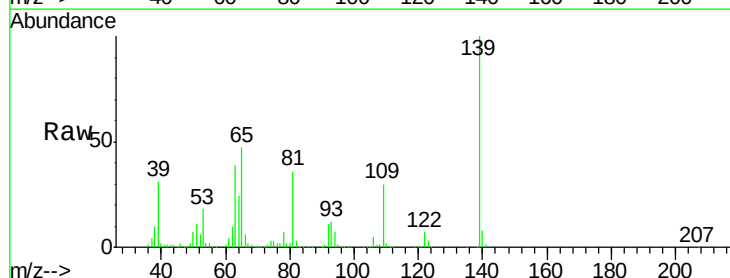
Tgt Ion: 139 Resp: 539568

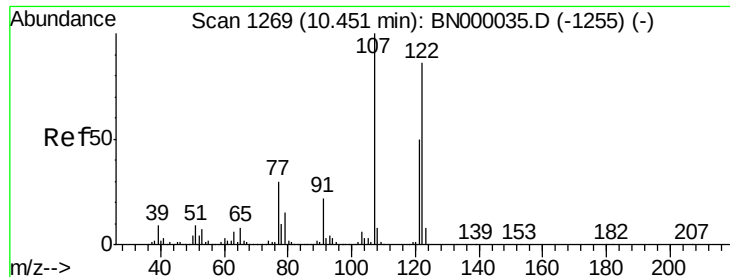
Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.2	36.2
65	46.9	47.4	71.0

139 100

109 30.4 24.2 36.2

65 46.9 47.4 71.0

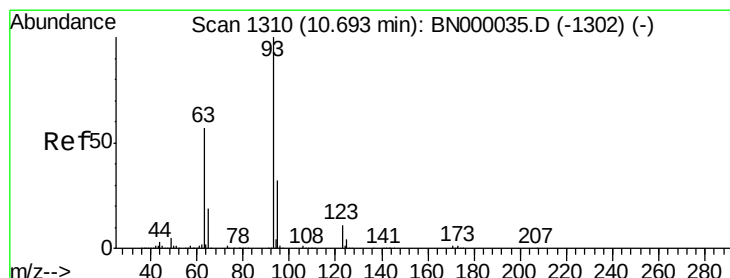
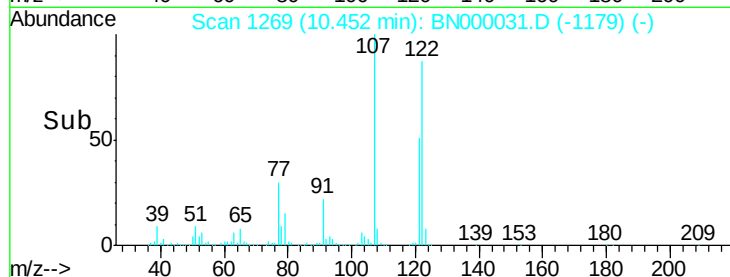
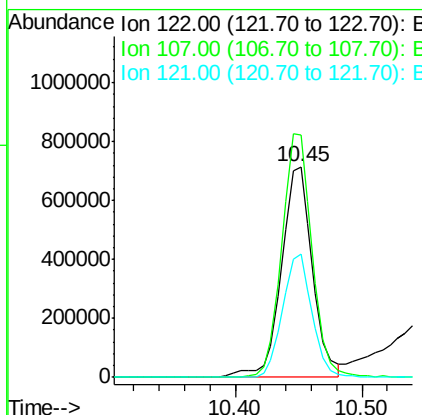
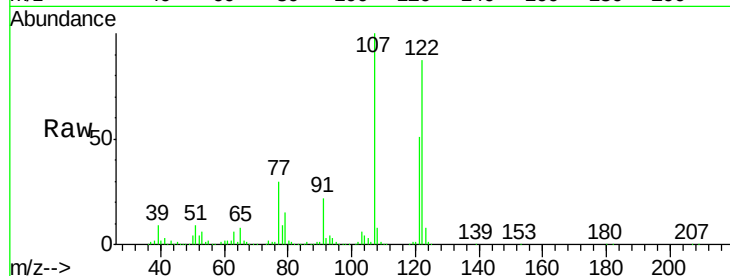




#27
2,4-Dimethylphenol
Concen: 36.808 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

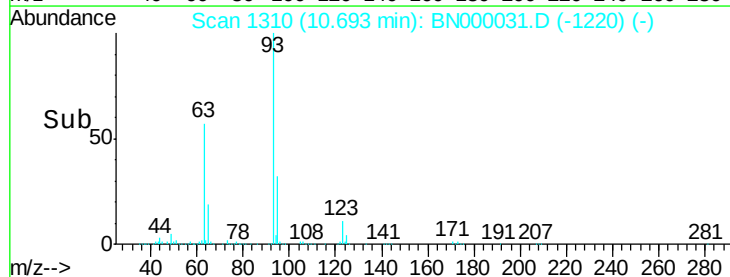
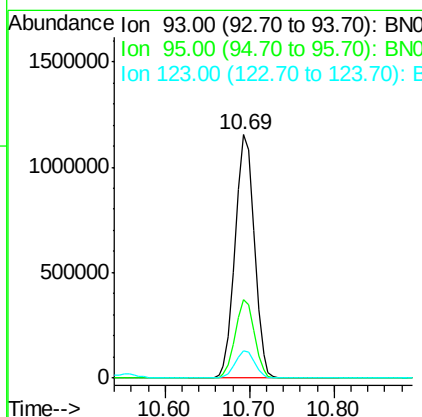
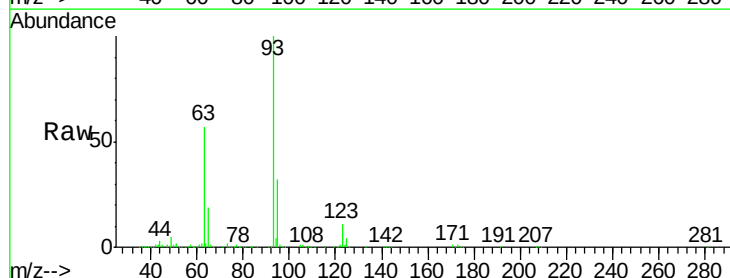
Instrument :
BNA_N
ClientSampleId :

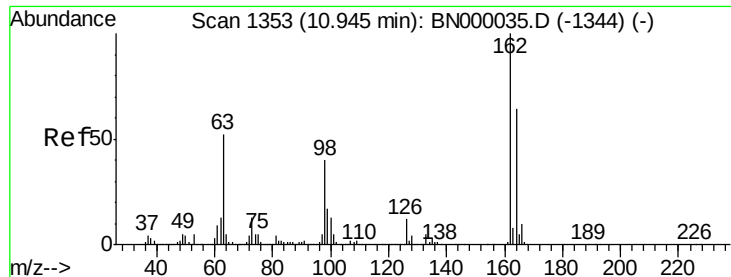
Tot Ion:122 Resp: 1220124
Ion Ratio Lower Upper
122 100
107 115.1 100.2 150.2
121 58.7 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.439 ng
RT: 10.69 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 93 Resp: 1792468
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 11.1 8.4 12.6

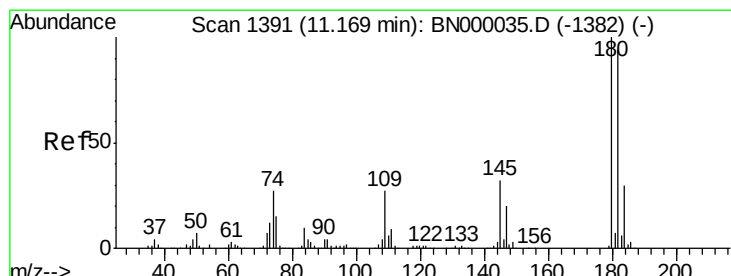
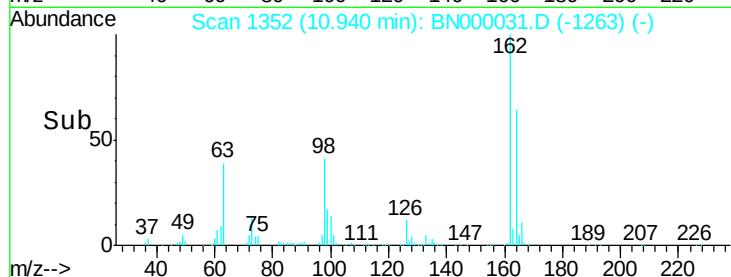
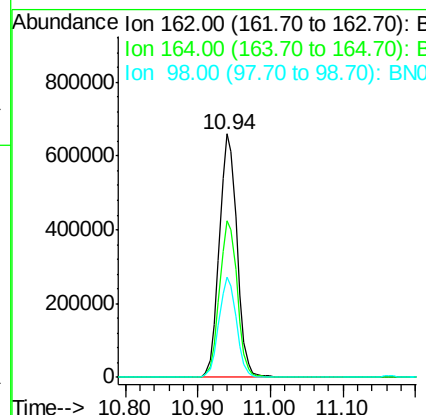
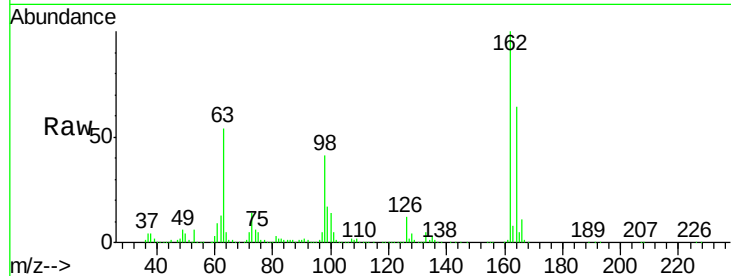




#29
2,4-Dichlorophenol
Concen: 39.437 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

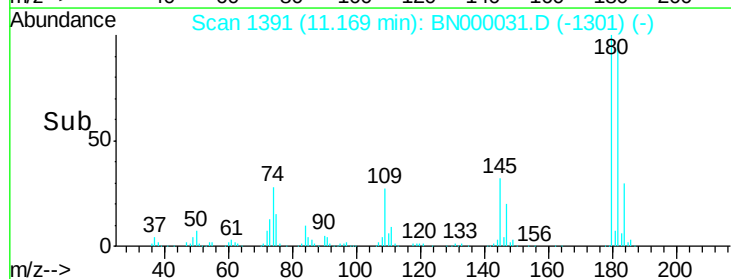
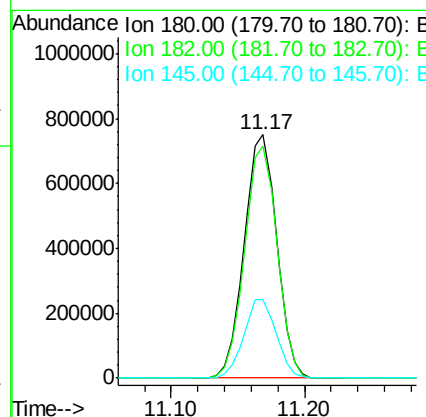
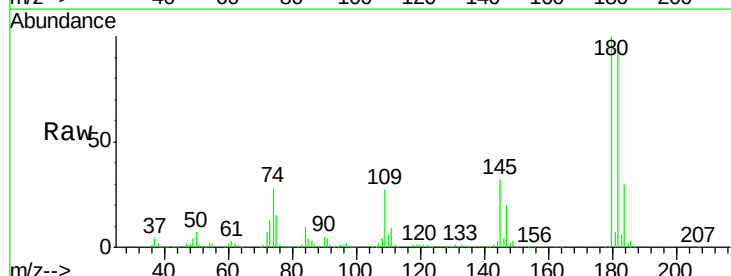
Instrument :
BNA_N
ClientSampleId :

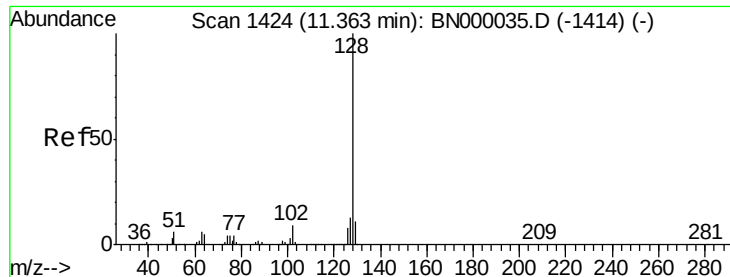
Tot Ion:162 Resp: 1121672
Ion Ratio Lower Upper
162 100
164 64.4 48.0 88.0
98 41.0 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 37.821 ng
RT: 11.17 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:180 Resp: 1259659
Ion Ratio Lower Upper
180 100
182 95.6 77.5 116.3
145 32.3 23.4 35.2

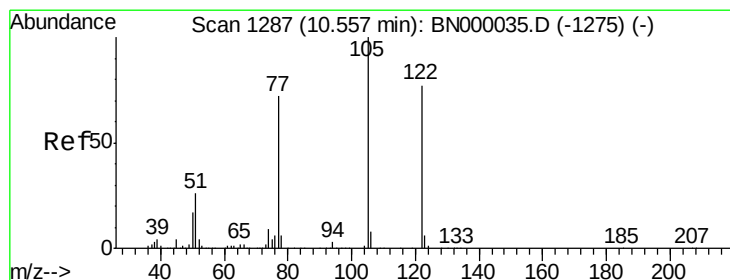
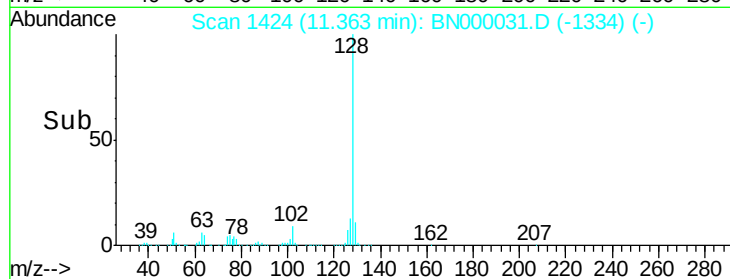
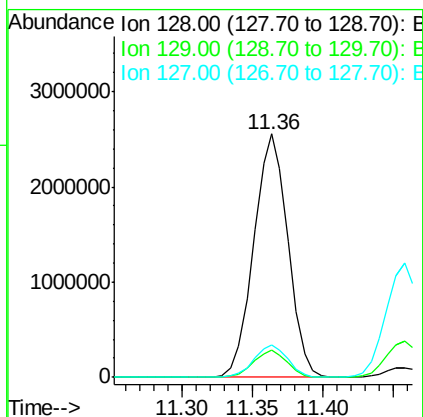
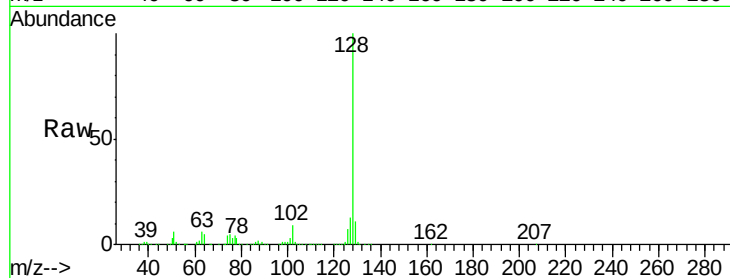




#31
Naphthalene
Concen: 37.410 ng
RT: 11.36 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

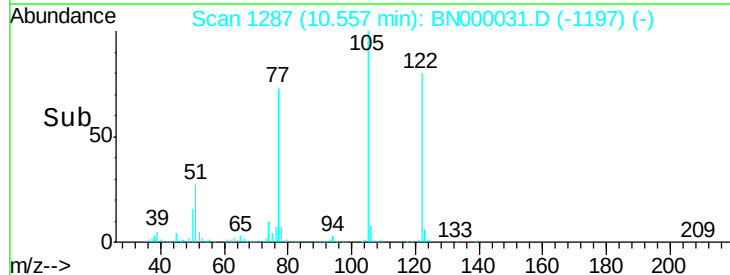
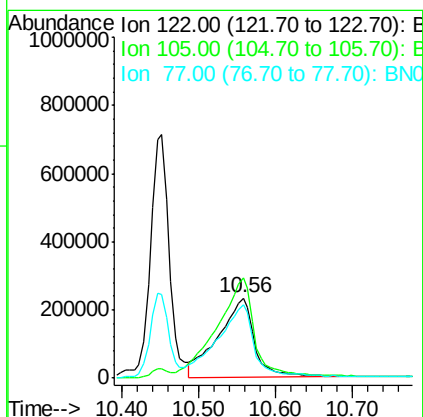
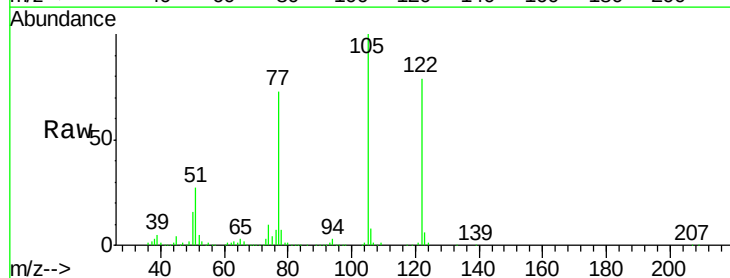
Instrument :
BNA_N
ClientSampleId :

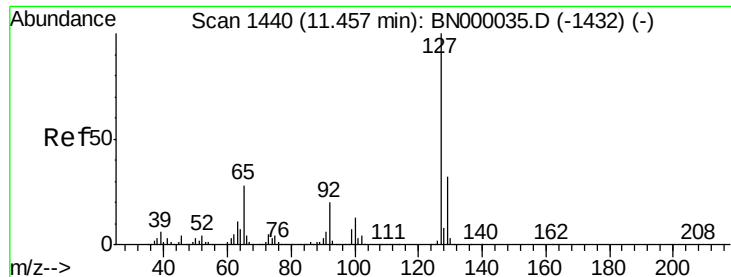
Tot Ion:128 Resp: 4330089
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 11.6 17.4



#32
Benzoic acid
Concen: 43.710 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:122 Resp: 750291
Ion Ratio Lower Upper
122 100
105 125.8 123.5 163.5
77 91.4 85.7 125.7

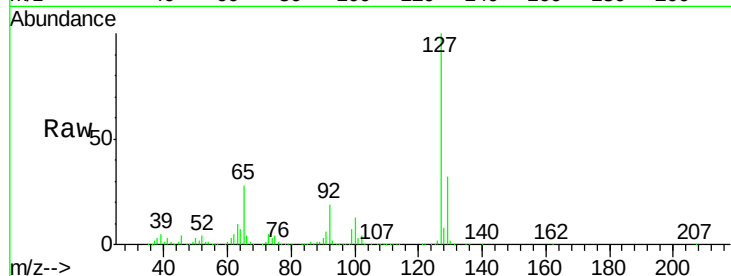




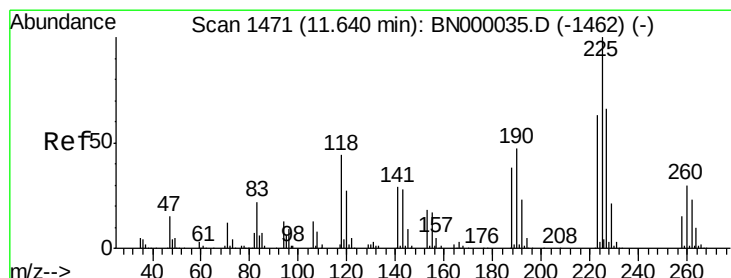
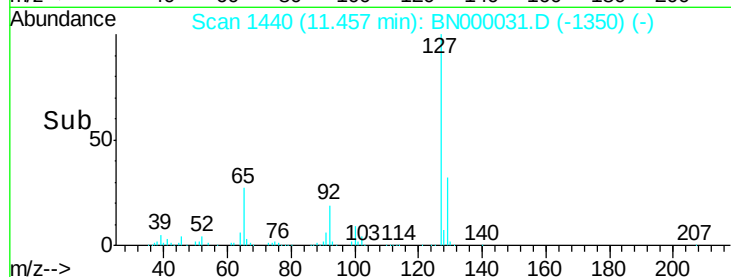
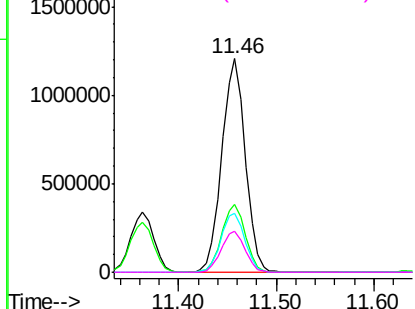
#33
4-Chloroaniline
Concen: 37.381 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 2005926
Ion Ratio Lower Upper
127 100
129 31.7 24.0 36.0
65 27.5 27.0 40.4
92 19.2 16.6 25.0

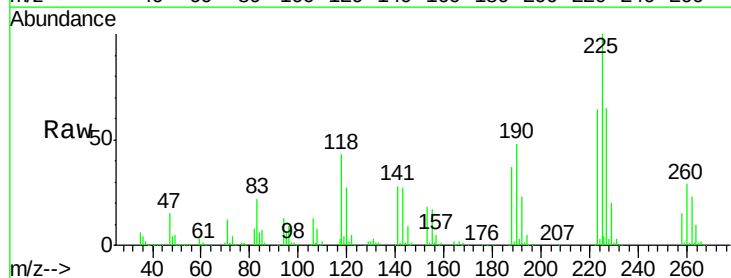


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

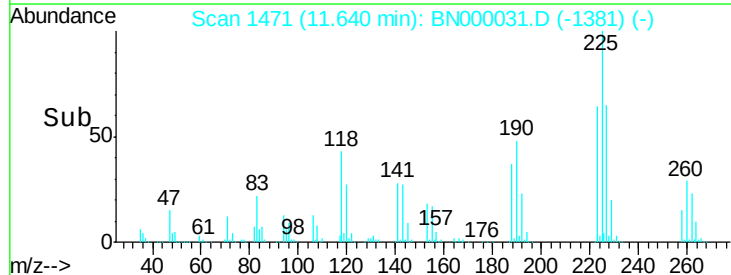
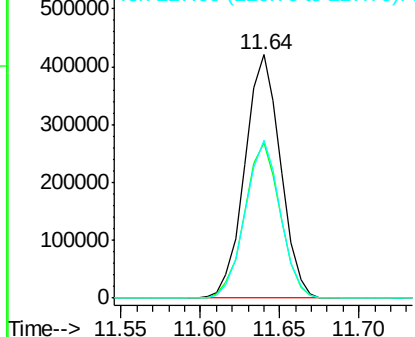


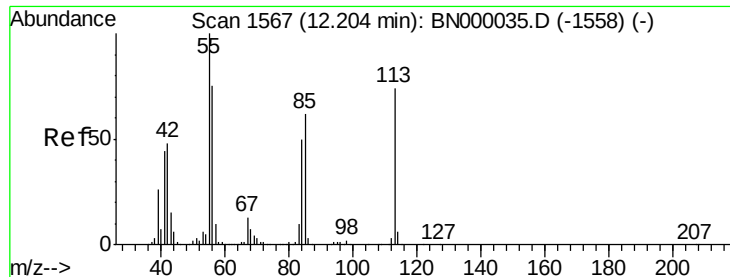
#34
Hexachlorobutadiene
Concen: 38.780 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:225 Resp: 658035
Ion Ratio Lower Upper
225 100
223 64.0 49.7 74.5
227 64.6 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: 37.875 ng

RT: 12.21 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

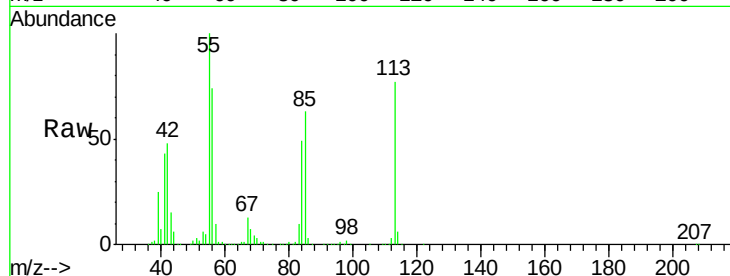
Tot Ion:113 Resp: 478844

Ion Ratio Lower Upper

113 100

55 129.8 120.0 160.0

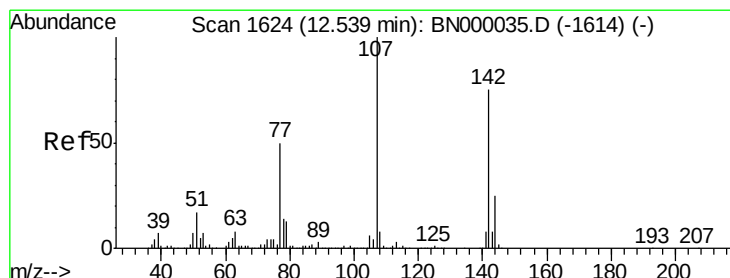
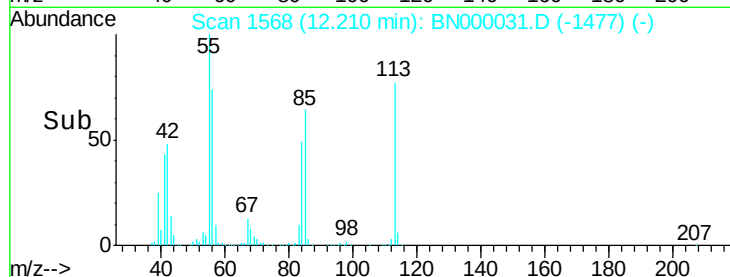
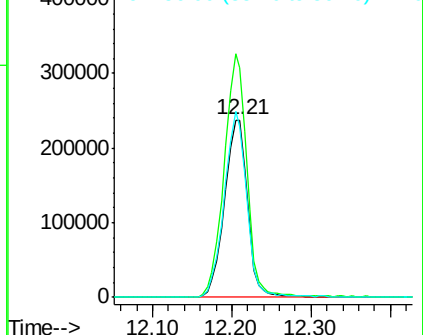
56 96.2 90.0 130.0



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: 37.539 ng

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

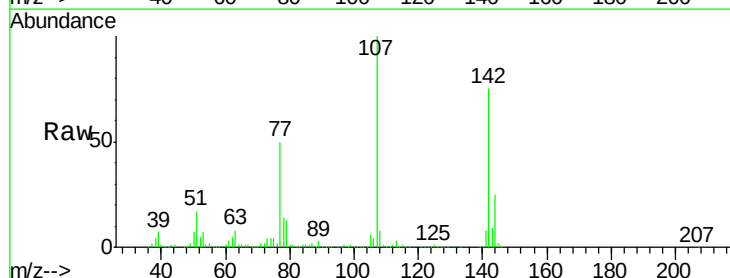
Tgt Ion:107 Resp: 1451749

Ion Ratio Lower Upper

107 100

144 24.6 18.2 27.4

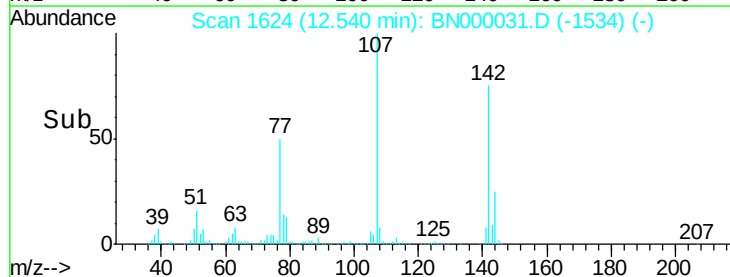
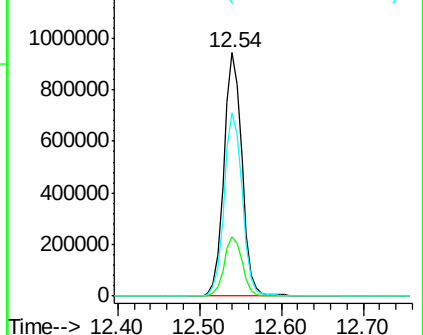
142 75.2 59.0 88.4

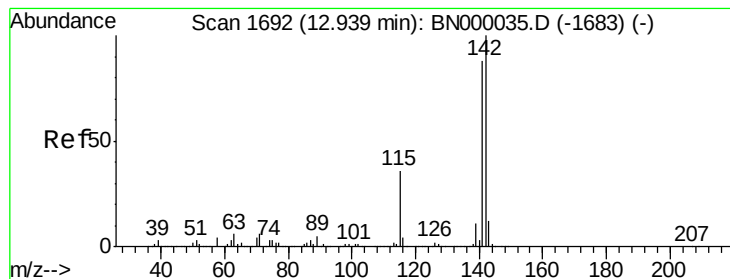


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

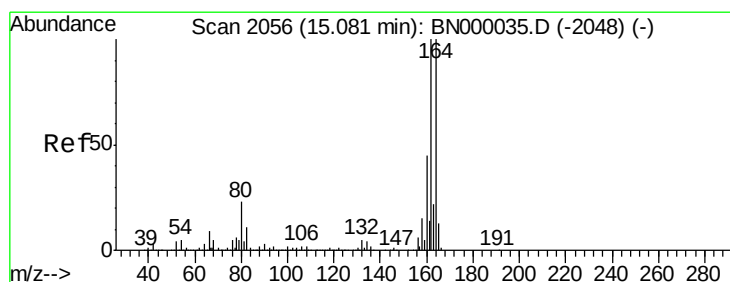
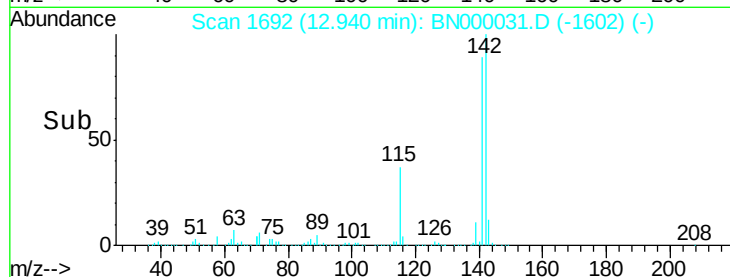
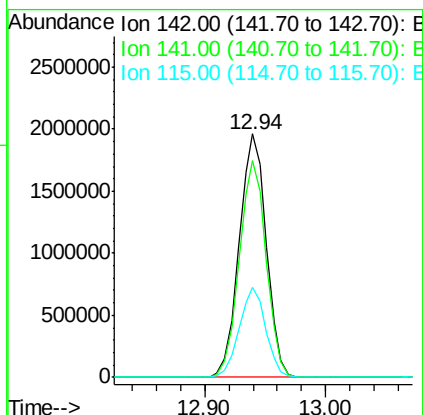
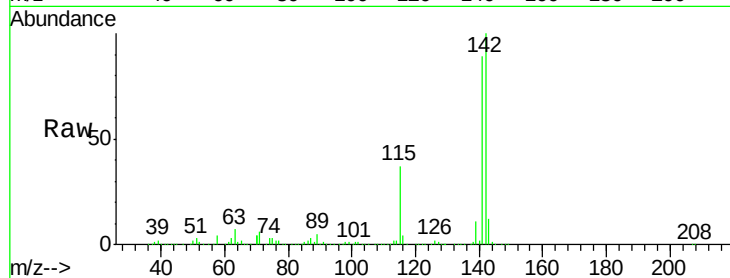




#37
2-Methylnaphthalene
Concen: 37.529 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

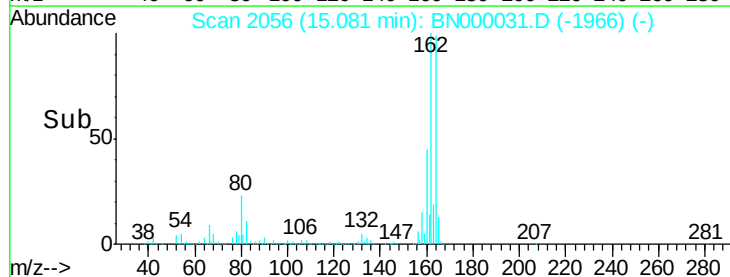
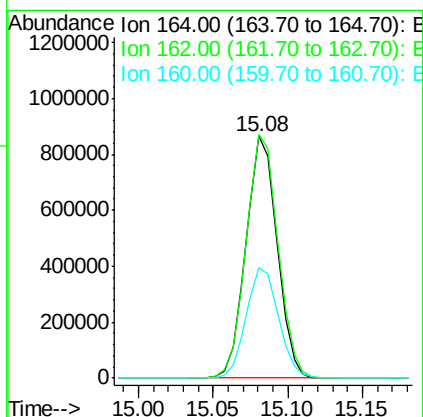
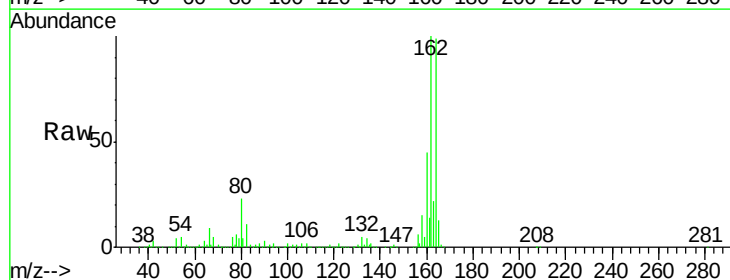
Instrument :
BNA_N
ClientSampled :

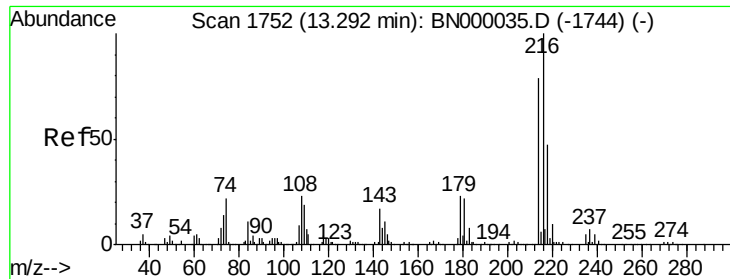
Tot Ion:142 Resp: 3069483
Ion Ratio Lower Upper
142 100
141 88.9 67.1 100.7
115 36.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:164 Resp: 1241438
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 45.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.572 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

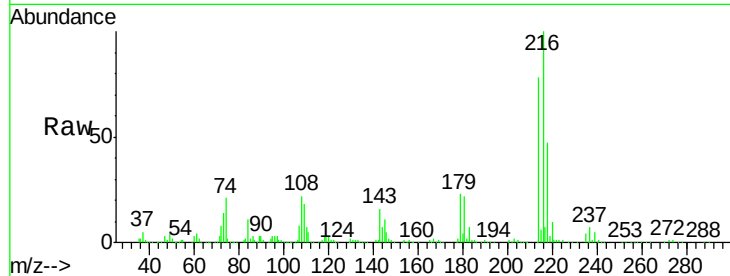
Instrument :

BNA_N

ClientSampled :

Tot Ion:216 Resp: 1394779

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	23.0	17.0	25.6
108	23.8	12.8	19.2

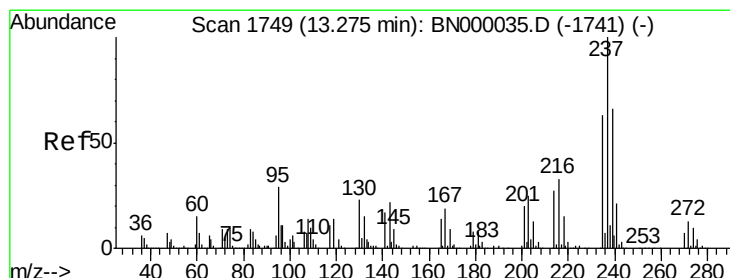
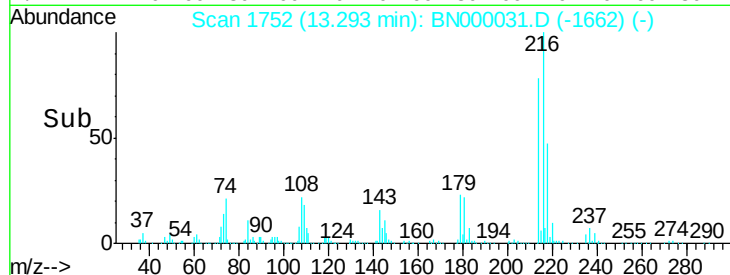
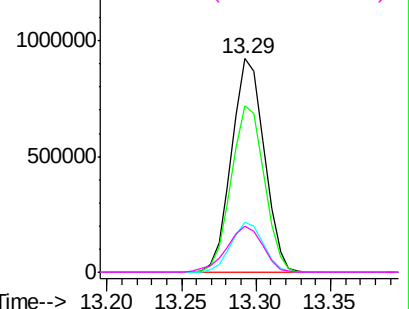


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.554 ng

RT: 13.27 min Scan# 1749

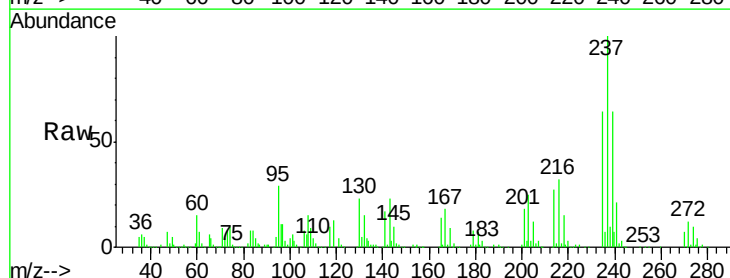
Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Tgt Ion:237 Resp: 574332

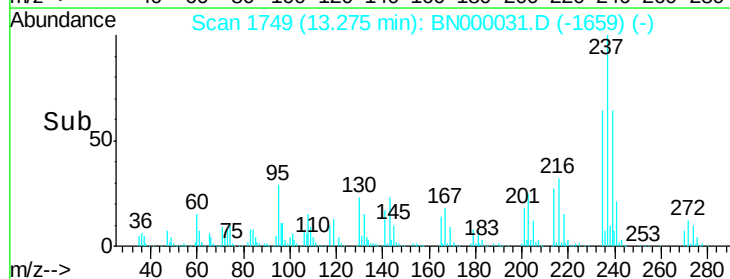
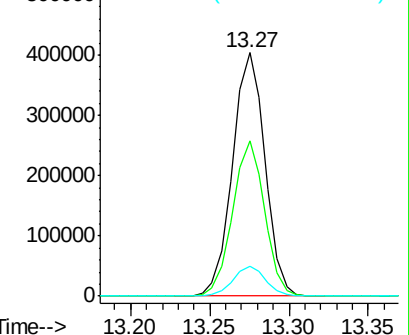
Ion	Ratio	Lower	Upper
237	100		
235	63.7	50.4	90.4
272	12.4	0.0	31.8

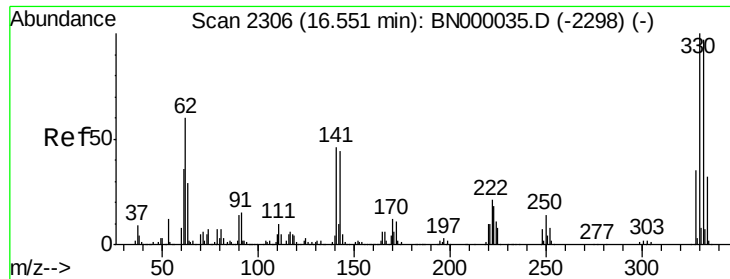


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

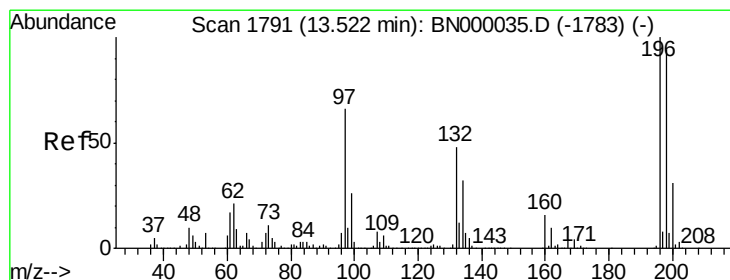
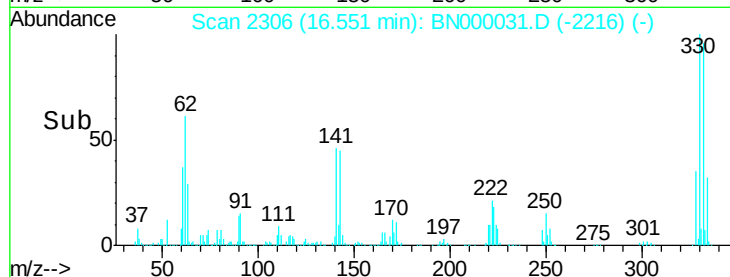
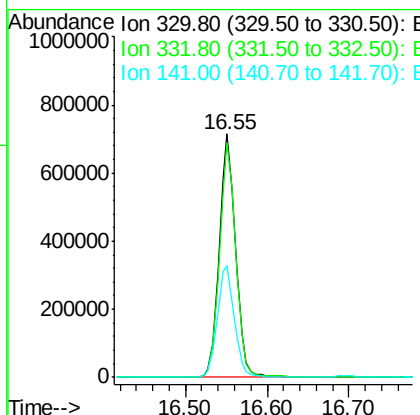
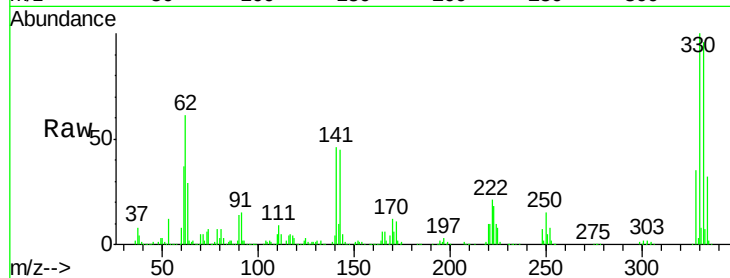




#41
 2,4,6-Tribromophenol
 Concen: 80.064 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

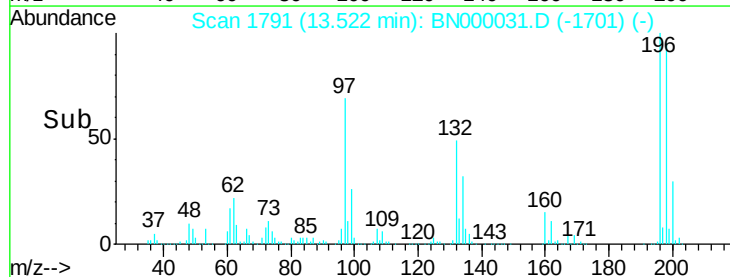
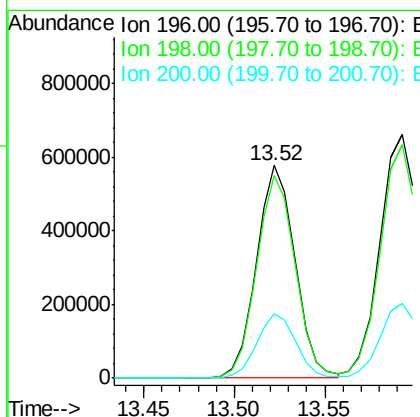
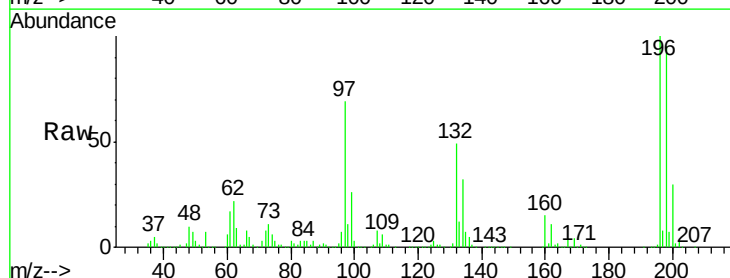
Instrument :
 BNA_N
 ClientSampled :

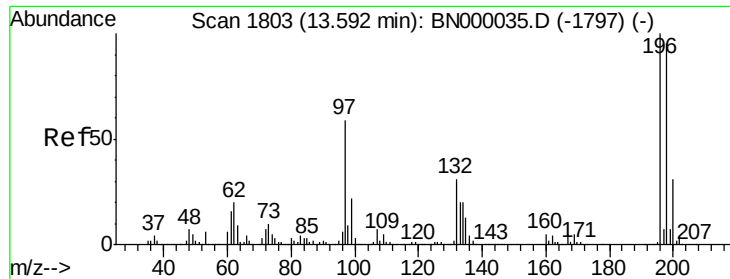
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	47.8	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 39.858 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	30.5	24.6	36.8

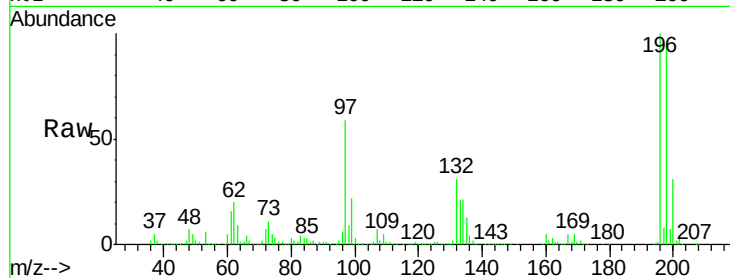




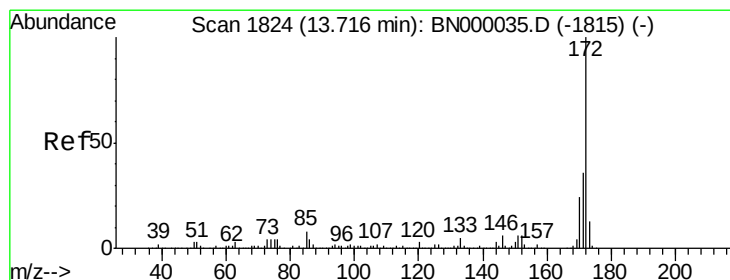
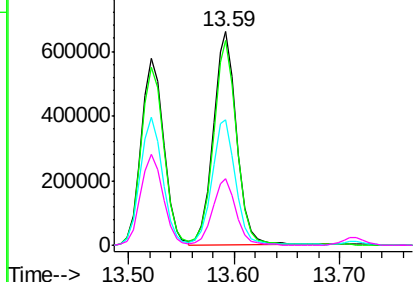
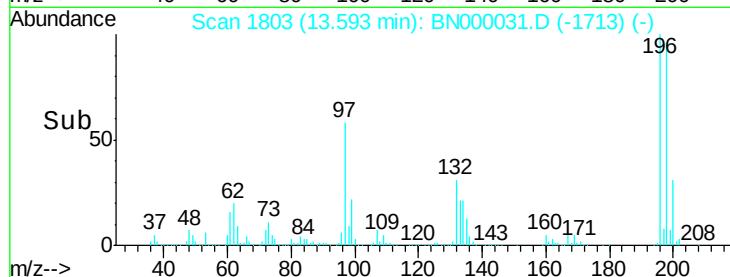
#43
2,4,5-Trichlorophenol
Concen: 40.473 ng
RT: 13.59 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:196 Resp: 1018704
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.4
97 58.6 38.7 58.1#
132 31.3 20.2 30.2#

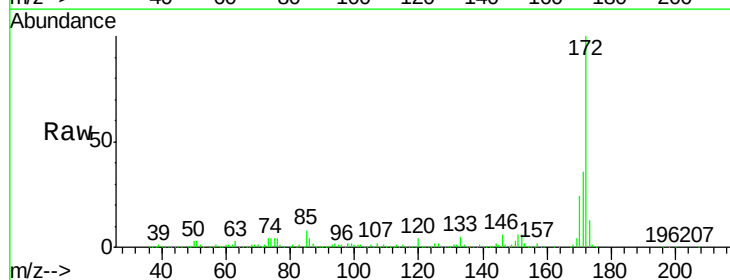


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

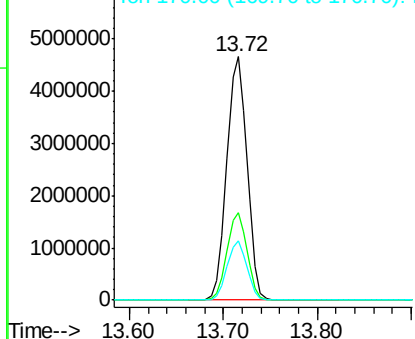
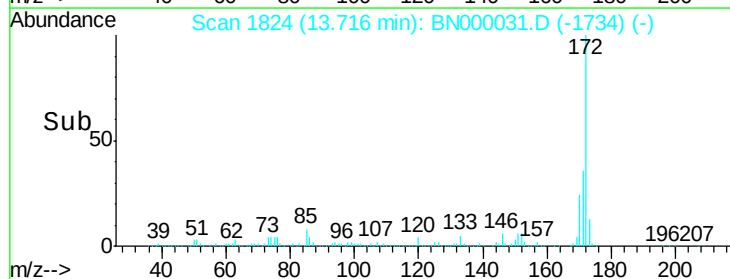


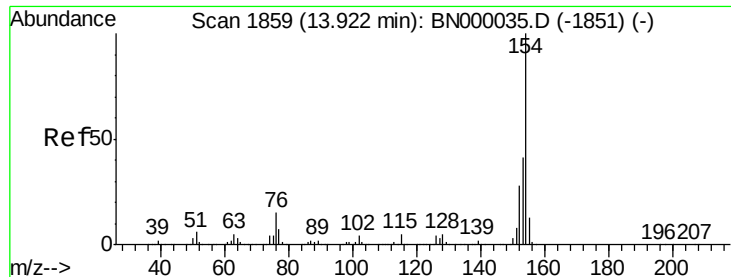
#44
2-Fluorobiphenyl
Concen: 75.005 ng
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:172 Resp: 6952552
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 24.2 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 37.804 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

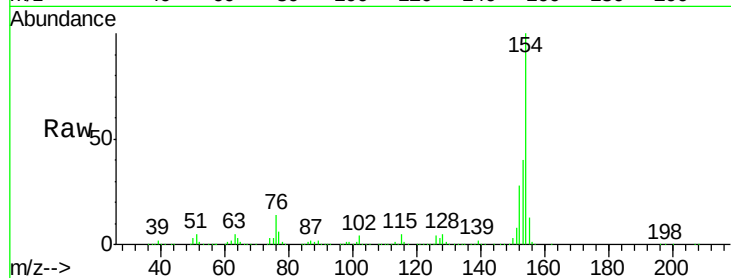
Tot Ion:154 Resp: 4193282

Ion Ratio Lower Upper

154 100

153 39.7 19.8 59.8

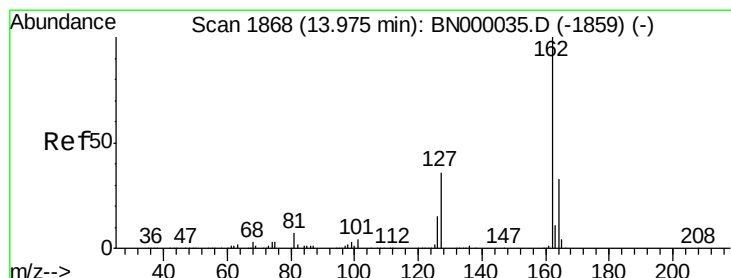
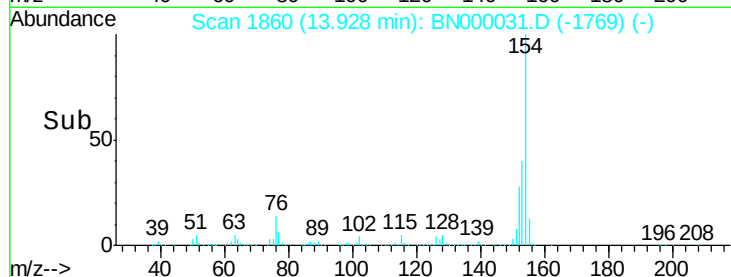
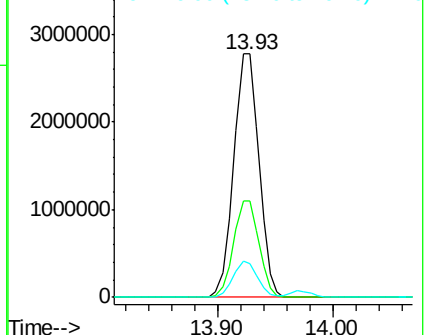
76 14.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 37.880 ng

RT: 13.97 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

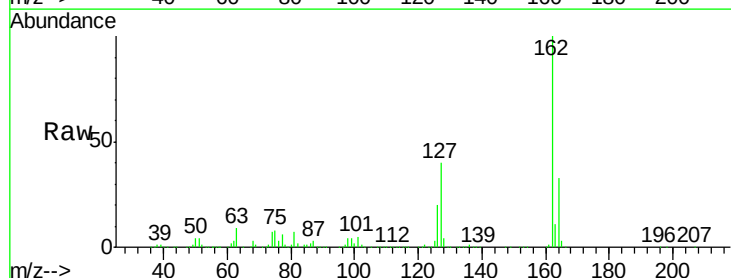
Tgt Ion:162 Resp: 3154346

Ion Ratio Lower Upper

162 100

127 40.4 30.7 46.1

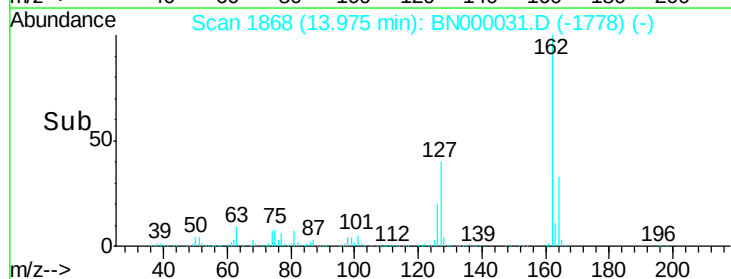
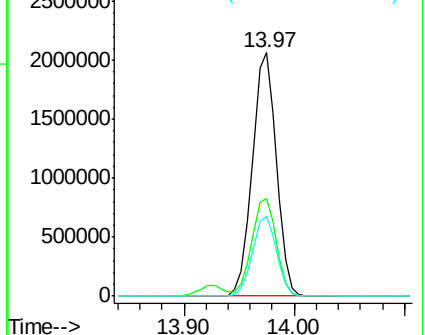
164 32.6 26.0 39.0

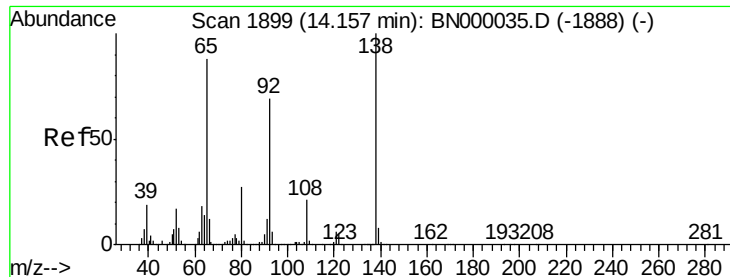


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

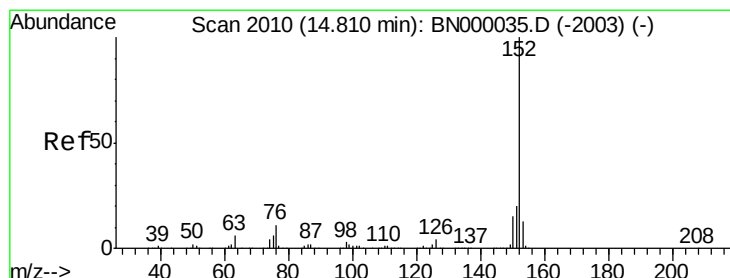
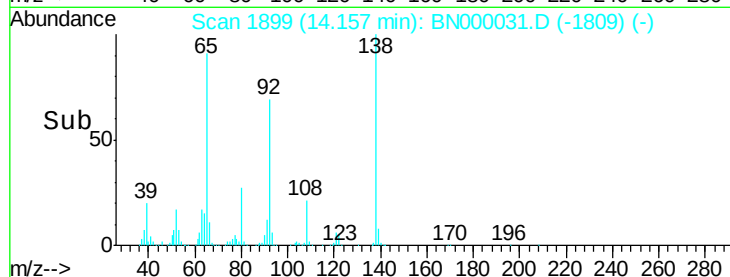
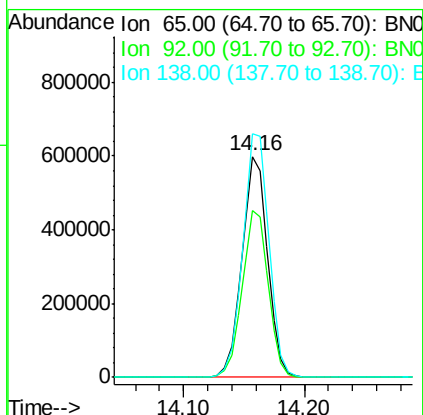
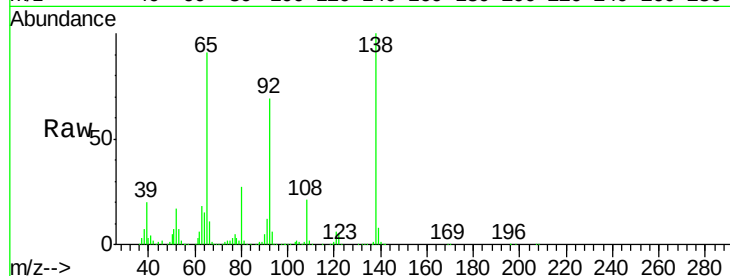




#47
2-Nitroaniline
Concen: 45.233 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

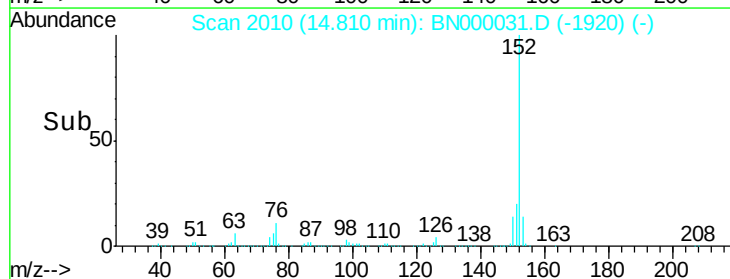
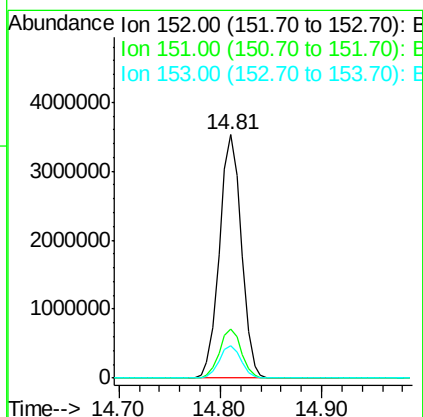
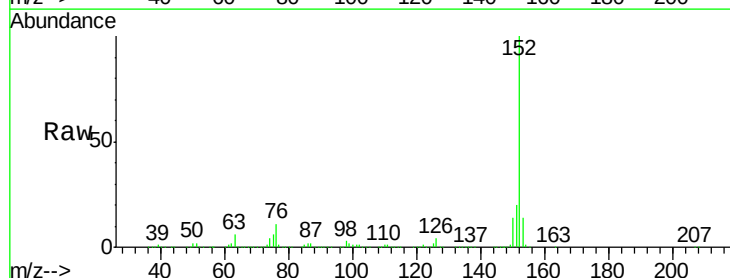
Instrument :
BNA_N
ClientSampleId :

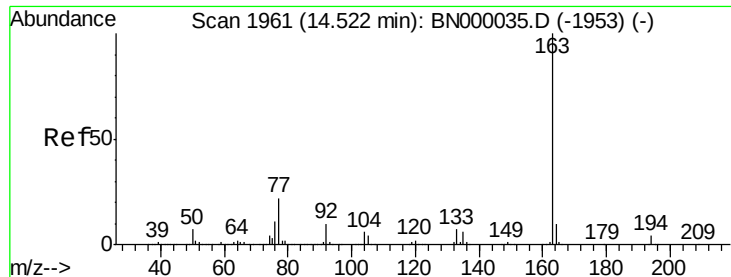
Tot Ion: 65 Resp: 889588
Ion Ratio Lower Upper
65 100
92 75.7 54.6 82.0
138 110.4 72.9 109.3#



#48
Acenaphthylene
Concen: 37.729 ng
RT: 14.81 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 152 Resp: 5275712
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 37.150 ng

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

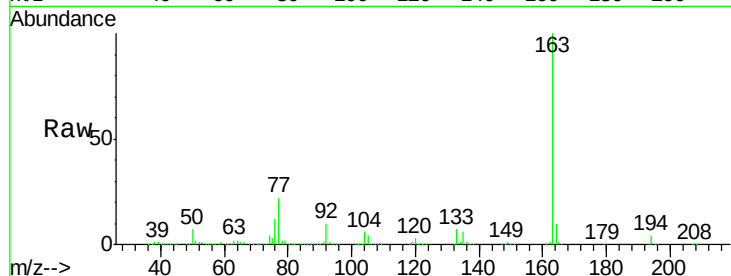
Tot Ion:163 Resp: 4121890

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

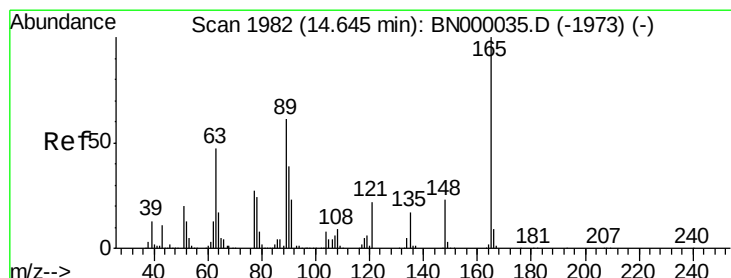
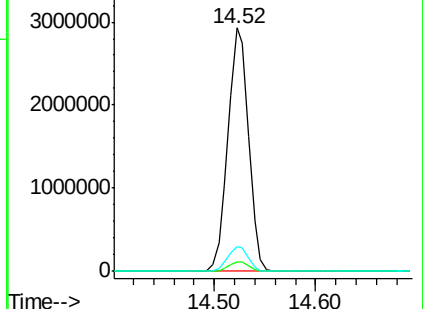
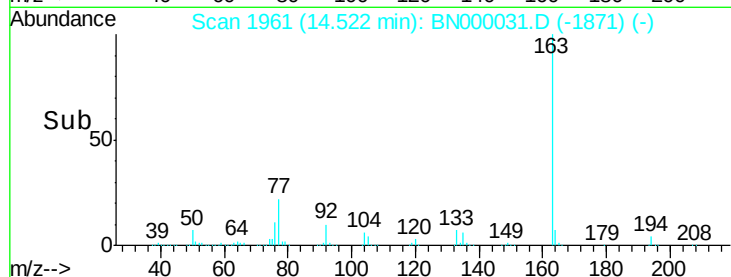
164 10.3 8.2 12.4



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: 42.846 ng

RT: 14.65 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

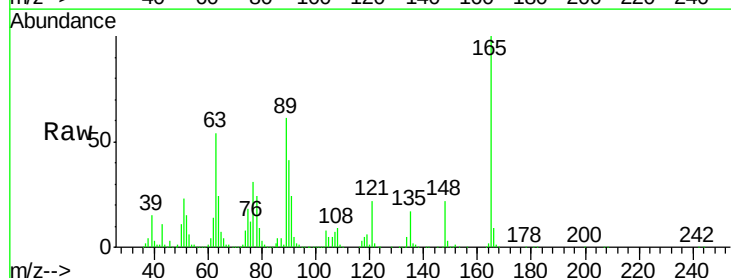
Tgt Ion:165 Resp: 848251

Ion Ratio Lower Upper

165 100

63 53.9 52.7 79.1

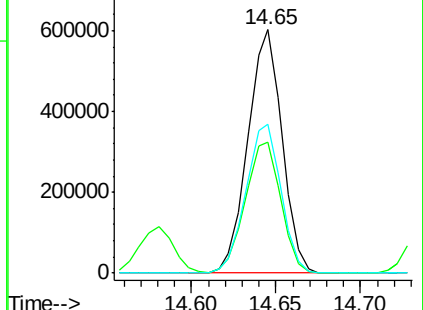
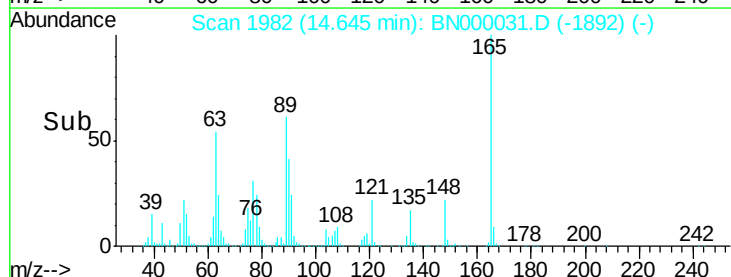
89 61.1 49.2 73.8

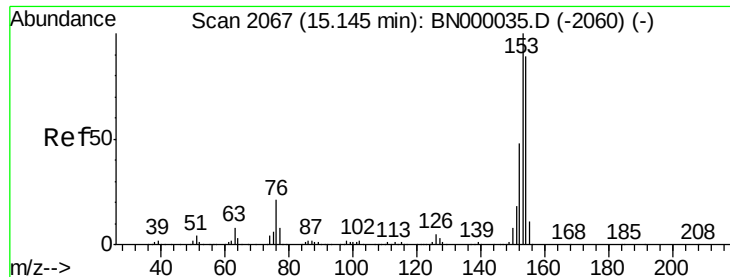


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 37.699 ng

RT: 15.15 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

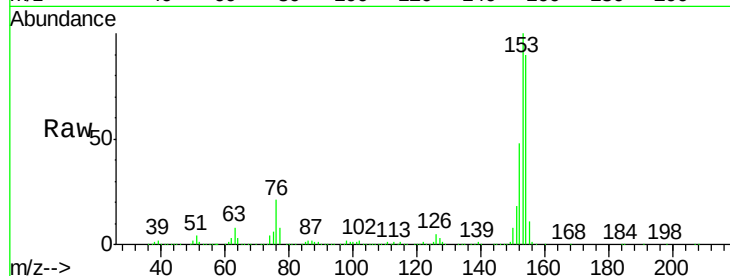
Tot Ion:154 Resp: 3326428

Ion Ratio Lower Upper

154 100

153 110.9 90.4 135.6

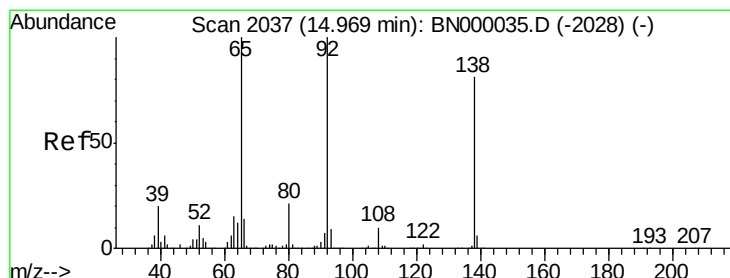
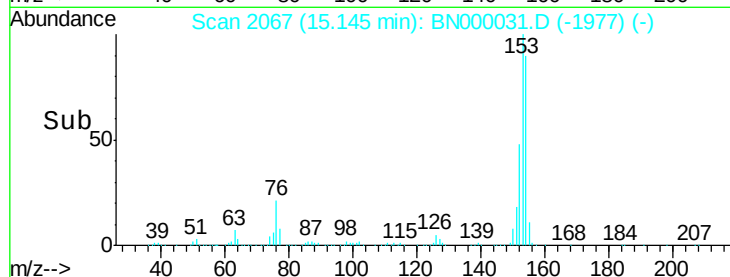
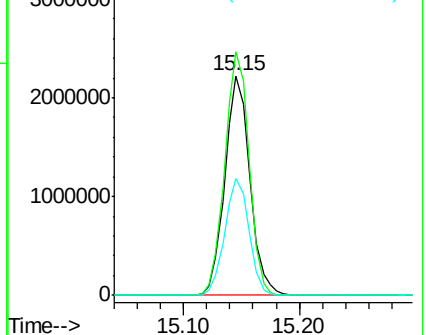
152 53.4 41.6 62.4



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: 42.400 ng

RT: 14.97 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

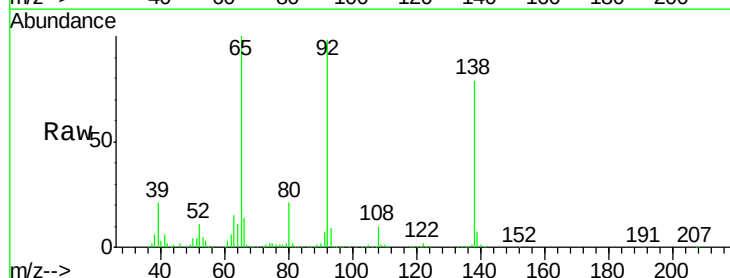
Tgt Ion:138 Resp: 1029029

Ion Ratio Lower Upper

138 100

108 12.0 17.5 26.3#

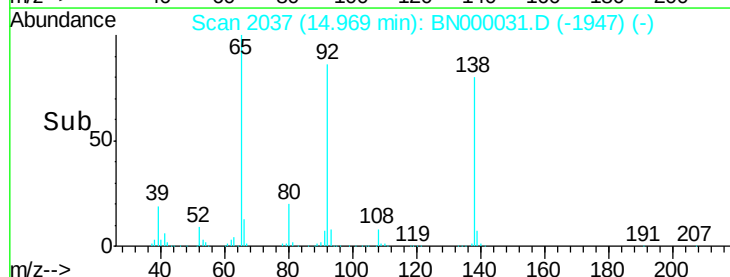
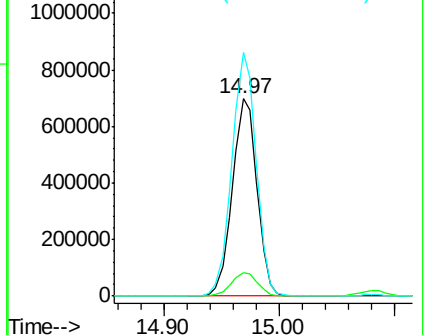
92 123.6 105.8 158.8

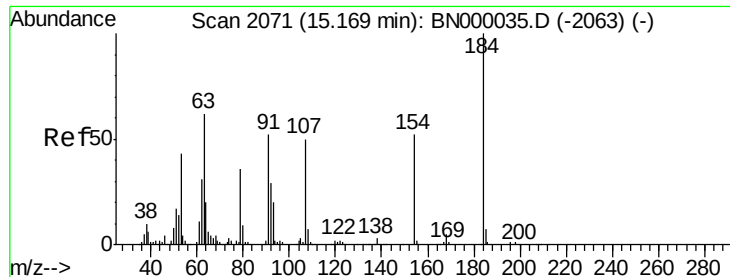


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#53

2,4-Dinitrophenol

Concen: 51.529 ng

RT: 15.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

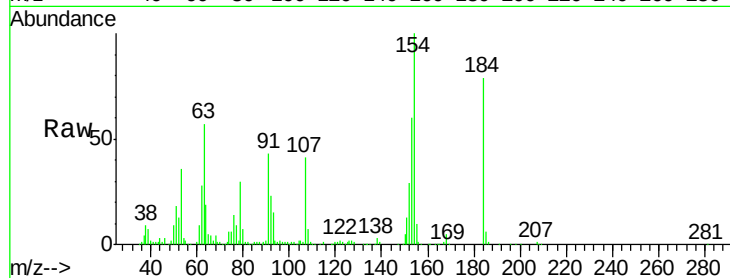
Tot Ion:184 Resp: 234575

Ion Ratio Lower Upper

184 100

63 72.2 80.0 120.0#

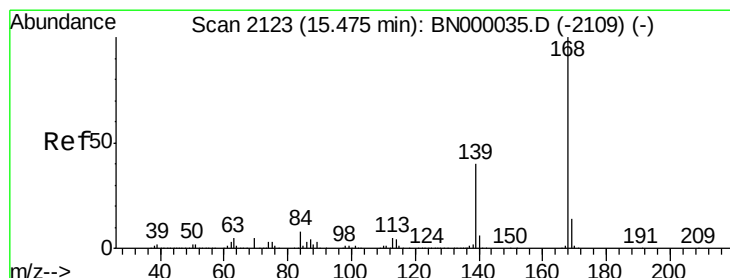
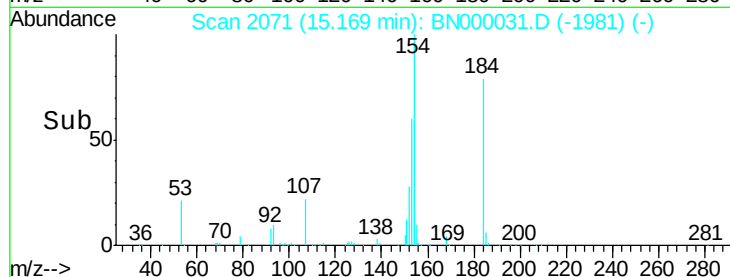
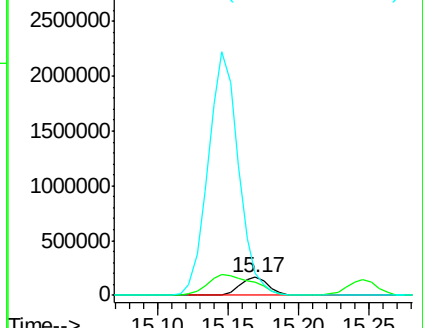
154 126.7 308.0 462.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.345 ng

RT: 15.47 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

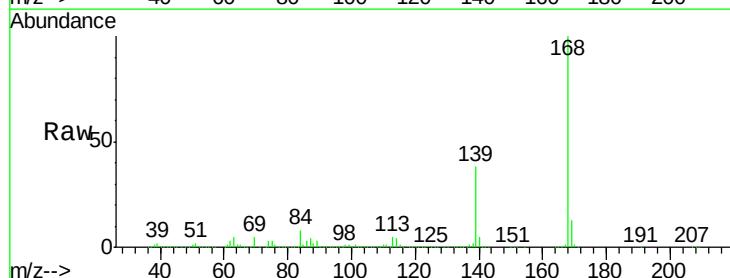
Tgt Ion:168 Resp: 4728690

Ion Ratio Lower Upper

168 100

139 38.4 28.6 43.0

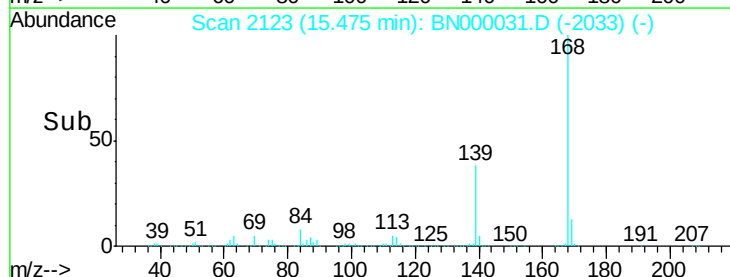
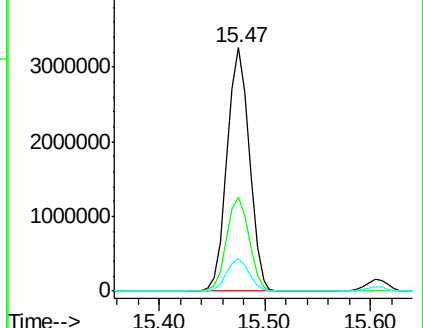
169 13.2 11.2 16.8

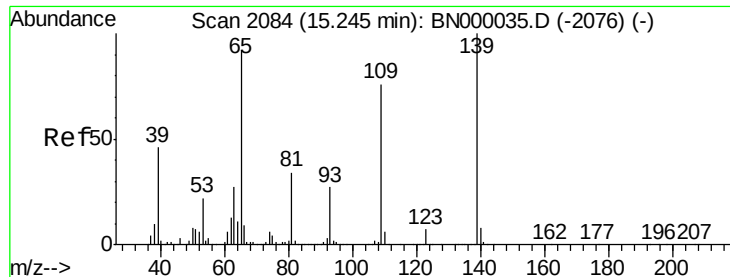


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

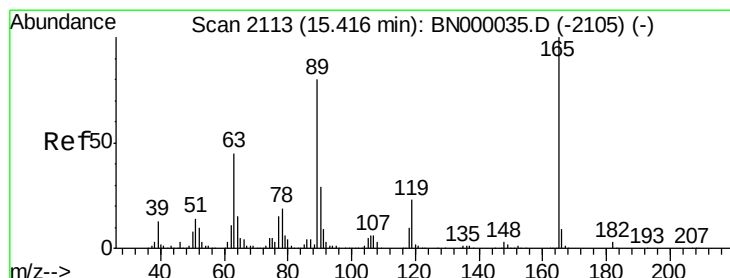
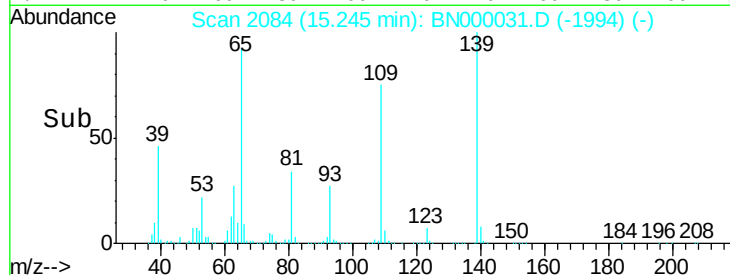
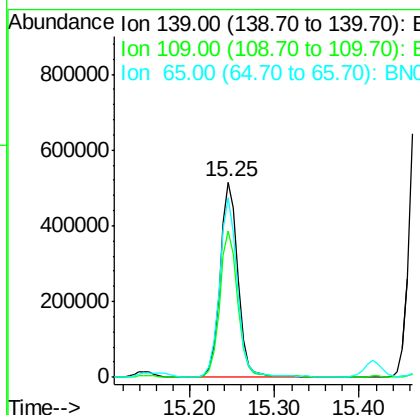
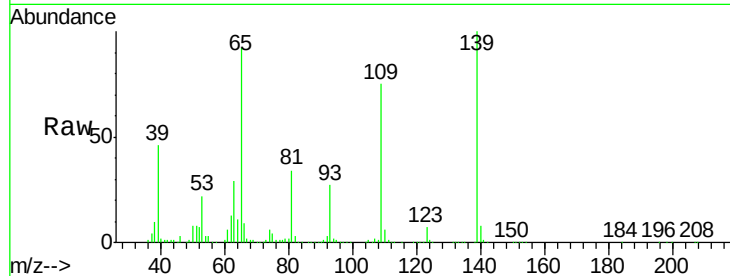




#55
4-Nitrophenol
Concen: 42.328 ng
RT: 15.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

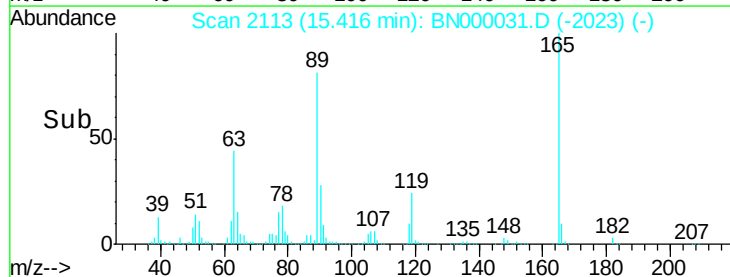
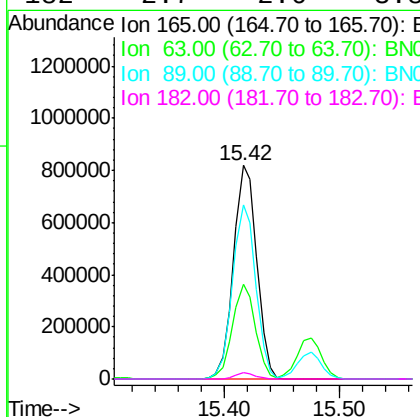
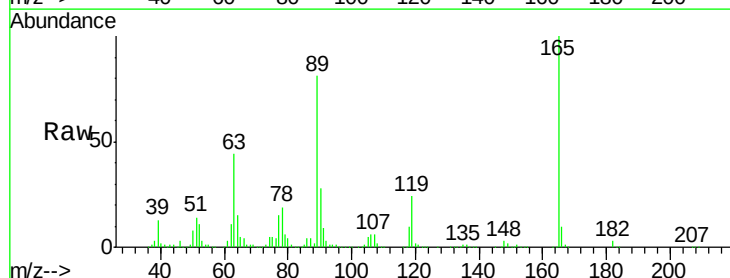
Instrument :
BNA_N
ClientSampleId :

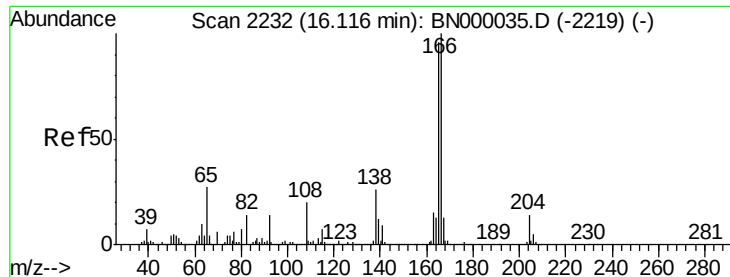
Tot Ion:139 Resp: 762132
Ion Ratio Lower Upper
139 100
109 74.6 62.2 102.2
65 91.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 44.335 ng
RT: 15.42 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:165 Resp: 1144922
Ion Ratio Lower Upper
165 100
63 44.5 42.0 63.0
89 81.5 66.9 100.3
182 2.7 2.6 3.8

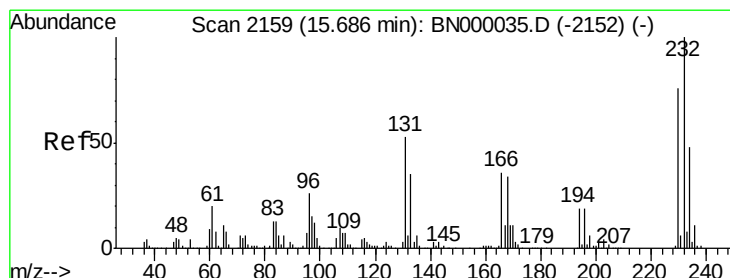
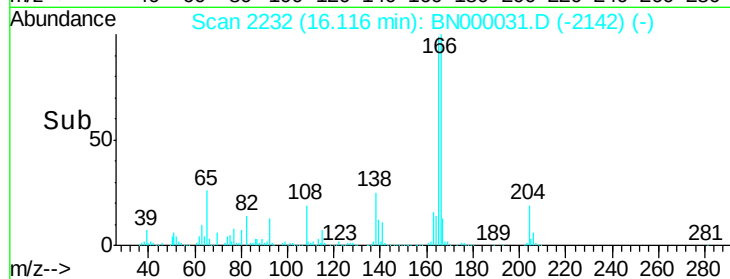
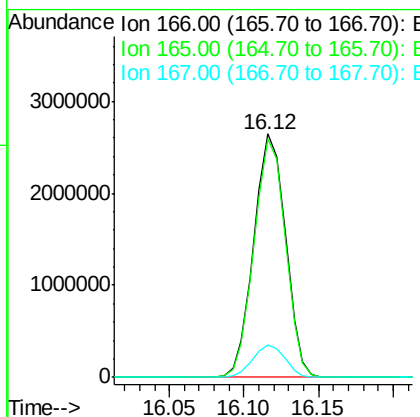
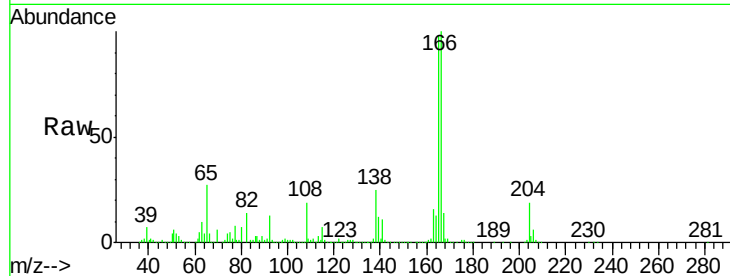




#57
 Fluorene
 Concen: 36.484 ng
 RT: 16.12 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

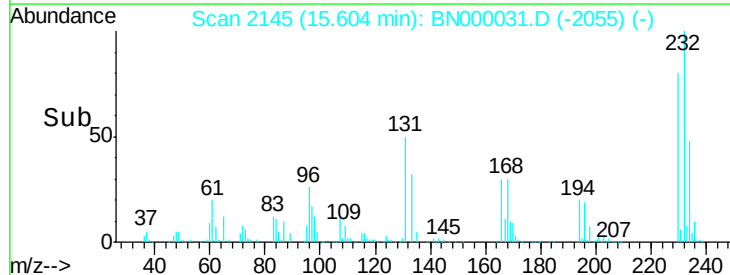
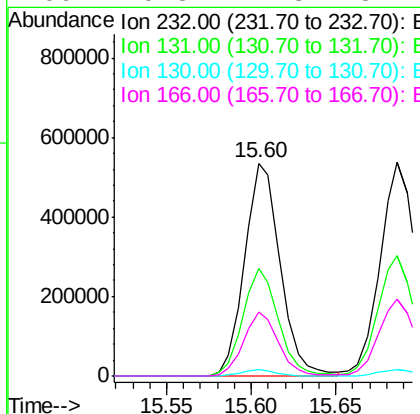
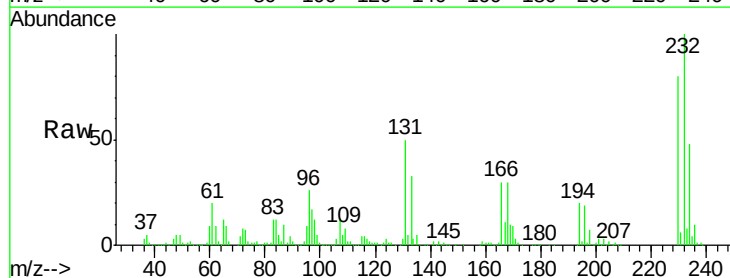
Instrument :
 BNA_N
 ClientSampleId :

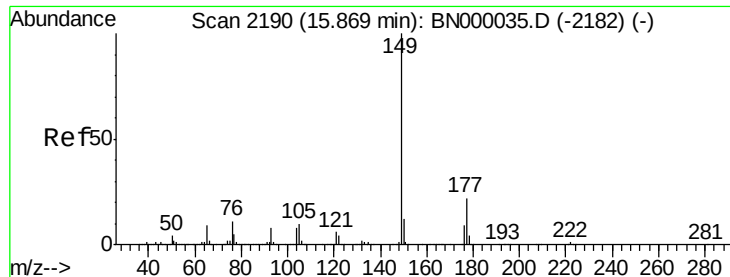
Tot Ion:166 Resp: 3889825
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.6 121.0
 167 13.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.384 ng
 RT: 15.60 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:232 Resp: 786785
 Ion Ratio Lower Upper
 232 100
 131 50.5 33.5 50.3#
 130 2.9 2.2 3.2
 166 29.3 24.8 37.2

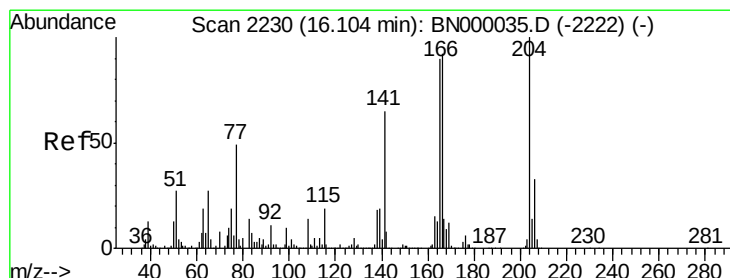
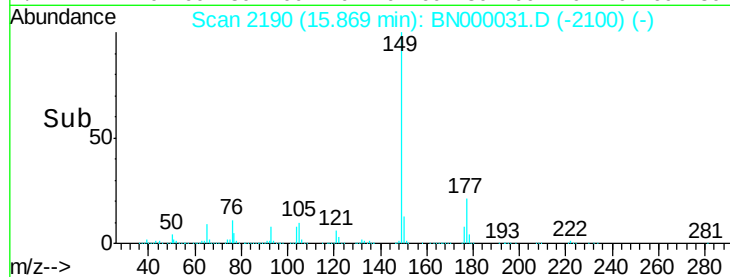
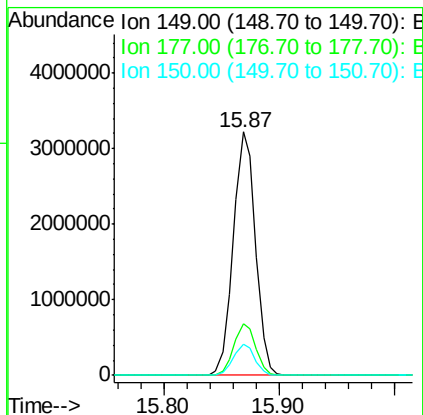
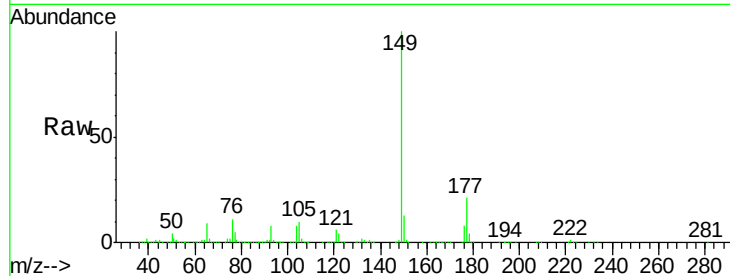




#59
Diethylphthalate
Concen: 36.872 ng
RT: 15.87 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

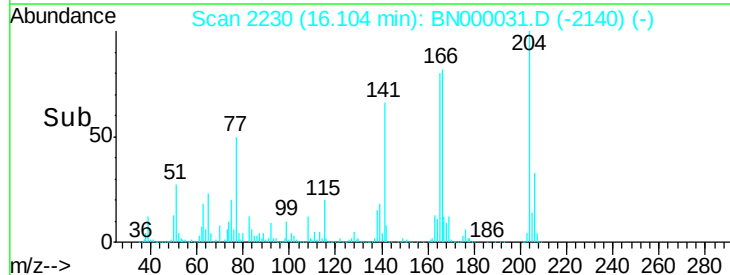
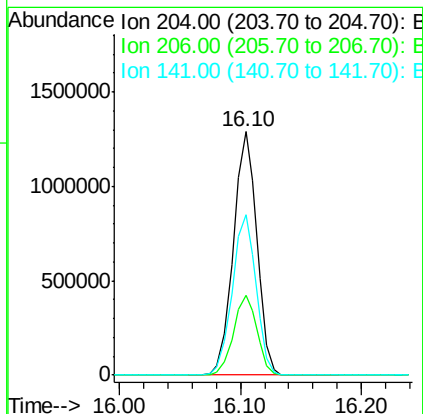
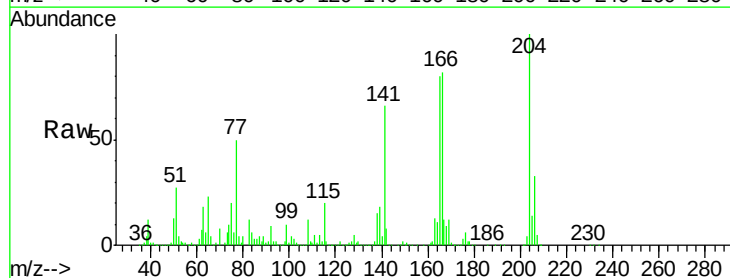
Instrument :
BNA_N
ClientSampled :

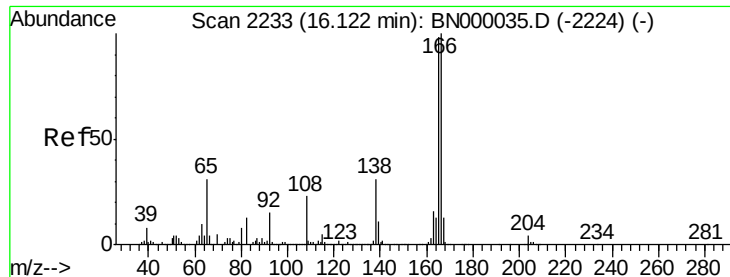
Tot Ion:149 Resp: 4274481
Ion Ratio Lower Upper
149 100
177 21.0 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.087 ng
RT: 16.10 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:204 Resp: 1747617
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 66.0 45.8 68.6

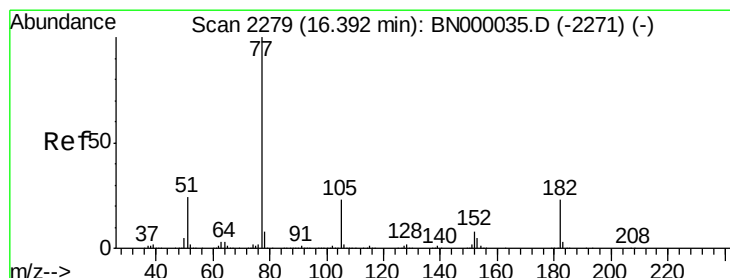
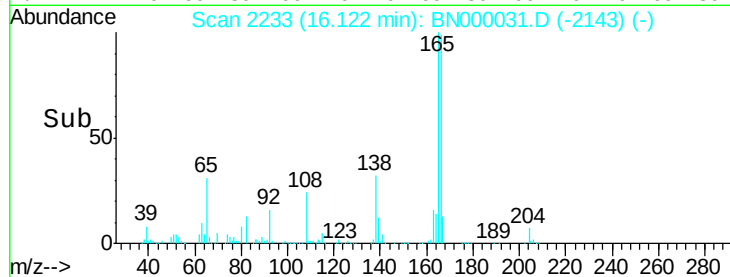
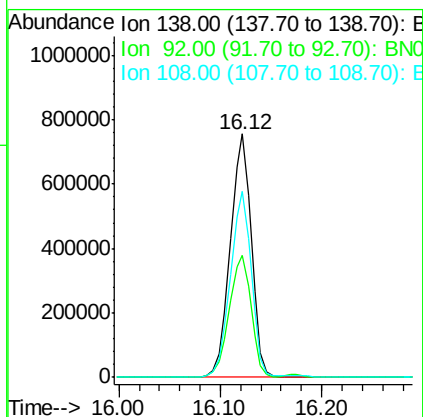
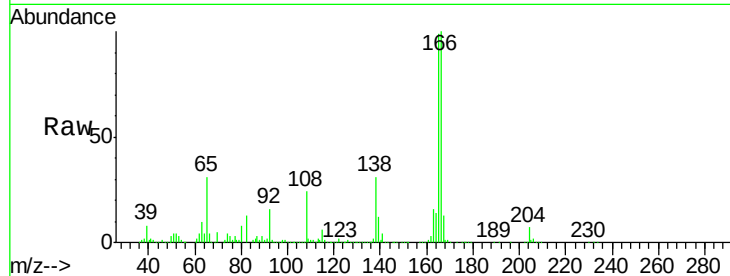




#61
4-Nitroaniline
Concen: 42.060 ng
RT: 16.12 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

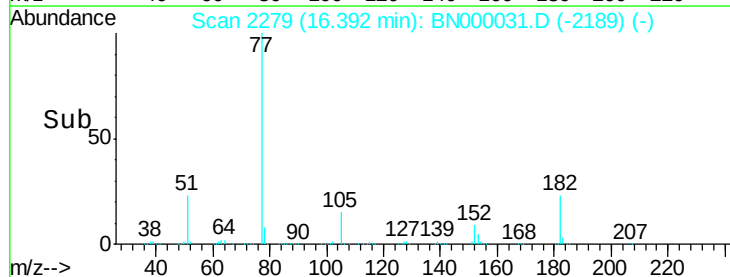
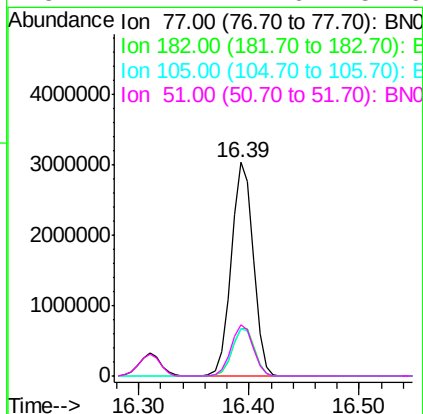
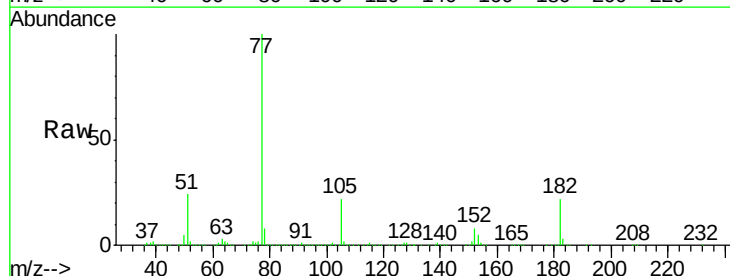
Instrument :
BNA_N
ClientSampled :

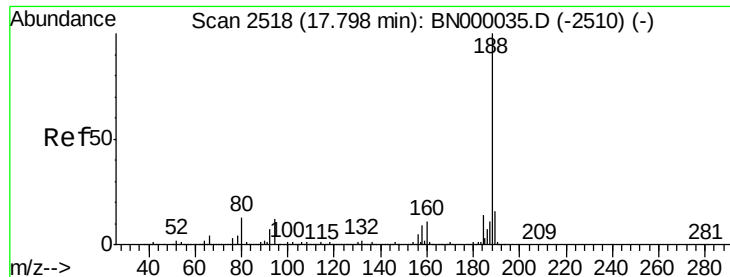
Tot Ion:138 Resp: 1087973
Ion Ratio Lower Upper
138 100
92 50.4 40.1 80.1
108 76.5 65.4 105.4



#62
Azobenzene
Concen: 36.657 ng
RT: 16.39 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion: 77 Resp: 4246552
Ion Ratio Lower Upper
77 100
182 22.2 7.4 47.4
105 22.3 0.3 40.3
51 24.1 11.6 51.6

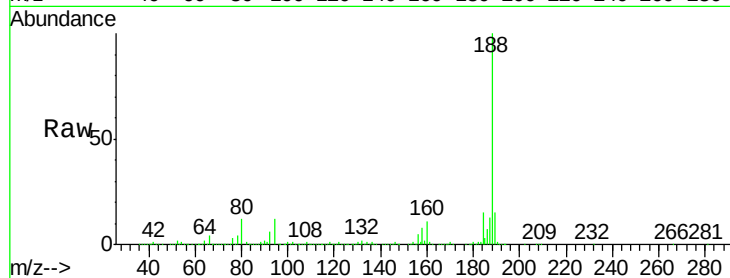




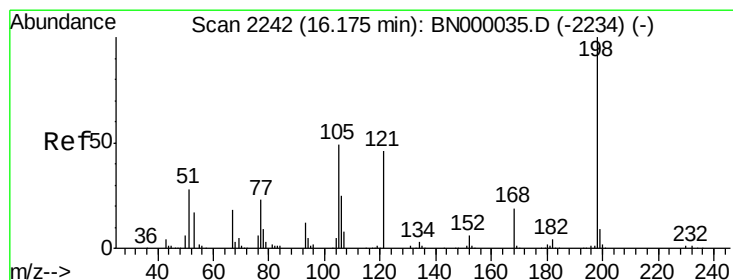
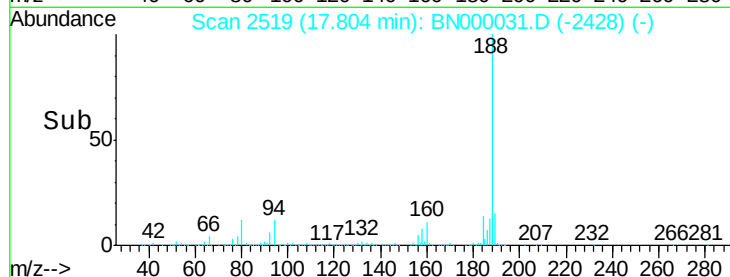
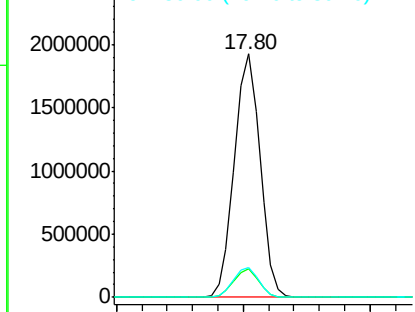
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampled :

Tot Ion:188 Resp: 2701669
Ion Ratio Lower Upper
188 100
94 11.8 6.9 10.3#
80 12.1 7.7 11.5#

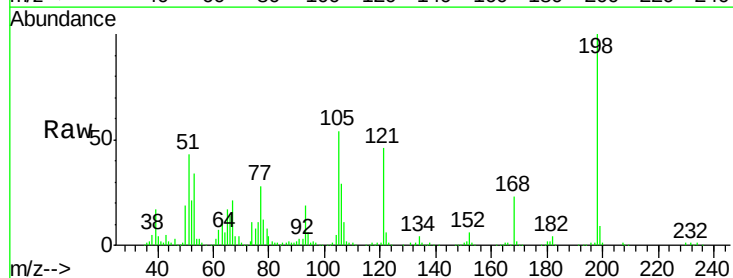


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

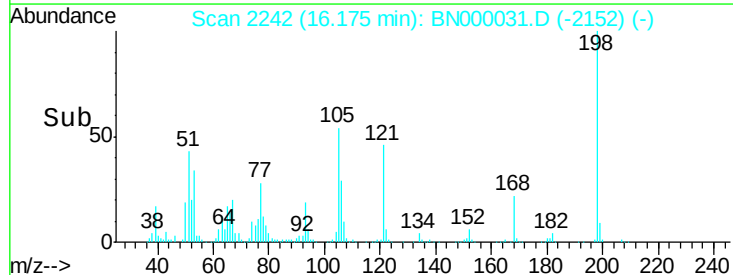
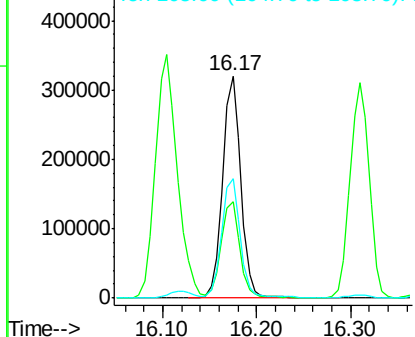


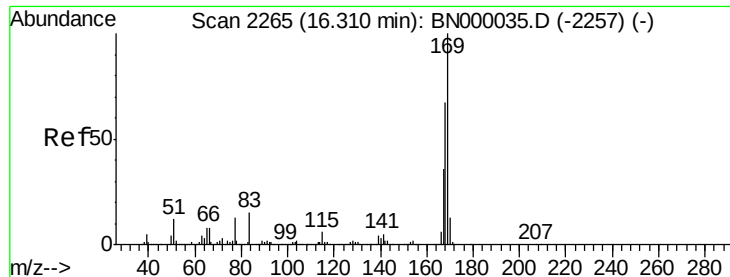
#64
4,6-Dinitro-2-methylphenol
Concen: 51.858 ng
RT: 16.17 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:198 Resp: 432495
Ion Ratio Lower Upper
198 100
51 43.3 30.6 70.6
105 54.0 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

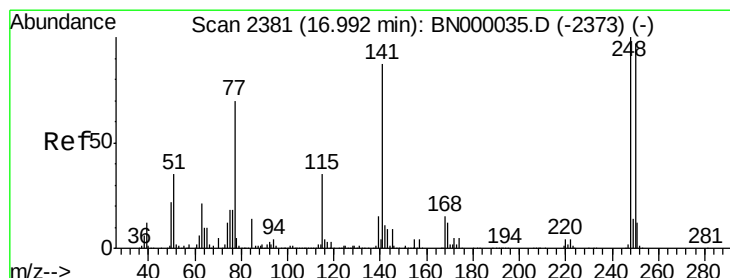
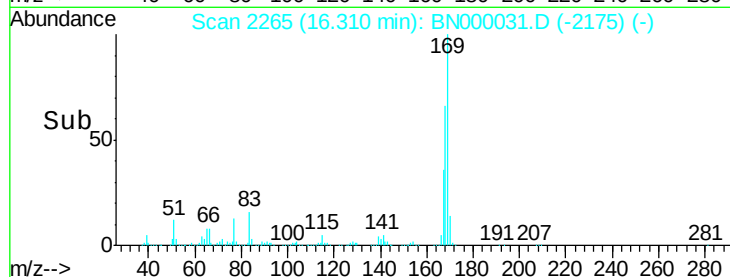
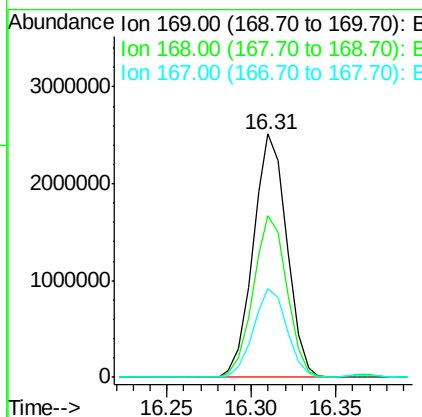
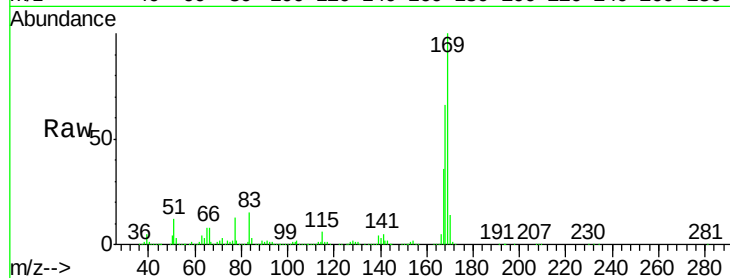




#65
n-Nitrosodiphenylamine
Concen: 39.249 ng
RT: 16.31 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

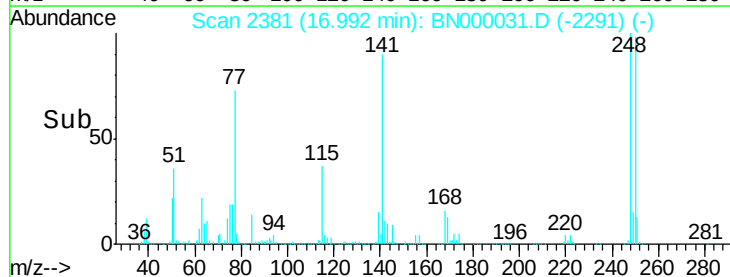
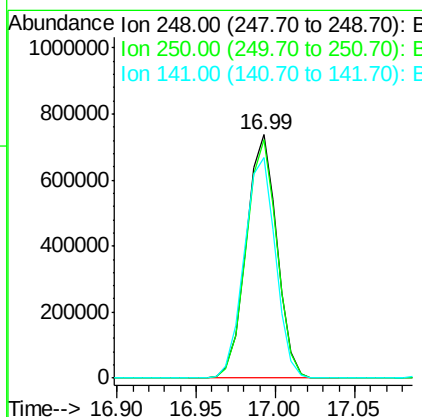
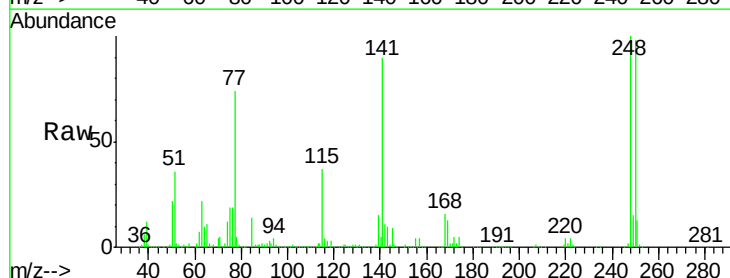
Instrument :
BNA_N
ClientSampleId :

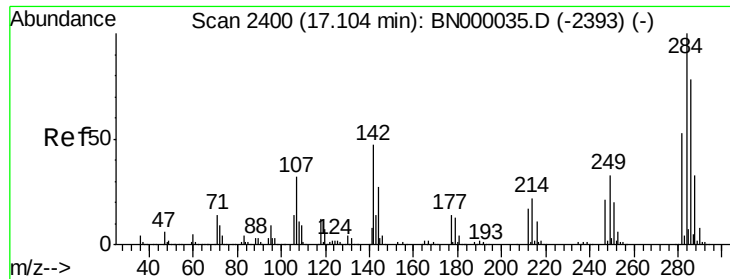
Tot Ion:169 Resp: 3465109
Ion Ratio Lower Upper
169 100
168 66.4 55.7 83.5
167 36.2 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 39.149 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:248 Resp: 989716
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 90.4 50.8 76.2#

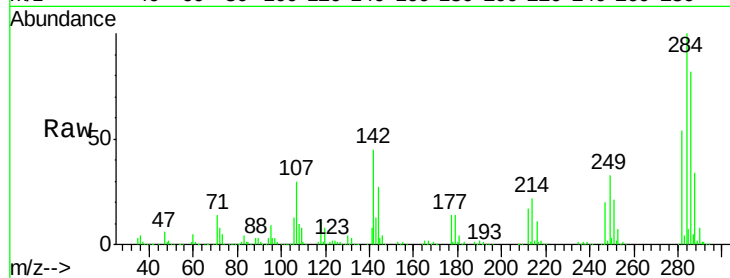




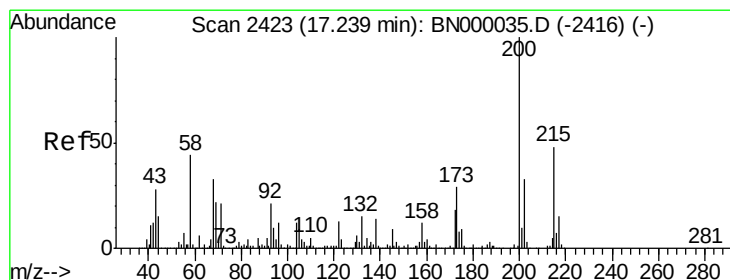
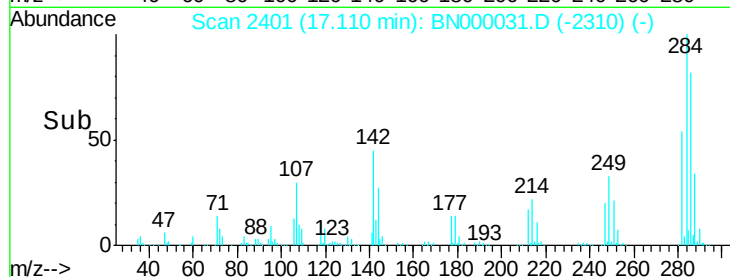
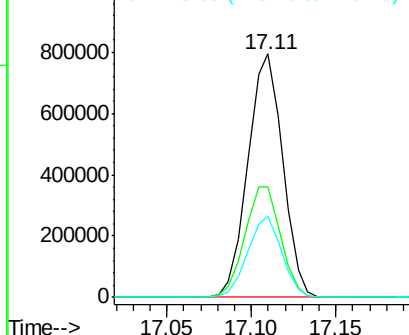
#67
Hexachlorobenzene
Concen: 39.081 ng
RT: 17.11 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 1138253
Ion Ratio Lower Upper
284 100
142 45.2 26.8 40.2#
249 33.1 26.3 39.5

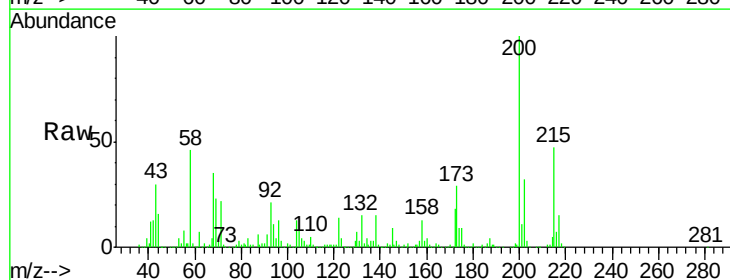


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

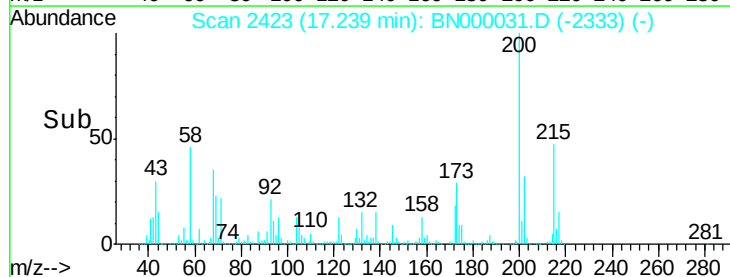
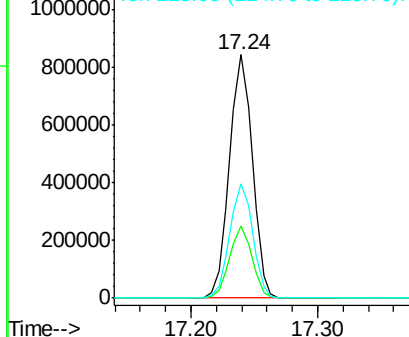


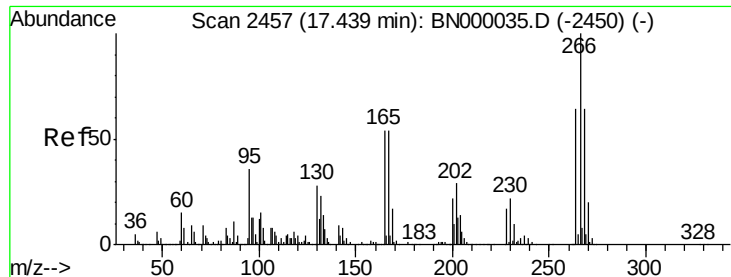
#68
Atrazine
Concen: 39.203 ng
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:200 Resp: 1055026
Ion Ratio Lower Upper
200 100
173 29.4 5.2 45.2
215 46.8 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

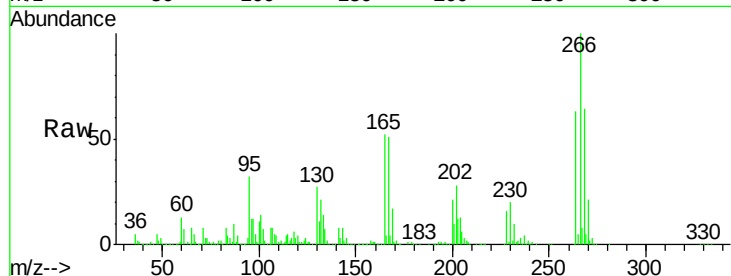




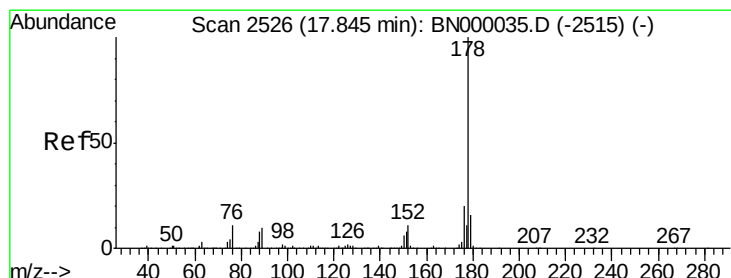
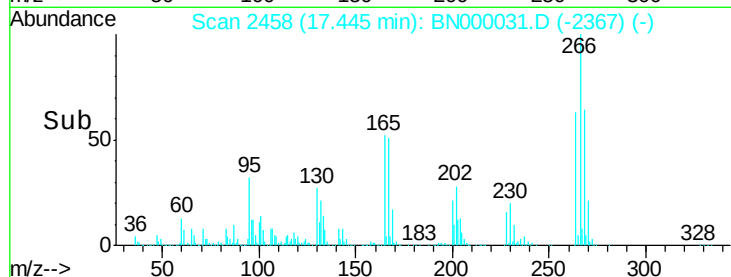
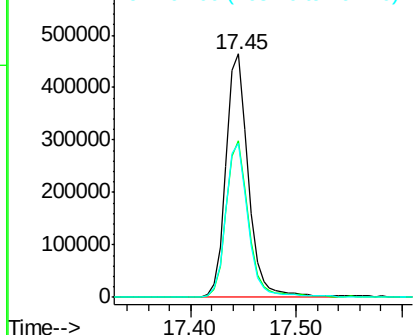
#69
 Pentachlorophenol
 Concen: 39.248 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 684643
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 63.1 49.6 74.4

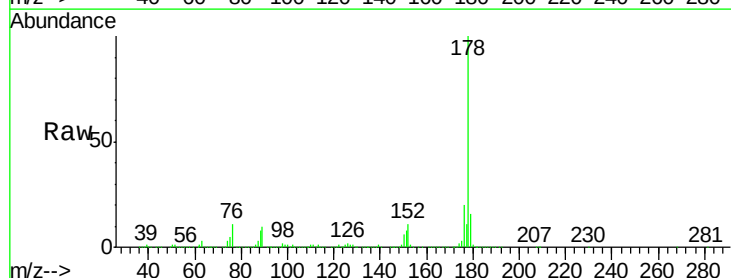


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

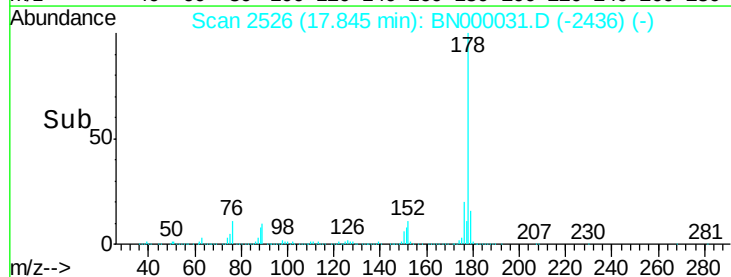
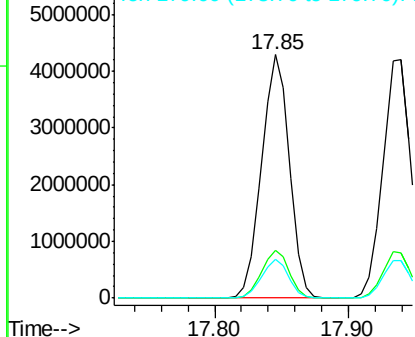


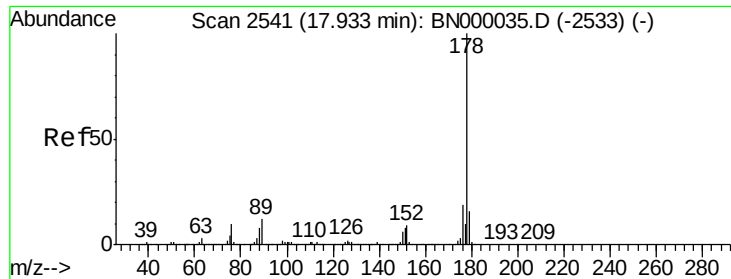
#70
 Phenanthrene
 Concen: 37.887 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:178 Resp: 6158929
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.8 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: 38.138 ng

RT: 17.94 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampled :

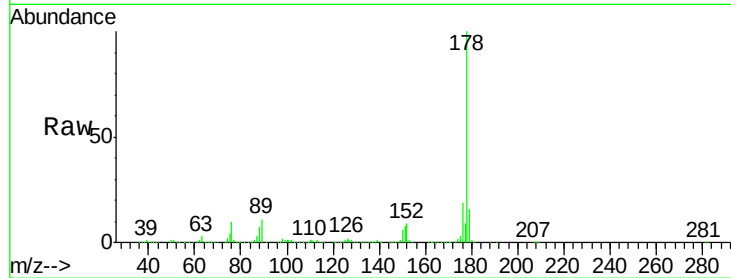
Tot Ion:178 Resp: 6141705

Ion Ratio Lower Upper

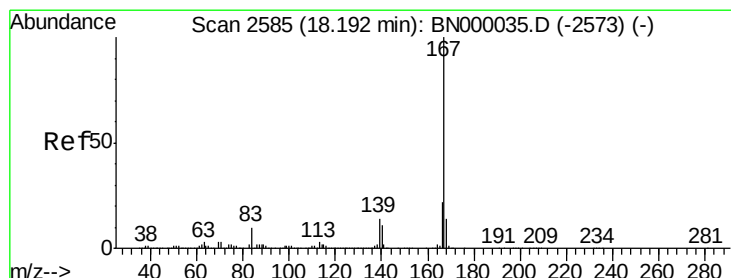
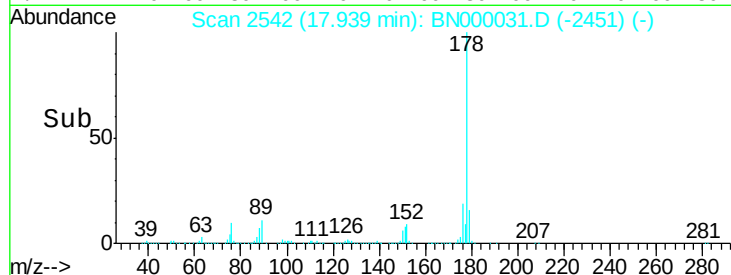
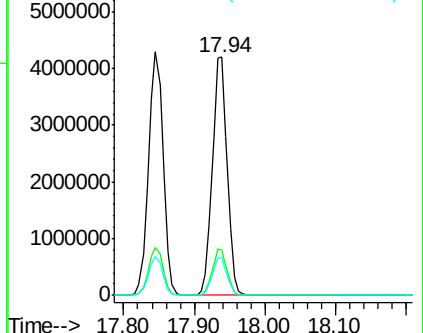
178 100

176 19.2 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: 37.314 ng

RT: 18.19 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

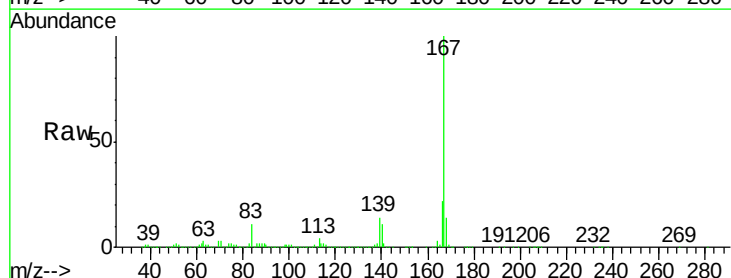
Tgt Ion:167 Resp: 6217001

Ion Ratio Lower Upper

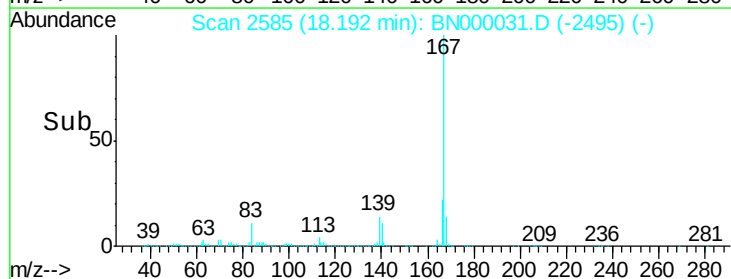
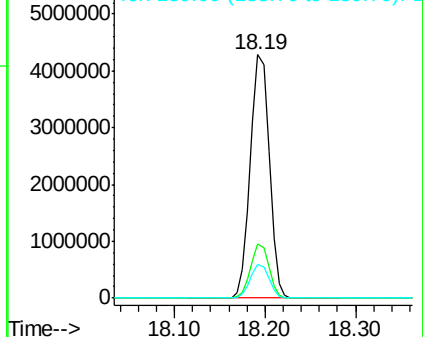
167 100

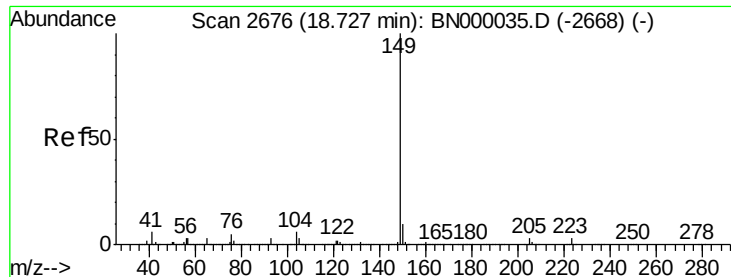
166 22.1 18.2 27.4

139 13.9 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: 38.444 ng

RT: 18.73 min Scan# 2677

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

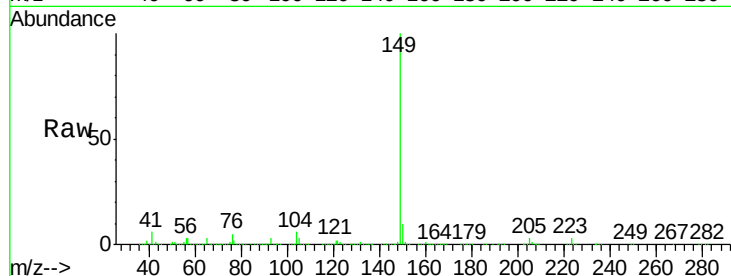
Tot Ion:149 Resp: 7113288

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

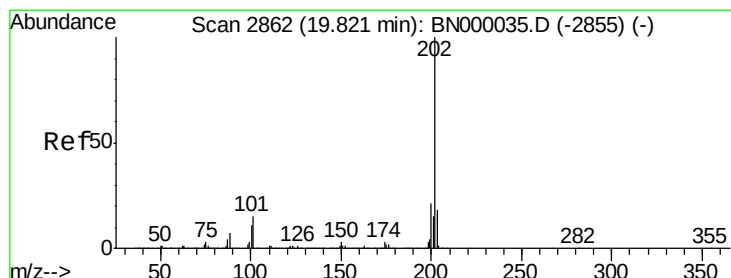
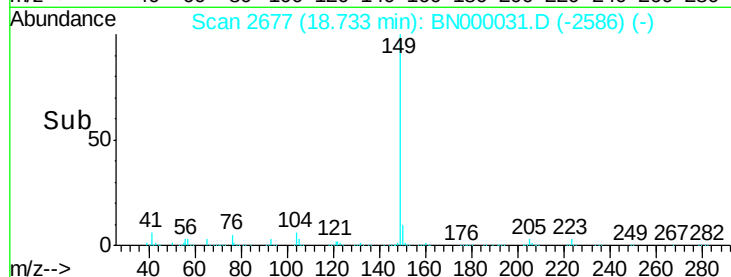
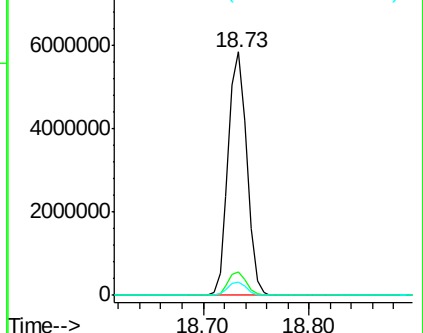
104 5.7 3.9 5.9



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: 36.526 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

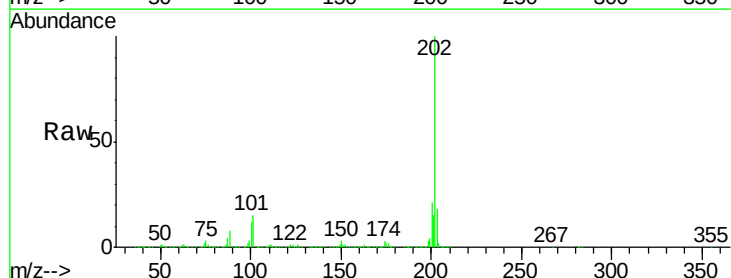
Tgt Ion:202 Resp: 6742011

Ion Ratio Lower Upper

202 100

101 15.4 0.0 28.9

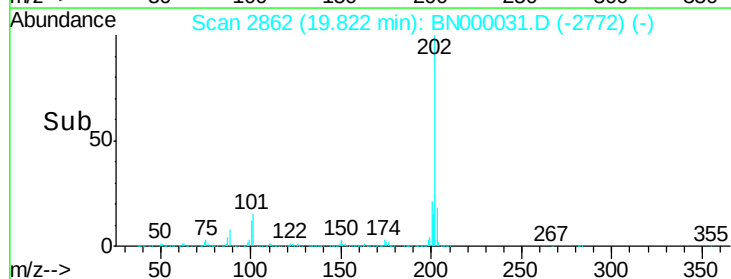
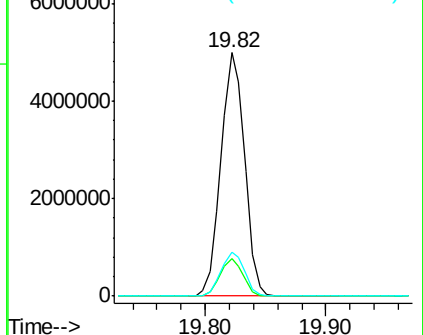
203 18.1 0.0 37.5

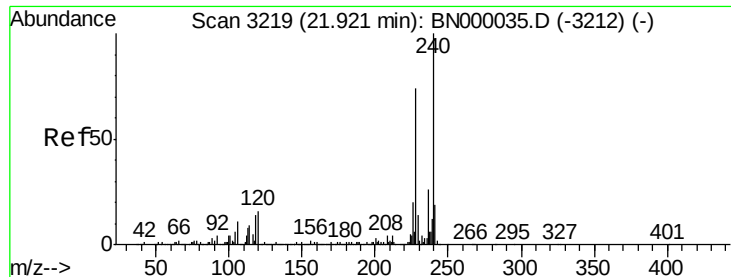


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

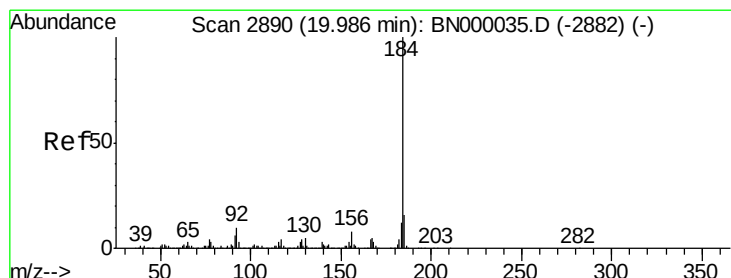
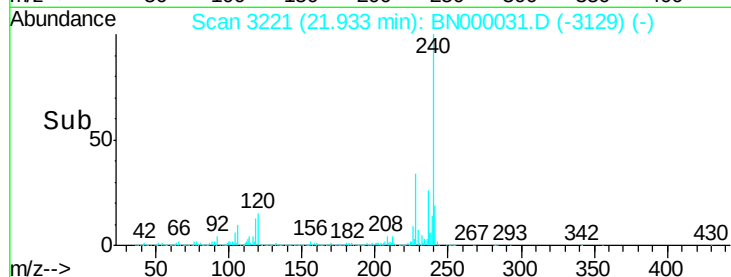
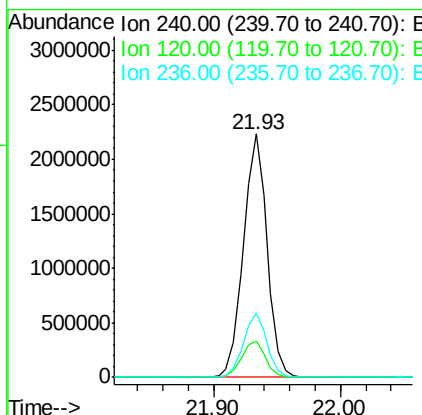
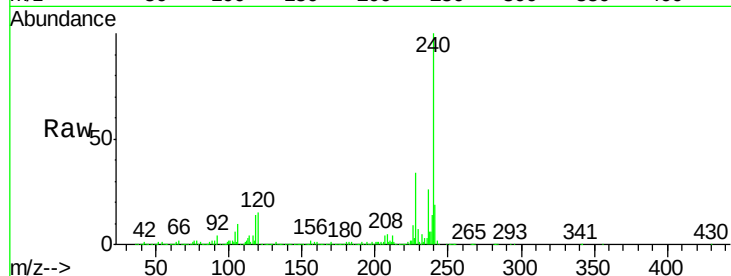




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.93 min Scan# 3221
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

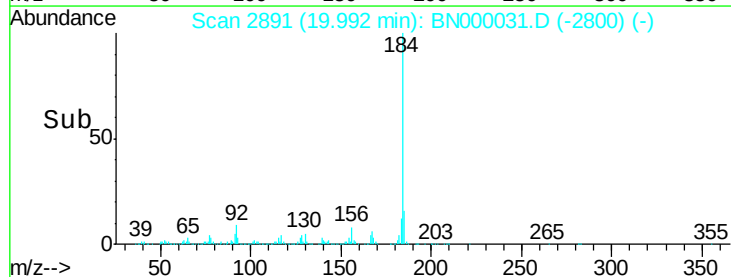
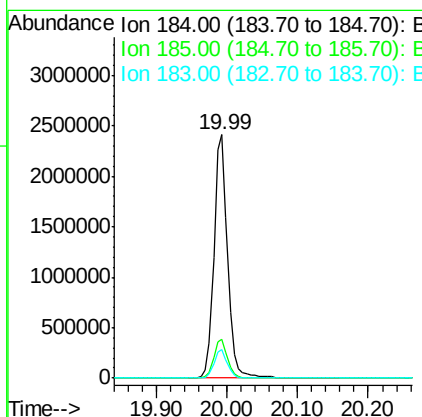
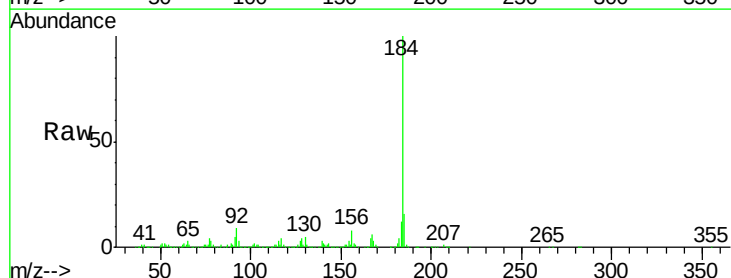
Instrument :
 BNA_N
 ClientSampleId :

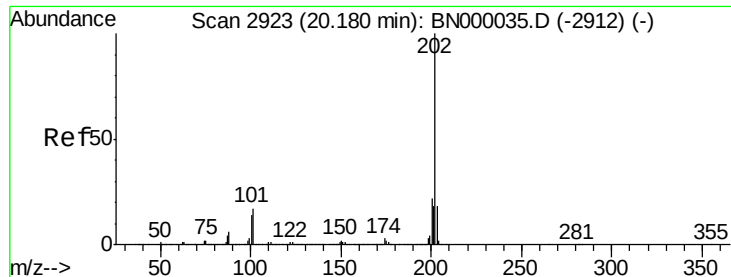
Tot Ion:240 Resp: 2871814
 Ion Ratio Lower Upper
 240 100
 120 14.7 6.8 10.2#
 236 26.3 20.9 31.3



#76
 Benzidine
 Concen: 44.577 ng
 RT: 19.99 min Scan# 2891
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:184 Resp: 3240468
 Ion Ratio Lower Upper
 184 100
 185 16.1 11.1 16.7
 183 11.5 10.6 16.0





#77

Pvrene

Concen: 40.039 ng

RT: 20.18 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

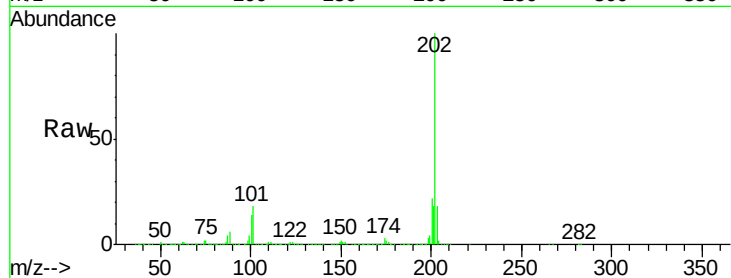
Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 7254163

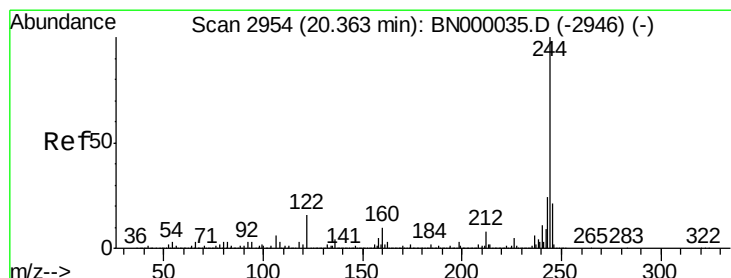
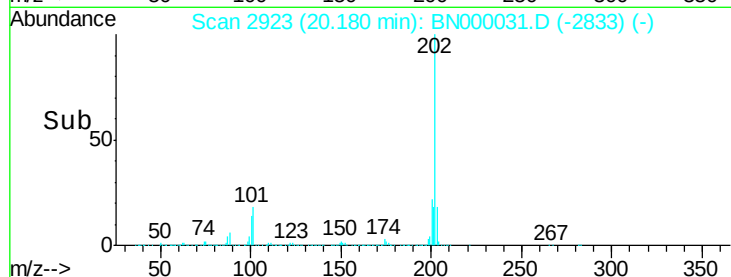
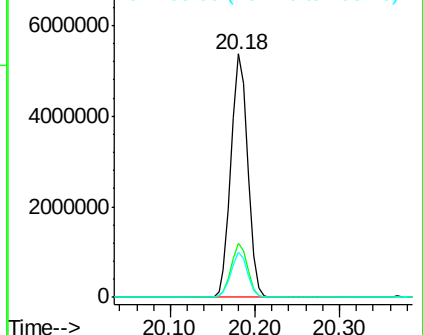
Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.5	13.9	20.9



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: 79.667 ng

RT: 20.37 min Scan# 2955

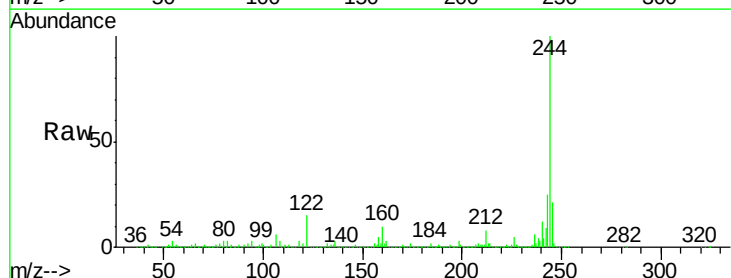
Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Tgt Ion:244 Resp: 8668082

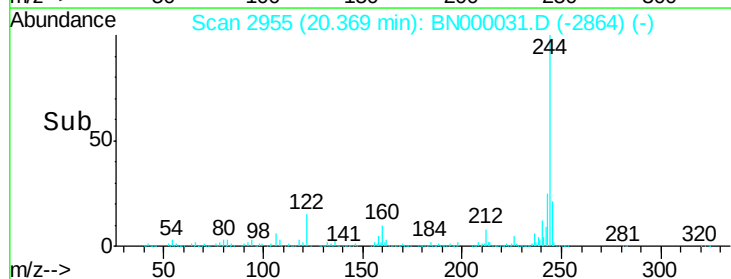
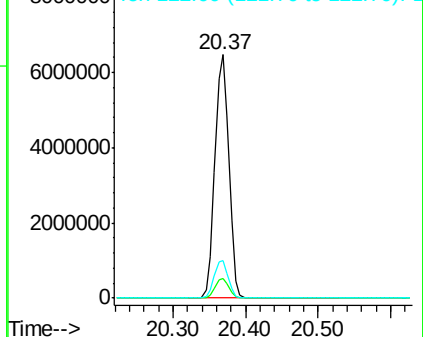
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	15.4	7.0	10.4

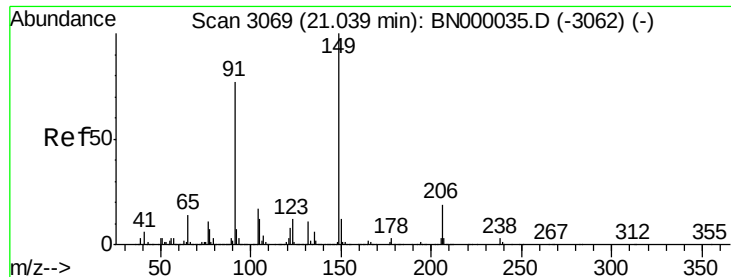


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

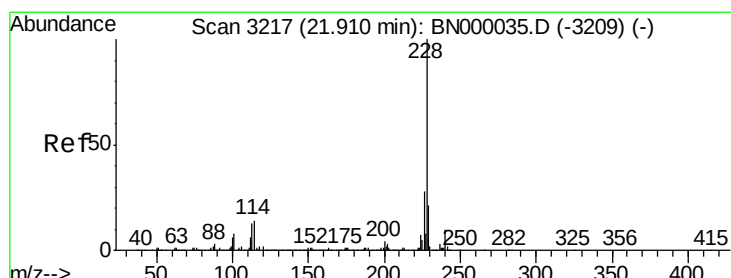
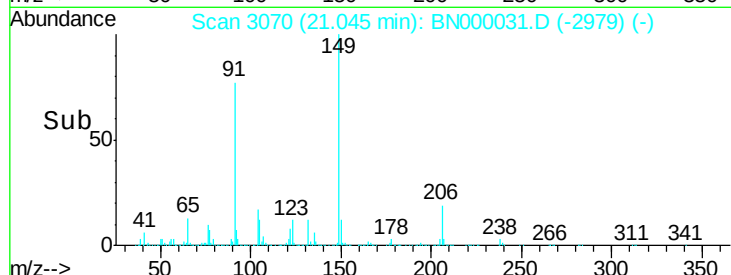
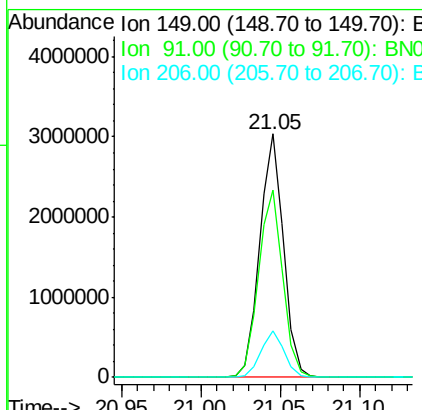
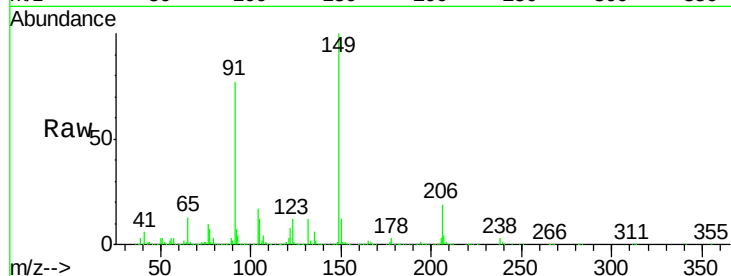




#79
Butylbenzylphthalate
Concen: 43.904 ng
RT: 21.05 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

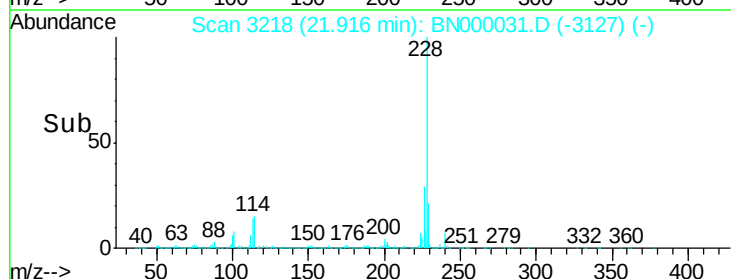
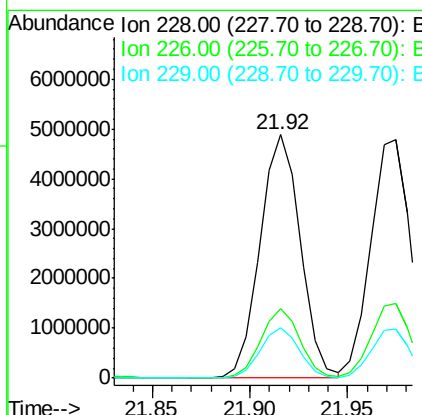
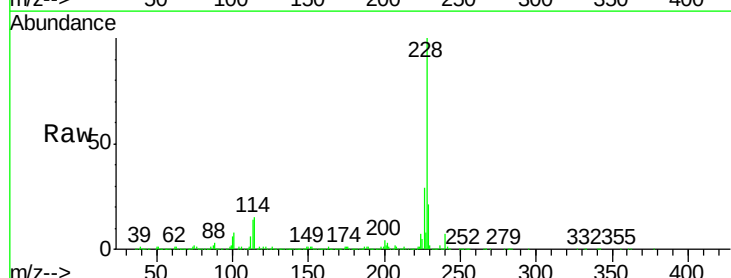
Instrument :
BNA_N
ClientSampleId :

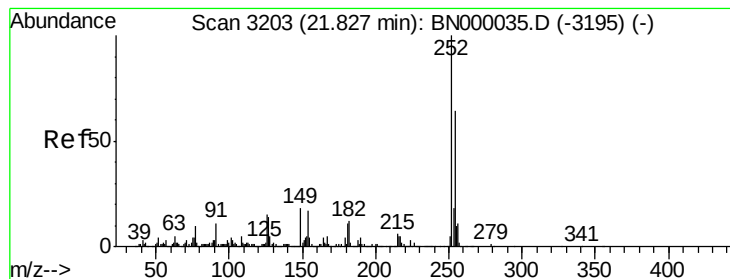
Tot Ion:149 Resp: 3170721
Ion Ratio Lower Upper
149 100
91 77.2 62.2 93.2
206 19.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.267 ng
RT: 21.92 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

Tgt Ion:228 Resp: 6991498
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.6 16.2 24.2

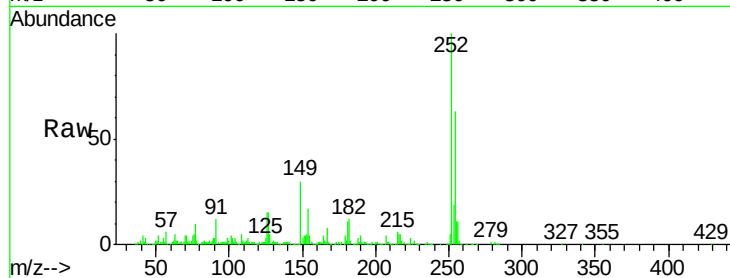




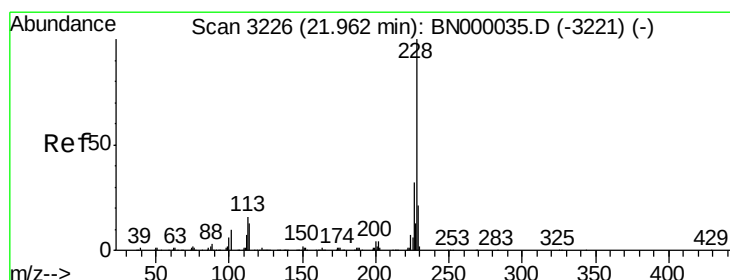
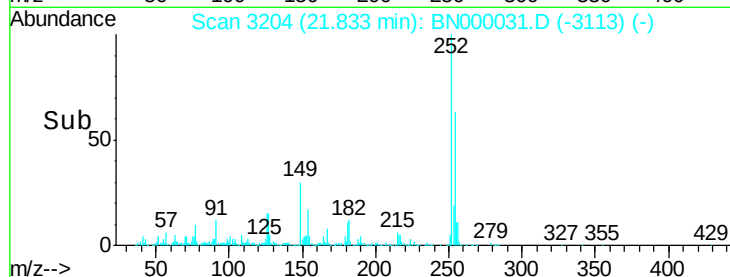
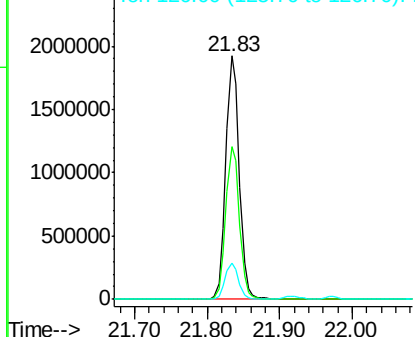
#81
 3,3'-Dichlorobenzidine
 Concen: 41.729 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:252 Resp: 2489849
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.8 76.2
 126 14.9 7.4 11.2#

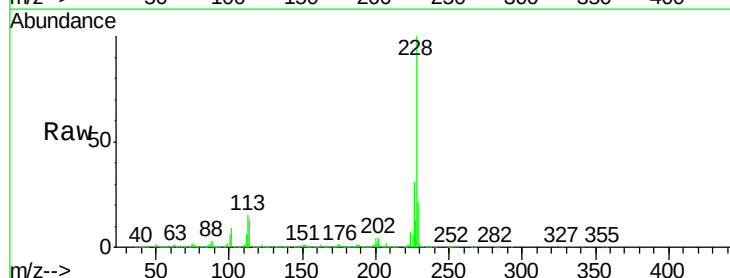


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

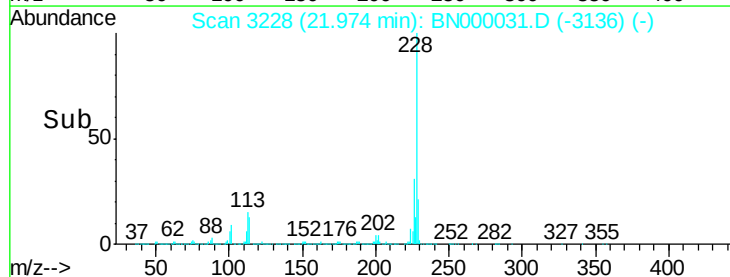
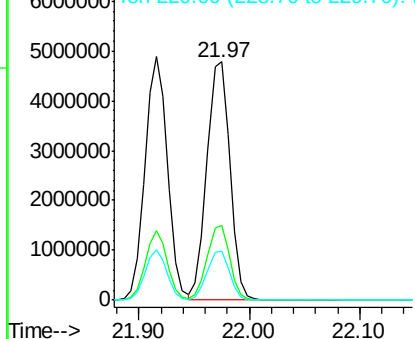


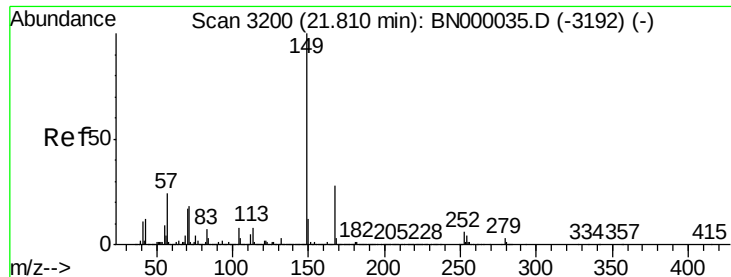
#82
 Chrysene
 Concen: 38.484 ng
 RT: 21.97 min Scan# 3228
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:228 Resp: 6805270
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.5 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

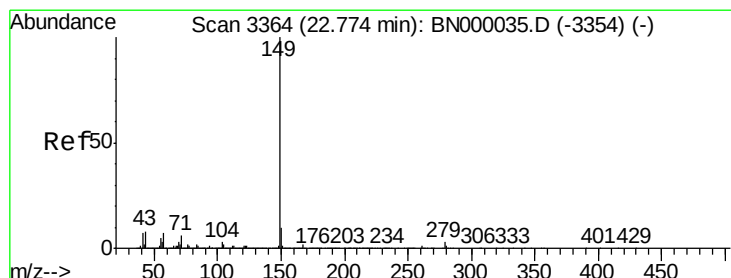
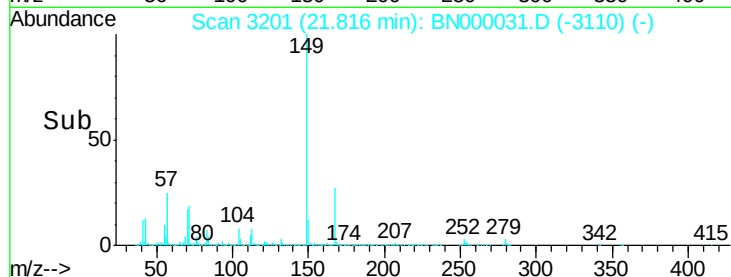
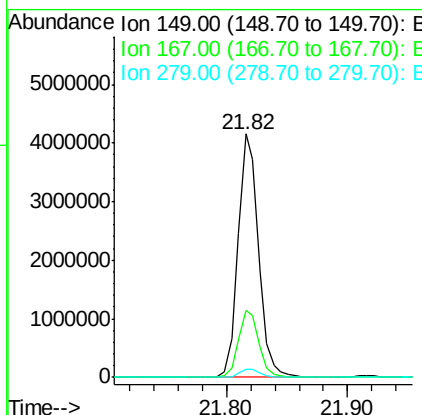
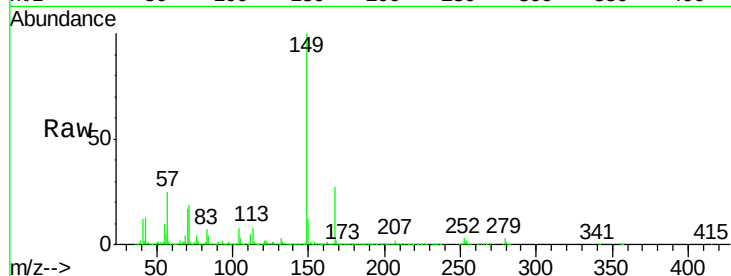




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.146 ng
 RT: 21.82 min Scan# 3201
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

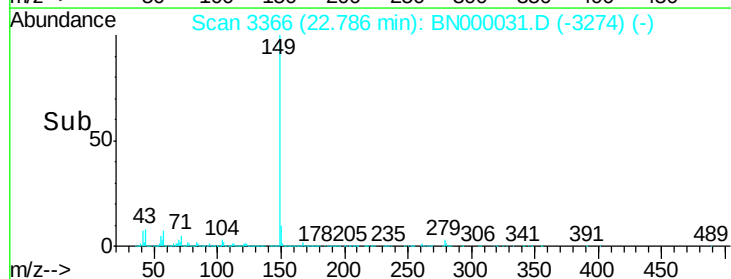
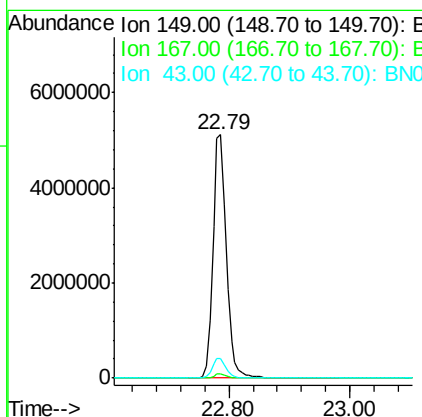
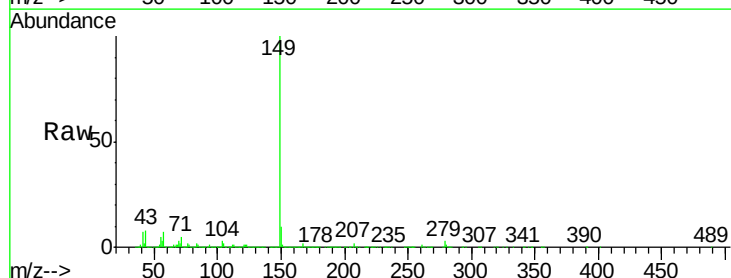
Instrument :
 BNA_N
 ClientSampleId :

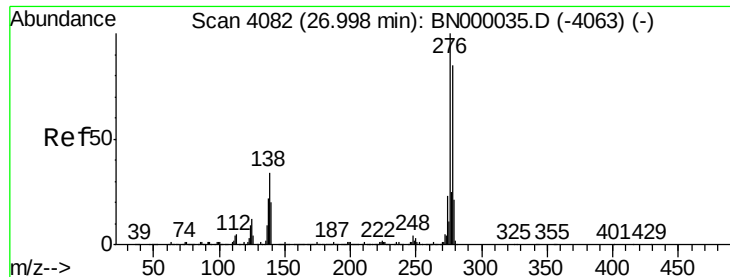
Tot Ion:149 Resp: 4916943
 Ion Ratio Lower Upper
 149 100
 167 27.4 24.3 36.5
 279 3.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 40.300 ng
 RT: 22.79 min Scan# 3366
 Delta R.T. 0.01 min
 Lab File: BN000031.D
 Acq: 07 Feb 2018 10:54

Tgt Ion:149 Resp: 7794561
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 8.2 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.840 ng

RT: 27.01 min Scan# 4084

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

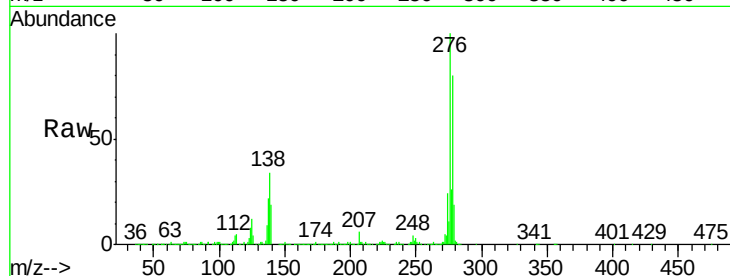
Tot Ion:276 Resp: 8631401

Ion Ratio Lower Upper

276 100

138 33.6 16.0 24.0#

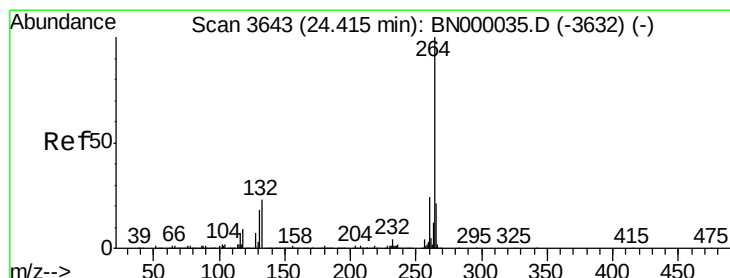
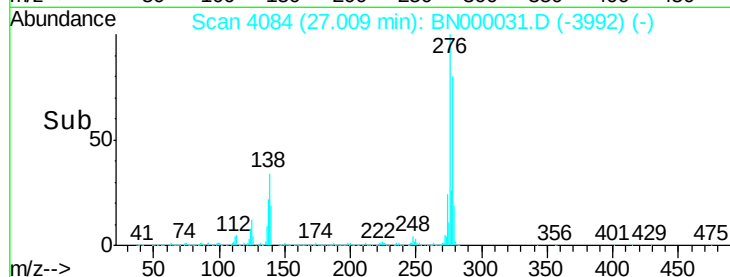
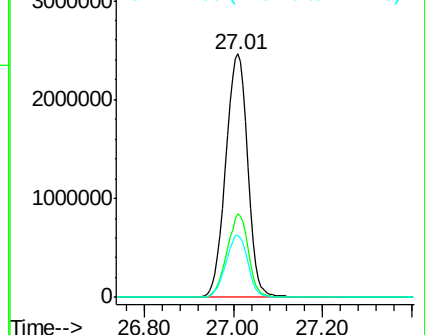
277 25.5 20.0 30.0



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: 24.43 min Scan# 3645

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

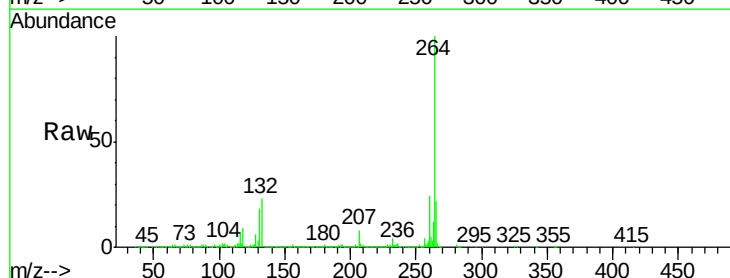
Tgt Ion:264 Resp: 3086162

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

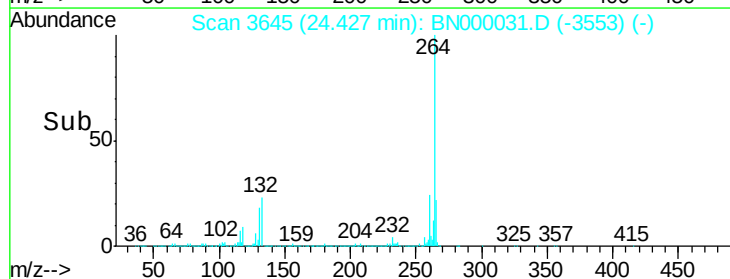
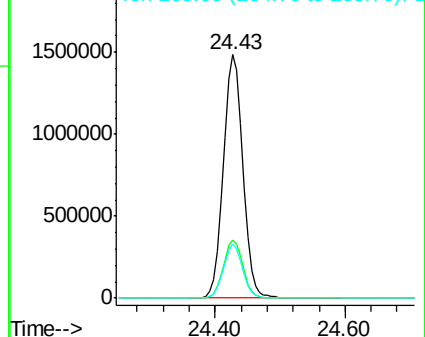
265 22.1 17.7 26.5

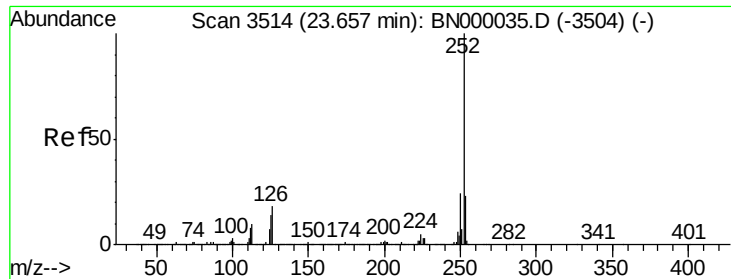


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.965 ng

RT: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

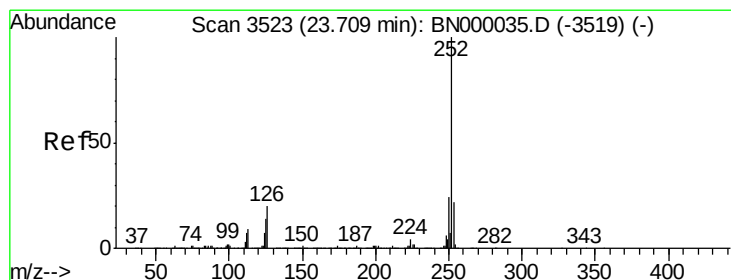
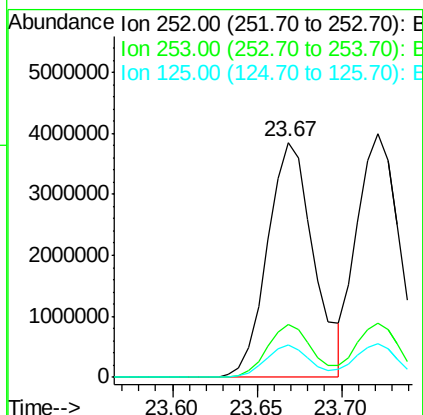
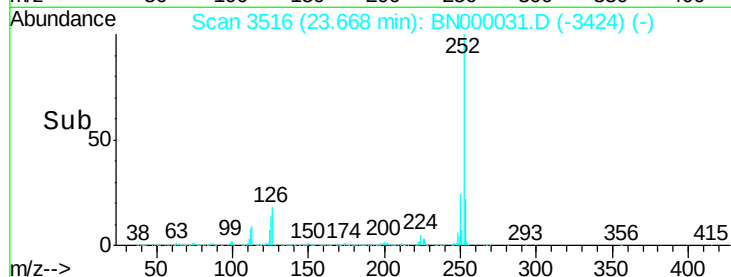
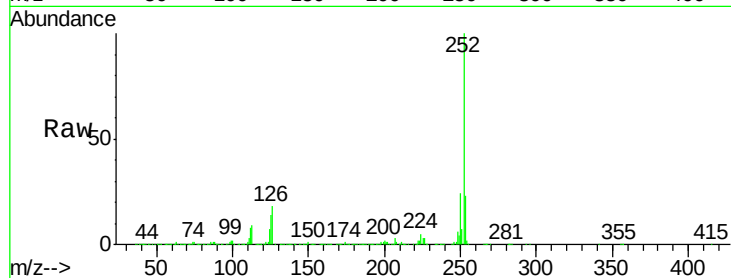
Tot Ion:252 Resp: 7333554

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 13.8 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 38.184 ng

RT: 23.72 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

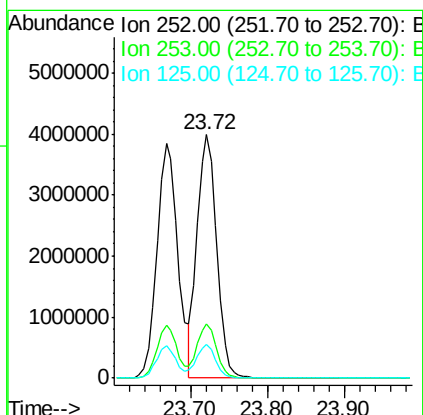
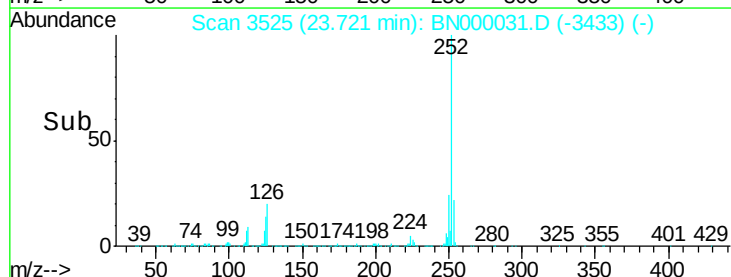
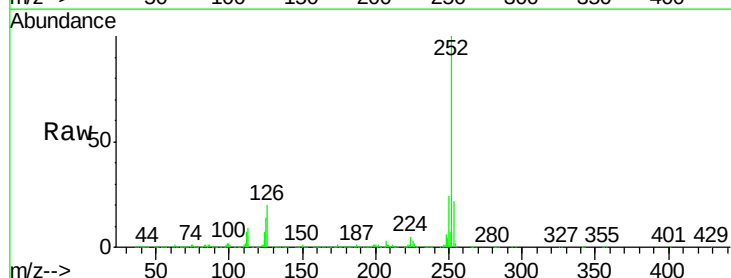
Tgt Ion:252 Resp: 7025110

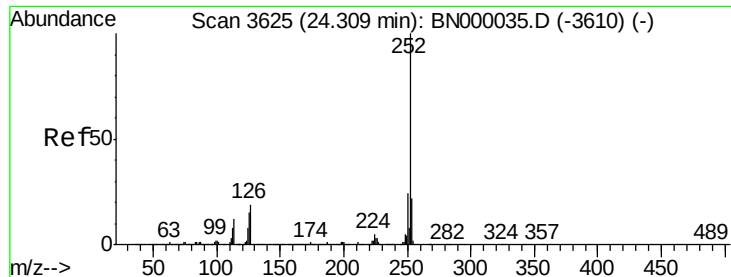
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 14.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.927 ng

RT: 24.32 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

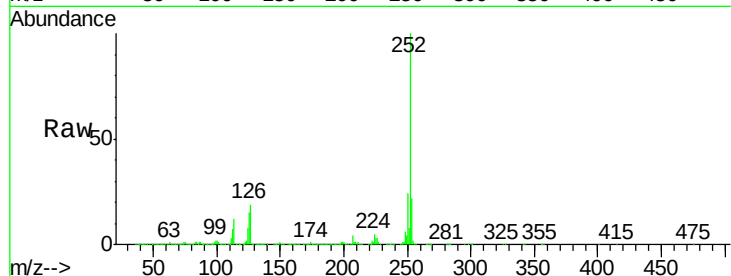
Tot Ion:252 Resp: 6939100

Ion Ratio Lower Upper

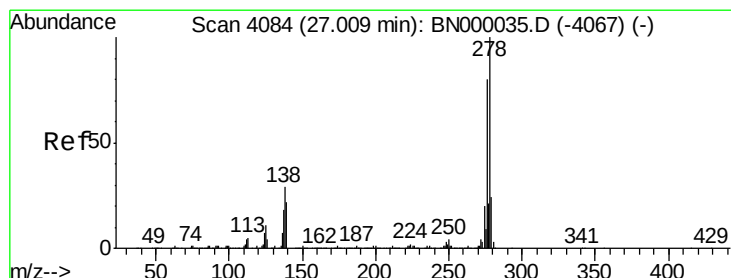
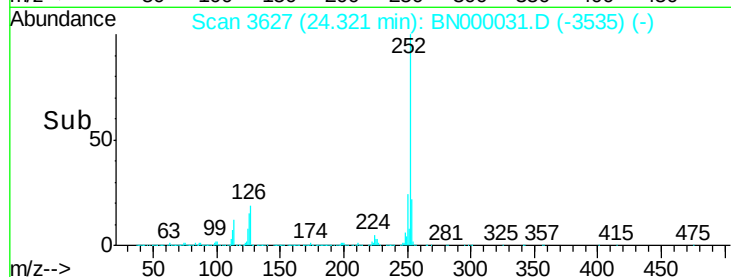
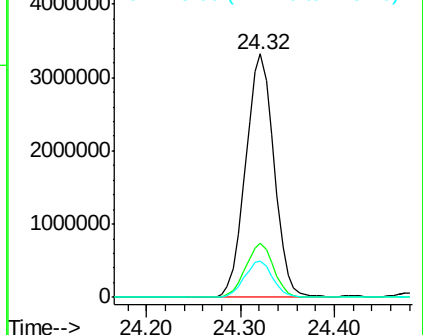
252 100

253 22.2 18.3 27.5

125 14.7 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 38.551 ng

RT: 27.02 min Scan# 4086

Delta R.T. 0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

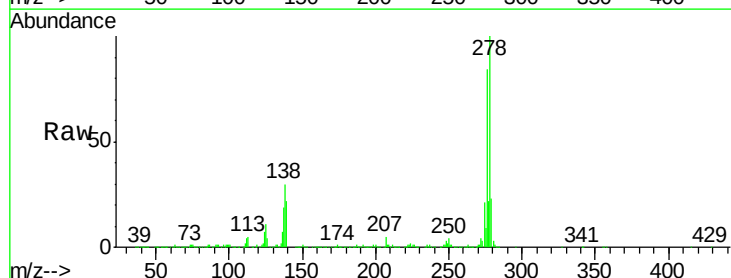
Tgt Ion:278 Resp: 7193044

Ion Ratio Lower Upper

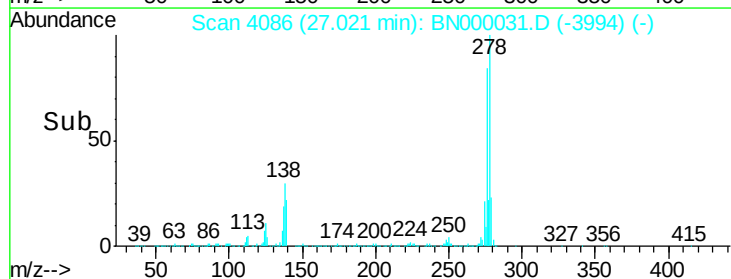
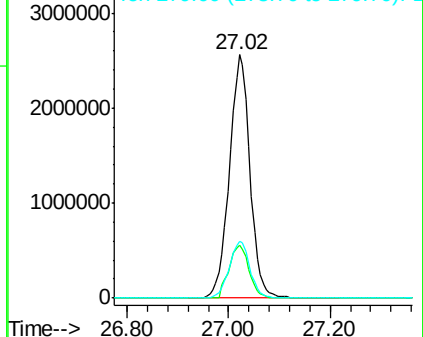
278 100

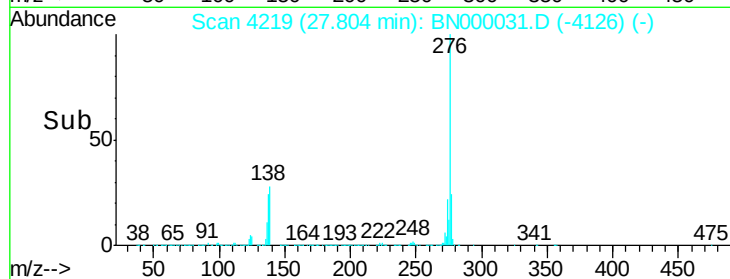
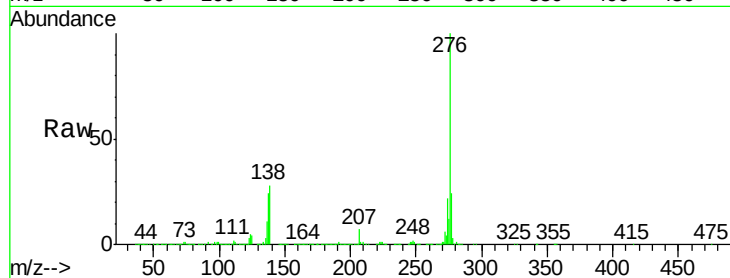
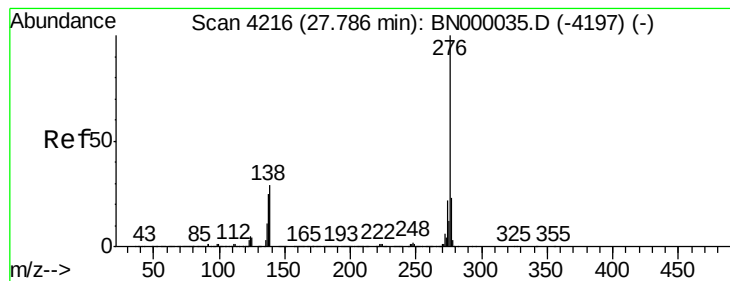
139 21.8 9.8 14.6#

279 23.4 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.211 ng

RT: 27.80 min Scan# 4219

Delta R.T. 0.02 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 7245810

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 27.9 13.9 20.9#

