

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000127.D
 Acq On : 20 Feb 2018 01:04
 Operator : JU/SJ
 Sample : PB106645BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Quant Time: Feb 20 03:14:14 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 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	529350	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2707287	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1605163	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3322745	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3275118	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3588904	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	3685569	113.47	ng	0.00
7) Phenol-d6	7.59	99	5208319	105.86	ng	0.00
23) Nitrobenzene-d5	9.64	82	4184700	91.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1368547	86.13	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8984159	78.89	ng	-0.02
78) Terphenyl-d14	20.35	244	10462404	86.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	427138	32.682	ng	98
3) Pyridine	4.09	79	1357201	33.360	ng	98
4) n-Nitrosodimethylamine	4.00	42	521217	45.303	ng	# 88
6) Aniline	7.76	93	1704002	25.140	ng	92
8) 2-Chlorophenol	8.01	128	1965272	51.741	ng	89
9) Benzaldehyde	7.58	77	290586	9.494	ng	89
10) Phenol	7.62	94	2787931	53.681	ng	86
11) bis(2-Chloroethyl)ether	7.86	93	1832392	42.899	ng	84
12) 1,3-Dichlorobenzene	8.35	146	1626480	37.686	ng	100
13) 1,4-Dichlorobenzene	8.49	146	1679697	38.111	ng	97
14) 1,2-Dichlorobenzene	8.82	146	1663679	38.347	ng	96
15) Benzyl Alcohol	8.69	79	1754654	49.619	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1931244	42.716	ng	81
17) 2-Methylphenol	8.89	107	1833968	49.692	ng	95
18) Hexachloroethane	9.56	117	615927	40.145	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	1441027	43.710	ng	# 83
20) 3+4-Methylphenols	9.22	107	2494000	48.317	ng	94
22) Acetophenone	9.29	105	2949218	38.875	ng	# 88
24) Nitrobenzene	9.68	77	2173108	43.655	ng	# 93
25) Isophorone	10.20	82	4188316	44.497	ng	97
26) 2-Nitrophenol	10.40	139	891633	44.352	ng	91
27) 2,4-Dimethylphenol	10.44	122	2147649	52.630	ng	94
28) bis(2-Chloroethoxy)methane	10.68	93	2769806	45.882	ng	96
29) 2,4-Dichlorophenol	10.93	162	1830184	48.463	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	1623004	37.319	ng	98
31) Naphthalene	11.35	128	5787282	38.992	ng	98
32) Benzoic acid	10.57	122	1288759	43.735	ng	90
33) 4-Chloroaniline	11.45	127	1094028	16.779	ng	96
34) Hexachlorobutadiene	11.62	225	786087	34.858	ng	98
35) Caprolactam	12.20	113	717007	43.818	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	2304585	48.067	ng	98
37) 2-Methylnaphthalene	12.93	142	4238540	41.043	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1771688	37.394	ng	# 95
40) Hexachlorocyclopentadiene	13.26	237	1790064	90.636	ng	92

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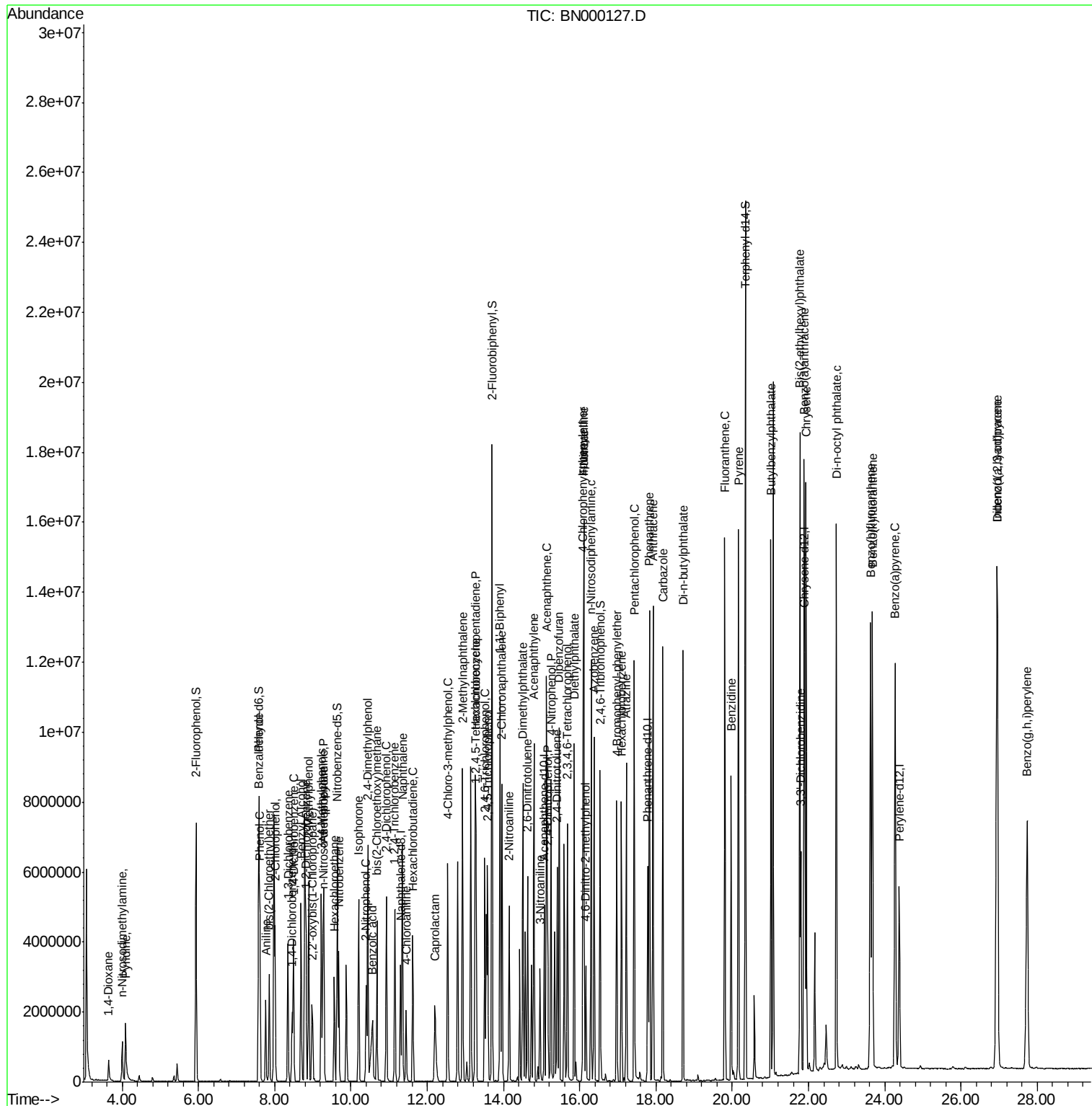
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	1312717	46.228	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	1464680	42.906	nq #	91
45) 1,1'-Biphenyl	13.91	154	5403173	38.220	nq	97
46) 2-Chloronaphthalene	13.96	162	4105265	38.701	nq	96
47) 2-Nitroaniline	14.15	65	1348142	43.806	nq #	84
48) Acenaphthylene	14.80	152	6690496	39.149	nq	98
49) Dimethylphthalate	14.51	163	5256281	39.173	nq	100
50) 2,6-Dinitrotoluene	14.63	165	1160162	41.883	nq	92
51) Acenaphthene	15.13	154	4690418	42.163	nq	98
52) 3-Nitroaniline	14.96	138	797404	23.682	nq #	91
53) 2,4-Dinitrophenol	15.16	184	987320	98.129	nq #	1
54) Dibenzofuran	15.46	168	6291362	39.933	nq	95
55) 4-Nitrophenol	15.25	139	2344219	84.647	nq #	86
56) 2,4-Dinitrotoluene	15.41	165	1610036	41.246	nq	94
57) Fluorene	16.10	166	5049358	39.251	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	1229737	45.645	nq #	82
59) Diethylphthalate	15.85	149	5451222	39.977	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	2310230	39.407	nq	91
61) 4-Nitroaniline	16.11	138	1399603	40.454	nq	90
62) Azobenzene	16.37	77	5877063	43.297	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	606719	40.276	nq	89
65) n-Nitrosodiphenylamine	16.30	169	4501333	41.633	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	1318348	41.723	nq #	86
67) Hexachlorobenzene	17.09	284	1422319	38.545	nq #	88
68) Atrazine	17.22	200	1448340	41.160	nq	93
69) Pentachlorophenol	17.43	266	1858542	73.648	nq	99
70) Phenanthrene	17.83	178	7784425	39.662	nq	98
71) Anthracene	17.92	178	7932663	41.741	nq	99
72) Carbazole	18.18	167	7683404	40.131	nq #	97
73) Di-n-butylphthalate	18.71	149	8818739	41.724	nq #	98
74) Fluoranthene	19.80	202	8370527	40.652	nq	90
76) Benzidine	19.97	184	4221270	40.433	nq	96
77) Pyrene	20.16	202	8736778	41.973	nq	97
79) Butylbenzylphthalate	21.02	149	4296763	44.016	nq	96
80) Benzo(a)anthracene	21.89	228	8413986	41.797	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	1609010	21.762	nq #	95
82) Chrysene	21.94	228	7875451	39.258	nq	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	6254523	43.003	nq #	95
84) Di-n-octyl phthalate	22.73	149	10711075	44.920	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.95	276	10372771	42.093	nq #	85
87) Benzo(b)fluoranthene	23.63	252	8754220	41.673	nq #	95
88) Benzo(k)fluoranthene	23.68	252	8599103	40.644	nq #	95
89) Benzo(a)pyrene	24.27	252	8625112	42.815	nq #	94
90) Dibenzo(a,h)anthracene	26.96	278	8713977	41.363	nq #	90
91) Benzo(g,h,i)perylene	27.74	276	8657871	40.642	nq #	87

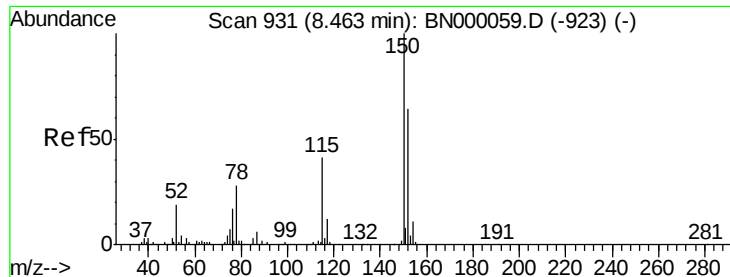
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

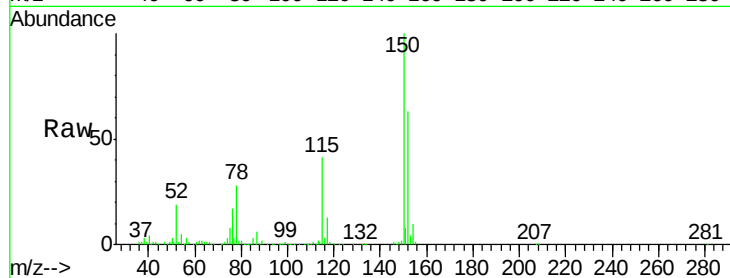
Tot Ion:152 Resp: 529350

Ion Ratio Lower Upper

152 100

150 158.4 126.6 189.8

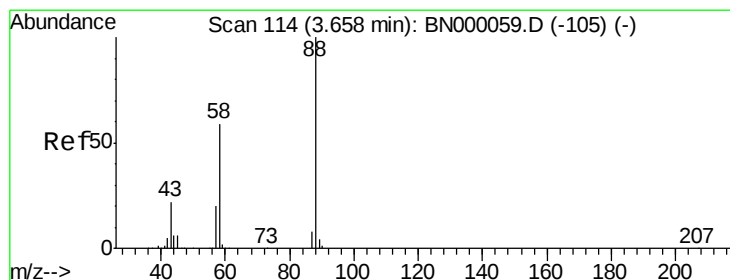
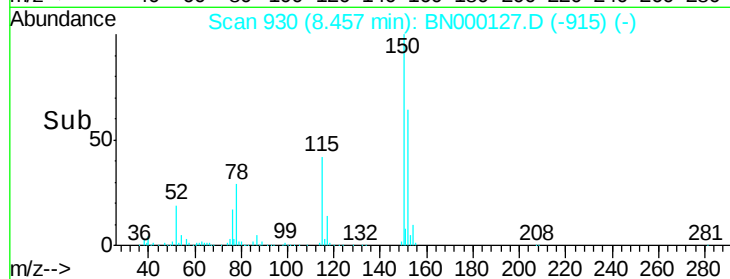
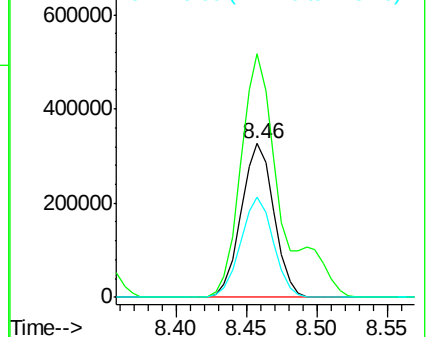
115 65.1 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.682 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

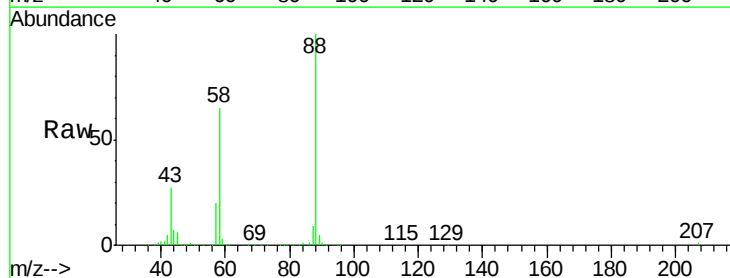
Tgt Ion: 88 Resp: 427138

Ion Ratio Lower Upper

88 100

58 62.4 52.0 78.0

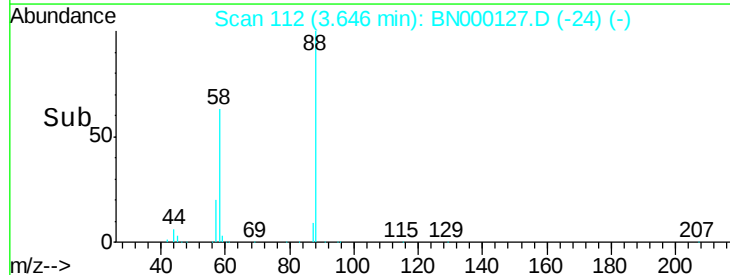
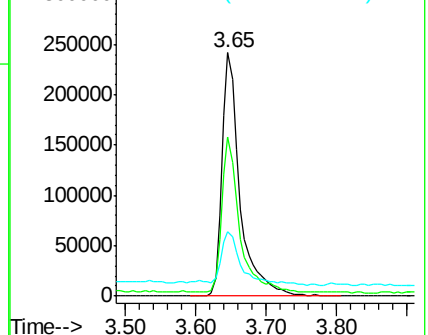
43 25.1 20.0 30.0

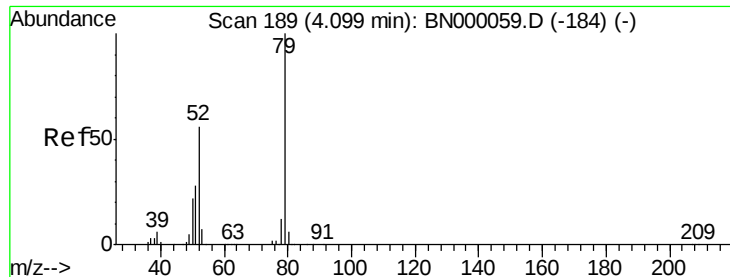


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 33.360 ng

RT: 4.09 min Scan# 188

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

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PB106645BS

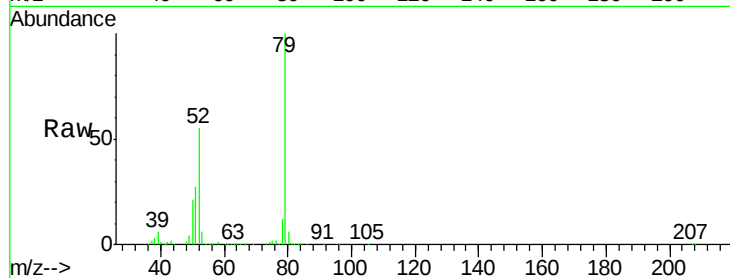
Tot Ion: 79 Resp: 1357201

Ion Ratio Lower Upper

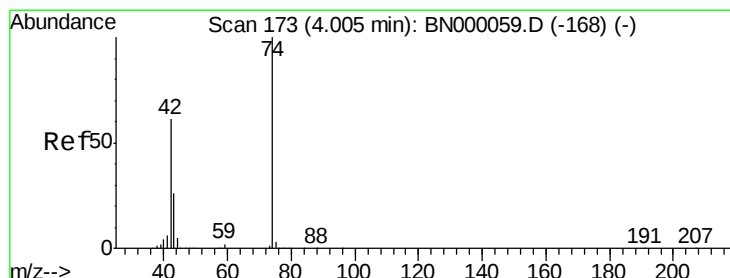
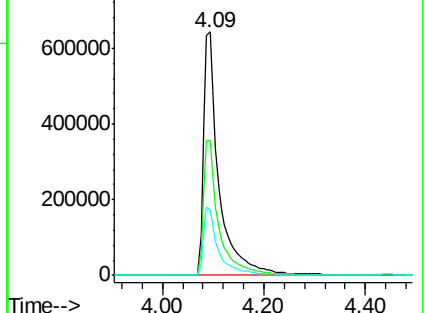
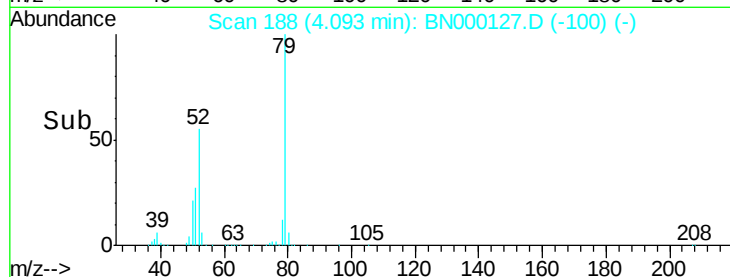
79 100

52 55.2 44.0 66.0

51 26.9 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: 45.303 ng

RT: 4.00 min Scan# 172

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

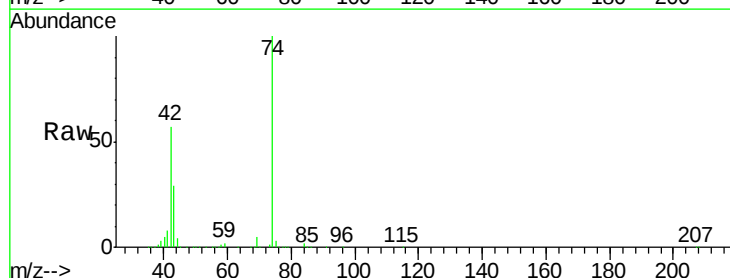
Tgt Ion: 42 Resp: 521217

Ion Ratio Lower Upper

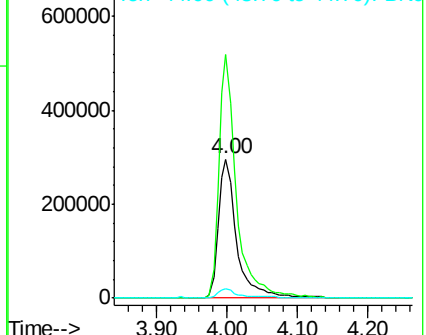
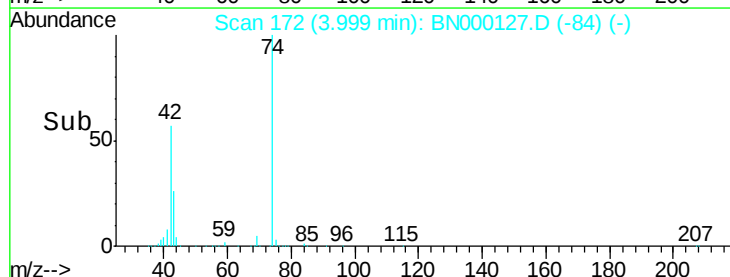
42 100

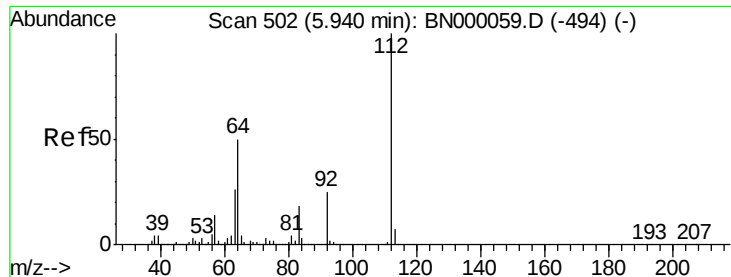
74 175.2 128.0 192.0

44 7.0 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: 113.472 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000127.D

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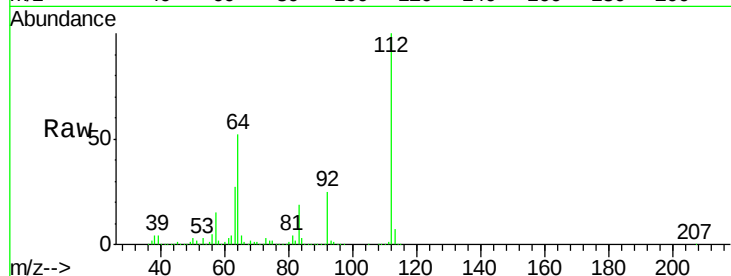
Tot Ion:112 Resp: 3685569

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

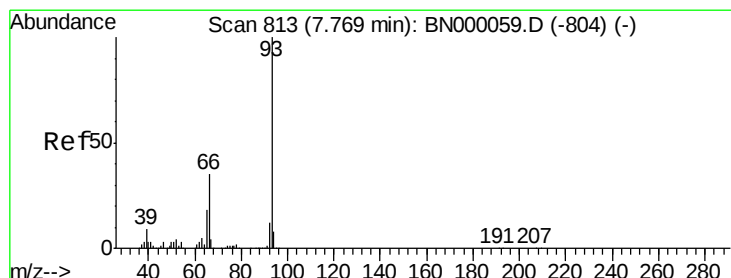
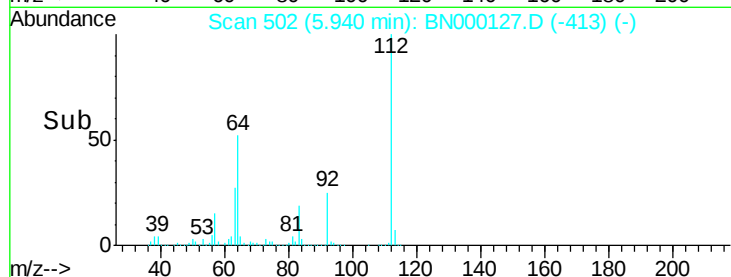
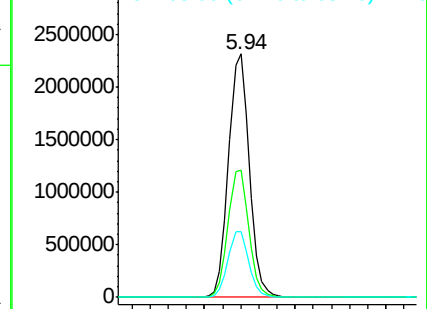
63 26.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 25.140 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

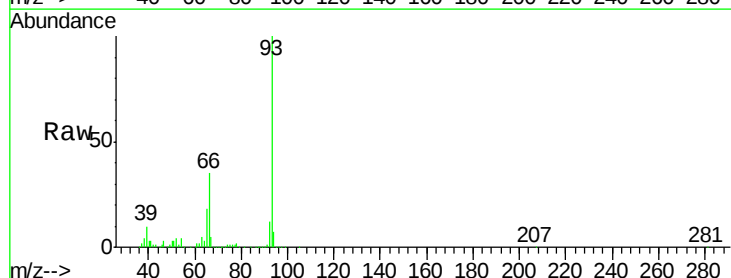
Tgt Ion: 93 Resp: 1704002

Ion Ratio Lower Upper

93 100

66 35.5 33.7 50.5

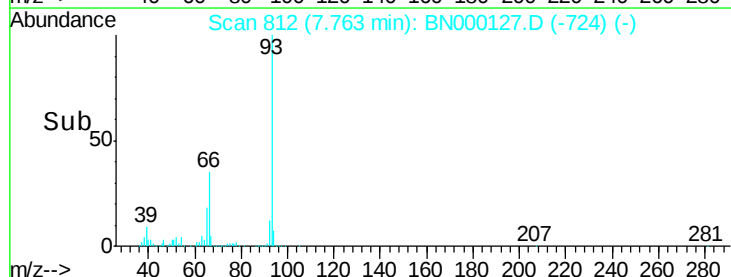
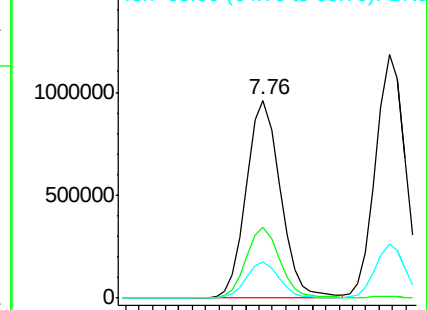
65 18.2 16.1 24.1

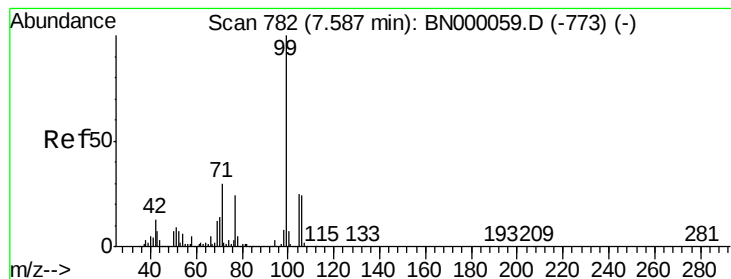


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 105.861 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

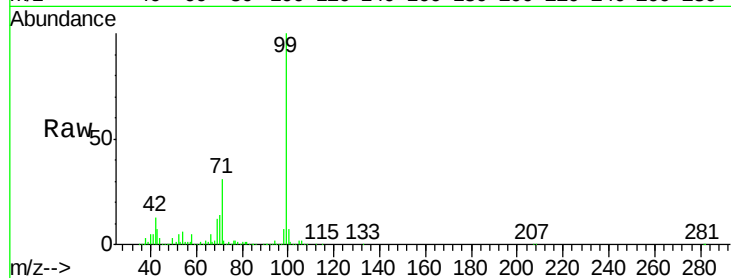
BNA_N

ClientSampleId :

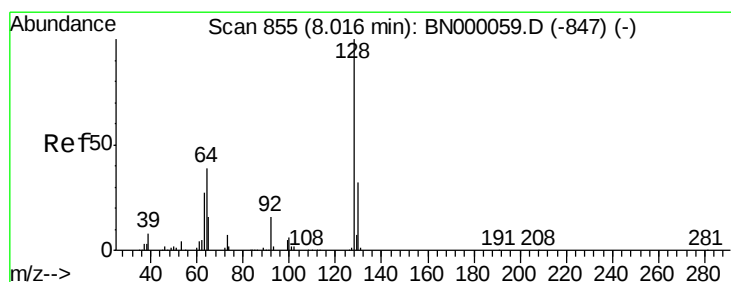
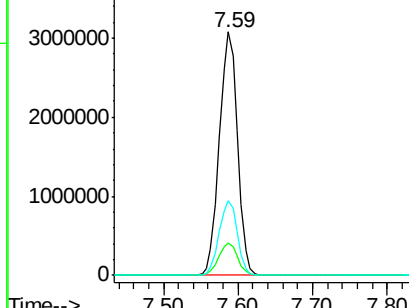
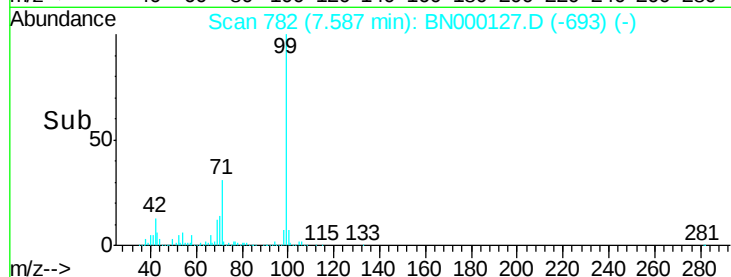
PB106645BS

Tot Ion: 99 Resp: 5208319

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	30.9	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000127.D (-766) (-)



#8

2-Chlorophenol

Concen: 51.741 ng

RT: 8.01 min Scan# 854

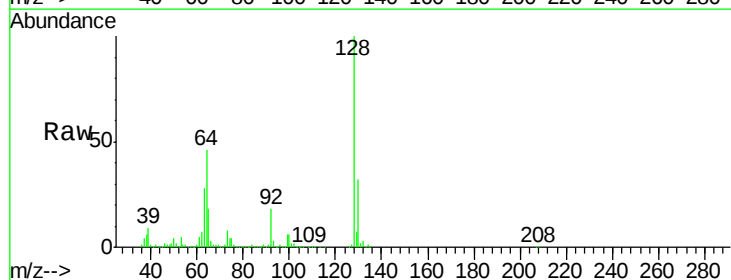
Delta R.T. -0.01 min

Lab File: BN000127.D

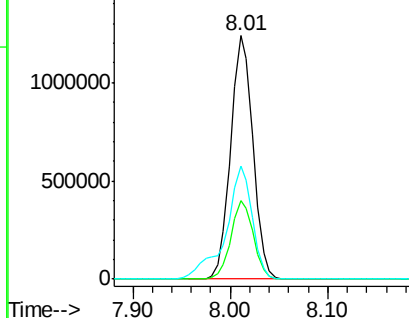
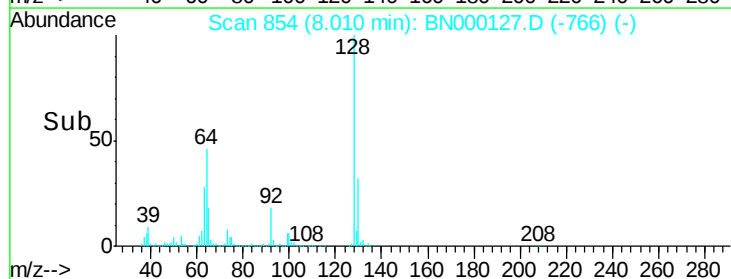
Acq: 20 Feb 2018 01:04

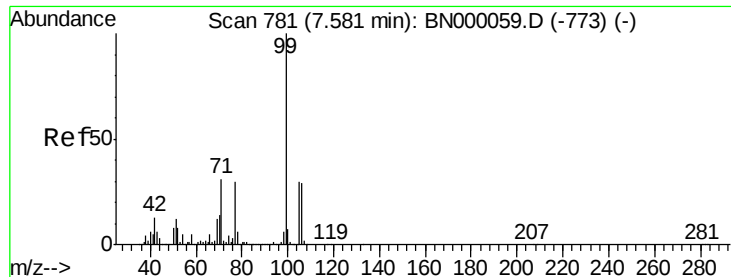
Tgt Ion: 128 Resp: 1965272

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	46.5	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BN000127.D (-766) (-)

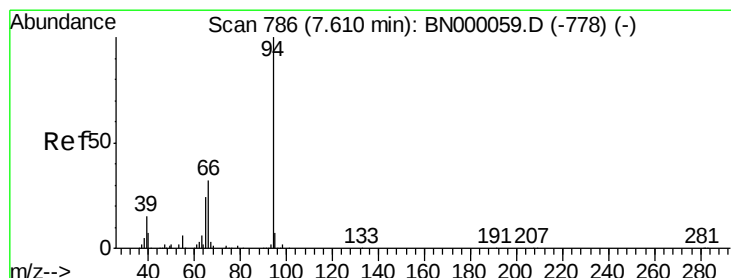
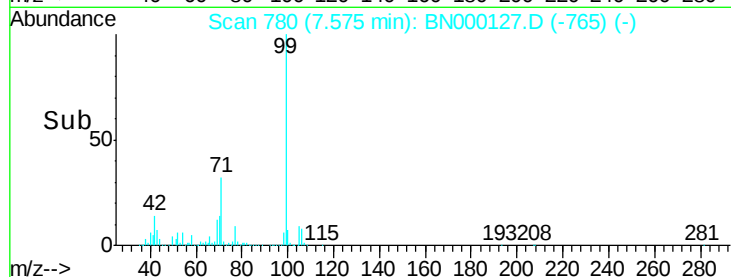
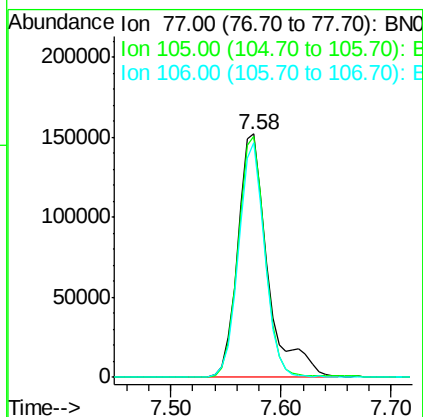
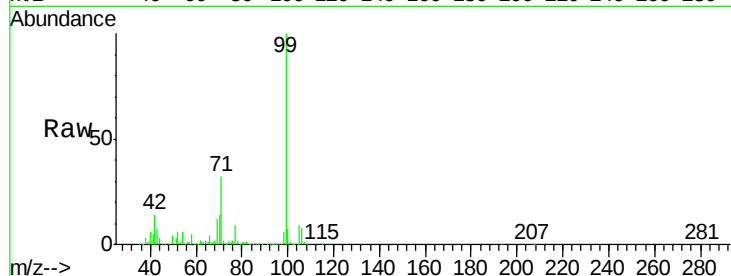




#9
Benzaldehyde
Concen: 9.494 ng
RT: 7.58 min Scan# 780
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

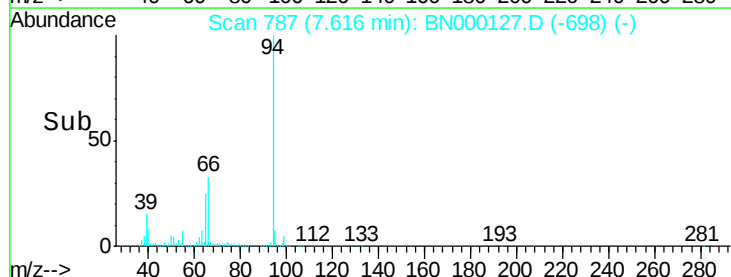
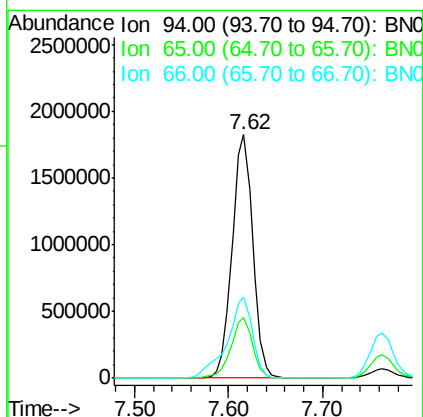
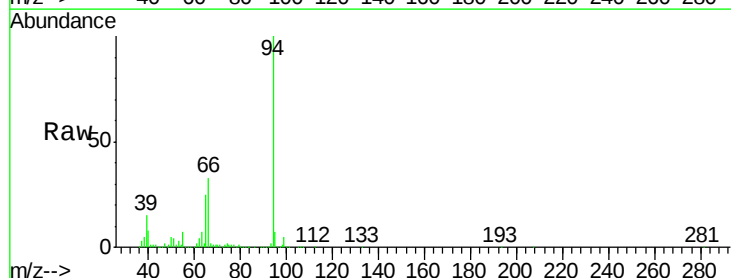
Instrument :
BNA_N
ClientSampleId :
PB106645BS

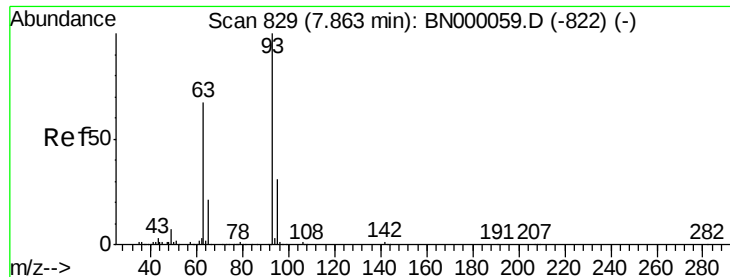
Tot Ion	Ratio	Lower	Upper
77	100		
105	98.9	71.3	111.3
106	96.5	64.2	104.2



#10
Phenol
Concen: 53.681 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	11.9	51.9
66	33.0	22.2	62.2

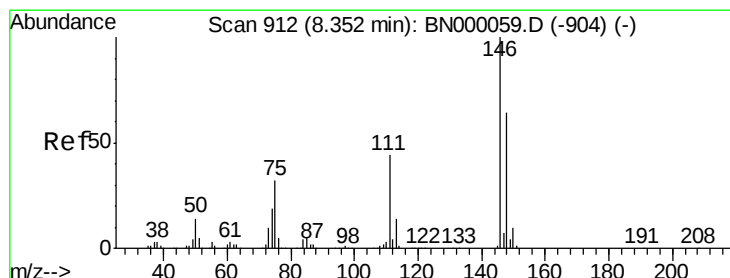
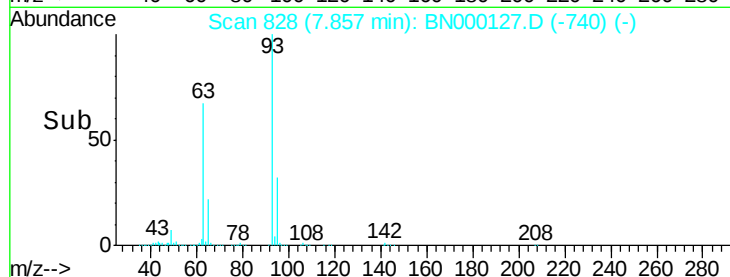
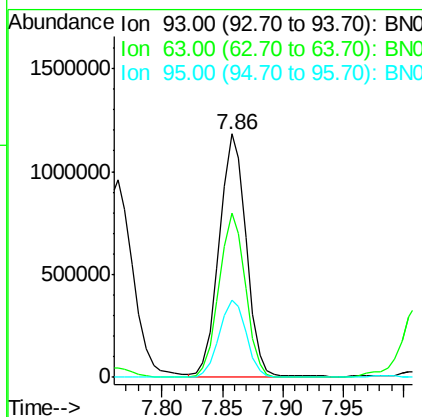
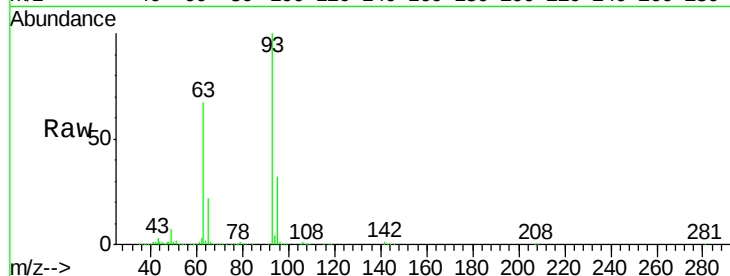




#11
bis(2-Chloroethyl)ether
Concen: 42.899 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

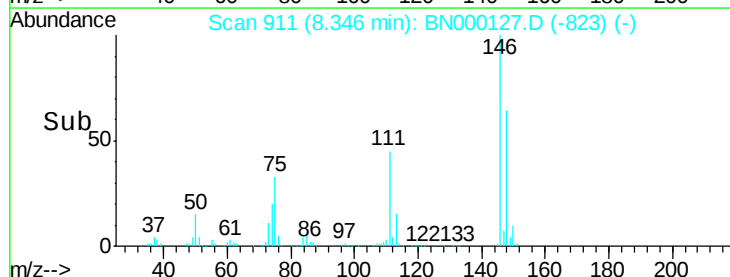
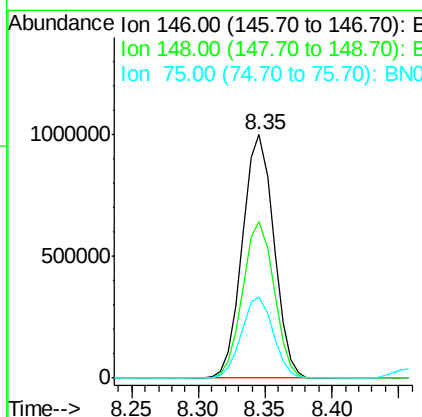
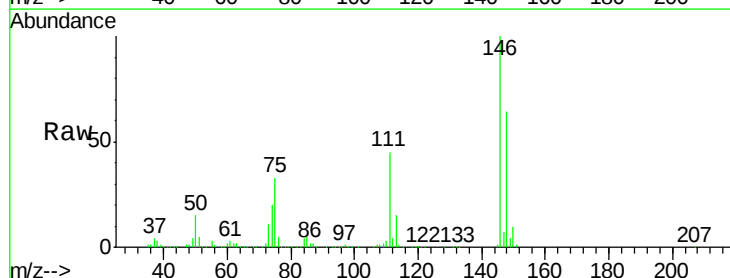
Instrument :
BNA_N
ClientSampleId :
PB106645BS

Tot Ion: 93 Resp: 1832392
Ion Ratio Lower Upper
93 100
63 67.3 67.1 107.1
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.686 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion: 146 Resp: 1626480
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 33.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 38.111 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

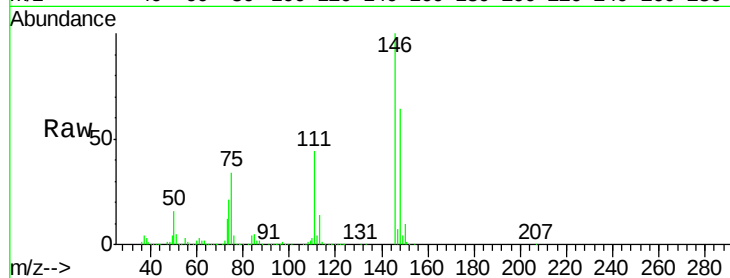
Tot Ion:146 Resp: 1679697

Ion Ratio Lower Upper

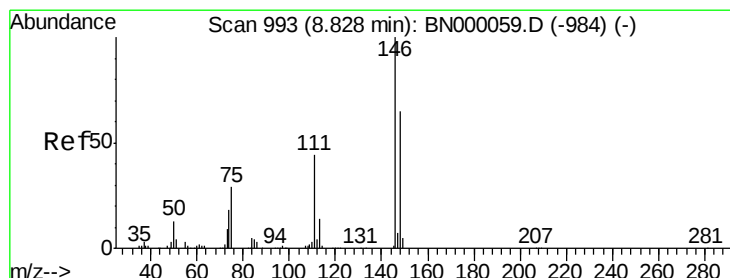
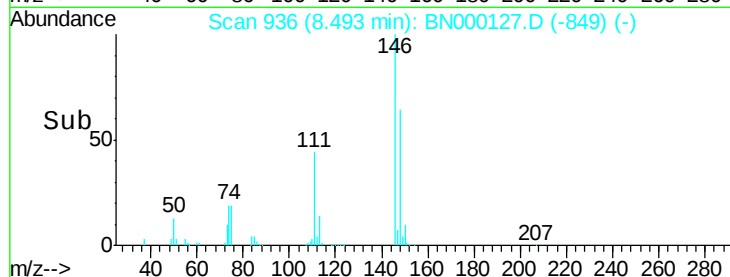
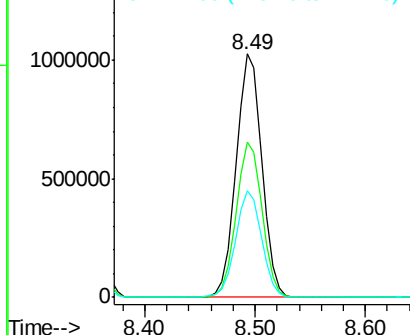
146 100

148 63.9 53.7 80.5

111 43.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.347 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

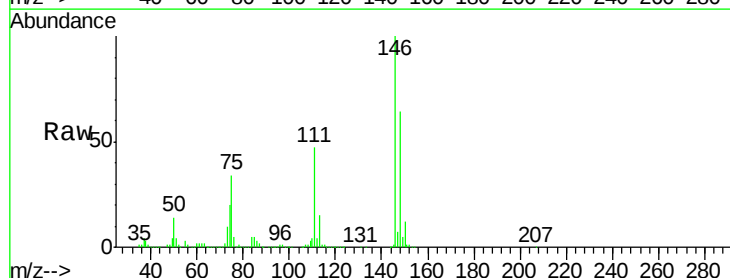
Tgt Ion:146 Resp: 1663679

Ion Ratio Lower Upper

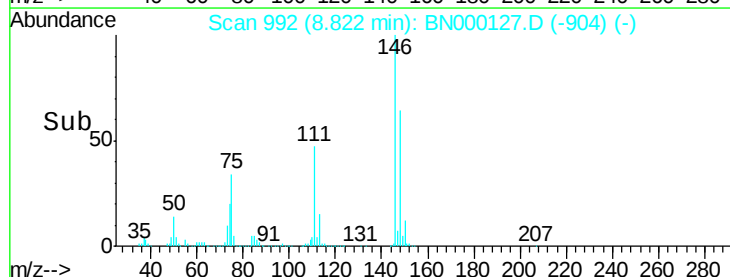
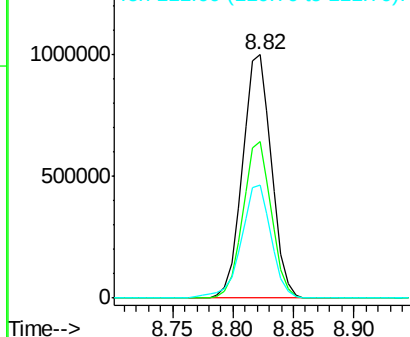
146 100

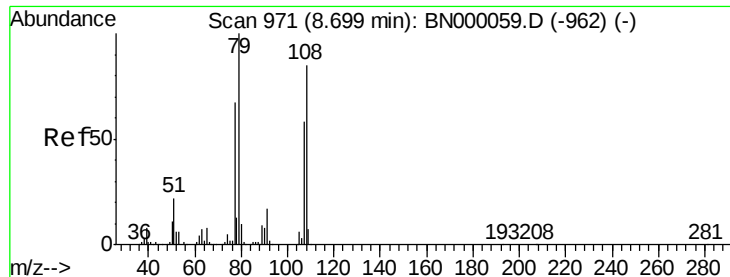
148 64.2 49.3 73.9

111 46.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.619 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

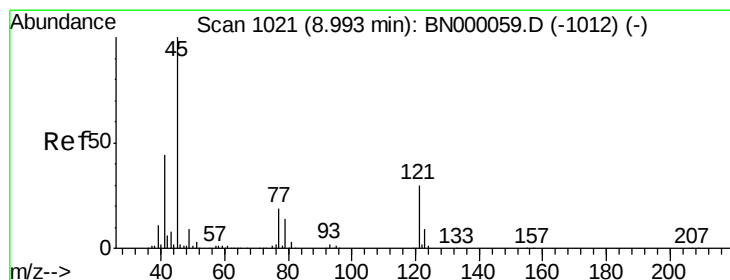
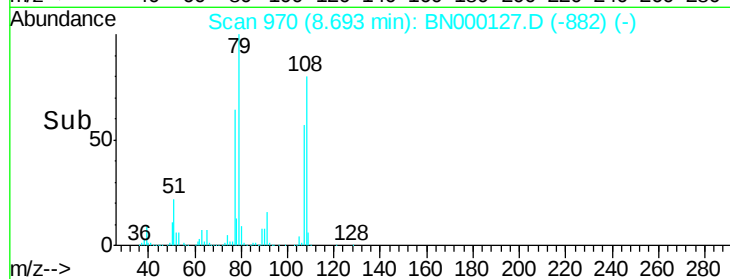
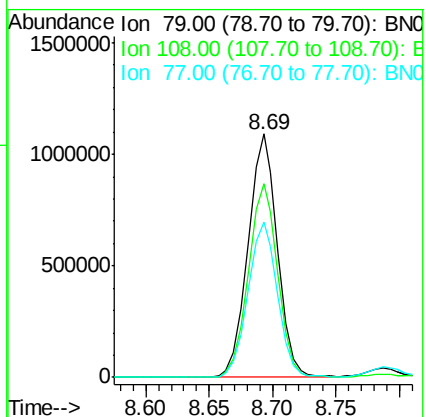
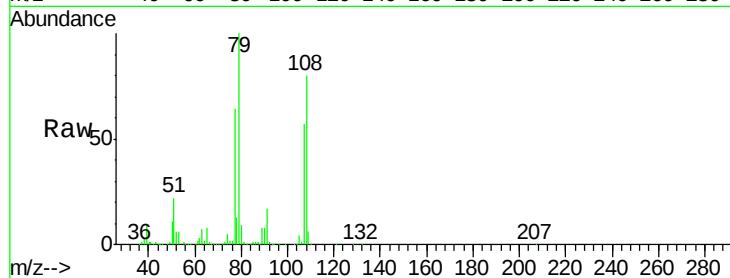
Tot Ion: 79 Resp: 1754654

Ion Ratio Lower Upper

79 100

108 79.7 57.2 85.8

77 63.9 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.716 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

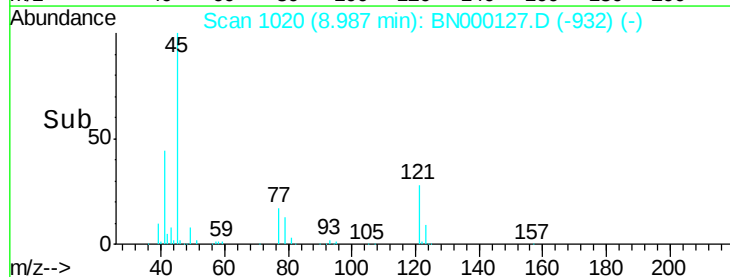
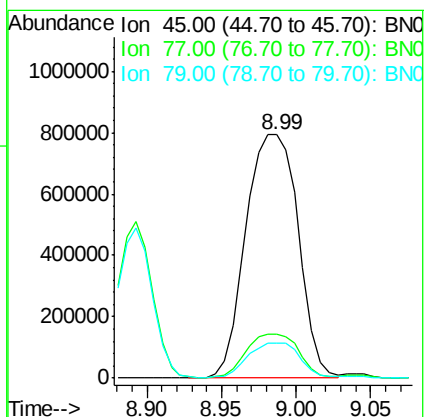
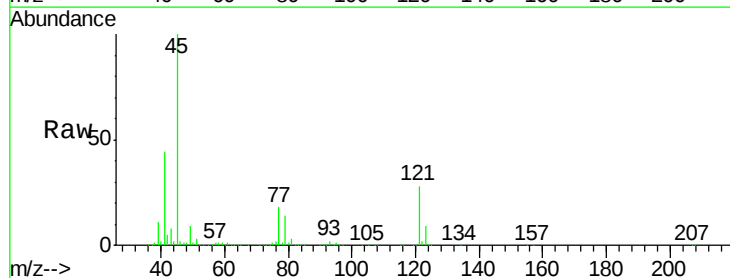
Tgt Ion: 45 Resp: 1931244

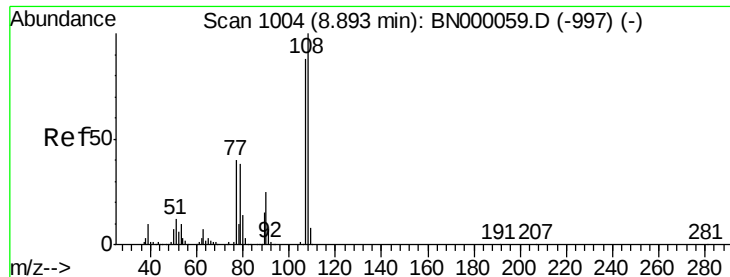
Ion Ratio Lower Upper

45 100

77 18.0 0.0 30.2

79 14.1 0.0 27.9





#17

2-Methylphenol

Concen: 49.692 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

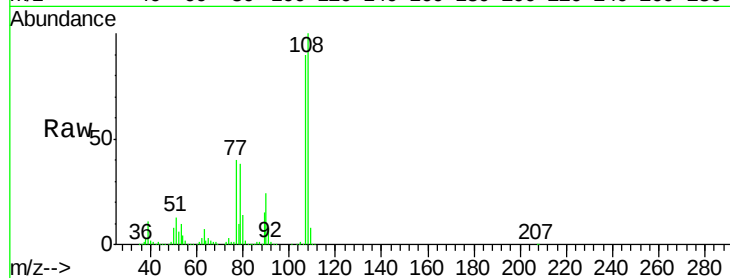
BNA_N

ClientSampleId :

PB106645BS

Tot Ion:107 Resp: 1833968

Ion	Ratio	Lower	Upper
107	100		
108	111.5	83.9	125.9
77	44.1	37.2	55.8
79	42.5	36.2	54.2

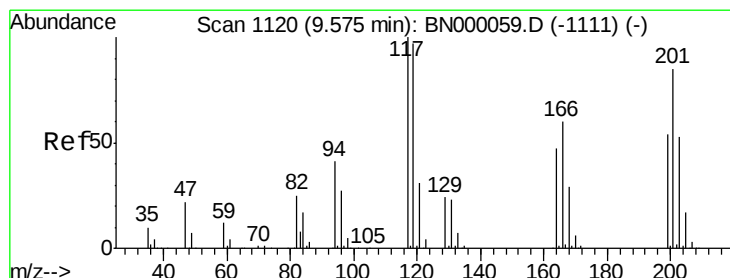
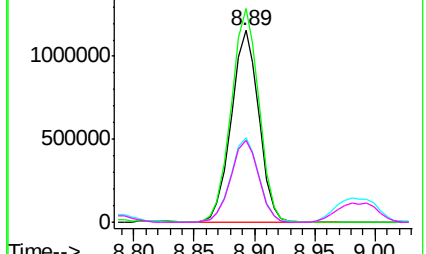
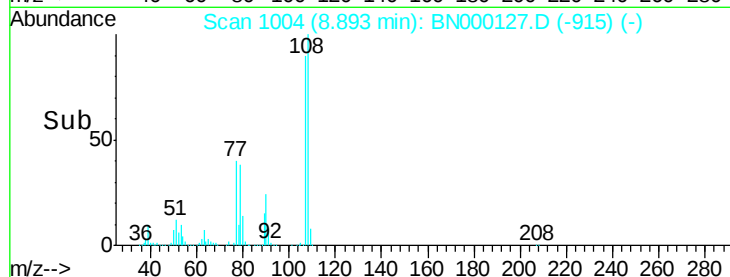


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.145 ng

RT: 9.56 min Scan# 1118

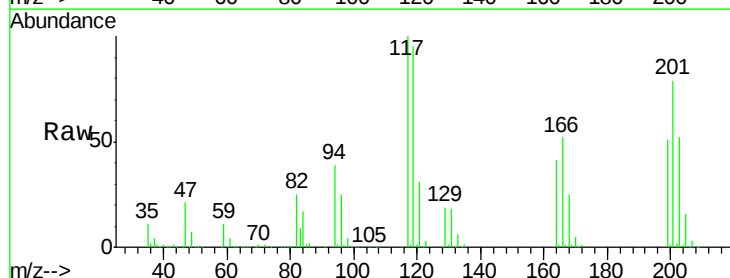
Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Tgt Ion:117 Resp: 615927

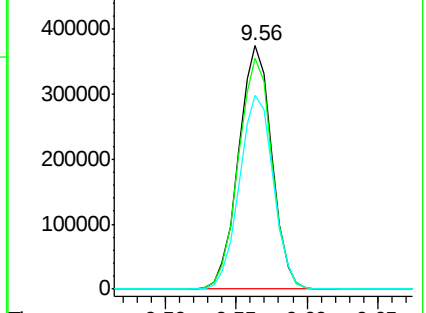
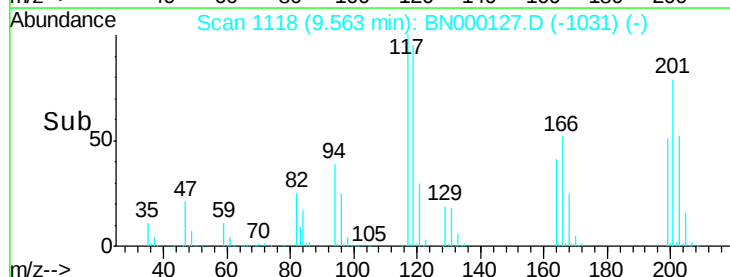
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.7	115.1
201	79.4	95.7	143.5#

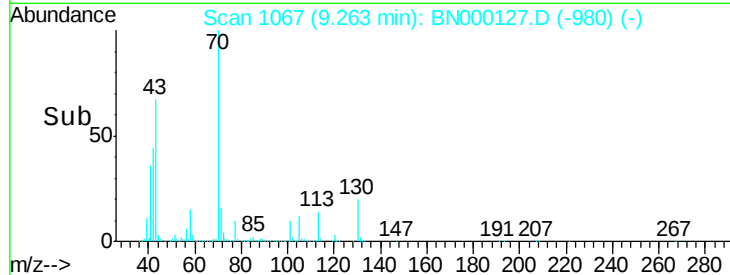
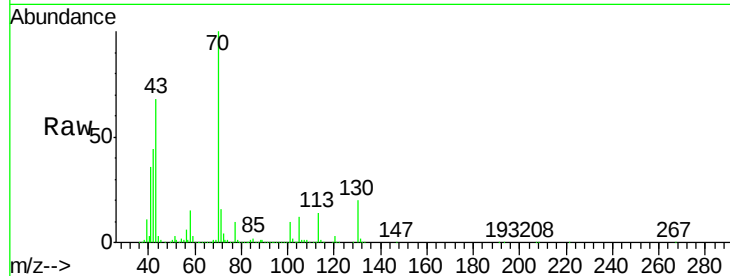
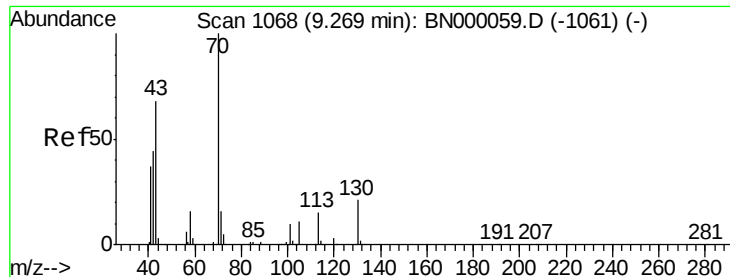


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

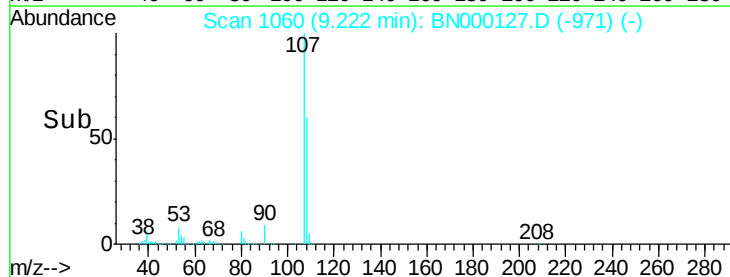
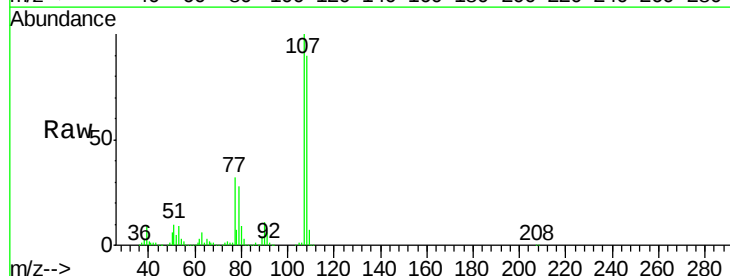
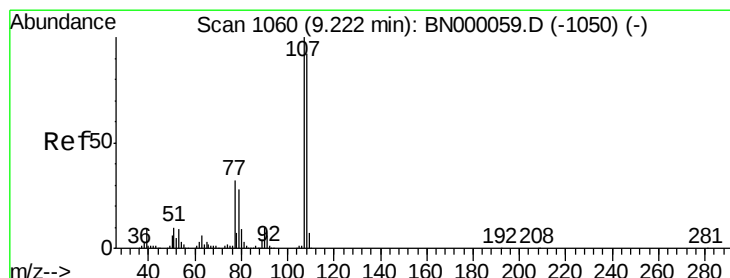
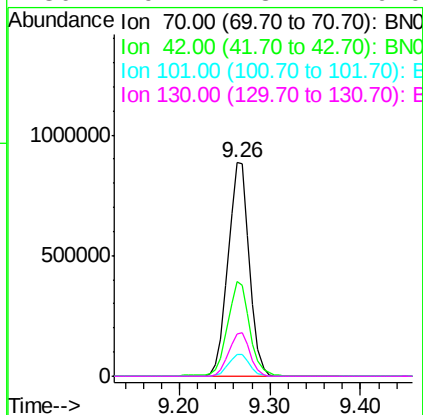




#19
n-Nitroso-di-n-propylamine
Concen: 43.710 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

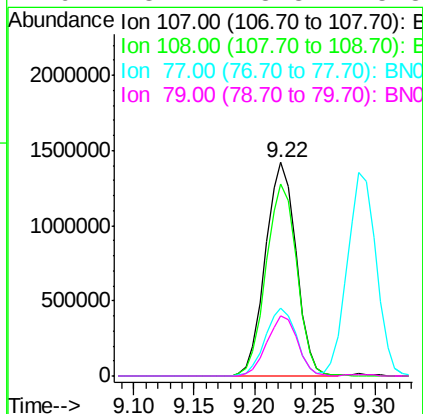
Instrument :
BNA_N
ClientSampleId :
PB106645BS

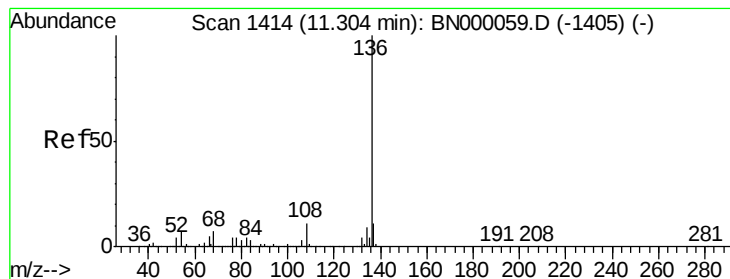
Tot Ion: 70 Resp: 1441027
Ion Ratio Lower Upper
70 100
42 44.3 49.1 73.7#
101 10.0 8.5 12.7
130 19.7 13.4 20.0



#20
3+4-Methylphenols
Concen: 48.317 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:107 Resp: 2494000
Ion Ratio Lower Upper
107 100
108 90.1 61.6 101.6
77 32.0 13.9 53.9
79 28.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

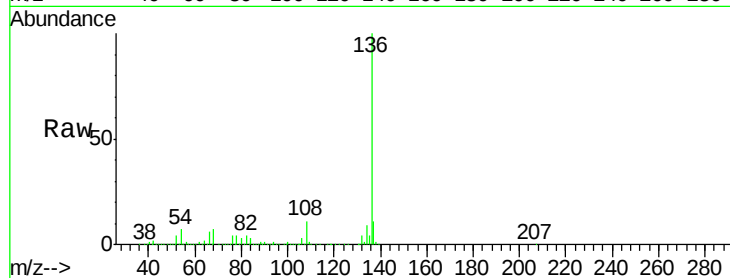
ClientSampleId :

PB106645BS

Tot Ion:136 Resp: 2707287

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.4	10.3	15.5#
68	6.6	4.5	6.7

136	100		
137	10.9	9.2	13.8
54	7.4	10.3	15.5#
68	6.6	4.5	6.7



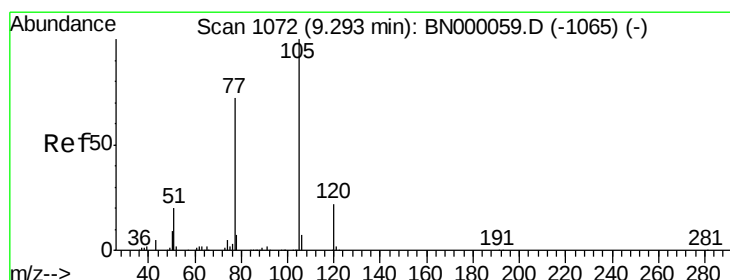
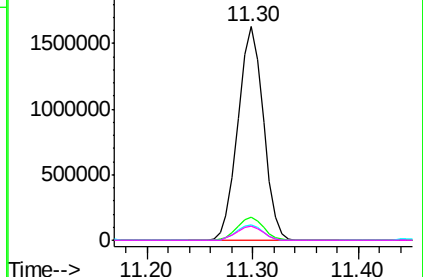
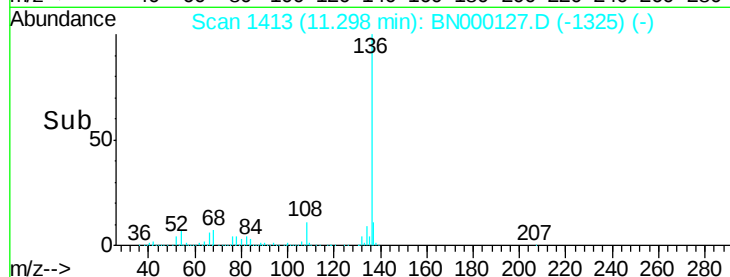
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 38.875 ng

RT: 9.29 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Tgt Ion:105 Resp: 2949218

Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	21.4	26.1	39.1#
120	22.5	17.4	26.2

105	100		
71	1.0	3.0	4.4#
51	21.4	26.1	39.1#
120	22.5	17.4	26.2

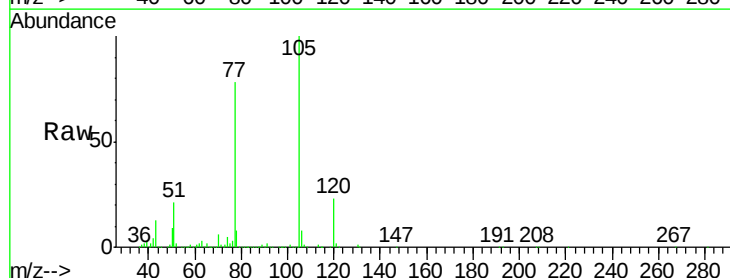
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



Abundance

Scan 1071 (9.287 min): BN000127.D (-984) (-)

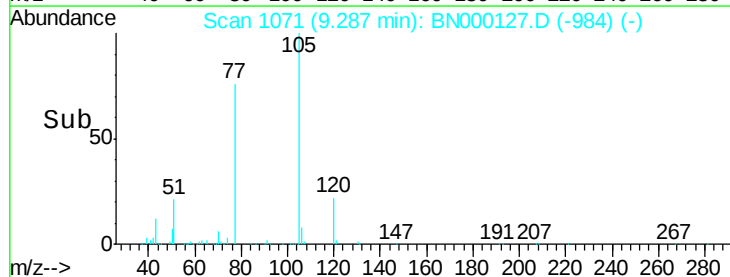
Ion 105.00 (104.70 to 105.70): E

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

Time-->



Abundance

Scan 1071 (9.287 min): BN000127.D (-984) (-)

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

Time-->

Abundance

Scan 1071 (9.287 min): BN000127.D (-984) (-)

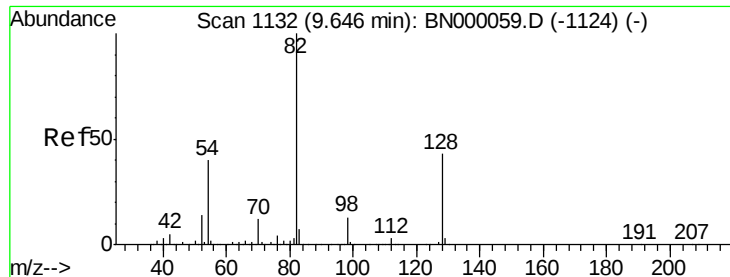
Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 91.902 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

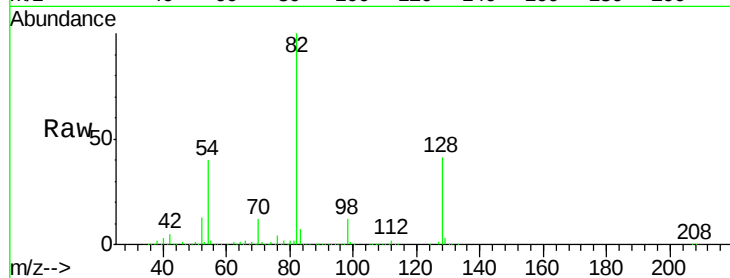
Tot Ion: 82 Resp: 4184700

Ion Ratio Lower Upper

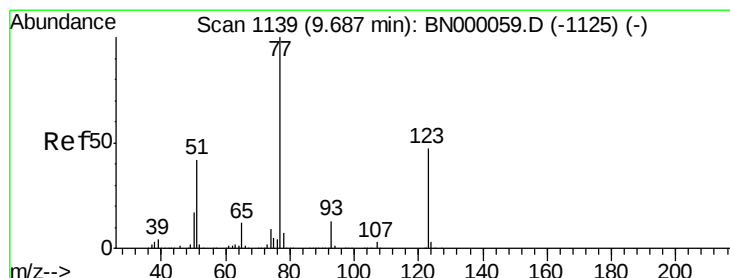
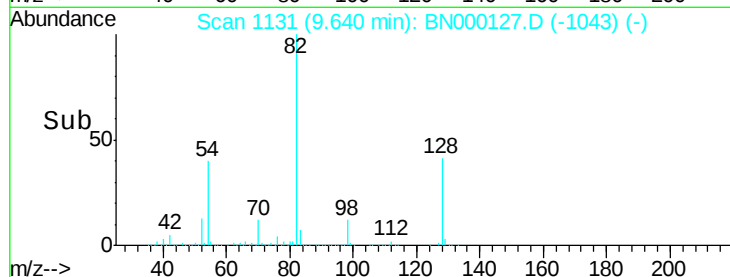
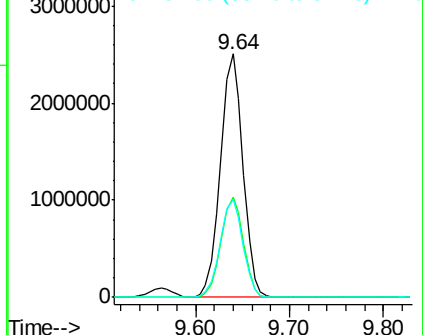
82 100

128 41.4 29.7 44.5

54 40.2 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 43.655 ng

RT: 9.68 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

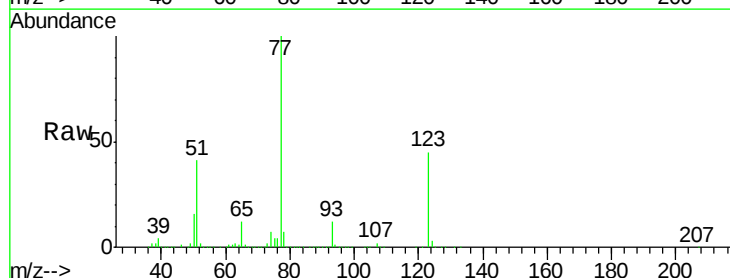
Tgt Ion: 77 Resp: 2173108

Ion Ratio Lower Upper

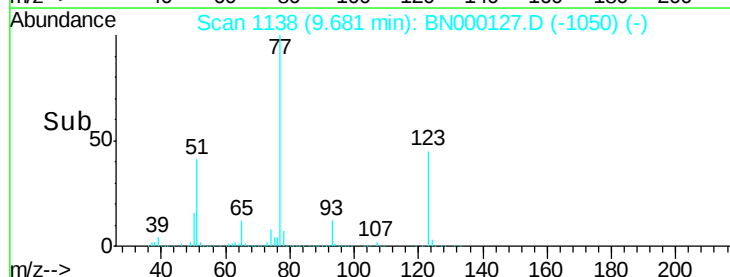
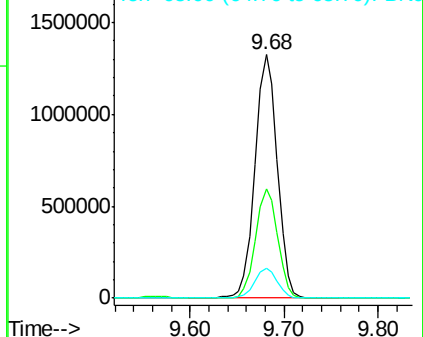
77 100

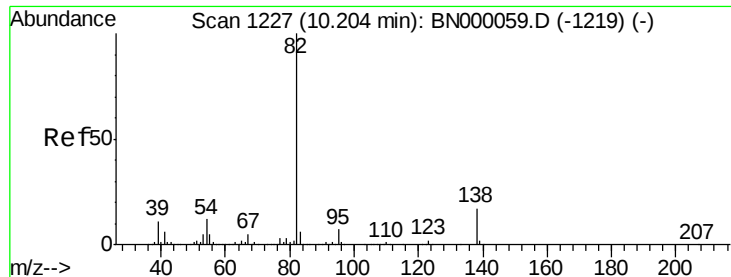
123 44.7 33.0 49.6

65 12.2 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 44.497 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

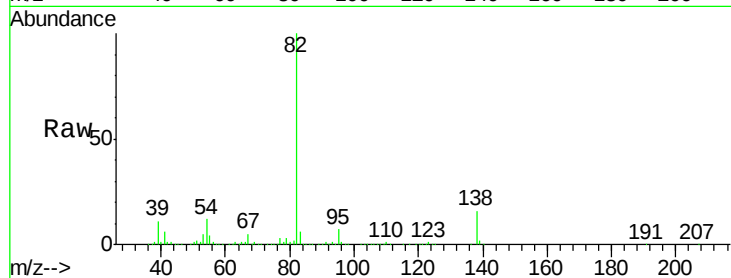
Tot Ion: 82 Resp: 4188316

Ion	Ratio	Lower	Upper
82	100		
95	6.6	6.2	9.2
138	16.3	12.1	18.1

82 100

95 6.6 6.2 9.2

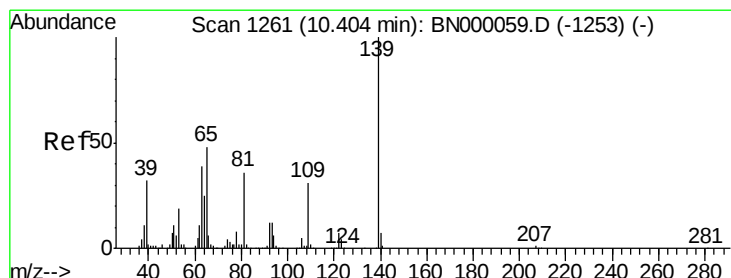
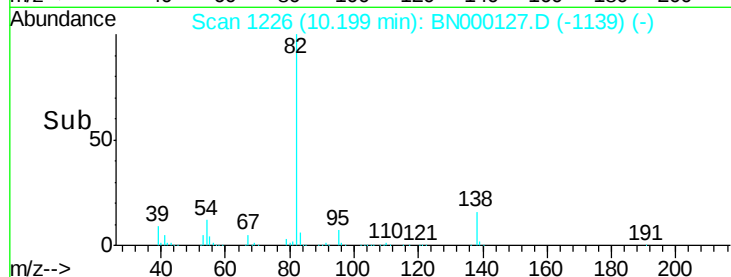
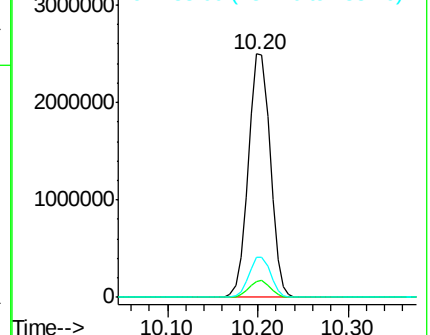
138 16.3 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-1219) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1219) (-)



#26

2-Nitrophenol

Concen: 44.352 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

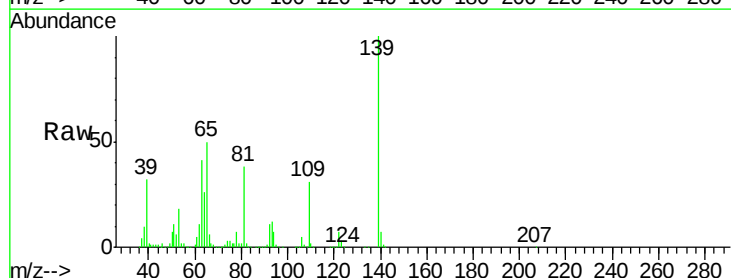
Tgt Ion: 139 Resp: 891633

Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.2	36.2
65	49.7	47.4	71.0

139 100

109 30.7 24.2 36.2

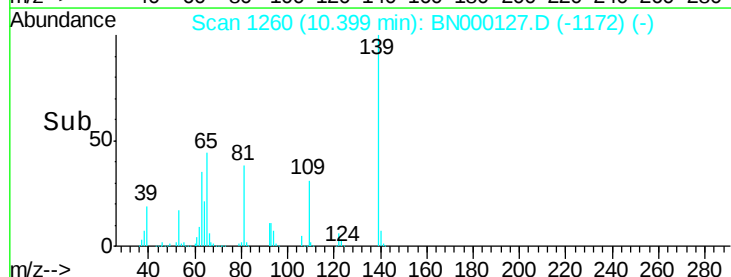
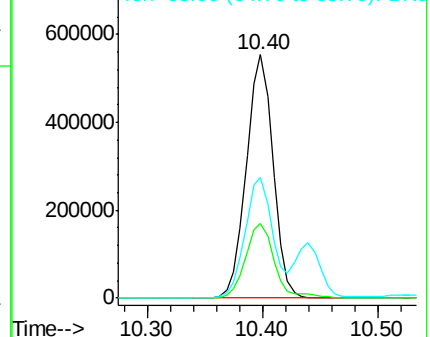
65 49.7 47.4 71.0

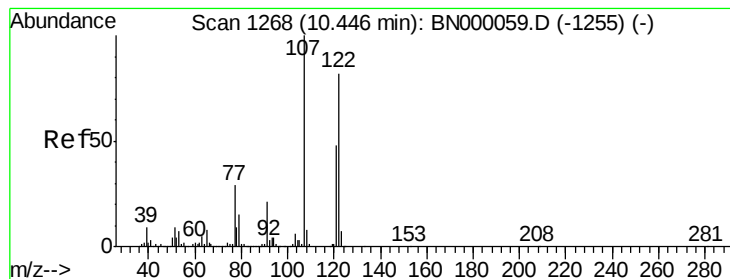


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000059.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000059.D (-1253) (-)





#27

2,4-Dimethylphenol

Concen: 52.630 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

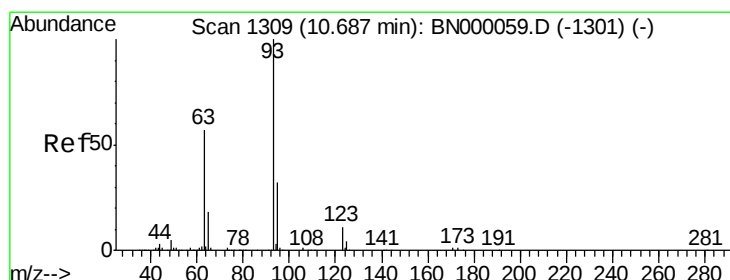
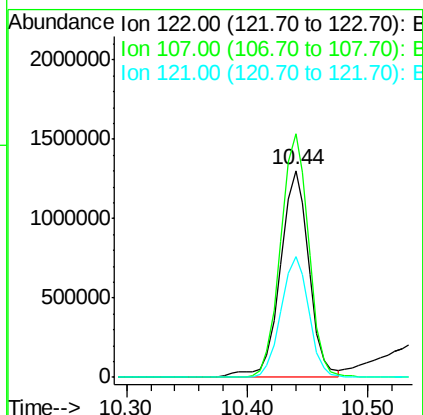
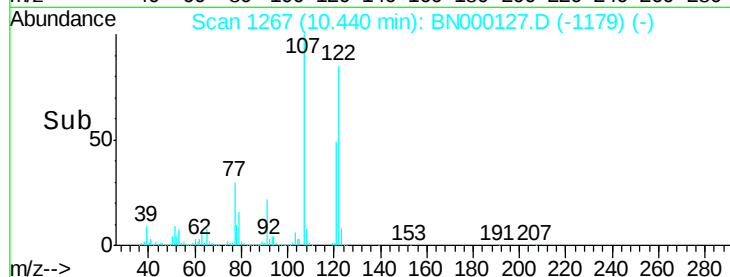
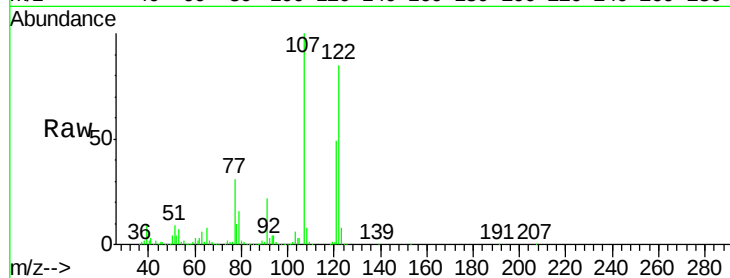
Tot Ion:122 Resp: 2147649

Ion Ratio Lower Upper

122 100

107 117.7 100.2 150.2

121 58.1 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.882 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

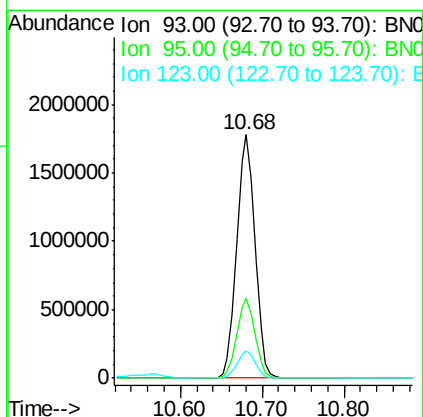
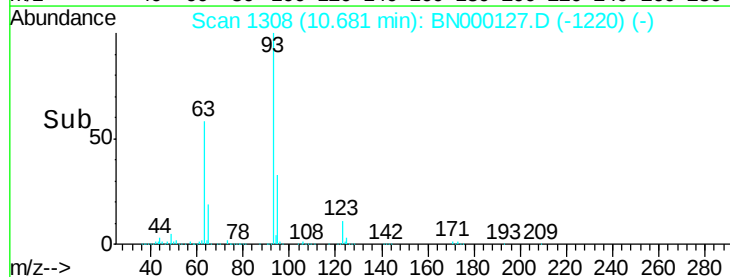
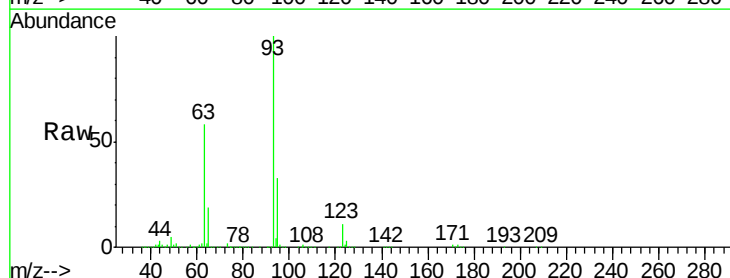
Tgt Ion: 93 Resp: 2769806

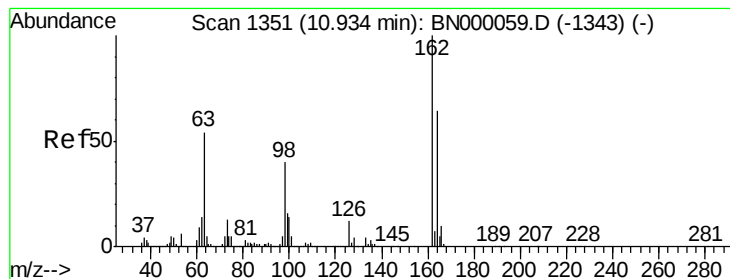
Ion Ratio Lower Upper

93 100

95 32.6 24.3 36.5

123 11.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.463 ng

RT: 10.93 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

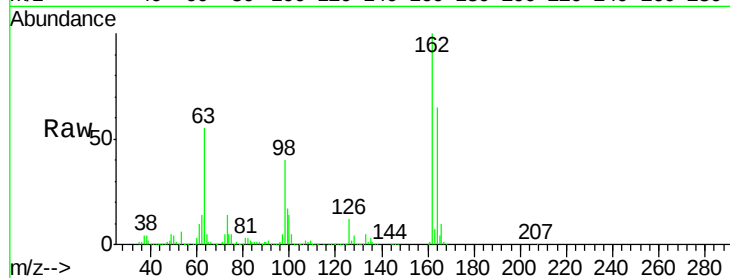
Tot Ion:162 Resp: 1830184

Ion Ratio Lower Upper

162 100

164 65.3 48.0 88.0

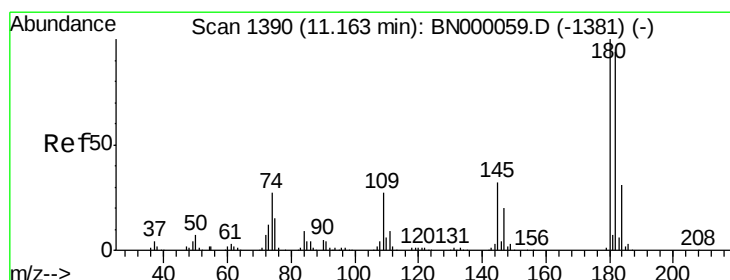
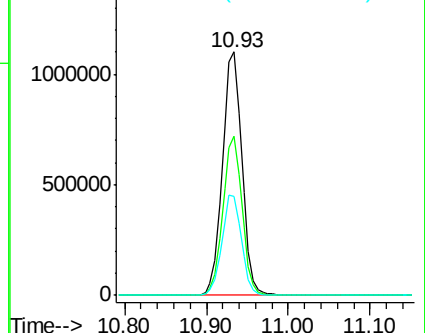
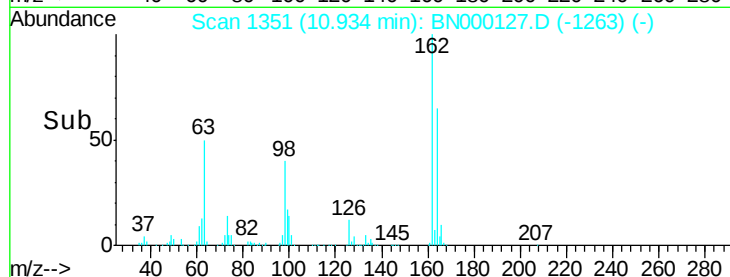
98 40.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 37.319 ng

RT: 11.16 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

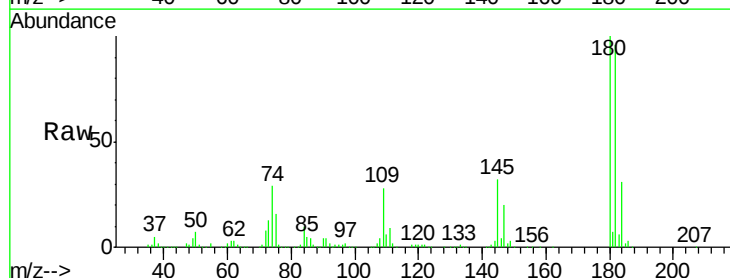
Tgt Ion:180 Resp: 1623004

Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

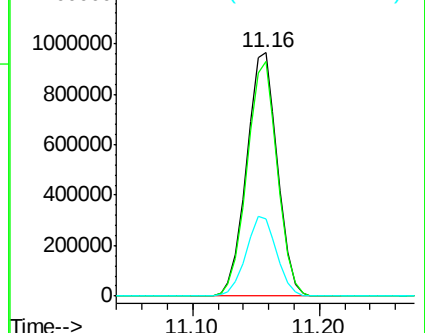
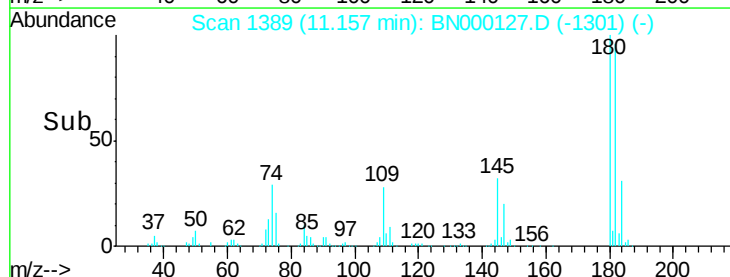
145 31.7 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.992 ng

RT: 11.35 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

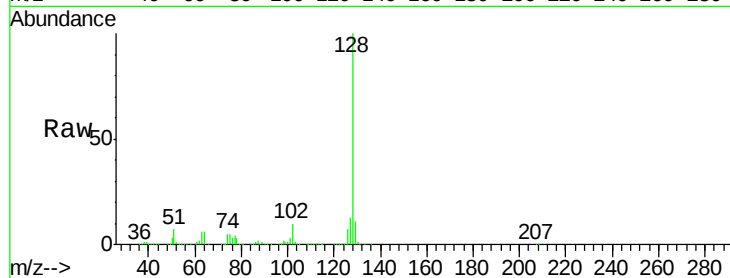
Tot Ion:128 Resp: 5787282

Ion Ratio Lower Upper

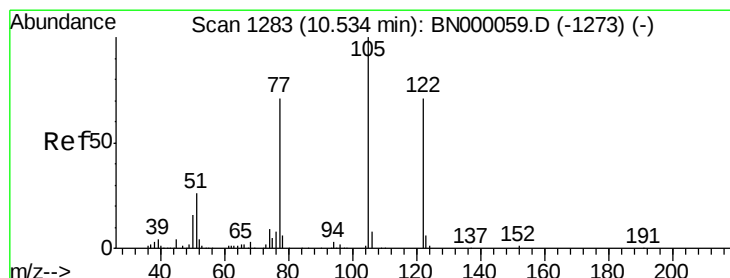
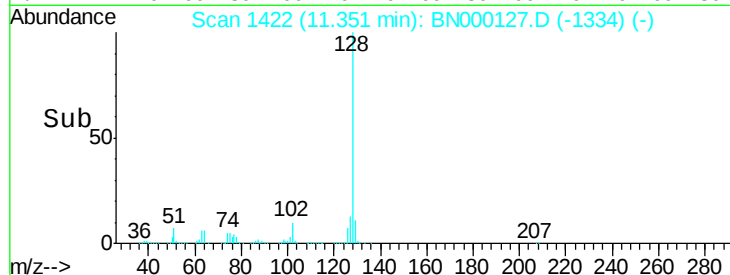
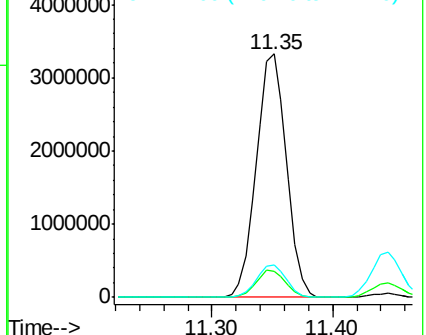
128 100

129 10.8 8.6 12.8

127 13.4 11.6 17.4



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



#32

Benzoic acid

Concen: 43.735 ng

RT: 10.57 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

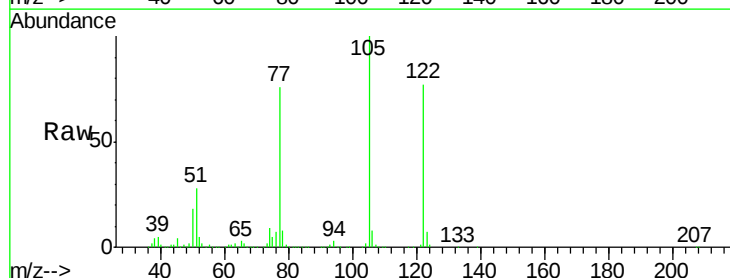
Tgt Ion:122 Resp: 1288759

Ion Ratio Lower Upper

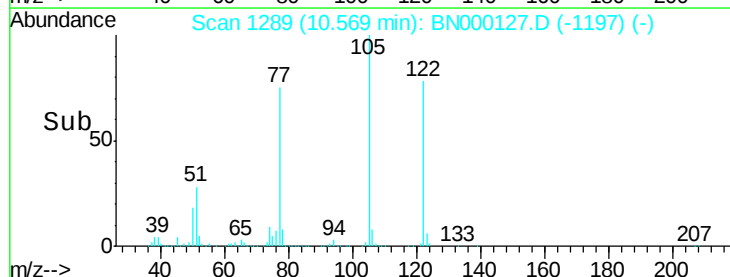
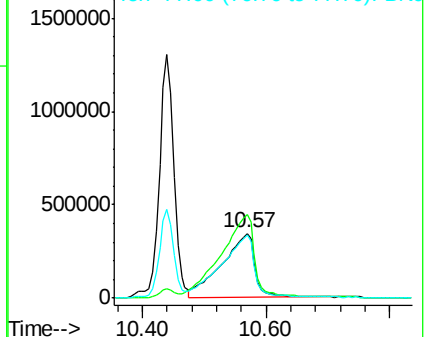
122 100

105 129.0 123.5 163.5

77 97.6 85.7 125.7



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

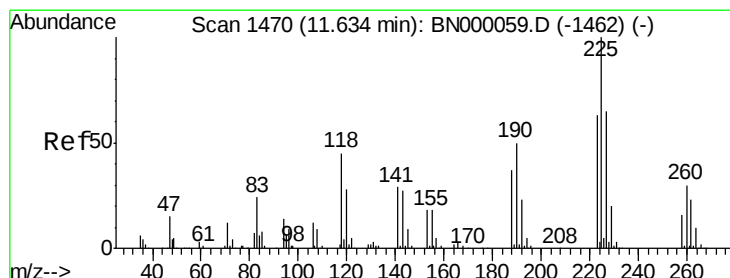
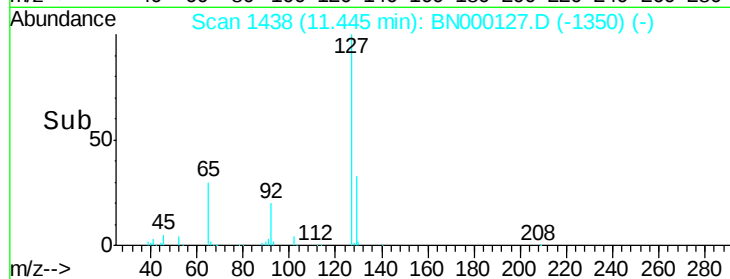
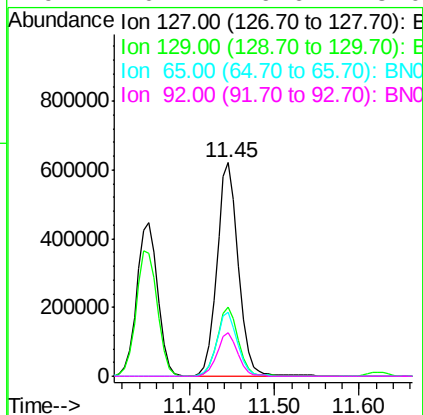
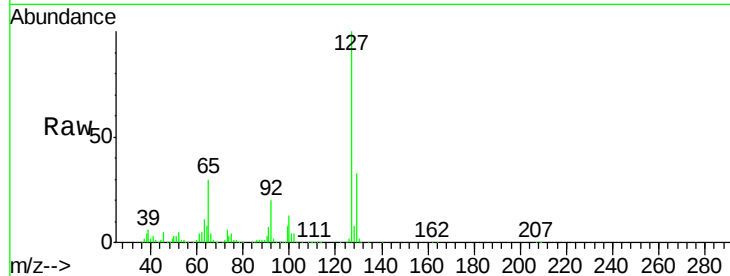




#33
4-Chloroaniline
Concen: 16.779 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

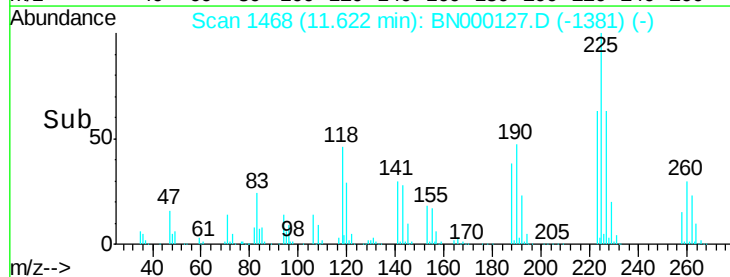
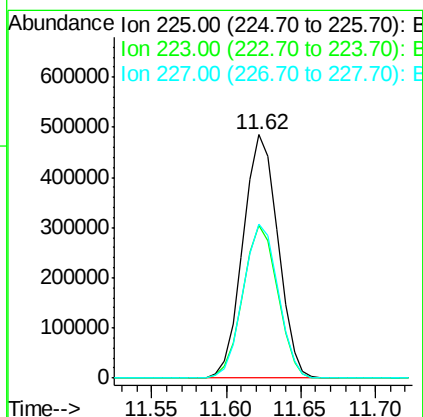
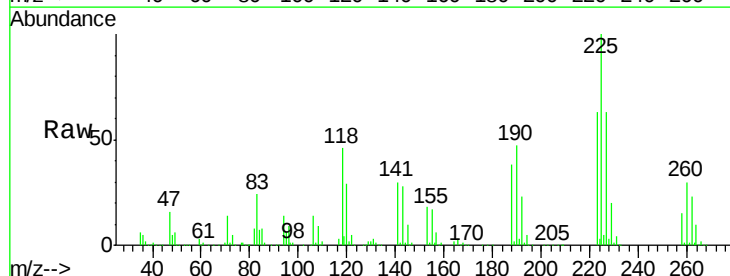
Instrument :
BNA_N
ClientSampleId :
PB106645BS

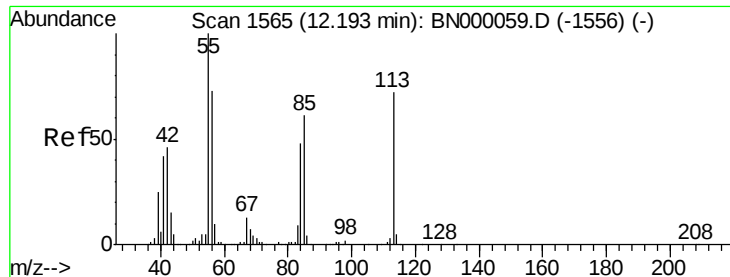
Tot Ion:127	Resp: 1094028
Ion Ratio	Lower Upper
127 100	
129 32.5	24.0 36.0
65 30.1	27.0 40.4
92 20.2	16.6 25.0



#34
Hexachlorobutadiene
Concen: 34.858 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion	225	Resp: 786087	
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.1	48.1	72.1

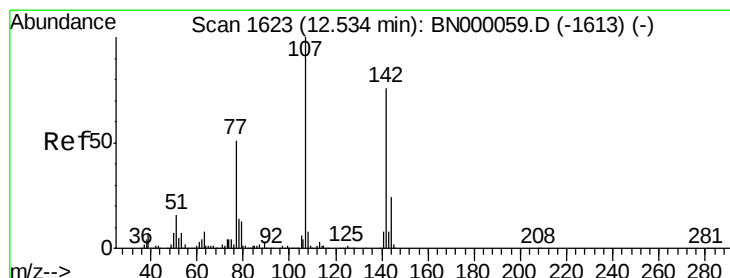
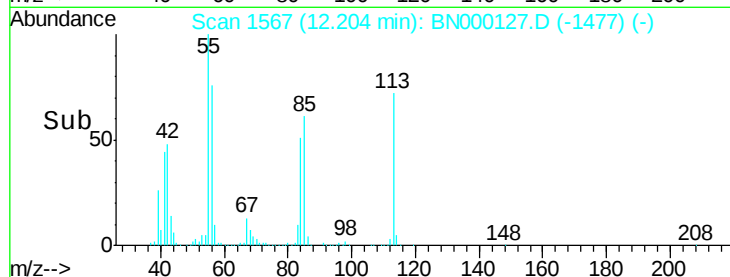
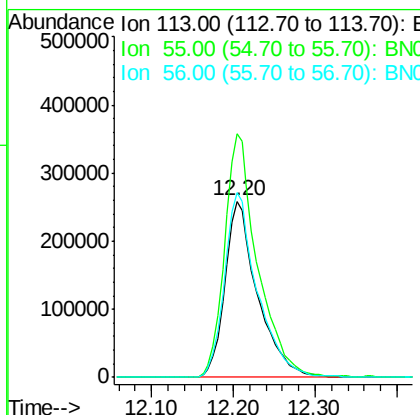
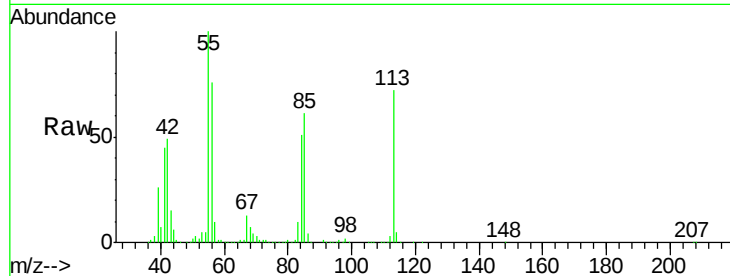




#35
 Caprolactam
 Concen: 43.818 ng
 RT: 12.20 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

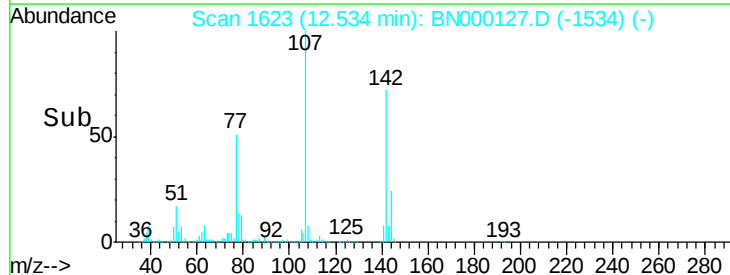
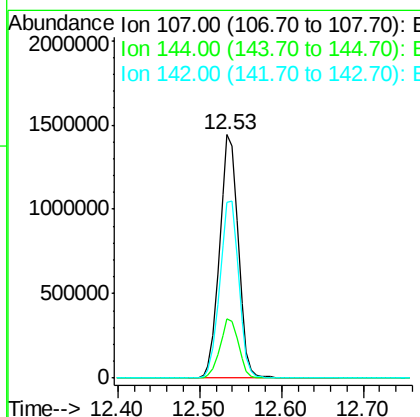
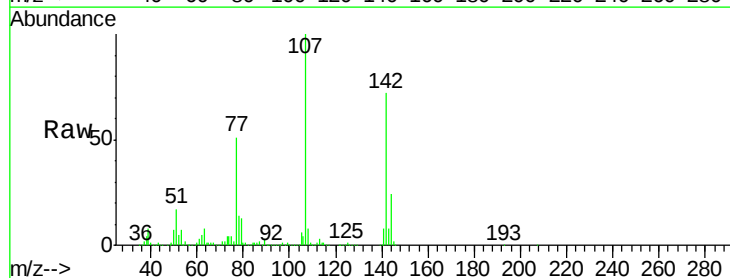
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

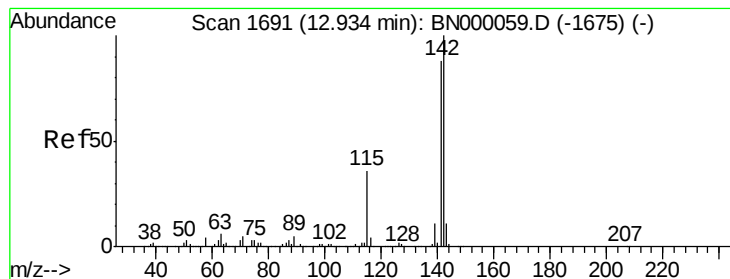
Tot Ion:113 Resp: 717007
 Ion Ratio Lower Upper
 113 100
 55 138.0 120.0 160.0
 56 105.0 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.067 ng
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:107 Resp: 2304585
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.2 27.4
 142 72.4 59.0 88.4

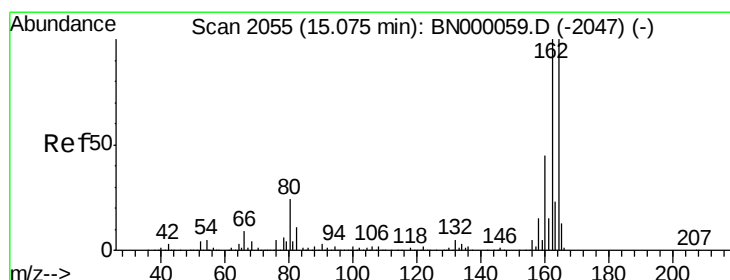
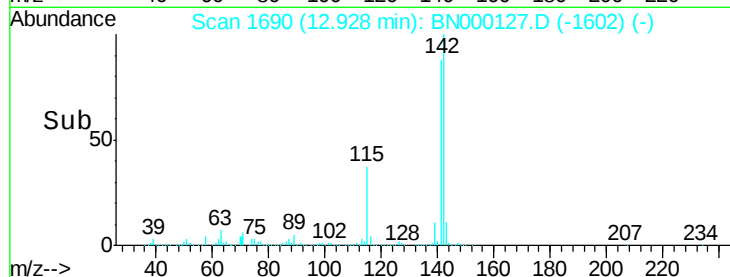
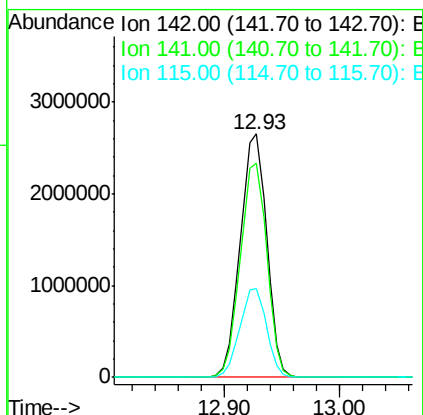
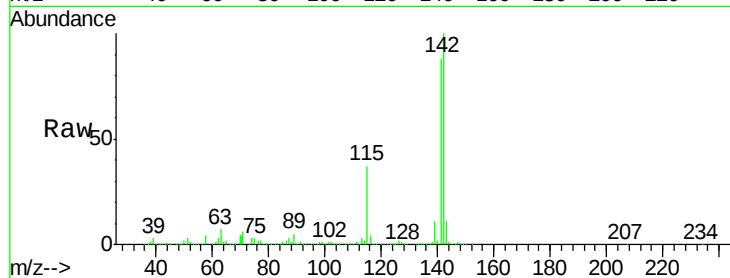




#37
2-Methylnaphthalene
Concen: 41.043 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

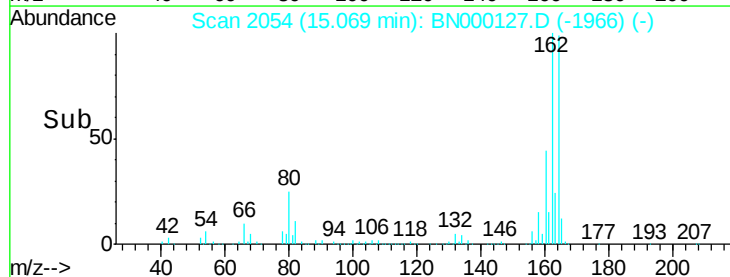
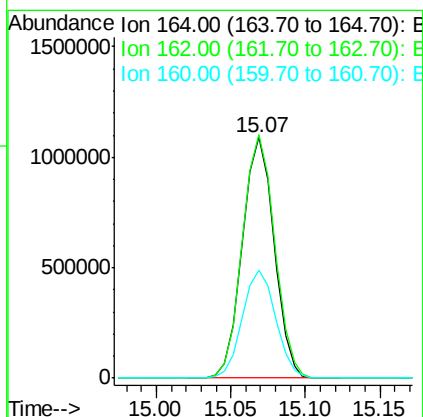
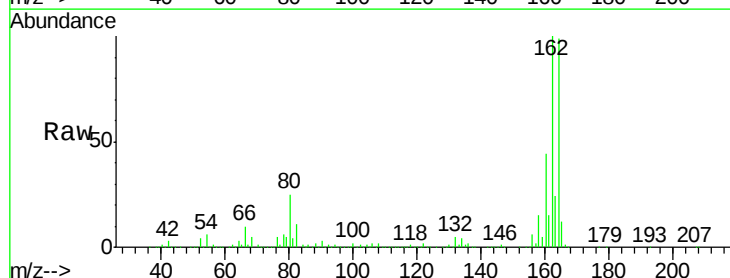
Instrument :
BNA_N
ClientSampleId :
PB106645BS

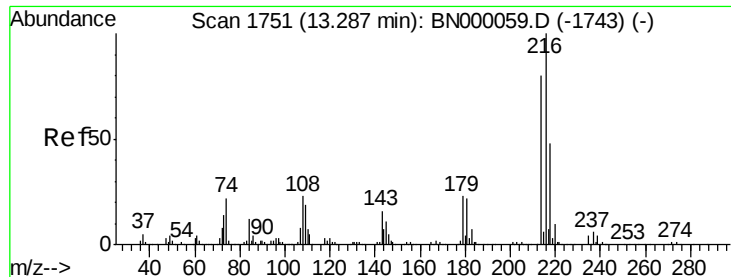
Tot Ion:142 Resp: 4238540
Ion Ratio Lower Upper
142 100
141 88.1 67.1 100.7
115 36.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:164 Resp: 1605163
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 44.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.394 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

Tot Ion:216 Resp: 1771688

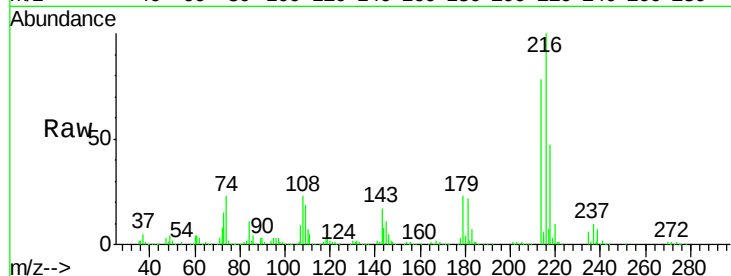
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	23.1	17.0	25.6
108	27.4	12.8	19.2

216 100

214 78.6 63.0 94.4

179 23.1 17.0 25.6

108 27.4 12.8 19.2

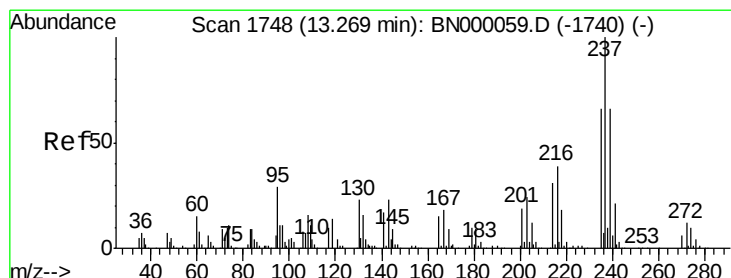
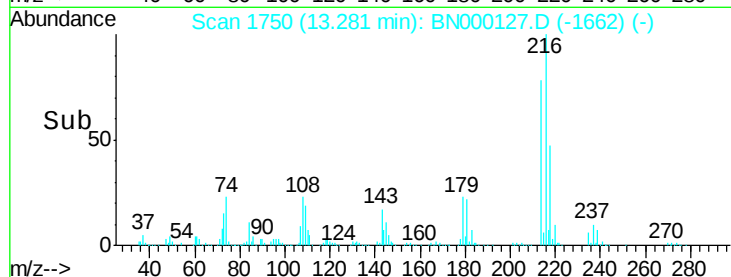
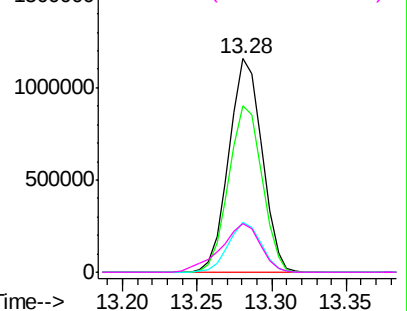


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.636 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

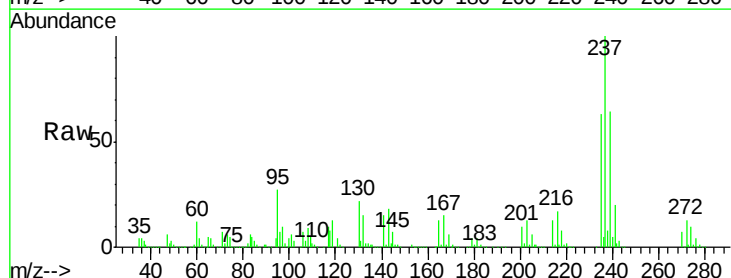
Tgt Ion:237 Resp: 1790064

Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	13.1	0.0	31.8

237 100

235 62.9 50.4 90.4

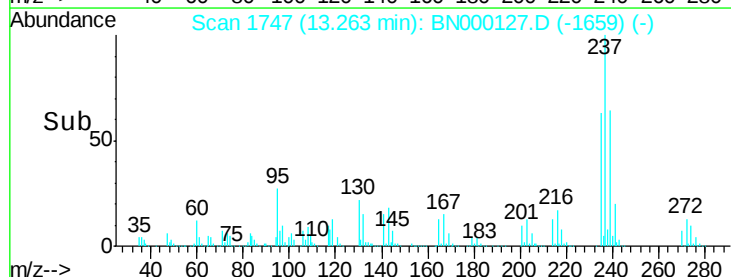
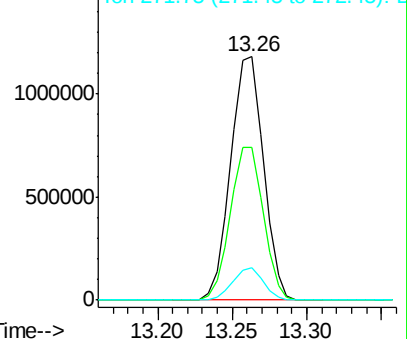
272 13.1 0.0 31.8

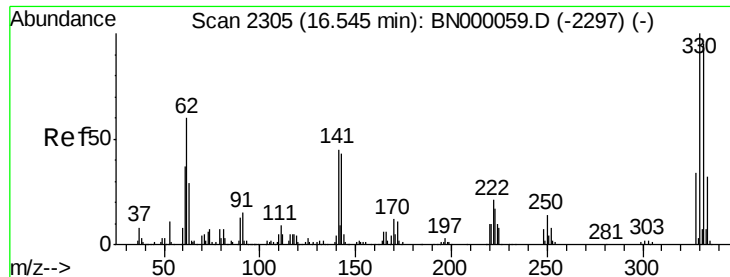


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

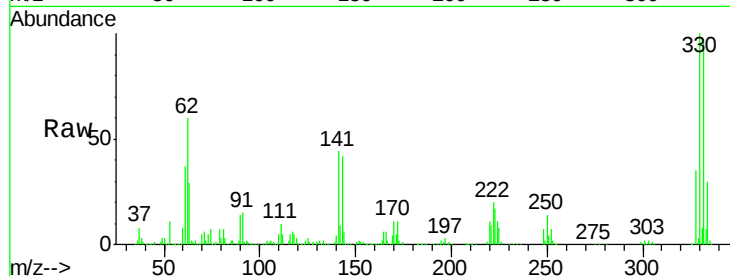




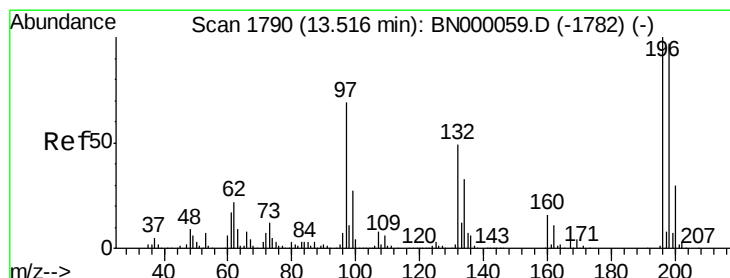
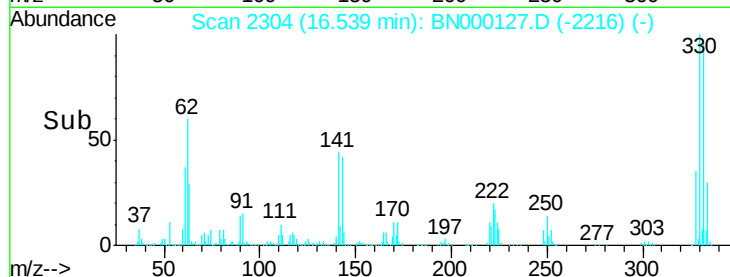
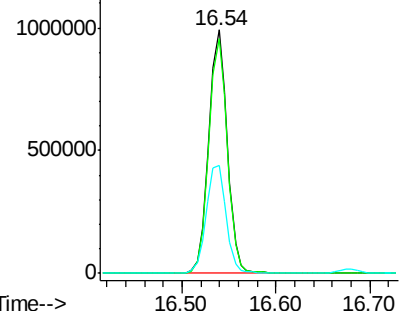
#41
 2,4,6-Tribromophenol
 Concen: 86.133 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:330 Resp: 1368547
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 47.7 25.2 37.8#

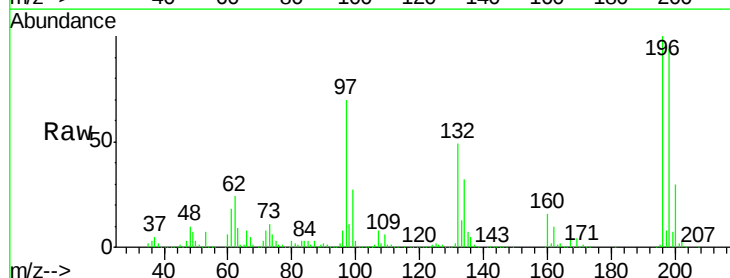


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

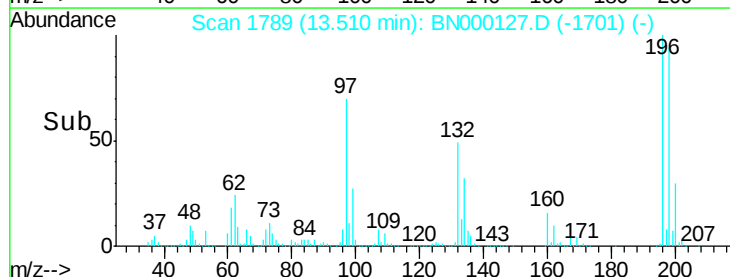
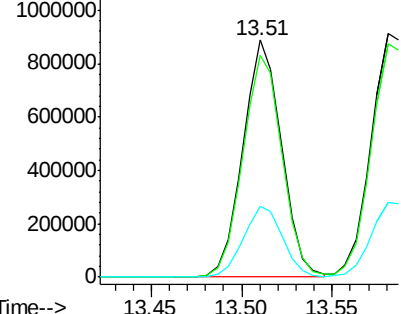


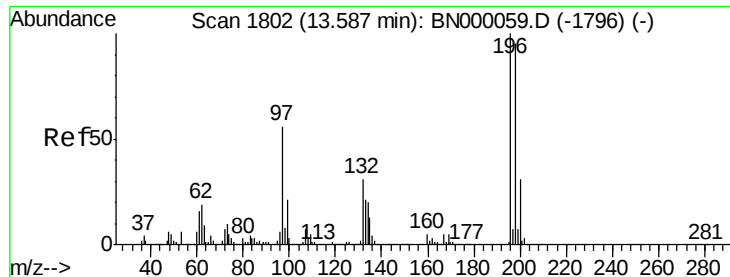
#42
 2,4,6-Trichlorophenol
 Concen: 46.228 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:196 Resp: 1312717
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.2 117.2
 200 30.1 24.6 36.8



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

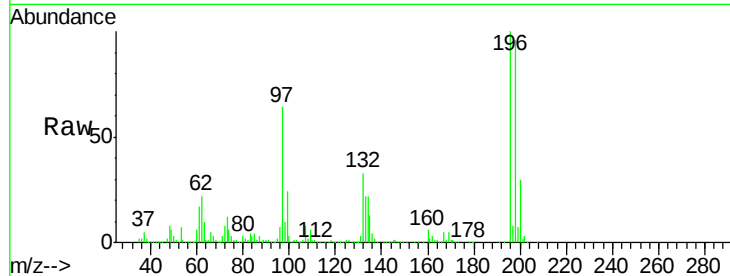




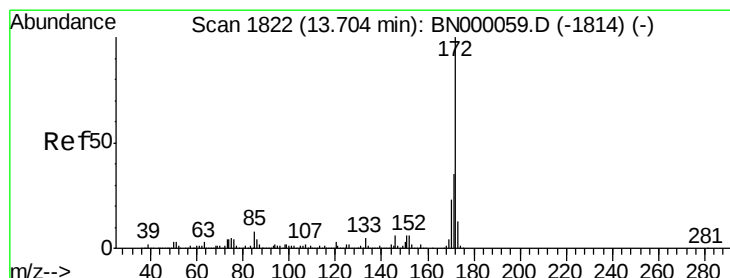
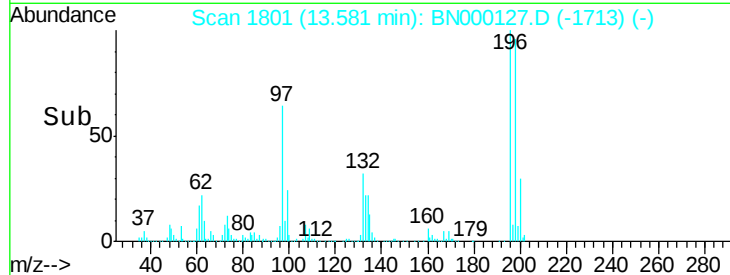
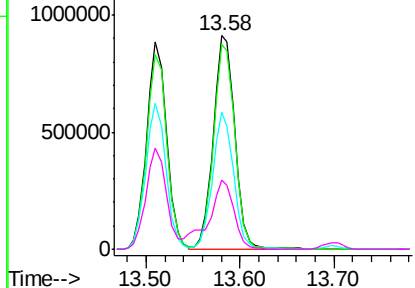
#43
 2,4,5-Trichlorophenol
 Concen: 42.906 ng
 RT: 13.58 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:196 Resp: 1464680
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 63.9 38.7 58.1#
 132 32.5 20.2 30.2#

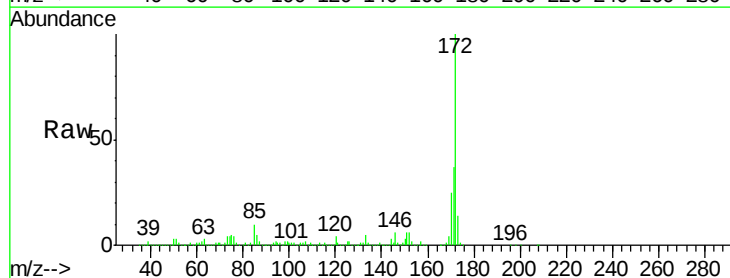


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

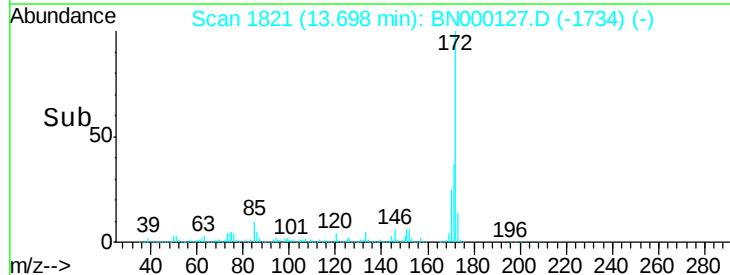
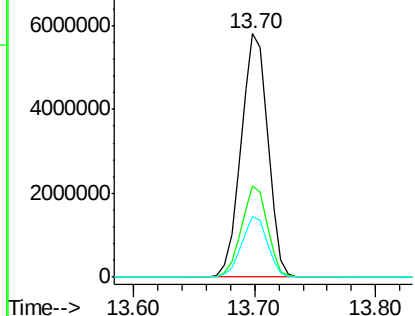


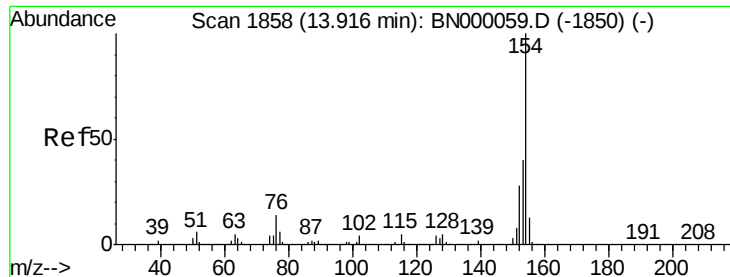
#44
 2-Fluorobiphenyl
 Concen: 78.885 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:172 Resp: 8984159
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.8 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

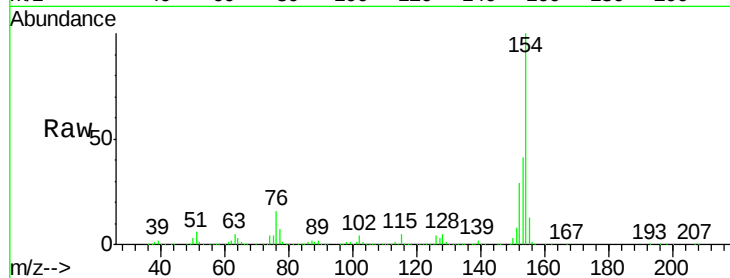




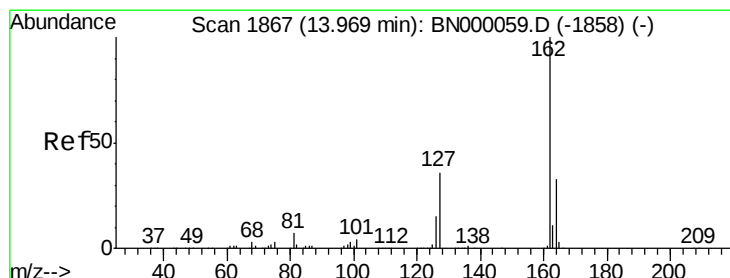
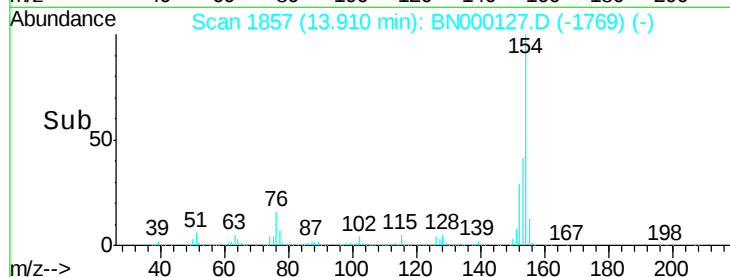
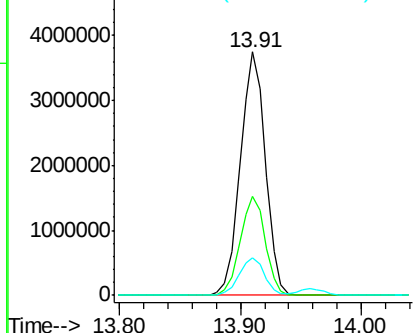
#45
 1,1'-Biphenyl
 Concen: 38.220 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:154 Resp: 5403173
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.8 59.8
 76 15.6 0.0 31.9

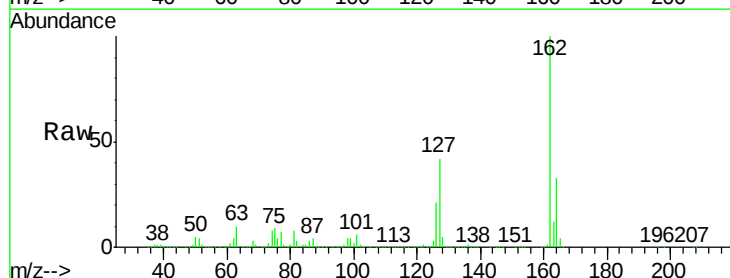


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

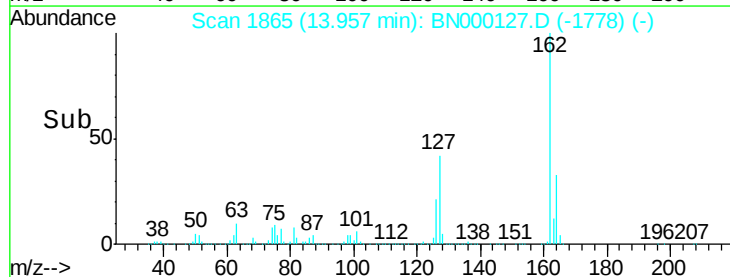
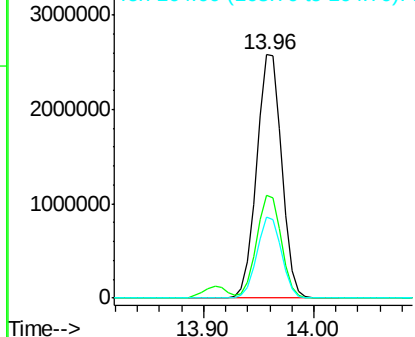


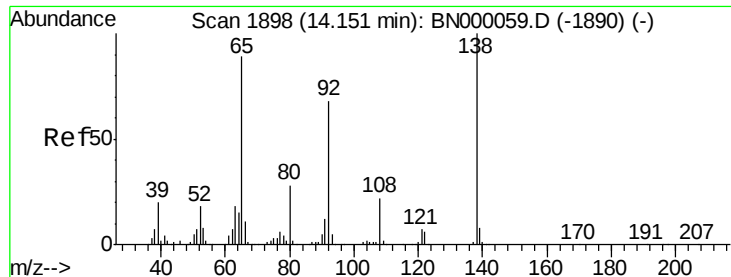
#46
 2-Chloronaphthalene
 Concen: 38.701 ng
 RT: 13.96 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:162 Resp: 4105265
 Ion Ratio Lower Upper
 162 100
 127 42.2 30.7 46.1
 164 33.2 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

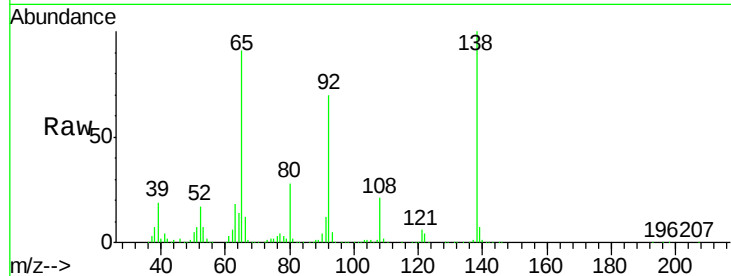




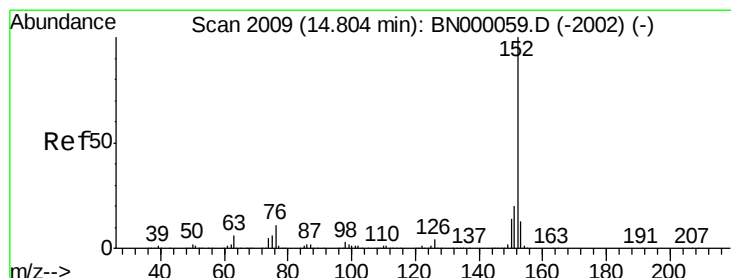
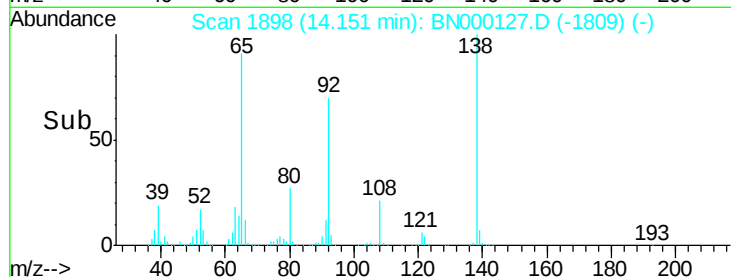
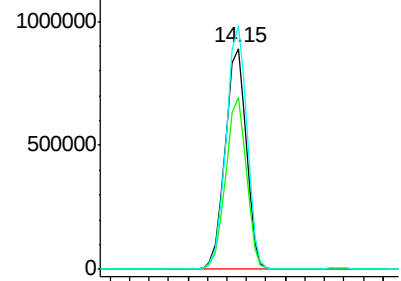
#47
2-Nitroaniline
Concen: 43.806 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Instrument :
BNA_N
ClientSampleId :
PB106645BS

Tot Ion: 65 Resp: 1348142
Ion Ratio Lower Upper
65 100
92 77.6 54.6 82.0
138 110.3 72.9 109.3#

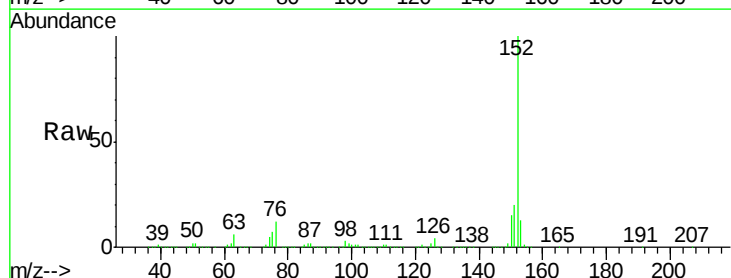


Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): BNC

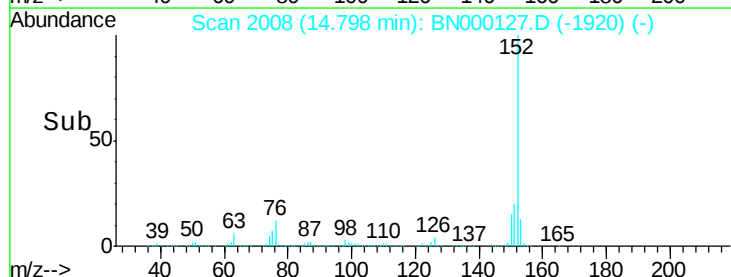
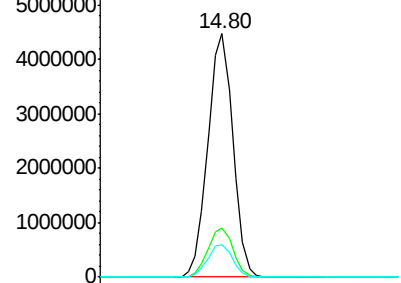


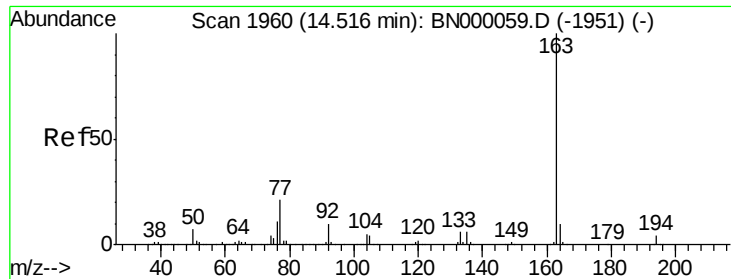
#48
Acenaphthylene
Concen: 39.149 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion: 152 Resp: 6690496
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.3 10.2 15.4



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





#49

Dimethylphthalate

Concen: 39.173 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

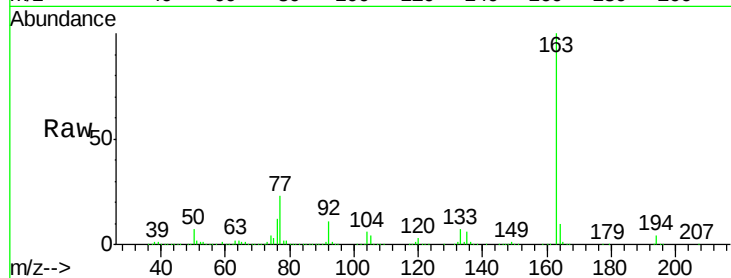
Tot Ion:163 Resp: 5256281

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

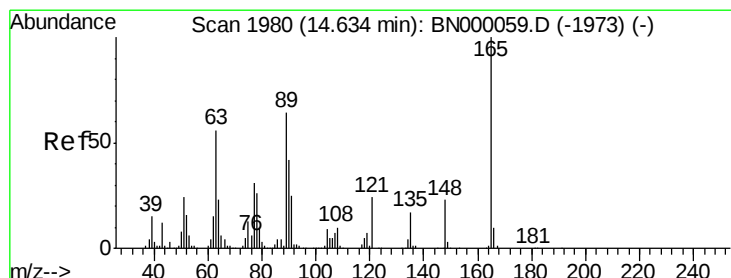
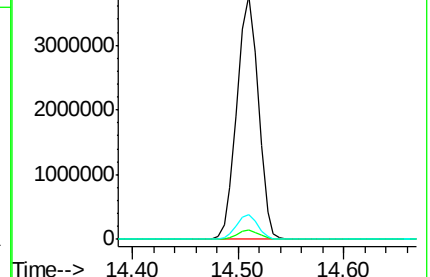
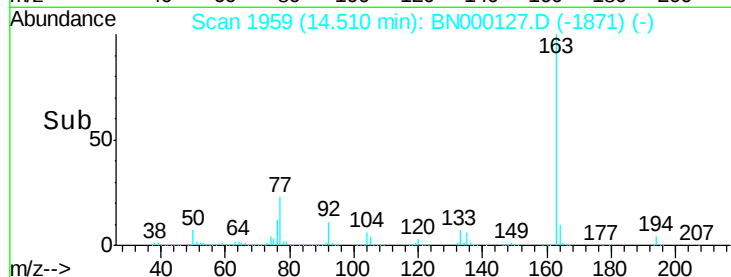
164 10.3 8.2 12.4



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: 41.883 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

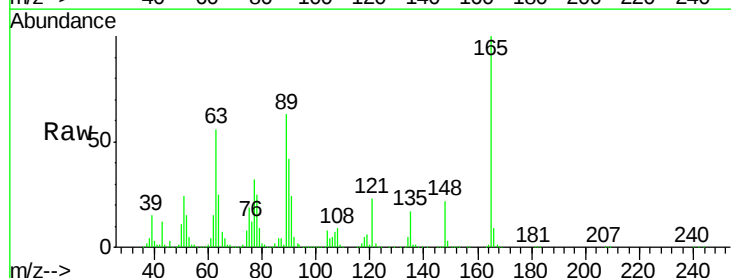
Tgt Ion:165 Resp: 1160162

Ion Ratio Lower Upper

165 100

63 55.7 52.7 79.1

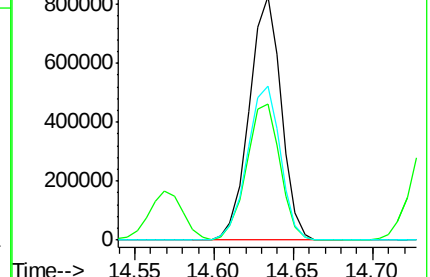
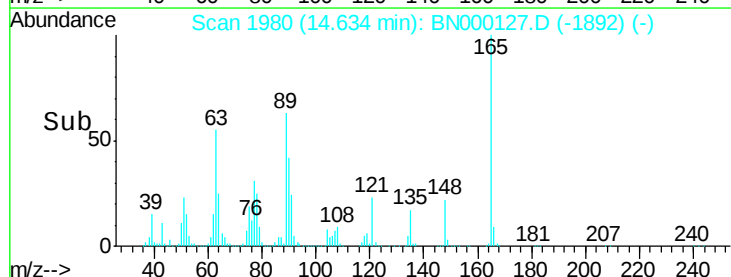
89 63.1 49.2 73.8

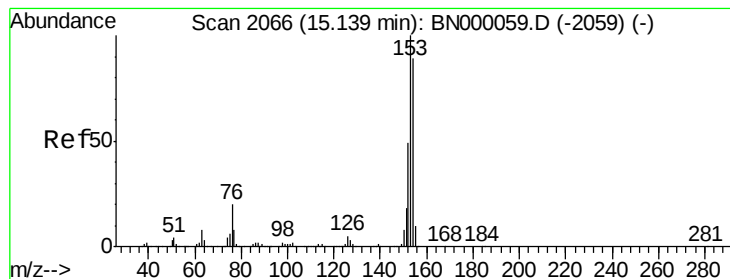


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 42.163 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

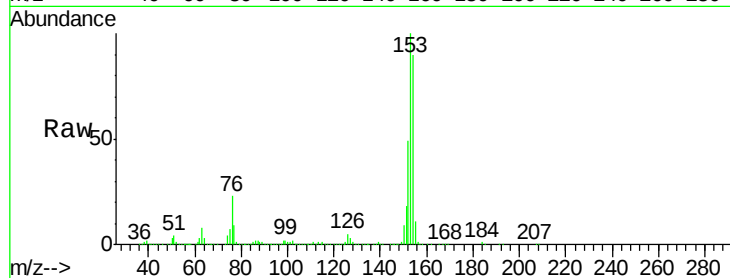
Tot Ion:154 Resp: 4690418

Ion Ratio Lower Upper

154 100

153 111.1 90.4 135.6

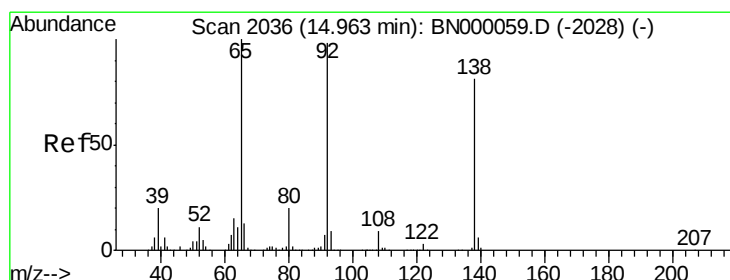
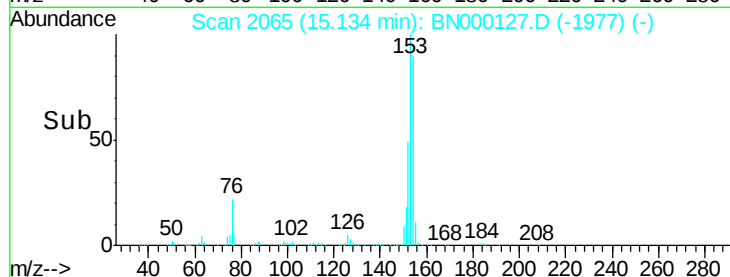
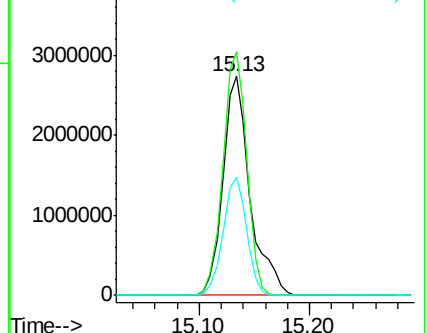
152 54.1 41.6 62.4



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: 23.682 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

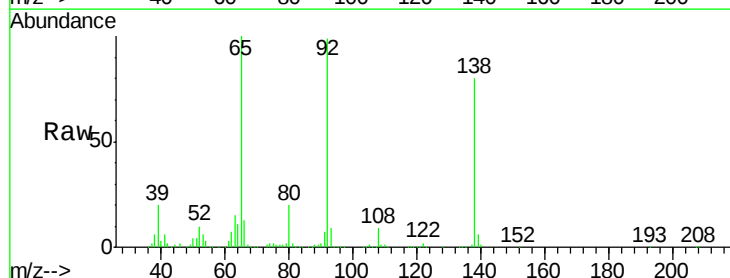
Tgt Ion:138 Resp: 797404

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

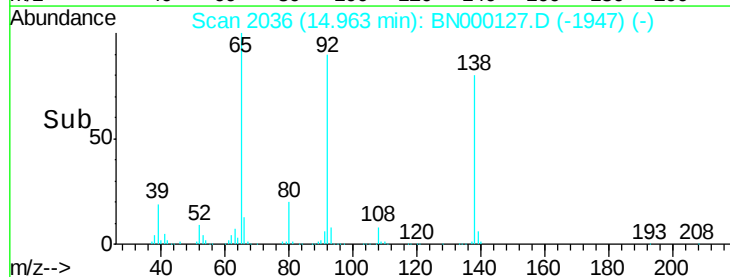
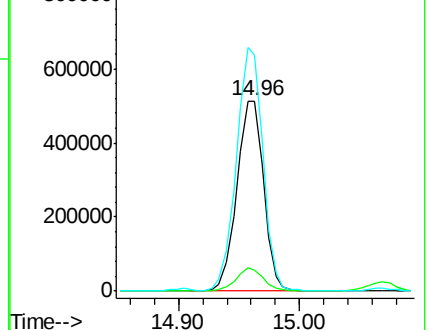
92 124.0 105.8 158.8

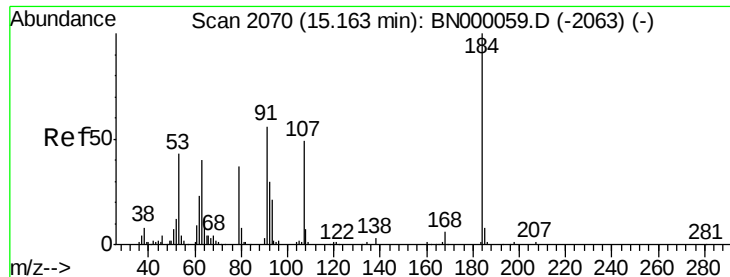


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

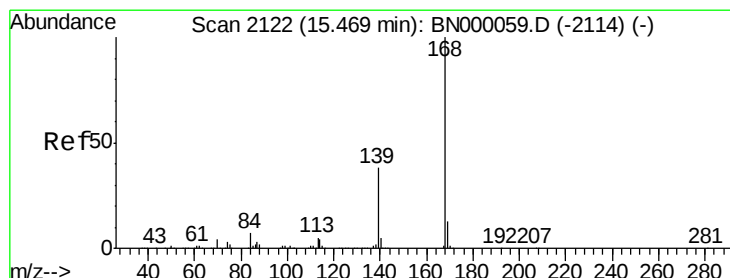
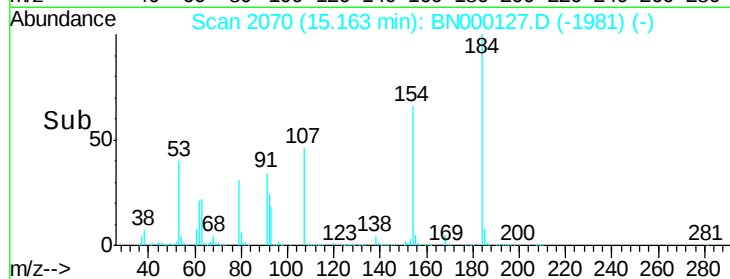
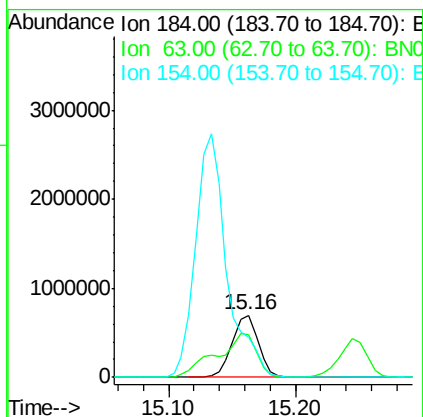
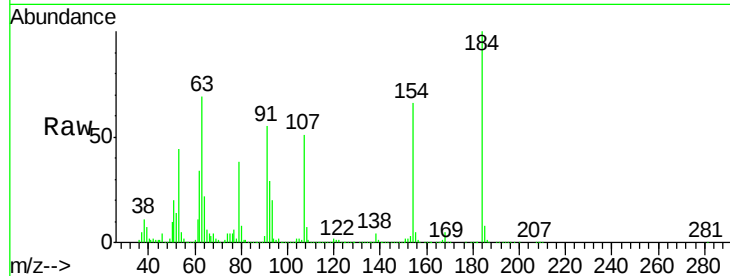




#53
 2,4-Dinitrophenol
 Concen: 98.129 ng
 RT: 15.16 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

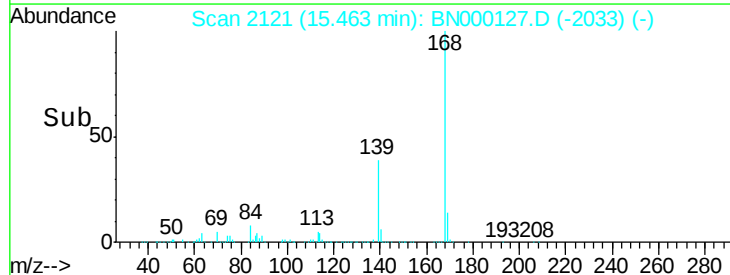
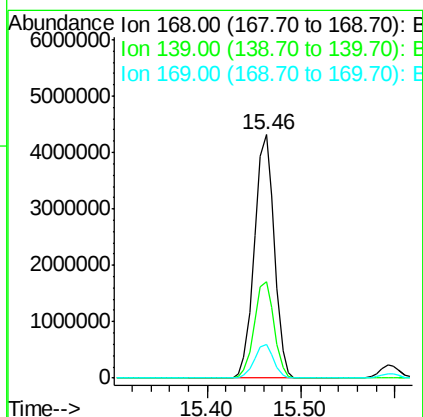
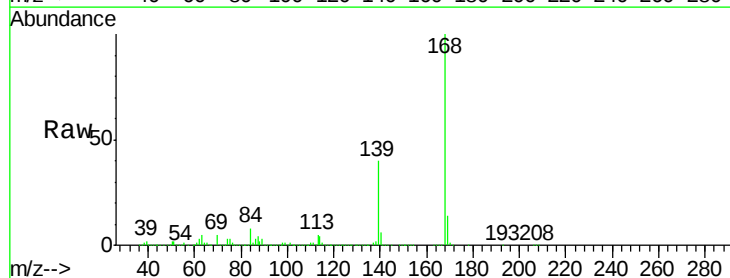
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

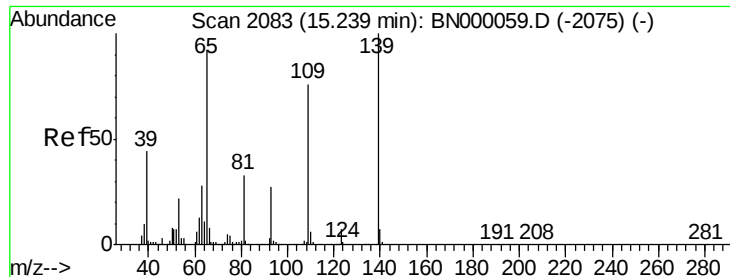
Tot Ion:184 Resp: 987320
 Ion Ratio Lower Upper
 184 100
 63 68.8 80.0 120.0#
 154 65.8 308.0 462.0#



#54
 Dibenzofuran
 Concen: 39.933 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:168 Resp: 6291362
 Ion Ratio Lower Upper
 168 100
 139 39.6 28.6 43.0
 169 13.7 11.2 16.8

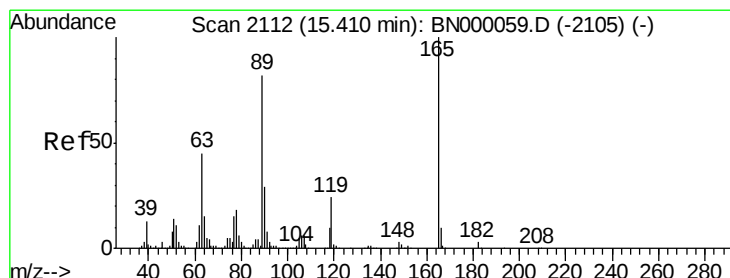
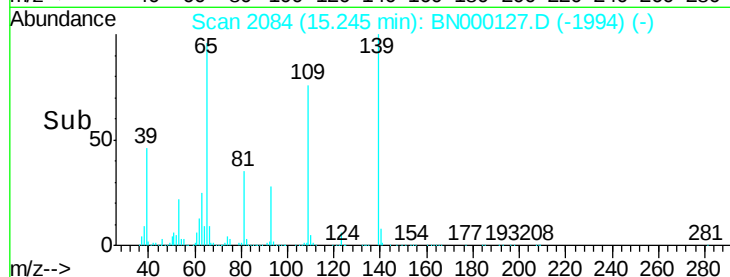
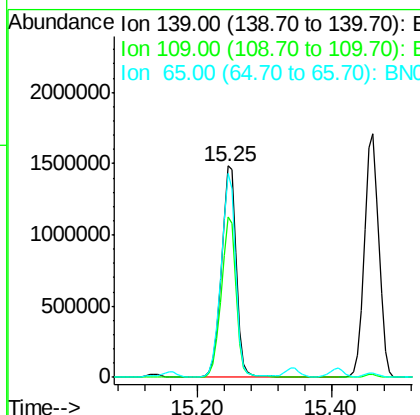
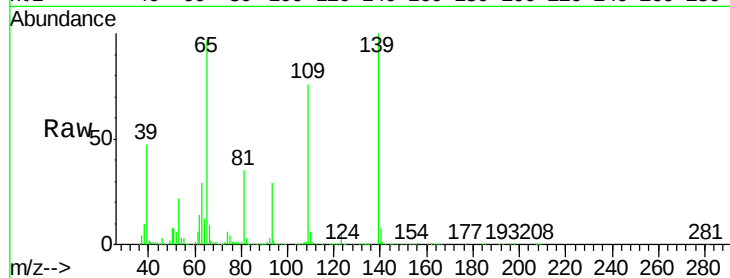




#55
4-Nitrophenol
Concen: 84.647 ng
RT: 15.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

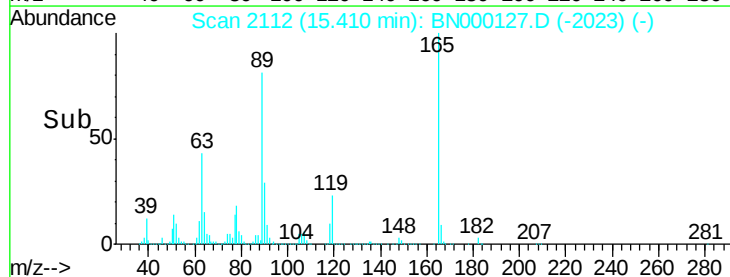
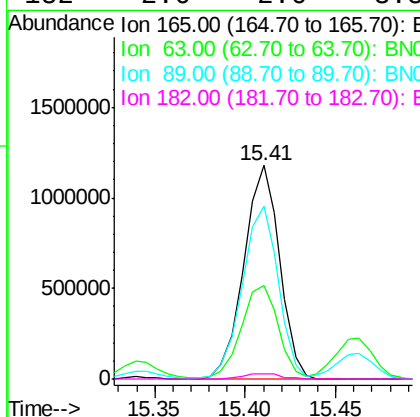
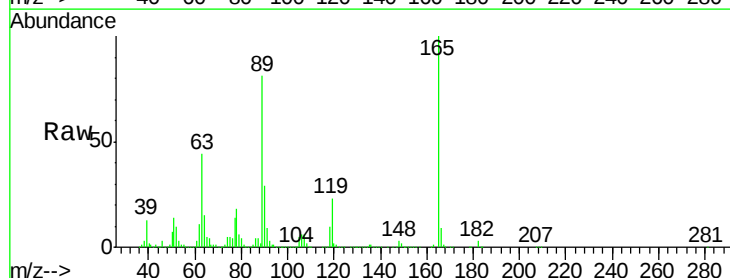
Instrument :
BNA_N
ClientSampleId :
PB106645BS

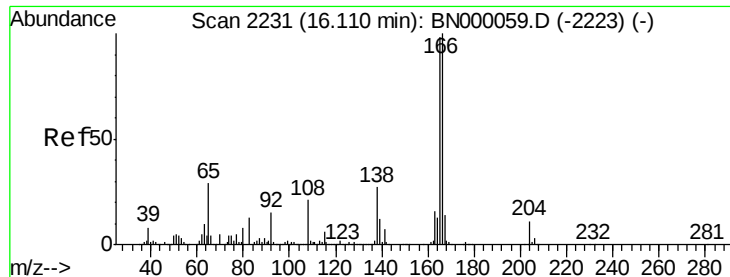
Tot Ion:139 Resp: 2344219
Ion Ratio Lower Upper
139 100
109 76.0 62.2 102.2
65 96.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.246 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:165 Resp: 1610036
Ion Ratio Lower Upper
165 100
63 43.6 42.0 63.0
89 81.1 66.9 100.3
182 2.6 2.6 3.8

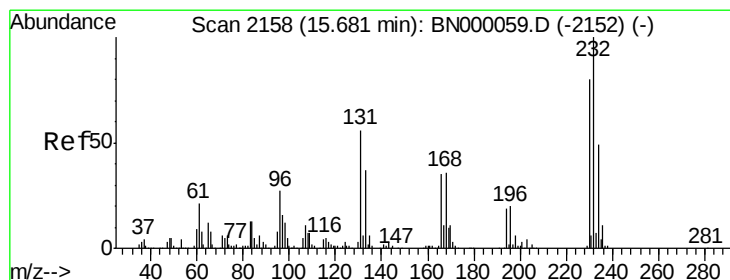
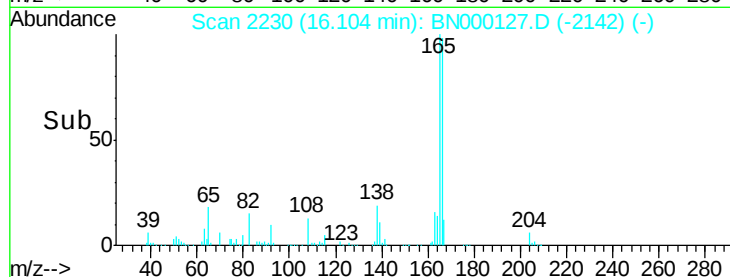
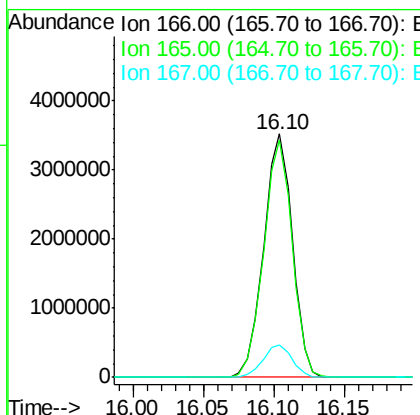
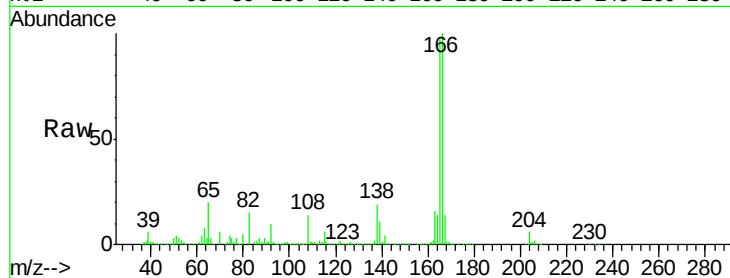




#57
 Fluorene
 Concen: 39.251 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

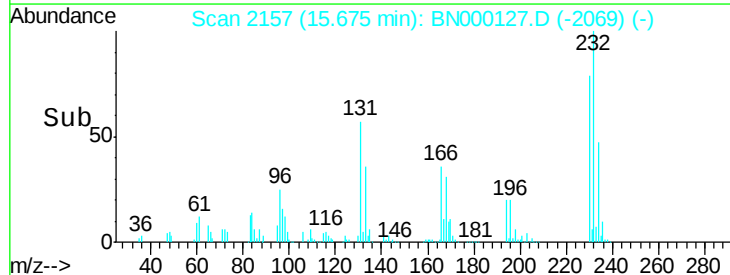
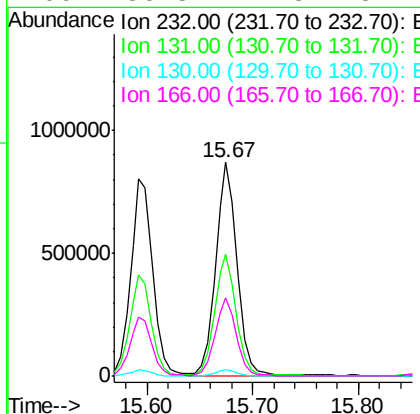
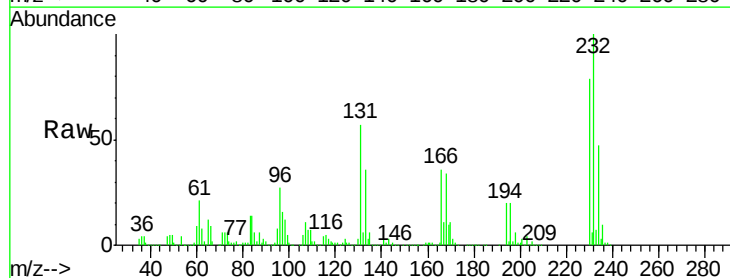
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

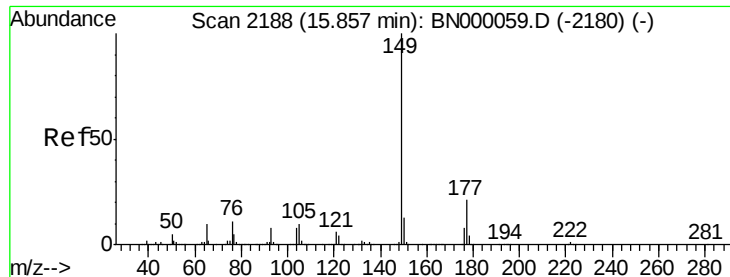
Tot Ion:166 Resp: 5049358
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.6 121.0
 167 13.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.645 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:232 Resp: 1229737
 Ion Ratio Lower Upper
 232 100
 131 57.0 33.5 50.3#
 130 3.1 2.2 3.2
 166 36.8 24.8 37.2

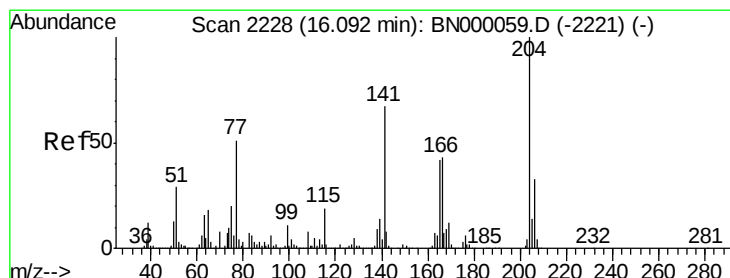
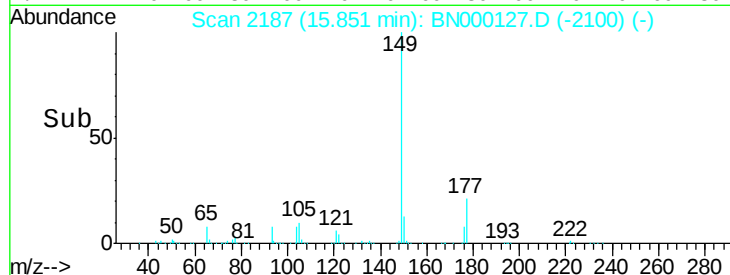
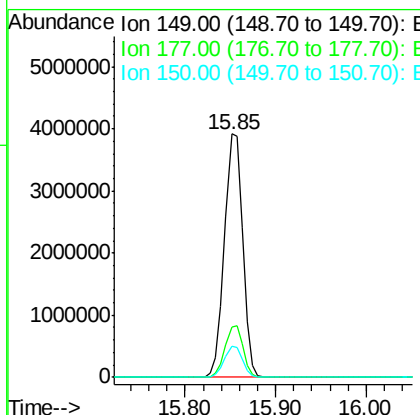
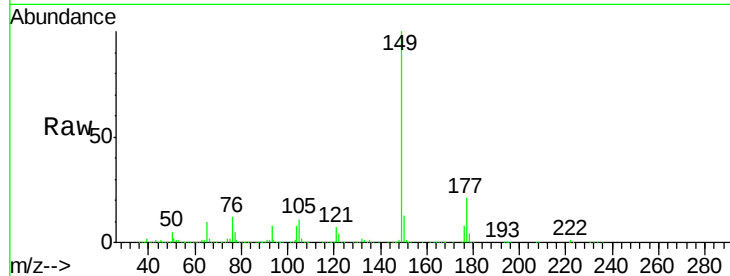




#59
Diethylphthalate
Concen: 39.977 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

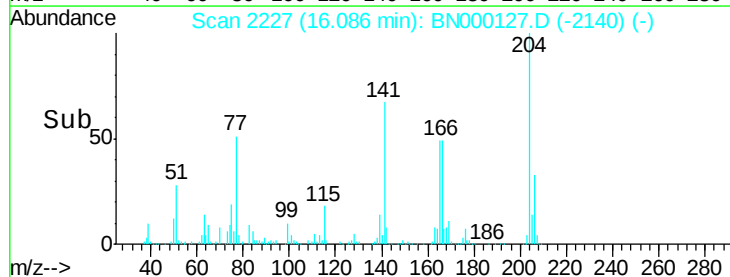
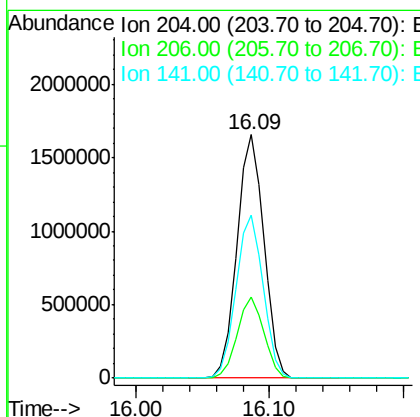
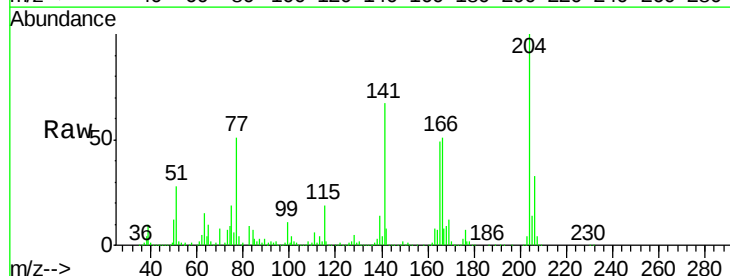
Instrument :
BNA_N
ClientSampleId :
PB106645BS

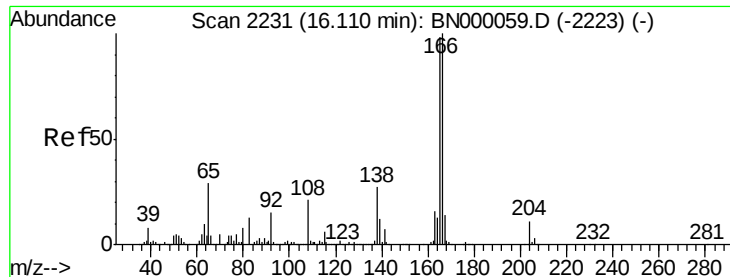
Tot Ion:149 Resp: 5451222
Ion Ratio Lower Upper
149 100
177 20.8 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.407 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:204 Resp: 2310230
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 66.7 45.8 68.6

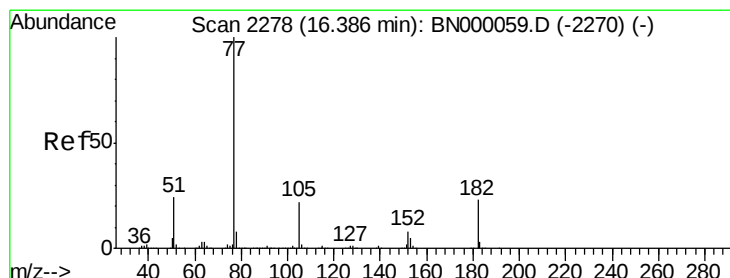
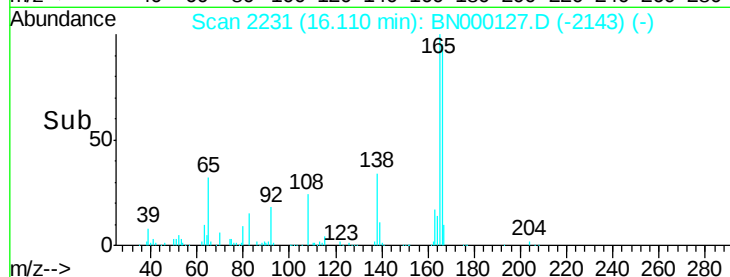
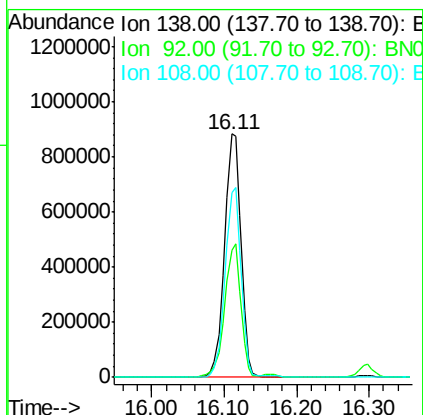
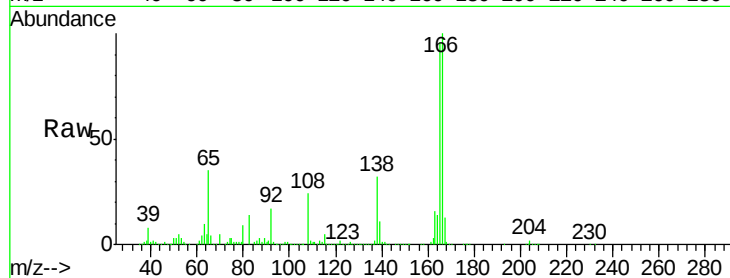




#61
4-Nitroaniline
Concen: 40.454 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

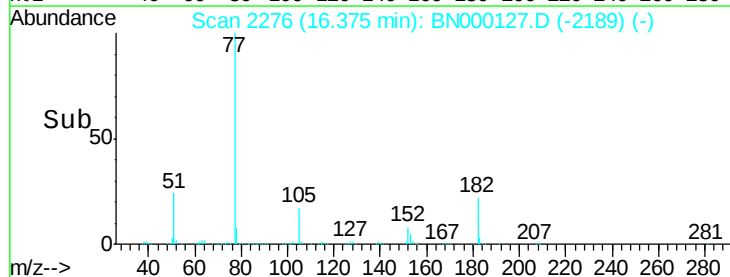
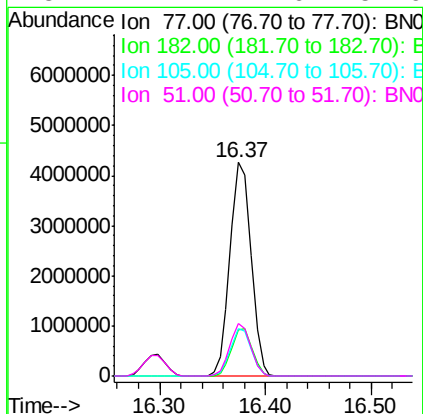
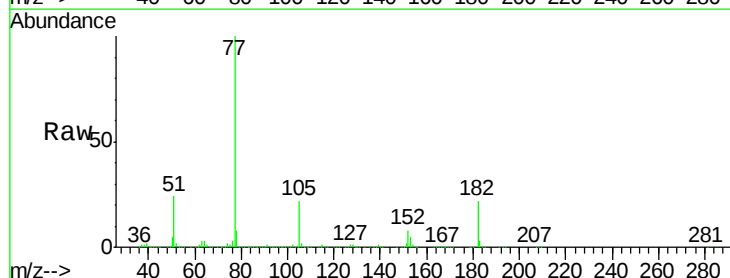
Instrument :
BNA_N
ClientSampleId :
PB106645BS

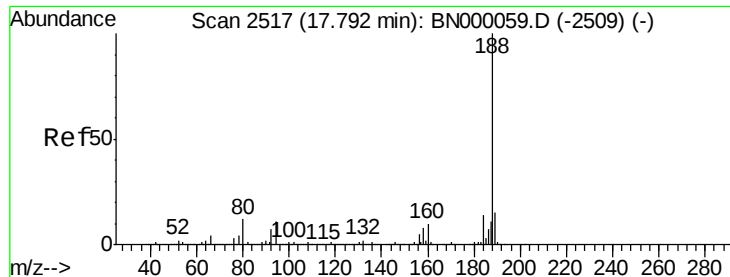
Tot Ion:138 Resp: 1399603
Ion Ratio Lower Upper
138 100
92 52.4 40.1 80.1
108 76.1 65.4 105.4



#62
Azobenzene
Concen: 43.297 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion: 77 Resp: 5877063
Ion Ratio Lower Upper
77 100
182 21.7 7.4 47.4
105 22.3 0.3 40.3
51 24.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

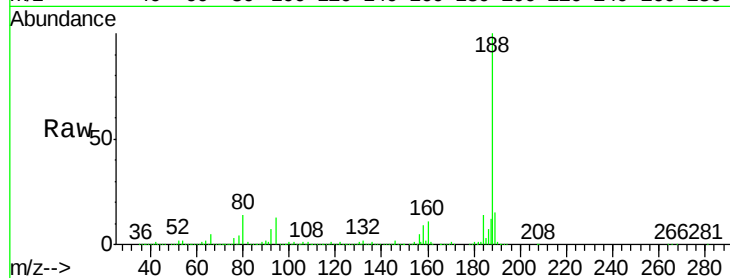
Tot Ion:188 Resp: 3322745

Ion Ratio Lower Upper

188 100

94 12.6 6.9 10.3#

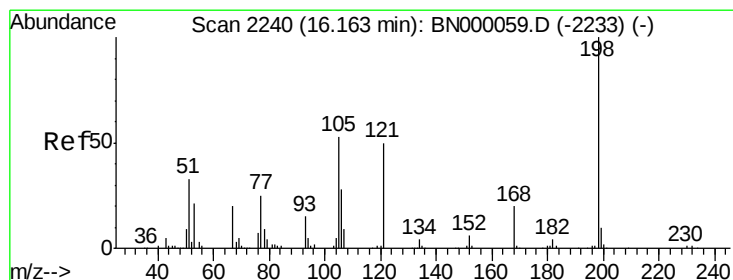
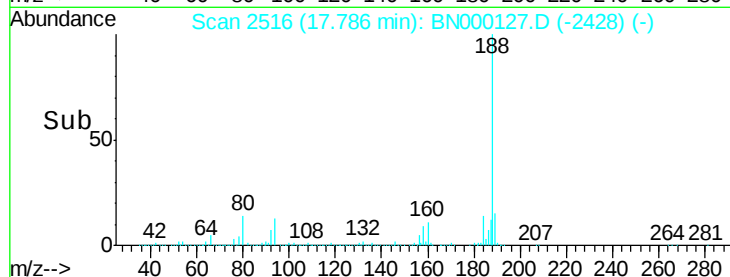
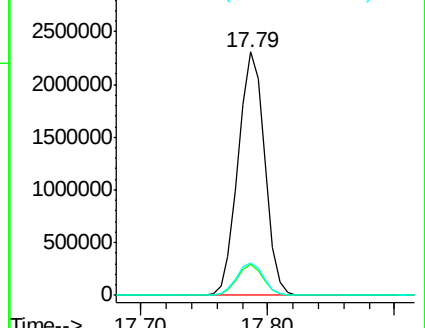
80 13.6 7.7 11.5#



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: 40.276 ng

RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

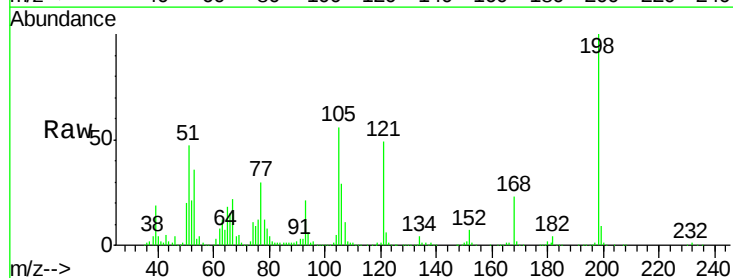
Tgt Ion:198 Resp: 606719

Ion Ratio Lower Upper

198 100

51 47.4 30.6 70.6

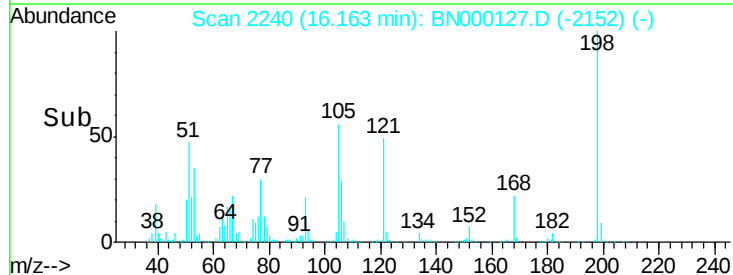
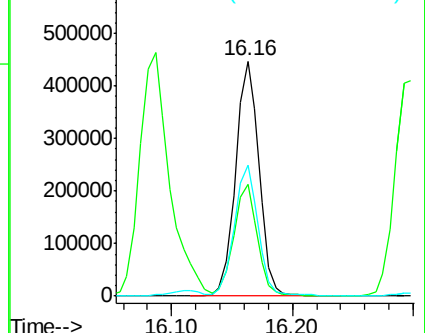
105 55.8 23.8 63.8

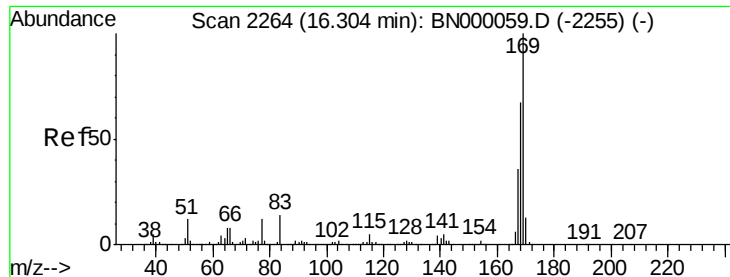


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

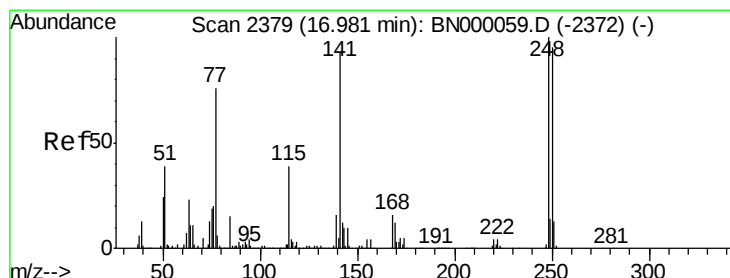
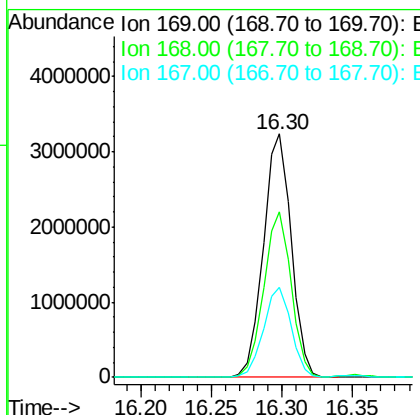
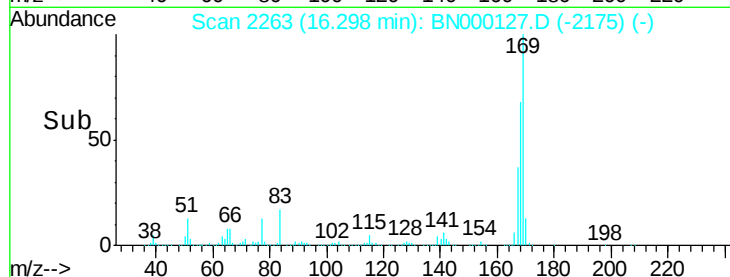
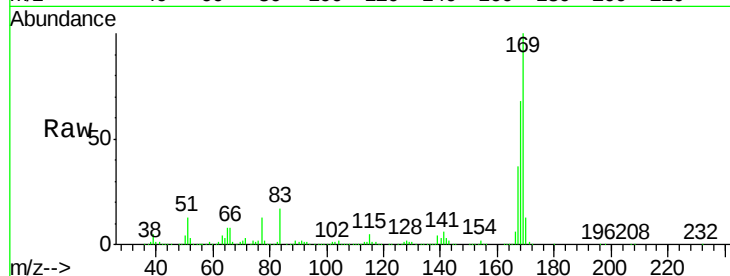




#65
n-Nitrosodiphenylamine
Concen: 41.633 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

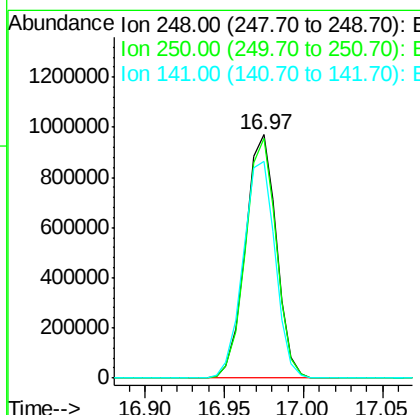
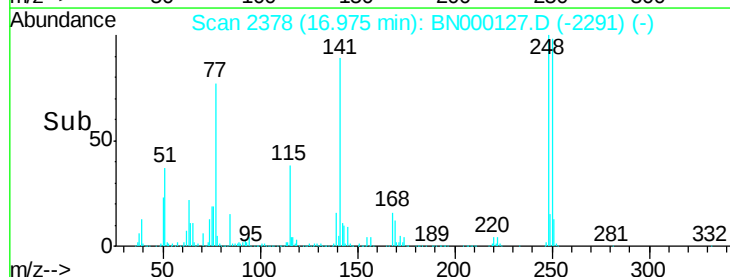
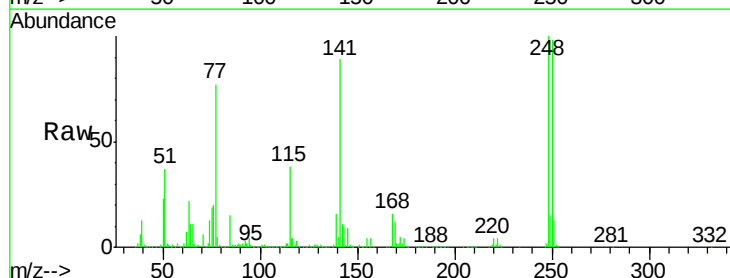
Instrument :
BNA_N
ClientSampled :
PB106645BS

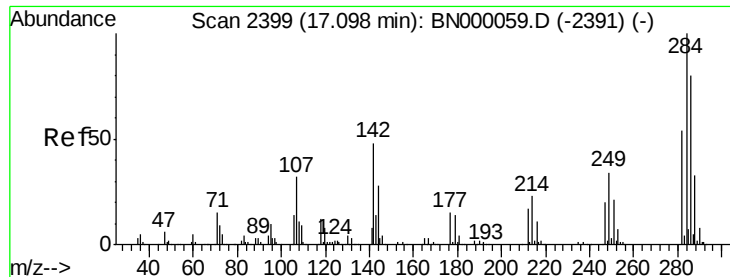
Tot Ion:169 Resp: 4501333
Ion Ratio Lower Upper
169 100
168 67.9 55.7 83.5
167 37.2 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 41.723 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:248 Resp: 1318348
Ion Ratio Lower Upper
248 100
250 98.3 77.1 115.7
141 88.8 50.8 76.2#

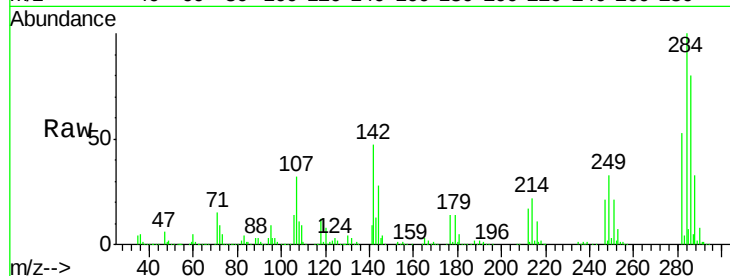




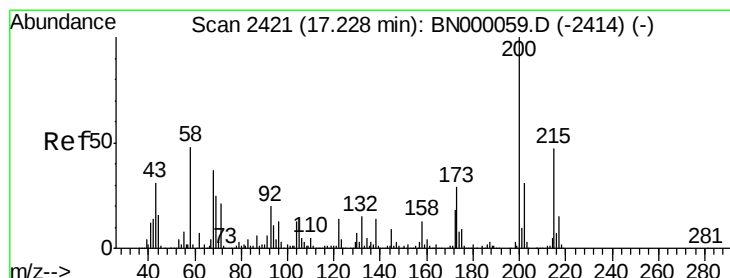
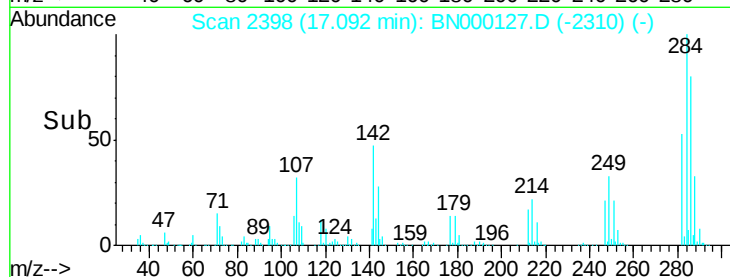
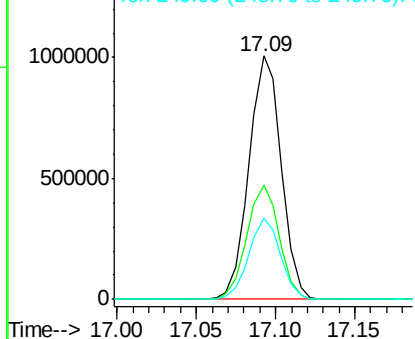
#67
Hexachlorobenzene
Concen: 38.545 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Instrument :
BNA_N
ClientSampleId :
PB106645BS

Tot Ion:284 Resp: 1422319
Ion Ratio Lower Upper
284 100
142 46.8 26.8 40.2#
249 33.1 26.3 39.5

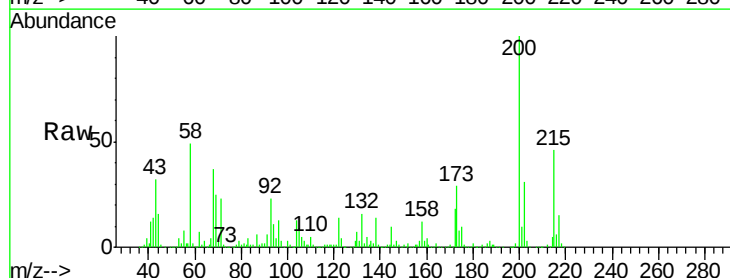


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

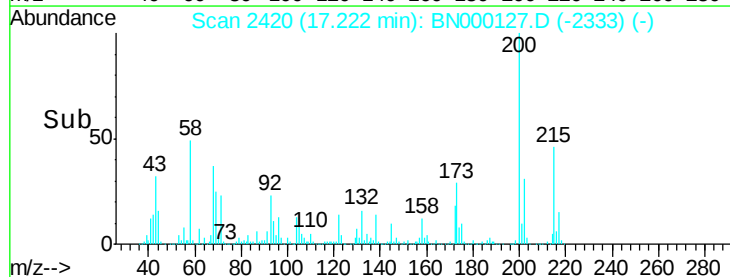
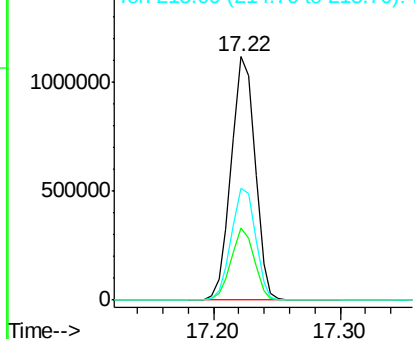


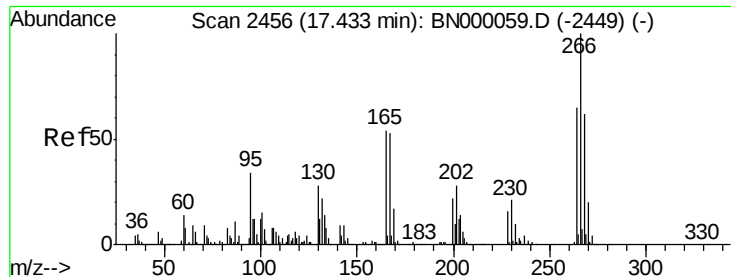
#68
Atrazine
Concen: 41.160 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:200 Resp: 1448340
Ion Ratio Lower Upper
200 100
173 29.4 5.2 45.2
215 46.1 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

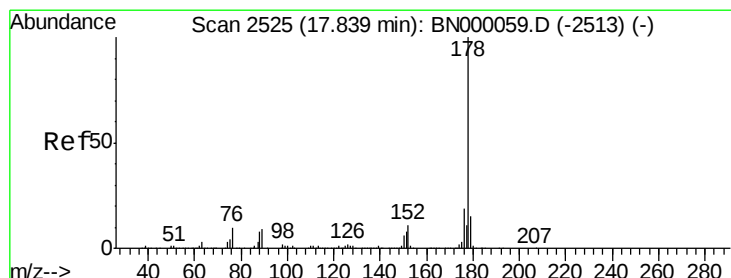
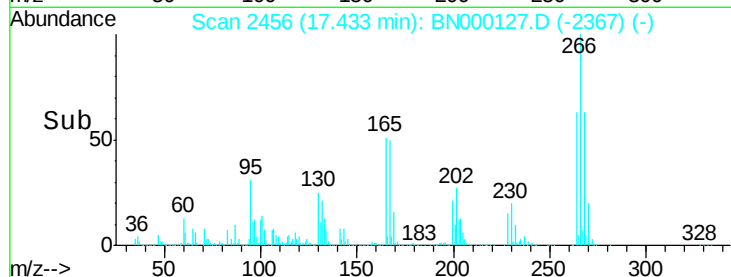
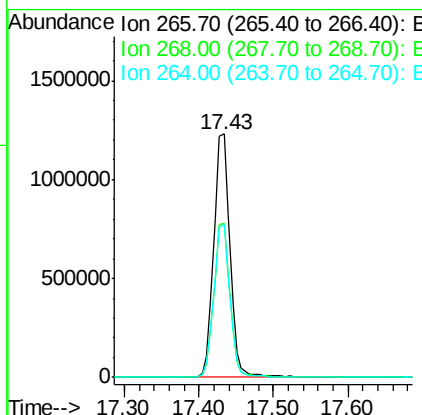
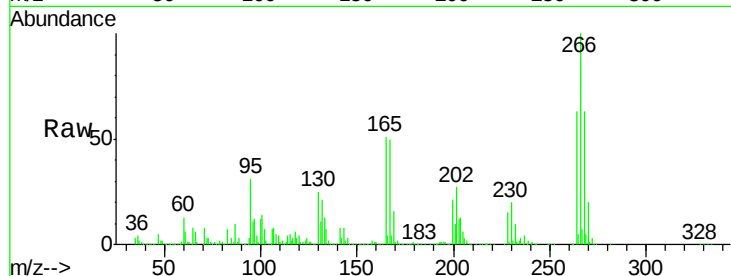




#69
 Pentachlorophenol
 Concen: 73.648 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

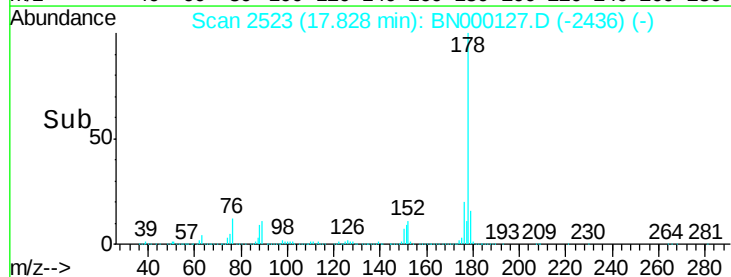
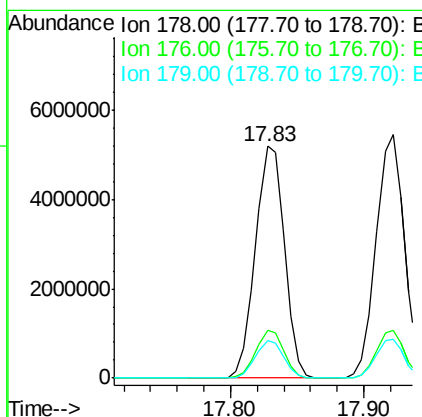
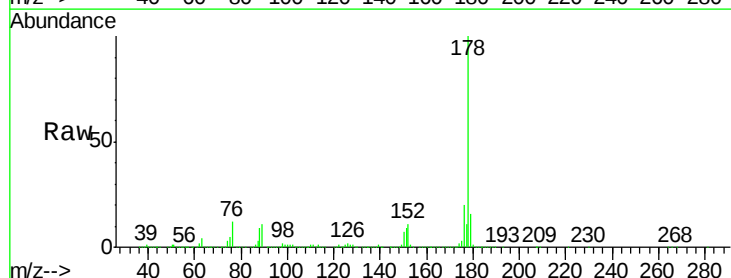
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

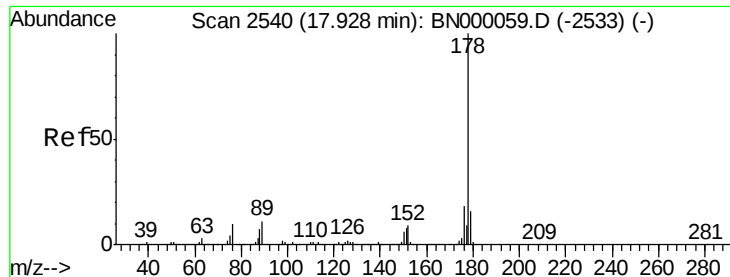
Tot Ion:266 Resp: 1858542
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.7 49.6 74.4



#70
 Phenanthrene
 Concen: 39.662 ng
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:178 Resp: 7784425
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.1 12.5 18.7



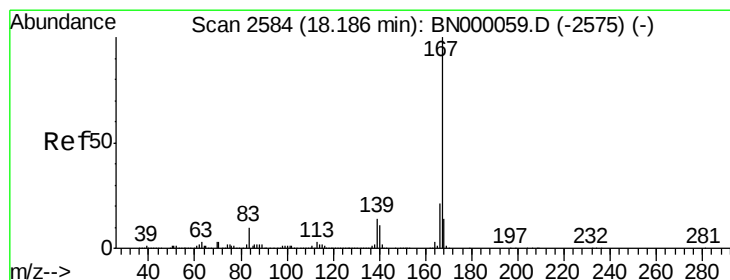
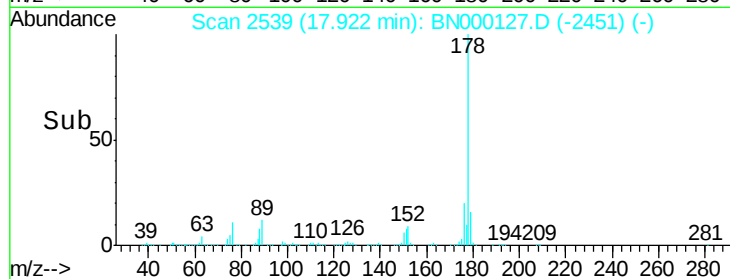
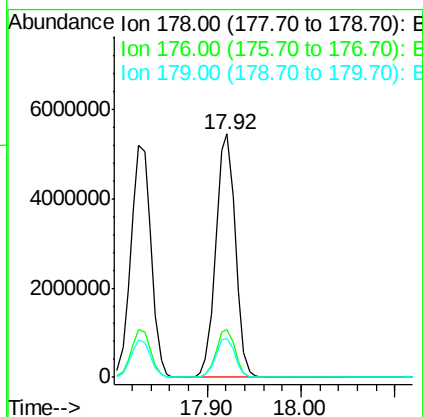
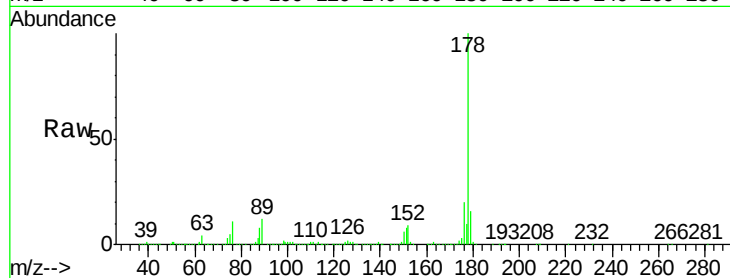


#71
 Anthracene
 Concen: 41.741 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:178 Resp: 7932663

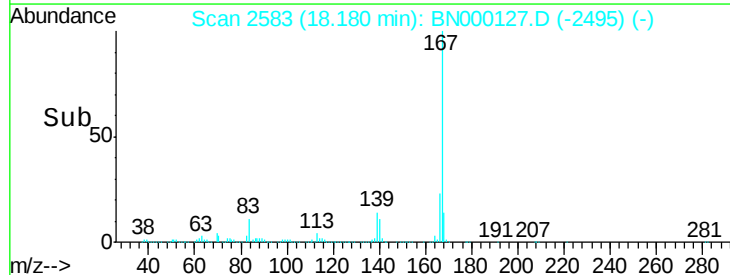
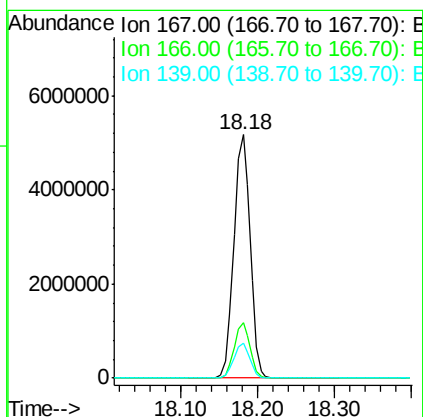
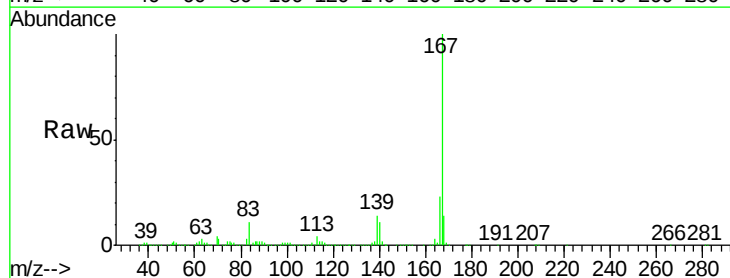
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.1	12.5	18.7

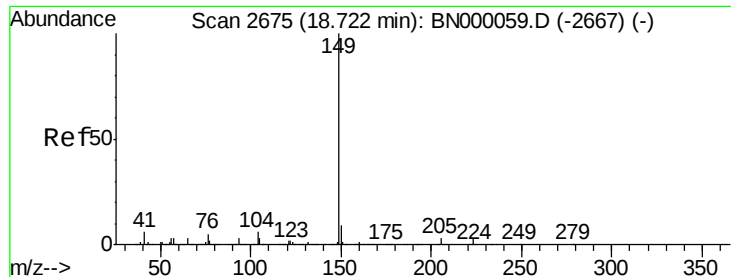


#72
 Carbazole
 Concen: 40.131 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:167 Resp: 7683404

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.5	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 41.724 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

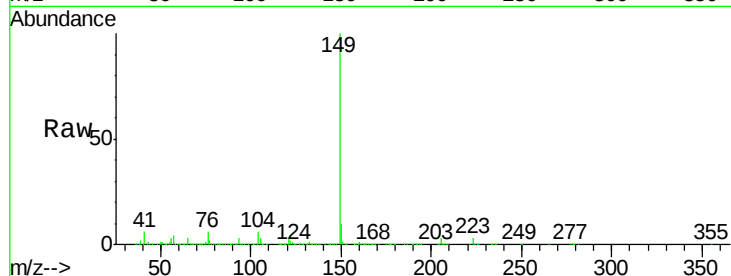
Tot Ion:149 Resp: 8818739

Ion Ratio Lower Upper

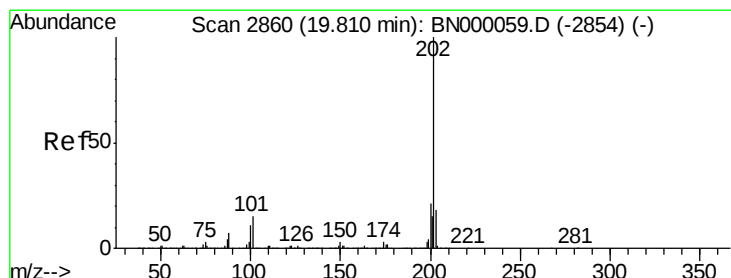
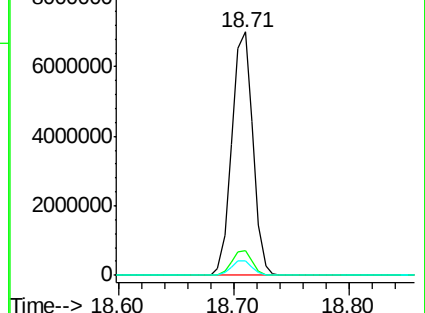
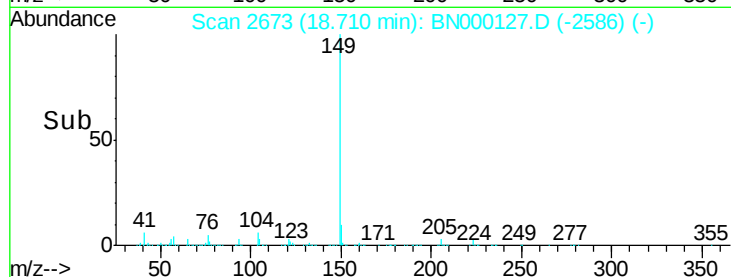
149 100

150 10.0 7.8 11.6

104 5.9 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: 40.652 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

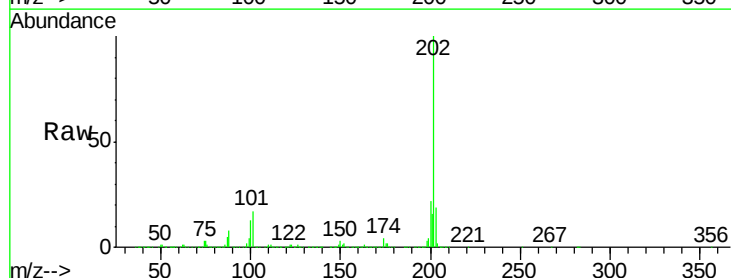
Tgt Ion:202 Resp: 8370527

Ion Ratio Lower Upper

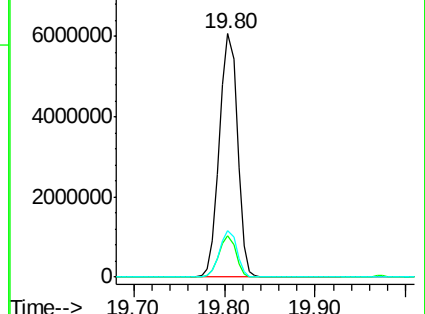
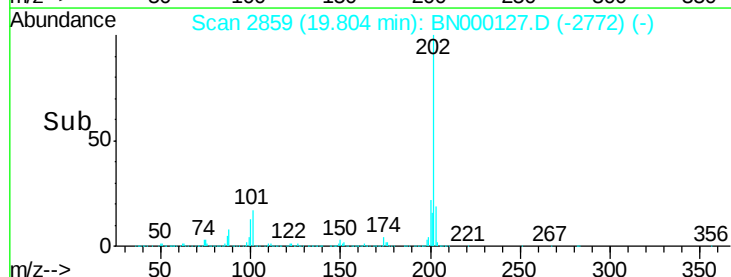
202 100

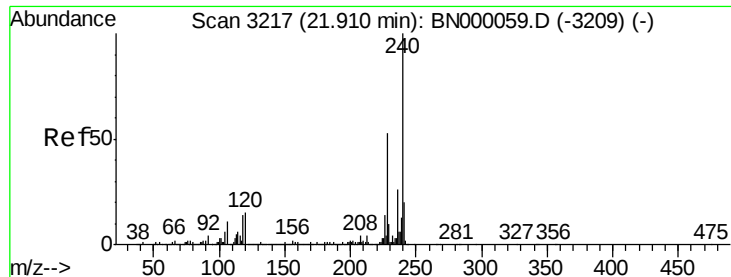
101 16.9 0.0 28.9

203 18.9 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

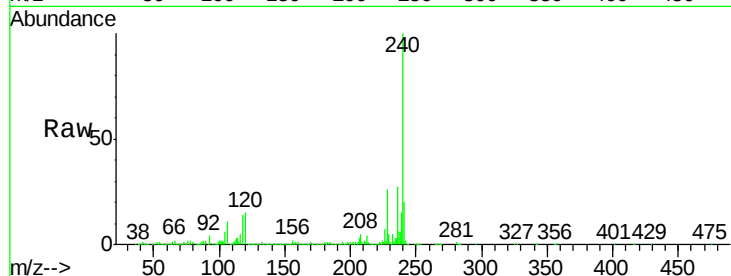
Tot Ion:240 Resp: 3275118

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

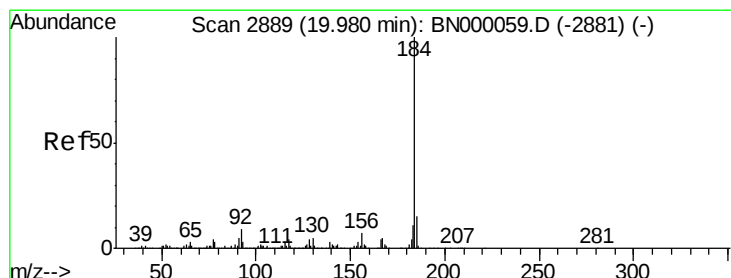
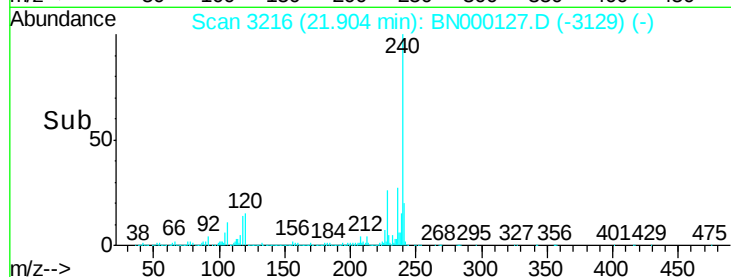
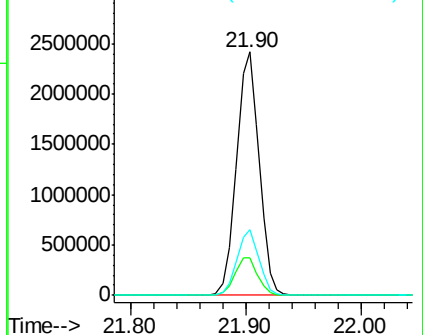
236 26.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.433 ng

RT: 19.97 min Scan# 2887

Delta R.T. -0.02 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

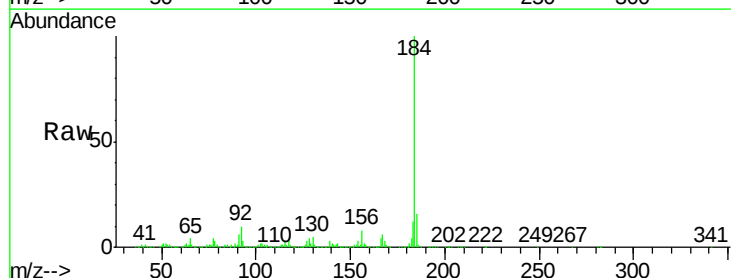
Tgt Ion:184 Resp: 4221270

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

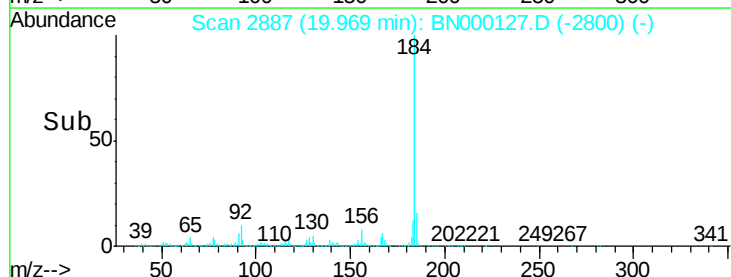
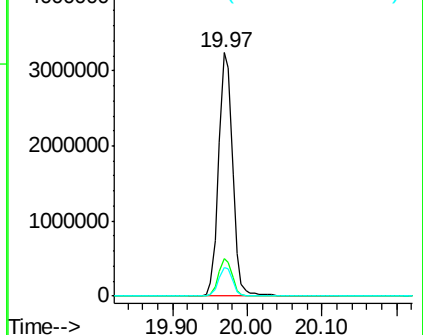
183 12.0 10.6 16.0

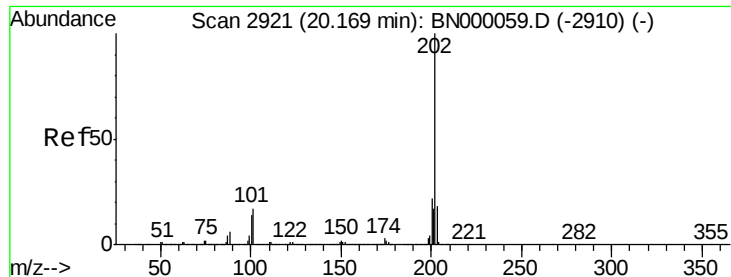


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

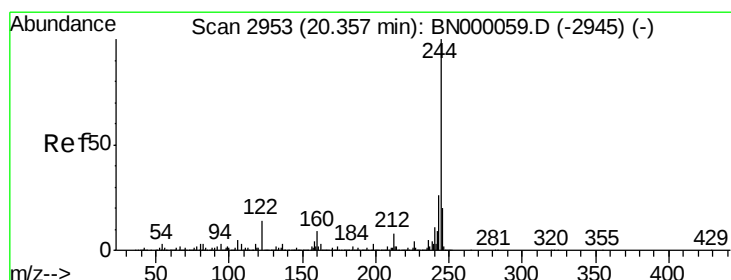
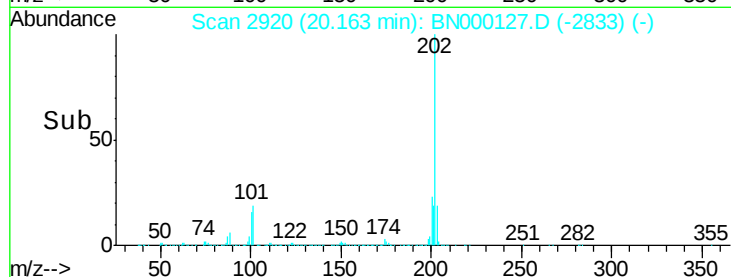
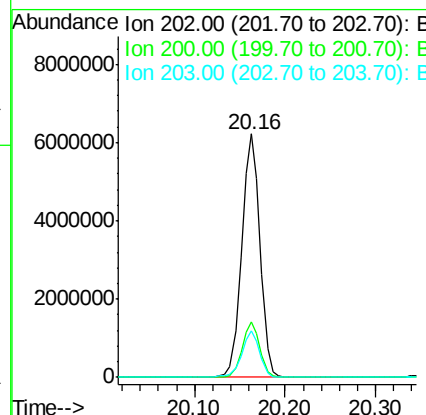
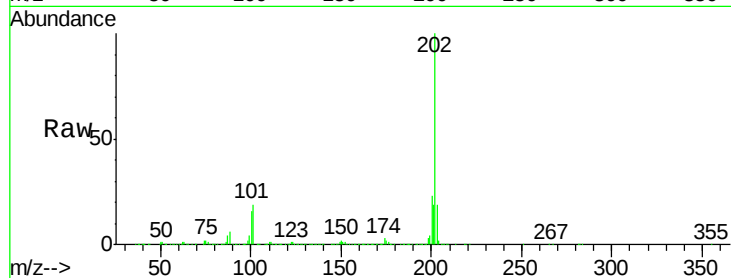




#77
Pvrene
Concen: 41.973 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

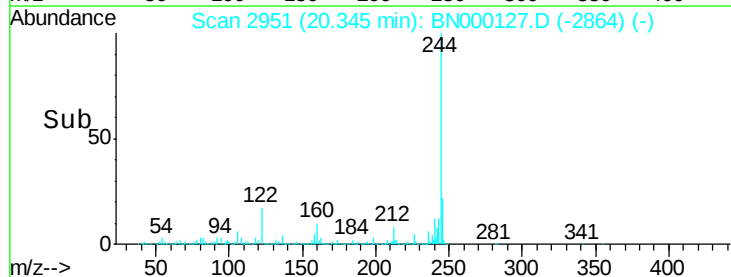
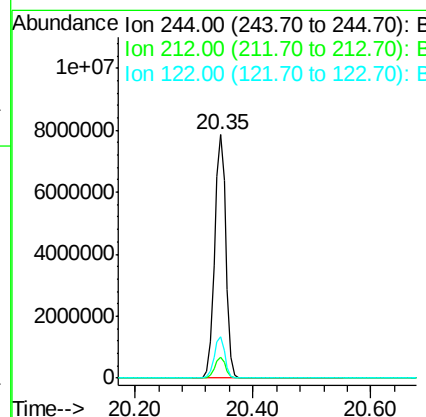
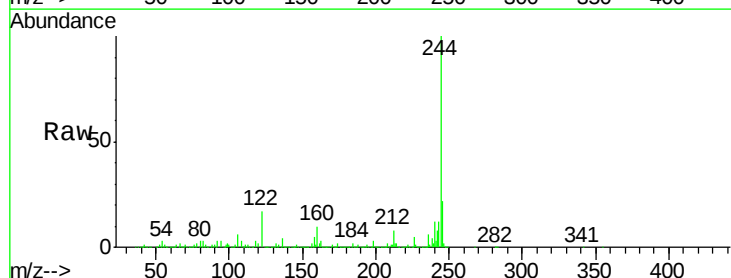
Instrument :
BNA_N
ClientSampleId :
PB106645BS

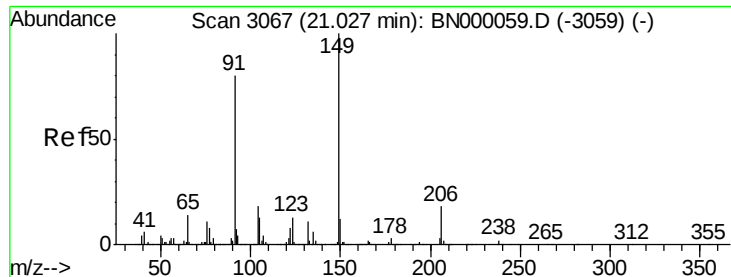
Tot Ion:202 Resp: 8736778
Ion Ratio Lower Upper
202 100
200 22.7 16.9 25.3
203 18.9 13.9 20.9



#78
Terphenyl-d14
Concen: 86.256 ng
RT: 20.35 min Scan# 2951
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:244 Resp:10462404
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 16.9 7.0 10.4#

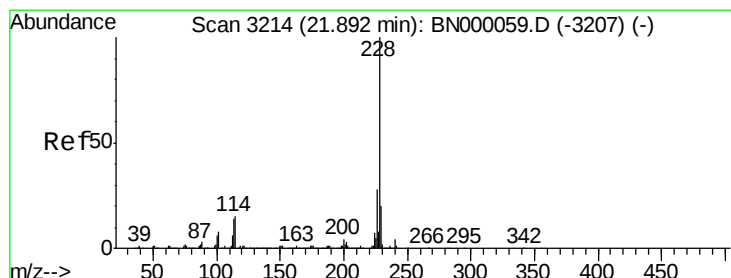
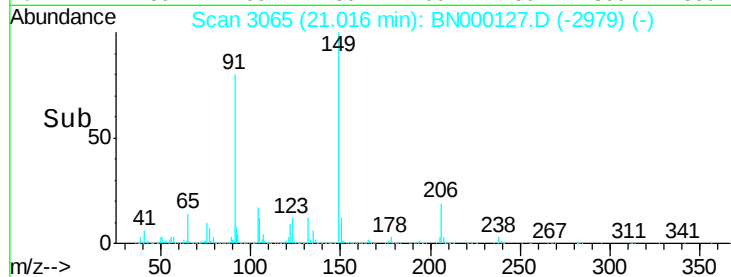
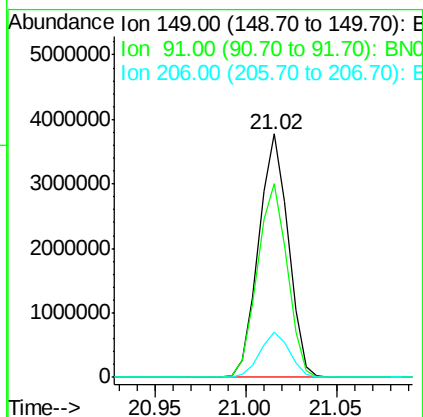
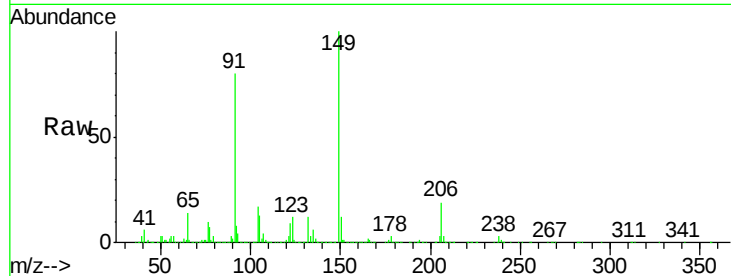




#79
Butylbenzylphthalate
Concen: 44.016 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

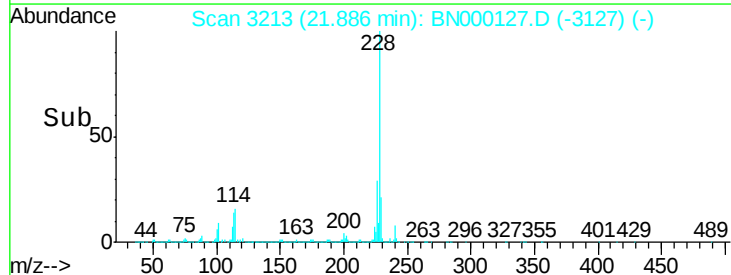
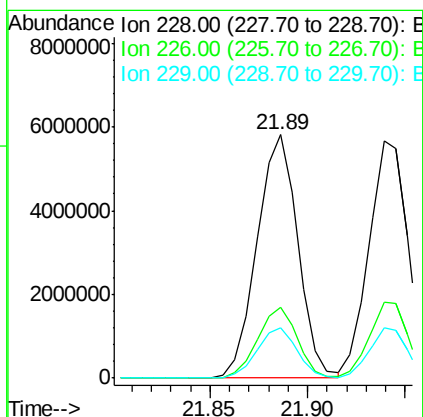
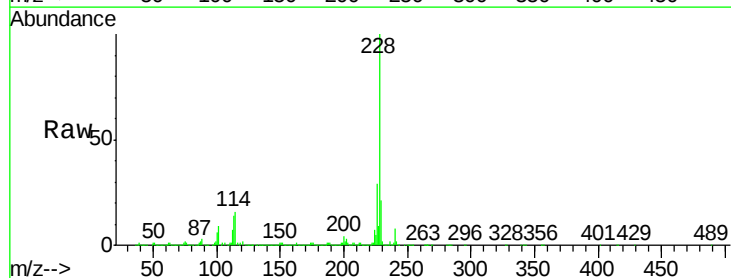
Instrument :
BNA_N
ClientSampleId :
PB106645BS

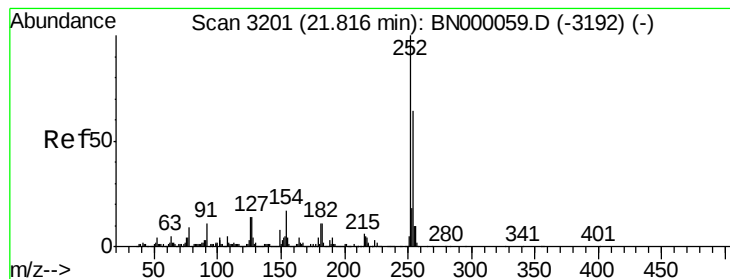
Tot Ion:149 Resp: 4296763
Ion Ratio Lower Upper
149 100
91 79.7 62.2 93.2
206 18.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.797 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000127.D
Acq: 20 Feb 2018 01:04

Tgt Ion:228 Resp: 8413986
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.9 16.2 24.2

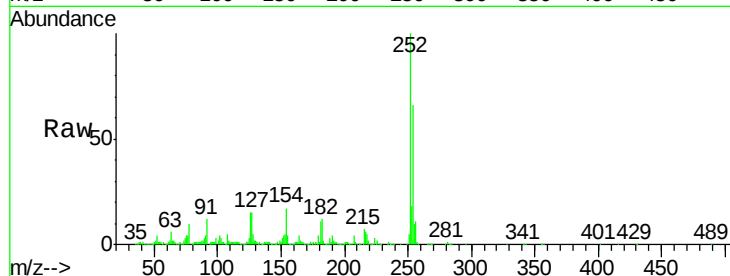




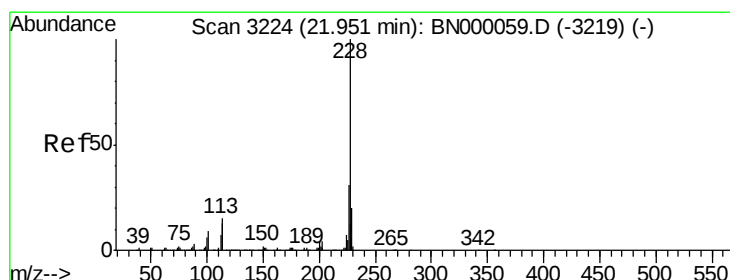
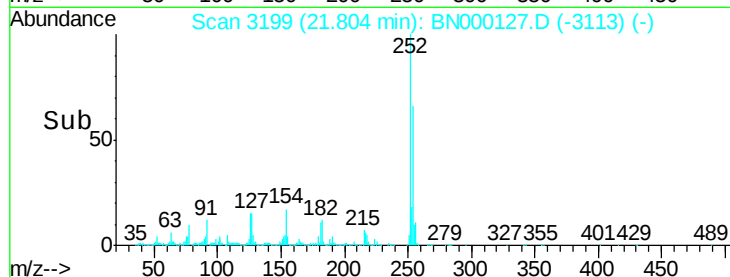
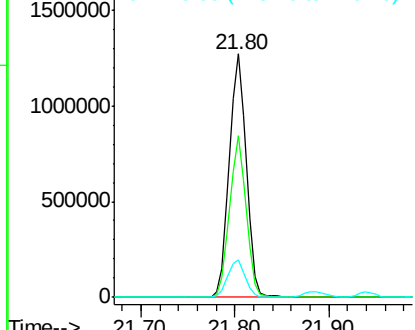
#81
 3,3'-Dichlorobenzidine
 Concen: 21.762 ng
 RT: 21.80 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:252 Resp: 1609010
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.8 76.2
 126 15.3 7.4 11.2#

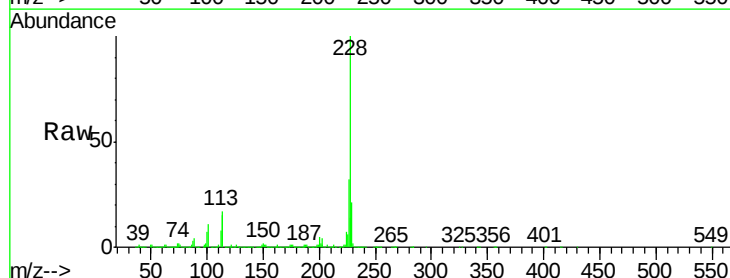


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

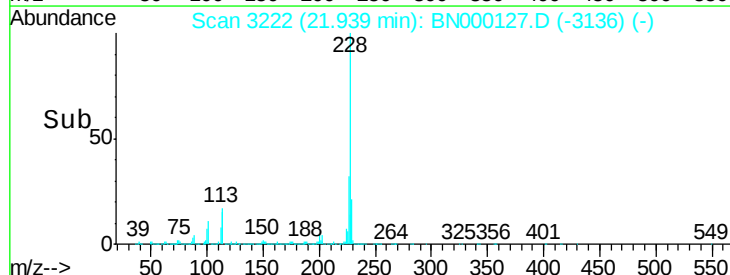
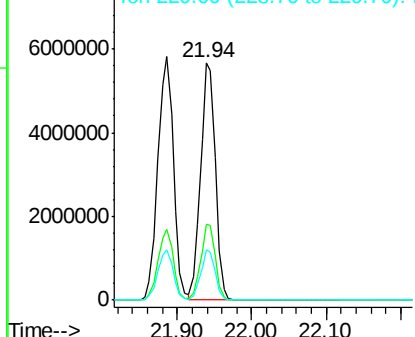


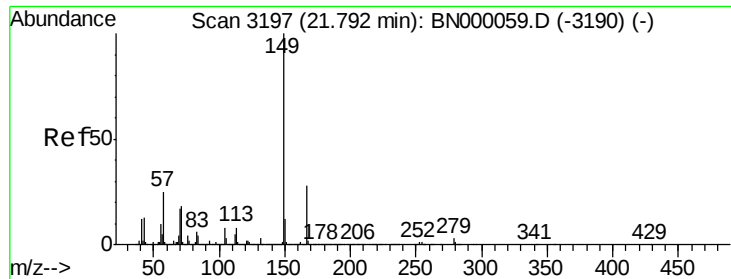
#82
 Chrysene
 Concen: 39.258 ng
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:228 Resp: 7875451
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 21.1 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

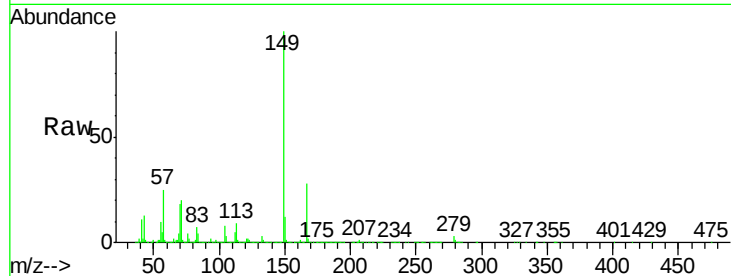




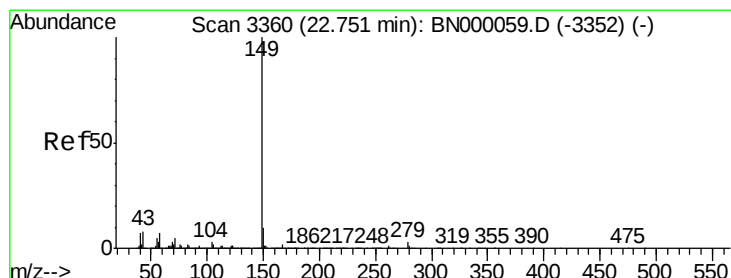
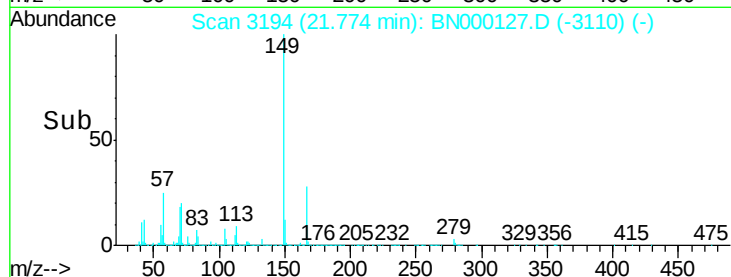
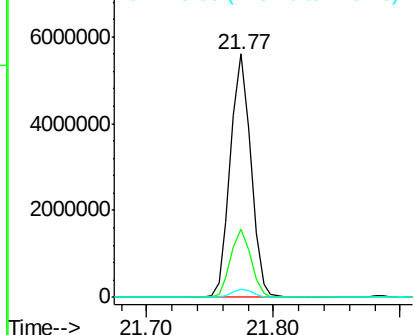
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.003 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

Tot Ion:149 Resp: 6254523
 Ion Ratio Lower Upper
 149 100
 167 27.8 24.3 36.5
 279 3.5 4.0 6.0#

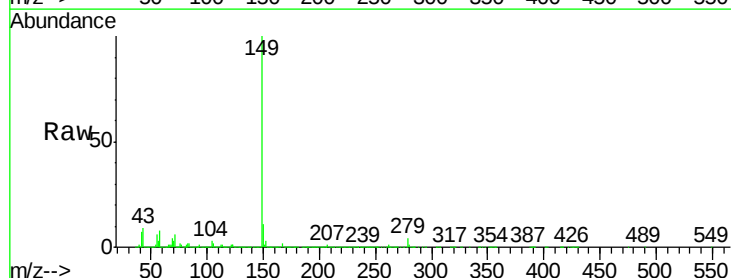


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

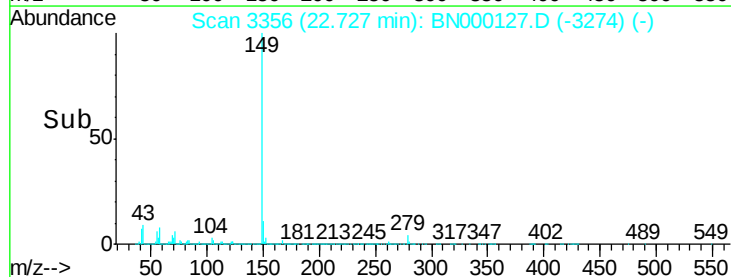
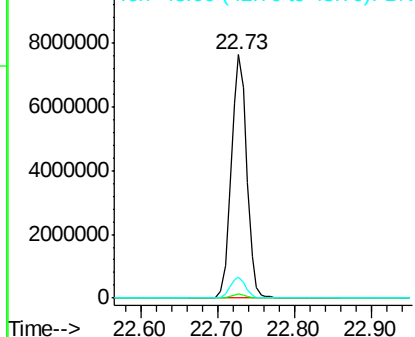


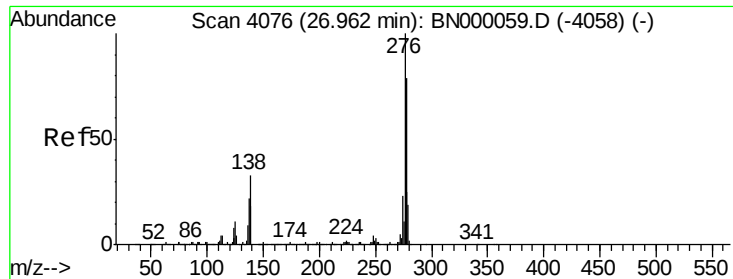
#84
 Di-n-octyl phthalate
 Concen: 44.920 ng
 RT: 22.73 min Scan# 3356
 Delta R.T. -0.05 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:149 Resp:10711075
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 8.5 8.9 13.3#



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

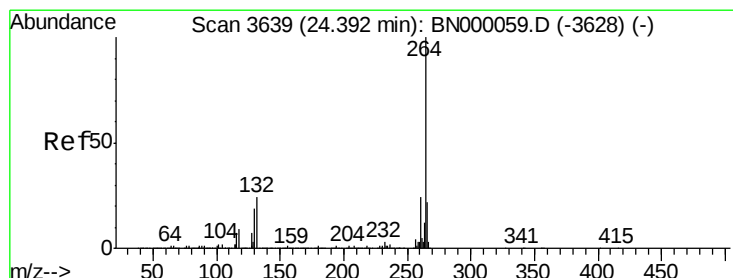
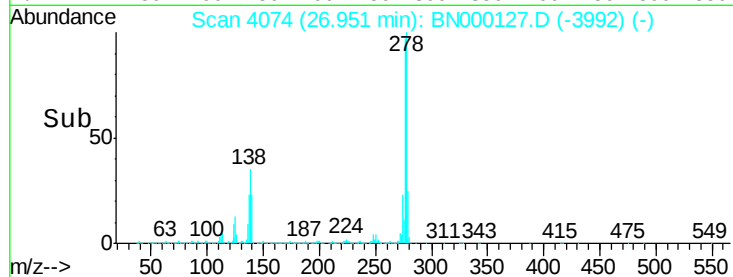
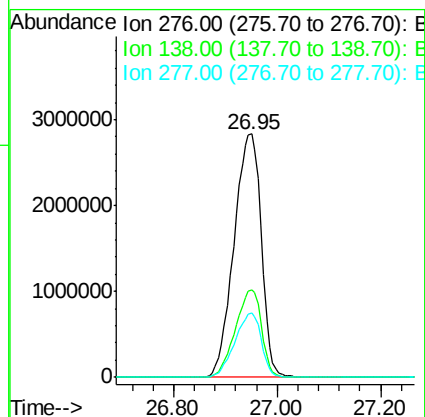
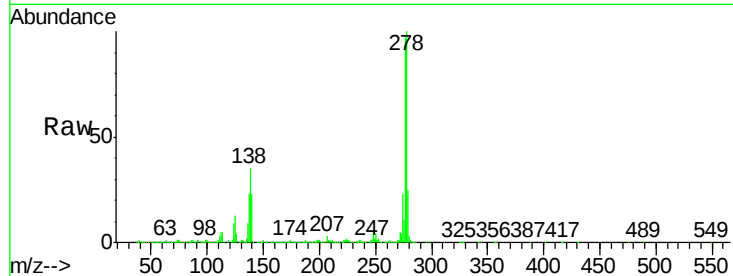




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.093 ng
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.05 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

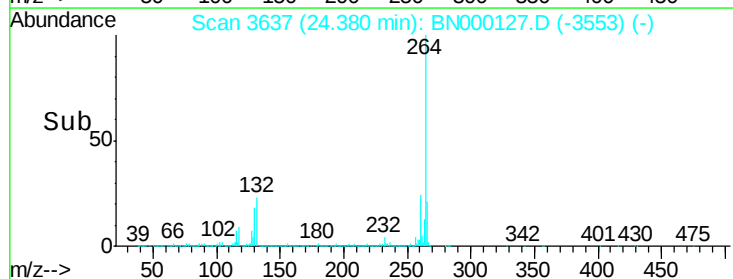
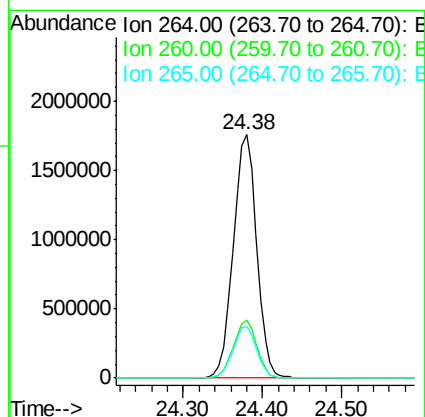
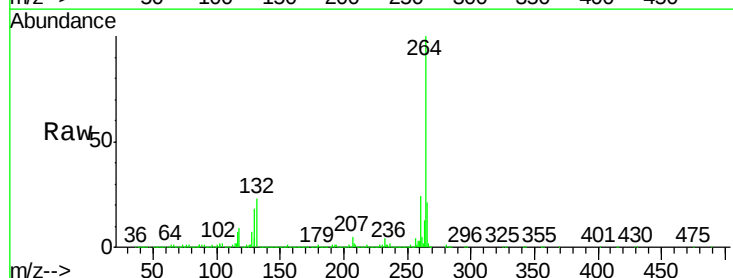
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BS

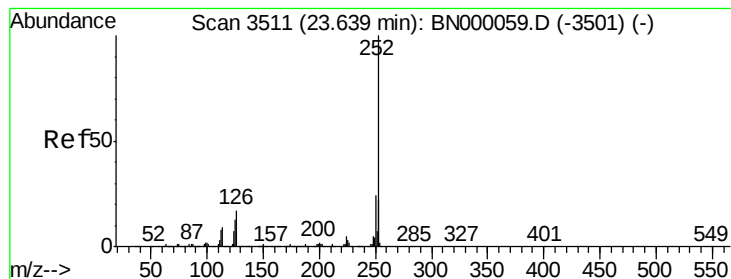
Tot Ion:276 Resp:10372771
 Ion Ratio Lower Upper
 276 100
 138 34.6 16.0 24.0#
 277 25.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.38 min Scan# 3637
 Delta R.T. -0.04 min
 Lab File: BN000127.D
 Acq: 20 Feb 2018 01:04

Tgt Ion:264 Resp: 3588904
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.3 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.673 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

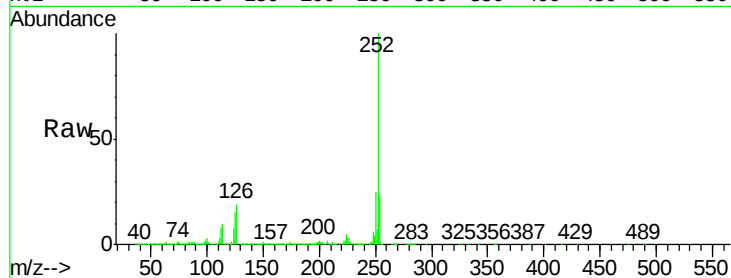
Tot Ion:252 Resp: 8754220

Ion Ratio Lower Upper

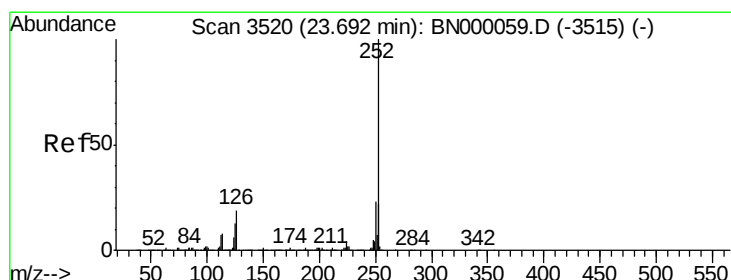
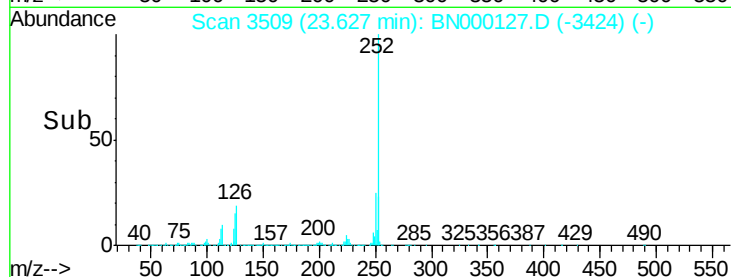
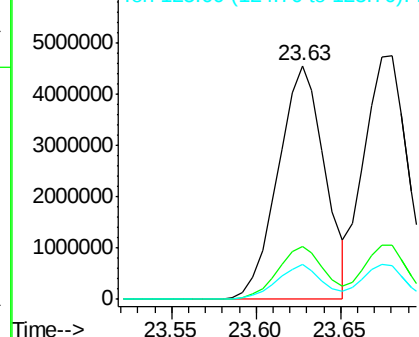
252 100

253 22.8 18.2 27.4

125 14.7 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 40.644 ng

RT: 23.68 min Scan# 3518

Delta R.T. -0.03 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

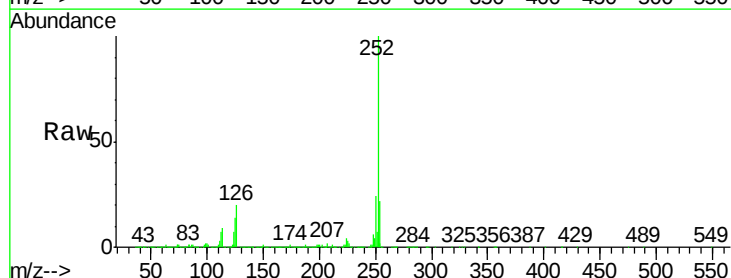
Tgt Ion:252 Resp: 8599103

Ion Ratio Lower Upper

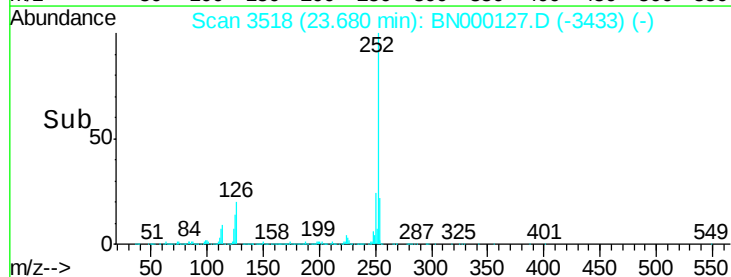
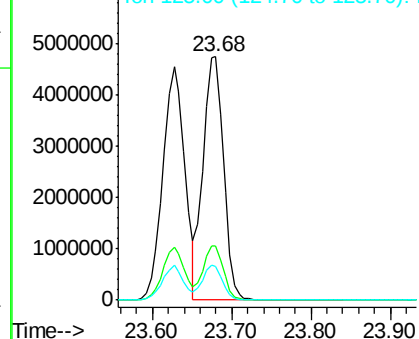
252 100

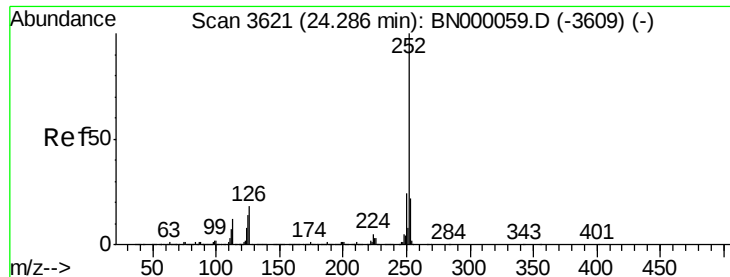
253 22.3 17.4 26.2

125 13.9 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 42.815 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

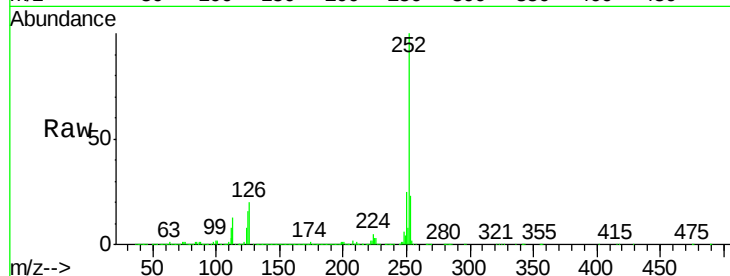
Tot Ion:252 Resp: 8625112

Ion Ratio Lower Upper

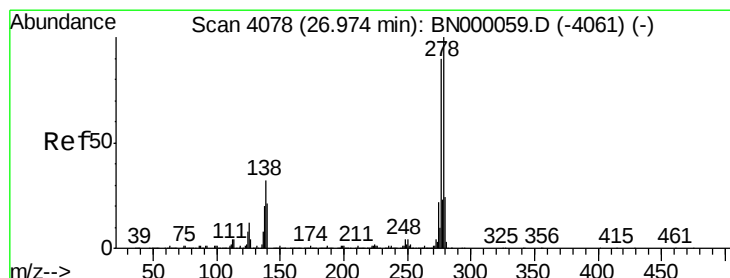
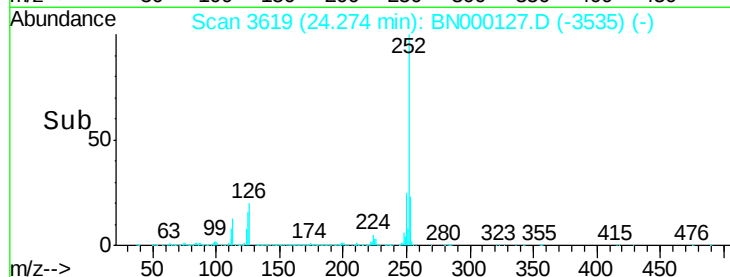
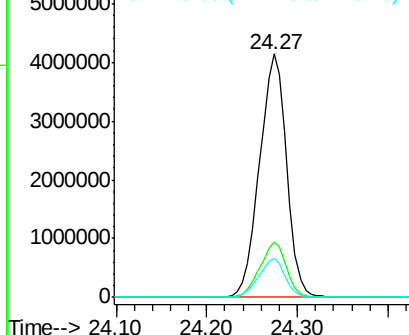
252 100

253 22.6 18.3 27.5

125 15.7 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: 41.363 ng

RT: 26.96 min Scan# 4075

Delta R.T. -0.05 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

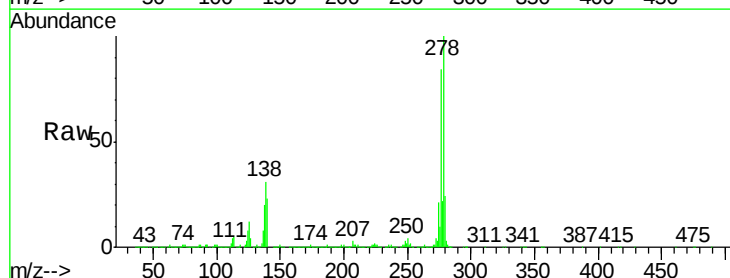
Tgt Ion:278 Resp: 8713977

Ion Ratio Lower Upper

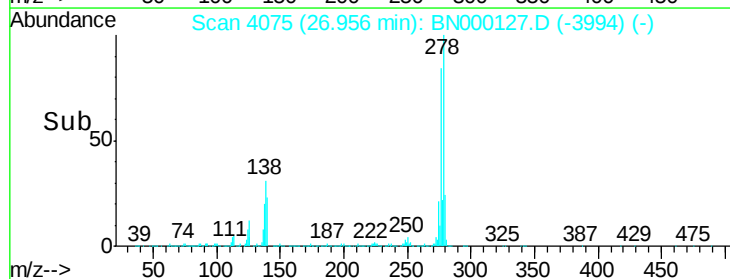
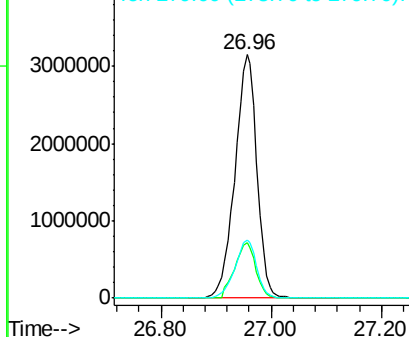
278 100

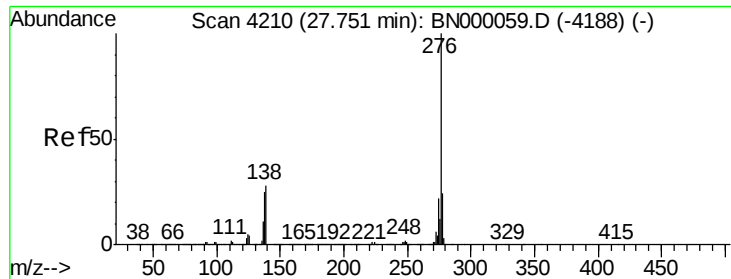
139 22.7 9.8 14.6#

279 23.8 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: 40.642 ng

RT: 27.74 min Scan# 4208

Delta R.T. -0.05 min

Lab File: BN000127.D

Acq: 20 Feb 2018 01:04

Instrument :

BNA_N

ClientSampleId :

PB106645BS

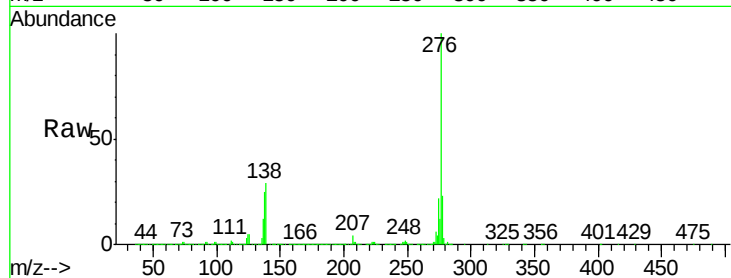
Tot Ion:276 Resp: 8657871

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 29.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

