

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000128.D
 Acq On : 20 Feb 2018 01:38
 Operator : JU/SJ
 Sample : PB106645BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

Quant Time: Feb 20 03:14:53 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	439461	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2274911	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1377180	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2973379	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3095706	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3417847	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	2966186	110.00	ng	0.00
7) Phenol-d6	7.59	99	4204861	102.95	ng	0.00
23) Nitrobenzene-d5	9.64	82	3396325	88.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1151602	84.48	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7465380	76.40	ng	-0.02
78) Terphenyl-d14	20.34	244	9479276	82.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	338017	31.153	ng	96
3) Pyridine	4.09	79	1085584	32.142	ng	98
4) n-Nitrosodimethylamine	4.00	42	421221	44.100	ng	# 89
6) Aniline	7.76	93	1326327	23.570	ng	92
8) 2-Chlorophenol	8.01	128	1603899	50.864	ng	89
9) Benzaldehyde	7.57	77	238392	9.382	ng	91
10) Phenol	7.62	94	2291518	53.147	ng	85
11) bis(2-Chloroethyl)ether	7.86	93	1515532	42.738	ng	# 83
12) 1,3-Dichlorobenzene	8.35	146	1325065	36.982	ng	99
13) 1,4-Dichlorobenzene	8.49	146	1380213	37.722	ng	97
14) 1,2-Dichlorobenzene	8.82	146	1362462	37.827	ng	97
15) Benzyl Alcohol	8.69	79	1439517	49.034	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1577282	42.023	ng	78
17) 2-Methylphenol	8.89	107	1495222	48.800	ng	95
18) Hexachloroethane	9.56	117	503670	39.543	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	1155648	42.224	ng	# 83
20) 3+4-Methylphenols	9.22	107	2043738	47.693	ng	93
22) Acetophenone	9.29	105	2431770	38.147	ng	# 88
24) Nitrobenzene	9.68	77	1790512	42.805	ng	# 93
25) Isophorone	10.20	82	3432856	43.402	ng	98
26) 2-Nitrophenol	10.40	139	728129	43.305	ng	91
27) 2,4-Dimethylphenol	10.44	122	1761141	51.361	ng	95
28) bis(2-Chloroethoxy)methane	10.68	93	2256296	44.480	ng	96
29) 2,4-Dichlorophenol	10.93	162	1511856	47.642	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	1320745	36.141	ng	97
31) Naphthalene	11.35	128	4779158	38.320	ng	98
32) Benzoic acid	10.56	122	1032637	42.193	ng	91
33) 4-Chloroaniline	11.45	127	1152904	21.043	ng	96
34) Hexachlorobutadiene	11.62	225	647872	34.189	ng	97
35) Caprolactam	12.20	113	615834	44.699	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	1923504	47.743	ng	98
37) 2-Methylnaphthalene	12.92	142	3517455	40.534	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1459340	35.900	ng	# 95
40) Hexachlorocyclopentadiene	13.26	237	1442354	85.120	ng	92

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000128.D
 Acq On : 20 Feb 2018 01:38
 Operator : JU/SJ
 Sample : PB106645BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

Quant Time: Feb 20 03:14:53 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

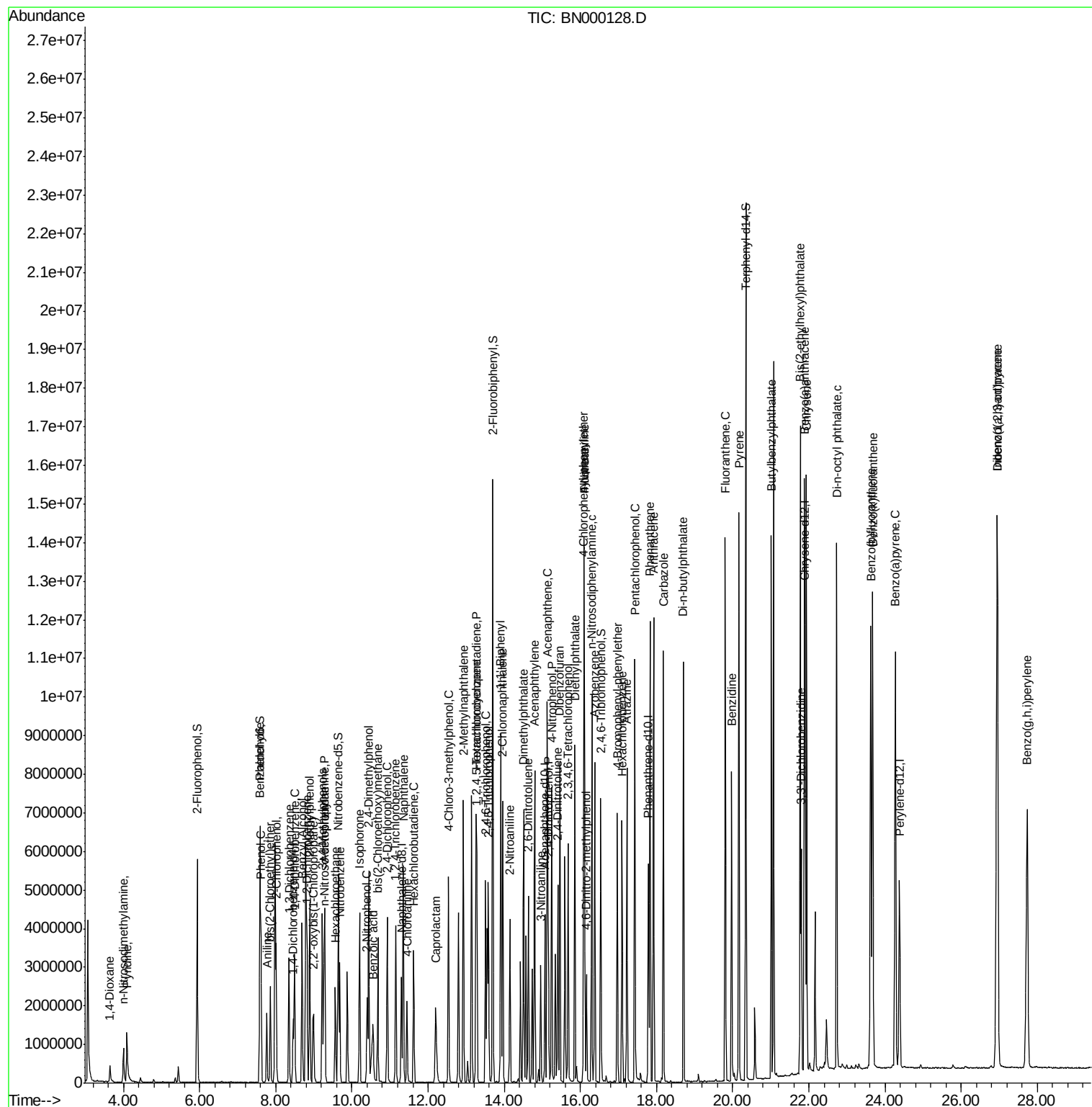
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	1087373	44.631	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	1223785	41.784	nq #	91
45) 1,1'-Biphenyl	13.91	154	4532833	37.371	nq	97
46) 2-Chloronaphthalene	13.96	162	3417418	37.550	nq	96
47) 2-Nitroaniline	14.15	65	1151938	43.647	nq #	84
48) Acenaphthylene	14.80	152	5657888	38.587	nq	98
49) Dimethylphthalate	14.51	163	4460630	38.746	nq	99
50) 2,6-Dinitrotoluene	14.63	165	979859	41.229	nq	93
51) Acenaphthene	15.13	154	3941123	41.292	nq	99
52) 3-Nitroaniline	14.96	138	741523	25.668	nq #	92
53) 2,4-Dinitrophenol	15.16	184	835200	96.881	nq #	1
54) Dibenzofuran	15.46	168	5350382	39.582	nq	95
55) 4-Nitrophenol	15.25	139	2074805	87.164	nq #	85
56) 2,4-Dinitrotoluene	15.41	165	1397940	41.691	nq	92
57) Fluorene	16.10	166	4323182	39.169	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	1052782	45.546	nq #	82
59) Diethylphthalate	15.85	149	4678127	39.987	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	1947647	38.722	nq	90
61) 4-Nitroaniline	16.11	138	1233605	41.558	nq	91
62) Azobenzene	16.37	77	5032702	43.215	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	522808	39.106	nq	89
65) n-Nitrosodiphenylamine	16.30	169	3876884	40.071	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	1119927	39.608	nq #	88
67) Hexachlorobenzene	17.09	284	1229247	37.227	nq #	87
68) Atrazine	17.22	200	1275876	40.519	nq	93
69) Pentachlorophenol	17.43	266	1618215	71.817	nq	99
70) Phenanthrene	17.83	178	6807577	38.760	nq	99
71) Anthracene	17.92	178	7008516	41.212	nq	99
72) Carbazole	18.18	167	6832089	39.878	nq #	97
73) Di-n-butylphthalate	18.70	149	7823329	41.364	nq #	99
74) Fluoranthene	19.80	202	7546142	40.954	nq	92
76) Benzidine	19.97	184	4000949	40.544	nq	96
77) Pyrene	20.16	202	7881966	40.061	nq	97
79) Butylbenzylphthalate	21.02	149	3877778	42.269	nq	97
80) Benzo(a)anthracene	21.89	228	7756031	40.762	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	1447478	20.711	nq #	98
82) Chrysene	21.94	228	7339283	38.706	nq	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	5645759	41.198	nq #	96
84) Di-n-octyl phthalate	22.73	149	9972719	44.235	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.95	276	9859110	42.327	nq #	85
87) Benzo(b)fluoranthene	23.63	252	8189227	40.934	nq #	96
88) Benzo(k)fluoranthene	23.67	252	7921550	39.315	nq #	94
89) Benzo(a)pyrene	24.27	252	8036844	41.891	nq #	95
90) Dibenzo(a,h)anthracene	26.96	278	8283622	41.288	nq #	90
91) Benzo(g,h,i)perylene	27.74	276	8265939	40.745	nq #	87

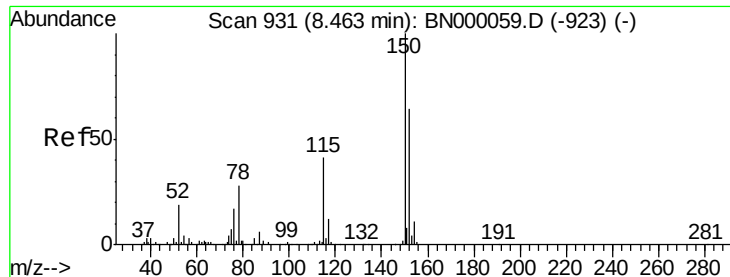
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000128.D
Acq On : 20 Feb 2018 01:38
Operator : JU/SJ
Sample : PB106645BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Quant Time: Feb 20 03:14:53 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



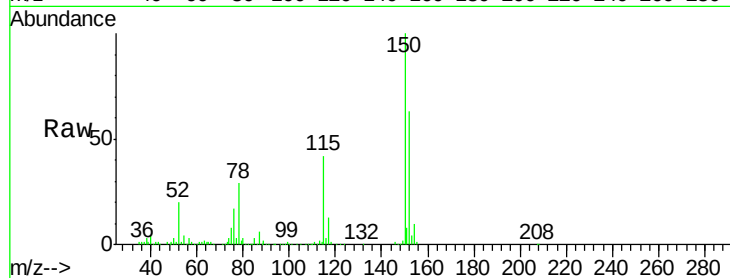


#1

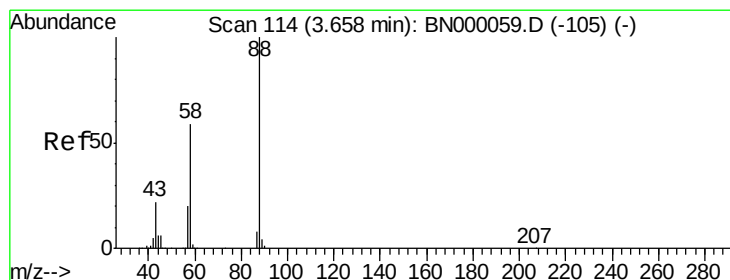
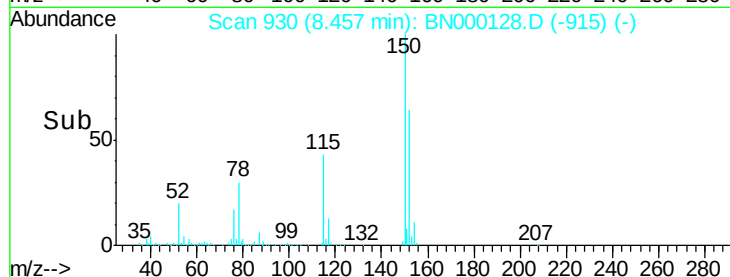
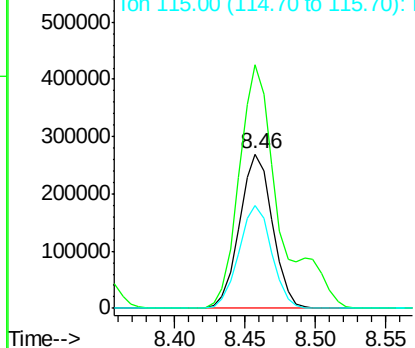
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Tot Ion:152 Resp: 439461
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 66.6 53.0 79.4



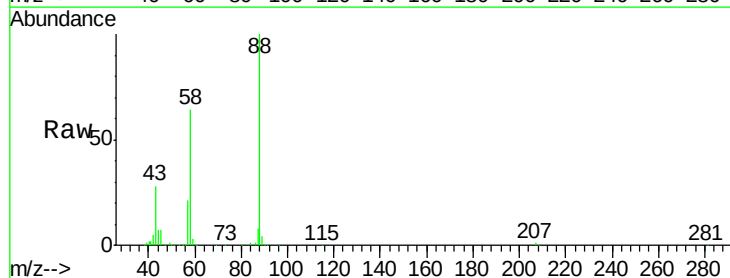
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



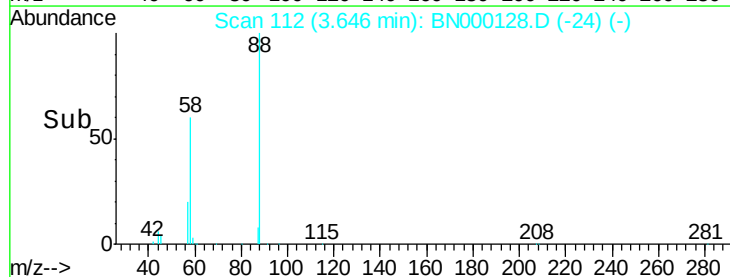
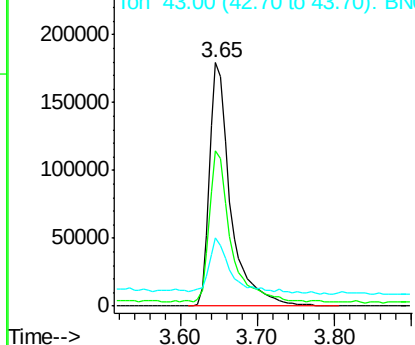
#2

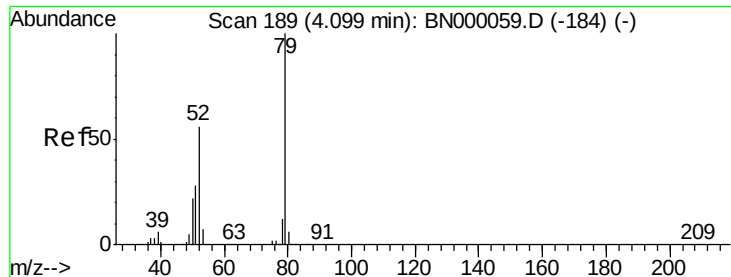
1,4-Dioxane
Concen: 31.153 ng
RT: 3.65 min Scan# 112
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion: 88 Resp: 338017
Ion Ratio Lower Upper
88 100
58 62.6 52.0 78.0
43 21.3 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: 32.142 ng

RT: 4.09 min Scan# 188

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

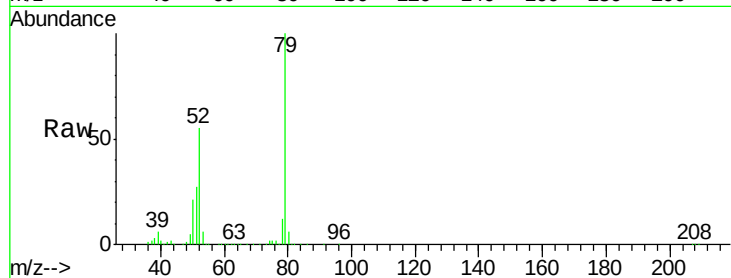
Tot Ion: 79 Resp: 1085584

Ion Ratio Lower Upper

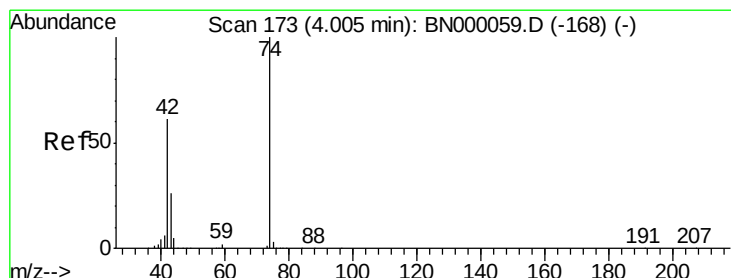
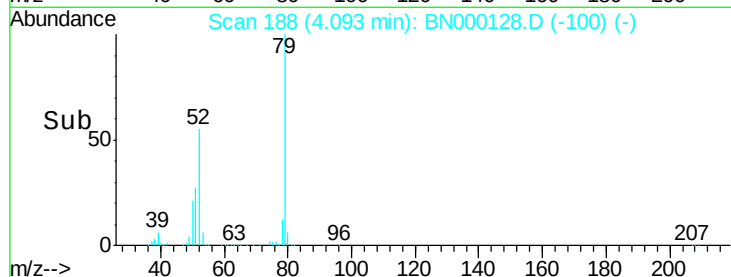
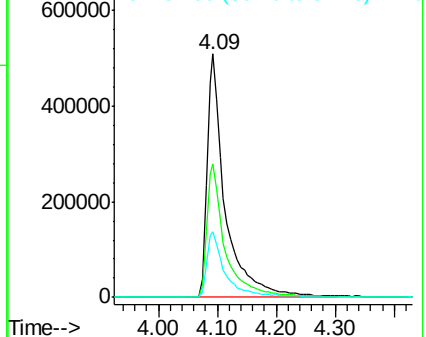
79 100

52 54.7 44.0 66.0

51 27.0 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: 44.100 ng

RT: 4.00 min Scan# 172

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

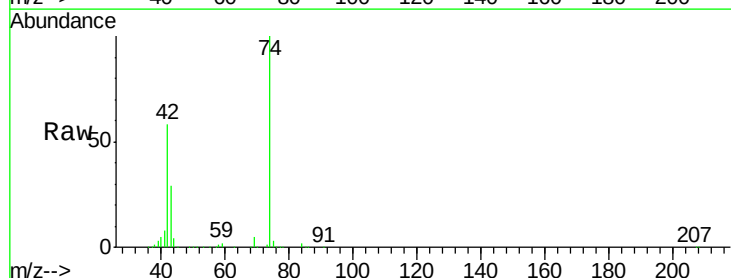
Tgt Ion: 42 Resp: 421221

Ion Ratio Lower Upper

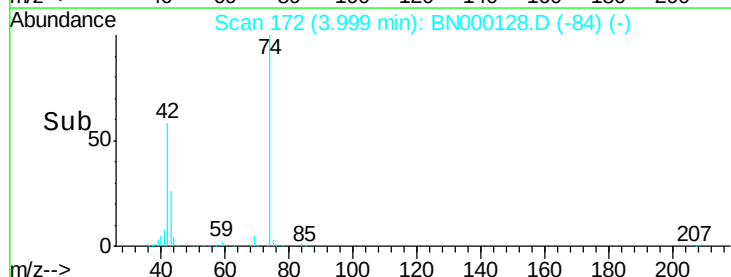
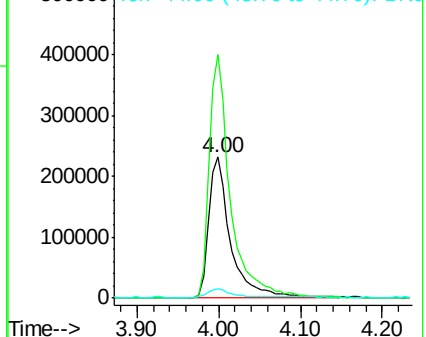
42 100

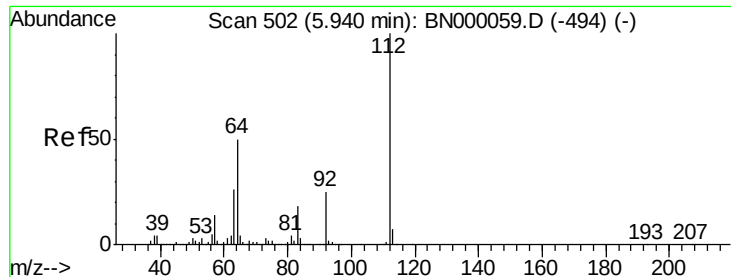
74 172.8 128.0 192.0

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: 110.003 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

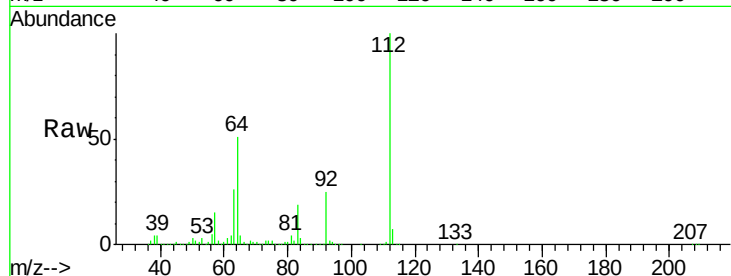
Tot Ion:112 Resp: 2966186

Ion Ratio Lower Upper

112 100

64 51.3 56.3 84.5#

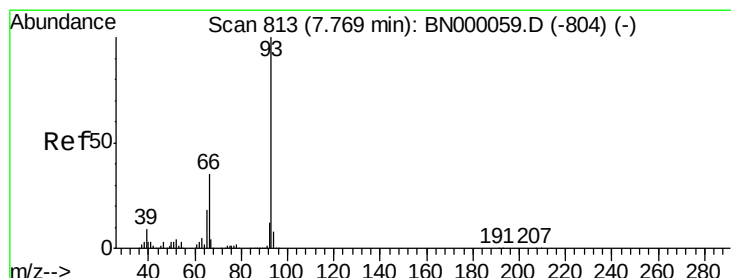
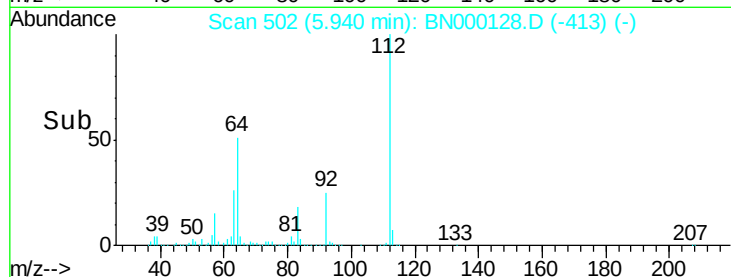
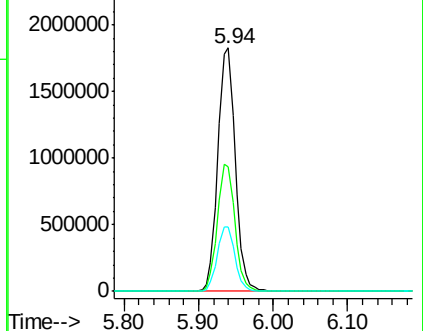
63 26.5 30.1 45.1#



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: 23.570 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

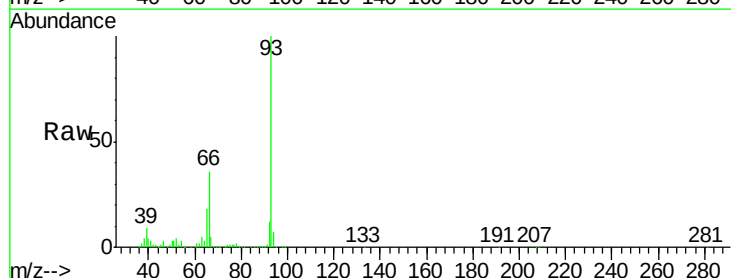
Tgt Ion: 93 Resp: 1326327

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

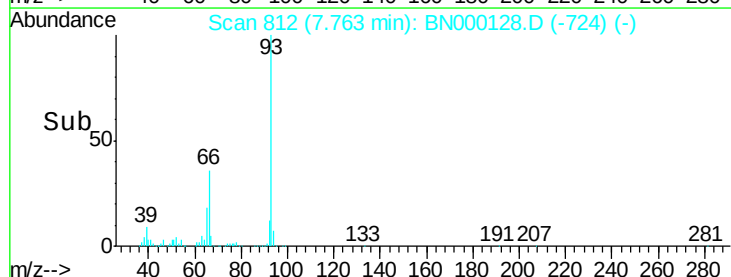
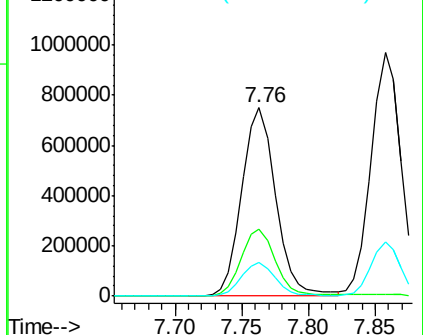
65 17.7 16.1 24.1

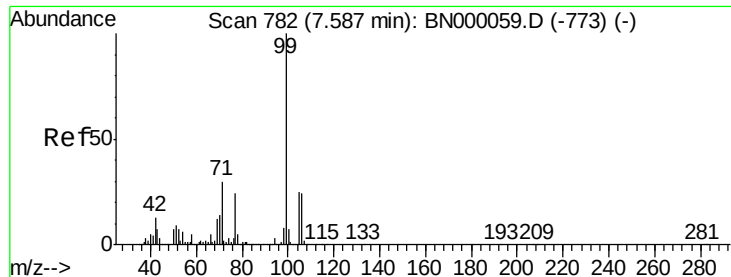


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 102.947 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

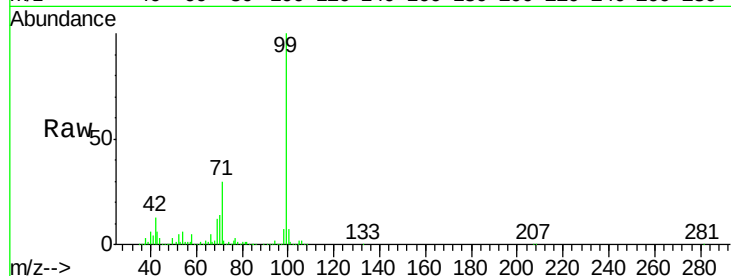
BNA_N

ClientSampleId :

PB106645BSD

Tot Ion: 99 Resp: 4204861

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.3	26.1	39.1

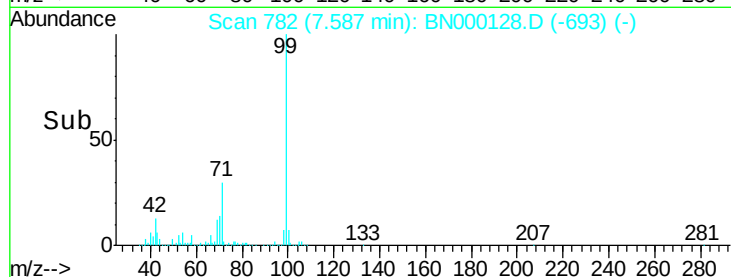


Abundance Ion 99.00 (98.70 to 99.70): BN000128.D (-693) (-)

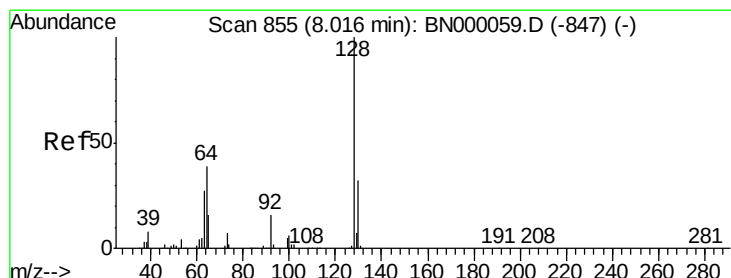
Ion 42.00 (41.70 to 42.70): BN000128.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BN000128.D (-693) (-)

Time-->



Time-->



#8

2-Chlorophenol

Concen: 50.864 ng

RT: 8.01 min Scan# 854

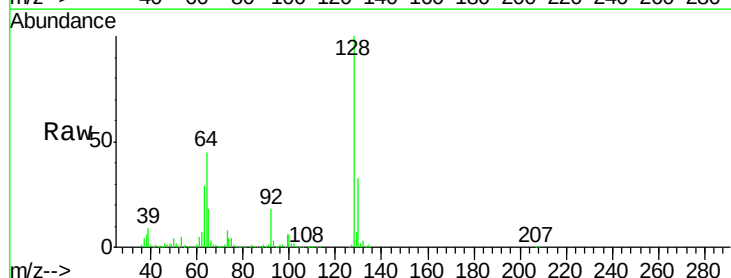
Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion: 128 Resp: 1603899

Ion	Ratio	Lower	Upper
128	100		
130	32.6	14.0	54.0
64	45.4	37.7	77.7

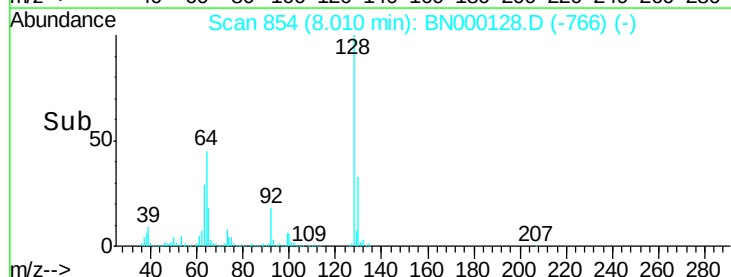


Abundance Ion 128.00 (127.70 to 128.70): BN000128.D (-766) (-)

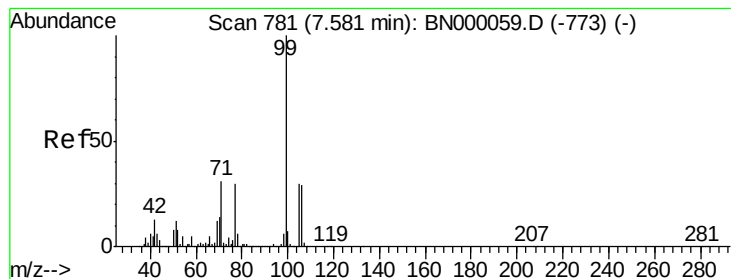
Ion 130.00 (129.70 to 130.70): BN000128.D (-766) (-)

Ion 64.00 (63.70 to 64.70): BN000128.D (-766) (-)

Time-->



Time-->



#9

Benzaldehyde

Concen: 9.382 ng

RT: 7.57 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

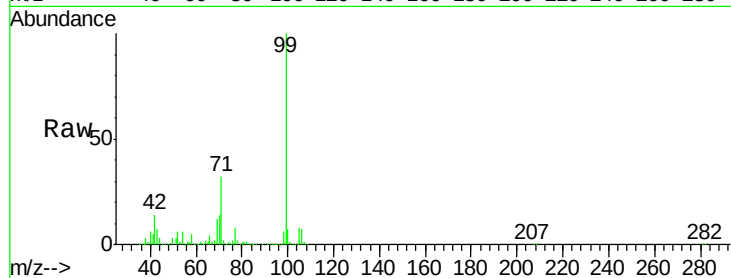
Tot Ion: 77 Resp: 238392

Ion Ratio Lower Upper

77 100

105 97.6 71.3 111.3

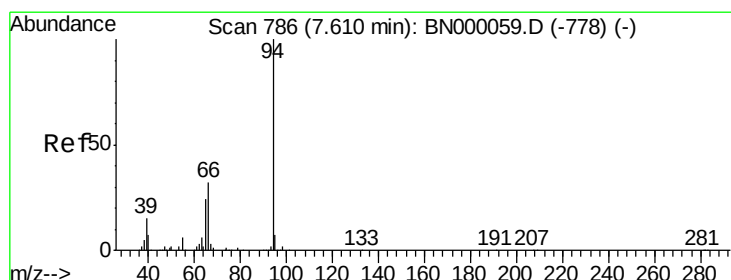
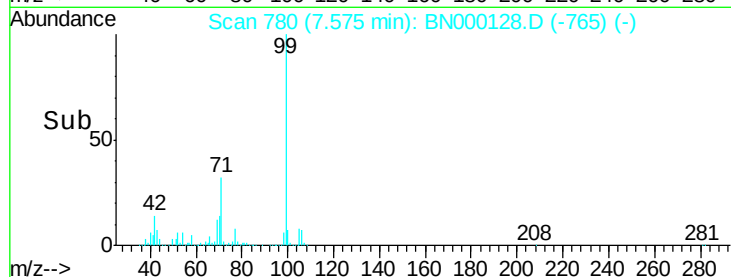
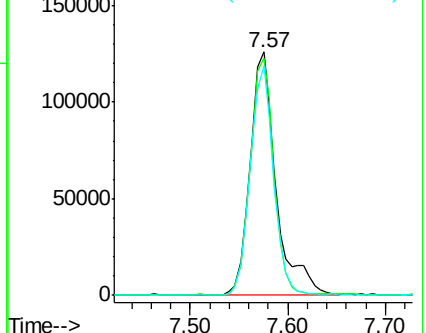
106 94.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 53.147 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

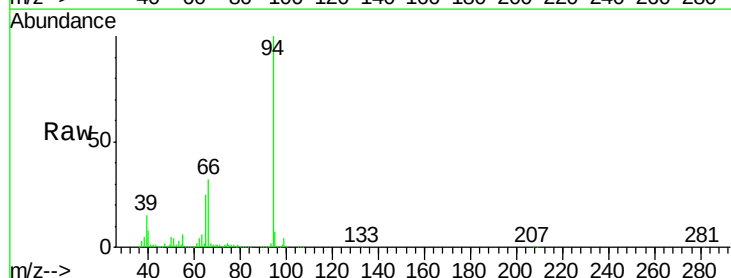
Tgt Ion: 94 Resp: 2291518

Ion Ratio Lower Upper

94 100

65 24.7 11.9 51.9

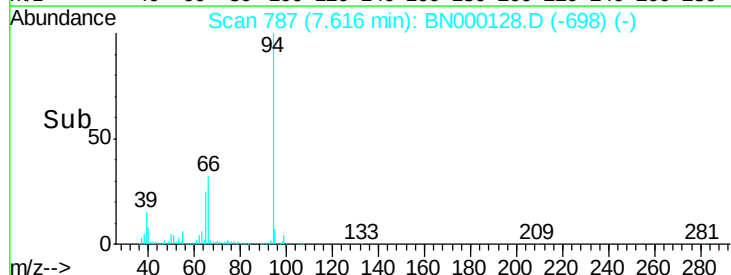
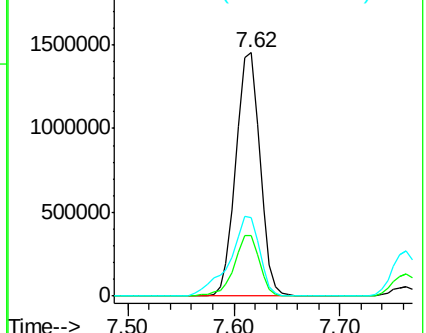
66 32.3 22.2 62.2

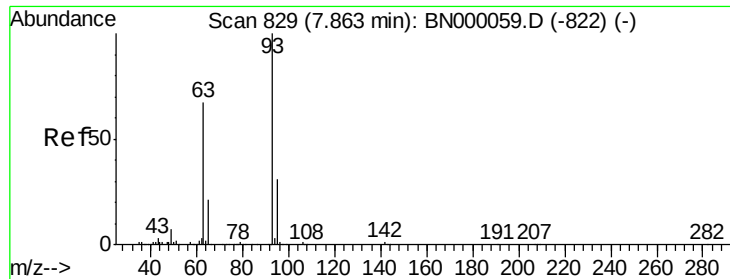


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

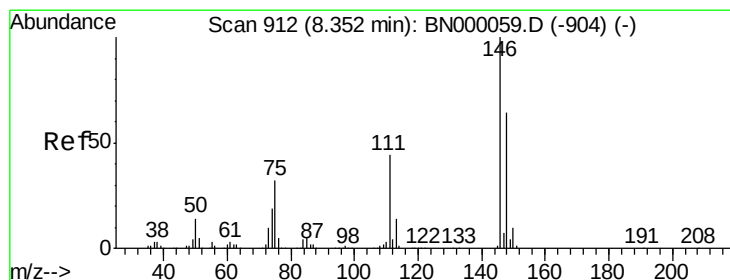
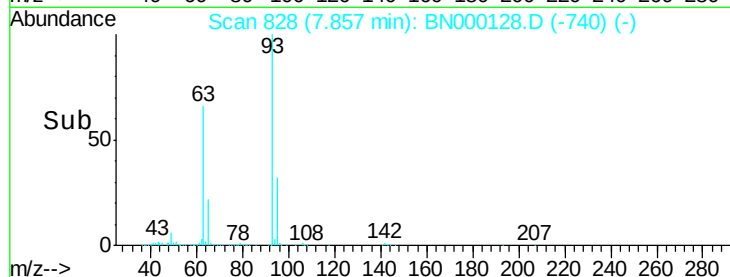
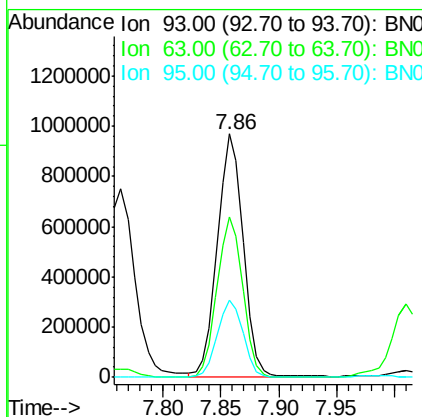
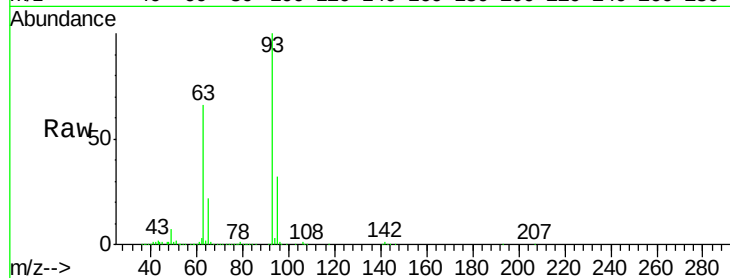




#11
bis(2-Chloroethyl)ether
Concen: 42.738 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

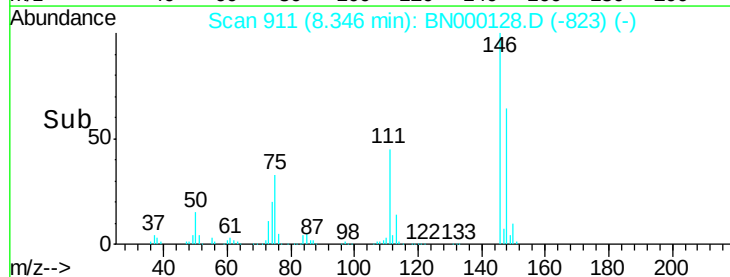
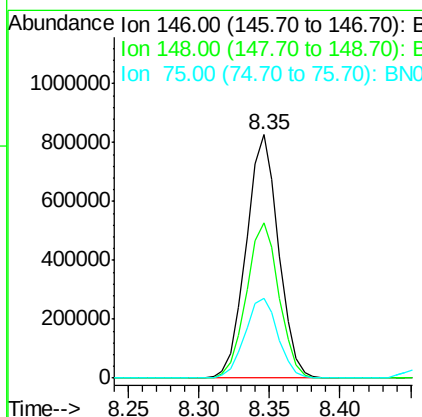
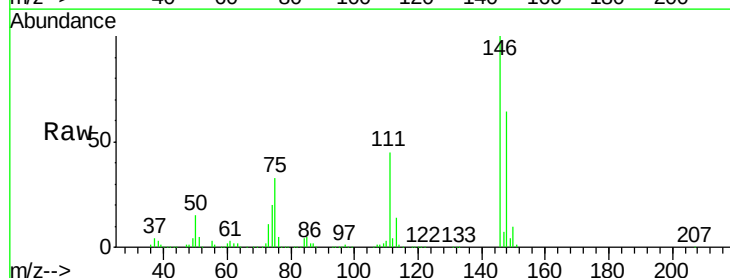
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

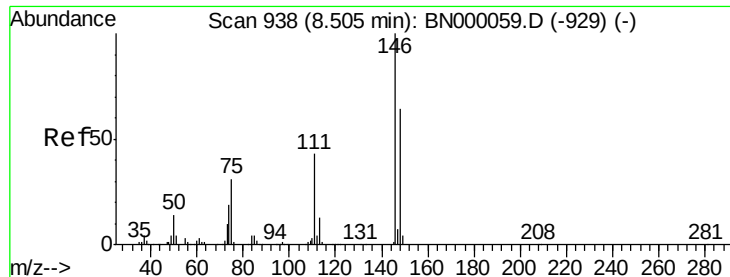
Tot Ion: 93 Resp: 151532
Ion Ratio Lower Upper
93 100
63 65.9 67.1 107.1#
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.982 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion: 146 Resp: 1325065
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 32.7 26.6 39.8

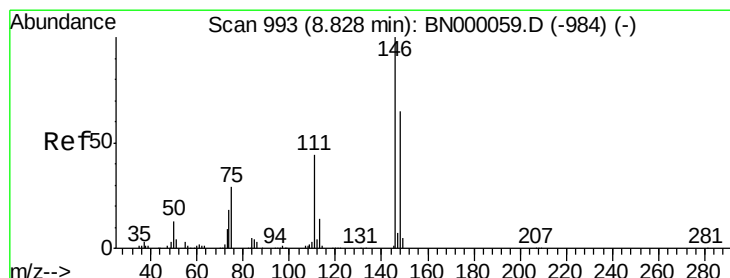
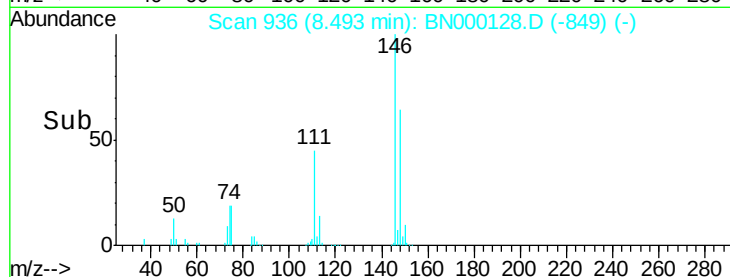
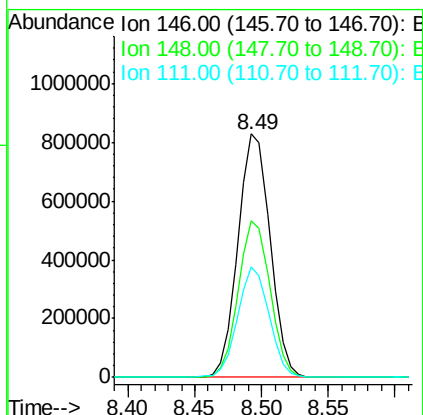
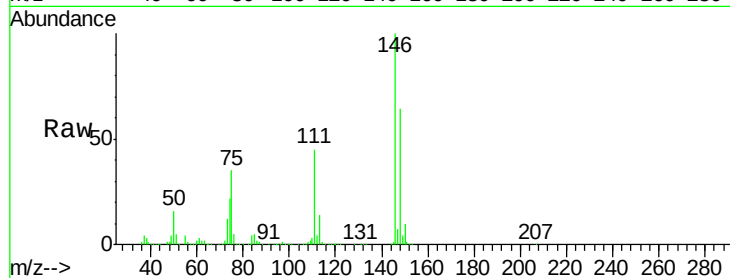




#13
 1,4-Dichlorobenzene
 Concen: 37.722 ng
 RT: 8.49 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

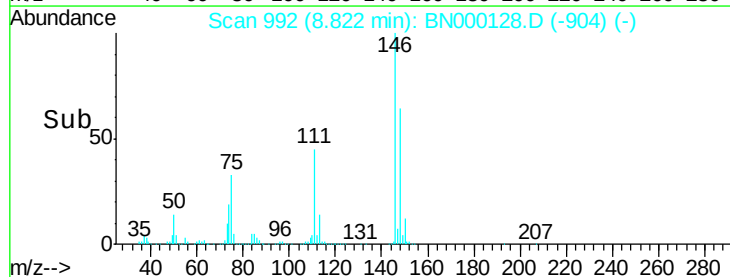
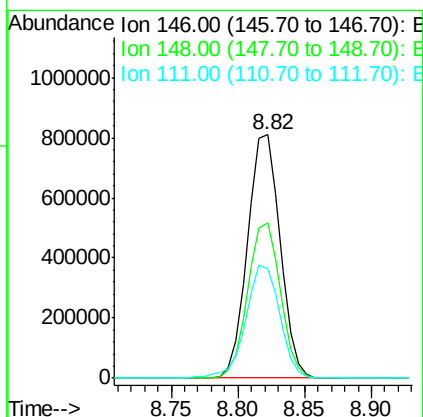
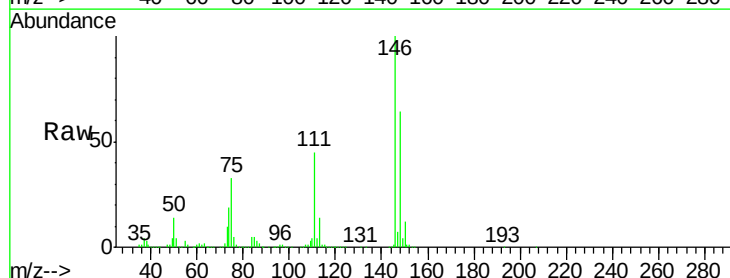
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

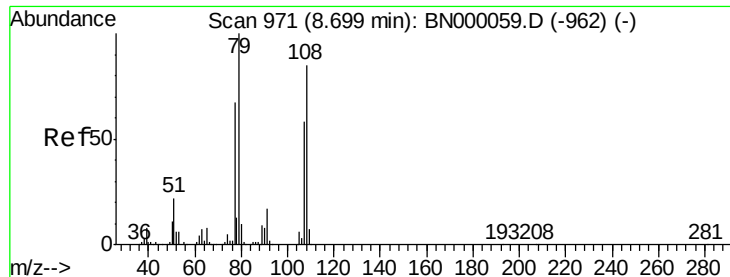
Tot Ion:146 Resp: 1380213
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.7 80.5
 111 45.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.827 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:146 Resp: 1362462
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 44.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 49.034 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

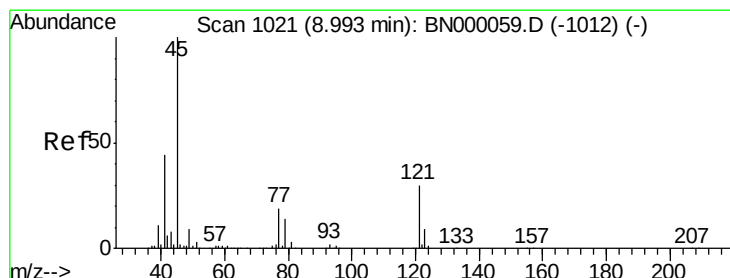
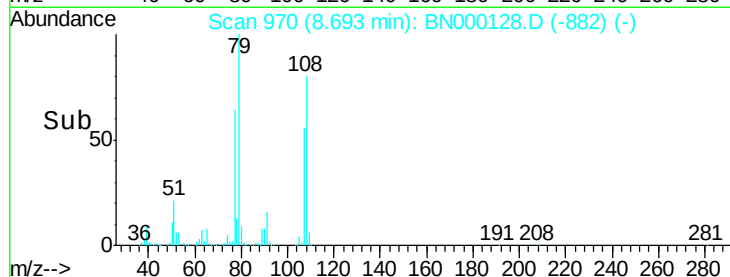
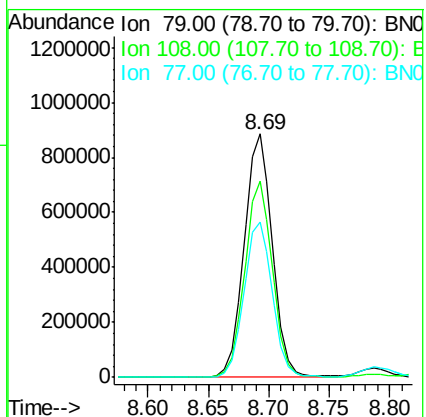
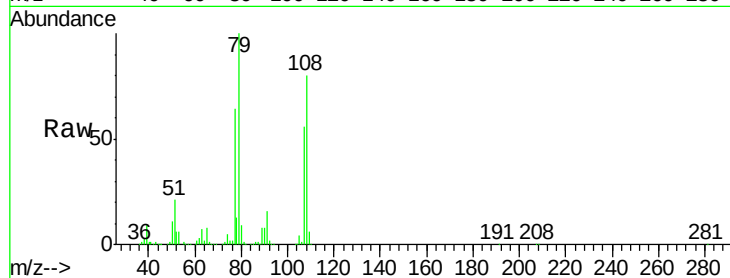
Tot Ion: 79 Resp: 1439517

Ion Ratio Lower Upper

79 100

108 80.4 57.2 85.8

77 63.9 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.023 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

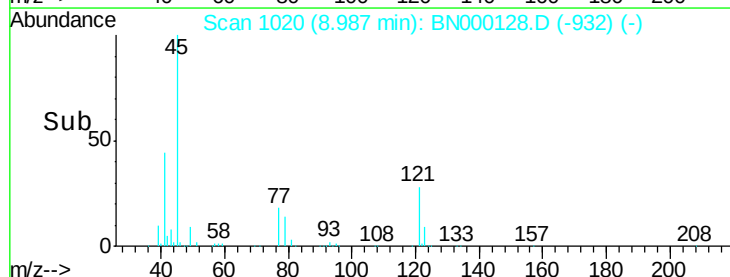
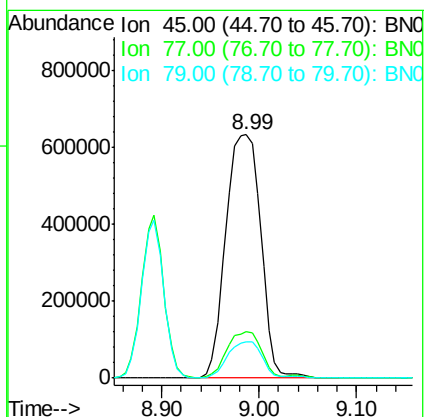
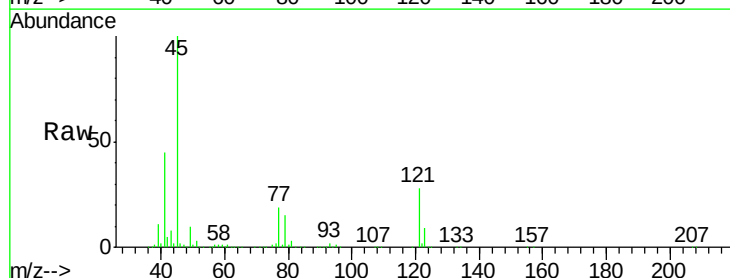
Tgt Ion: 45 Resp: 1577282

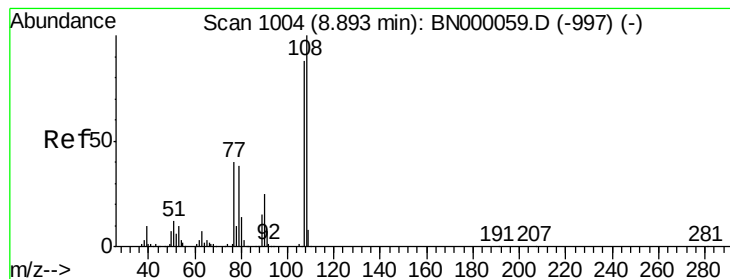
Ion Ratio Lower Upper

45 100

77 18.9 0.0 30.2

79 14.7 0.0 27.9



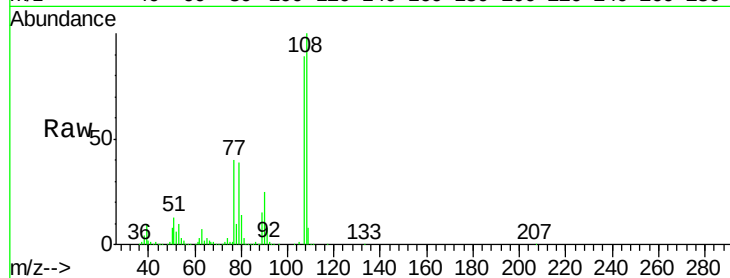


#17
2-Methylphenol
Concen: 48.800 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Tot Ion:107 Resp: 1495222

Ion	Ratio	Lower	Upper
107	100		
108	111.9	83.9	125.9
77	44.7	37.2	55.8
79	43.4	36.2	54.2



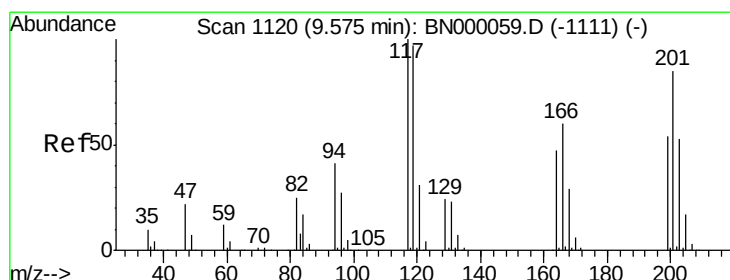
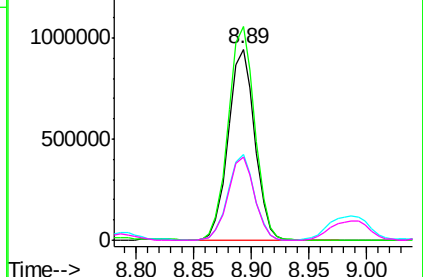
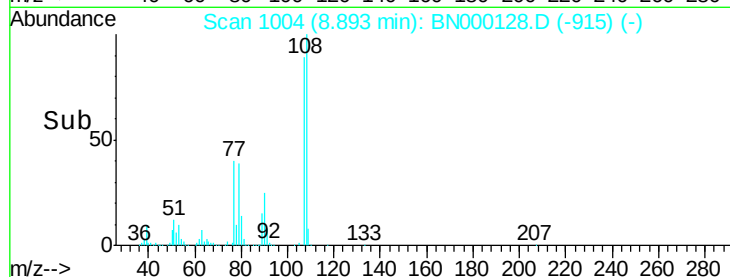
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

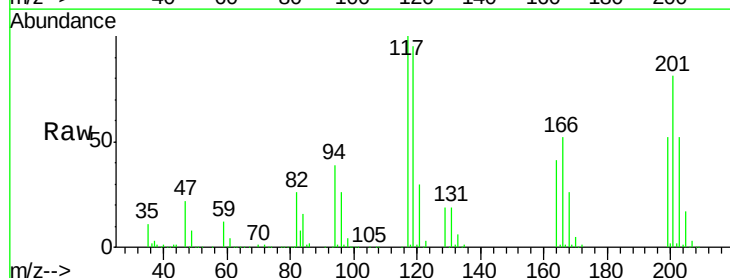
Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 39.543 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:117 Resp: 503670

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
201	81.2	95.7	143.5#

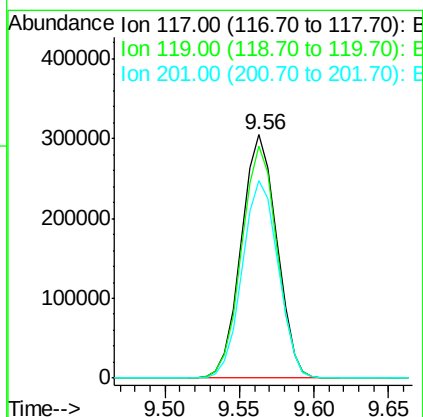
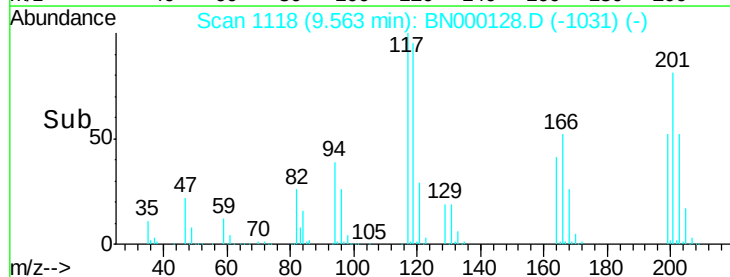


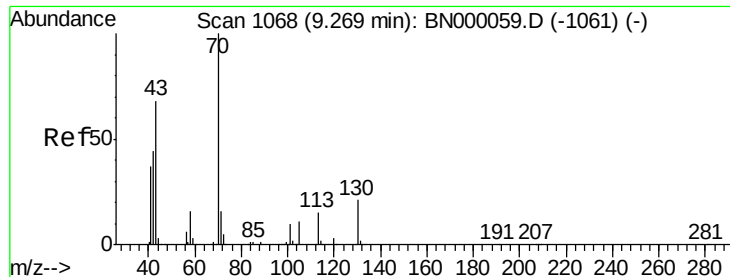
Abundance

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

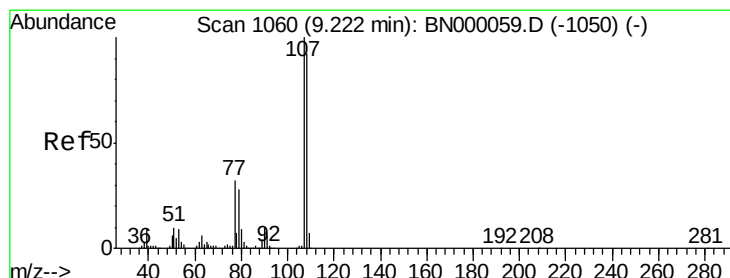
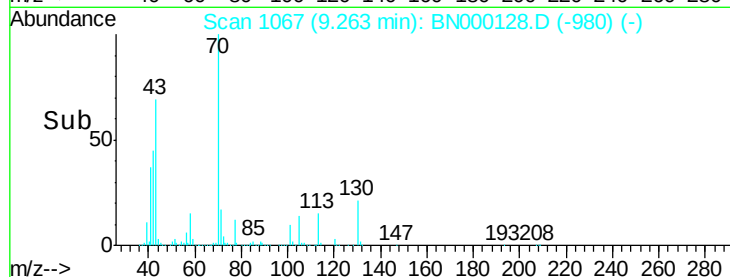
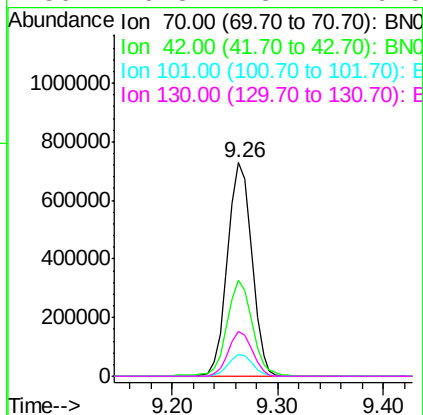
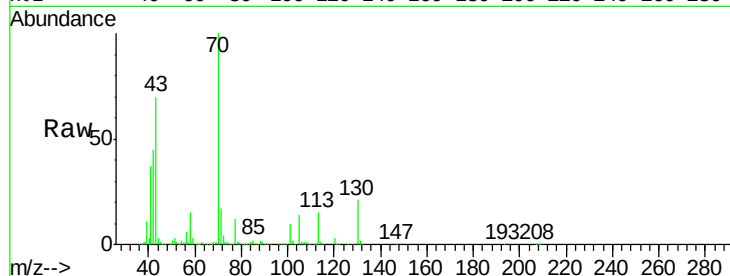




#19
n-Nitroso-di-n-propylamine
Concen: 42.224 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

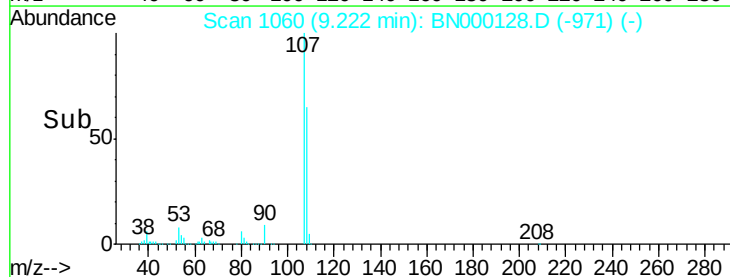
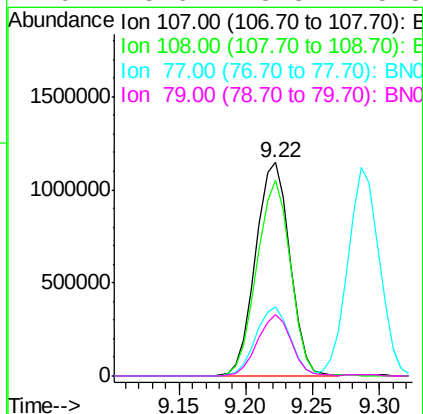
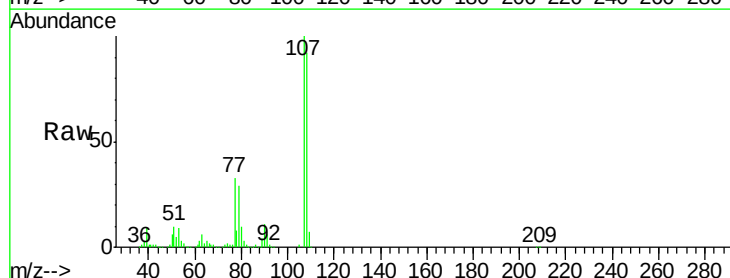
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

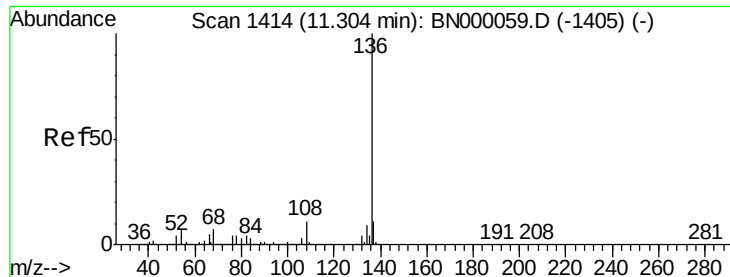
Tot Ion: 70 Resp: 1155648
Ion Ratio Lower Upper
70 100
42 44.7 49.1 73.7#
101 9.9 8.5 12.7
130 20.8 13.4 20.0#



#20
3+4-Methylphenols
Concen: 47.693 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:107 Resp: 2043738
Ion Ratio Lower Upper
107 100
108 91.8 61.6 101.6
77 32.6 13.9 53.9
79 28.6 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: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

Tot Ion:136 Resp: 2274911

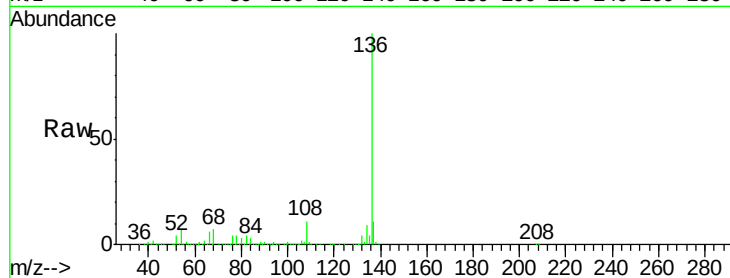
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 7.2 4.5 6.7#

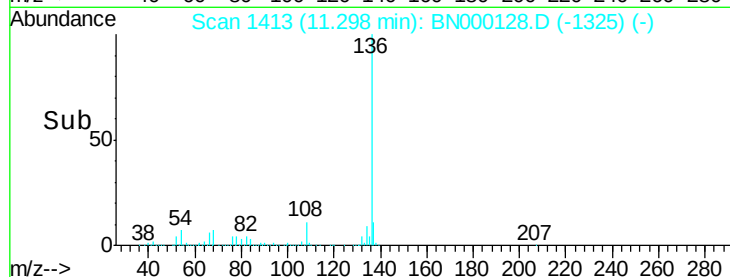


Abundance Ion 136.00 (135.70 to 136.70): E

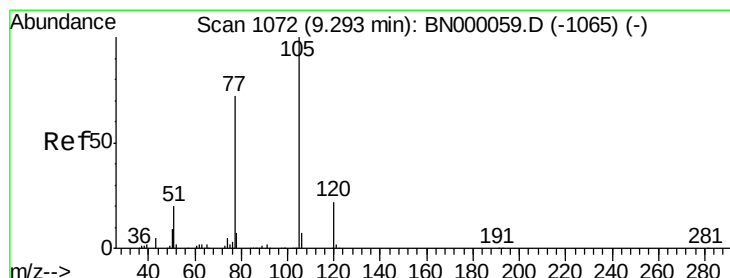
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#22

Acetophenone

Concen: 38.147 ng

RT: 9.29 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:105 Resp: 2431770

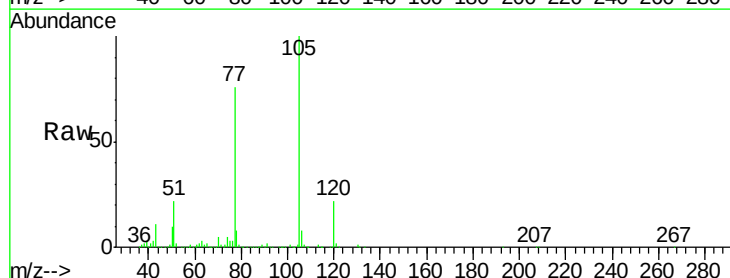
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 21.5 26.1 39.1#

120 22.2 17.4 26.2

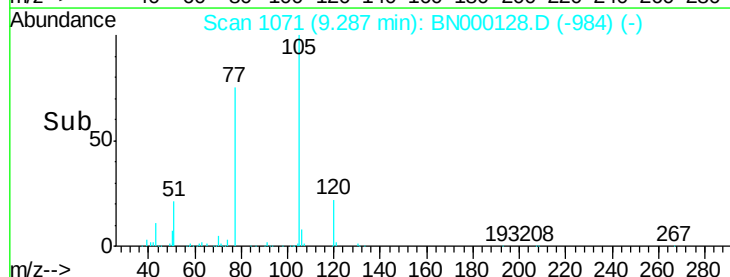


Abundance Ion 105.00 (104.70 to 105.70): E

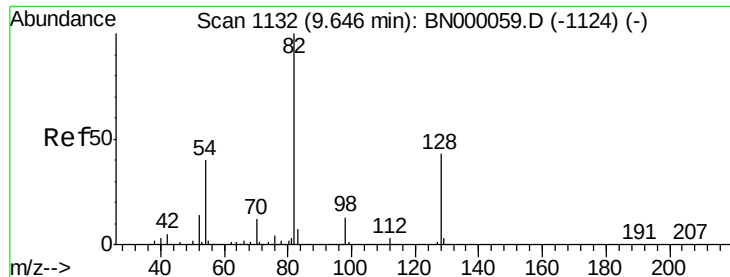
Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



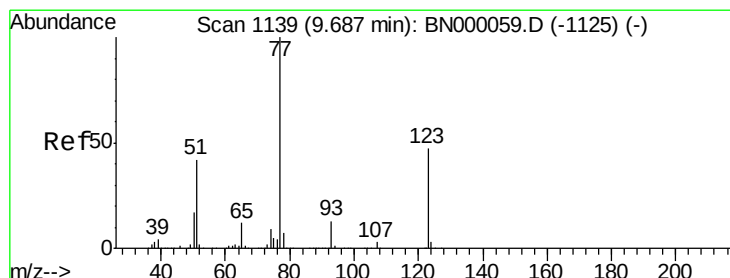
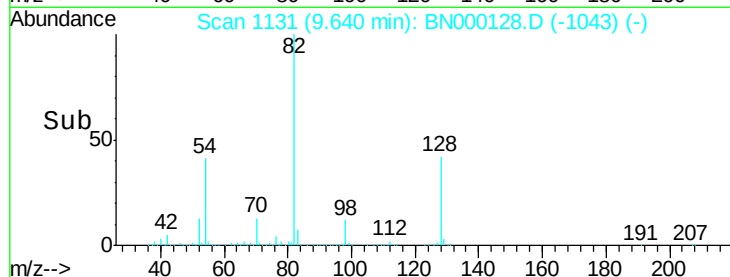
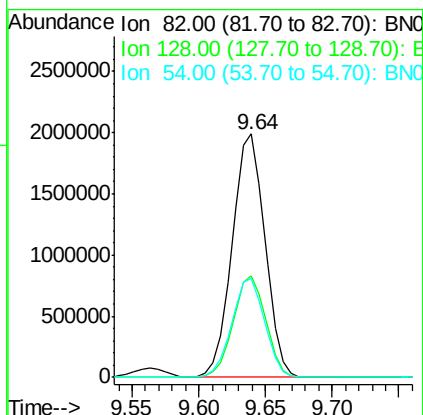
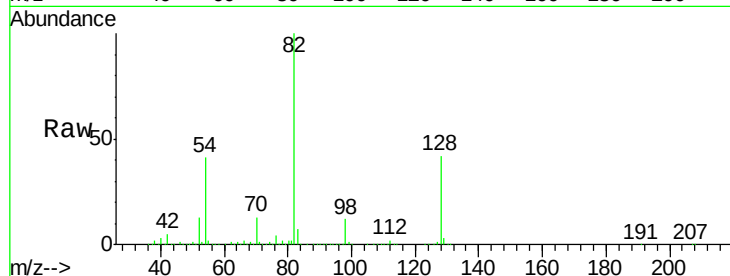
Time-->



#23
 Nitrobenzene-d5
 Concen: 88.764 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

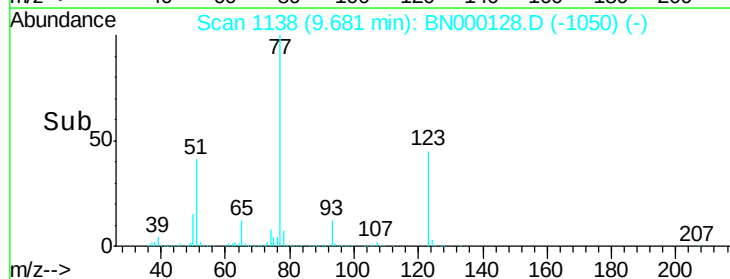
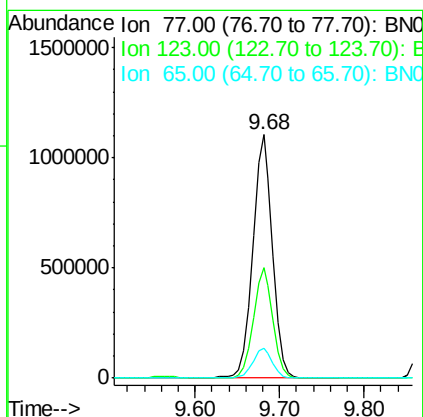
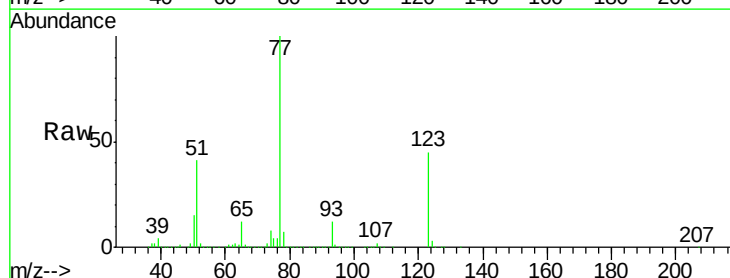
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

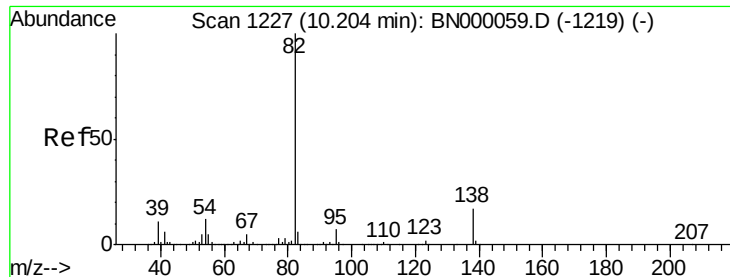
Tot Ion: 82 Resp: 3396325
 Ion Ratio Lower Upper
 82 100
 128 41.9 29.7 44.5
 54 40.8 43.1 64.7#



#24
 Nitrobenzene
 Concen: 42.805 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion: 77 Resp: 1790512
 Ion Ratio Lower Upper
 77 100
 123 45.4 33.0 49.6
 65 12.4 13.0 19.6#





#25

Isophorone

Concen: 43.402 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

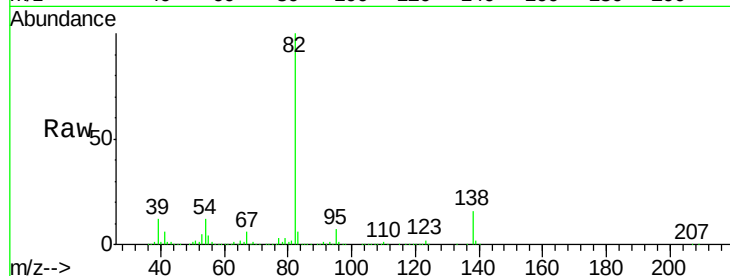
Tot Ion: 82 Resp: 3432856

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

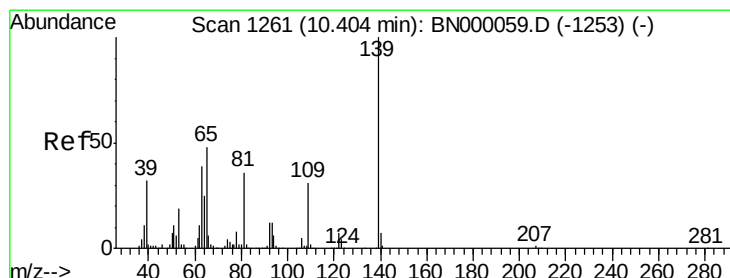
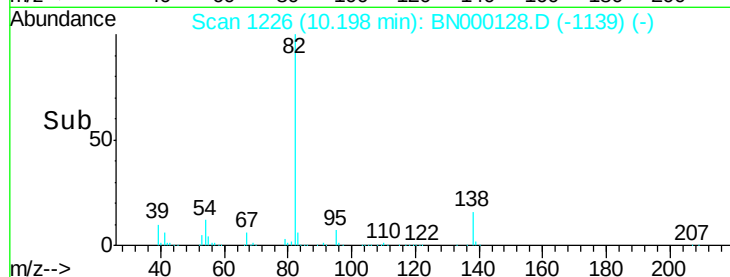
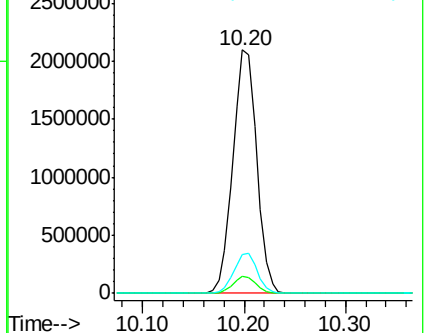
138 16.0 12.1 18.1



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: 43.305 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

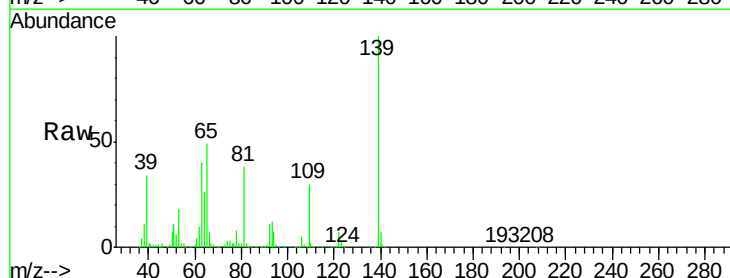
Tgt Ion: 139 Resp: 728129

Ion Ratio Lower Upper

139 100

109 30.1 24.2 36.2

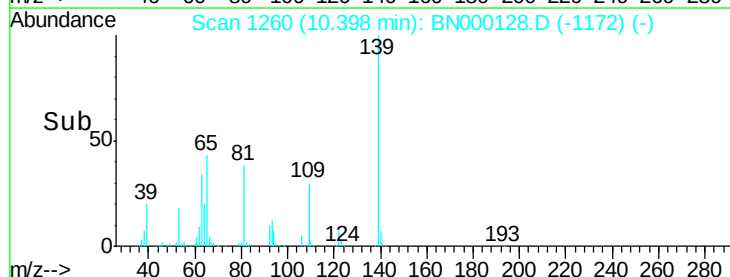
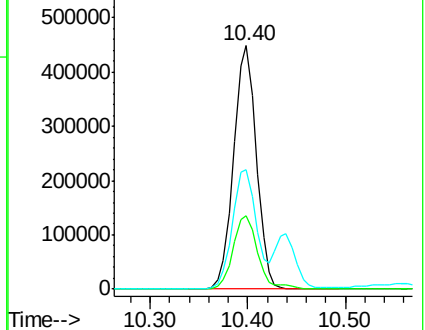
65 48.9 47.4 71.0

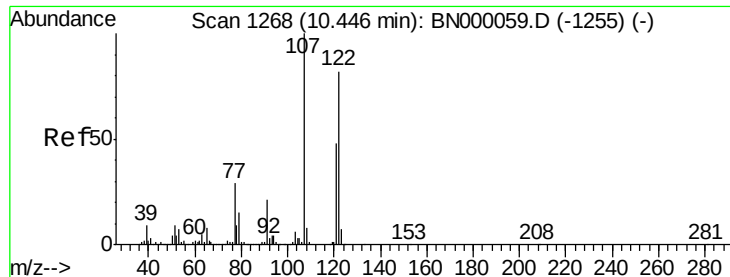


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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: 51.361 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

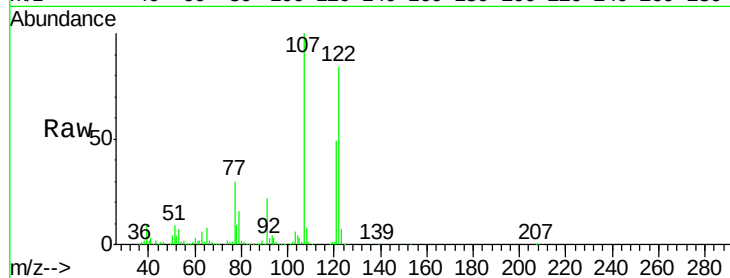
Tot Ion:122 Resp: 1761141

Ion Ratio Lower Upper

122 100

107 118.7 100.2 150.2

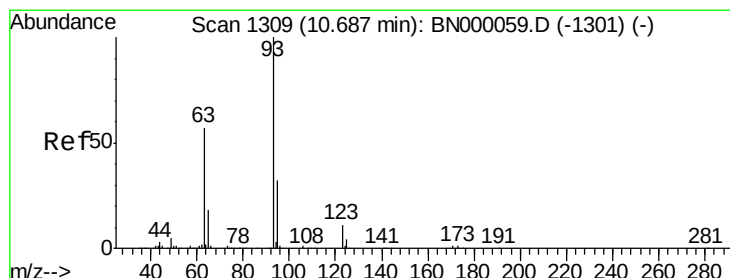
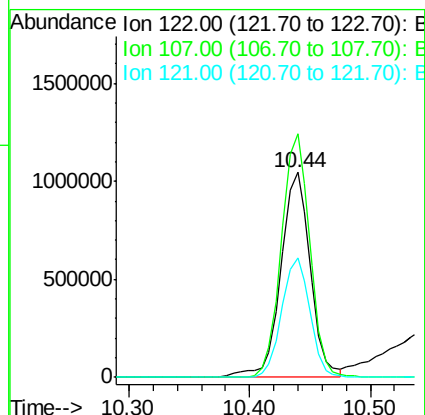
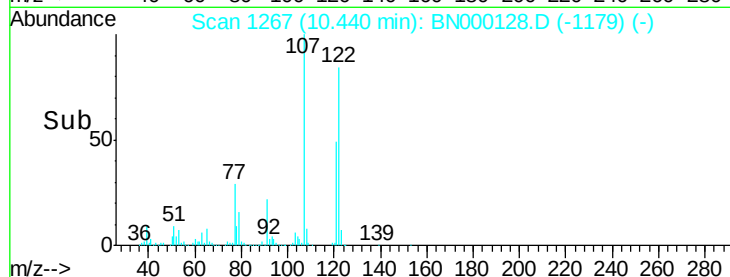
121 58.1 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.480 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

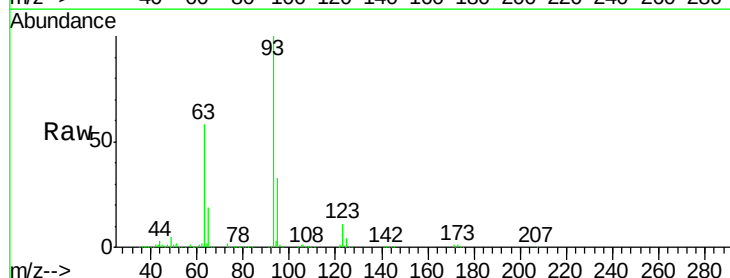
Tgt Ion: 93 Resp: 2256296

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

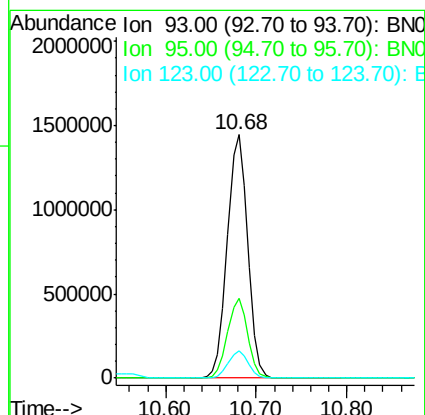
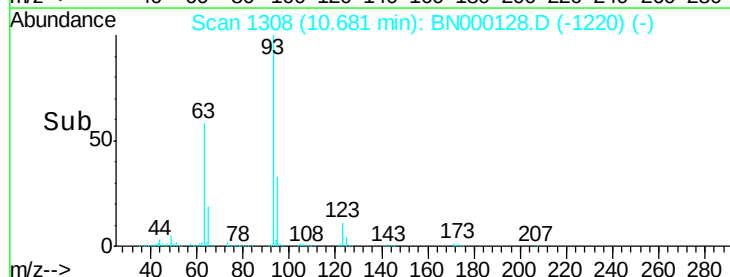
123 11.0 8.4 12.6

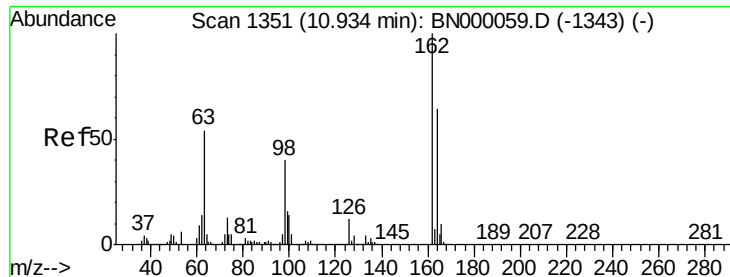


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

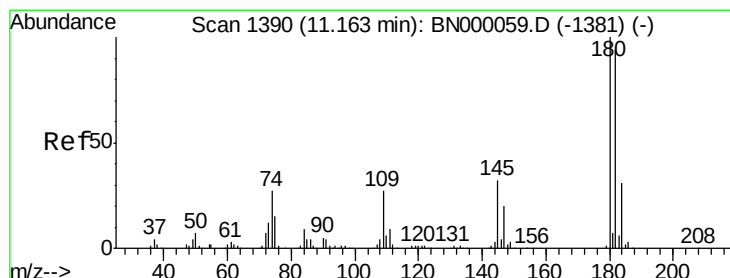
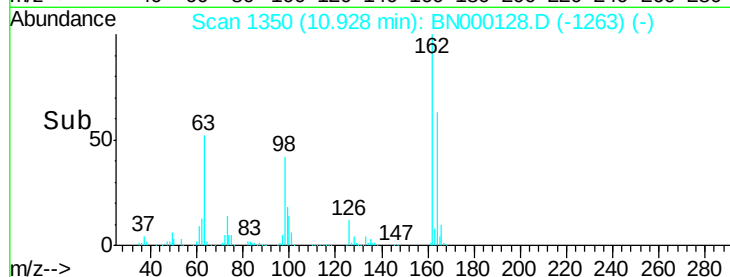
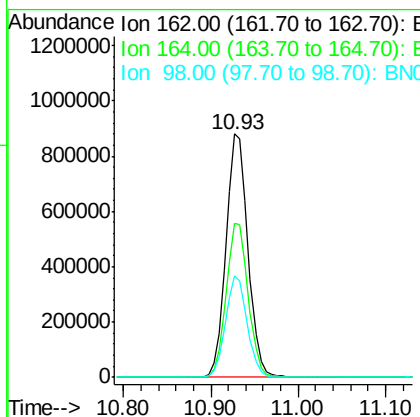
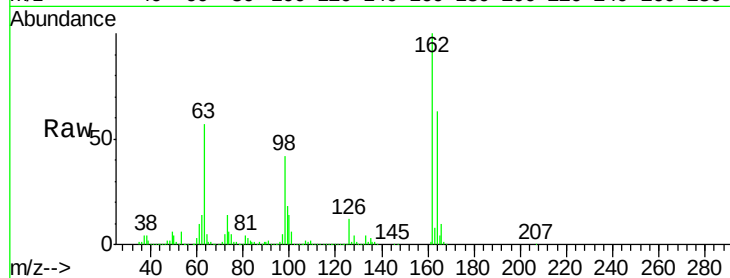




#29
 2,4-Dichlorophenol
 Concen: 47.642 ng
 RT: 10.93 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

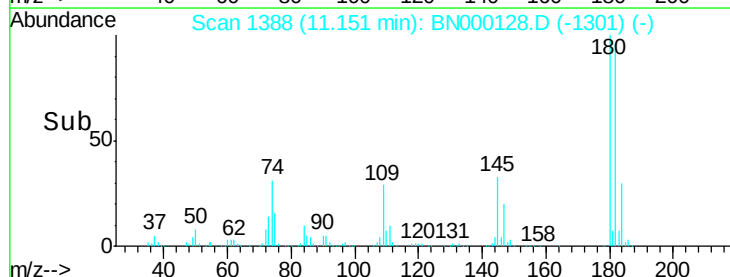
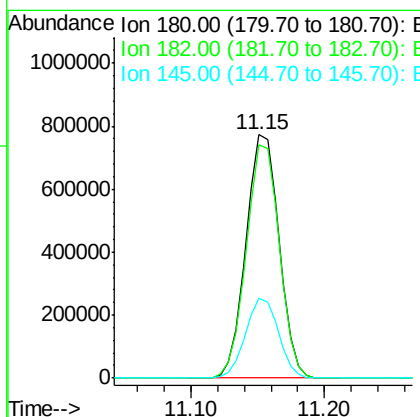
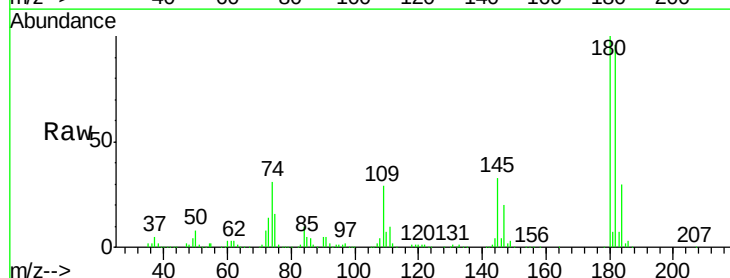
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

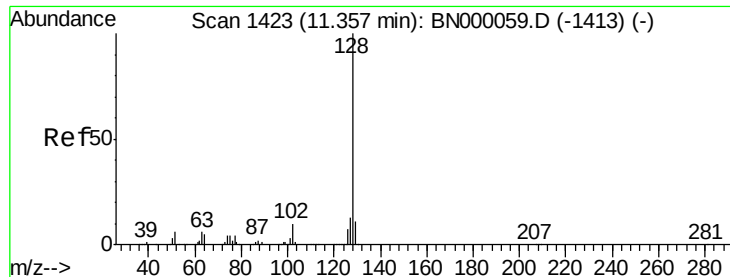
Tot Ion:162 Resp: 1511856
 Ion Ratio Lower Upper
 162 100
 164 63.4 48.0 88.0
 98 41.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.141 ng
 RT: 11.15 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:180 Resp: 1320745
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 33.0 23.4 35.2





#31

Naphthalene

Concen: 38.320 ng

RT: 11.35 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

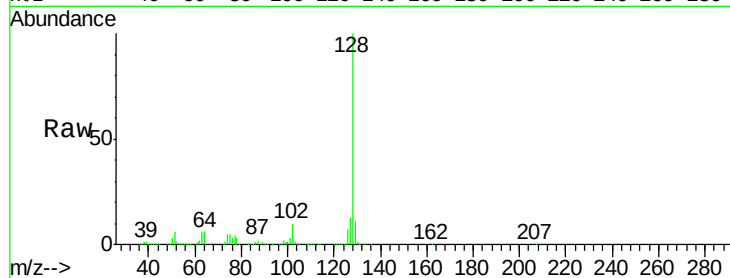
Tot Ion:128 Resp: 4779158

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

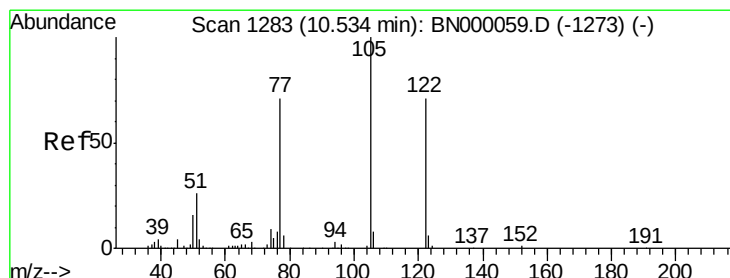
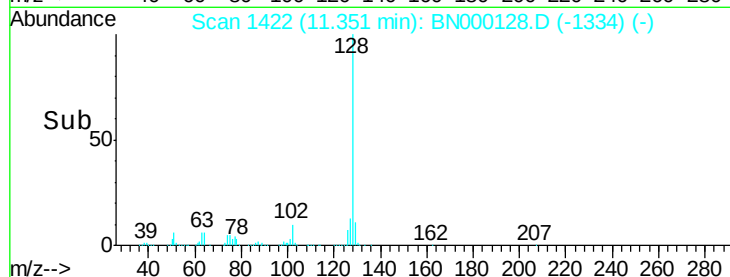
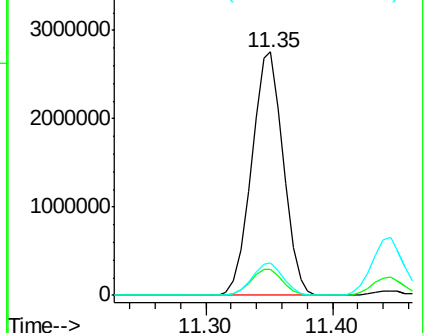
127 13.3 11.6 17.4



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: 42.193 ng

RT: 10.56 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

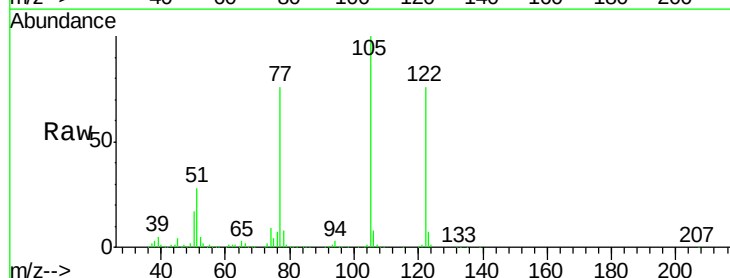
Tgt Ion:122 Resp: 1032637

Ion Ratio Lower Upper

122 100

105 131.0 123.5 163.5

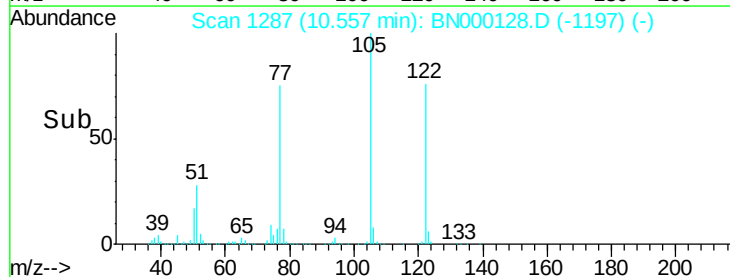
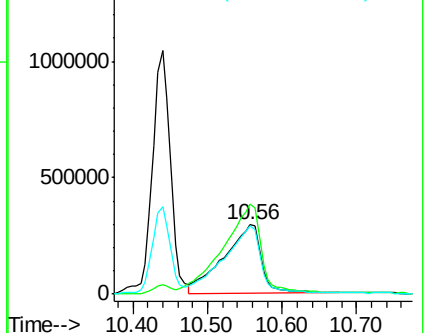
77 99.0 85.7 125.7

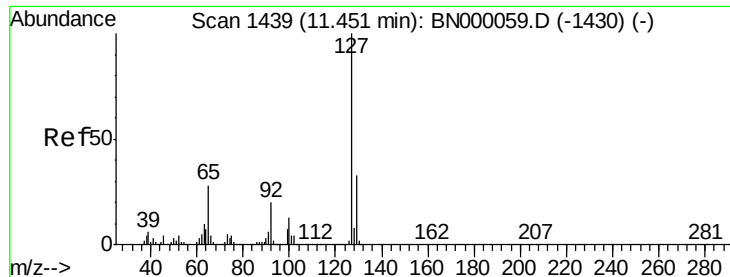


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

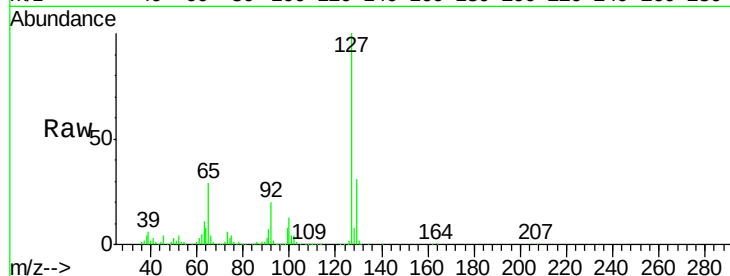




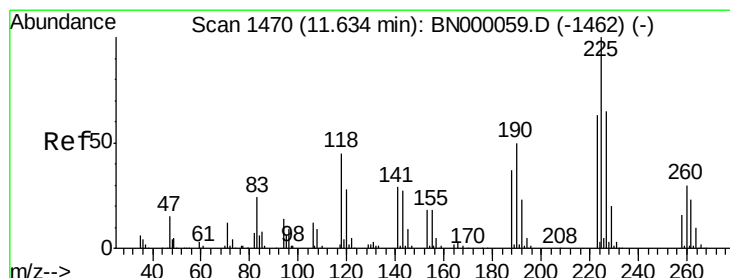
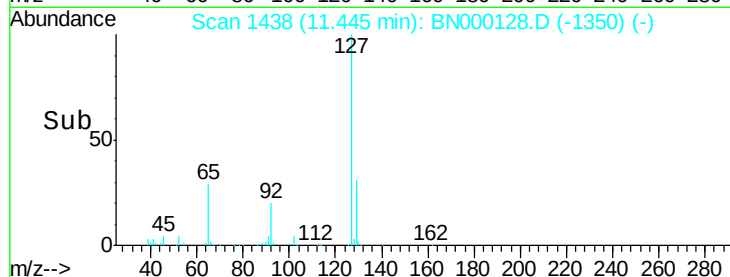
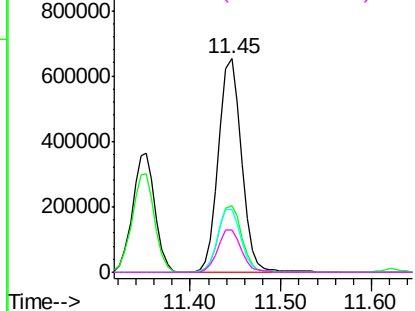
#33
4-Chloroaniline
Concen: 21.043 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Tot Ion:	127	Resp:	1152904
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.0	36.0
65	29.5	27.0	40.4
92	20.0	16.6	25.0

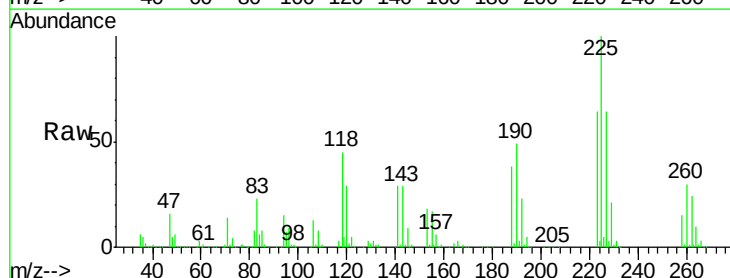


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

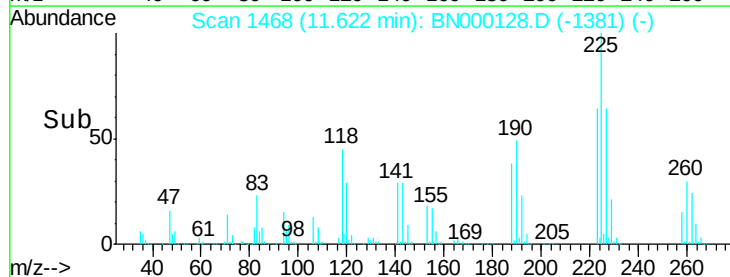
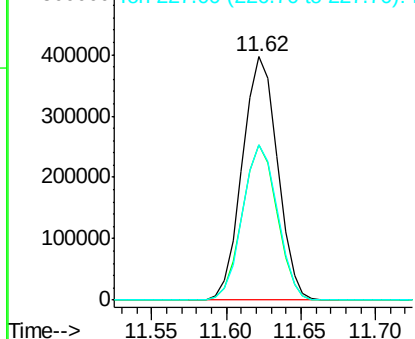


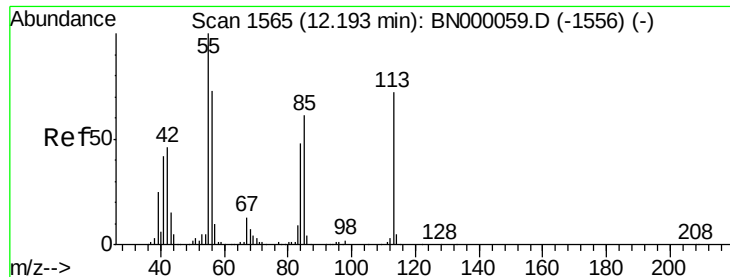
#34
Hexachlorobutadiene
Concen: 34.189 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:	225	Resp:	647872
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.6	48.1	72.1



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





#35

Caprolactam

Concen: 44.699 ng

RT: 12.20 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

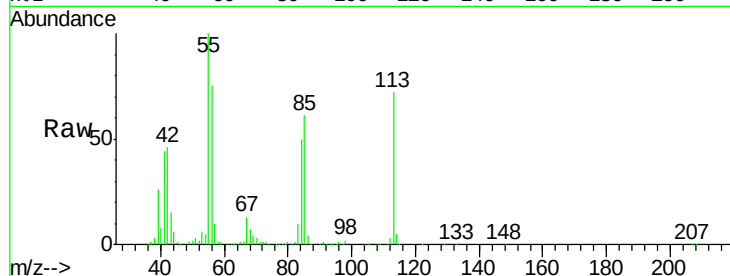
Tot Ion:113 Resp: 615834

Ion Ratio Lower Upper

113 100

55 139.6 120.0 160.0

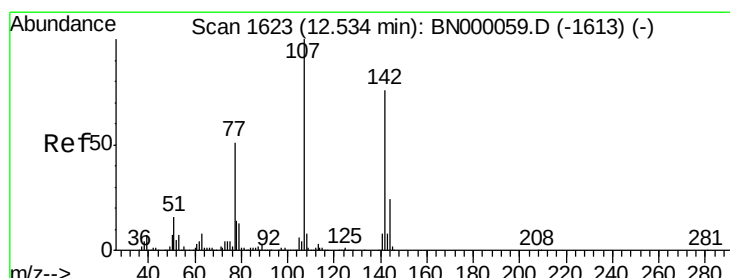
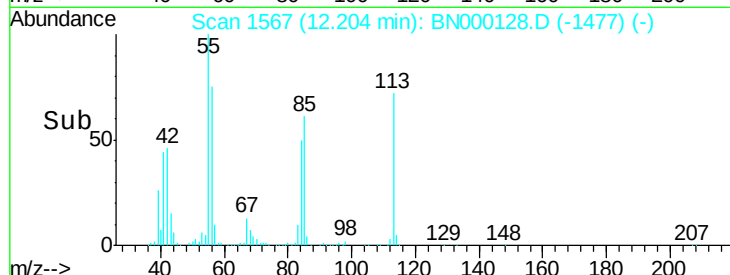
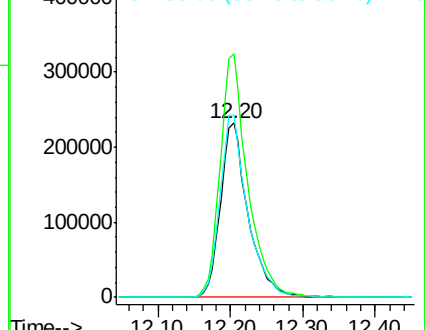
56 104.3 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 47.743 ng

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

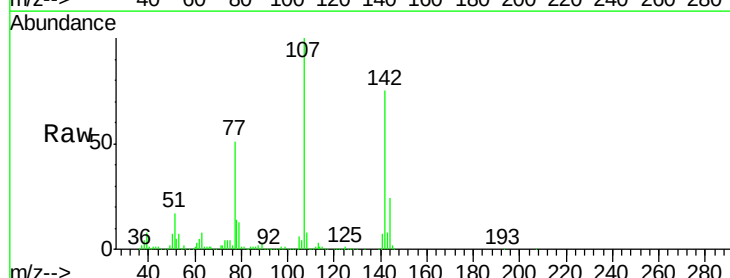
Tgt Ion:107 Resp: 1923504

Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.4

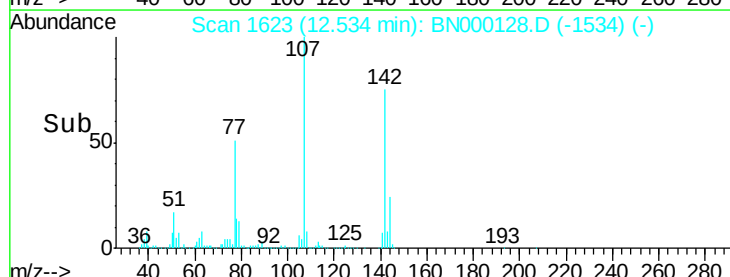
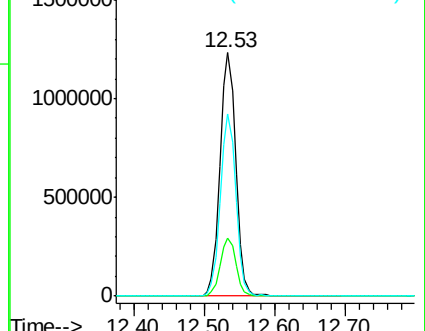
142 75.0 59.0 88.4

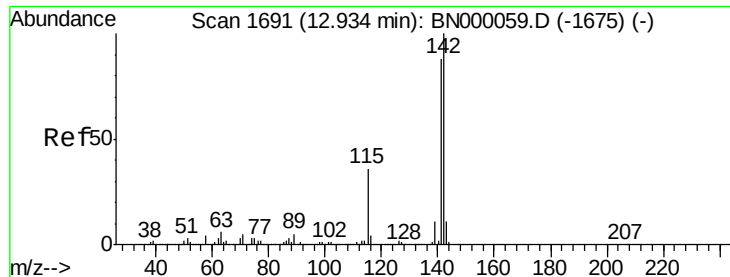


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

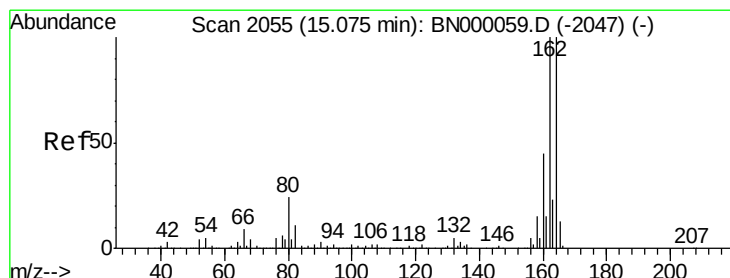
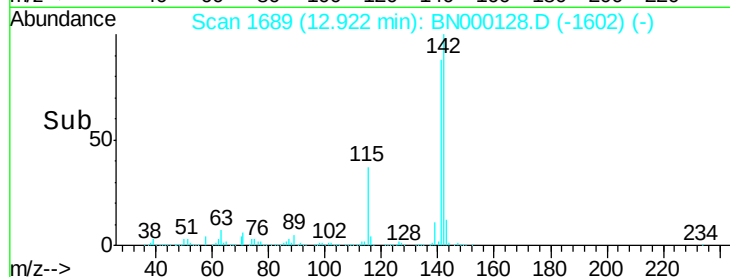
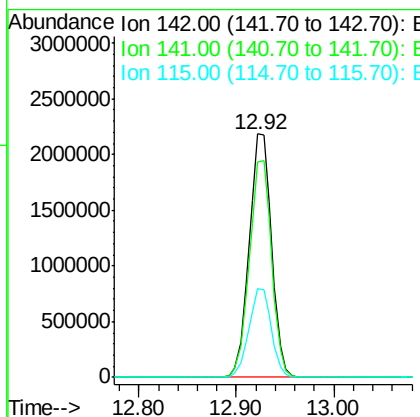
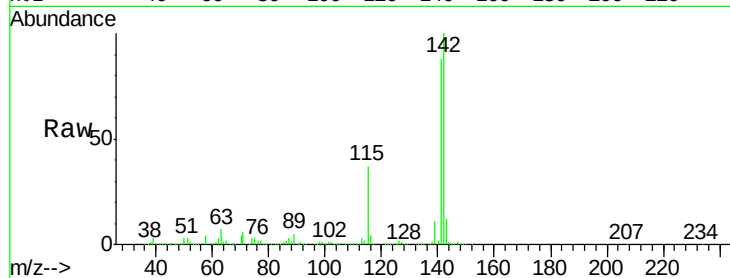




#37
 2-Methylnaphthalene
 Concen: 40.534 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

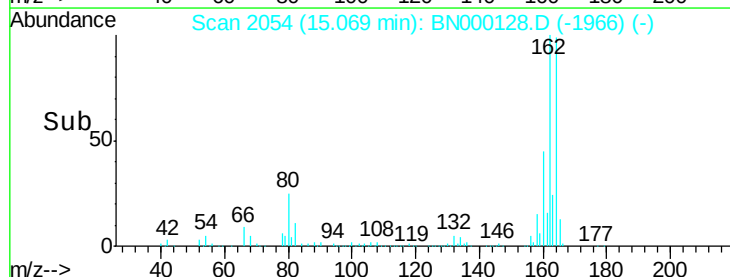
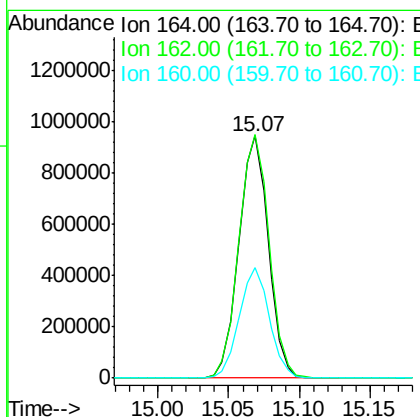
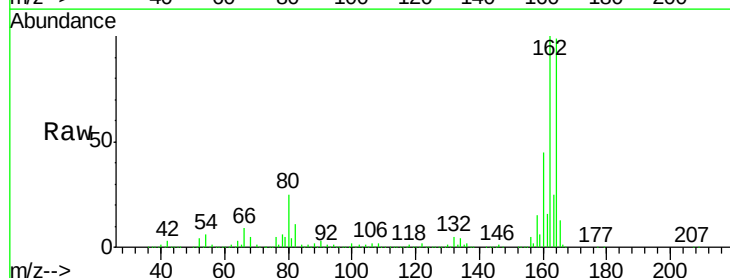
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

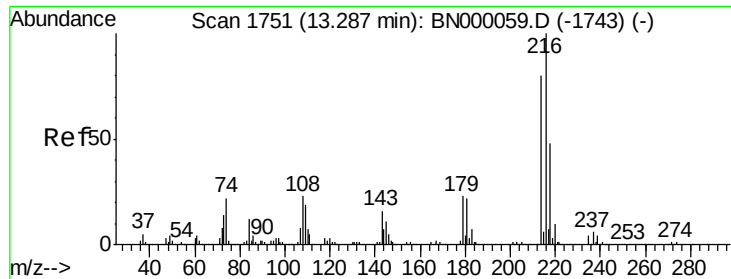
Tot Ion:142 Resp: 3517455
 Ion Ratio Lower Upper
 142 100
 141 88.2 67.1 100.7
 115 36.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:164 Resp: 1377180
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 45.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.900 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

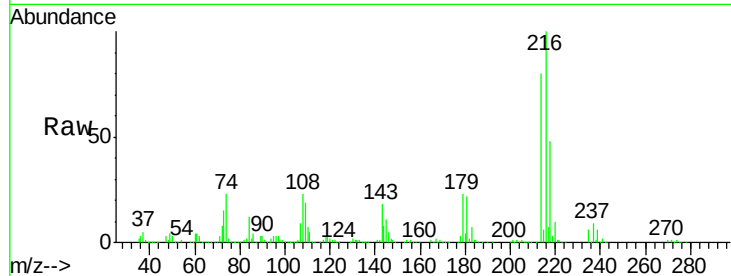
BNA_N

ClientSampleId :

PB106645BSD

Tot Ion:216 Resp: 1459340

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	23.4	17.0	25.6
108	27.6	12.8	19.2

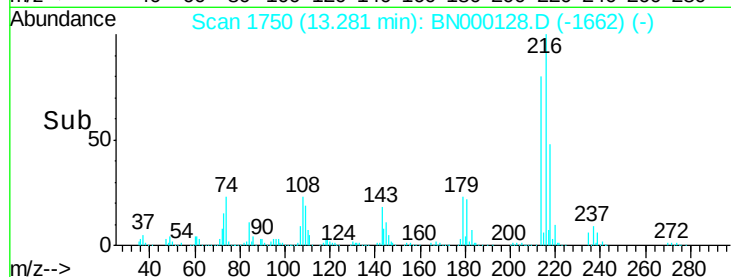


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

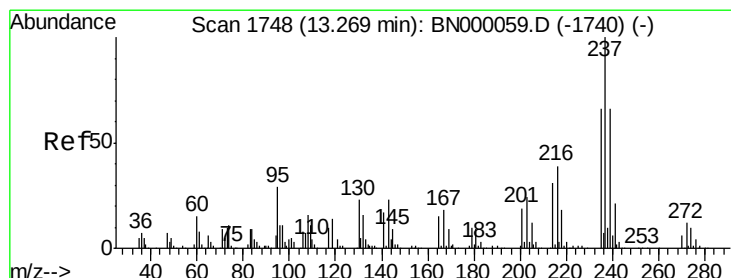
13.28

1000000

500000

0

13.20 13.25 13.30 13.35



#40

Hexachlorocyclopentadiene

Concen: 85.120 ng

RT: 13.26 min Scan# 1746

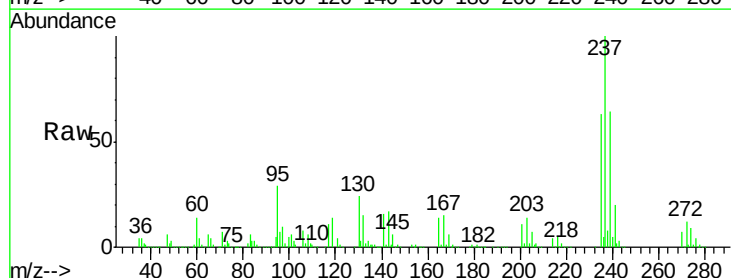
Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:237 Resp: 1442354

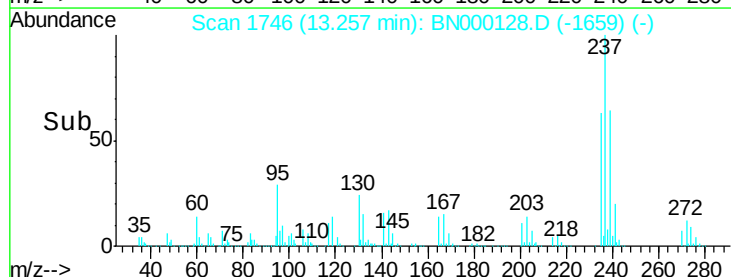
Ion	Ratio	Lower	Upper
237	100		
235	63.3	50.4	90.4
272	12.1	0.0	31.8



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



Time-->

13.26

1200000

1000000

800000

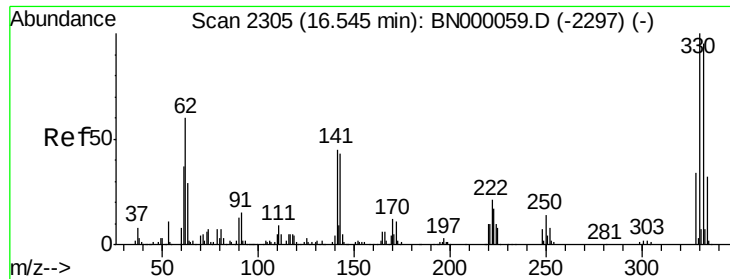
600000

400000

200000

0

13.20 13.25 13.30



#41

2,4,6-Tribromophenol

Concen: 84.478 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

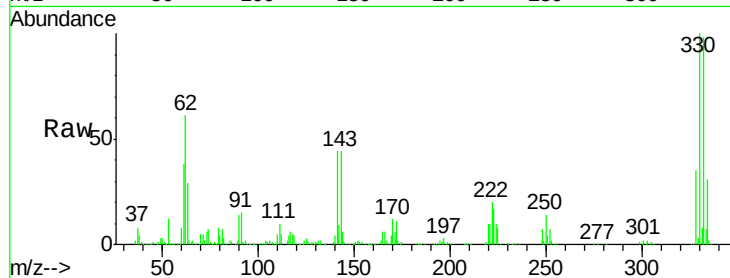
Tot Ion:330 Resp: 1151602

Ion Ratio Lower Upper

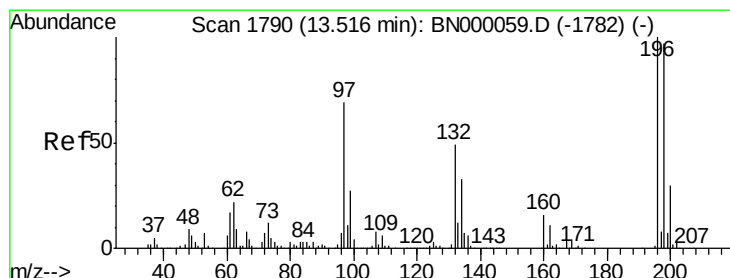
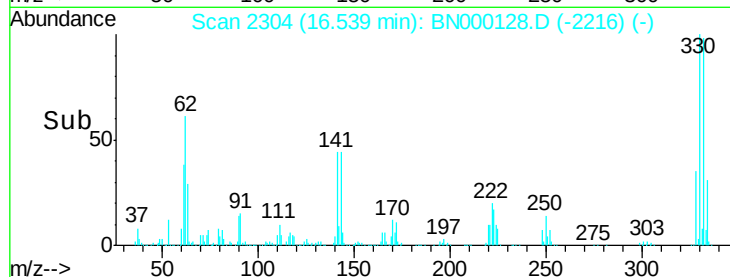
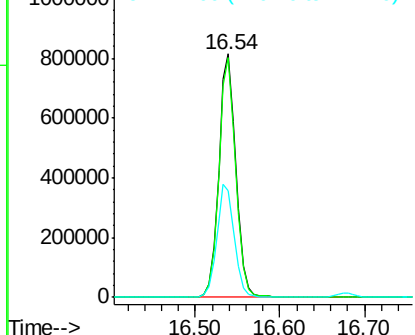
330 100

332 97.0 77.0 115.6

141 48.1 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 44.631 ng

RT: 13.51 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

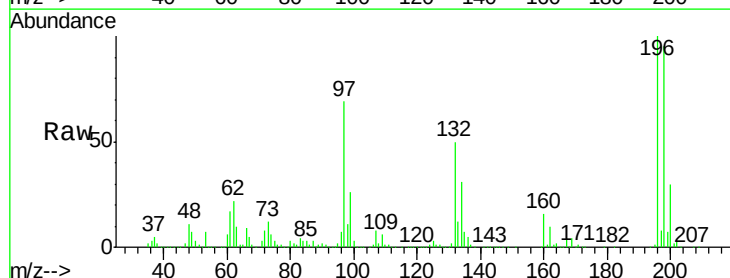
Tgt Ion:196 Resp: 1087373

Ion Ratio Lower Upper

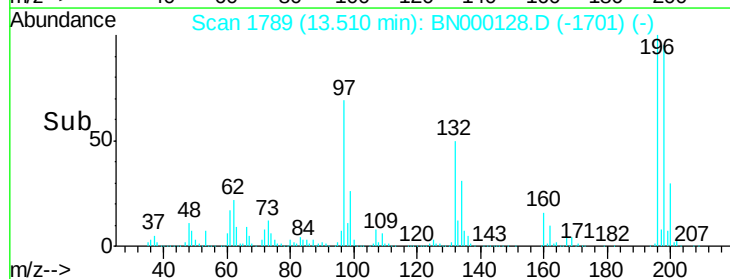
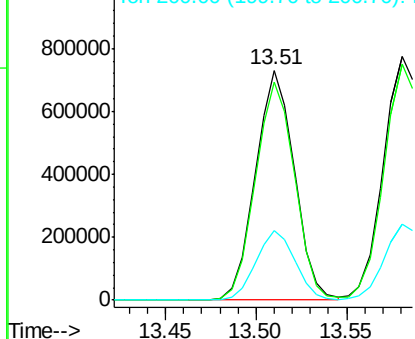
196 100

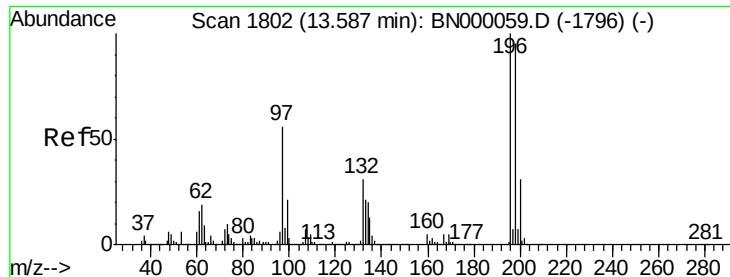
198 94.6 78.2 117.2

200 30.4 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

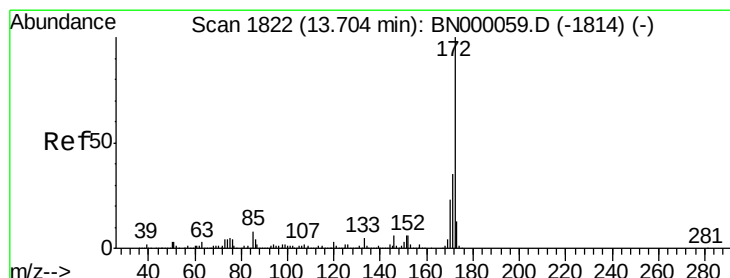
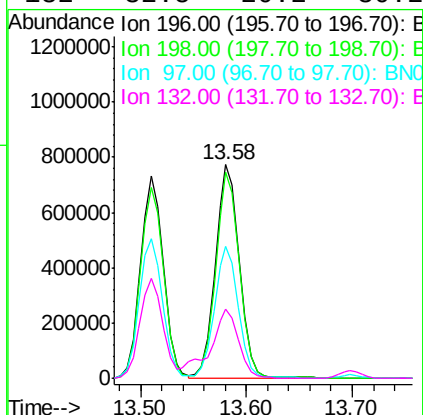
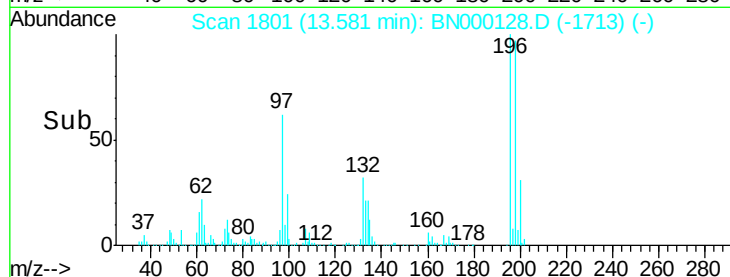
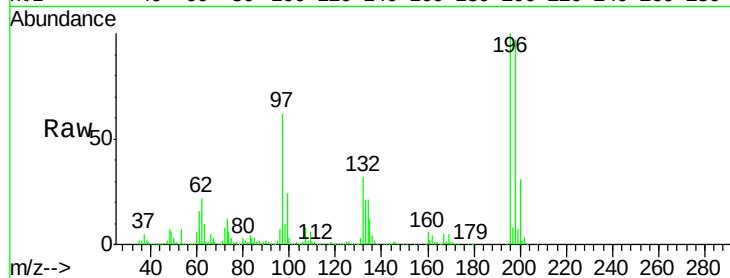




#43
2,4,5-Trichlorophenol
Concen: 41.784 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

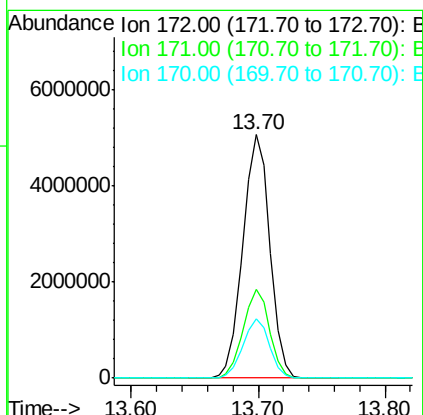
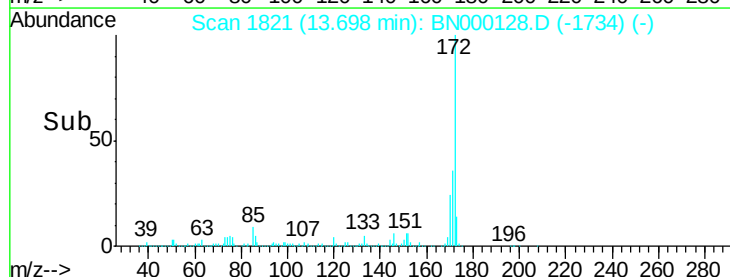
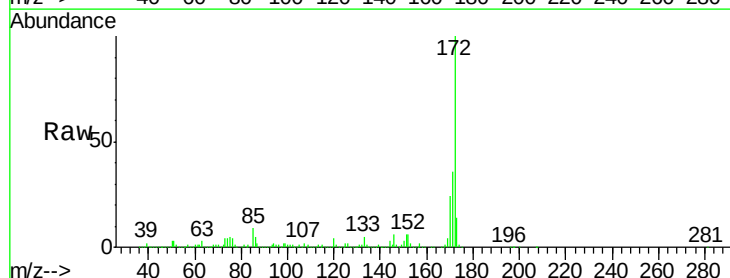
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

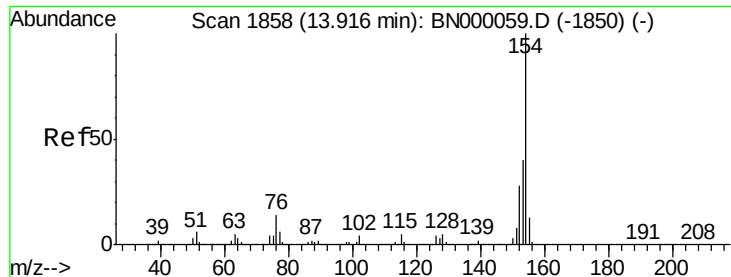
Tot Ion:196 Resp: 1223785
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.4
97 61.6 38.7 58.1#
132 32.5 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 76.401 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:172 Resp: 7465380
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 24.2 19.5 29.3





#45

1,1'-Biphenyl

Concen: 37.371 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

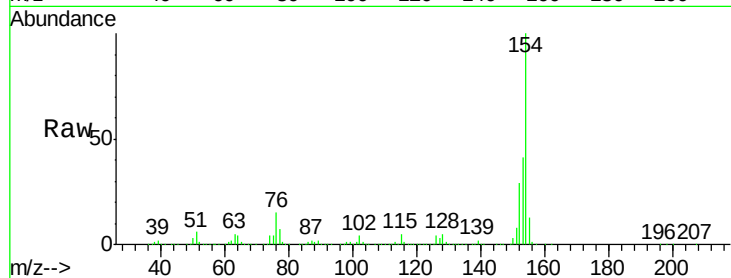
Tot Ion:154 Resp: 4532833

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

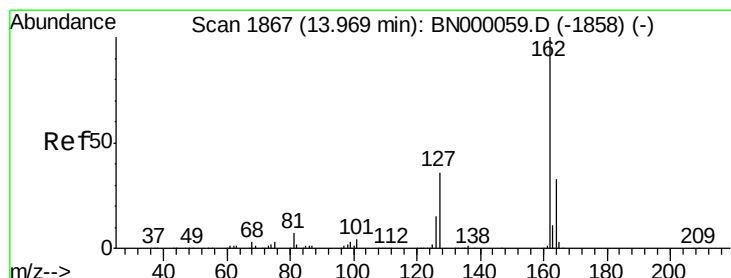
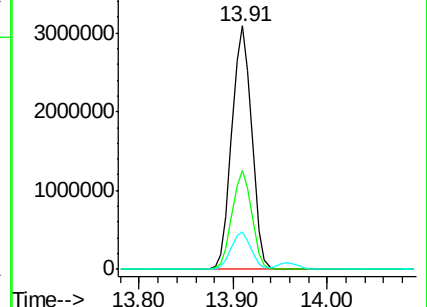
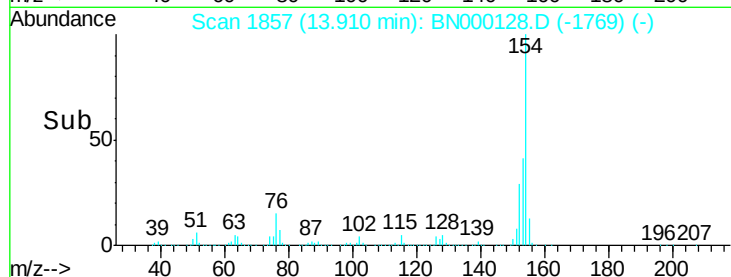
76 15.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 37.550 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

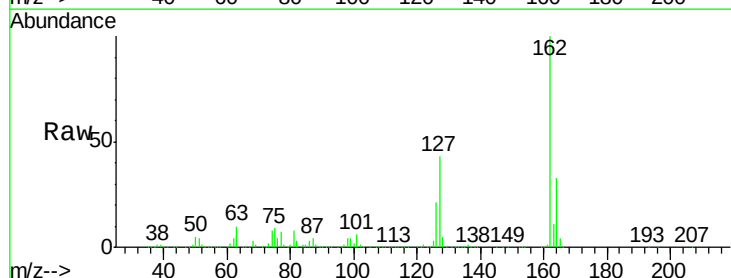
Tgt Ion:162 Resp: 3417418

Ion Ratio Lower Upper

162 100

127 43.0 30.7 46.1

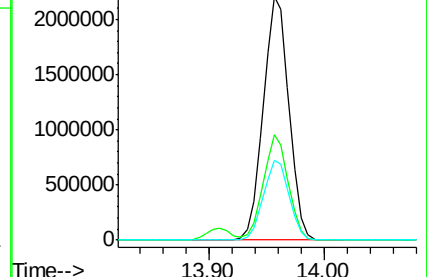
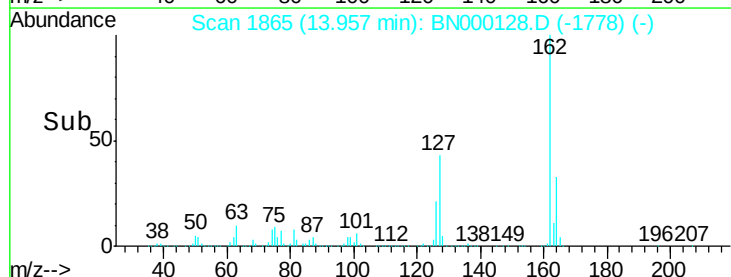
164 32.9 26.0 39.0

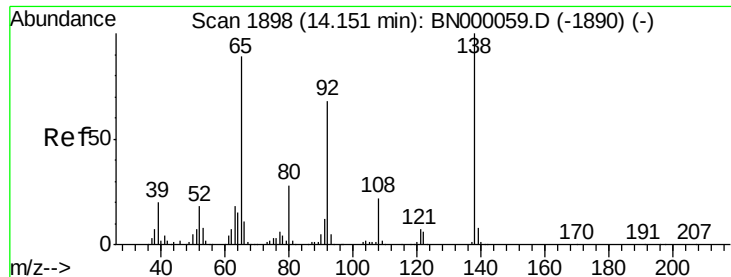


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.647 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

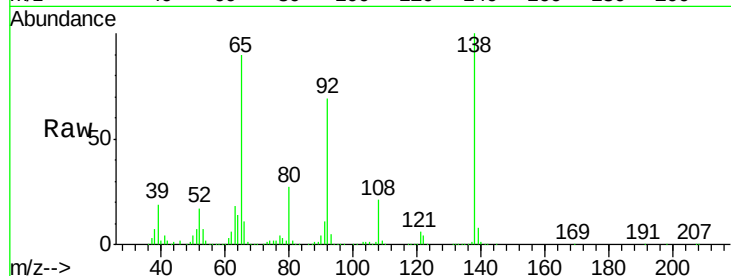
Tot Ion: 65 Resp: 1151938

Ion Ratio Lower Upper

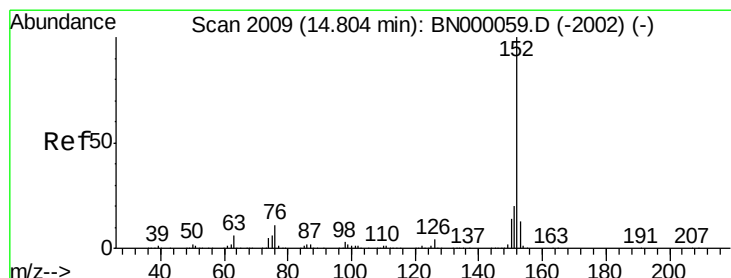
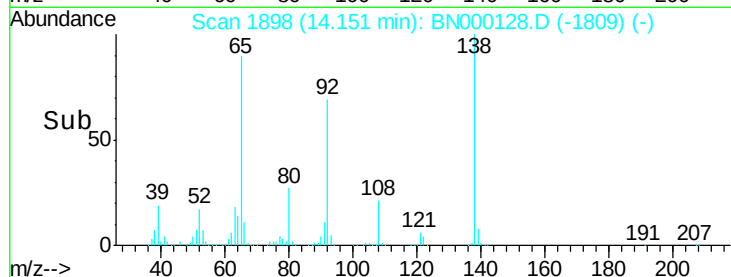
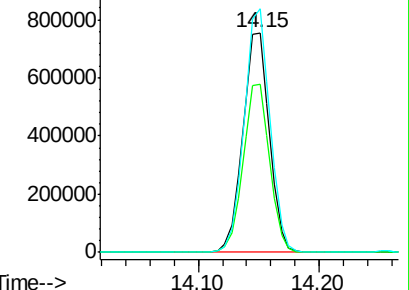
65 100

92 76.6 54.6 82.0

138 110.9 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: 38.587 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

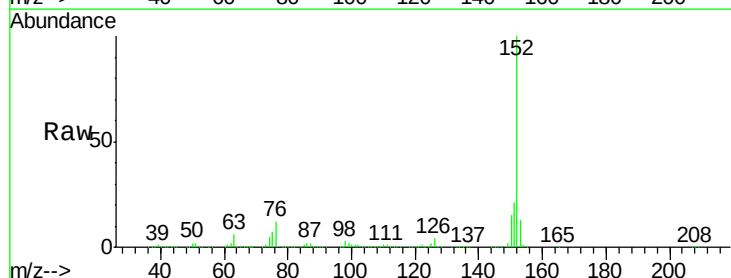
Tgt Ion: 152 Resp: 5657888

Ion Ratio Lower Upper

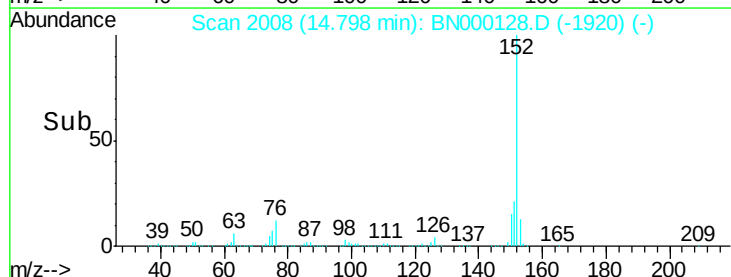
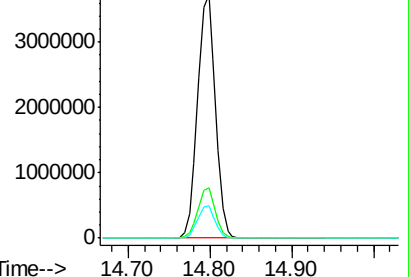
152 100

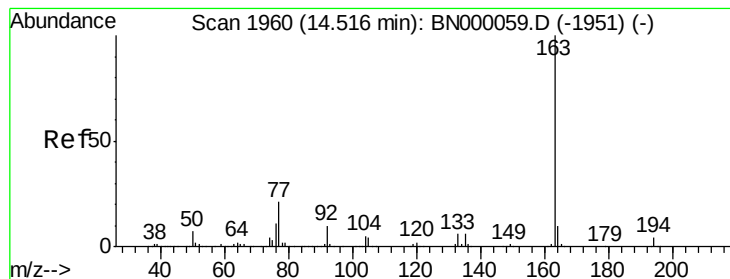
151 20.7 17.2 25.8

153 13.3 10.2 15.4



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





#49

Dimethylphthalate

Concen: 38.746 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

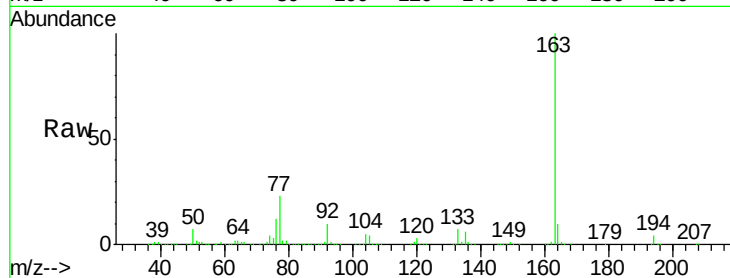
Tot Ion:163 Resp: 4460630

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

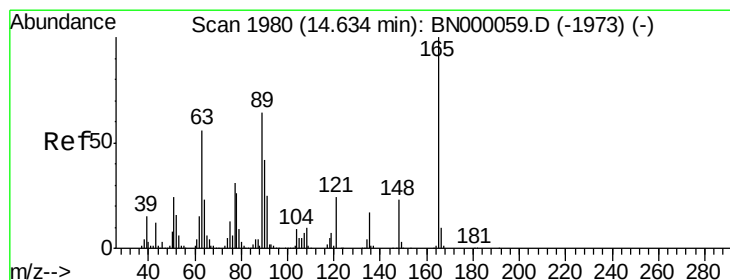
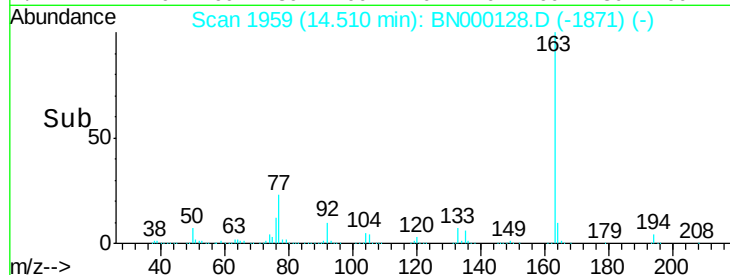
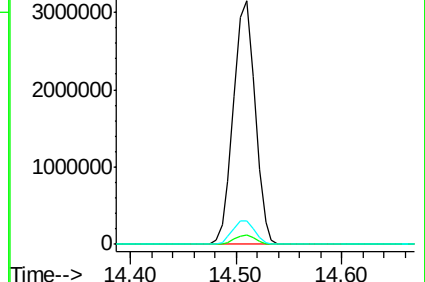
164 9.9 8.2 12.4



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: 41.229 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

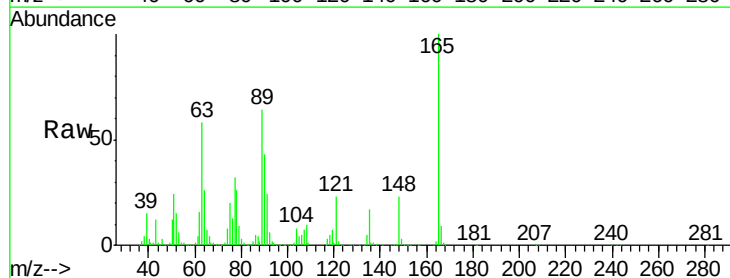
Tgt Ion:165 Resp: 979859

Ion Ratio Lower Upper

165 100

63 57.7 52.7 79.1

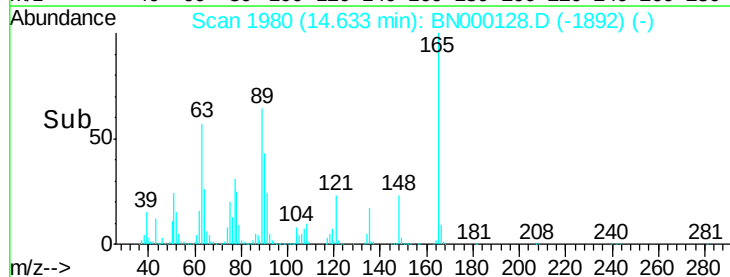
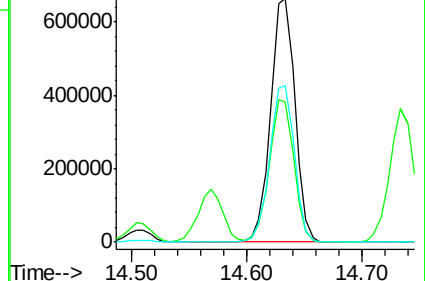
89 64.1 49.2 73.8

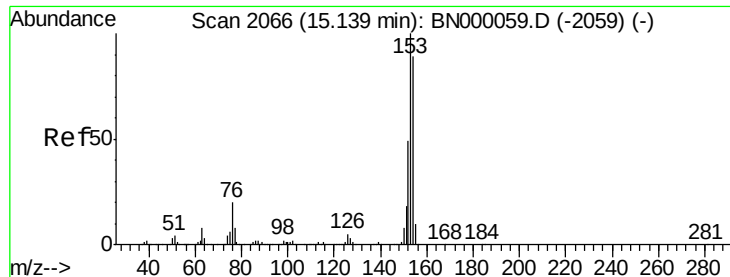


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 41.292 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

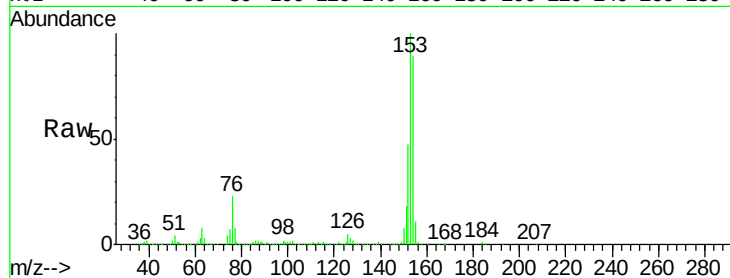
Tot Ion:154 Resp: 3941123

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

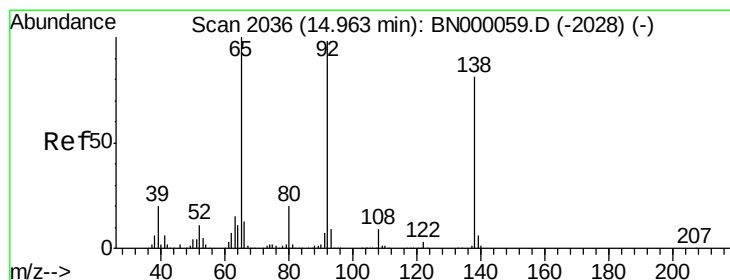
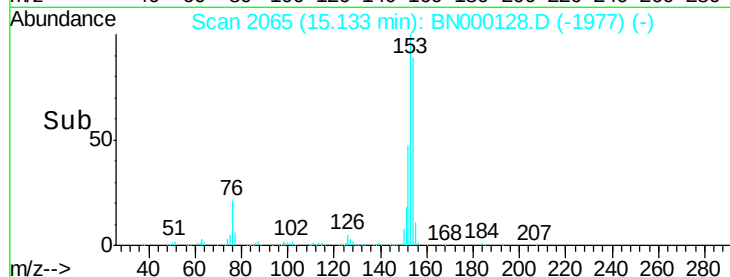
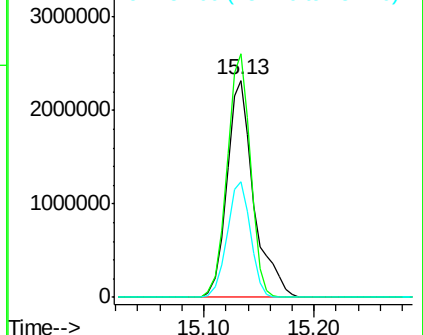
152 53.2 41.6 62.4



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: 25.668 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

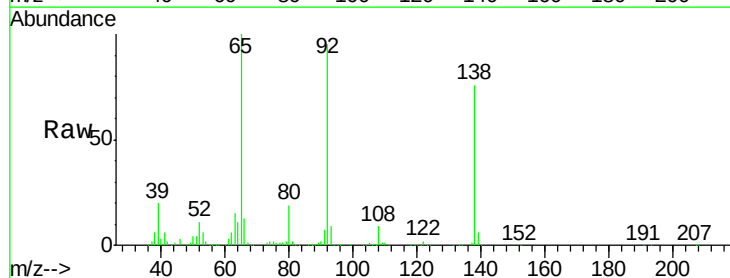
Tgt Ion:138 Resp: 741523

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

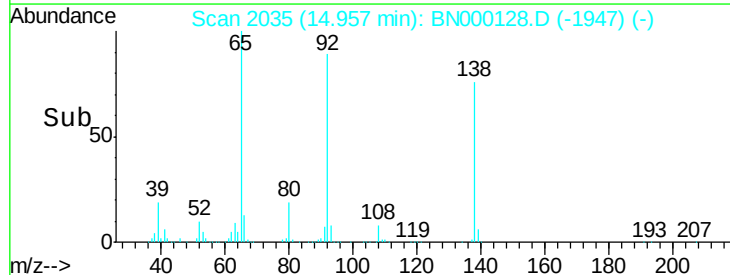
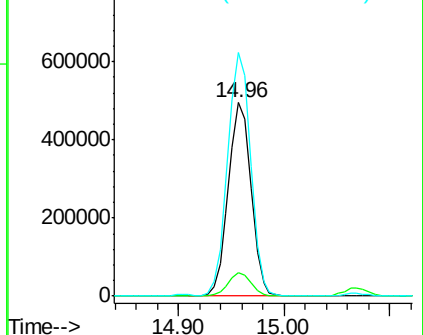
92 125.8 105.8 158.8

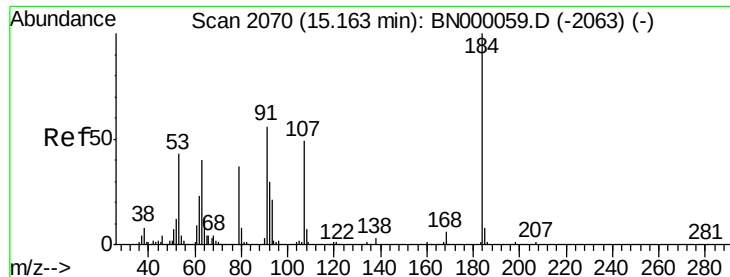


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

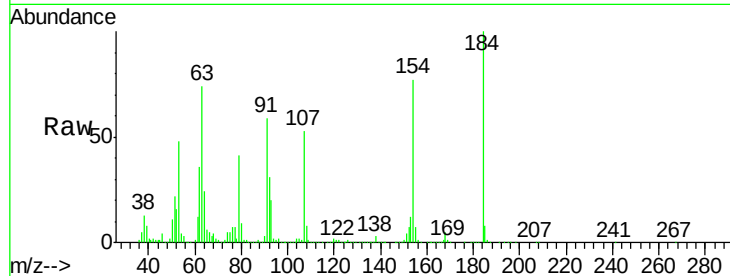




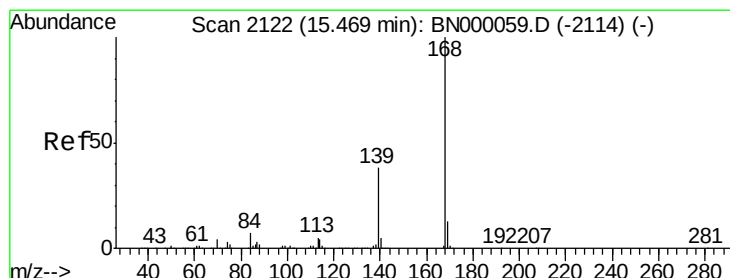
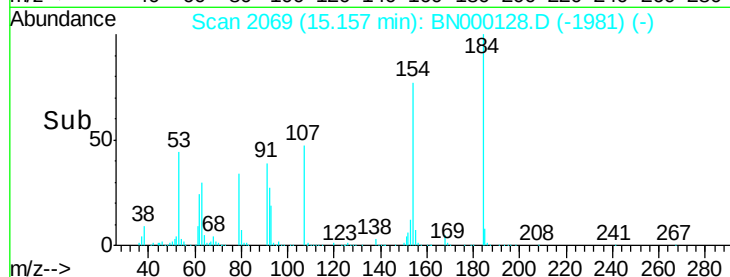
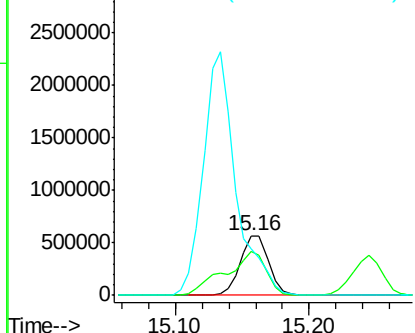
#53
2,4-Dinitrophenol
Concen: 96.881 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Tot Ion:184 Resp: 835200
Ion Ratio Lower Upper
184 100
63 74.1 80.0 120.0#
154 76.6 308.0 462.0#

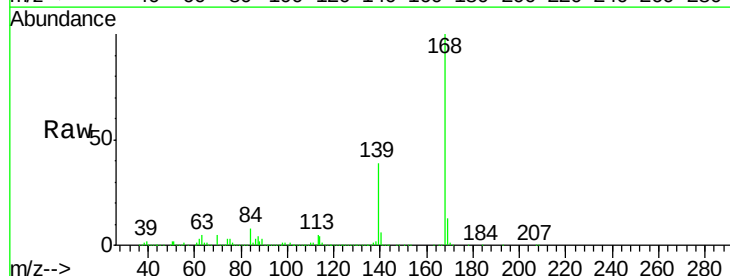


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

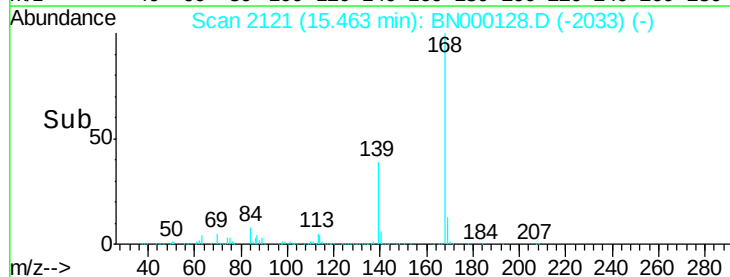
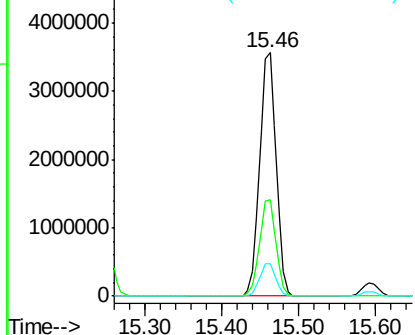


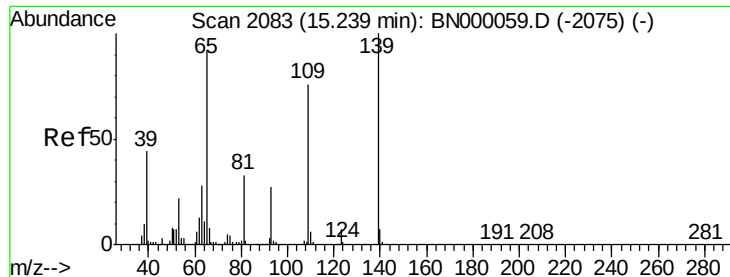
#54
Dibenzofuran
Concen: 39.582 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:168 Resp: 5350382
Ion Ratio Lower Upper
168 100
139 39.4 28.6 43.0
169 13.4 11.2 16.8



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





#55

4-Nitrophenol

Concen: 87.164 ng

RT: 15.25 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

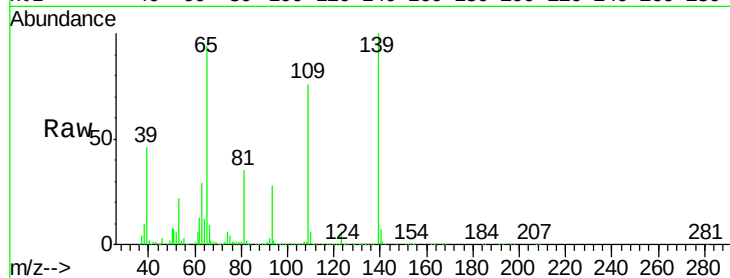
Tot Ion:139 Resp: 2074805

Ion Ratio Lower Upper

139 100

109 76.2 62.2 102.2

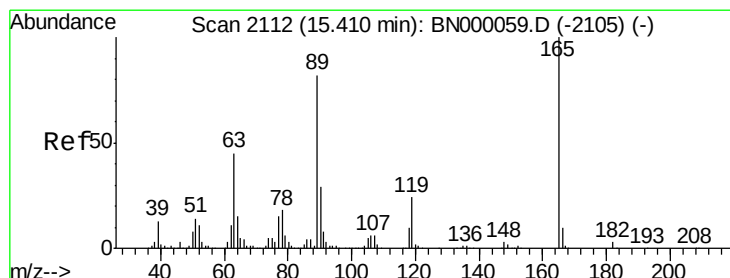
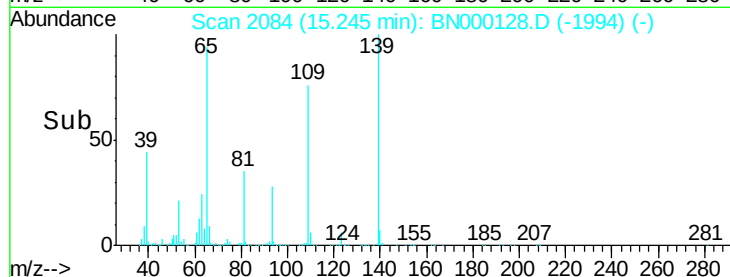
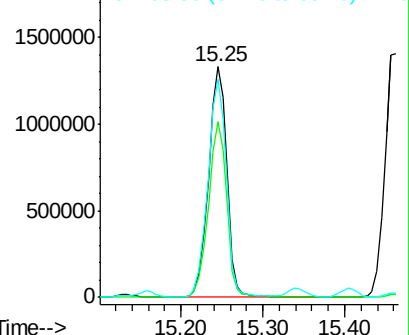
65 94.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 41.691 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:165 Resp: 1397940

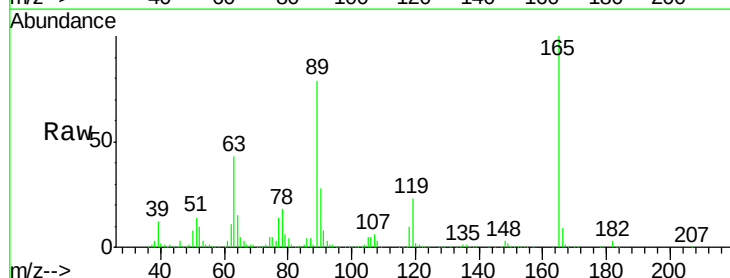
Ion Ratio Lower Upper

165 100

63 42.7 42.0 63.0

89 78.7 66.9 100.3

182 2.6 2.6 3.8

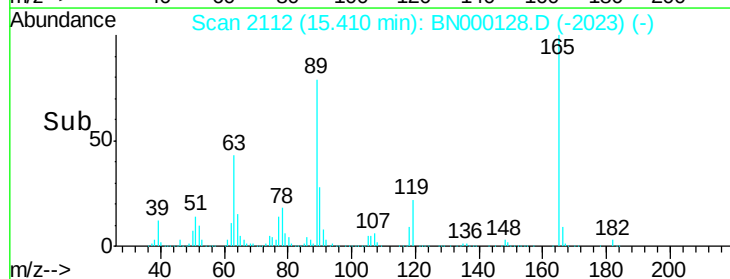
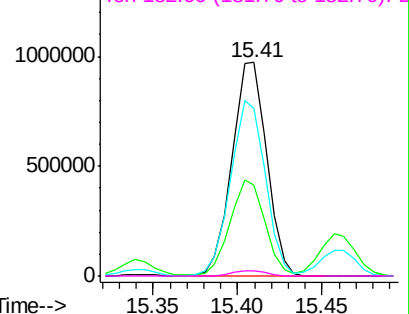


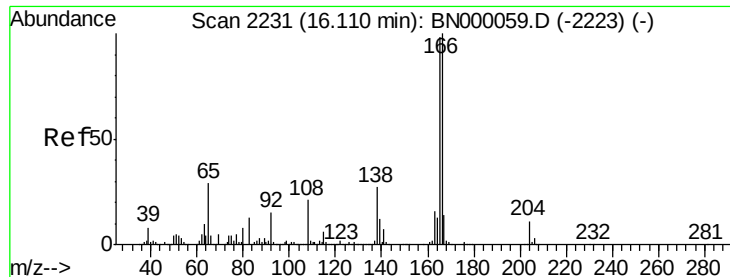
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.169 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

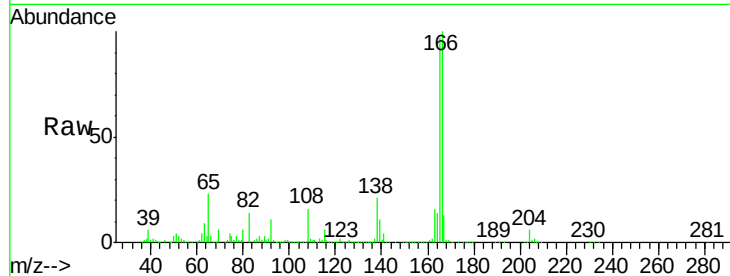
Tot Ion:166 Resp: 4323182

Ion Ratio Lower Upper

166 100

165 96.5 80.6 121.0

167 13.3 10.4 15.6

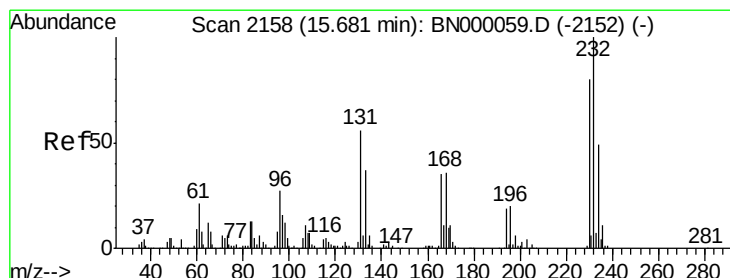
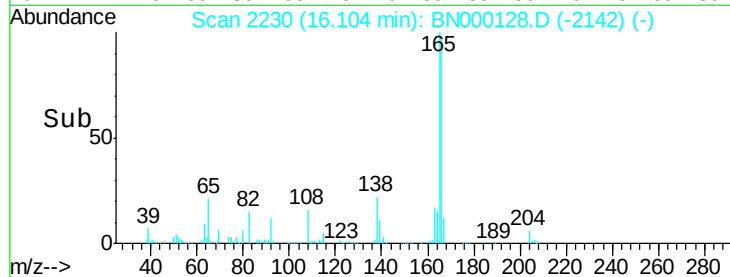
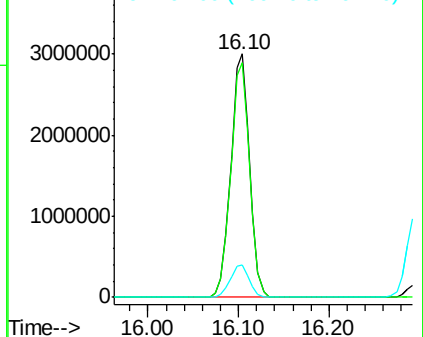


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.546 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:232 Resp: 1052782

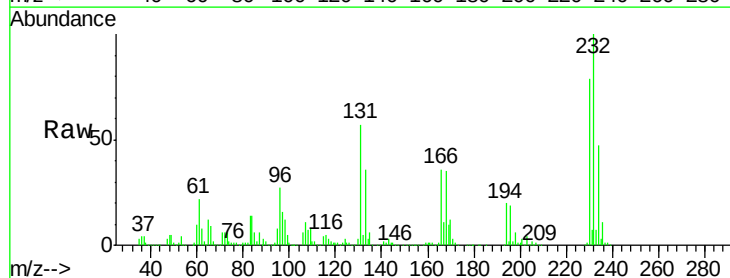
Ion Ratio Lower Upper

232 100

131 57.5 33.5 50.3#

130 3.1 2.2 3.2

166 36.2 24.8 37.2



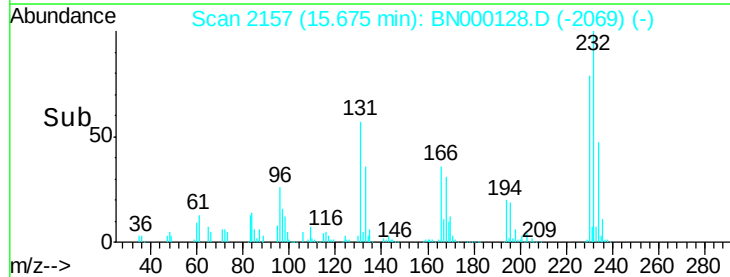
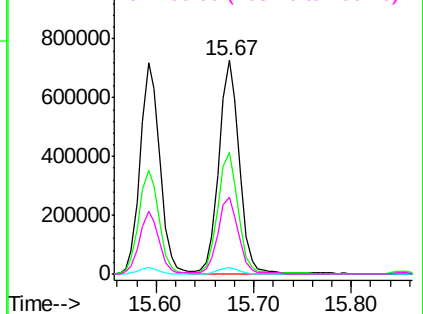
Abundance

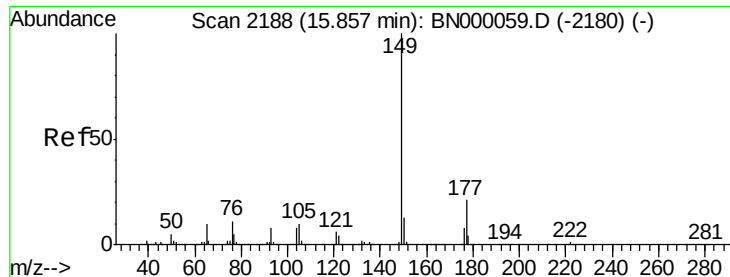
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

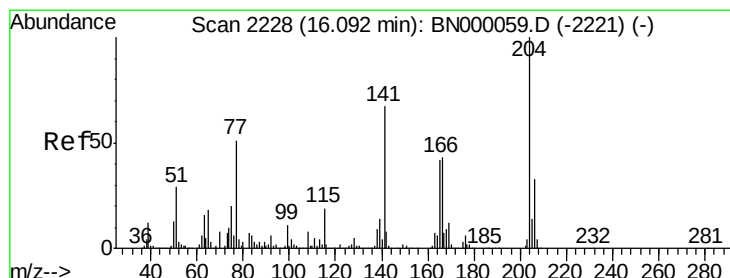
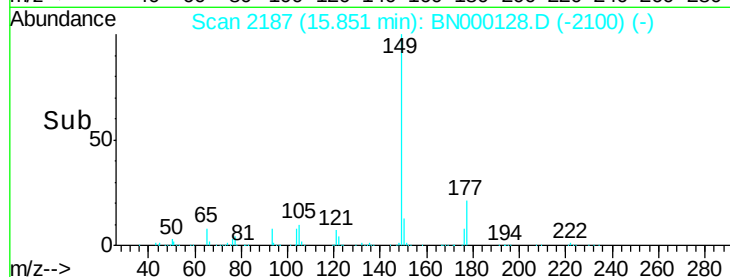
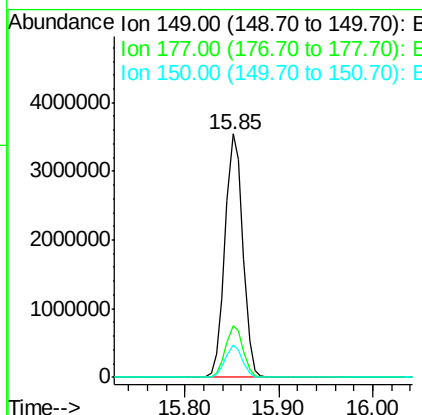
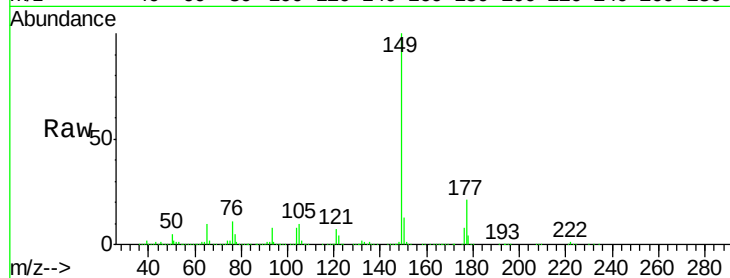




#59
Diethylphthalate
Concen: 39.987 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

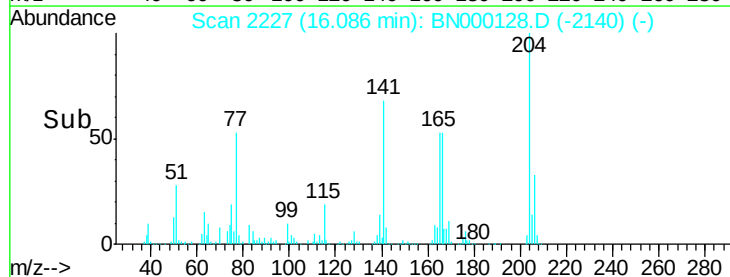
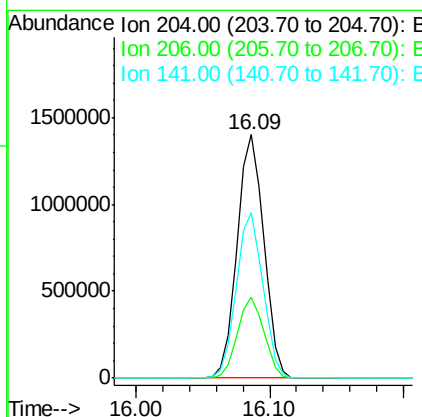
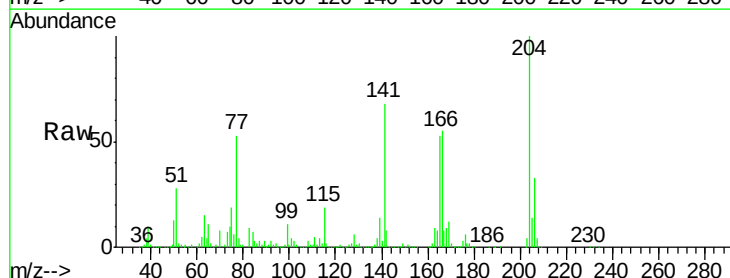
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

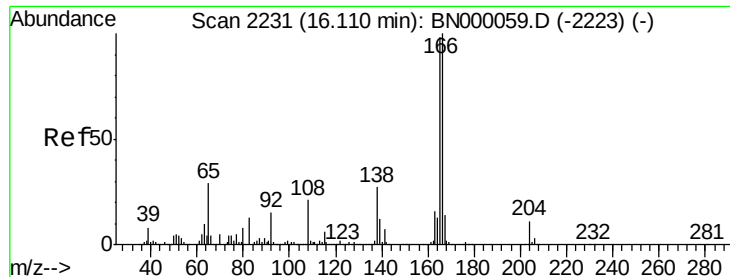
Tot Ion:149 Resp: 4678127
Ion Ratio Lower Upper
149 100
177 21.3 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.722 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:204 Resp: 1947647
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 68.0 45.8 68.6





#61

4-Nitroaniline

Concen: 41.558 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampled :

PB106645BSD

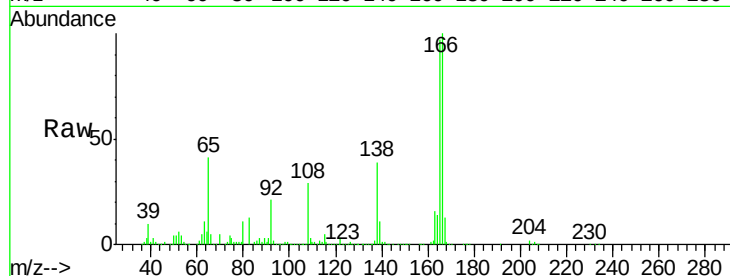
Tot Ion:138 Resp: 1233605

Ion Ratio Lower Upper

138 100

92 53.9 40.1 80.1

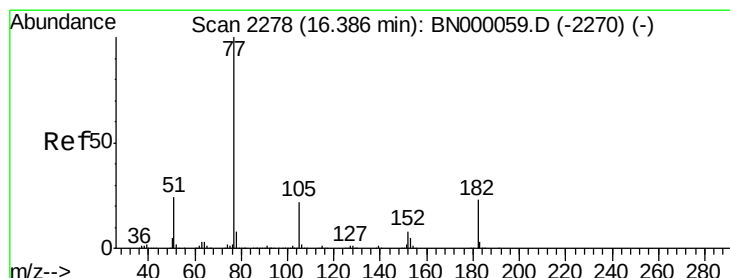
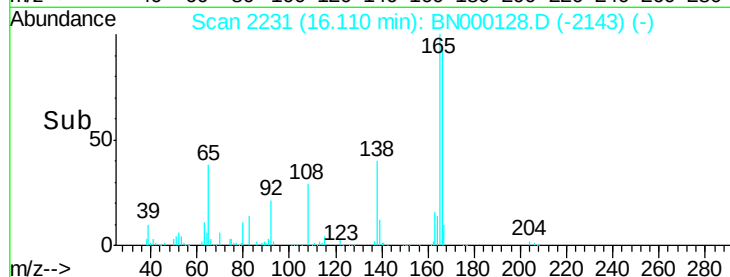
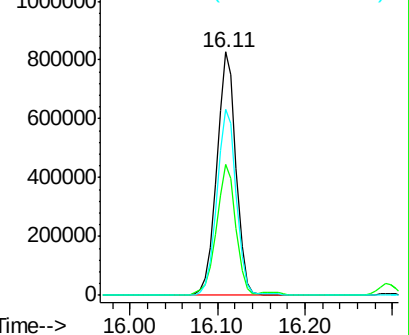
108 76.5 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.215 ng

RT: 16.37 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion: 77 Resp: 5032702

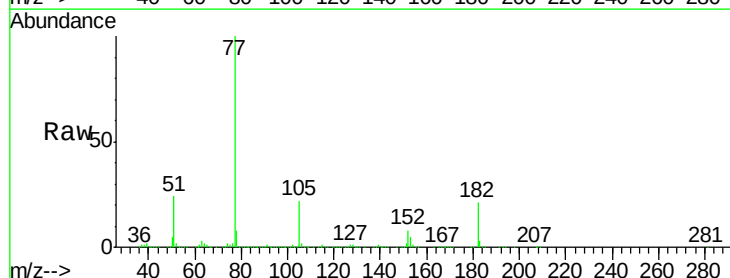
Ion Ratio Lower Upper

77 100

182 21.0 7.4 47.4

105 21.6 0.3 40.3

51 24.1 11.6 51.6

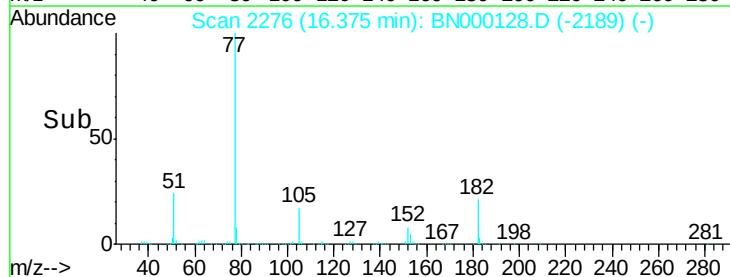
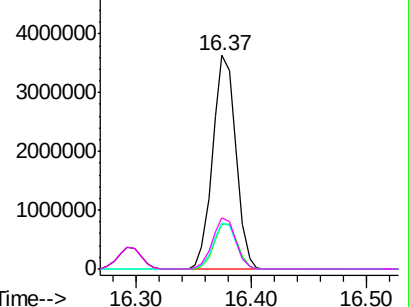


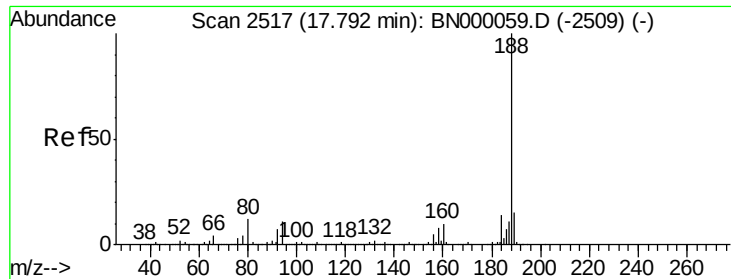
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

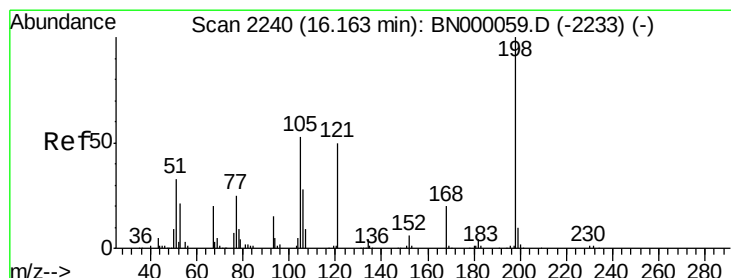
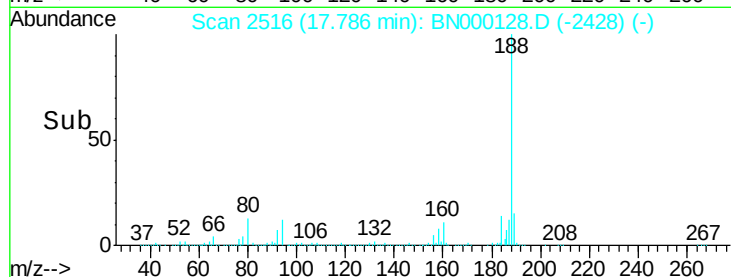
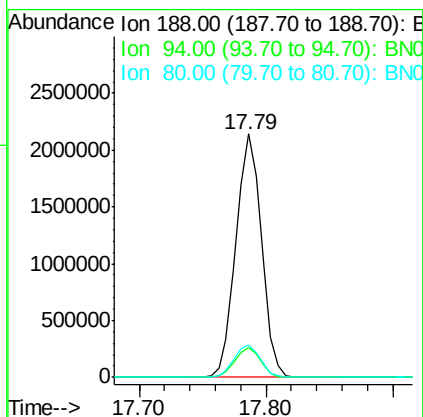
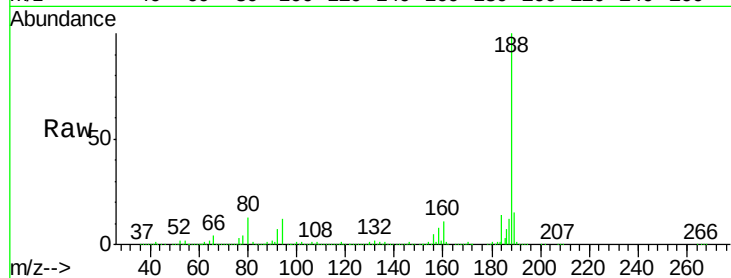




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.79 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

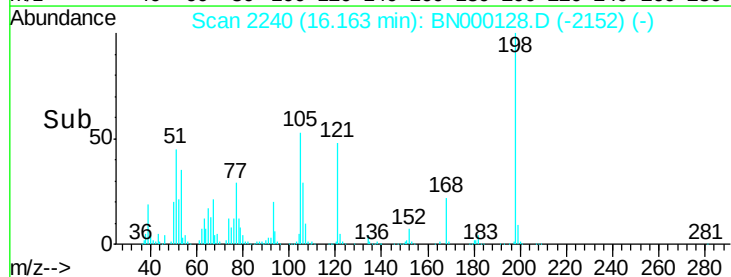
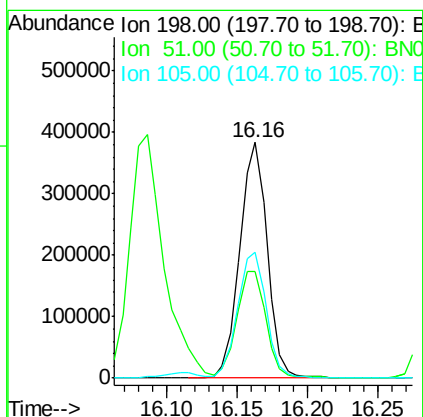
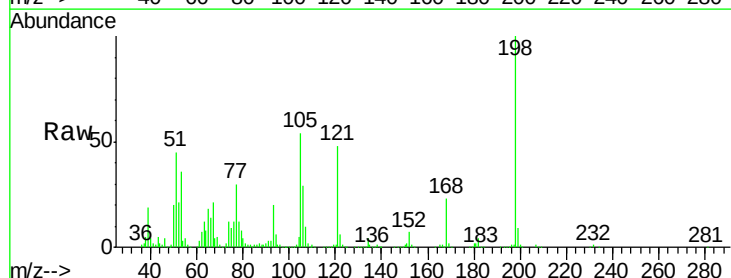
Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

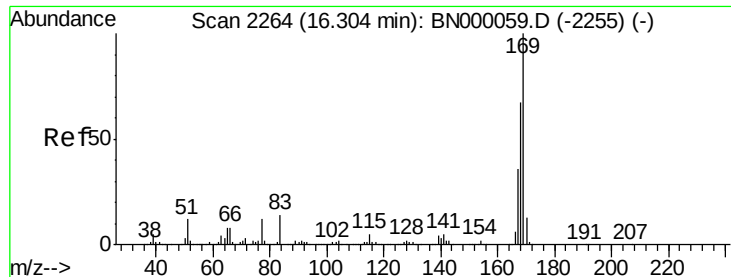
Tot Ion:188 Resp: 2973379
 Ion Ratio Lower Upper
 188 100
 94 12.4 6.9 10.3#
 80 13.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.106 ng
 RT: 16.16 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:198 Resp: 522808
 Ion Ratio Lower Upper
 198 100
 51 45.0 30.6 70.6
 105 53.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 40.071 ng

RT: 16.30 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

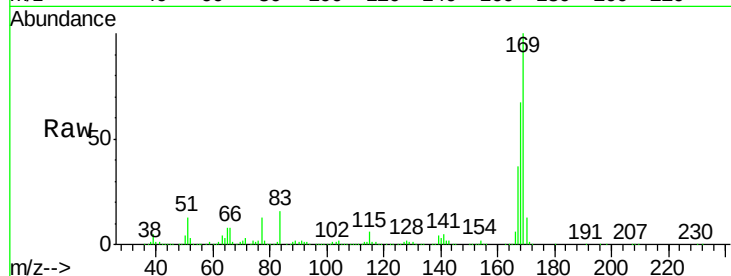
Tot Ion:169 Resp: 3876884

Ion Ratio Lower Upper

169 100

168 67.4 55.7 83.5

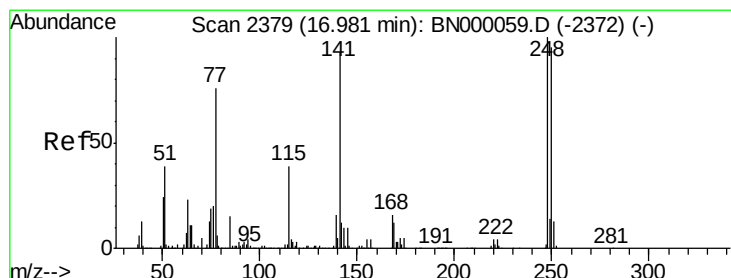
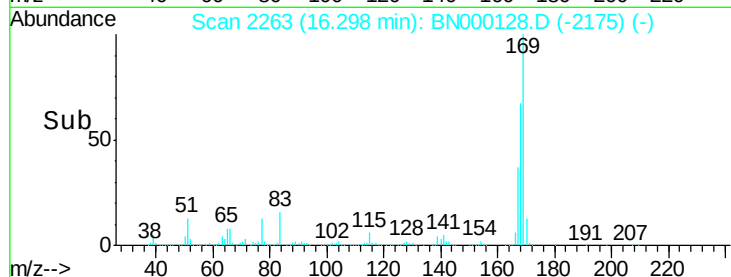
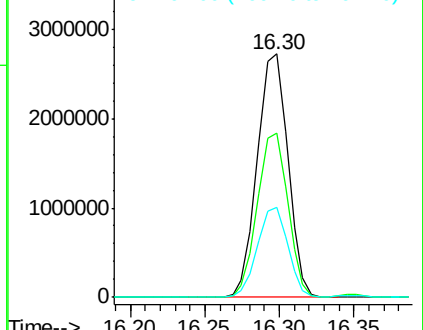
167 37.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.608 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

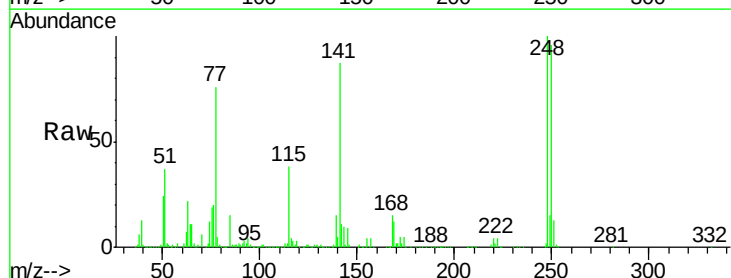
Tgt Ion:248 Resp: 1119927

Ion Ratio Lower Upper

248 100

250 96.0 77.1 115.7

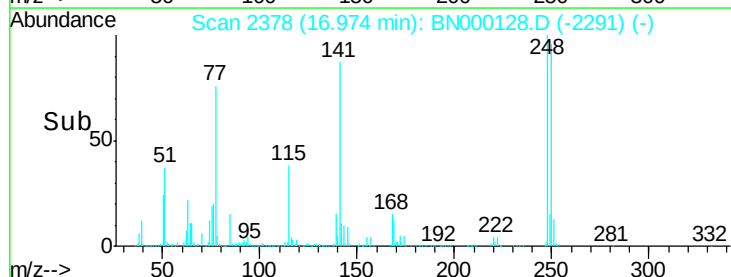
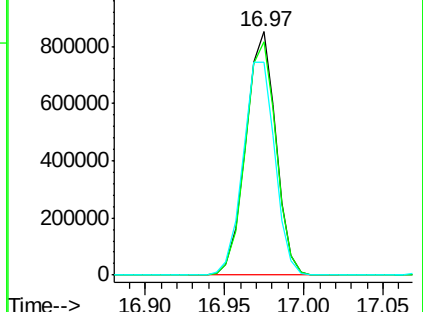
141 87.3 50.8 76.2#

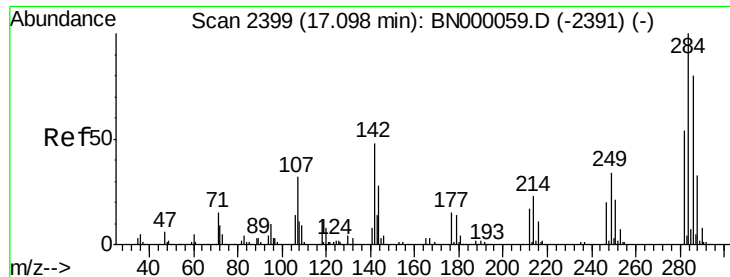


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

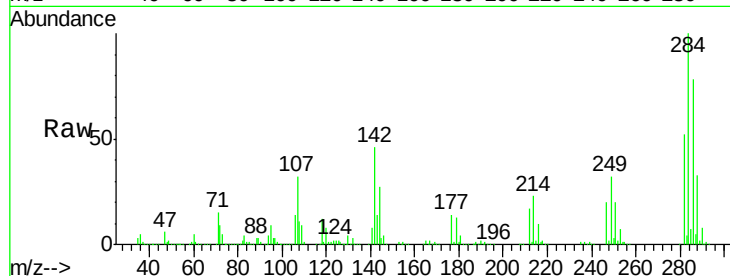




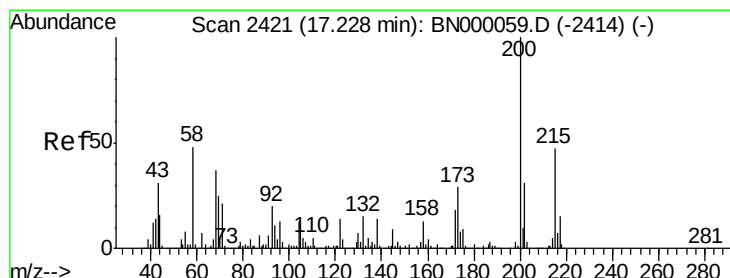
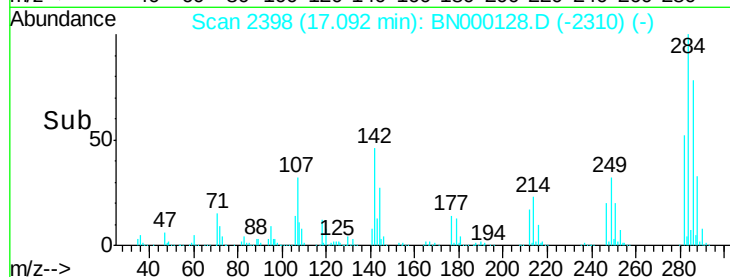
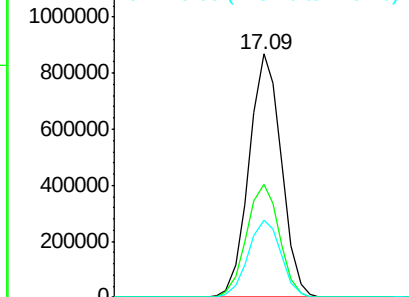
#67
Hexachlorobenzene
Concen: 37.227 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :
PB106645BSD

Tot Ion:284 Resp: 1229247
Ion Ratio Lower Upper
284 100
142 46.3 26.8 40.2#
249 31.5 26.3 39.5

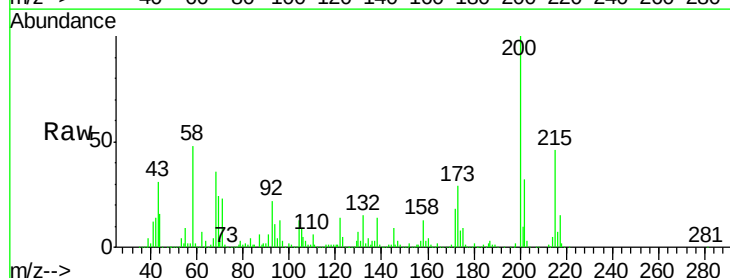


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

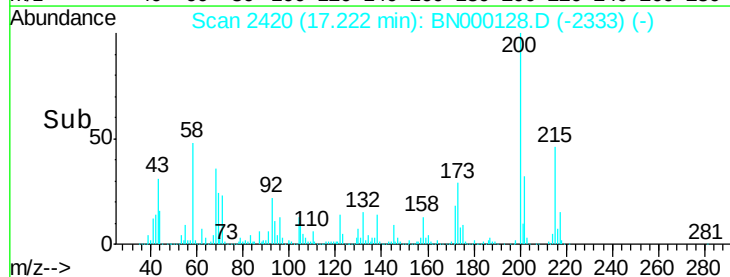
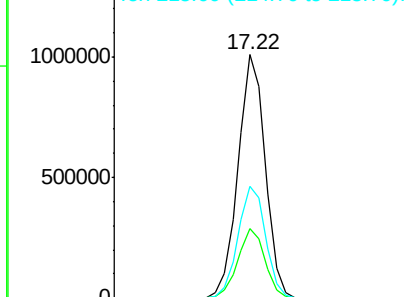


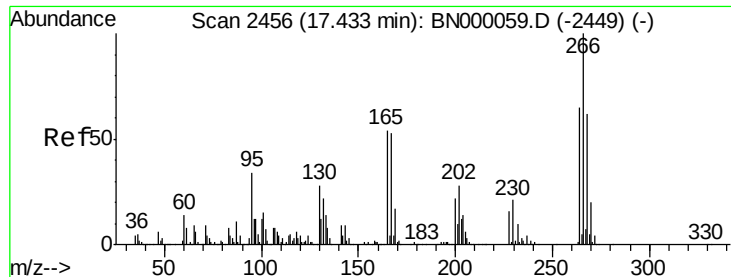
#68
Atrazine
Concen: 40.519 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:200 Resp: 1275876
Ion Ratio Lower Upper
200 100
173 28.6 5.2 45.2
215 45.7 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

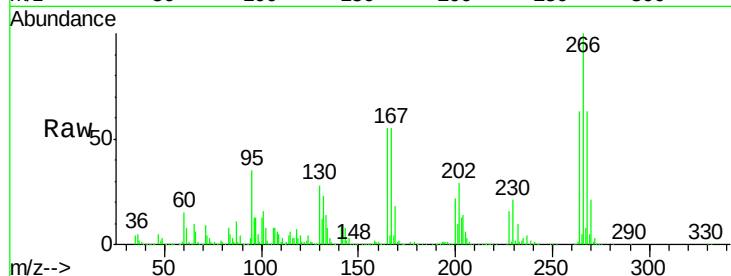




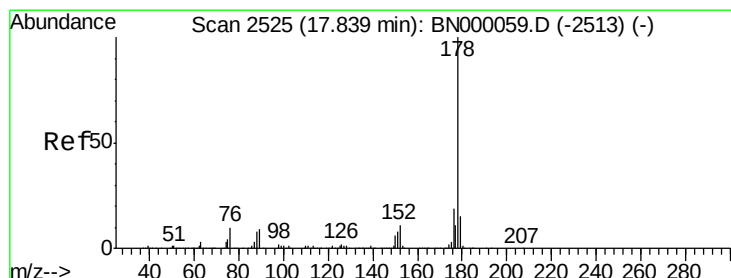
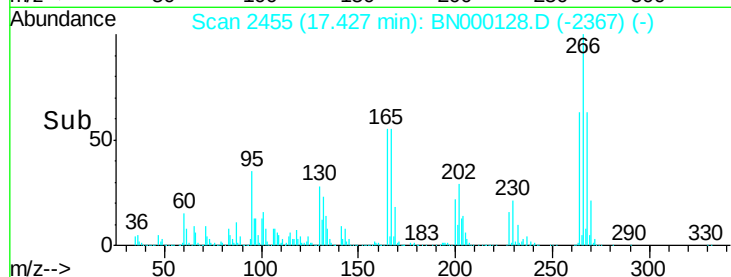
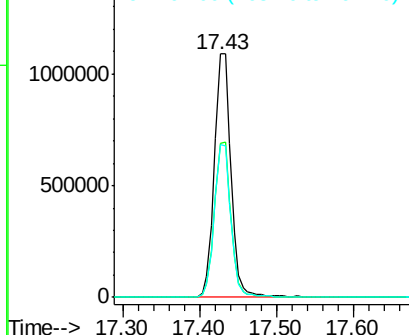
#69
 Pentachlorophenol
 Concen: 71.817 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

Tot Ion:266 Resp: 1618215
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.8 49.6 74.4

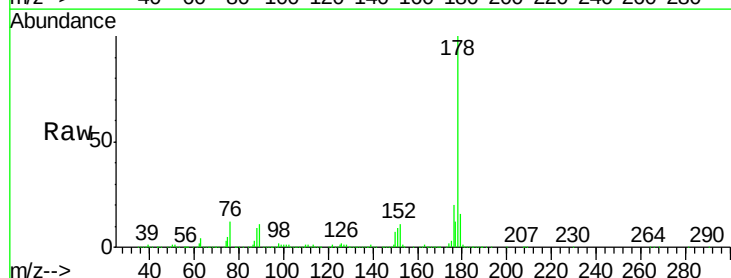


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

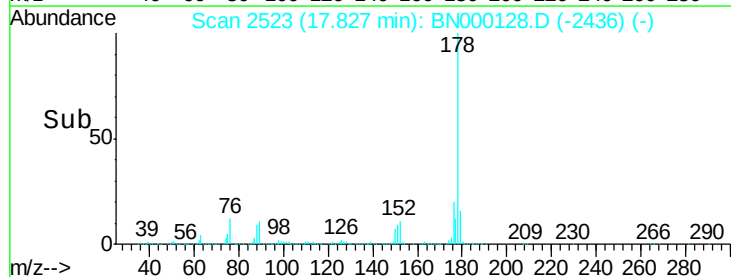
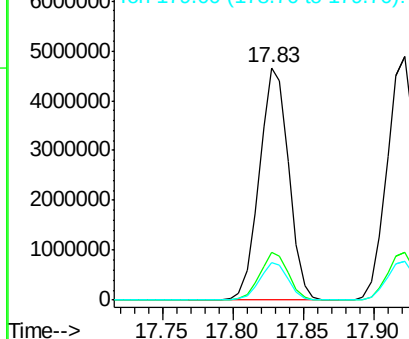


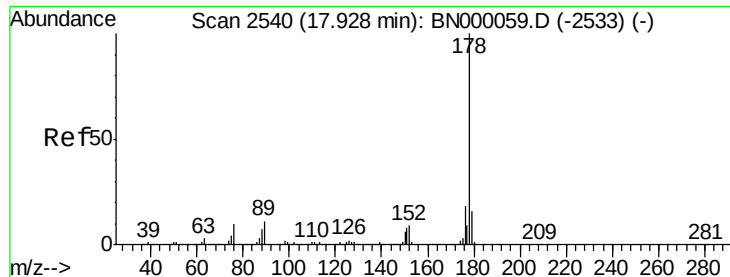
#70
 Phenanthrene
 Concen: 38.760 ng
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:178 Resp: 6807577
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 16.0 12.5 18.7



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





#71

Anthracene

Concen: 41.212 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

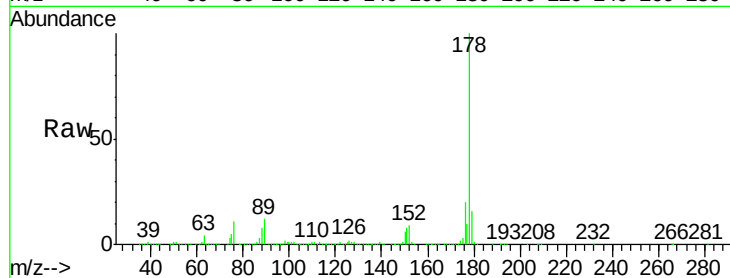
BNA_N

ClientSampleId :

PB106645BSD

Tot Ion:178 Resp: 7008516

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.8	12.5	18.7



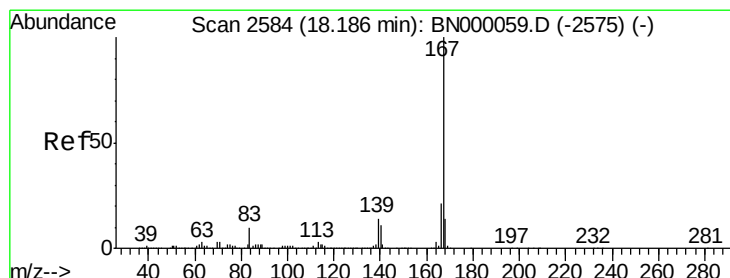
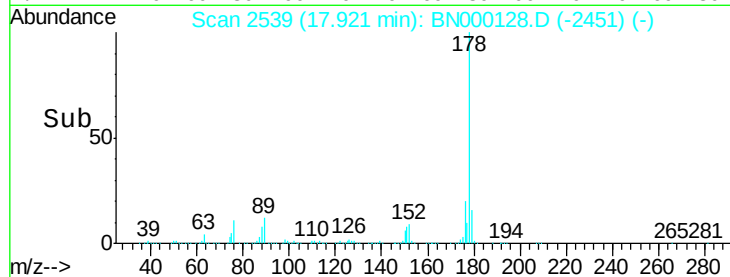
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#72

Carbazole

Concen: 39.878 ng

RT: 18.18 min Scan# 2583

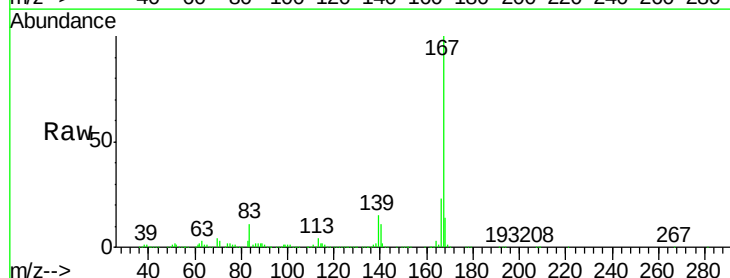
Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:167 Resp: 6832089

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.6	9.4	14.2#



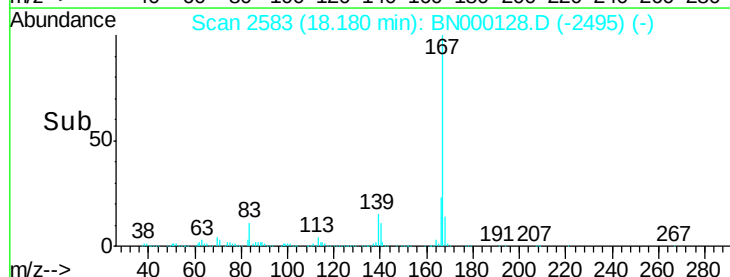
Abundance

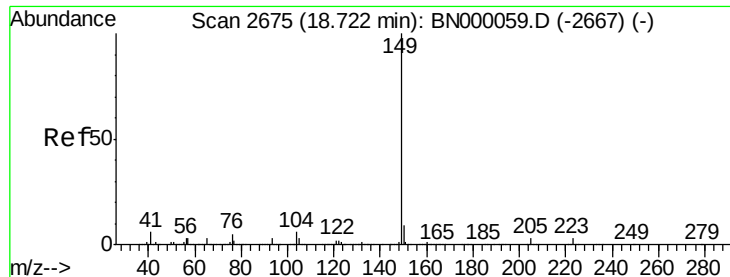
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#73

Di-n-butylphthalate

Concen: 41.364 ng

RT: 18.70 min Scan# 2672

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

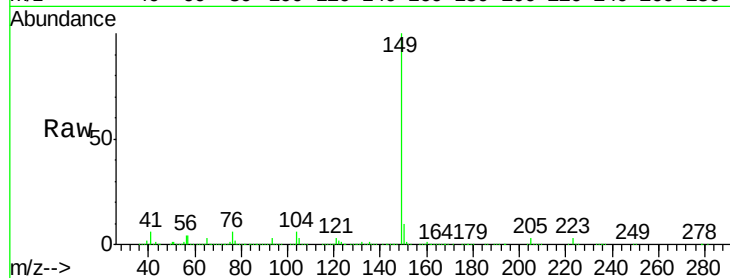
Tot Ion:149 Resp: 7823329

Ion Ratio Lower Upper

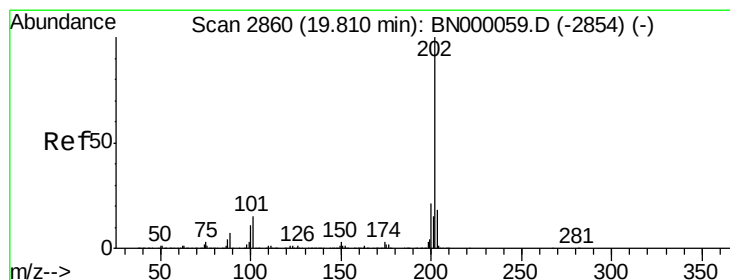
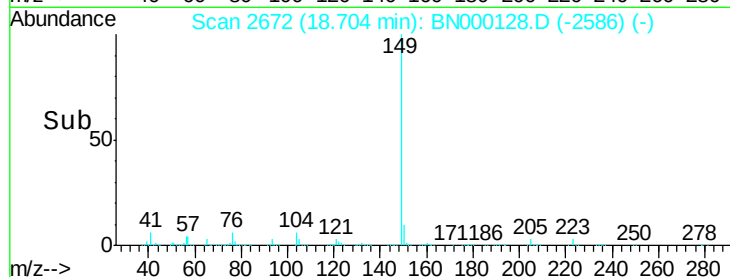
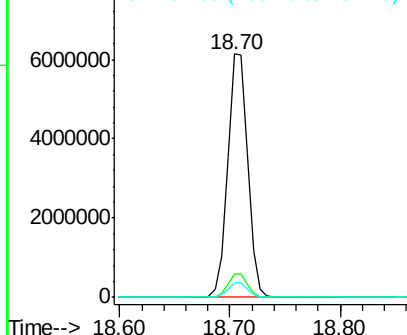
149 100

150 9.8 7.8 11.6

104 6.0 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: 40.954 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

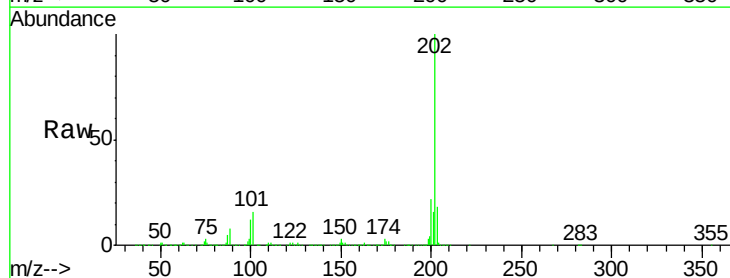
Tgt Ion:202 Resp: 7546142

Ion Ratio Lower Upper

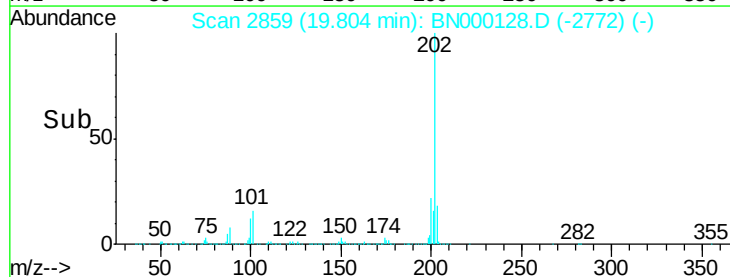
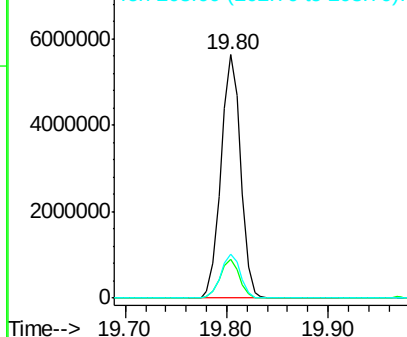
202 100

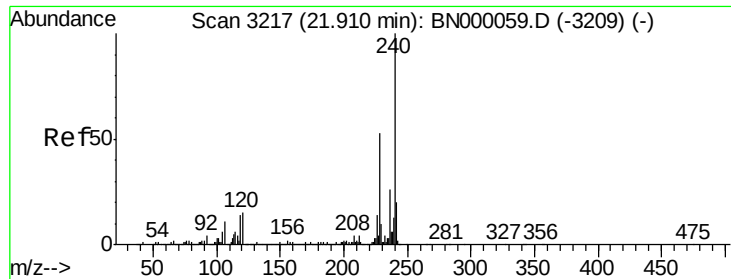
101 16.1 0.0 28.9

203 18.3 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: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

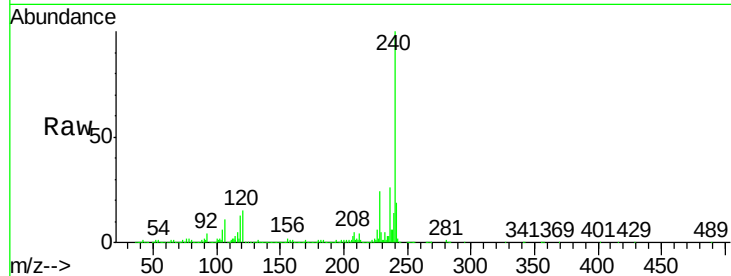
Tot Ion:240 Resp: 3095706

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

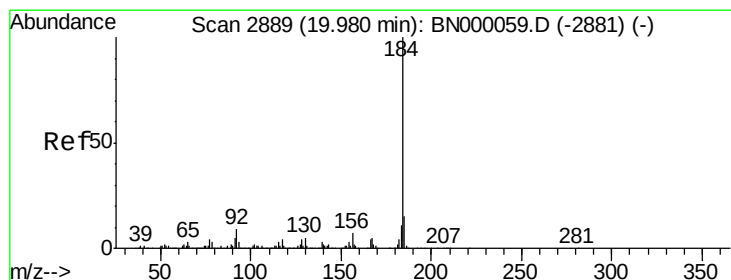
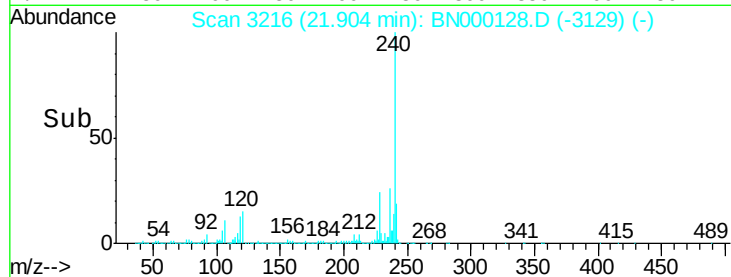
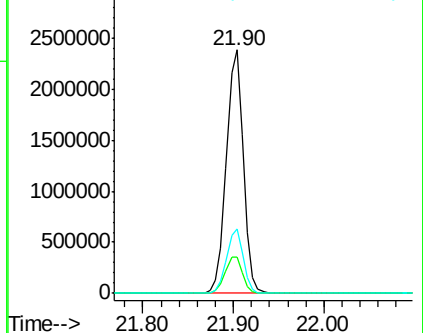
236 26.5 20.9 31.3



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: 40.544 ng

RT: 19.97 min Scan# 2887

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

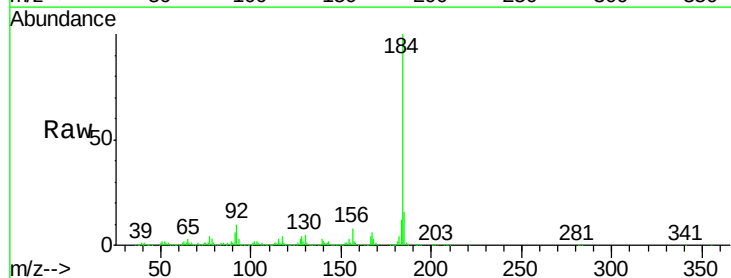
Tgt Ion:184 Resp: 4000949

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

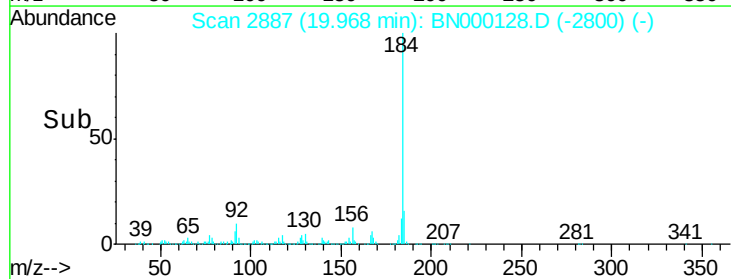
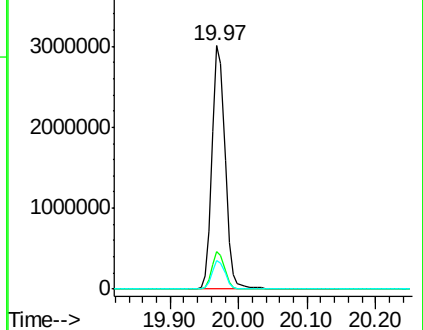
183 11.8 10.6 16.0

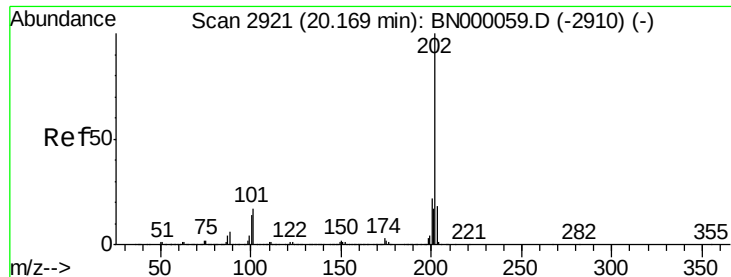


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

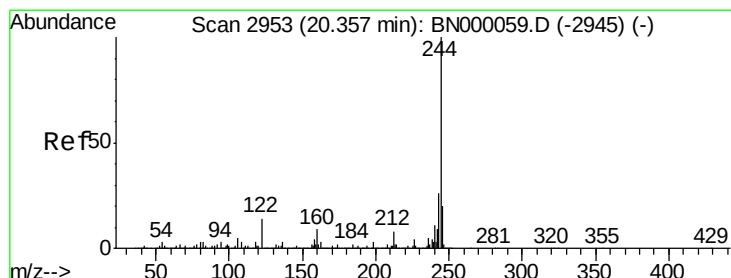
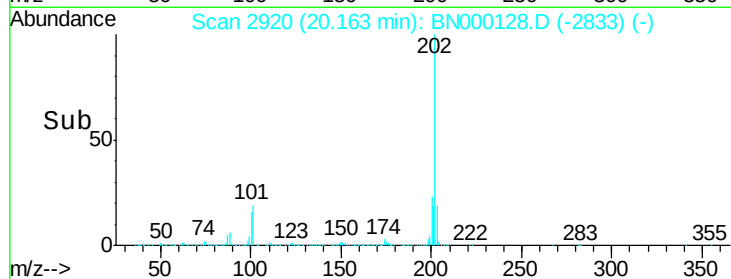
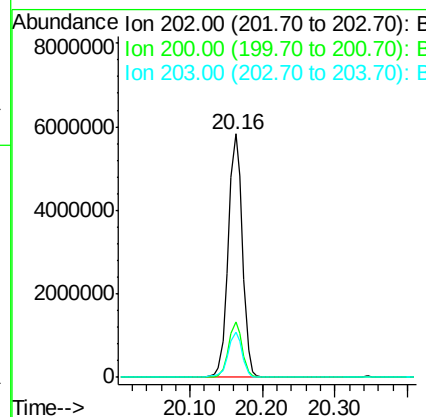
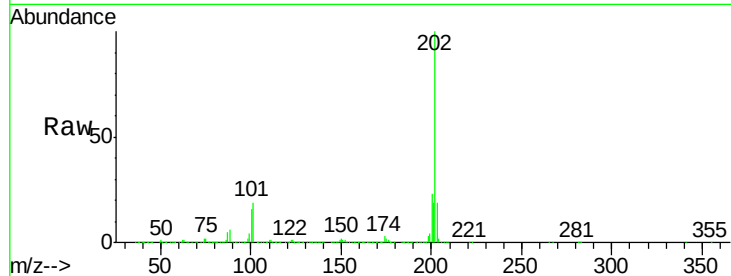




#77
Pvrene
Concen: 40.061 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

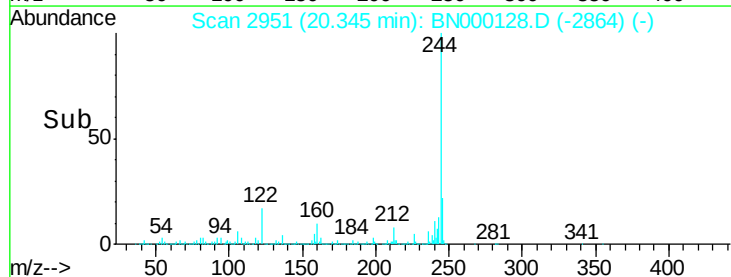
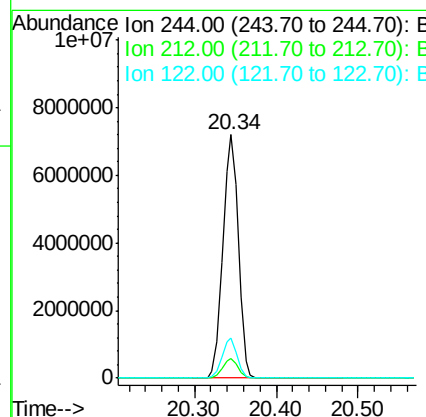
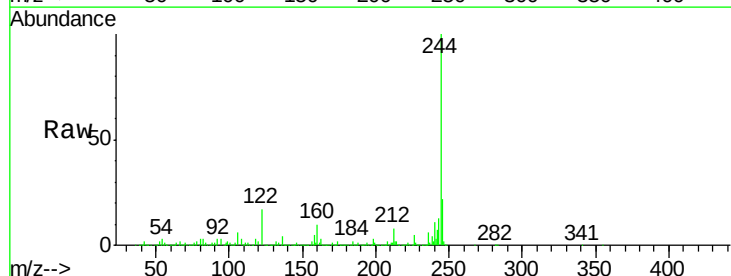
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

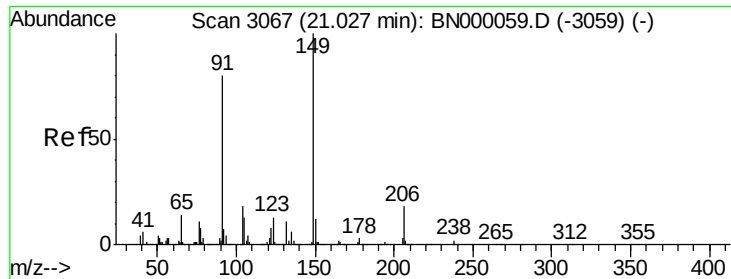
Tot Ion:202 Resp: 7881966
Ion Ratio Lower Upper
202 100
200 22.8 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 82.680 ng
RT: 20.34 min Scan# 2951
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:244 Resp: 9479276
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 16.5 7.0 10.4#

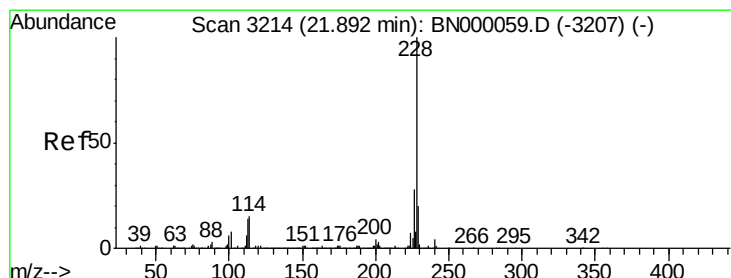
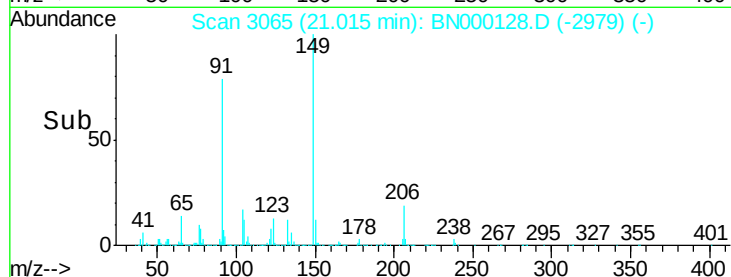
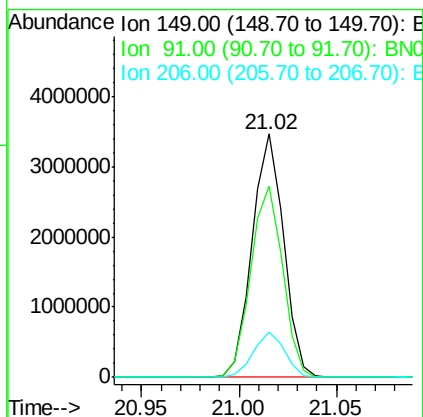
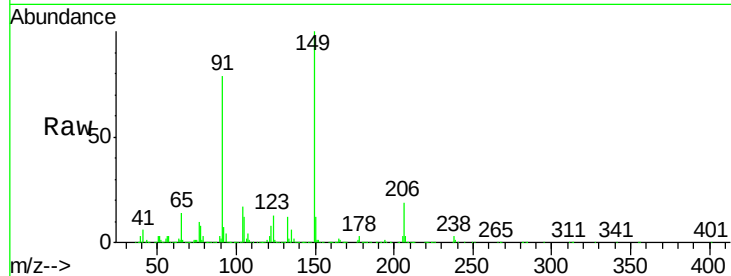




#79
Butylbenzylphthalate
Concen: 42.269 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

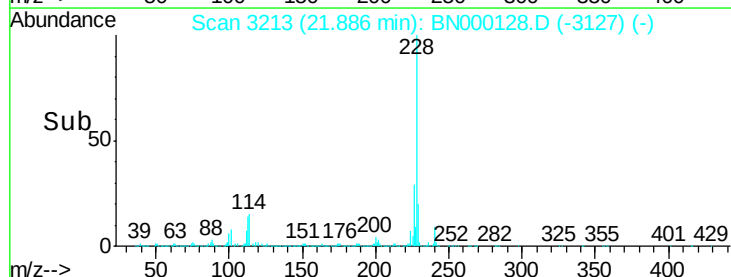
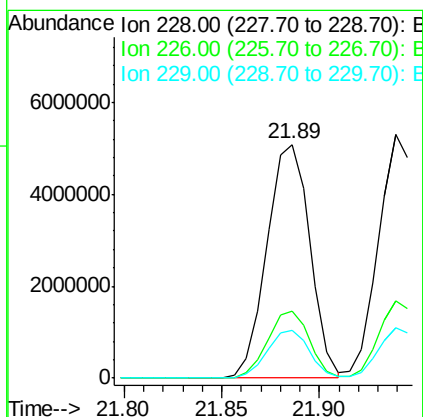
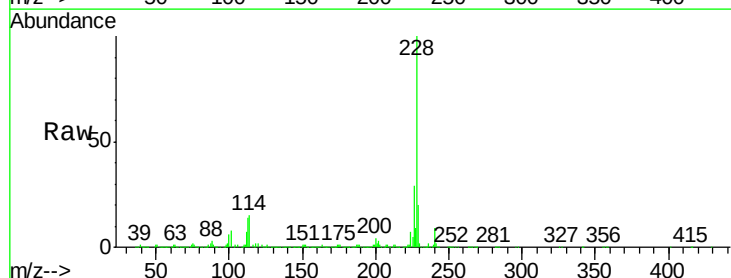
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

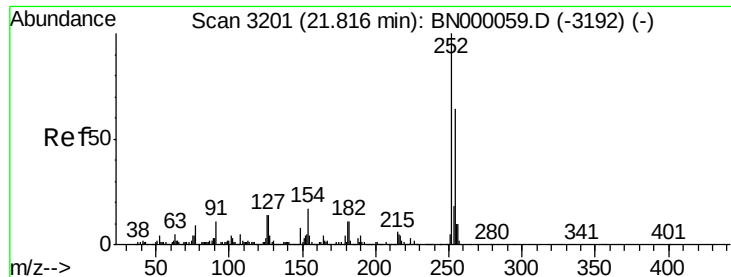
Tot Ion:149 Resp: 3877778
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 18.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.762 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:228 Resp: 7756031
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.5 16.2 24.2

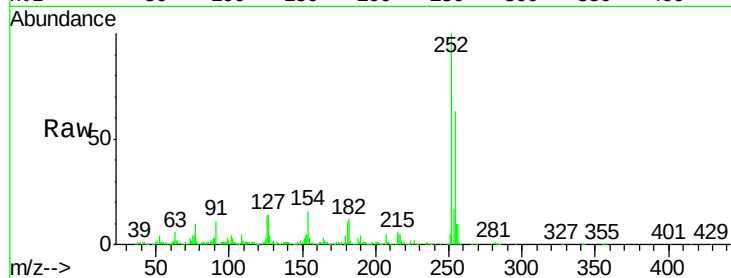




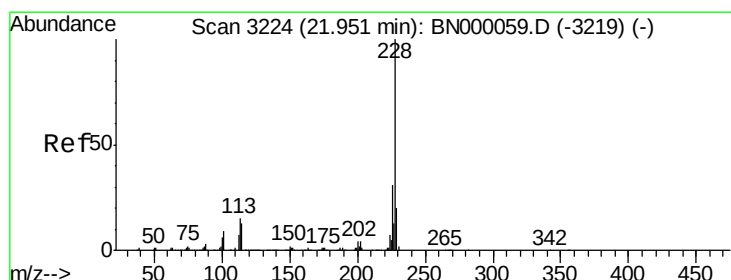
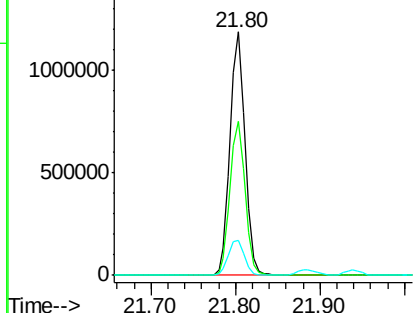
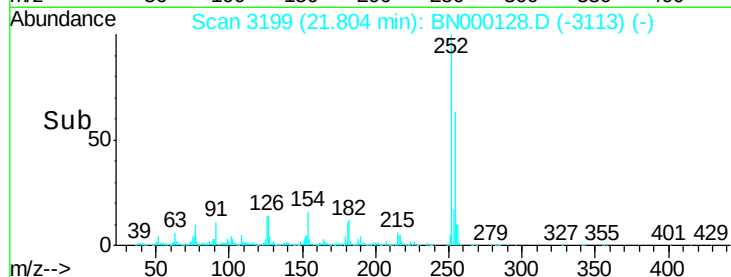
#81
 3,3'-Dichlorobenzidine
 Concen: 20.711 ng
 RT: 21.80 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

Tot Ion:252 Resp: 1447478
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.8 76.2
 126 14.4 7.4 11.2#

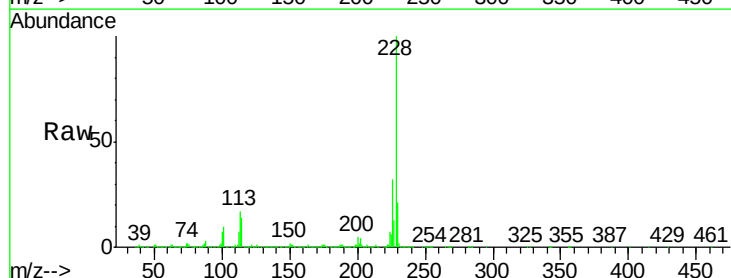


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

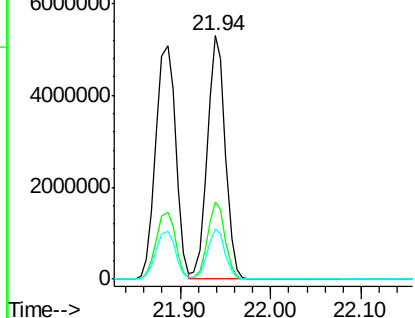
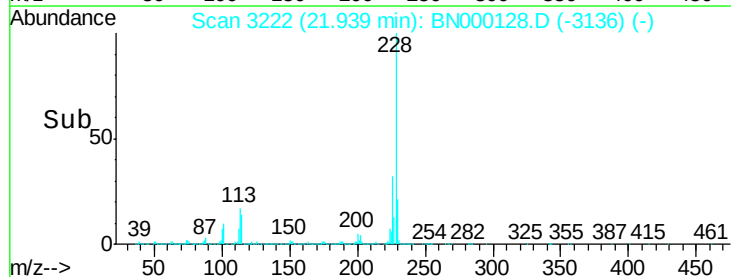


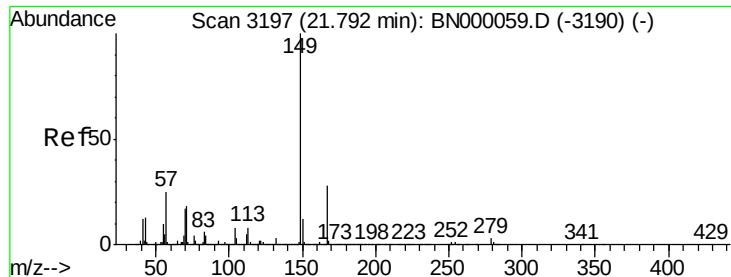
#82
 Chrysene
 Concen: 38.706 ng
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:228 Resp: 7339283
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.8 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.198 ng

RT: 21.77 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

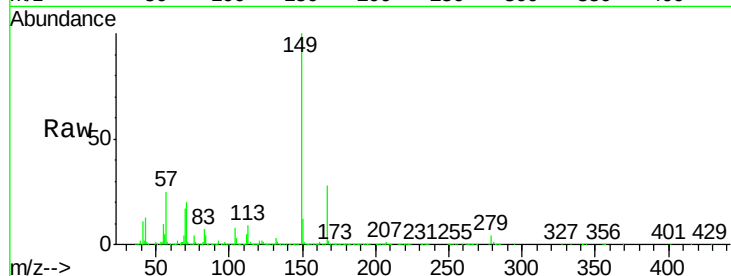
Tot Ion:149 Resp: 5645759

Ion Ratio Lower Upper

149 100

167 28.3 24.3 36.5

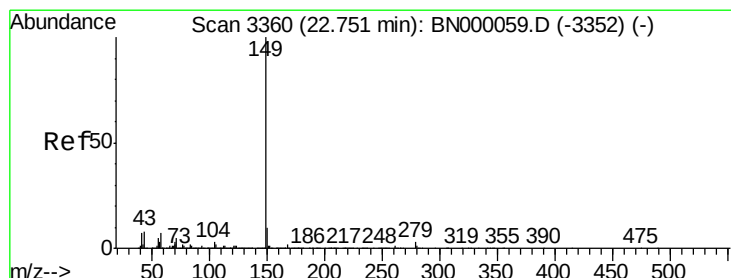
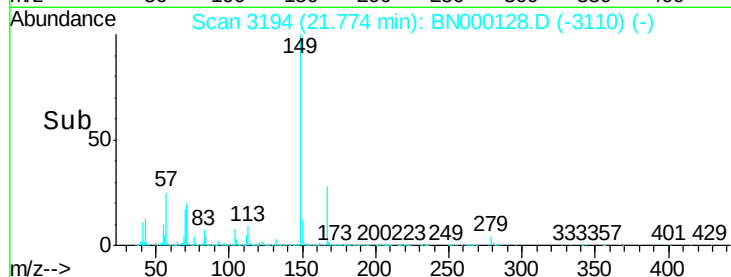
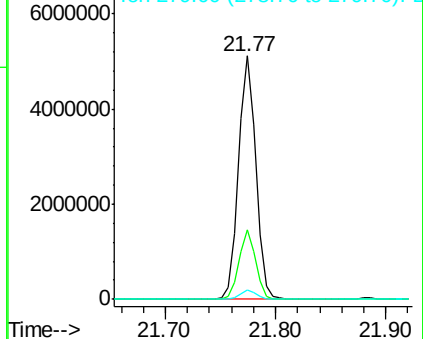
279 3.7 4.0 6.0#



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: 44.235 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

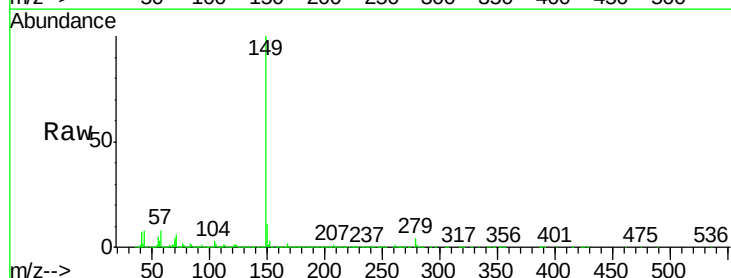
Tgt Ion:149 Resp: 9972719

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

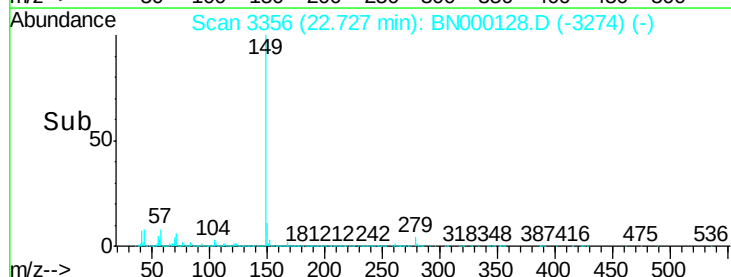
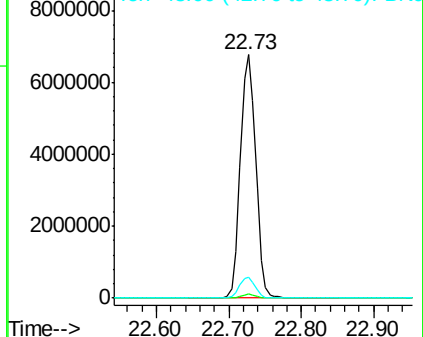
43 8.5 8.9 13.3#

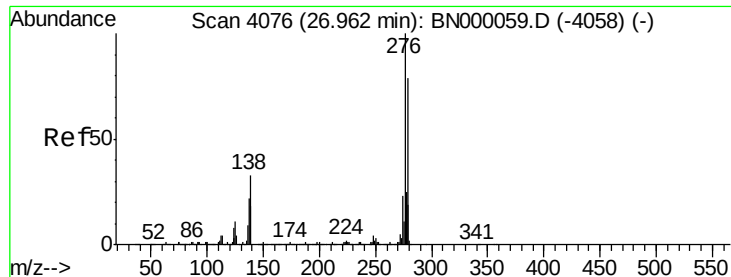


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

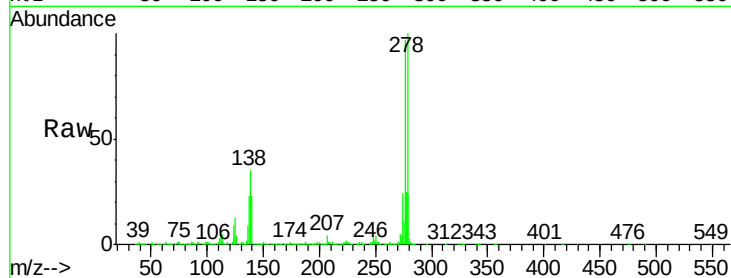




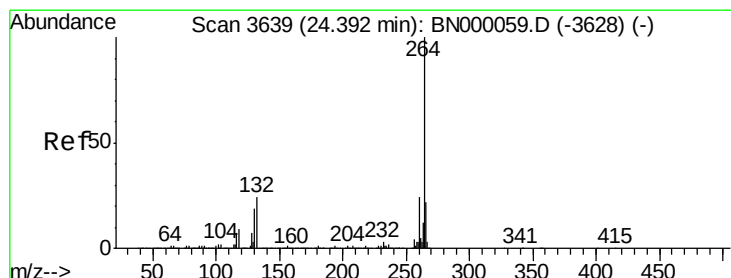
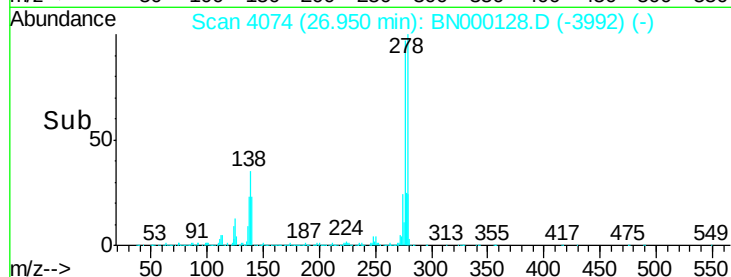
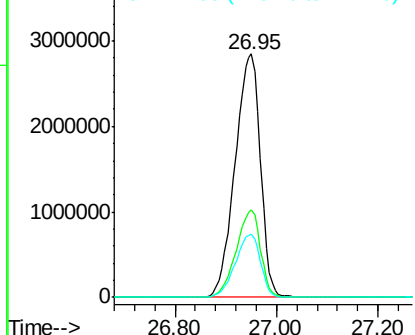
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.327 ng
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.05 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BSD

Tot Ion:276 Resp: 9859110
 Ion Ratio Lower Upper
 276 100
 138 34.7 16.0 24.0#
 277 25.7 20.0 30.0

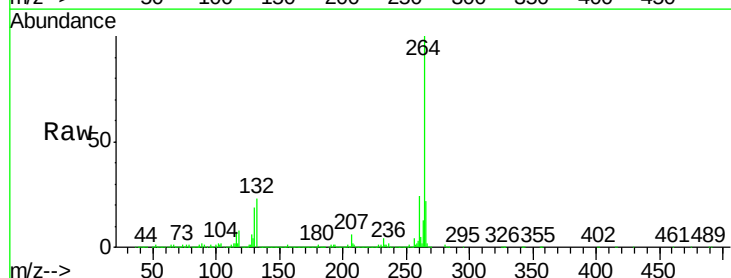


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

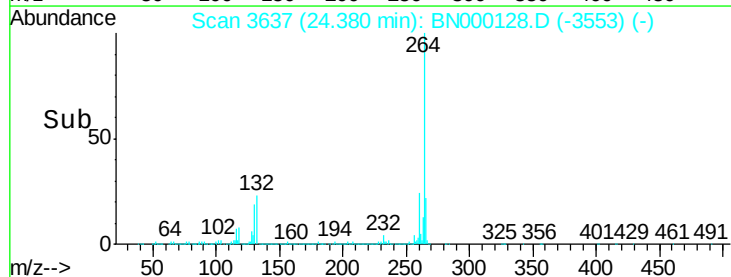
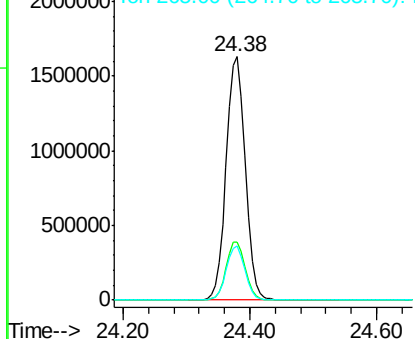


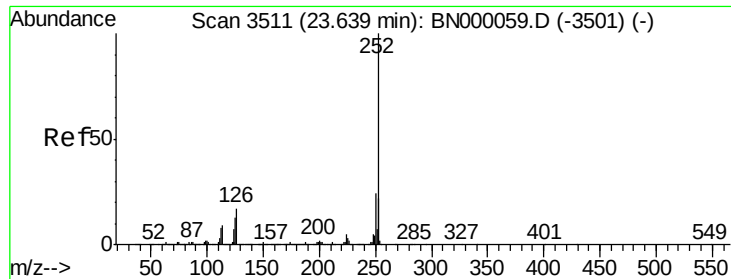
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.38 min Scan# 3637
 Delta R.T. -0.04 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Tgt Ion:264 Resp: 3417847
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

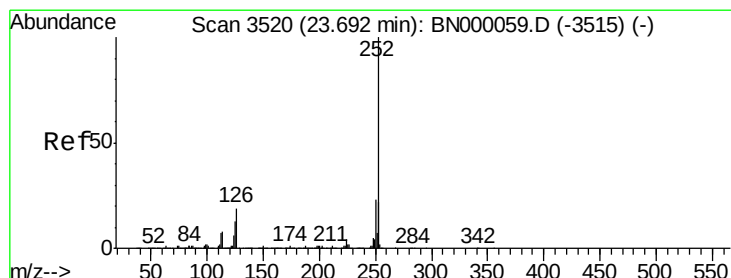
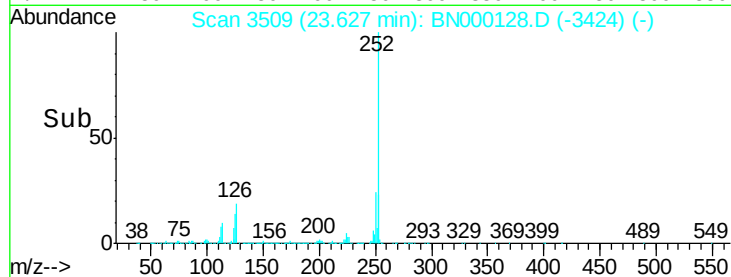
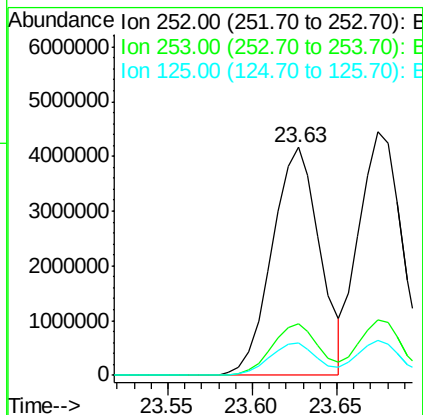
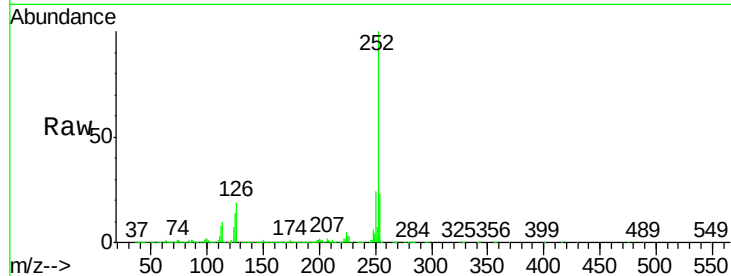




#87
Benzo(b)fluoranthene
Concen: 40.934 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

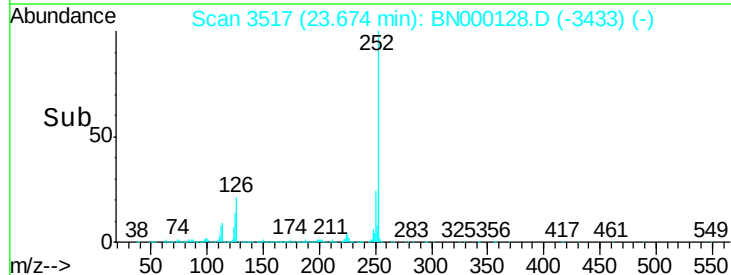
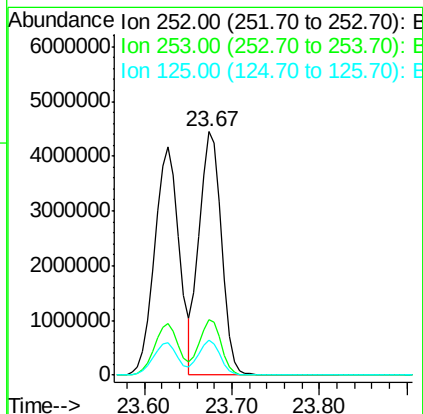
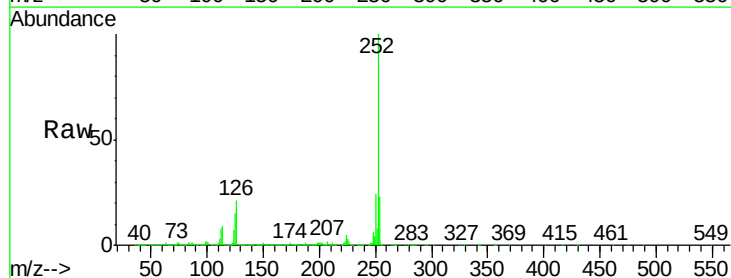
Instrument :
BNA_N
ClientSampleId :
PB106645BSD

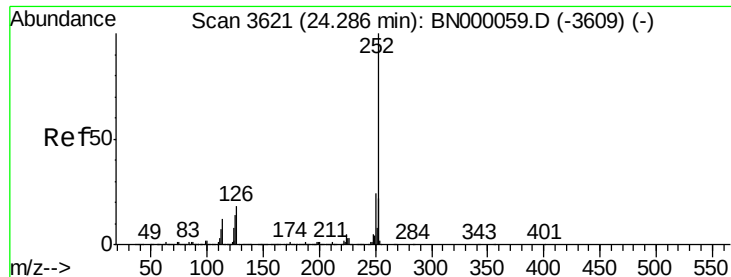
Tot Ion:252 Resp: 8189227
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 14.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 39.315 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Tgt Ion:252 Resp: 7921550
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 14.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.891 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

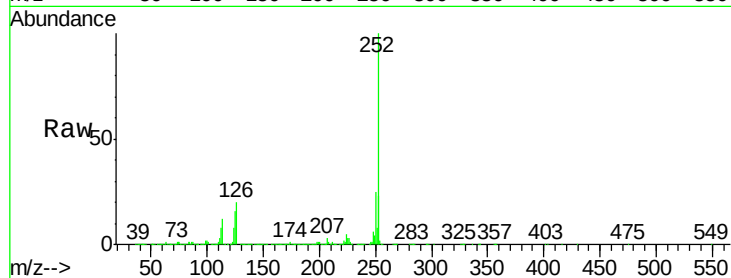
Tot Ion:252 Resp: 8036844

Ion Ratio Lower Upper

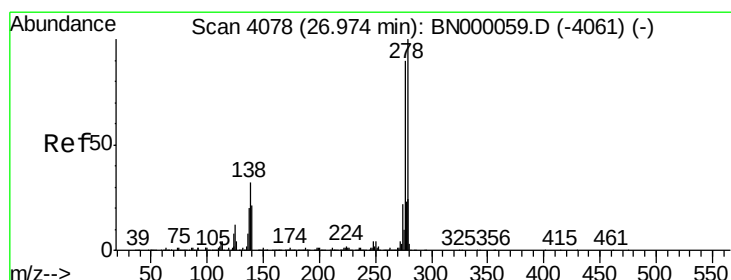
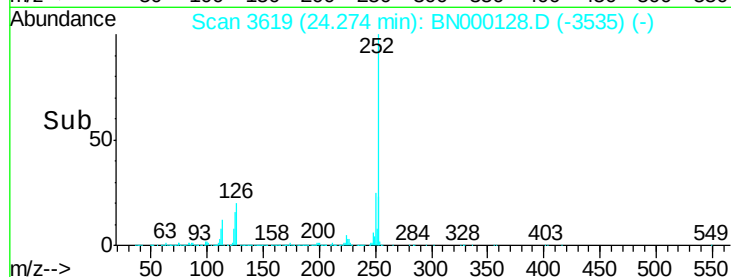
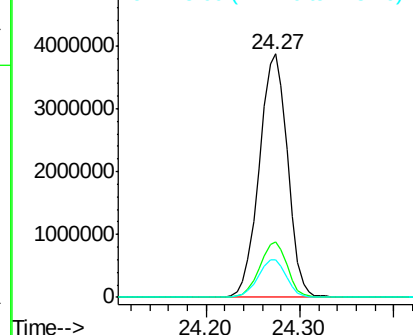
252 100

253 22.7 18.3 27.5

125 15.6 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: 41.288 ng

RT: 26.96 min Scan# 4075

Delta R.T. -0.05 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

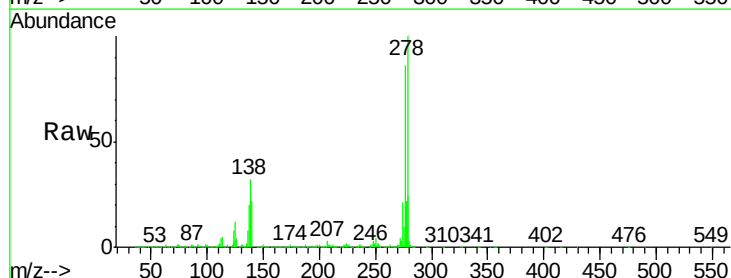
Tgt Ion:278 Resp: 8283622

Ion Ratio Lower Upper

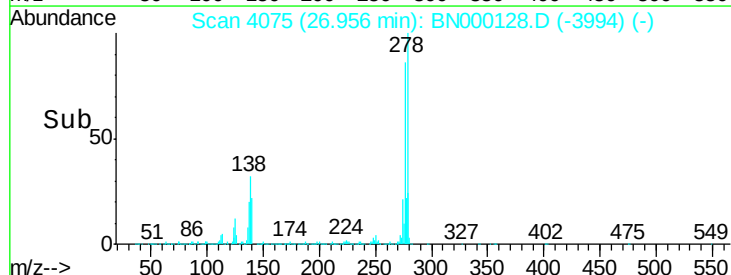
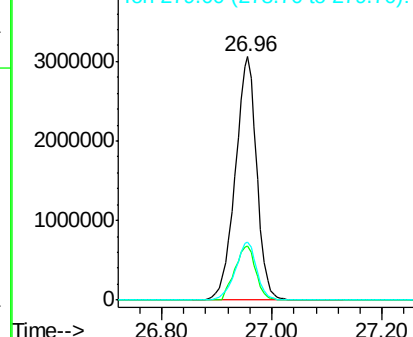
278 100

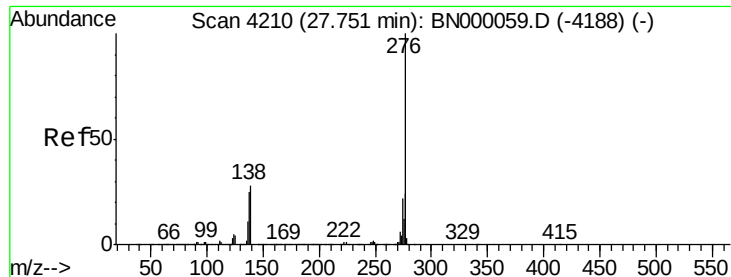
139 22.4 9.8 14.6#

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: 40.745 ng

RT: 27.74 min Scan# 4208

Delta R.T. -0.05 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Instrument :

BNA_N

ClientSampleId :

PB106645BSD

Tot Ion:276 Resp: 8265939

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 29.4 13.9 20.9#

