

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 :

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	31.15	ng	96
3) Pyridine	4.09	79	1085584	32.14	ng	98
4) n-Nitrosodimethylamine	4.00	42	421221	44.10	ng	# 89
6) Aniline	7.76	93	1326327	23.57	ng	92
8) 2-Chlorophenol	8.01	128	1603899	50.86	ng	89
9) Benzaldehyde	7.57	77	238392	9.38	ng	91
10) Phenol	7.62	94	2291518	53.15	ng	85
11) bis(2-Chloroethyl)ether	7.86	93	1515532	42.74	ng	# 83
12) 1,3-Dichlorobenzene	8.35	146	1325065	36.98	ng	99
13) 1,4-Dichlorobenzene	8.49	146	1380213	37.72	ng	97
14) 1,2-Dichlorobenzene	8.82	146	1362462	37.83	ng	97
15) Benzyl Alcohol	8.69	79	1439517	49.03	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1577282	42.02	ng	78
17) 2-Methylphenol	8.89	107	1495222	48.80	ng	95
18) Hexachloroethane	9.56	117	503670	39.54	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	1155648	42.22	ng	# 83
20) 3+4-Methylphenols	9.22	107	2043738	47.69	ng	93
22) Acetophenone	9.29	105	2431770	38.15	ng	# 88
24) Nitrobenzene	9.68	77	1790512	42.81	ng	# 93
25) Isophorone	10.20	82	3432856	43.40	ng	98
26) 2-Nitrophenol	10.40	139	728129	43.31	ng	91
27) 2,4-Dimethylphenol	10.44	122	1761141	51.36	ng	95
28) bis(2-Chloroethoxy)methane	10.68	93	2256296	44.48	ng	96
29) 2,4-Dichlorophenol	10.93	162	1511856	47.64	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	1320745	36.14	ng	97
31) Naphthalene	11.35	128	4779158	38.32	ng	98
32) Benzoic acid	10.56	122	1032637	42.19	ng	91
33) 4-Chloroaniline	11.45	127	1152904	21.04	ng	96
34) Hexachlorobutadiene	11.62	225	647872	34.19	ng	97
35) Caprolactam	12.20	113	615834	44.70	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	1923504	47.74	ng	98
37) 2-Methylnaphthalene	12.92	142	3517455	40.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1459340	35.90	ng	# 95
40) Hexachlorocyclopentadiene	13.26	237	1442354	85.12	ng	92

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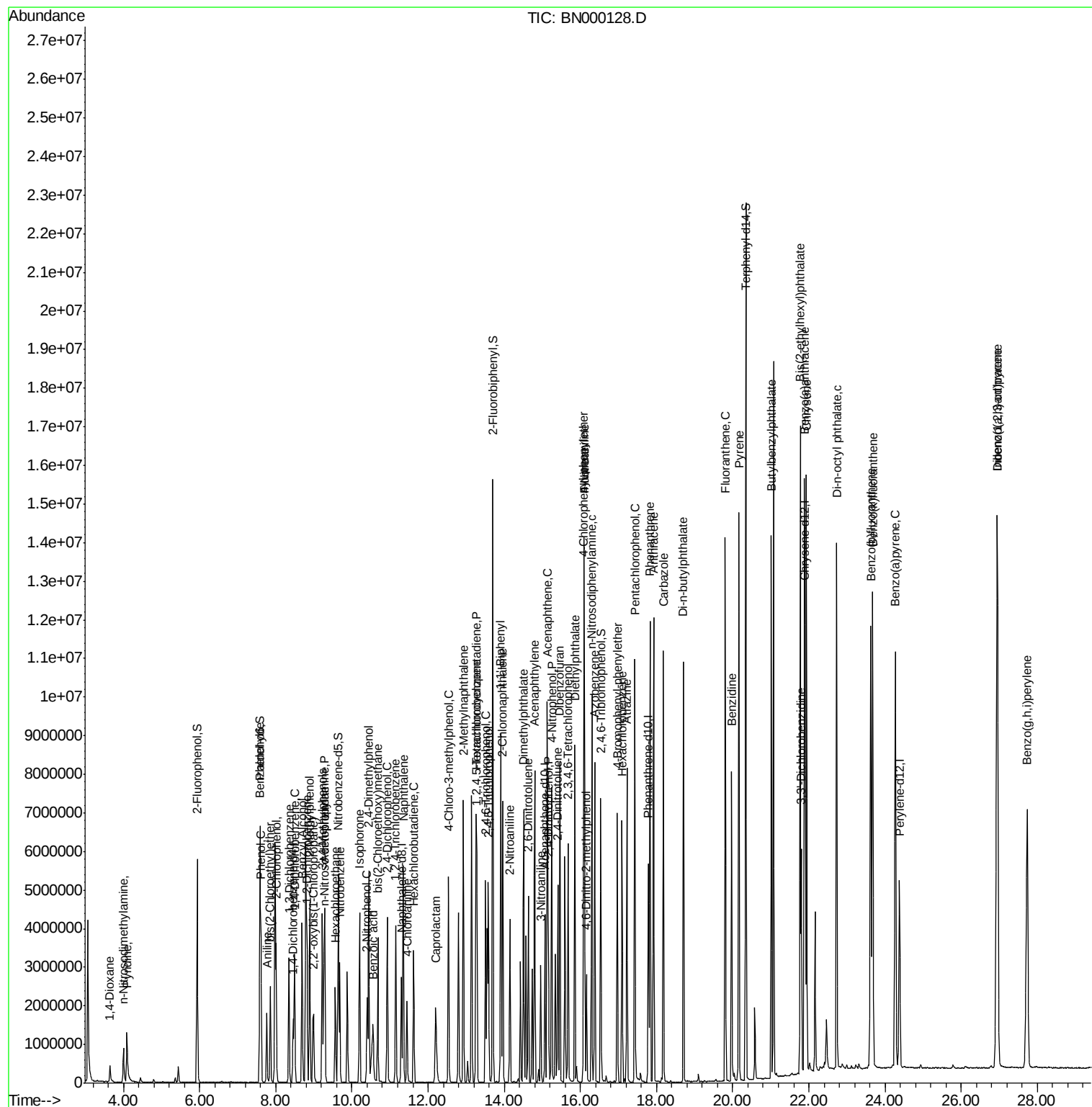
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	1087373	44.63	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	1223785	41.78	nq	# 91
45) 1,1'-Biphenyl	13.91	154	4532833	37.37	nq	97
46) 2-Chloronaphthalene	13.96	162	3417418	37.55	nq	96
47) 2-Nitroaniline	14.15	65	1151938	43.65	nq	# 84
48) Acenaphthylene	14.80	152	5657888	38.59	nq	98
49) Dimethylphthalate	14.51	163	4460630	38.75	nq	99
50) 2,6-Dinitrotoluene	14.63	165	979859	41.23	nq	93
51) Acenaphthene	15.13	154	3941123	41.29	nq	99
52) 3-Nitroaniline	14.96	138	741523	25.67	nq	# 92
53) 2,4-Dinitrophenol	15.16	184	835200	96.88	nq	# 1
54) Dibenzofuran	15.46	168	5350382	39.58	nq	95
55) 4-Nitrophenol	15.25	139	2074805	87.16	nq	# 85
56) 2,4-Dinitrotoluene	15.41	165	1397940	41.69	nq	92
57) Fluorene	16.10	166	4323182	39.17	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	1052782	45.55	nq	# 82
59) Diethylphthalate	15.85	149	4678127	39.99	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	1947647	38.72	nq	90
61) 4-Nitroaniline	16.11	138	1233605	41.56	nq	91
62) Azobenzene	16.37	77	5032702	43.21	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	522808	39.11	nq	89
65) n-Nitrosodiphenylamine	16.30	169	3876884	40.07	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	1119927	39.61	nq	# 88
67) Hexachlorobenzene	17.09	284	1229247	37.23	nq	# 87
68) Atrazine	17.22	200	1275876	40.52	nq	93
69) Pentachlorophenol	17.43	266	1618215	71.82	nq	99
70) Phenanthrene	17.83	178	6807577	38.76	nq	99
71) Anthracene	17.92	178	7008516	41.21	nq	99
72) Carbazole	18.18	167	6832089	39.88	nq	# 97
73) Di-n-butylphthalate	18.70	149	7823329	41.36	nq	# 99
74) Fluoranthene	19.80	202	7546142	40.95	nq	92
76) Benzidine	19.97	184	4000949	40.54	nq	96
77) Pyrene	20.16	202	7881966	40.06	nq	97
79) Butylbenzylphthalate	21.02	149	3877778	42.27	nq	97
80) Benzo(a)anthracene	21.89	228	7756031	40.76	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	1447478	20.71	nq	# 98
82) Chrysene	21.94	228	7339283	38.71	nq	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	5645759	41.20	nq	# 96
84) Di-n-octyl phthalate	22.73	149	9972719	44.23	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.95	276	9859110	42.33	nq	# 85
87) Benzo(b)fluoranthene	23.63	252	8189227	40.93	nq	# 96
88) Benzo(k)fluoranthene	23.67	252	7921550	39.31	nq	# 94
89) Benzo(a)pyrene	24.27	252	8036844	41.89	nq	# 95
90) Dibenzo(a,h)anthracene	26.96	278	8283622	41.29	nq	# 90
91) Benzo(g,h,i)perylene	27.74	276	8265939	40.74	nq	# 87

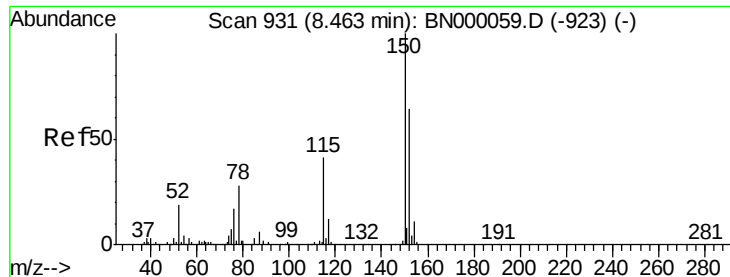
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

ClientSampled :

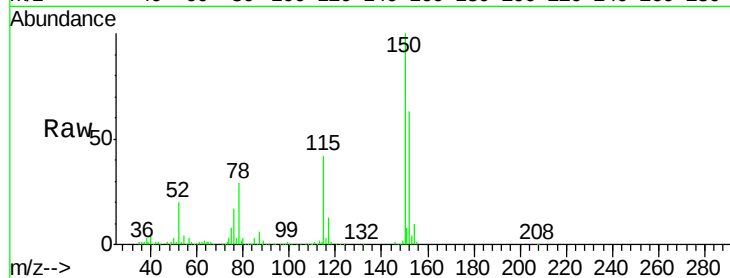
Tot Ion:152 Resp: 439461

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

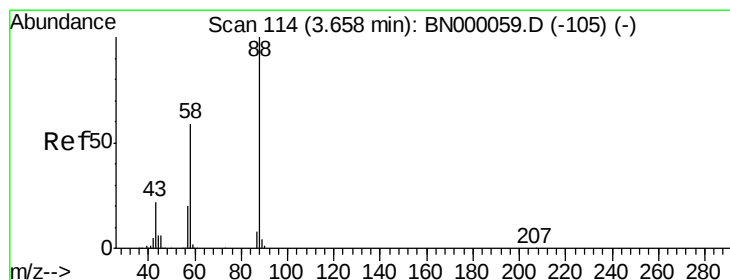
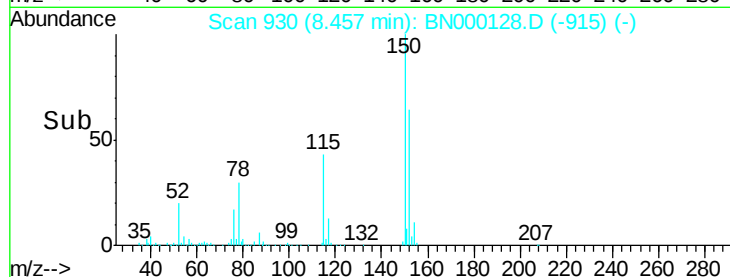
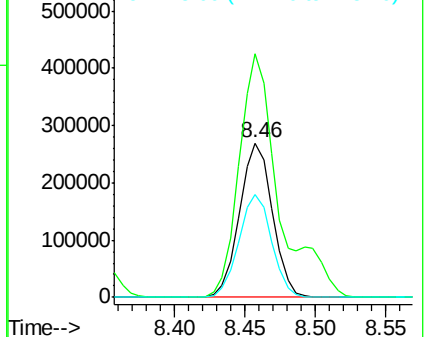
115 66.6 53.0 79.4



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: 31.15 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

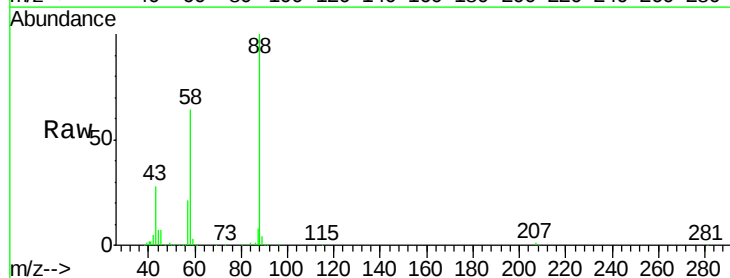
Tgt Ion: 88 Resp: 338017

Ion Ratio Lower Upper

88 100

58 62.6 52.0 78.0

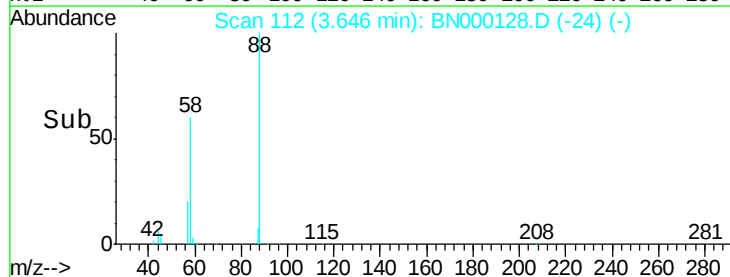
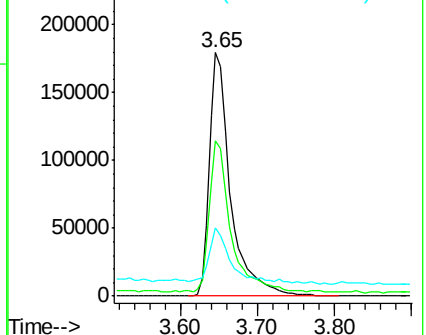
43 21.3 20.0 30.0

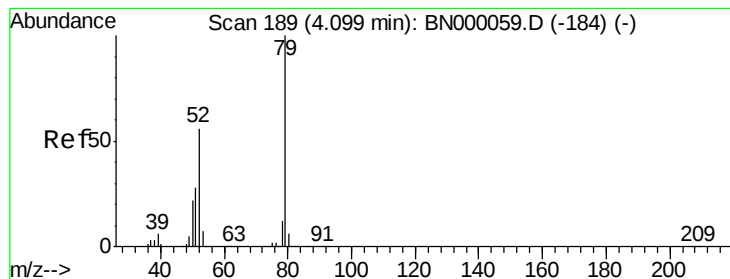


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 32.14 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 :

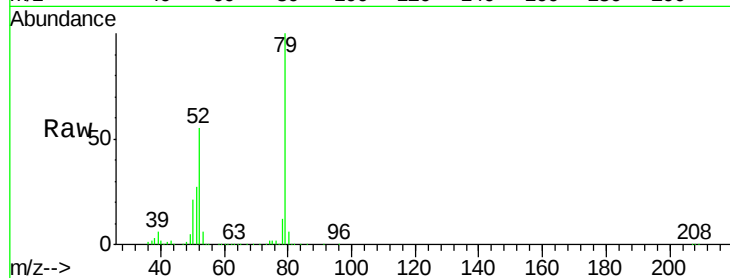
Tot Ion: 79 Resp: 1085584

Ion Ratio Lower Upper

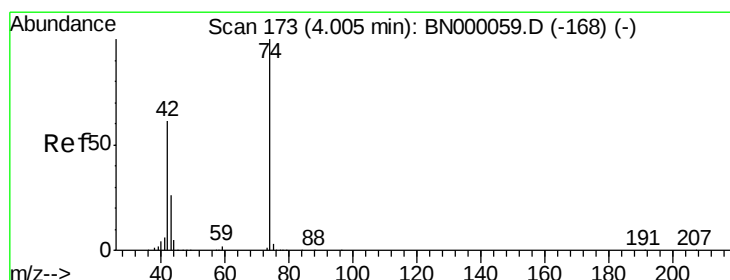
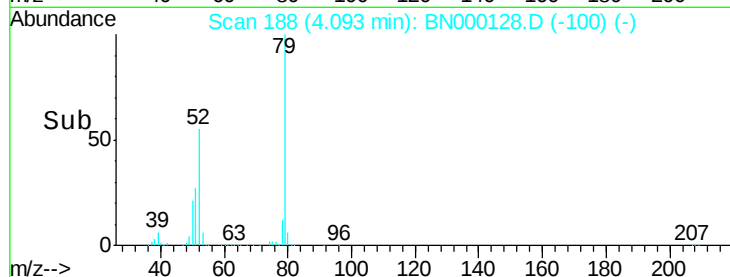
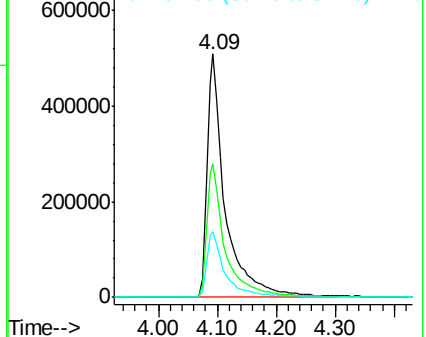
79 100

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: 44.10 ng

RT: 4.00 min Scan# 172

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

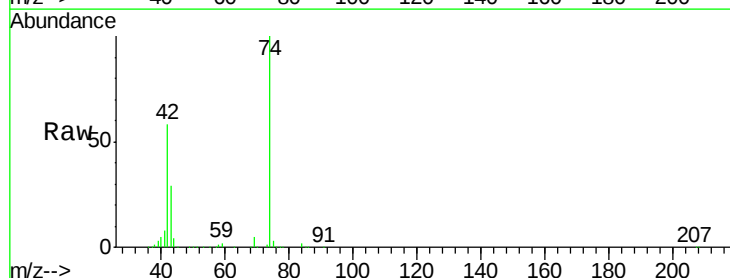
Tgt Ion: 42 Resp: 421221

Ion Ratio Lower Upper

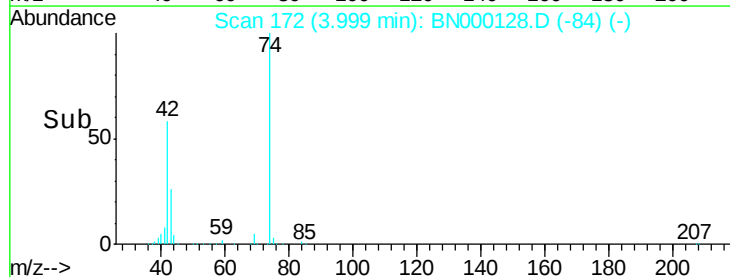
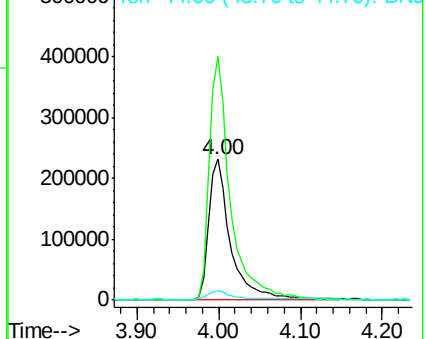
42 100

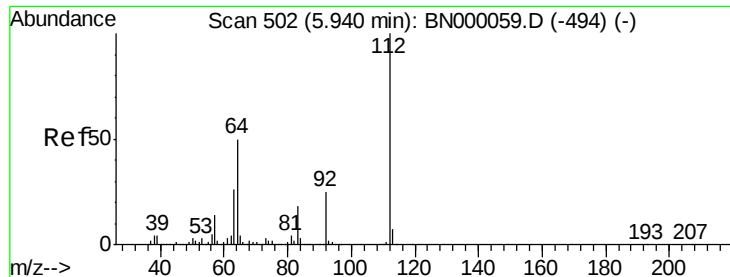
74 172.8 128.0 192.0

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: 110.00 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

ClientSampled :

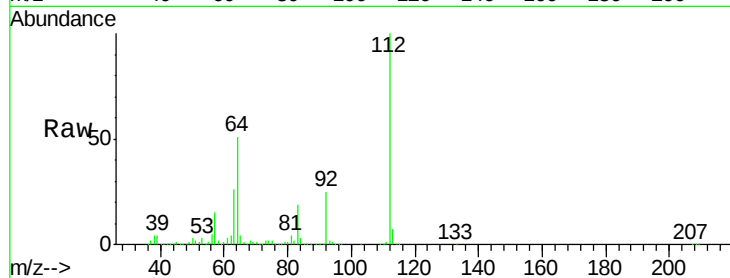
Tot Ion:112 Resp: 2966186

Ion Ratio Lower Upper

112 100

64 51.3 56.3 84.5#

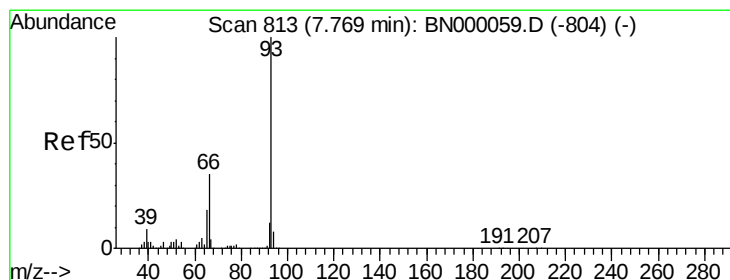
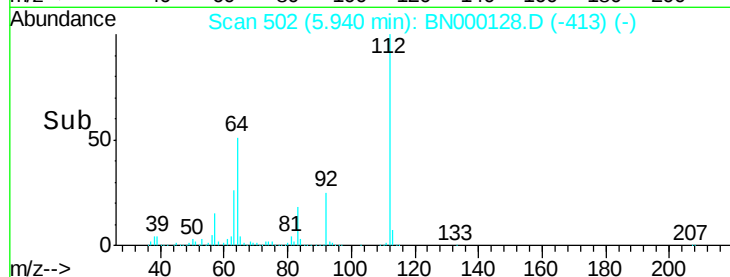
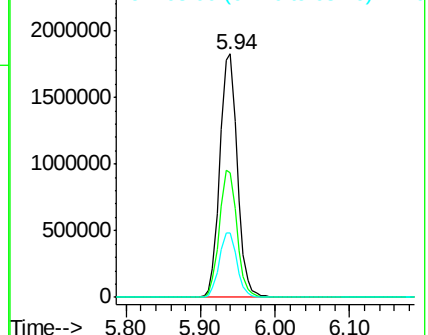
63 26.5 30.1 45.1#



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: 23.57 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

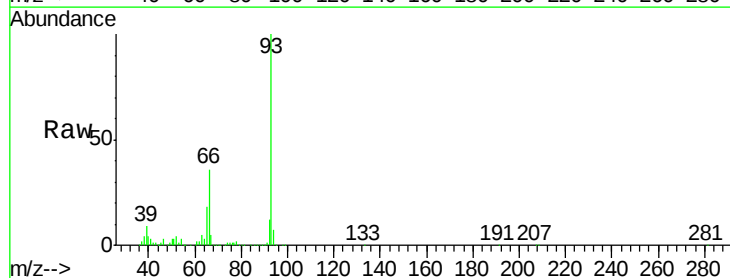
Tgt Ion: 93 Resp: 1326327

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

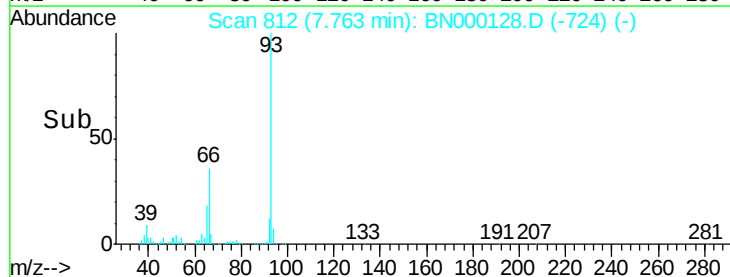
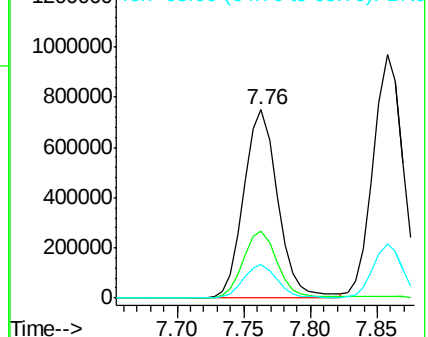
65 17.7 16.1 24.1

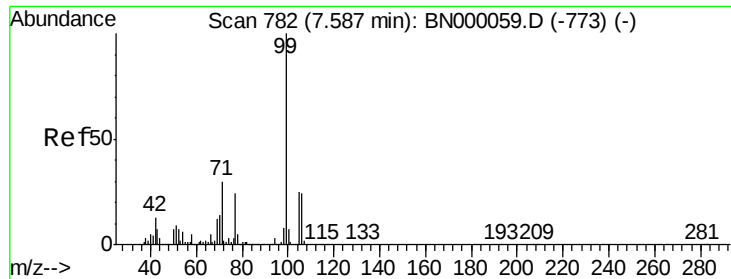


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 102.95 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

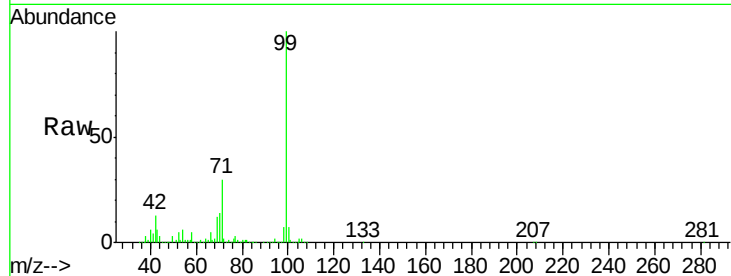
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 4204861

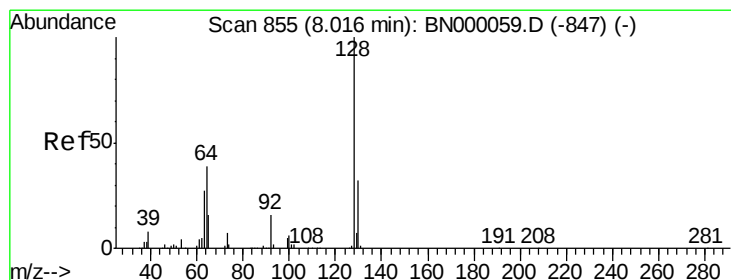
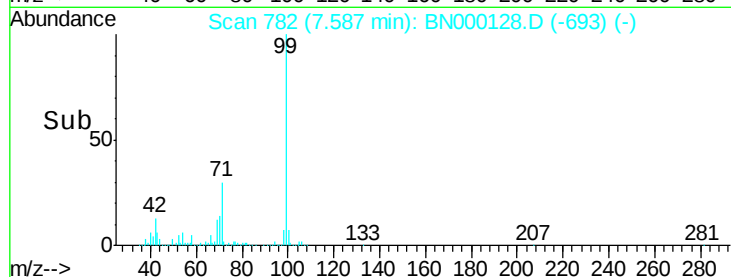
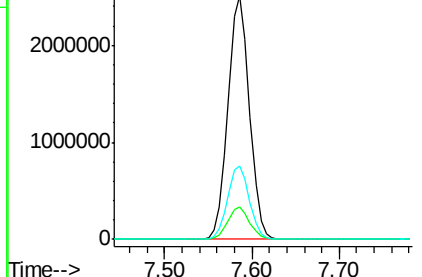
Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.3	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000128.D (-766) (-)

Ion 42.00 (41.70 to 42.70): BN000128.D (-766) (-)

Ion 71.00 (70.70 to 71.70): BN000128.D (-766) (-)



#8

2-Chlorophenol

Concen: 50.86 ng

RT: 8.01 min Scan# 854

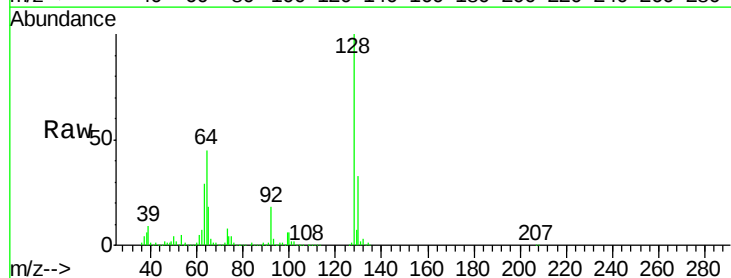
Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion: 128 Resp: 1603899

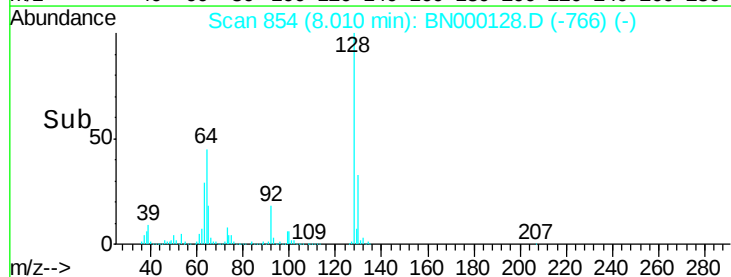
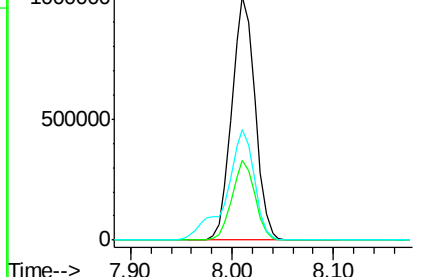
Ion	Ratio	Lower	Upper
128	100		
130	32.6	14.0	54.0
64	45.4	37.7	77.7

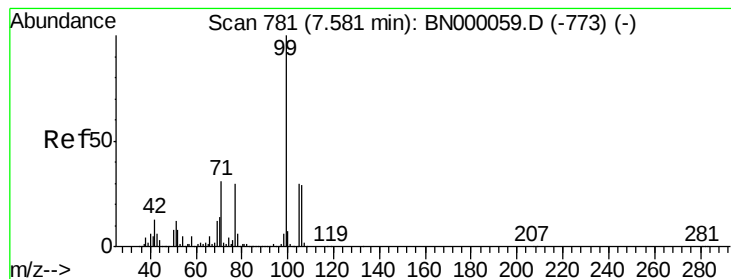


Abundance Ion 128.00 (127.70 to 128.70): BN000128.D (-766) (-)

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

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





#9

Benzaldehyde

Concen: 9.38 ng

RT: 7.57 min Scan# 780

Delta R.T. -0.01 min

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Acq: 20 Feb 2018 01:38

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ClientSampleId :

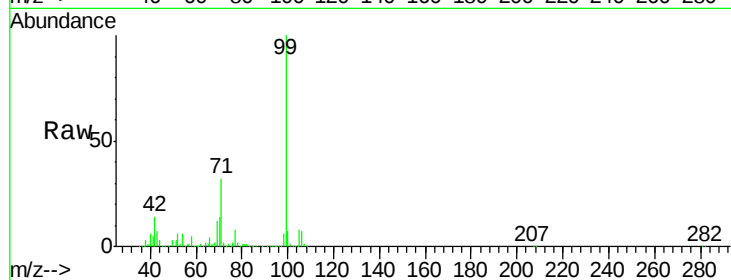
Tot Ion: 77 Resp: 238392

Ion Ratio Lower Upper

77 100

105 97.6 71.3 111.3

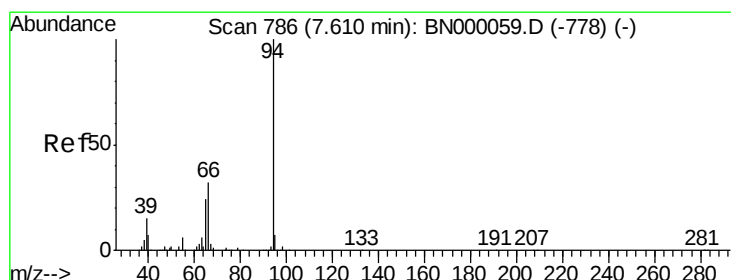
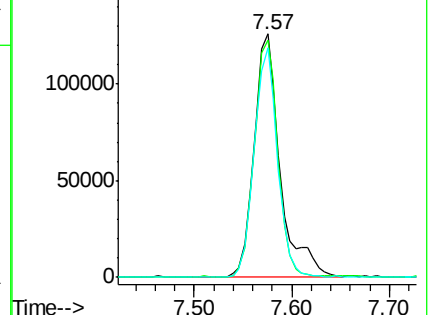
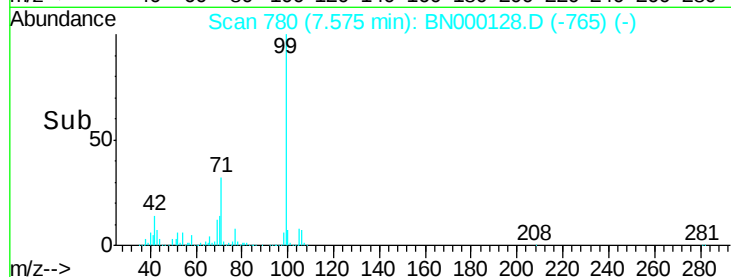
106 94.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 53.15 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

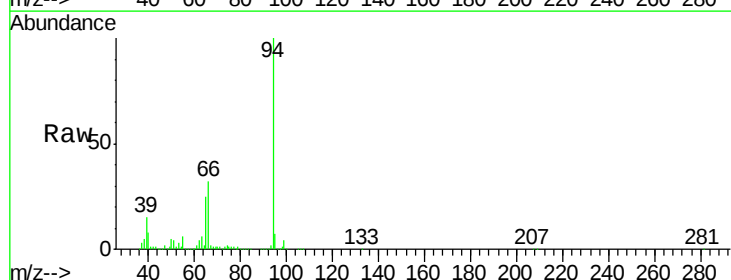
Tgt Ion: 94 Resp: 2291518

Ion Ratio Lower Upper

94 100

65 24.7 11.9 51.9

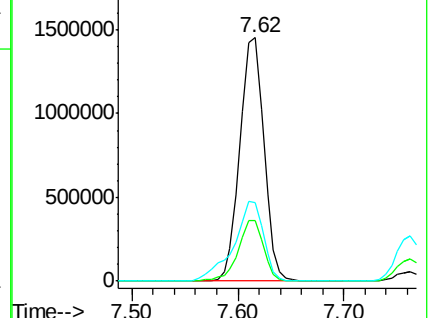
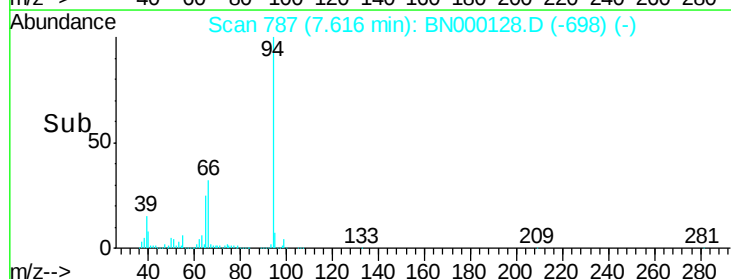
66 32.3 22.2 62.2



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: 42.74 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

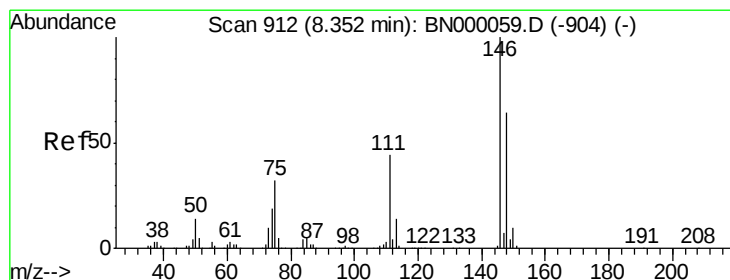
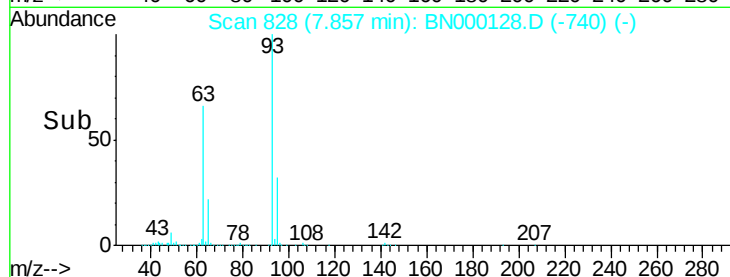
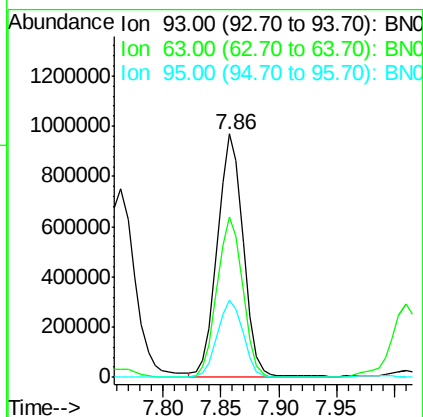
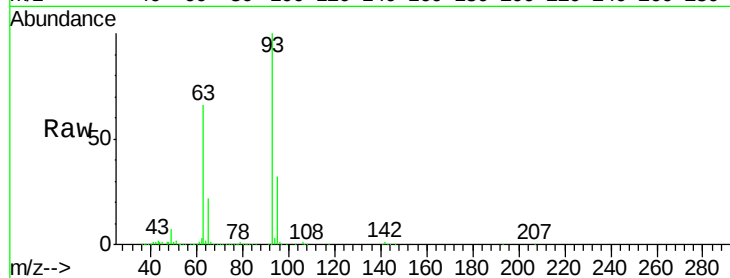
Instrument :

BNA_N

ClientSampleId :

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: 36.98 ng

RT: 8.35 min Scan# 911

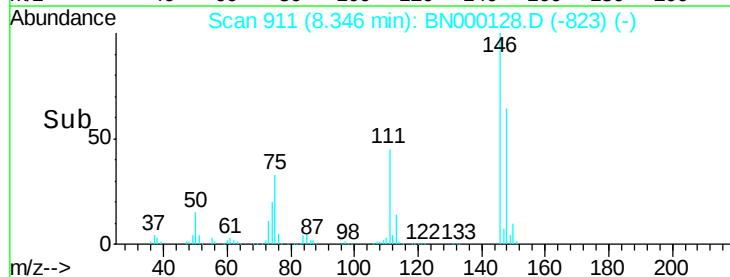
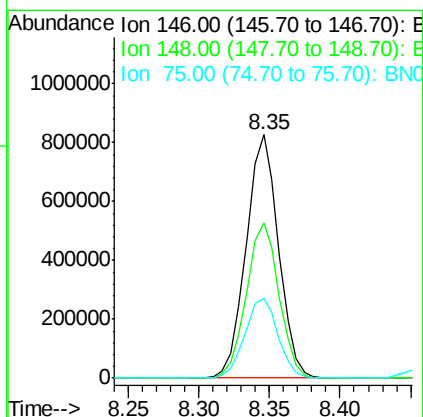
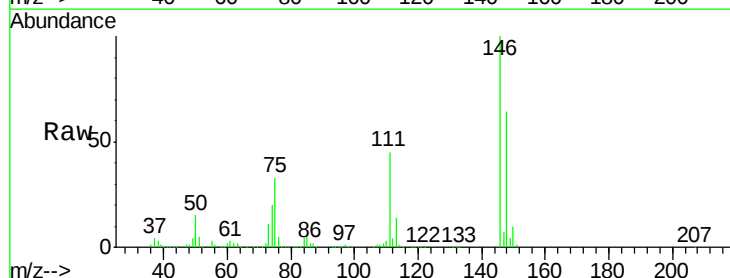
Delta R.T. -0.01 min

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: 37.72 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

ClientSampled :

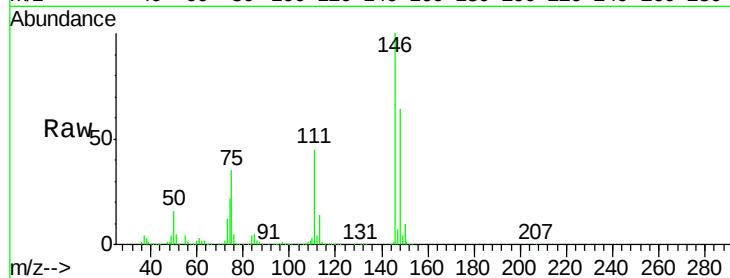
Tot Ion:146 Resp: 1380213

Ion Ratio Lower Upper

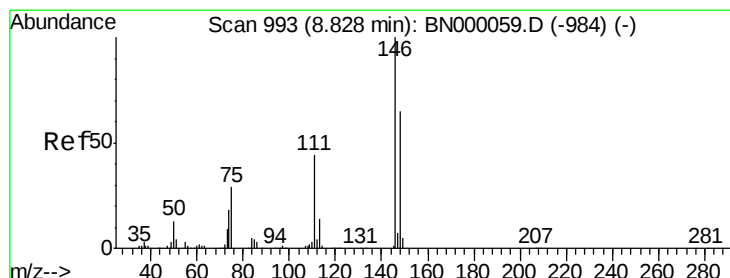
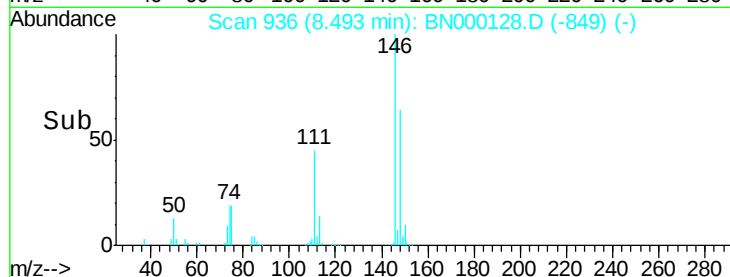
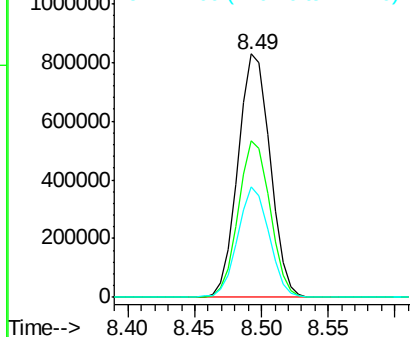
146 100

148 64.2 53.7 80.5

111 45.2 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 37.83 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

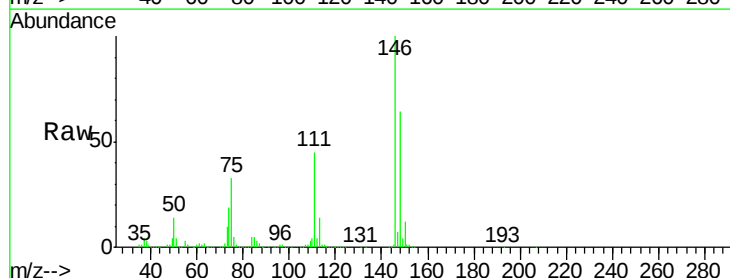
Tgt Ion:146 Resp: 1362462

Ion Ratio Lower Upper

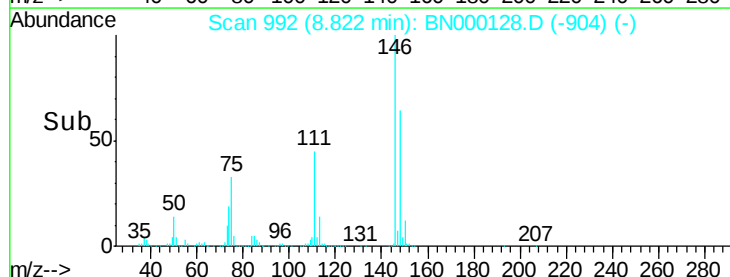
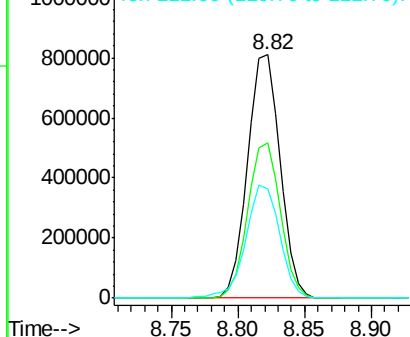
146 100

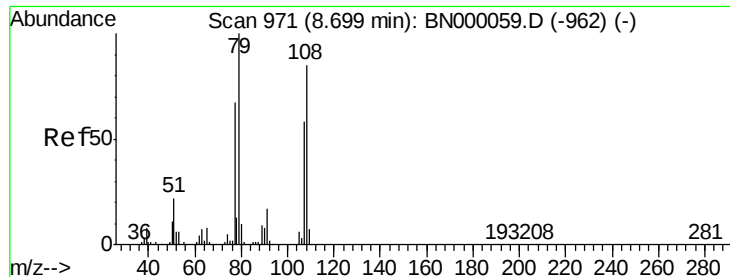
148 64.0 49.3 73.9

111 44.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 49.03 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

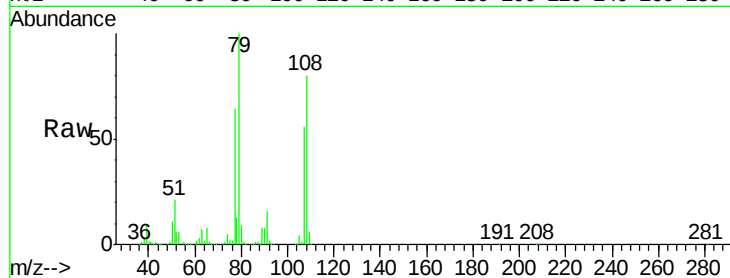
Instrument :

BNA_N

ClientSampled :

Tot Ion: 79 Resp: 1439517

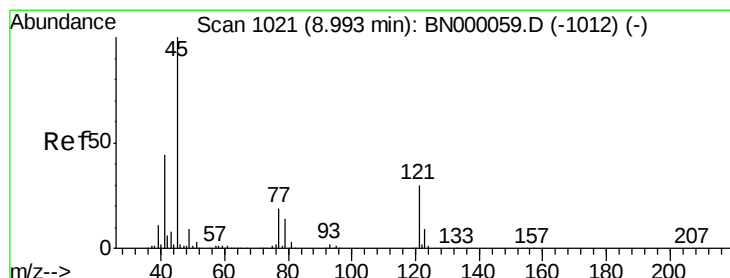
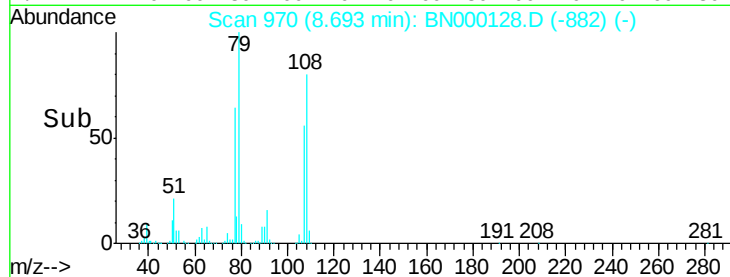
Ion	Ratio	Lower	Upper
79	100		
108	80.4	57.2	85.8
77	63.9	46.1	69.1



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

Ion 77.00 (76.70 to 77.70): BN0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.02 ng

RT: 8.99 min Scan# 1020

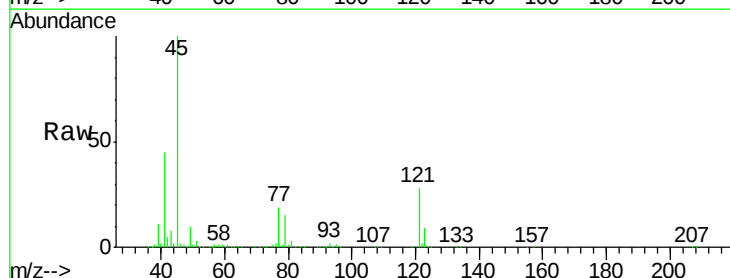
Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion: 45 Resp: 1577282

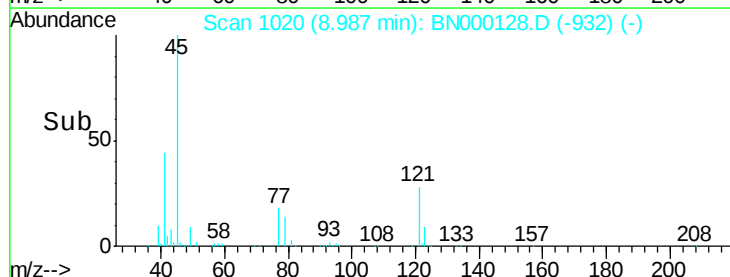
Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	30.2
79	14.7	0.0	27.9

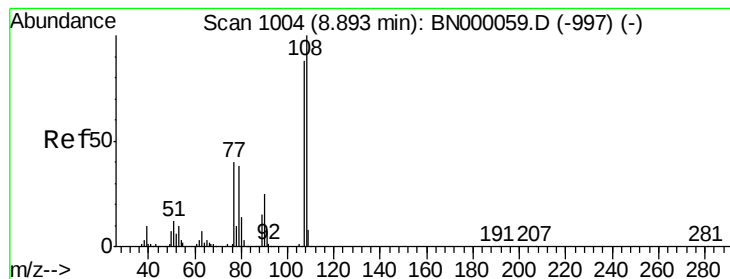


Abundance Ion 45.00 (44.70 to 45.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

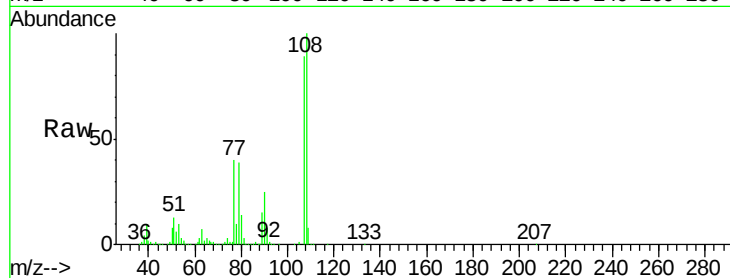




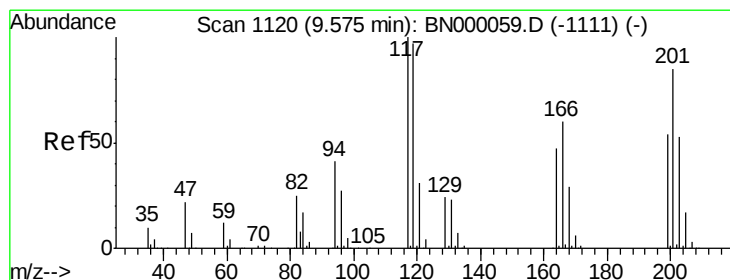
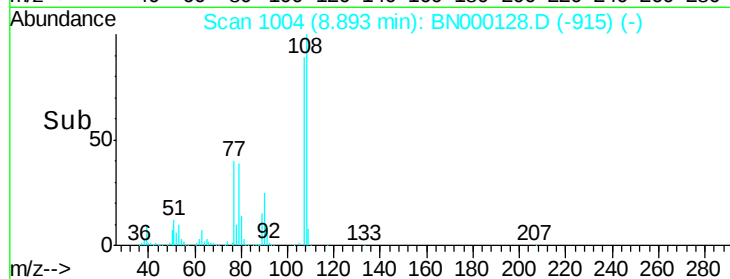
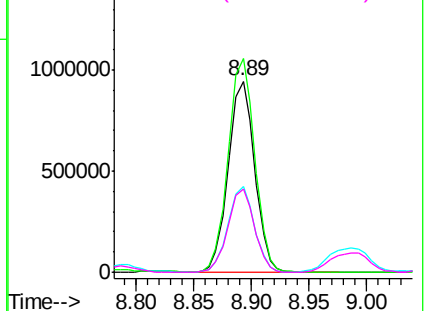
#17
2-Methylphenol
Concen: 48.80 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :

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

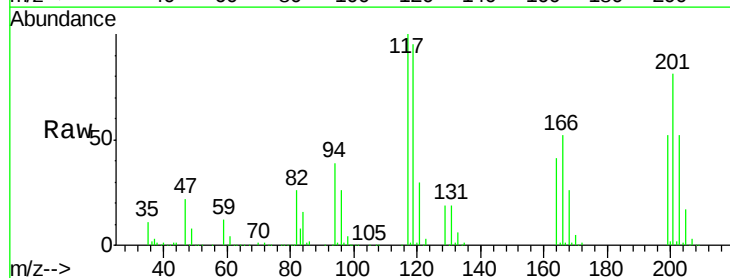


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

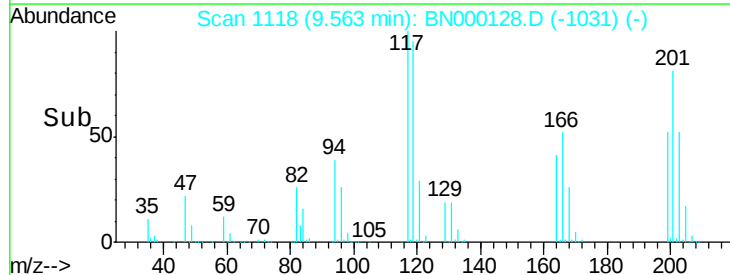
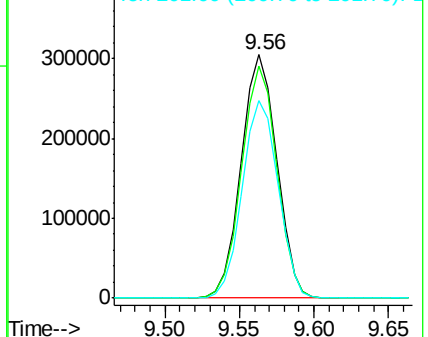


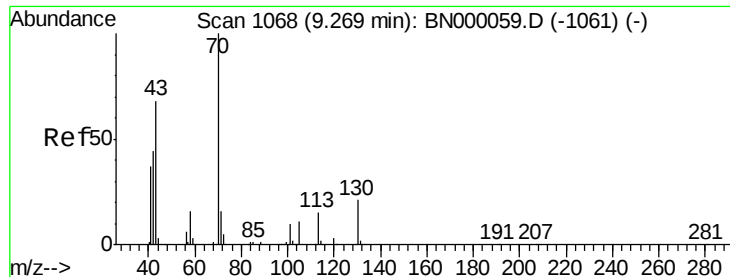
#18
Hexachloroethane
Concen: 39.54 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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

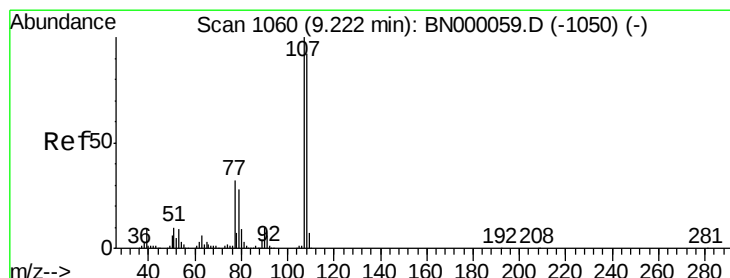
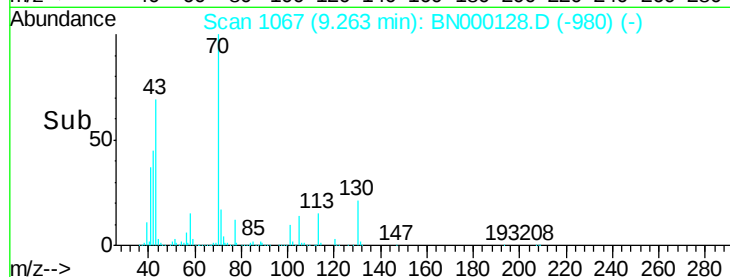
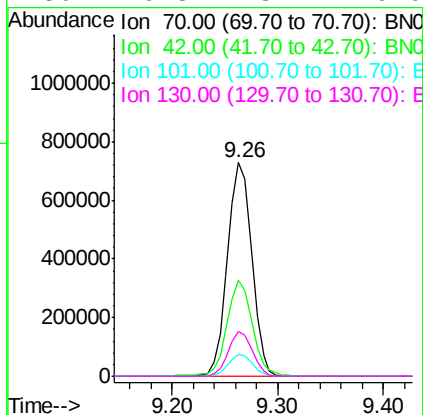
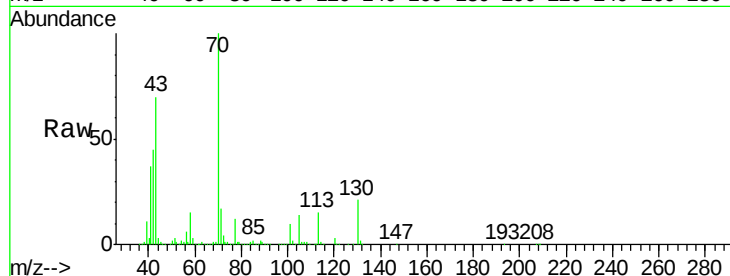




#19
n-Nitroso-di-n-propylamine
Concen: 42.22 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

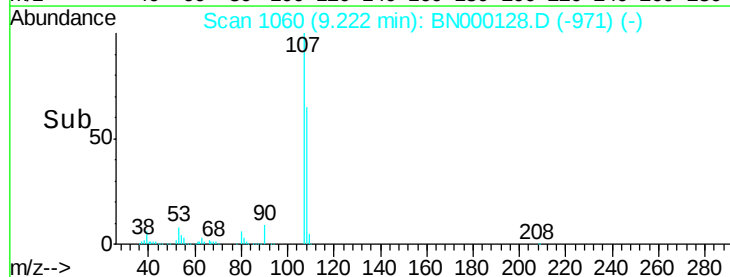
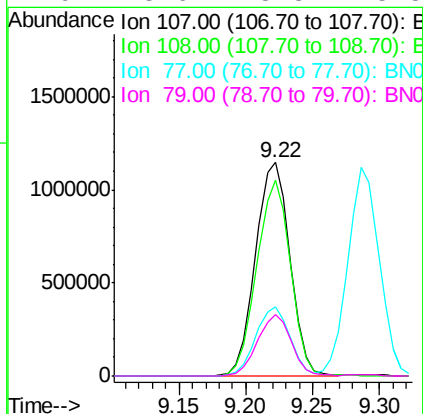
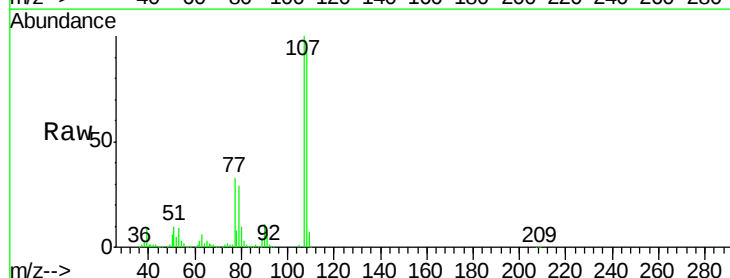
Instrument :
BNA_N
ClientSampleId :

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: 47.69 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: 20.00 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 :

Tot Ion:136 Resp: 2274911

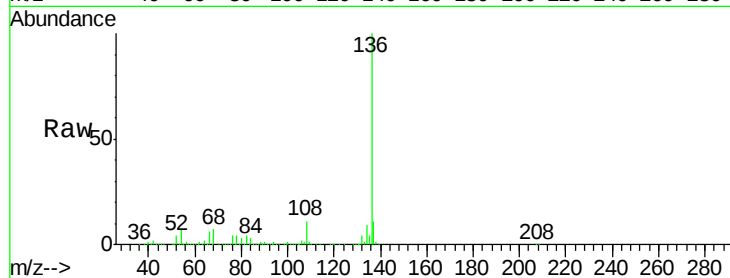
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 7.2 4.5 6.7#

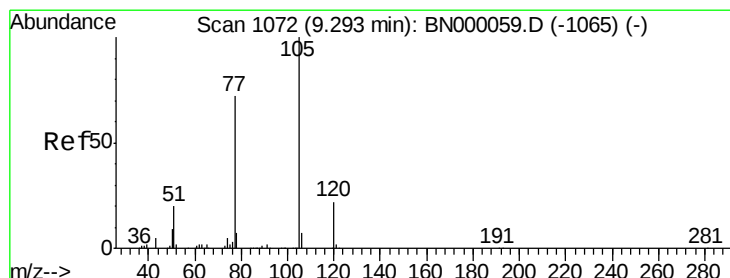
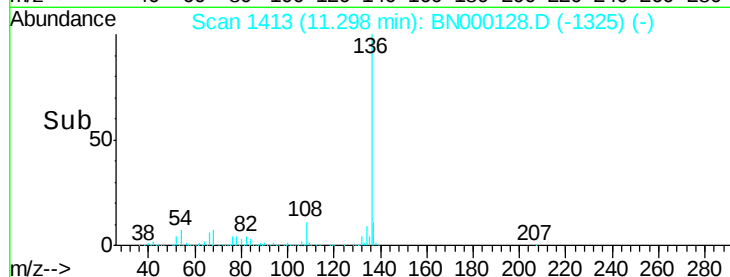
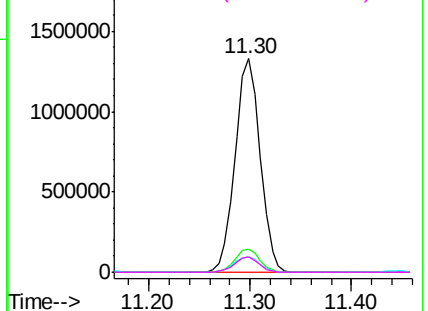


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.15 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

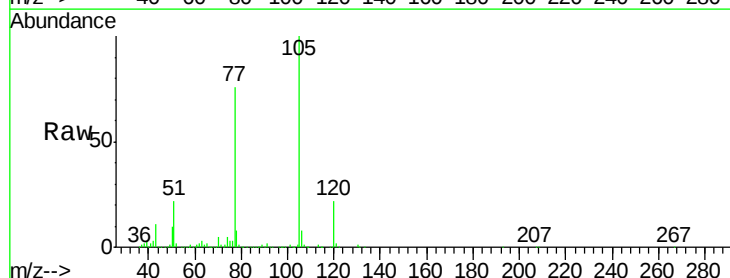
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 21.5 26.1 39.1#

120 22.2 17.4 26.2

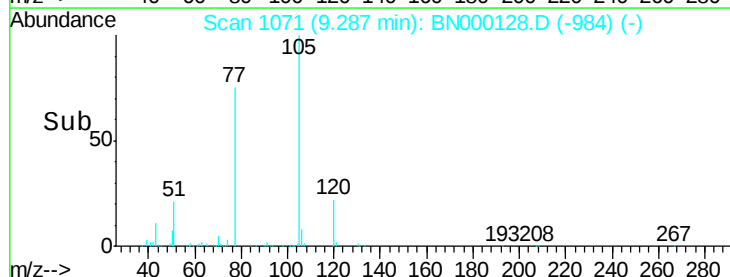
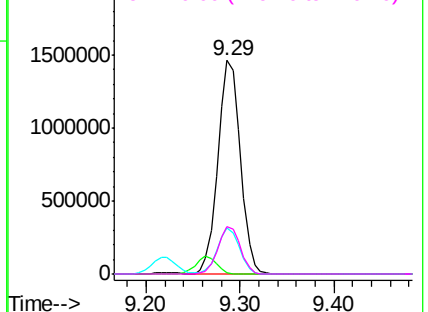


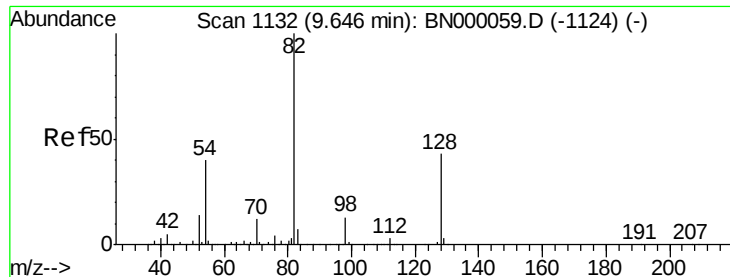
Abundance Ion 105.00 (104.70 to 105.70): E

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

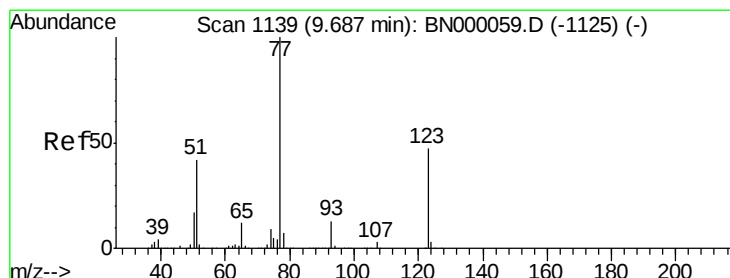
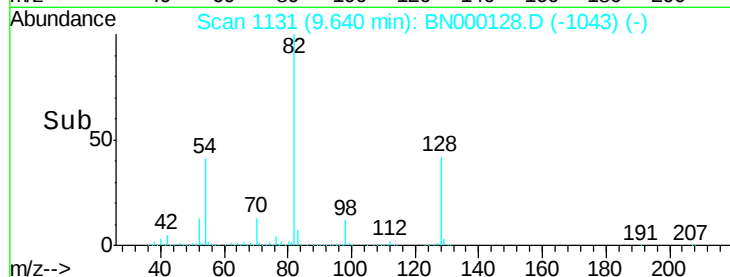
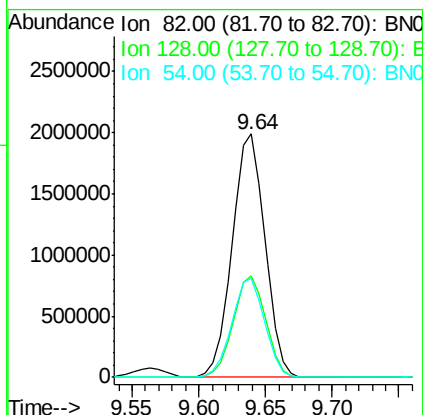
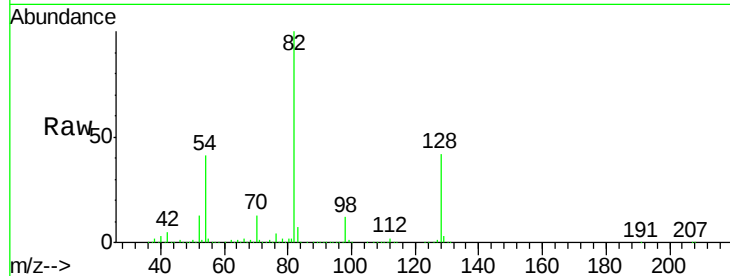




#23
Nitrobenzene-d5
Concen: 88.76 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

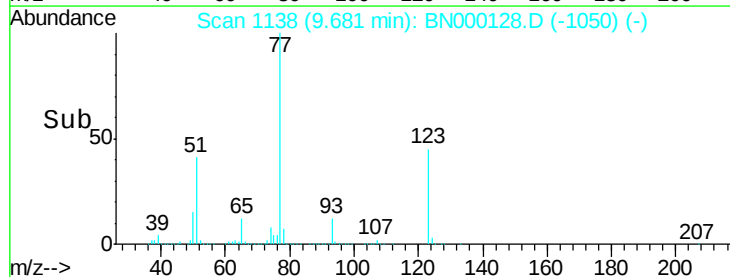
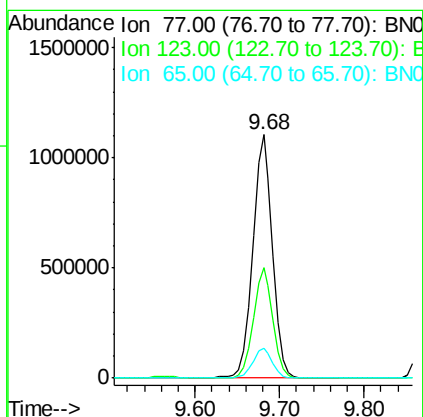
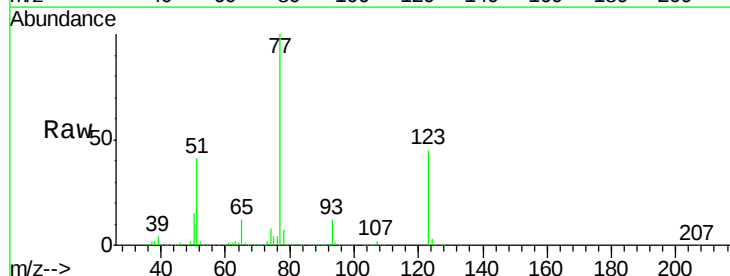
Instrument :
BNA_N
ClientSampleId :

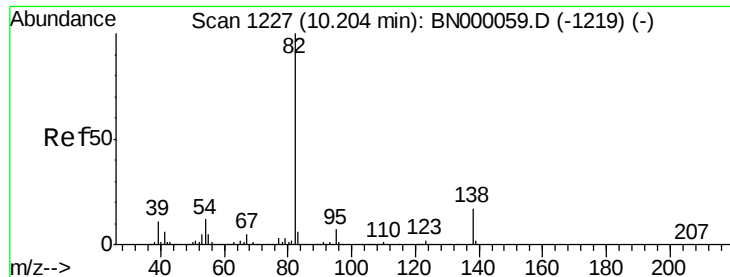
Tot Ion: 82 Resp: 3396325
Ion Ratio Lower Upper
82 100
128 41.9 29.7 44.5
54 40.8 43.1 64.7#



#24
Nitrobenzene
Concen: 42.81 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: 43.40 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

ClientSampled :

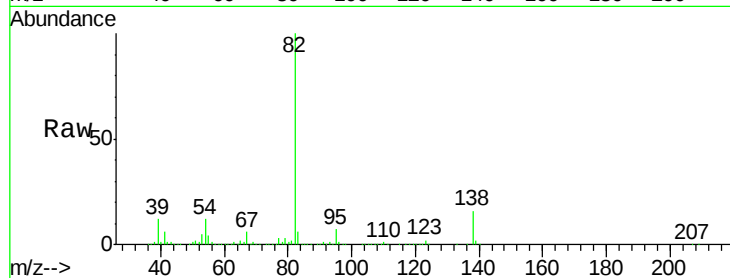
Tot Ion: 82 Resp: 3432856

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

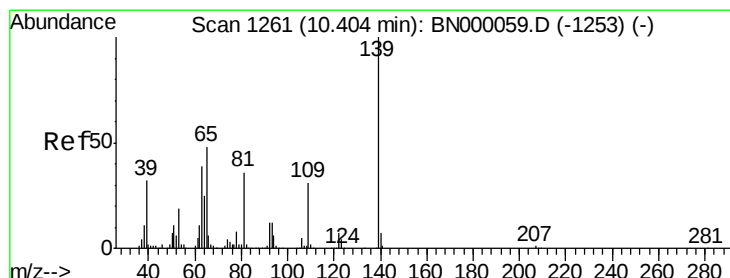
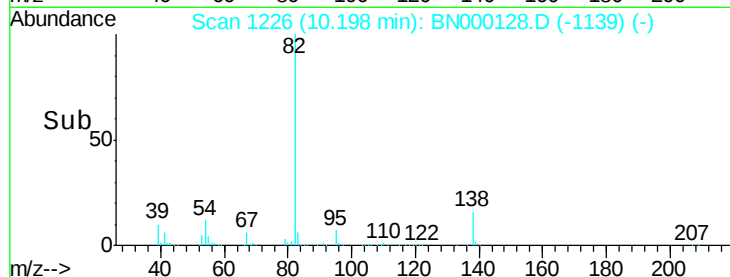
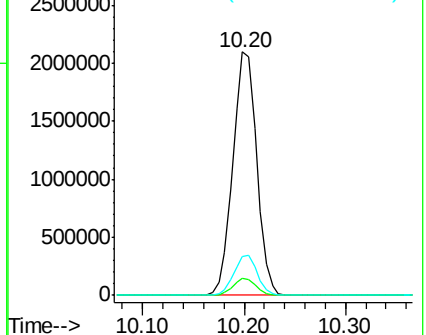
138 16.0 12.1 18.1



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: 43.31 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

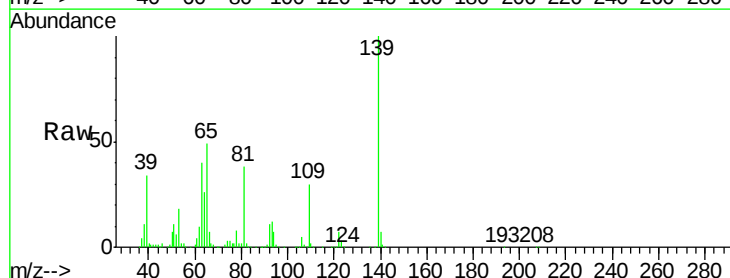
Tgt Ion: 139 Resp: 728129

Ion Ratio Lower Upper

139 100

109 30.1 24.2 36.2

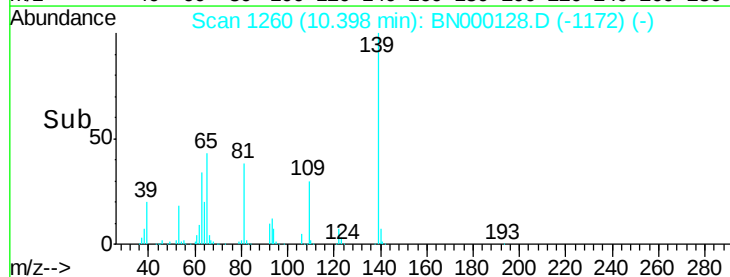
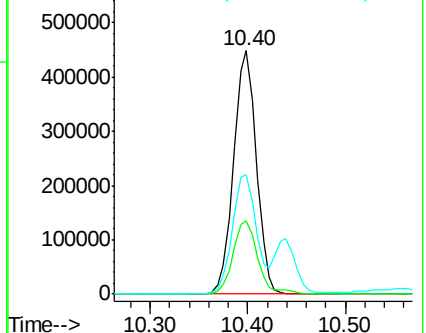
65 48.9 47.4 71.0

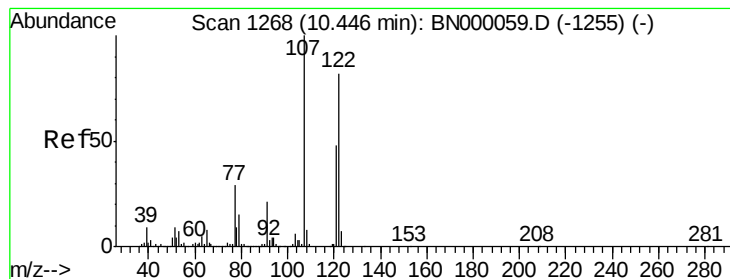


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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: 51.36 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 :

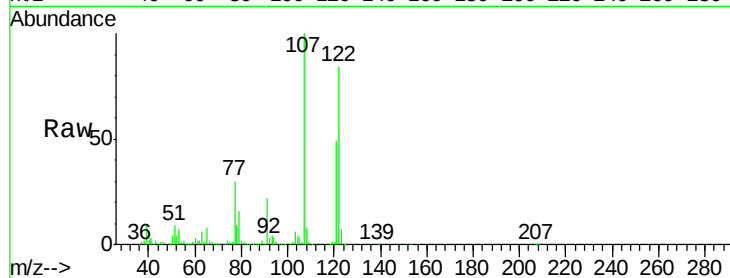
Tot Ion:122 Resp: 1761141

Ion Ratio Lower Upper

122 100

107 118.7 100.2 150.2

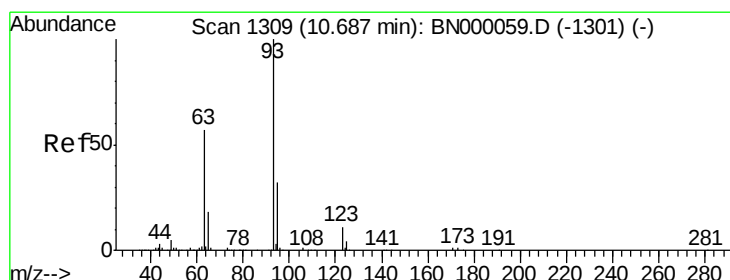
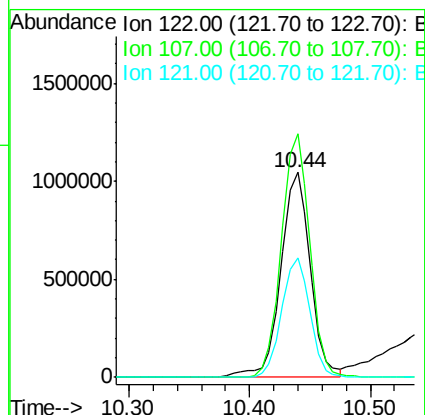
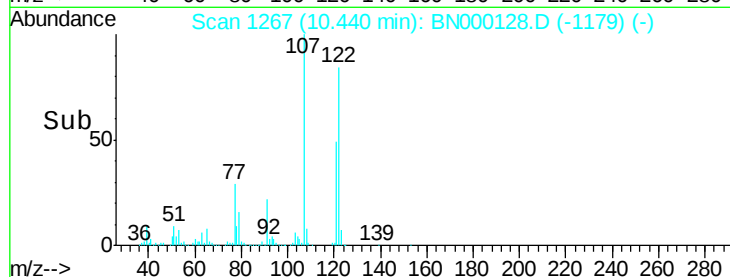
121 58.1 44.4 66.6



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: 44.48 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

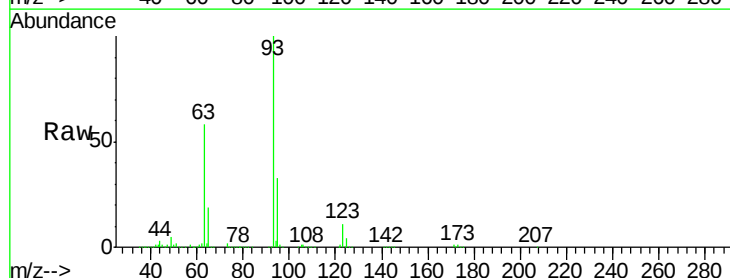
Tgt Ion: 93 Resp: 2256296

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

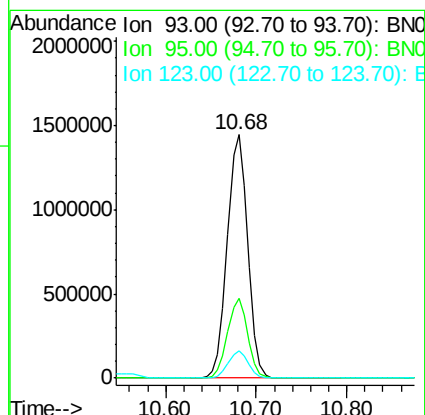
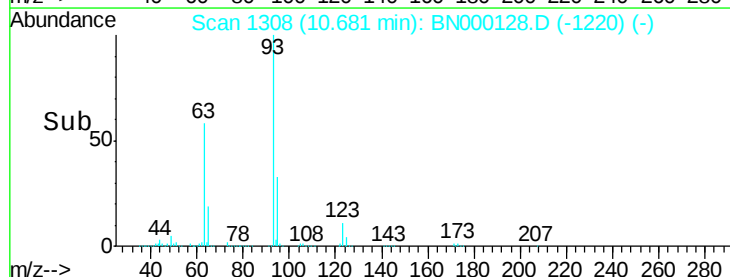
123 11.0 8.4 12.6

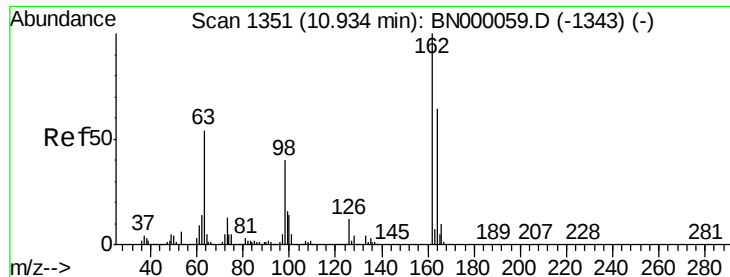


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

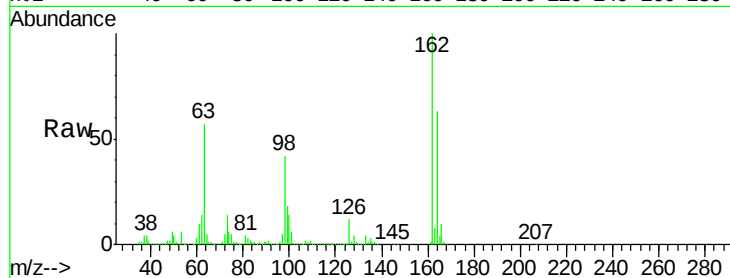




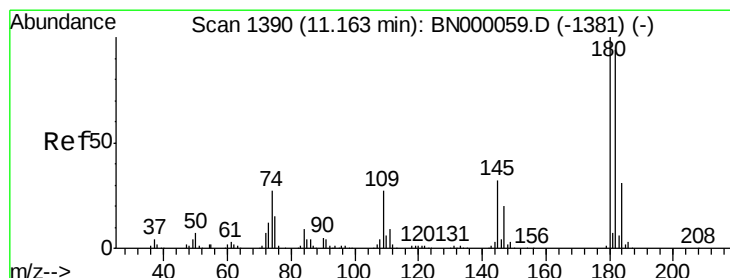
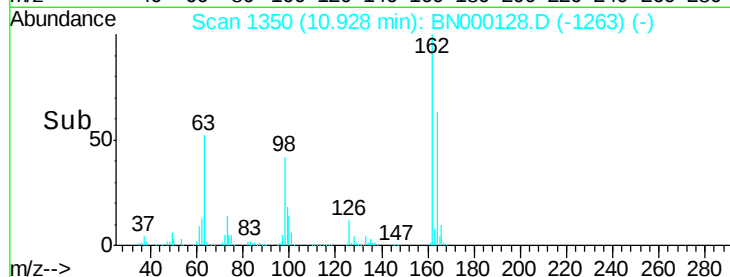
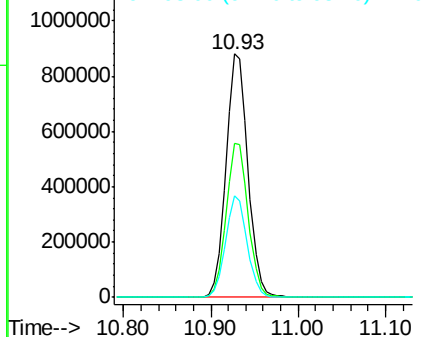
#29
 2,4-Dichlorophenol
 Concen: 47.64 ng
 RT: 10.93 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampled :

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

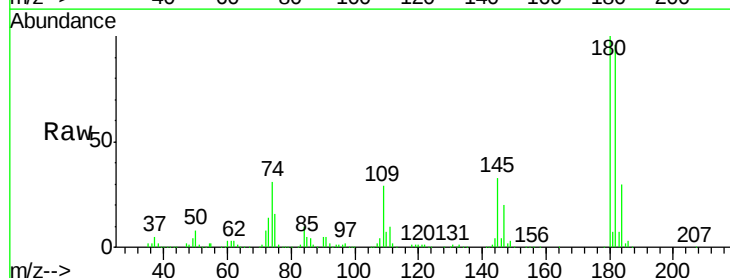


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

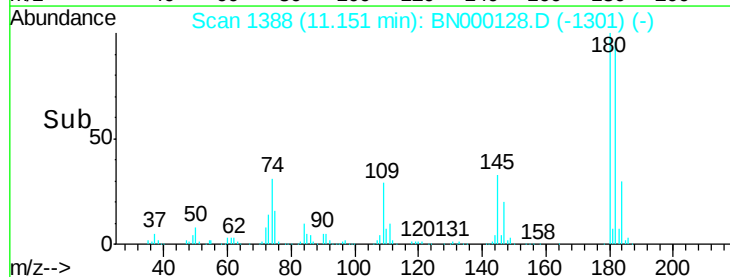
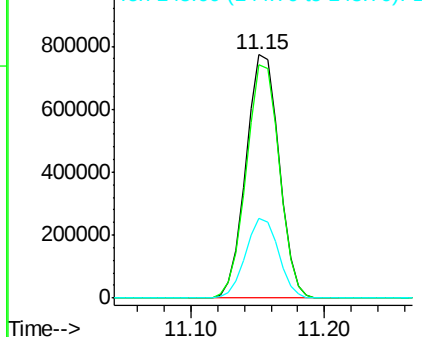


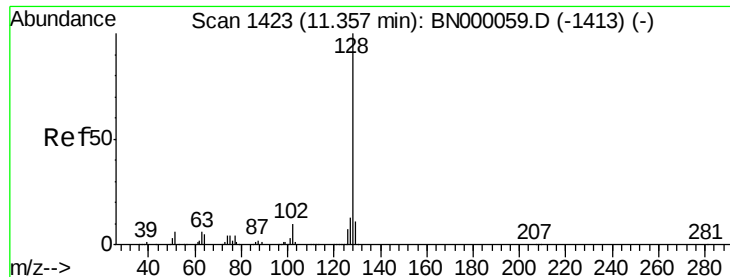
#30
 1,2,4-Trichlorobenzene
 Concen: 36.14 ng
 RT: 11.15 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

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



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

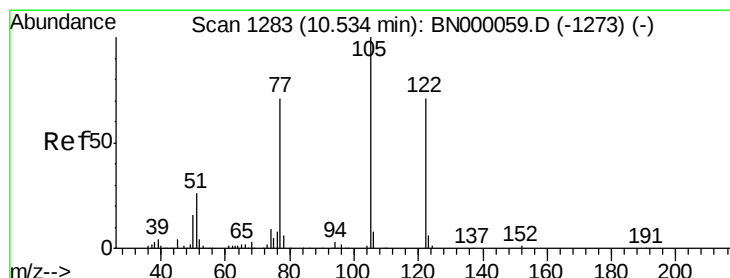
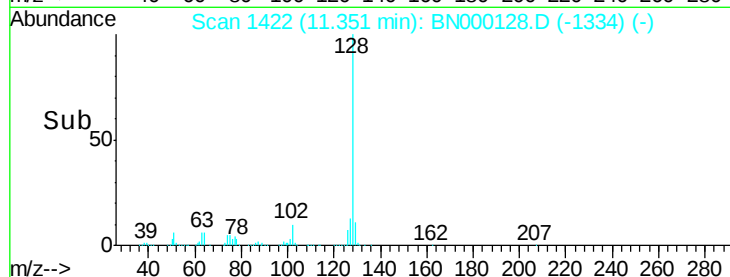
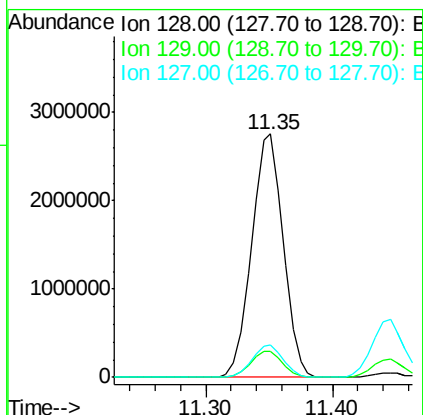
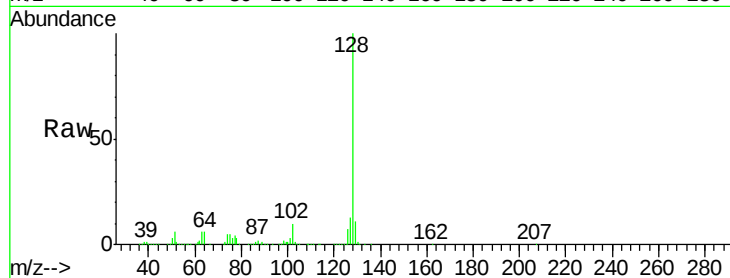




#31
Naphthalene
Concen: 38.32 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

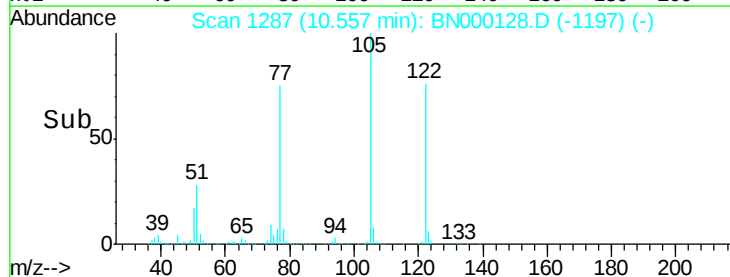
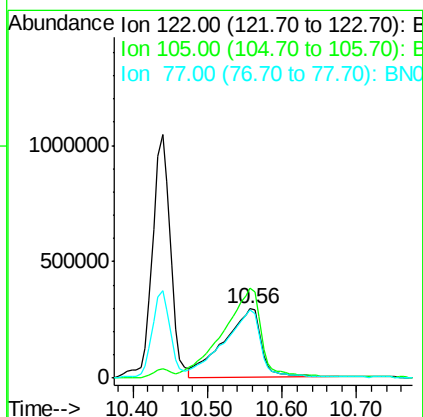
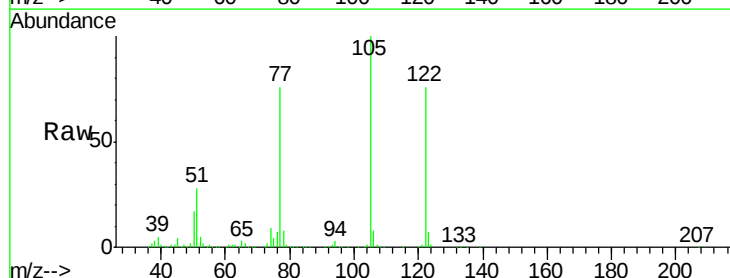
Instrument :
BNA_N
ClientSampleId :

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



#32
Benzoic acid
Concen: 42.19 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

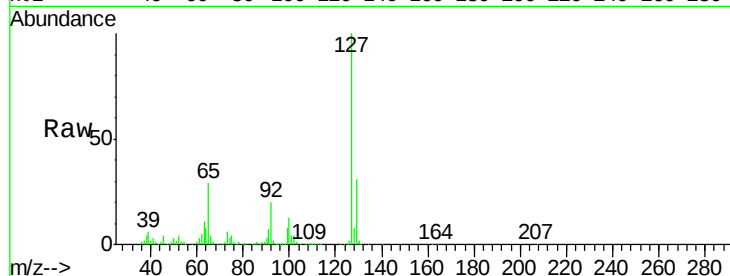




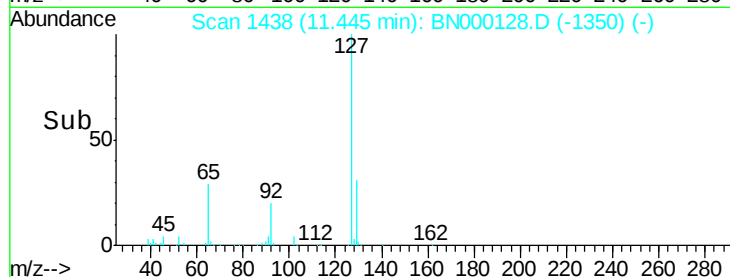
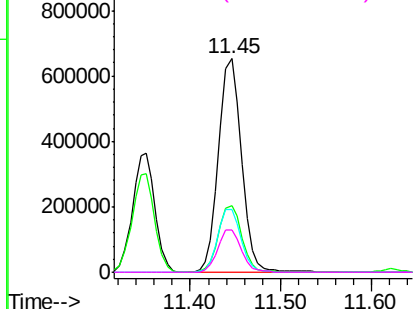
#33
4-Chloroaniline
Concen: 21.04 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampled :

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

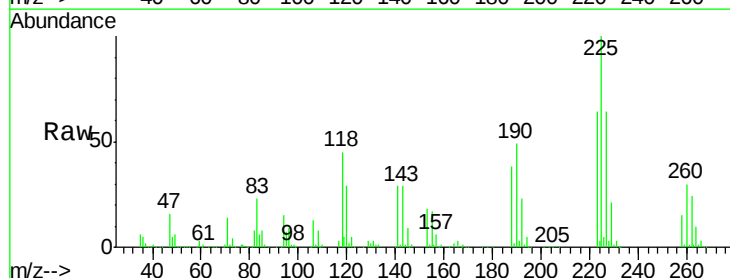


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

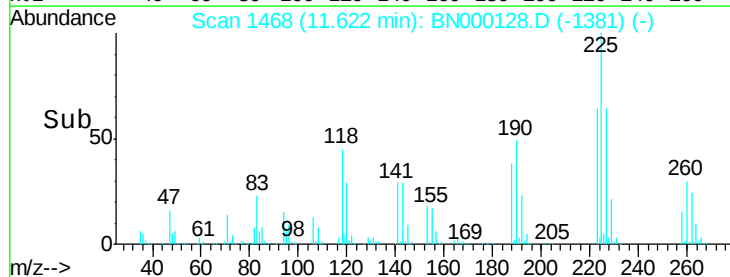
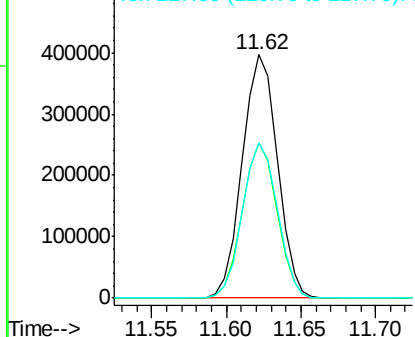


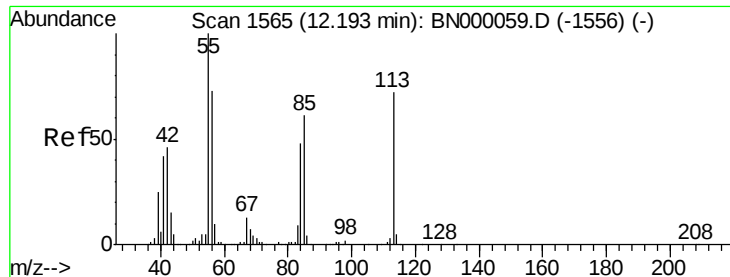
#34
Hexachlorobutadiene
Concen: 34.19 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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: 44.70 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 :

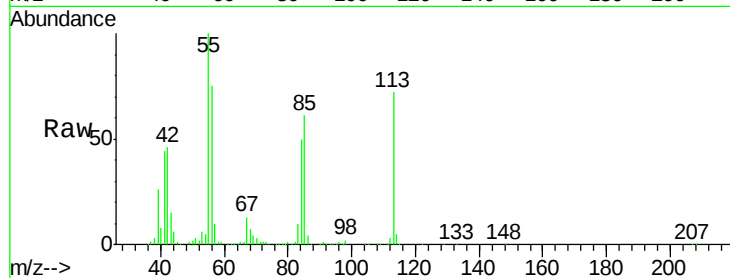
Tot Ion:113 Resp: 615834

Ion Ratio Lower Upper

113 100

55 139.6 120.0 160.0

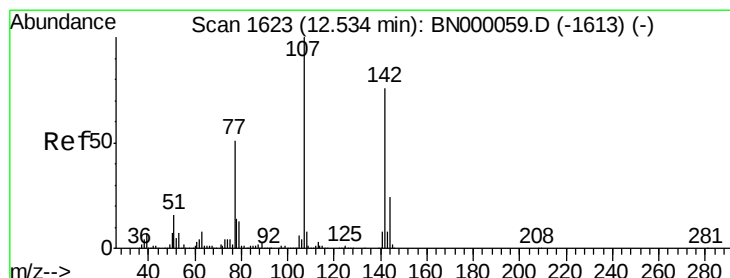
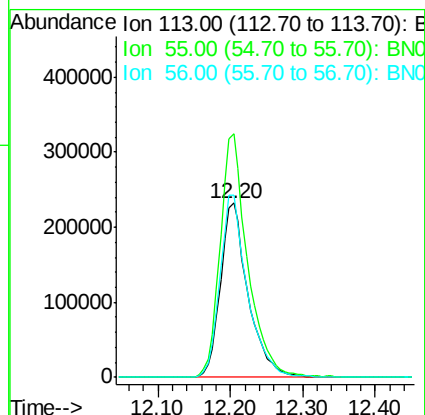
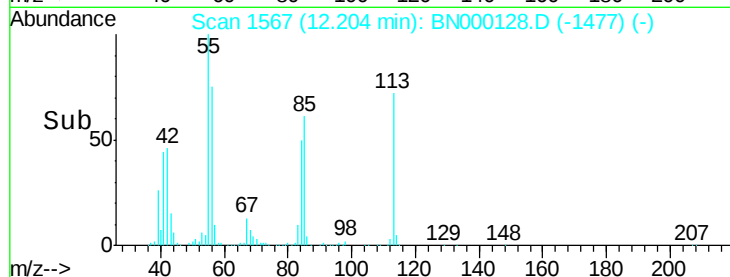
56 104.3 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#36

4-Chloro-3-methylphenol

Concen: 47.74 ng

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

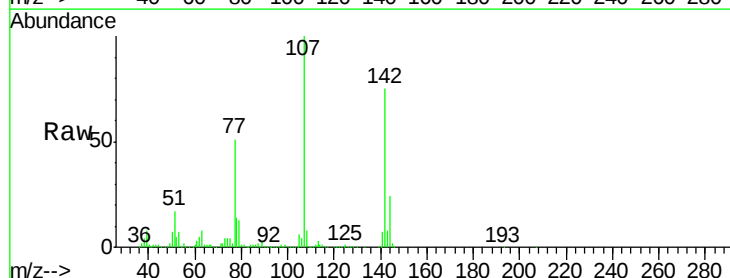
Tgt Ion:107 Resp: 1923504

Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.4

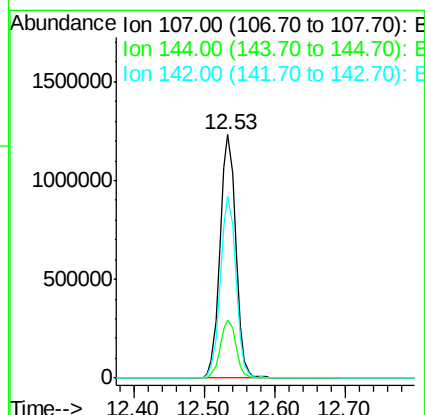
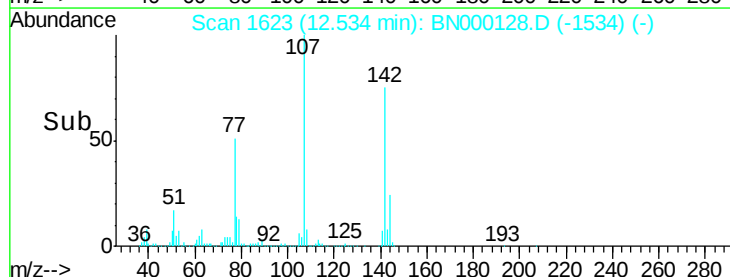
142 75.0 59.0 88.4

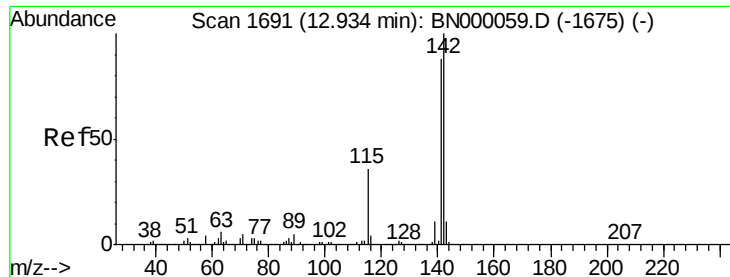


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

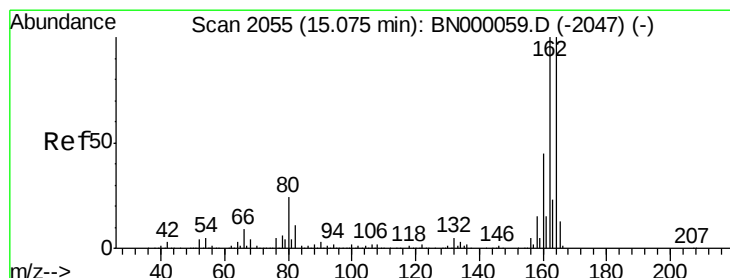
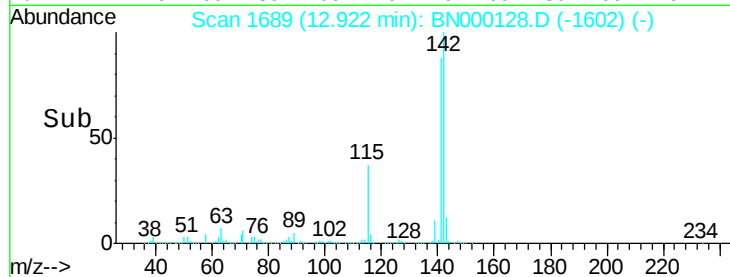
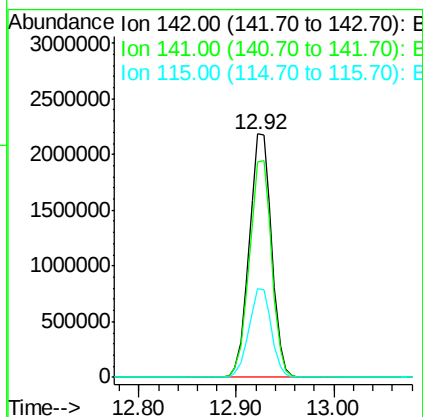
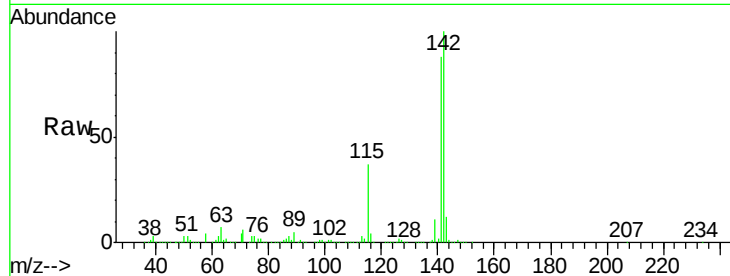




#37
 2-Methylnaphthalene
 Concen: 40.53 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

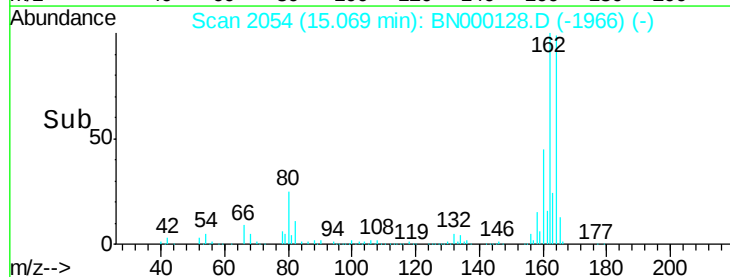
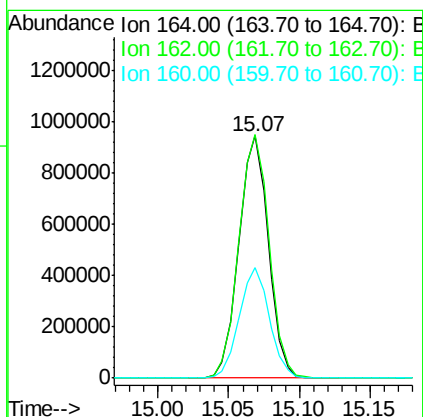
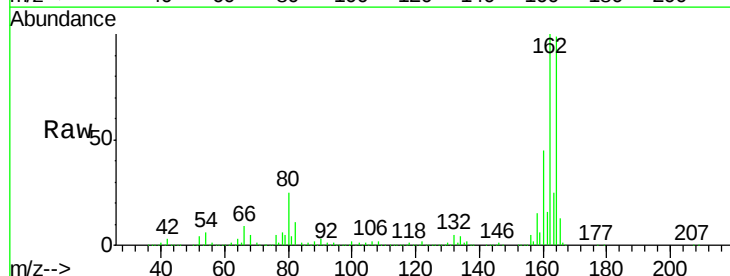
Instrument :
 BNA_N
 ClientSampled :

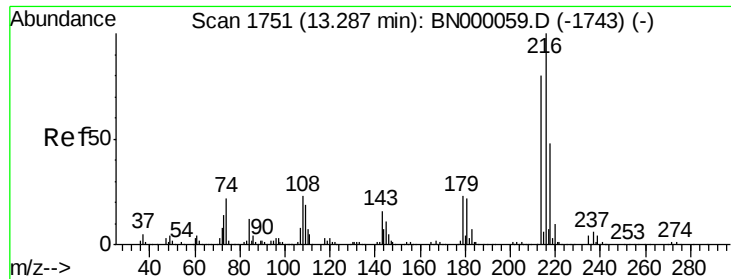
Tot Ion:142 Resp: 3517455
 Ion Ratio Lower Upper
 142 100
 141 88.2 67.1 100.7
 115 36.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 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: 35.90 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

ClientSampled :

Tot Ion:216 Resp: 1459340

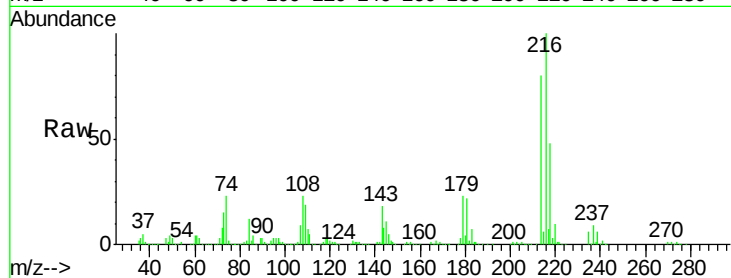
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.4 17.0 25.6

108 27.6 12.8 19.2#

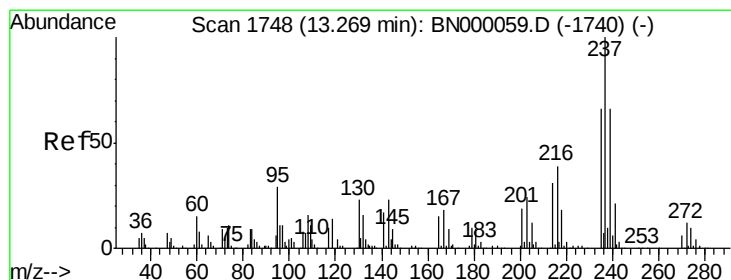
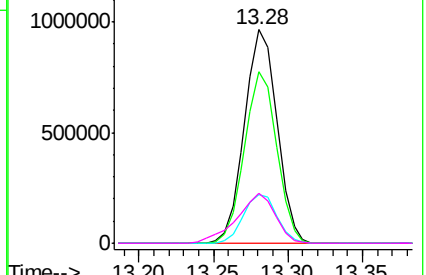
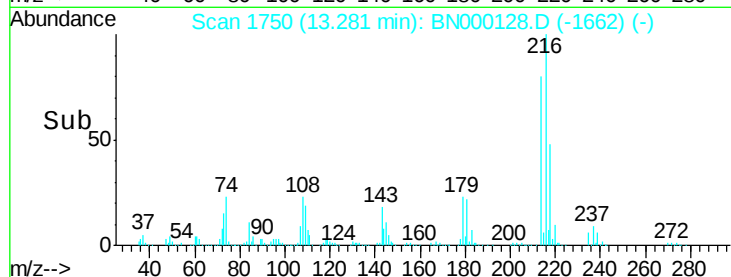


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 85.12 ng

RT: 13.26 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

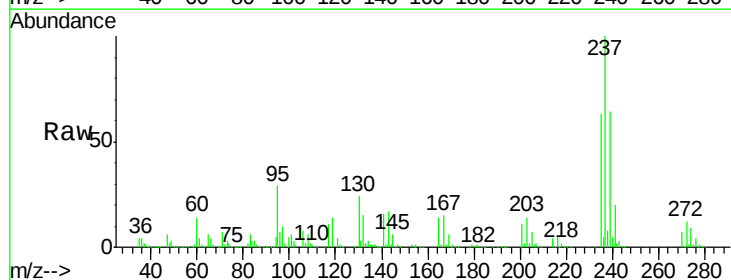
Tgt Ion:237 Resp: 1442354

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

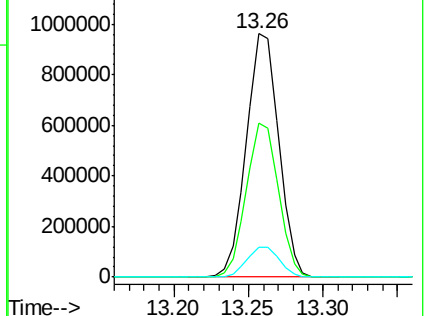
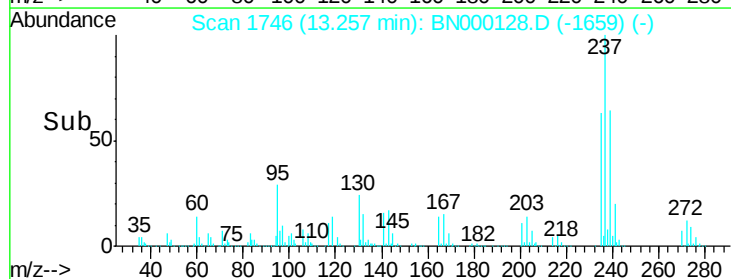
272 12.1 0.0 31.8

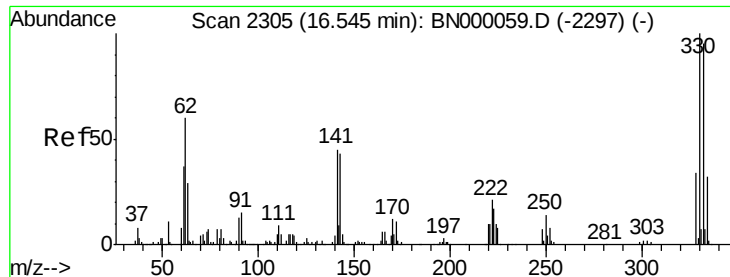


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

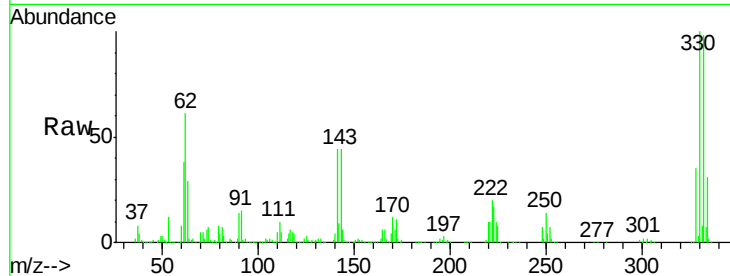




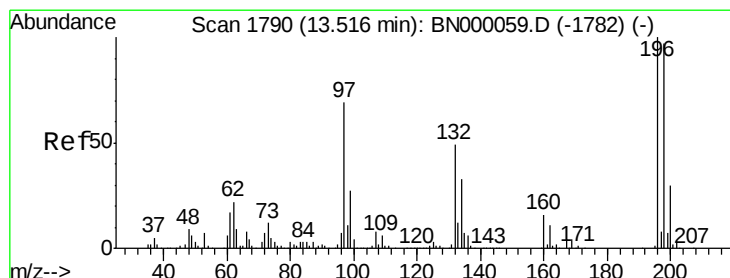
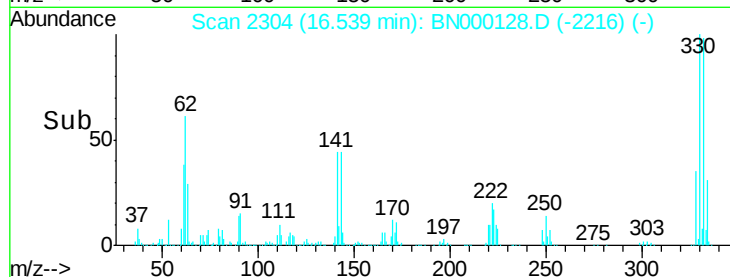
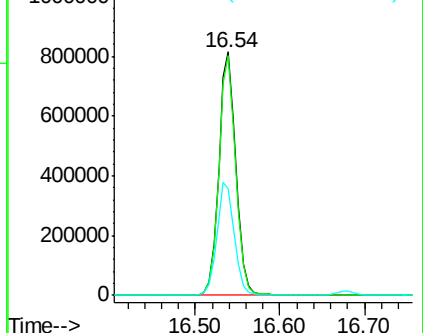
#41
 2,4,6-Tribromophenol
 Concen: 84.48 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :

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#

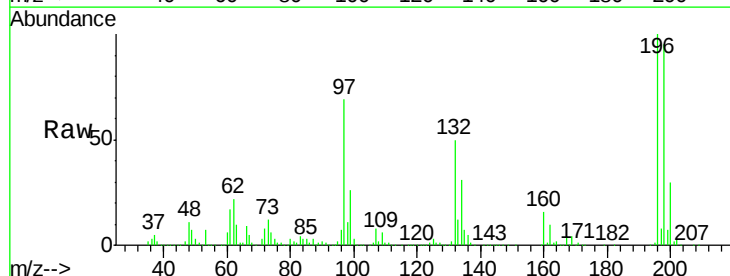


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

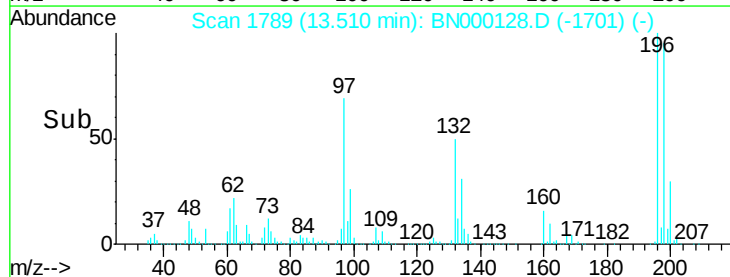
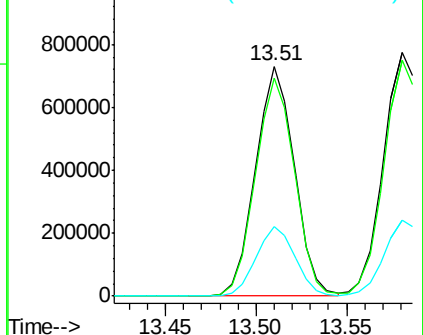


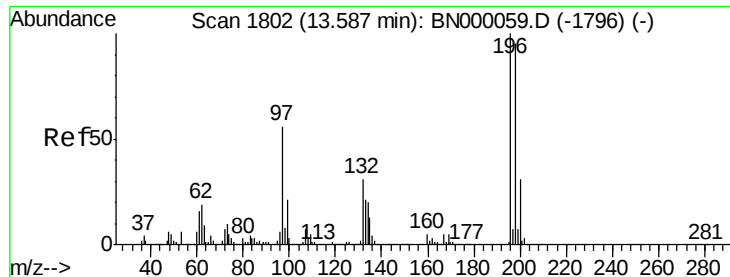
#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

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

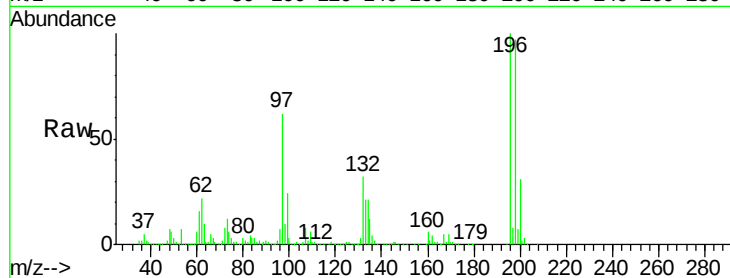




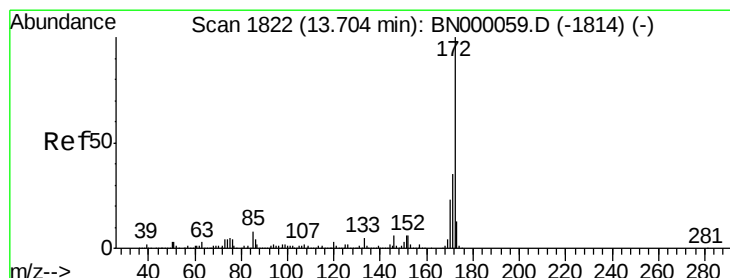
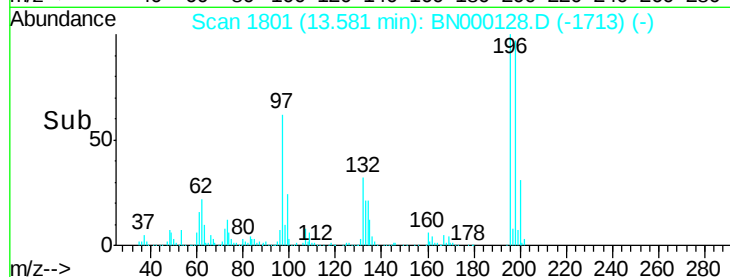
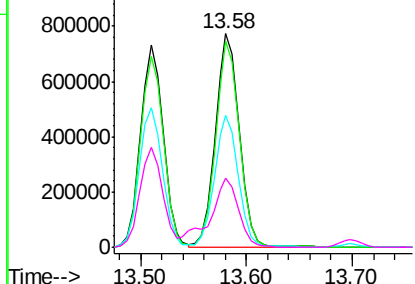
#43
2,4,5-Trichlorophenol
Concen: 41.78 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampled :

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#

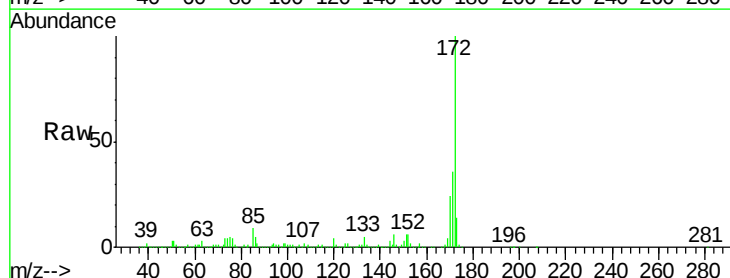


Abundance Ion 196.00 (195.70 to 196.70): E
1200000
Ion 198.00 (197.70 to 198.70): E
1000000
Ion 97.00 (96.70 to 97.70): BNC
800000
Ion 132.00 (131.70 to 132.70): E
600000
400000
200000
0

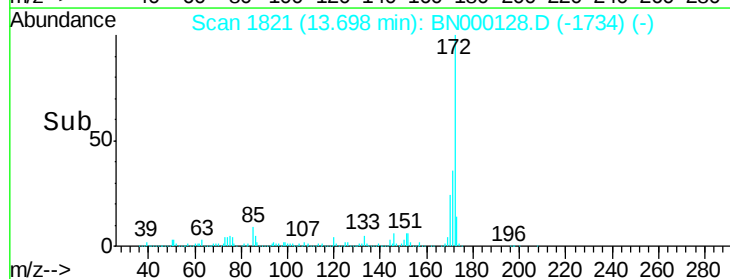
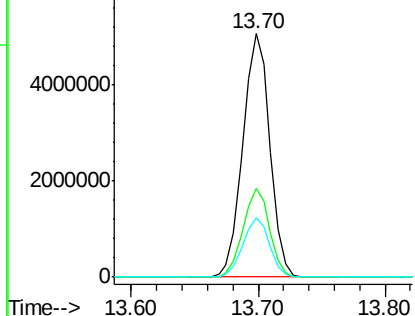


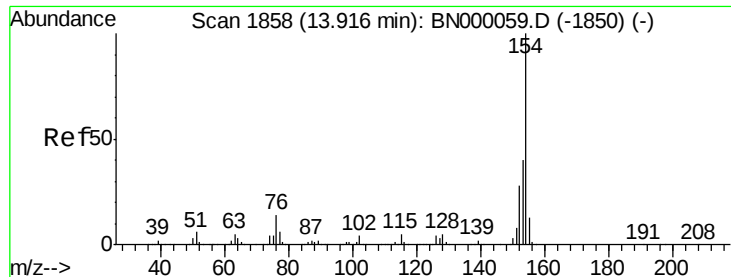
#44
2-Fluorobiphenyl
Concen: 76.40 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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



Abundance Ion 172.00 (171.70 to 172.70): E
6000000
Ion 171.00 (170.70 to 171.70): E
4000000
Ion 170.00 (169.70 to 170.70): E
2000000
0





#45

1,1'-Biphenyl

Concen: 37.37 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 :

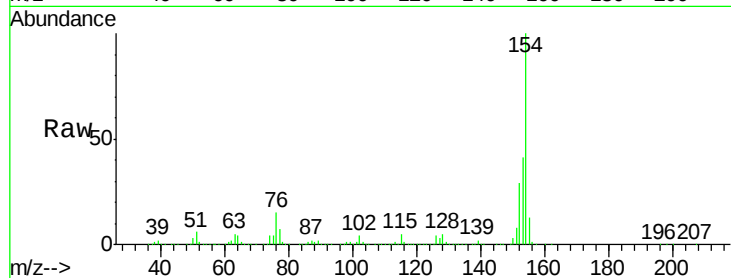
Tot Ion:154 Resp: 4532833

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

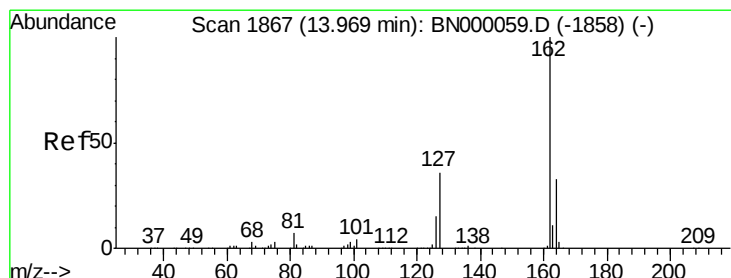
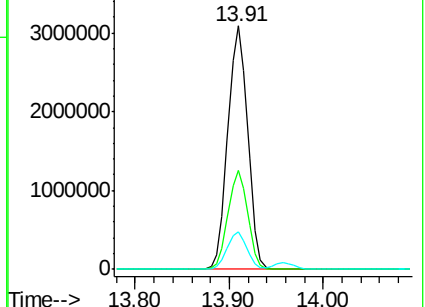
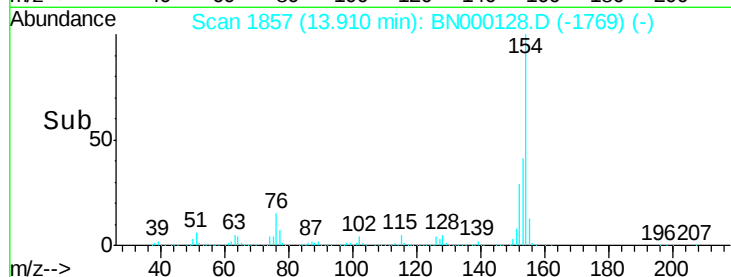
76 15.4 0.0 31.9



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: 37.55 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

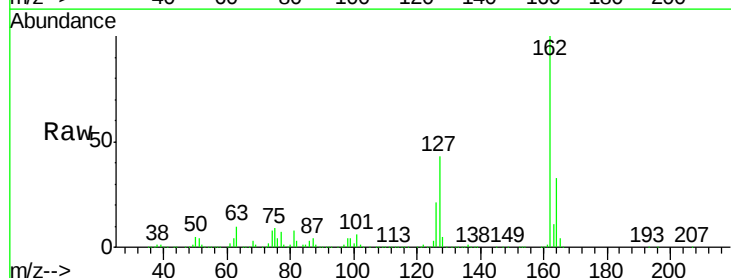
Tgt Ion:162 Resp: 3417418

Ion Ratio Lower Upper

162 100

127 43.0 30.7 46.1

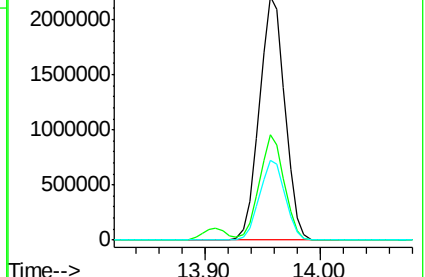
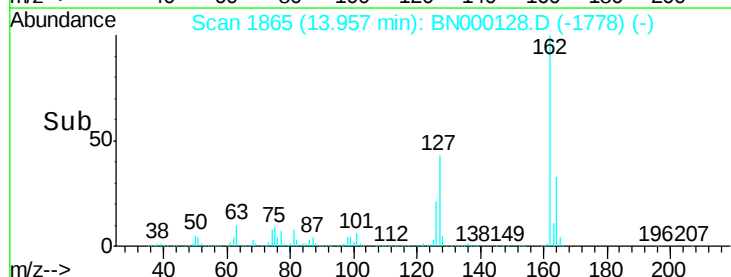
164 32.9 26.0 39.0

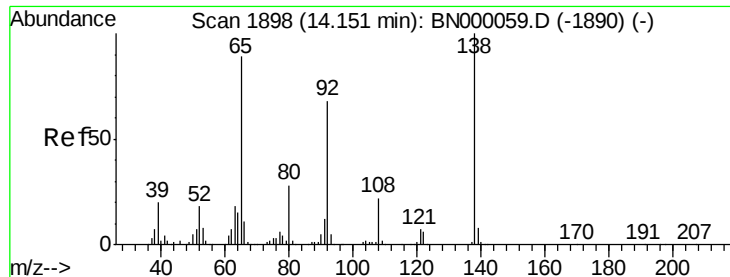


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

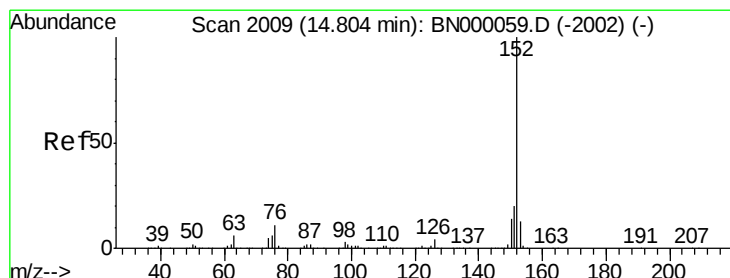
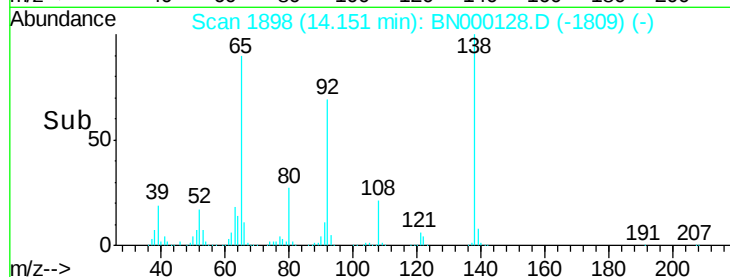
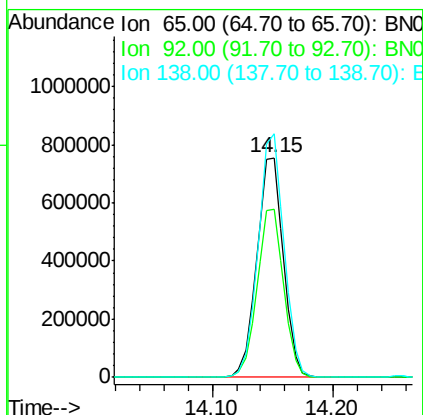
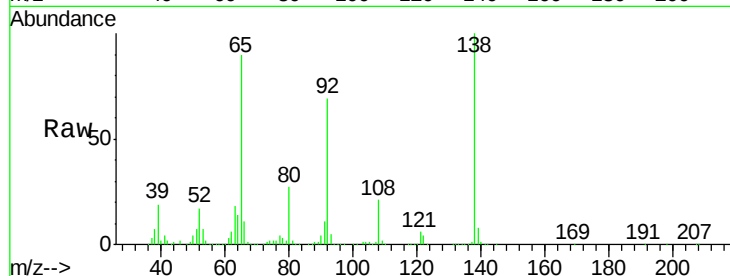




#47
2-Nitroaniline
Concen: 43.65 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

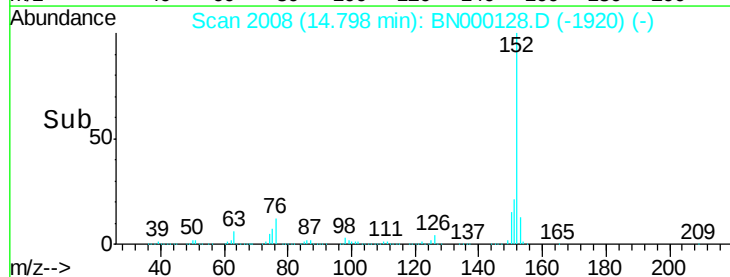
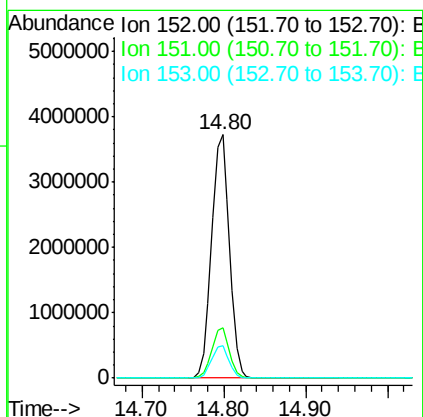
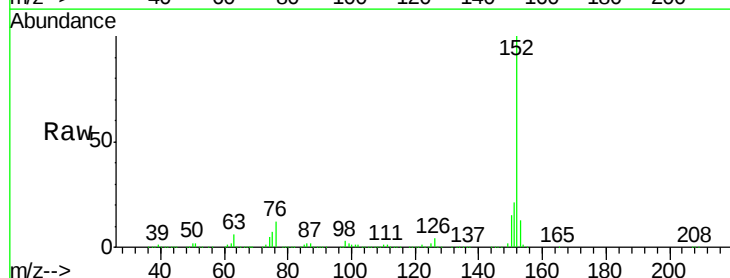
Instrument :
BNA_N
ClientSampled :

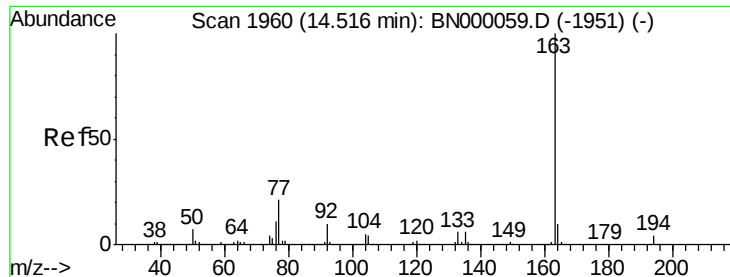
Tot Ion: 65 Resp: 1151938
Ion Ratio Lower Upper
65 100
92 76.6 54.6 82.0
138 110.9 72.9 109.3#



#48
Acenaphthylene
Concen: 38.59 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





#49

Dimethylphthalate

Concen: 38.75 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 :

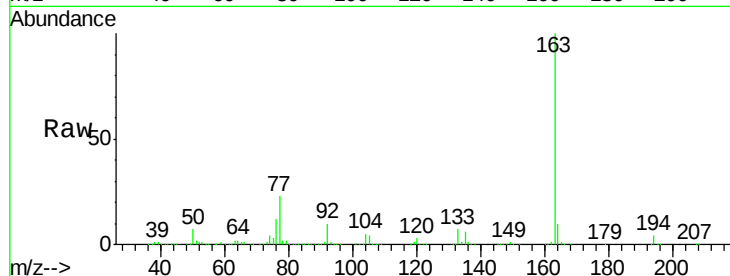
Tot Ion:163 Resp: 4460630

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

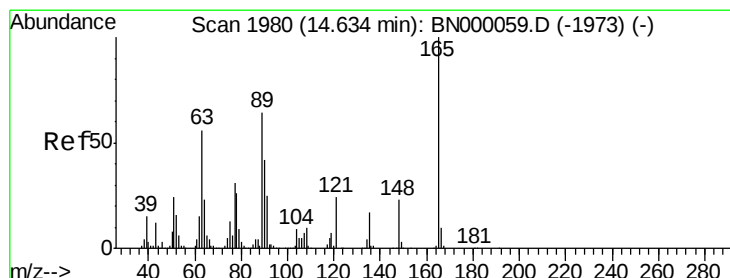
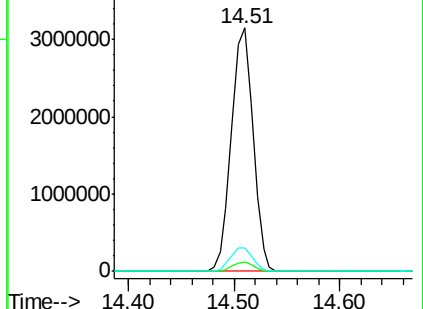
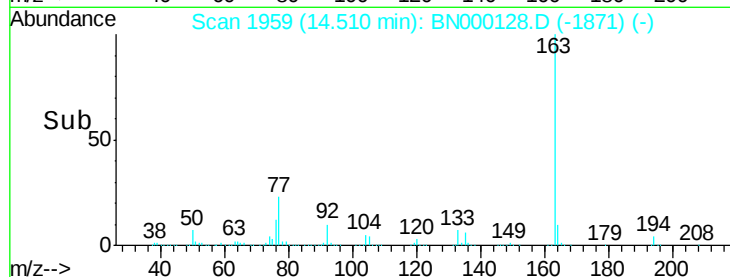
164 9.9 8.2 12.4



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: 41.23 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

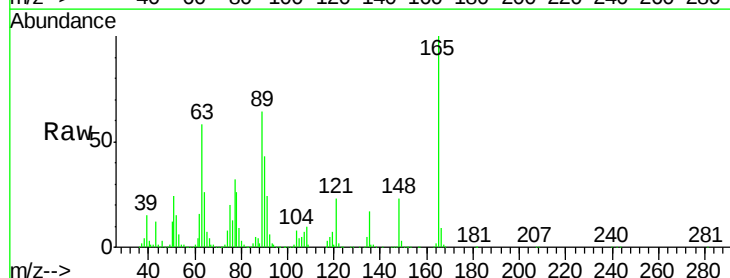
Tgt Ion:165 Resp: 979859

Ion Ratio Lower Upper

165 100

63 57.7 52.7 79.1

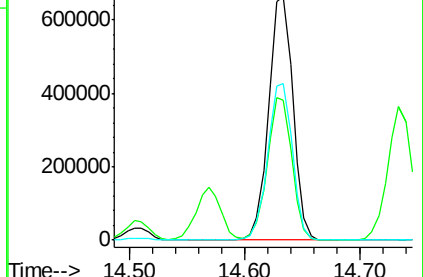
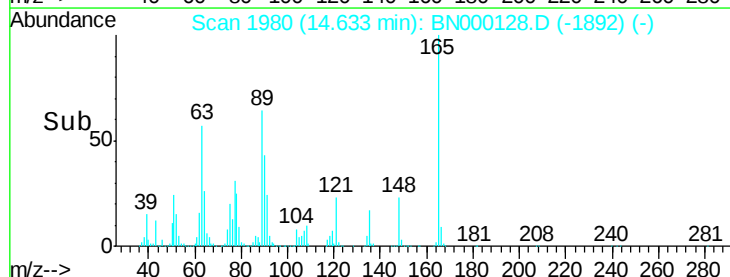
89 64.1 49.2 73.8

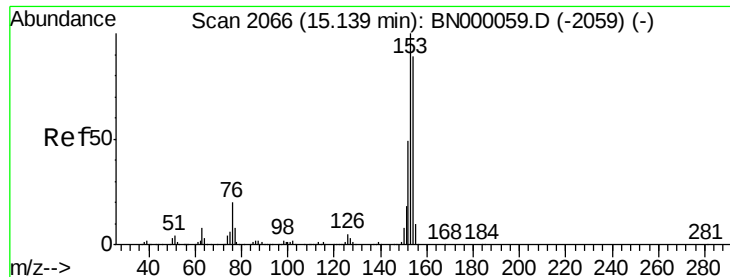


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 41.29 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 :

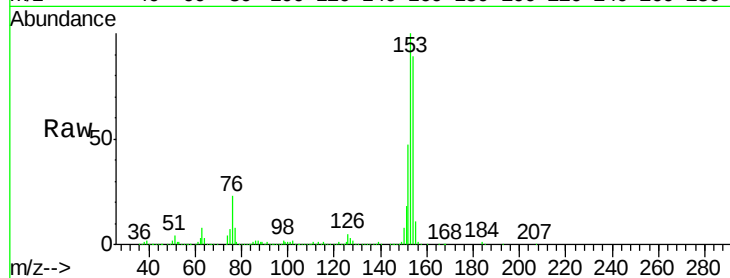
Tot Ion:154 Resp: 3941123

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

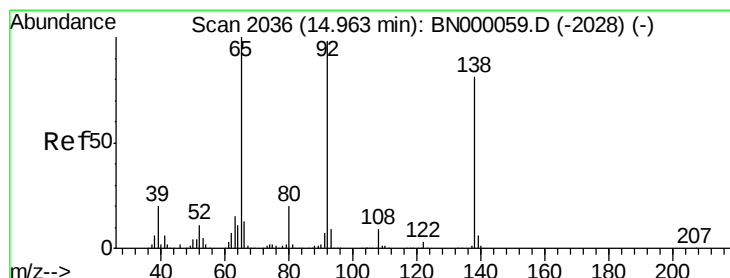
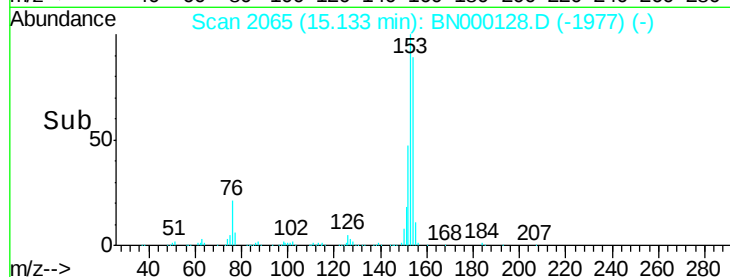
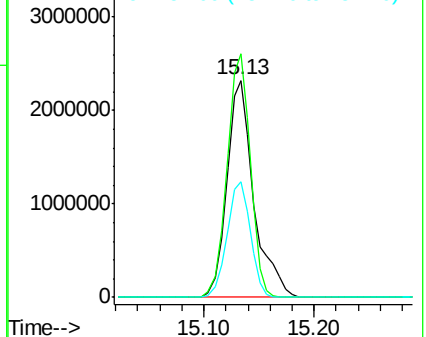
152 53.2 41.6 62.4



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: 25.67 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

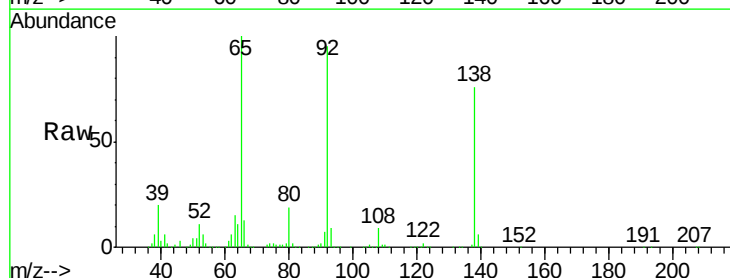
Tgt Ion:138 Resp: 741523

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

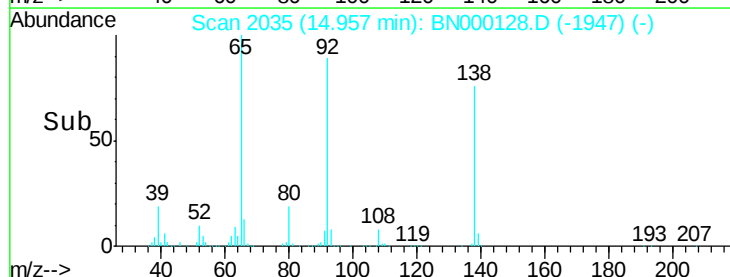
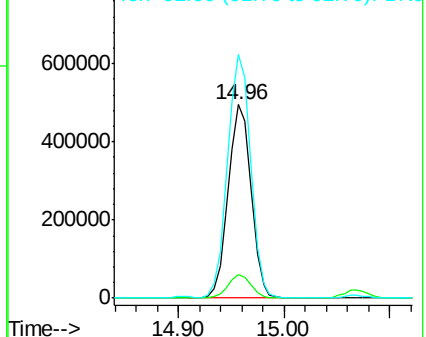
92 125.8 105.8 158.8

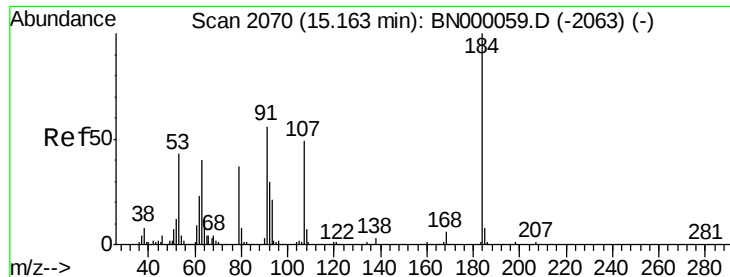


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

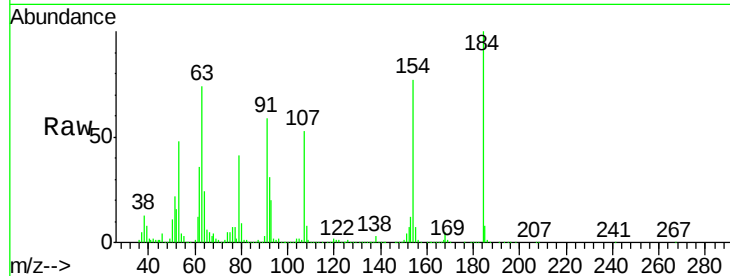




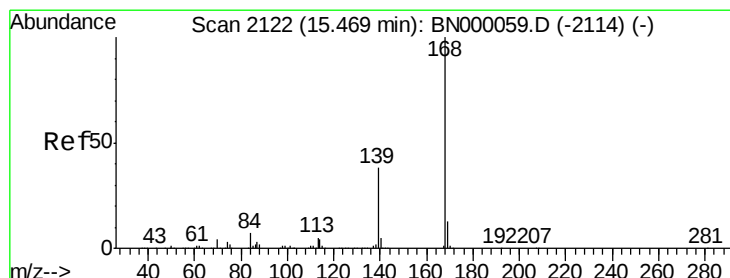
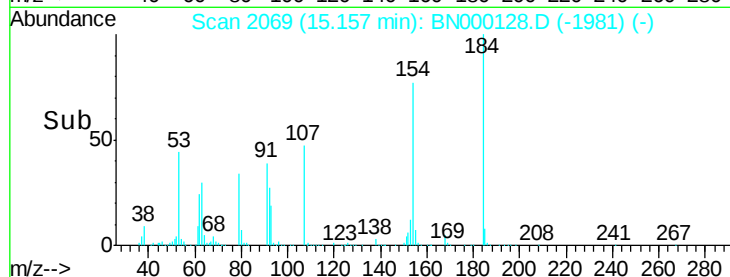
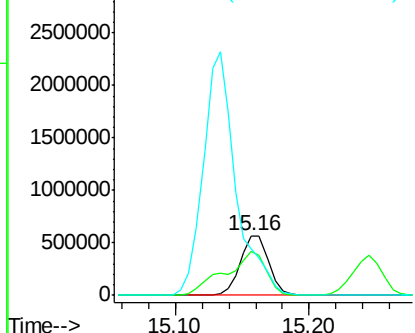
#53
2,4-Dinitrophenol
Concen: 96.88 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :

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#

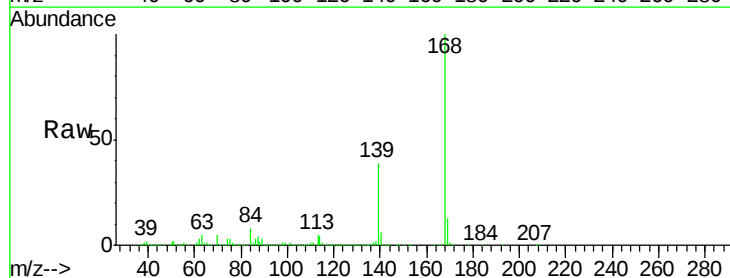


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

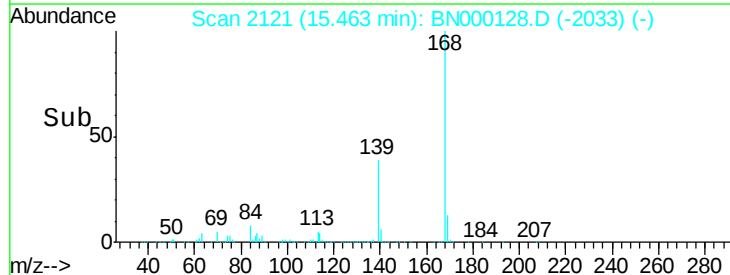
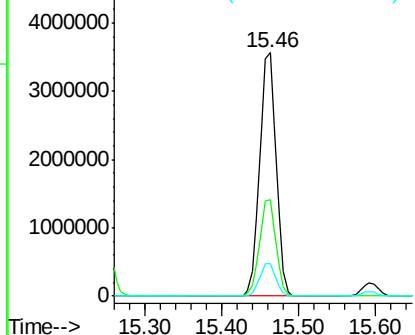


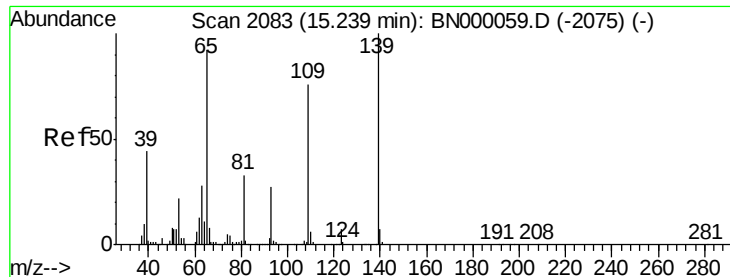
#54
Dibenzofuran
Concen: 39.58 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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

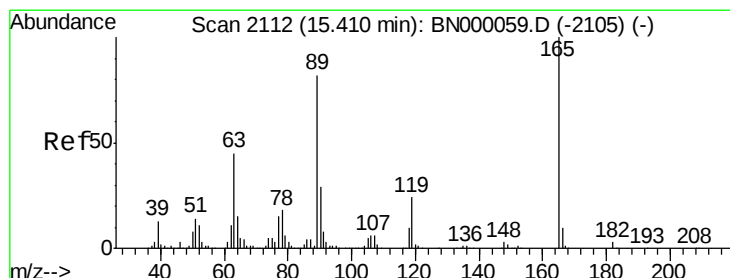
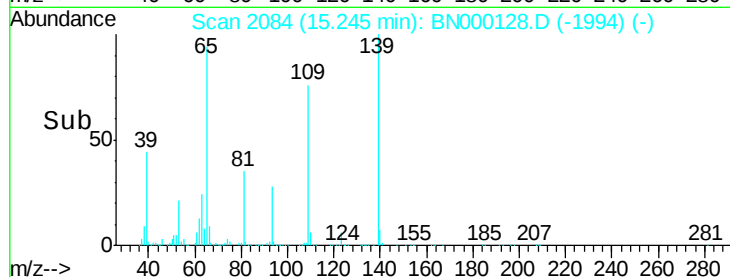
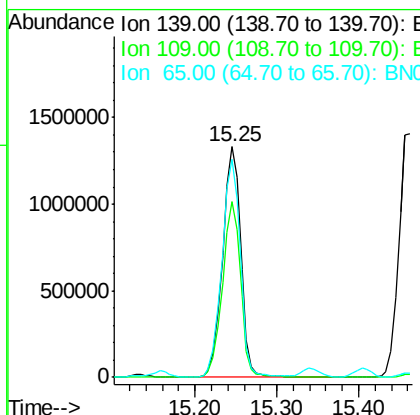
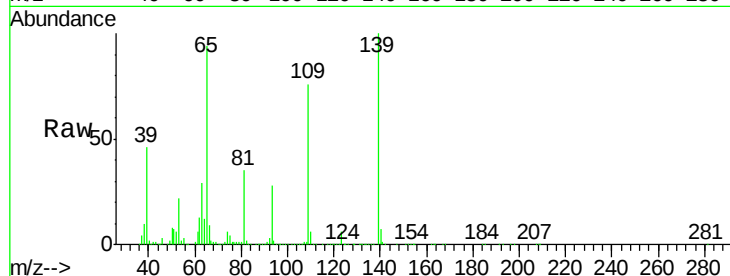




#55
4-Nitrophenol
Concen: 87.16 ng
RT: 15.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

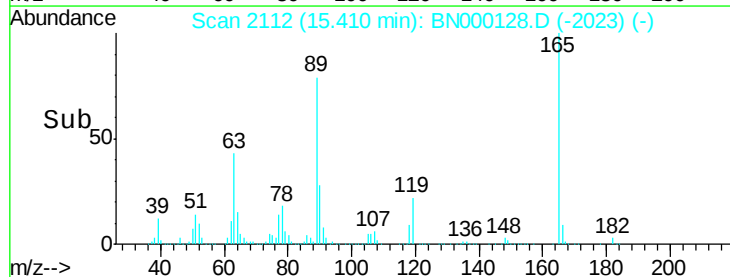
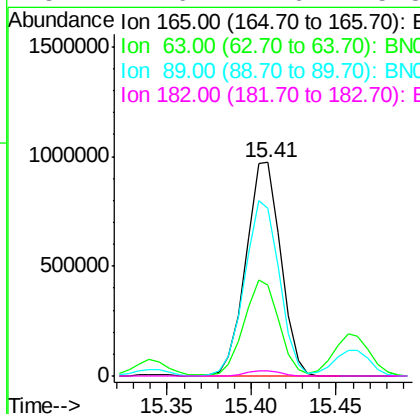
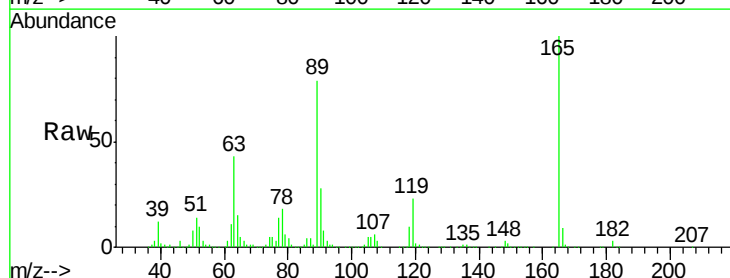
Instrument :
BNA_N
ClientSampleId :

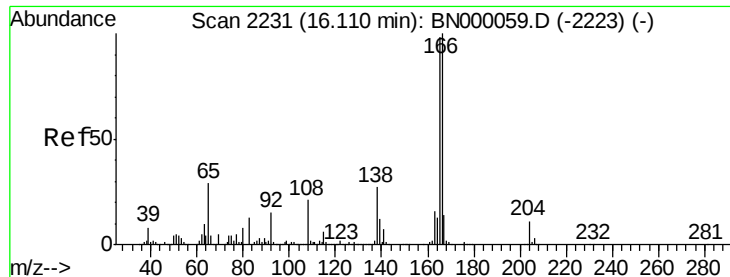
Tot Ion:139 Resp: 2074805
Ion Ratio Lower Upper
139 100
109 76.2 62.2 102.2
65 94.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.69 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





#57

Fluorene

Concen: 39.17 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 :

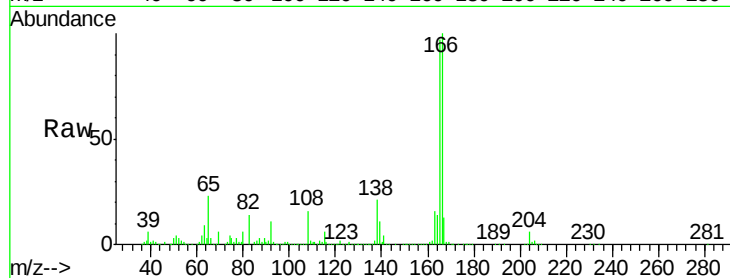
Tot Ion:166 Resp: 4323182

Ion Ratio Lower Upper

166 100

165 96.5 80.6 121.0

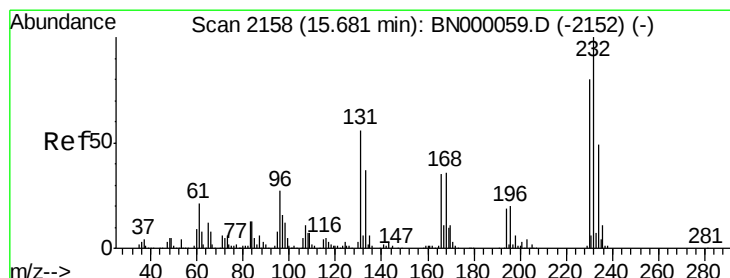
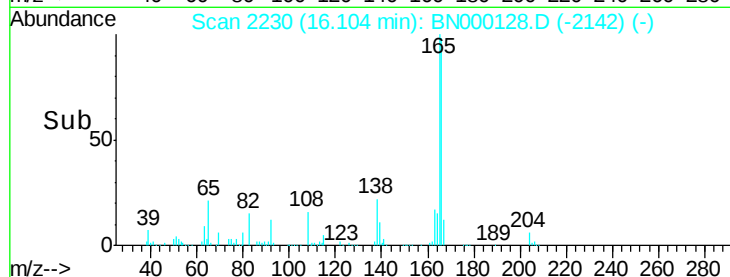
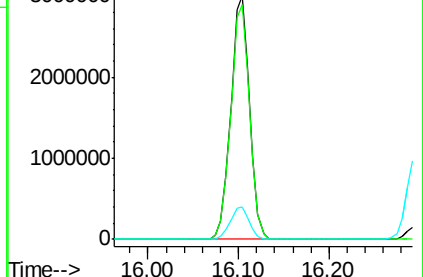
167 13.3 10.4 15.6



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: 45.55 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

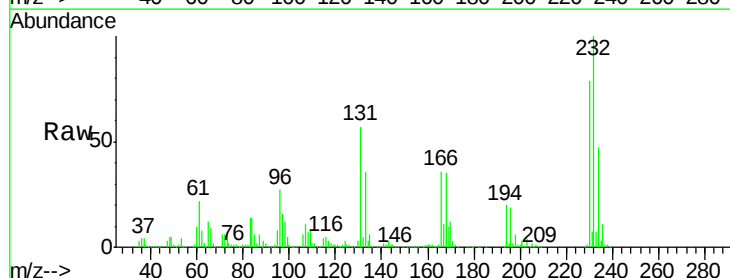
Ion Ratio Lower Upper

232 100

131 57.5 33.5 50.3#

130 3.1 2.2 3.2

166 36.2 24.8 37.2

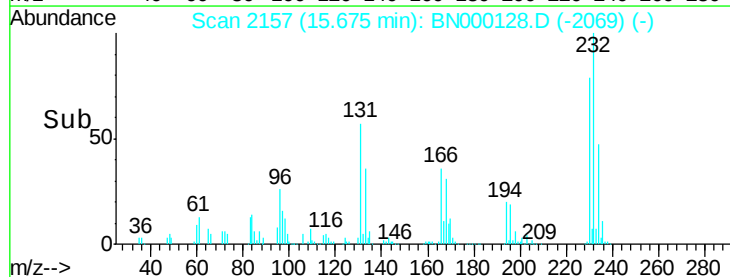
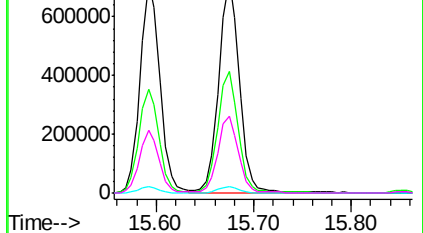


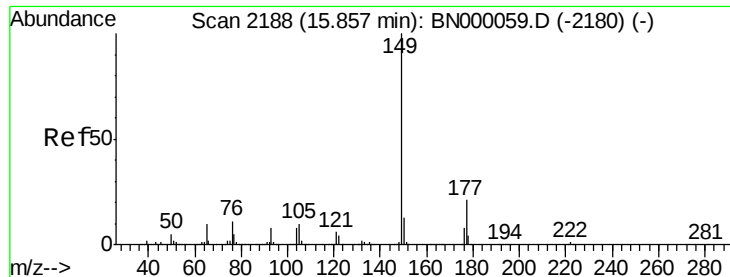
Abundance Ion 232.00 (231.70 to 232.70): E

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

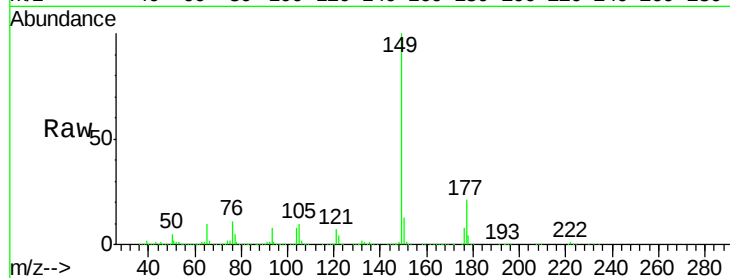




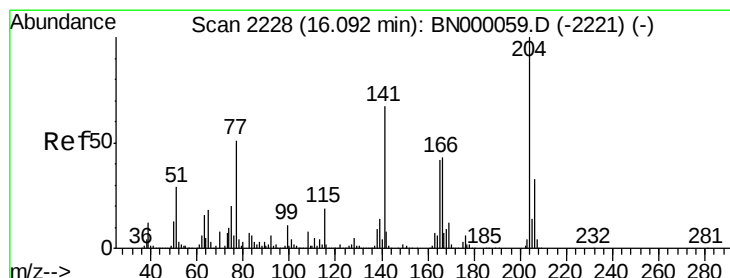
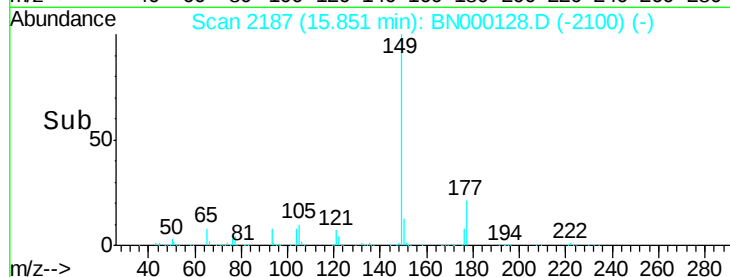
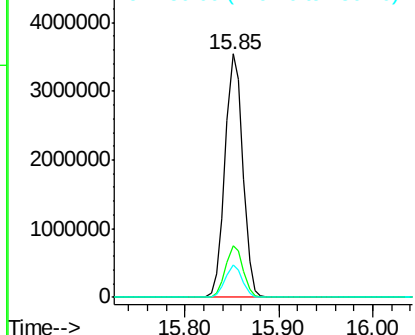
#59
Diethylphthalate
Concen: 39.99 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :

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

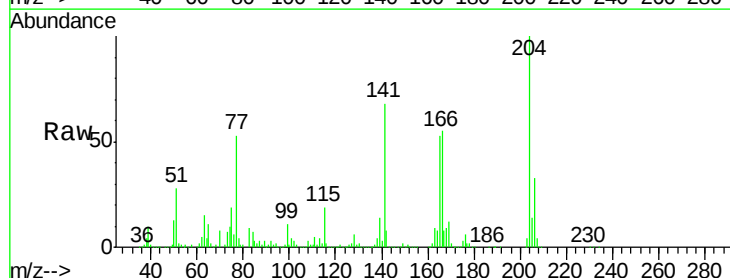


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

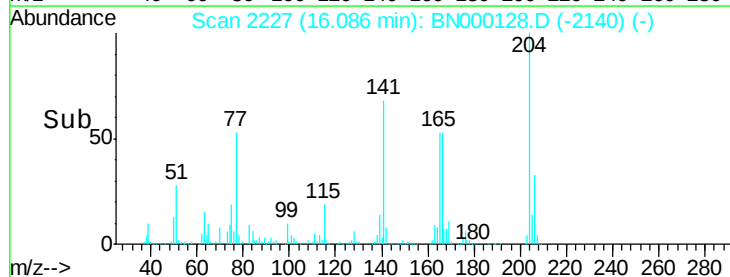
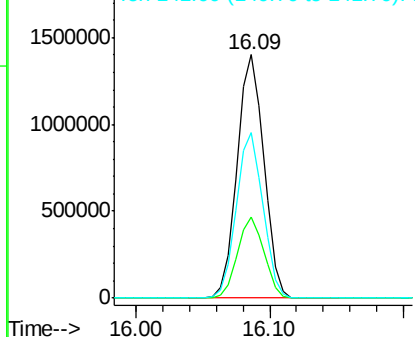


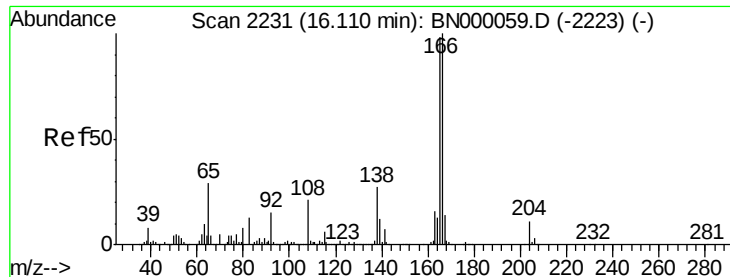
#60
4-Chlorophenyl-phenylether
Concen: 38.72 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

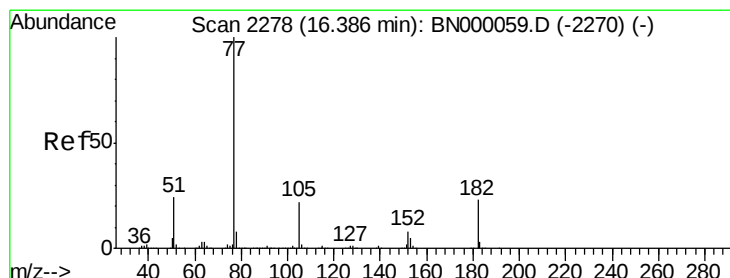
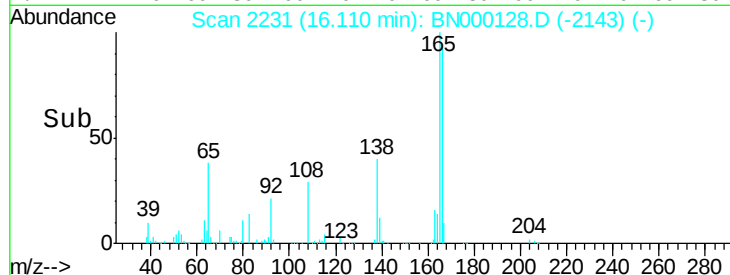
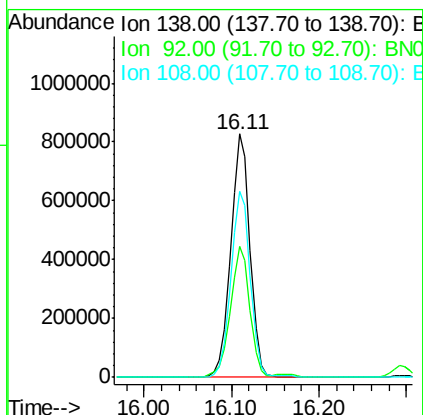
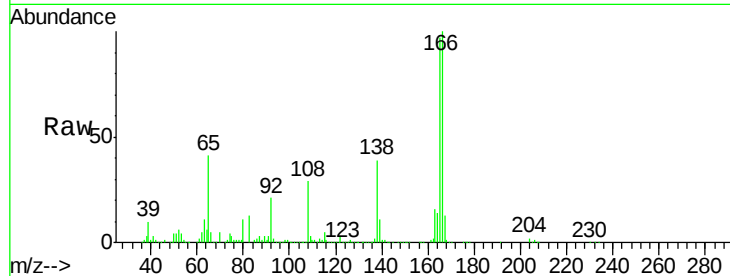




#61
4-Nitroaniline
Concen: 41.56 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

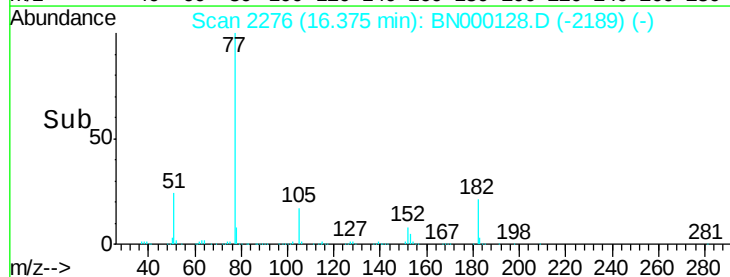
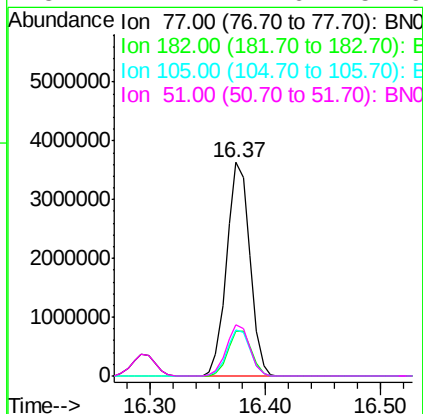
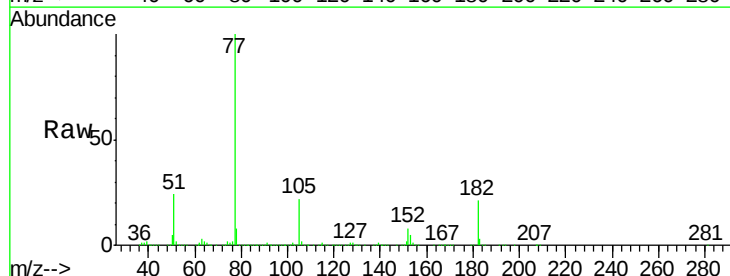
Instrument :
BNA_N
ClientSampleId :

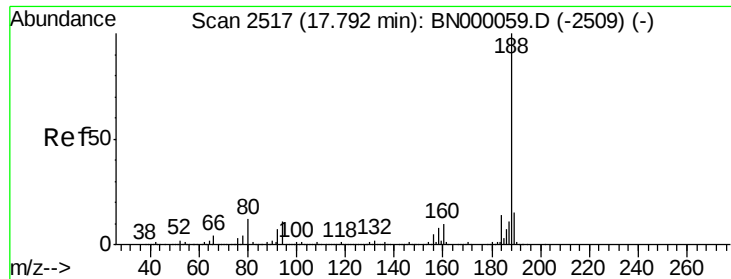
Tot Ion:138 Resp: 1233605
Ion Ratio Lower Upper
138 100
92 53.9 40.1 80.1
108 76.5 65.4 105.4



#62
Azobenzene
Concen: 43.21 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

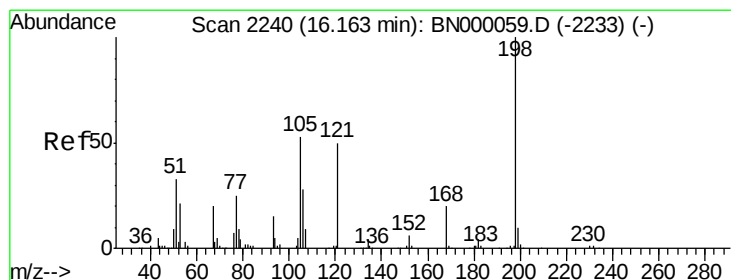
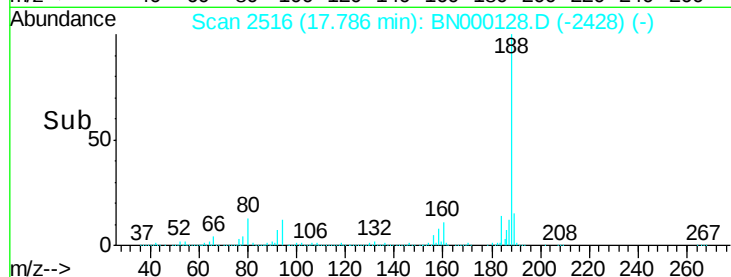
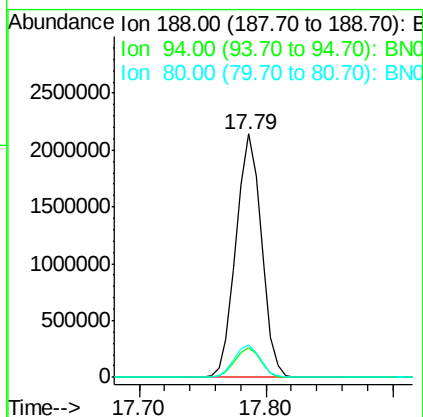
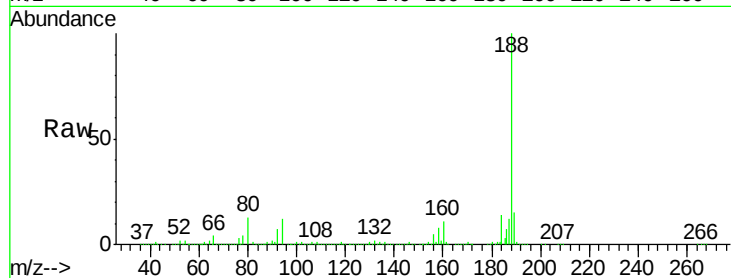




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

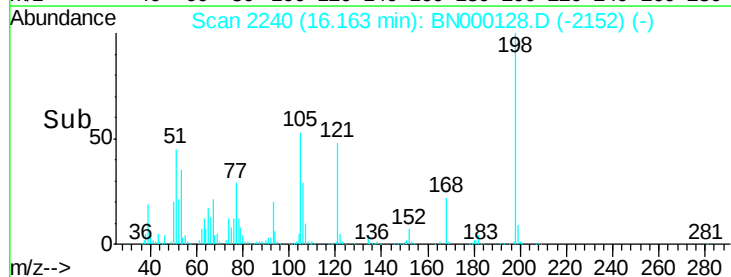
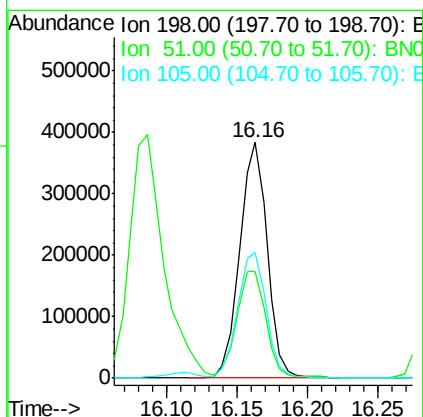
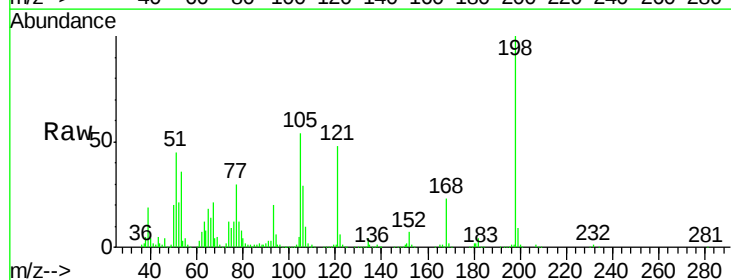
Instrument :
BNA_N
ClientSampled :

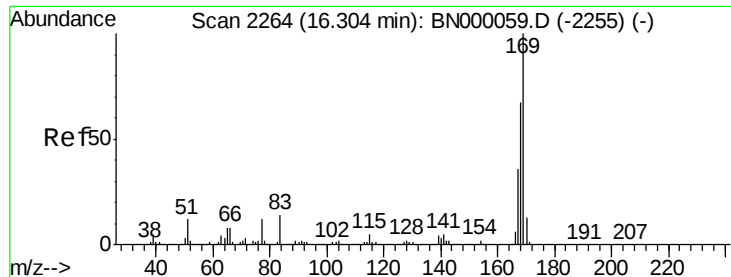
Tot Ion:188 Resp: 2973379
Ion Ratio Lower Upper
188 100
94 12.4 6.9 10.3#
80 13.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.11 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: 40.07 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 :

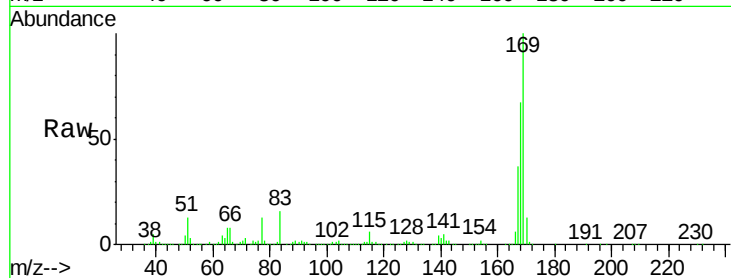
Tot Ion:169 Resp: 3876884

Ion Ratio Lower Upper

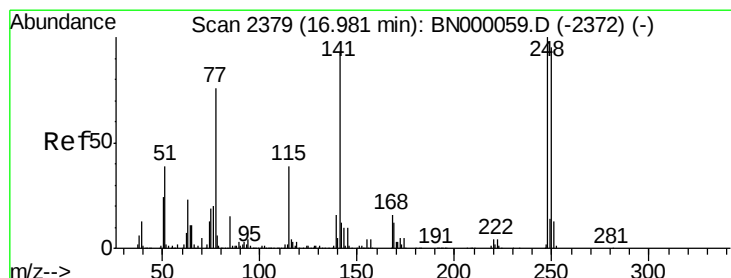
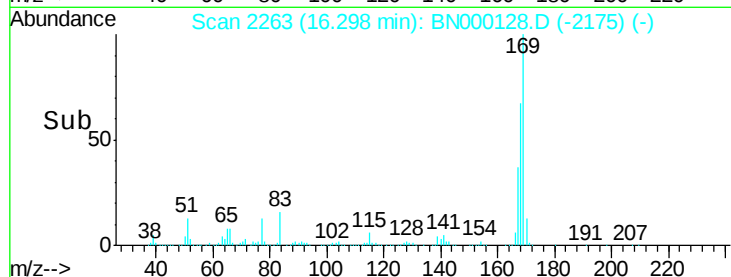
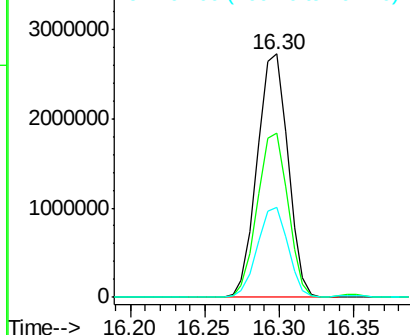
169 100

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: 39.61 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

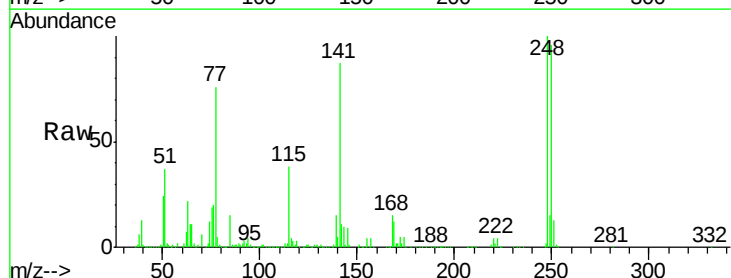
Tgt Ion:248 Resp: 1119927

Ion Ratio Lower Upper

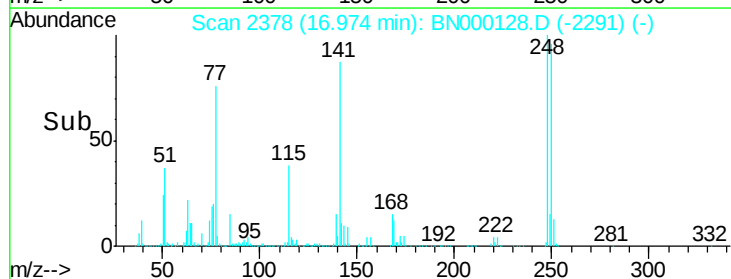
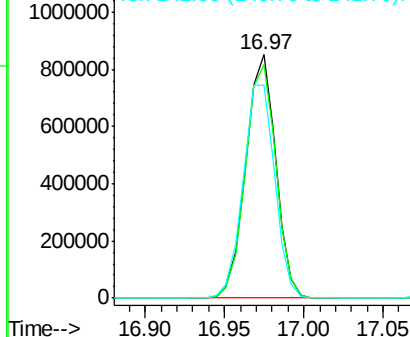
248 100

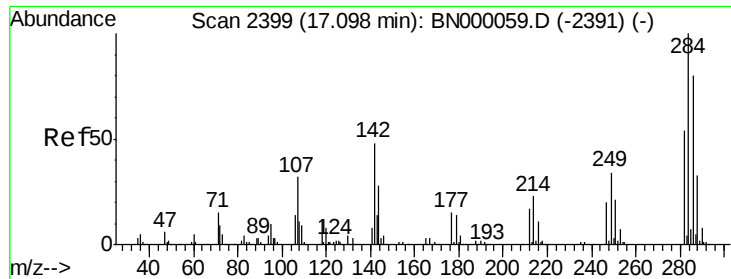
250 96.0 77.1 115.7

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

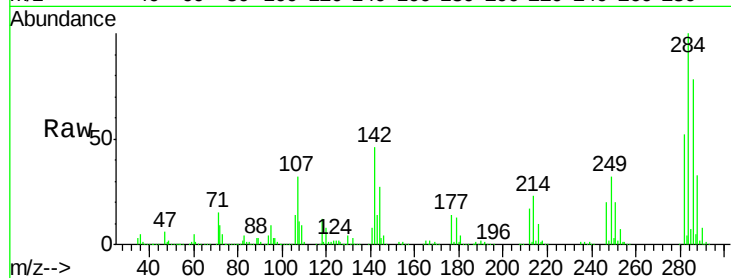




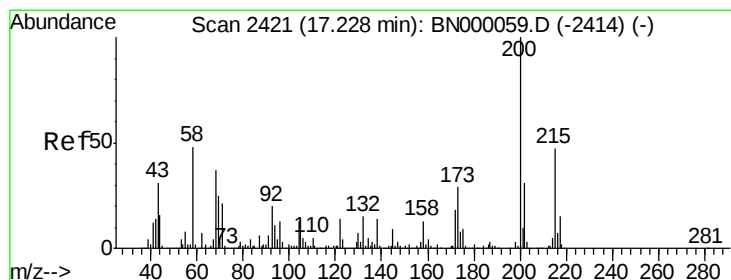
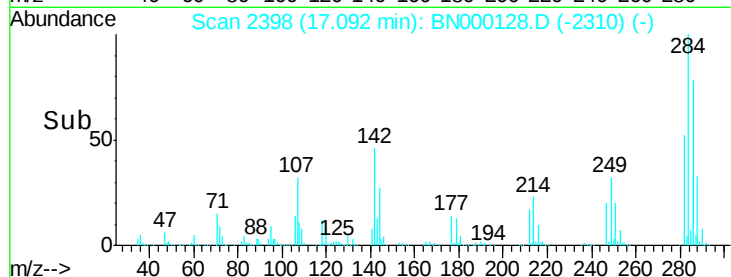
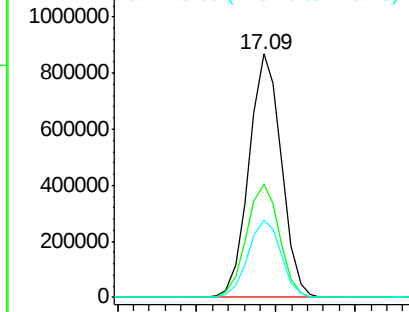
#67
Hexachlorobenzene
Concen: 37.23 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

Instrument :
BNA_N
ClientSampleId :

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

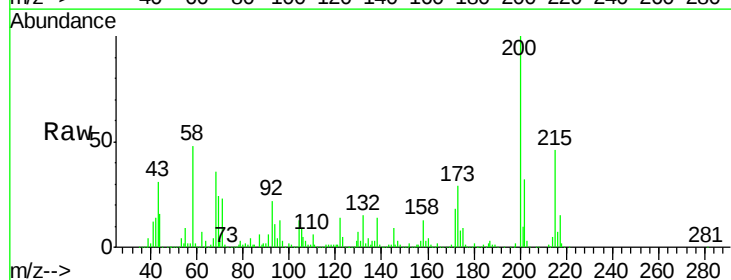


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

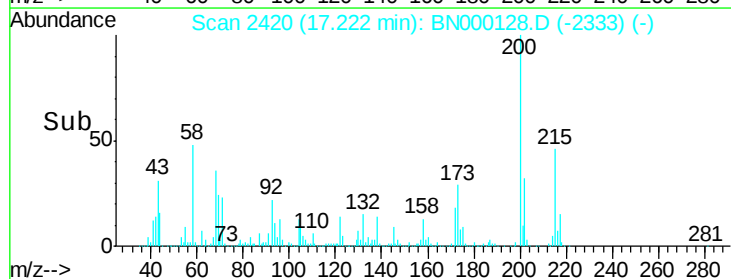
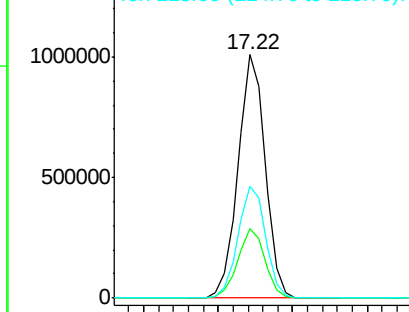


#68
Atrazine
Concen: 40.52 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

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: 71.82 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

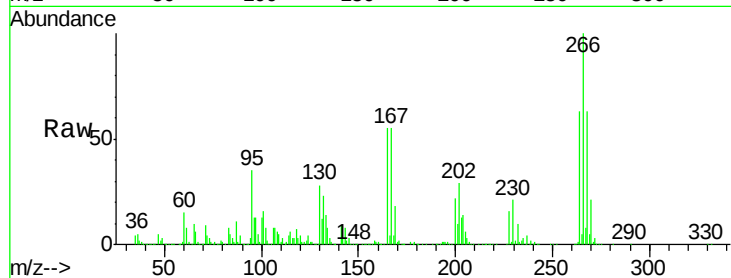
Instrument :

BNA_N

ClientSampled :

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

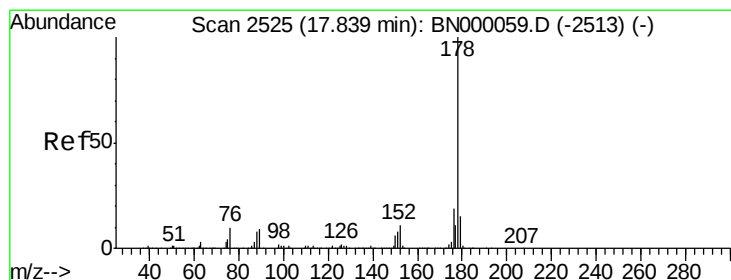
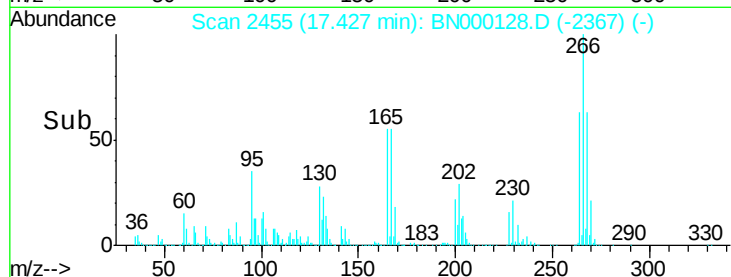
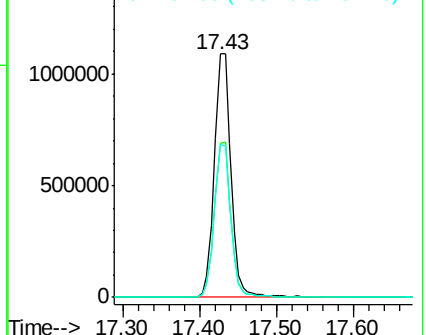


Abundance

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: 38.76 ng

RT: 17.83 min Scan# 2523

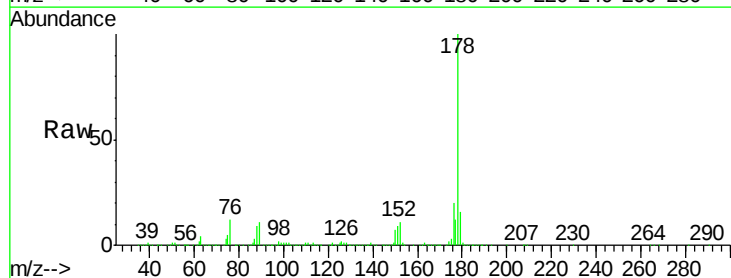
Delta R.T. -0.02 min

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

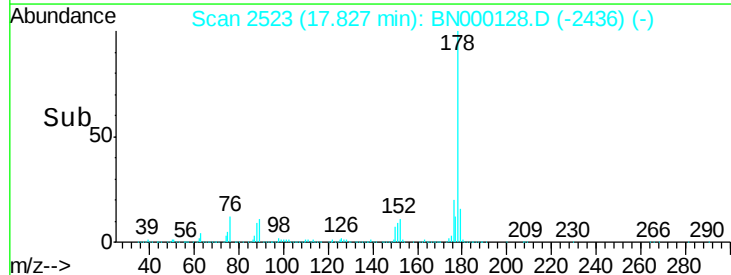
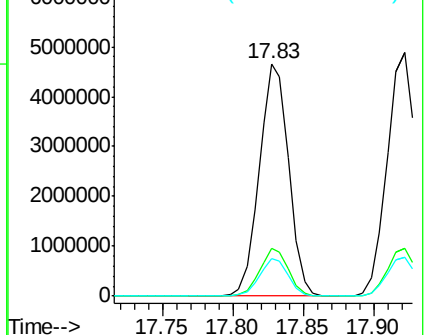


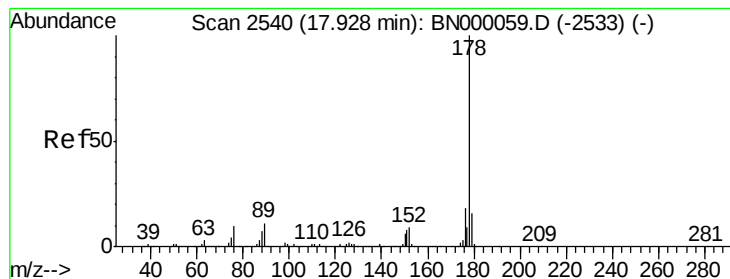
Abundance

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: 41.21 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

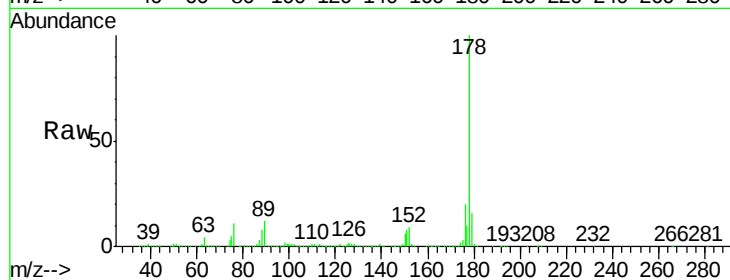
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 7008516

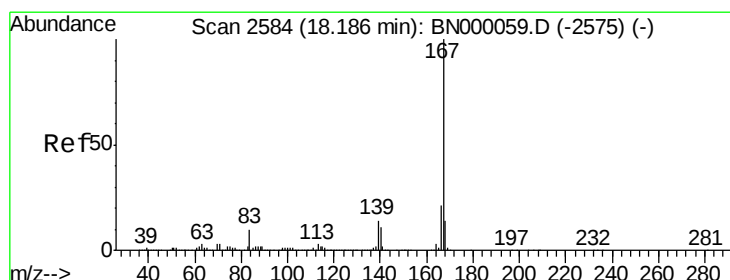
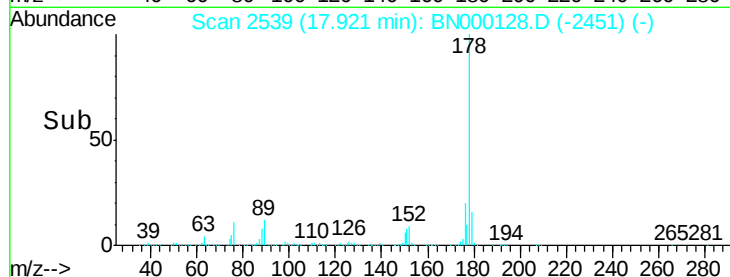
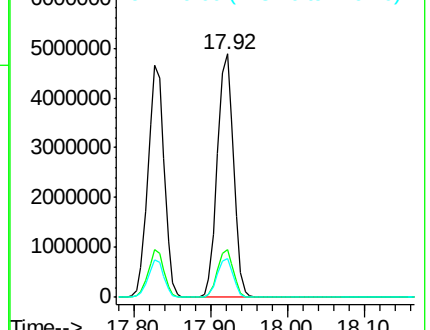
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.8	12.5	18.7



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



#72

Carbazole

Concen: 39.88 ng

RT: 18.18 min Scan# 2583

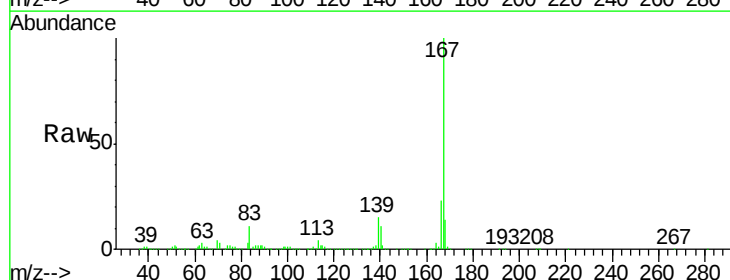
Delta R.T. -0.01 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

Tgt Ion:167 Resp: 6832089

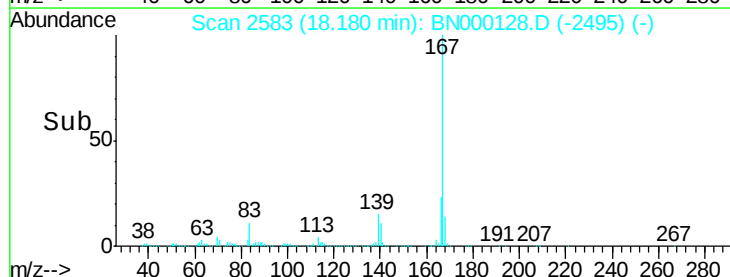
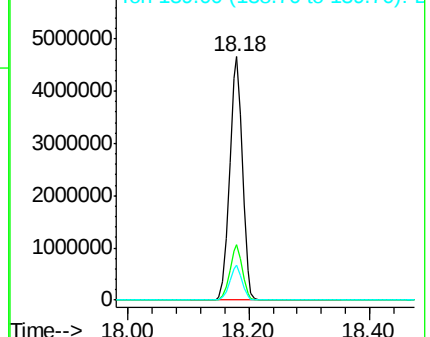
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.6	9.4	14.2#

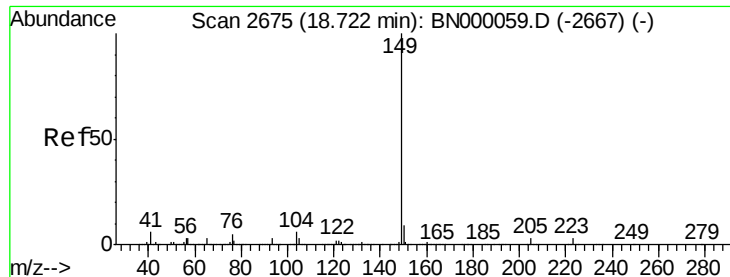


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.36 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 :

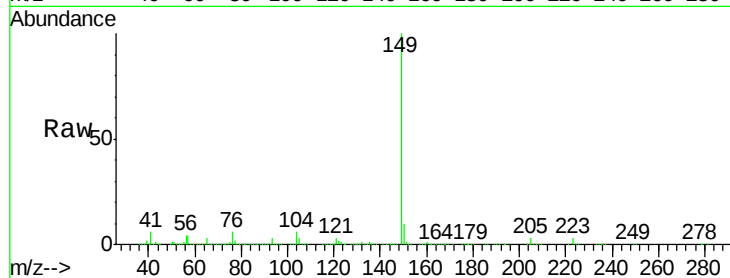
Tot Ion:149 Resp: 7823329

Ion Ratio Lower Upper

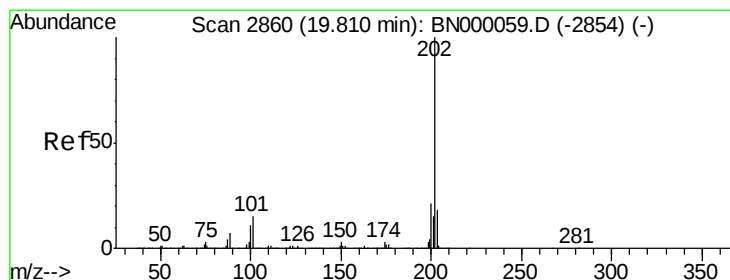
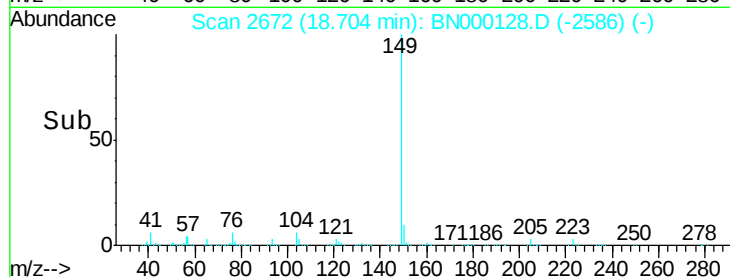
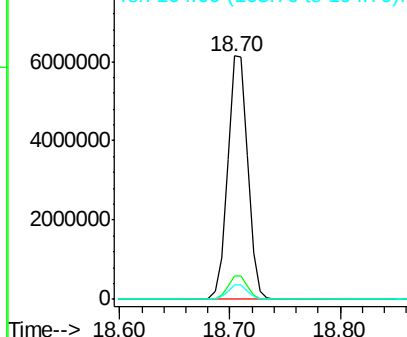
149 100

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: 40.95 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

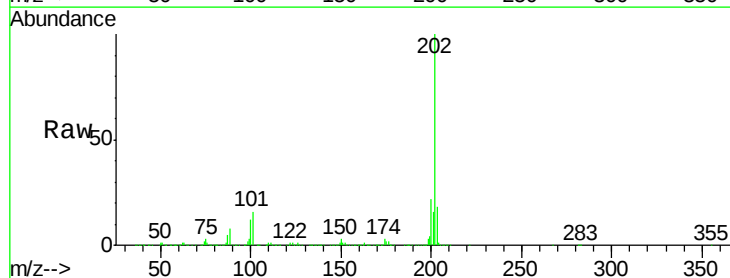
Tgt Ion:202 Resp: 7546142

Ion Ratio Lower Upper

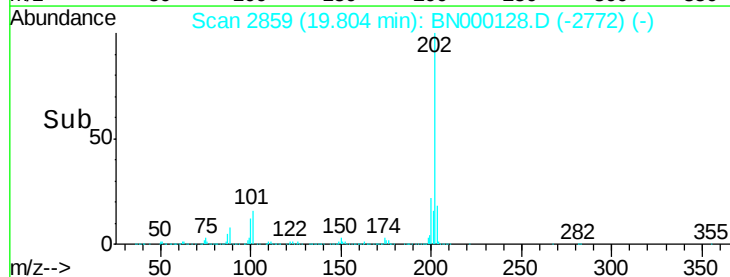
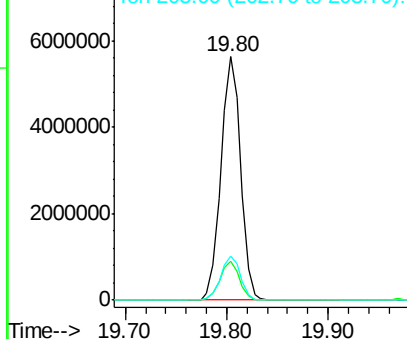
202 100

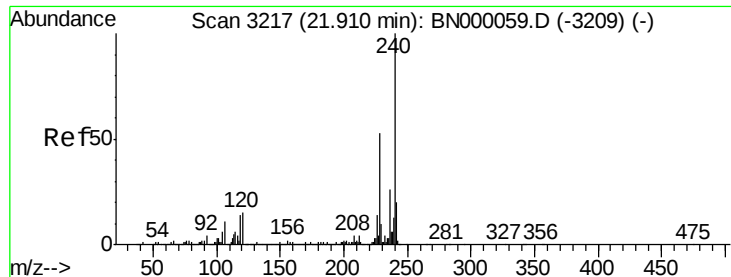
101 16.1 0.0 28.9

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: 20.00 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 :

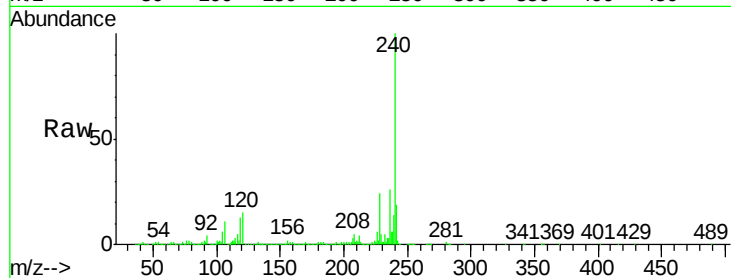
Tot Ion:240 Resp: 3095706

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

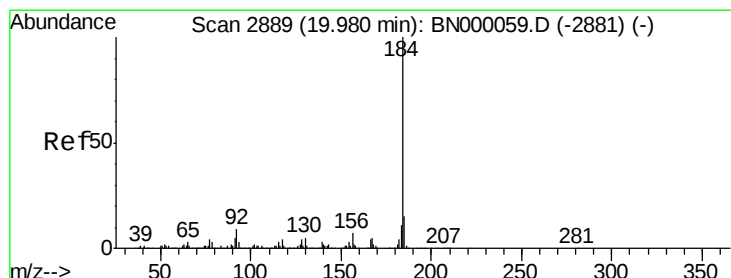
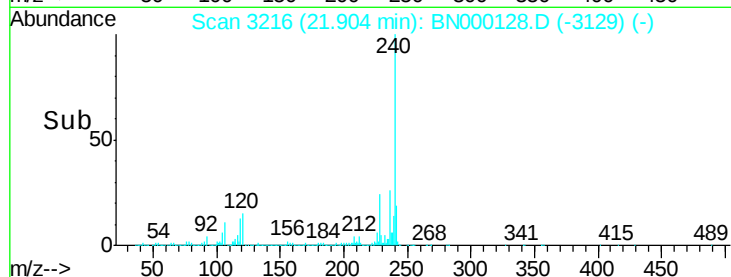
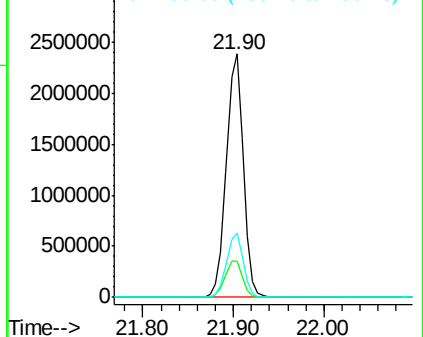
236 26.5 20.9 31.3



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: 40.54 ng

RT: 19.97 min Scan# 2887

Delta R.T. -0.02 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

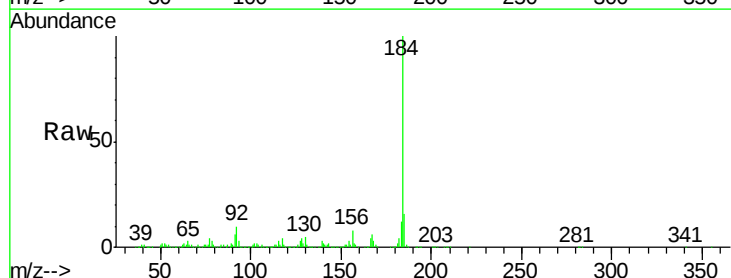
Tgt Ion:184 Resp: 4000949

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

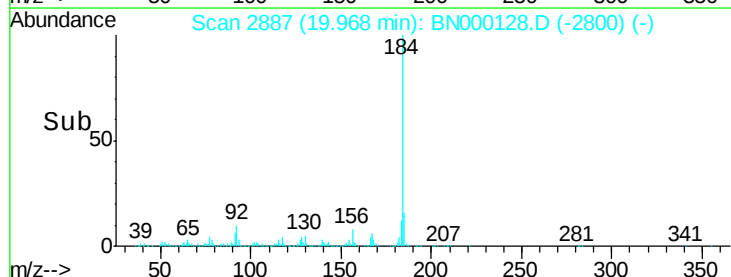
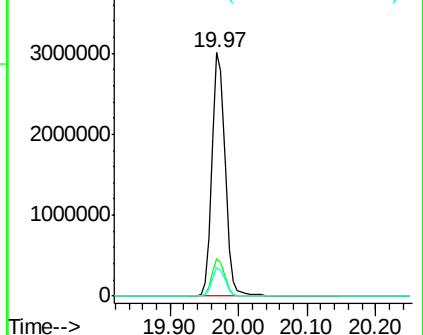
183 11.8 10.6 16.0

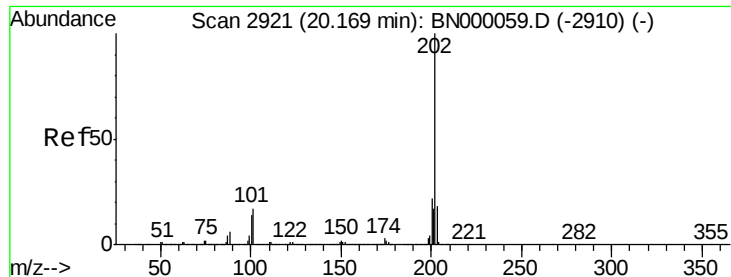


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

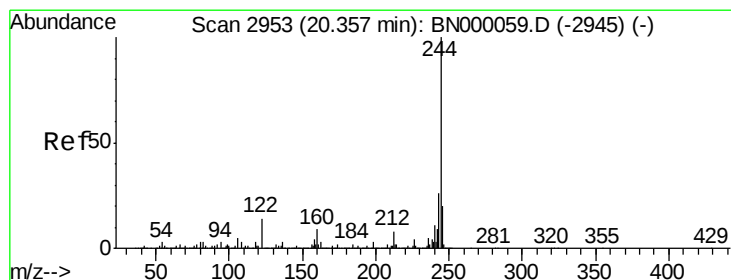
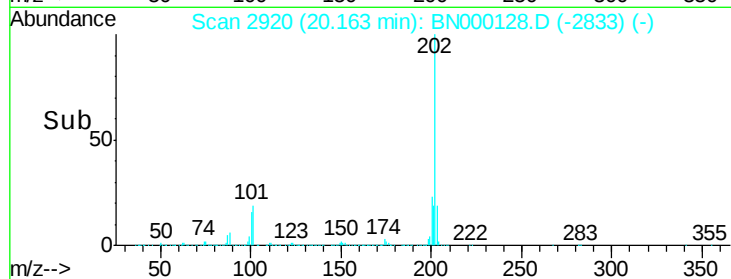
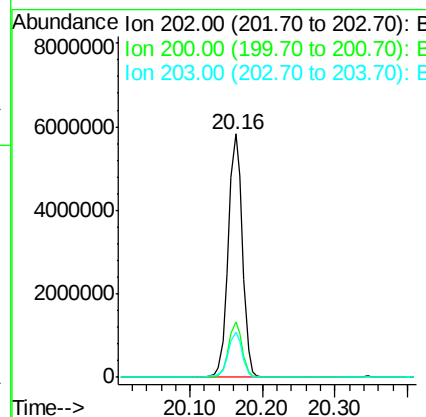
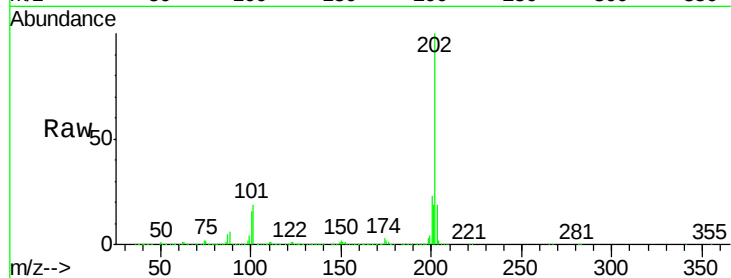




#77
Pvrene
Concen: 40.06 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

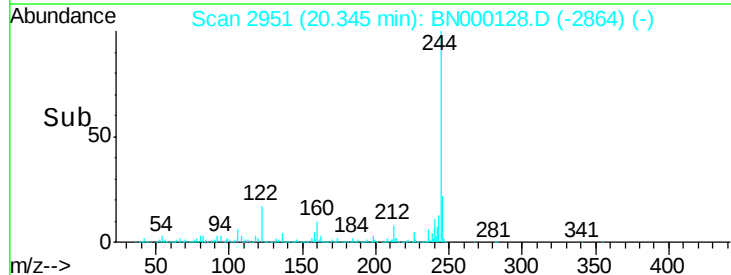
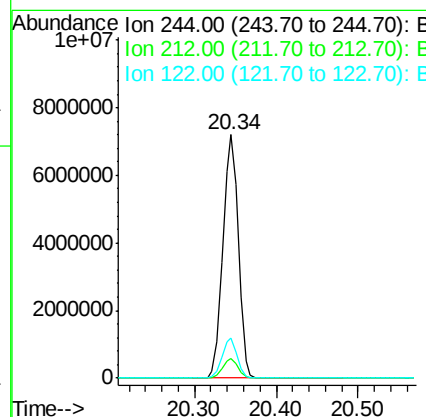
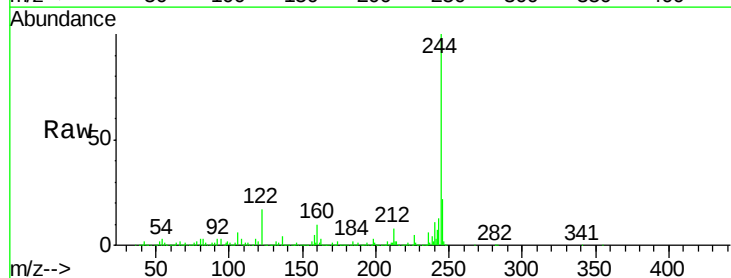
Instrument :
BNA_N
ClientSampleId :

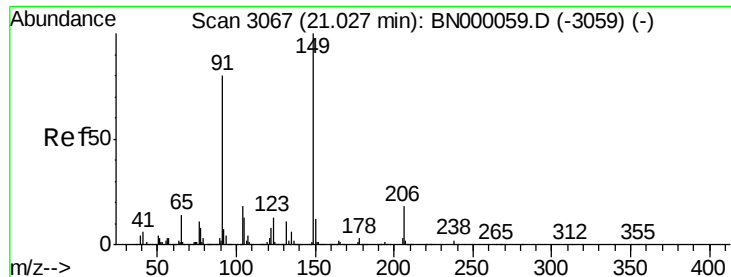
Tot Ion:202 Resp: 7881966
Ion Ratio Lower Upper
202 100
200 22.8 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 82.68 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#

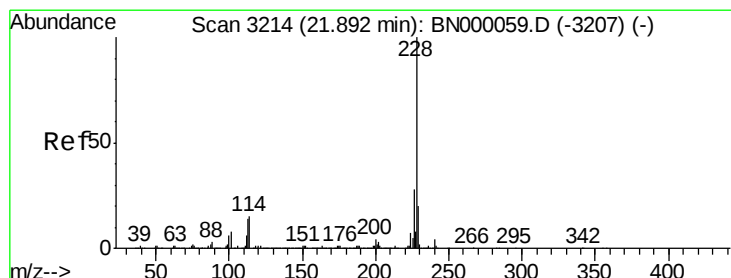
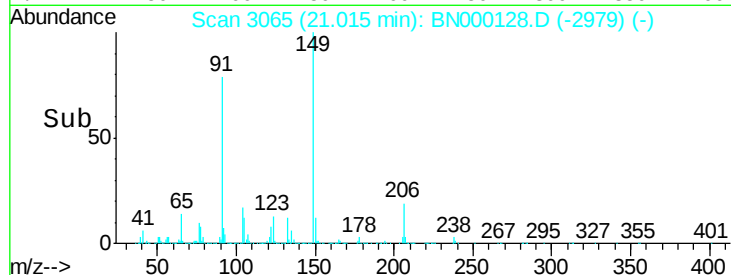
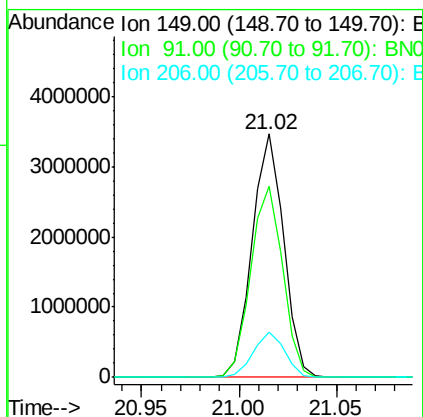
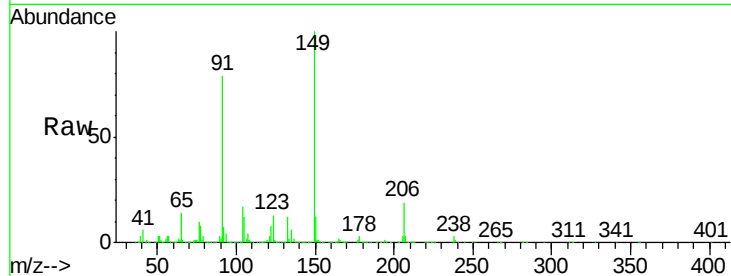




#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

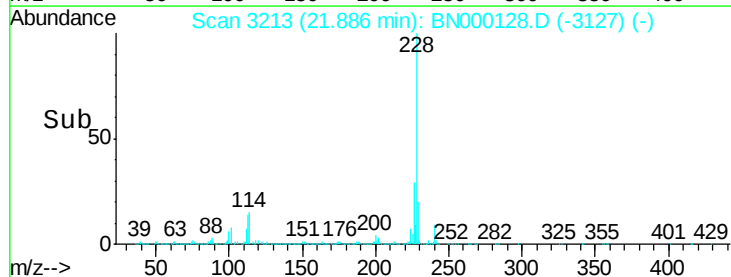
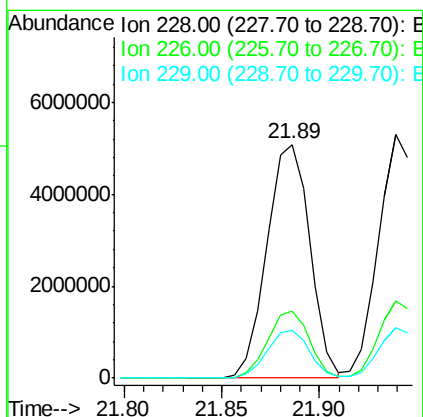
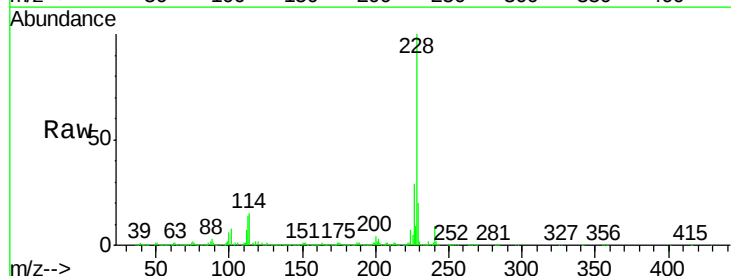
Instrument :
BNA_N
ClientSampleId :

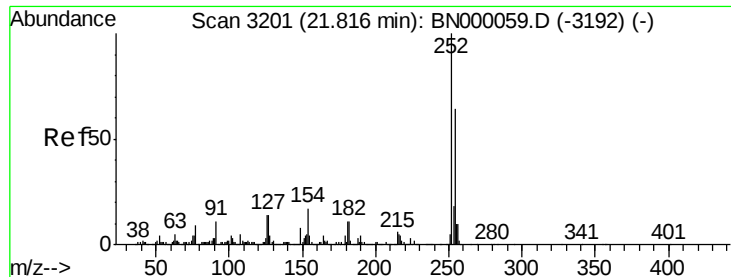
Tot Ion:149 Resp: 3877778
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 18.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.76 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

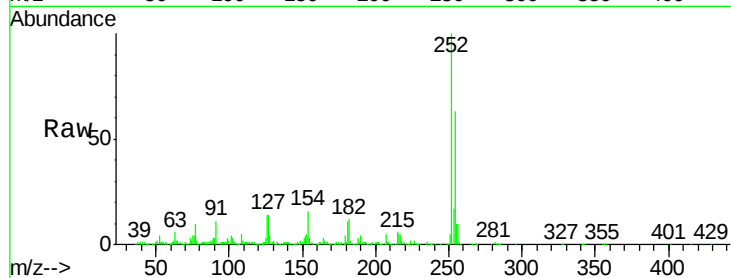




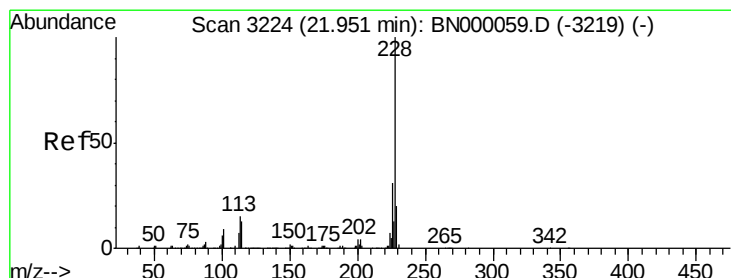
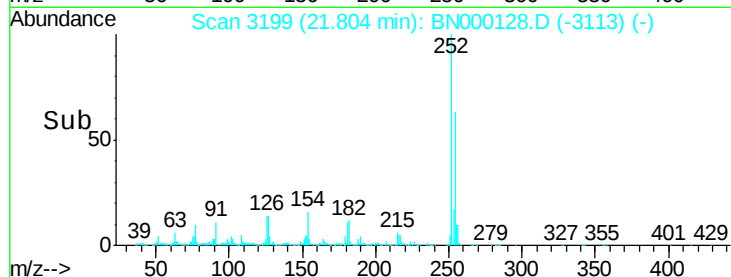
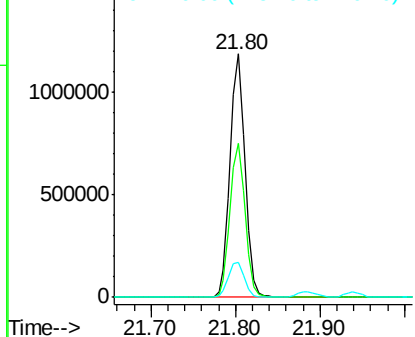
#81
 3,3'-Dichlorobenzidine
 Concen: 20.71 ng
 RT: 21.80 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :

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#

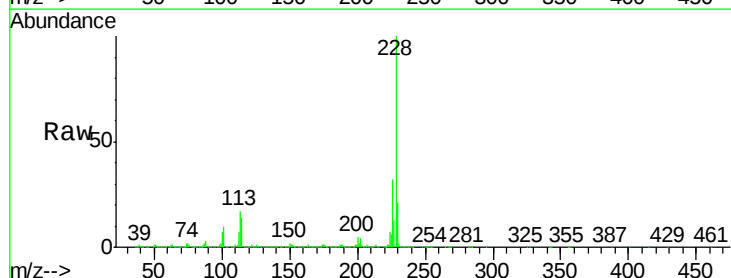


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

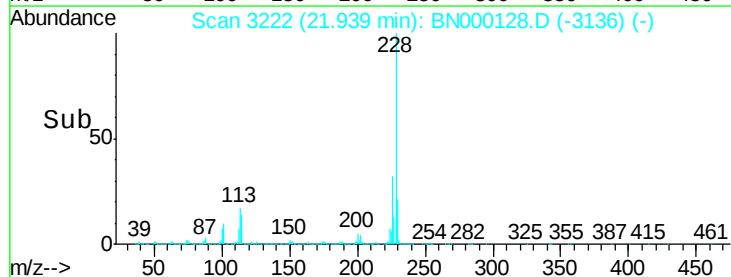
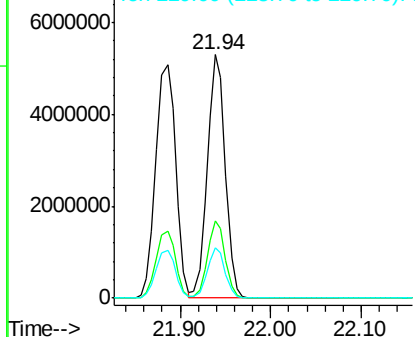


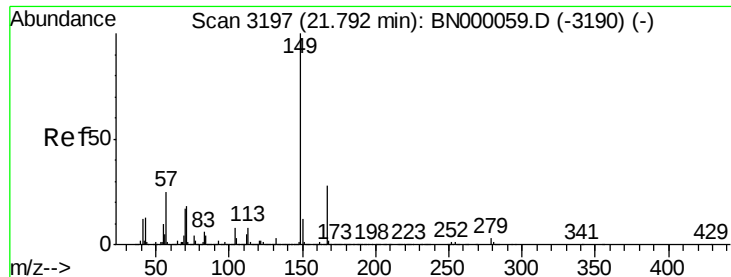
#82
 Chrysene
 Concen: 38.71 ng
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

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

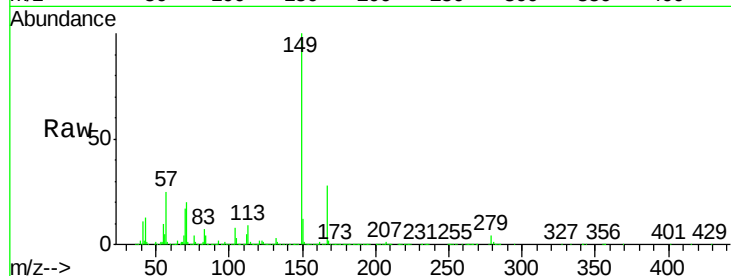




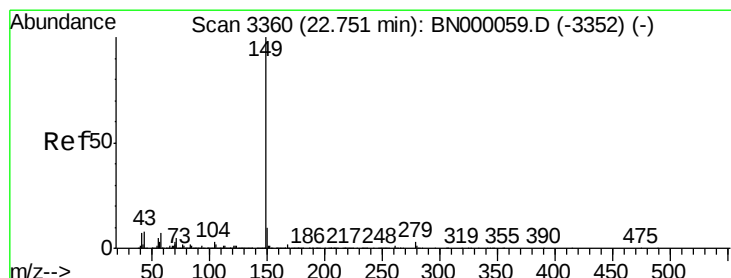
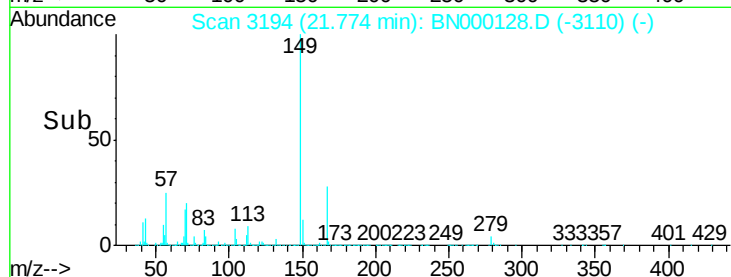
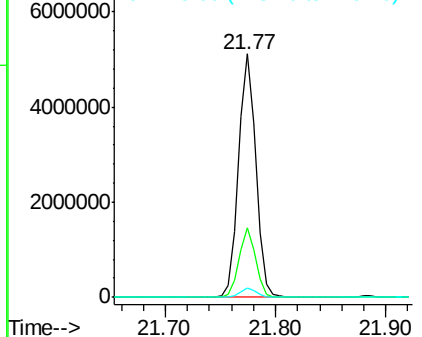
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.20 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

Instrument :
 BNA_N
 ClientSampleId :

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#

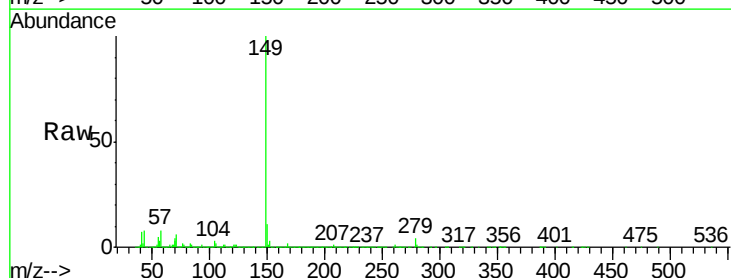


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

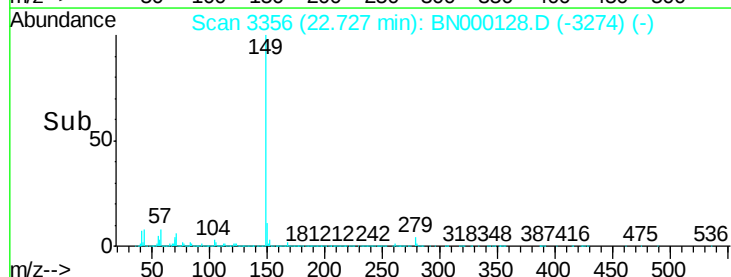
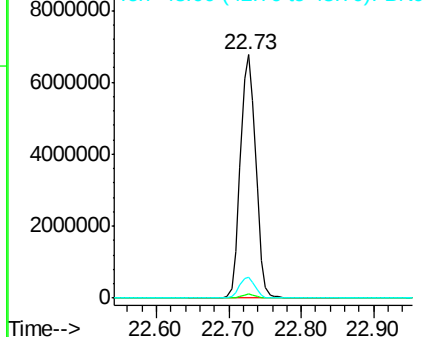


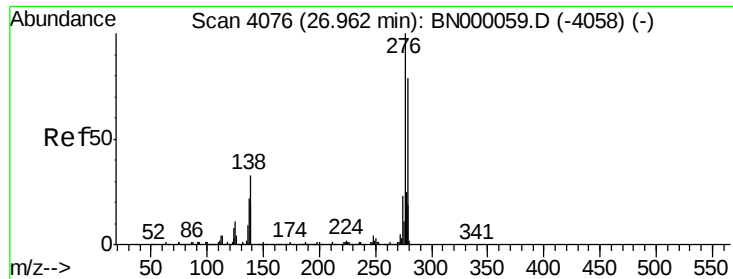
#84
 Di-n-octyl phthalate
 Concen: 44.23 ng
 RT: 22.73 min Scan# 3356
 Delta R.T. -0.05 min
 Lab File: BN000128.D
 Acq: 20 Feb 2018 01:38

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

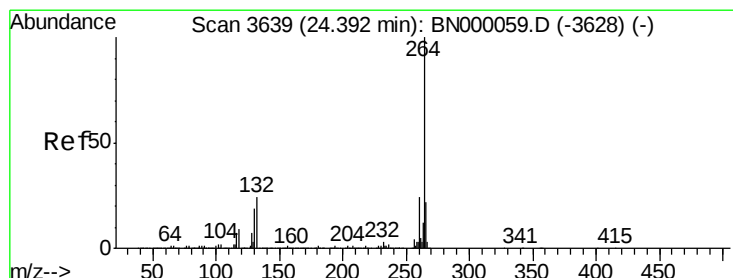
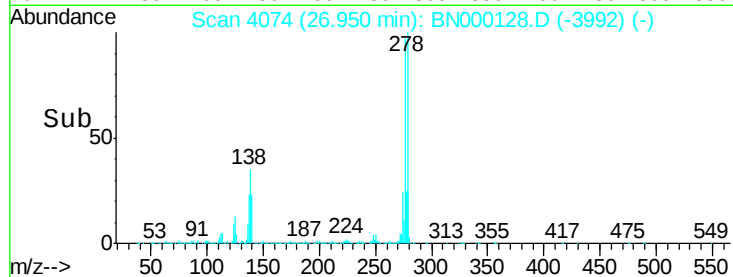
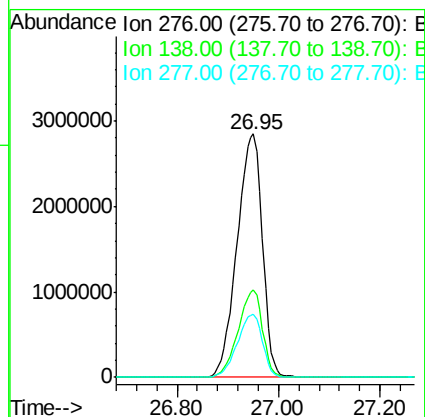
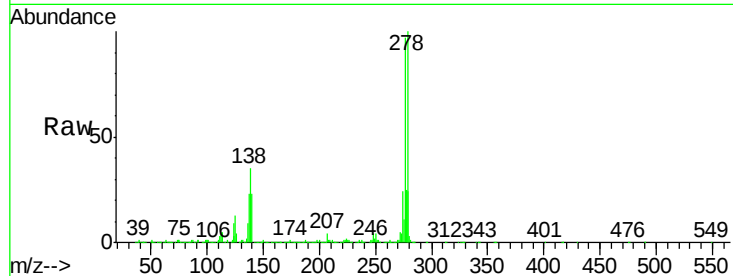




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.33 ng
RT: 26.95 min Scan# 4074
Delta R.T. -0.05 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

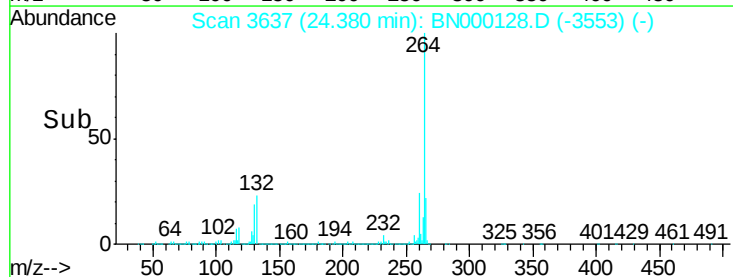
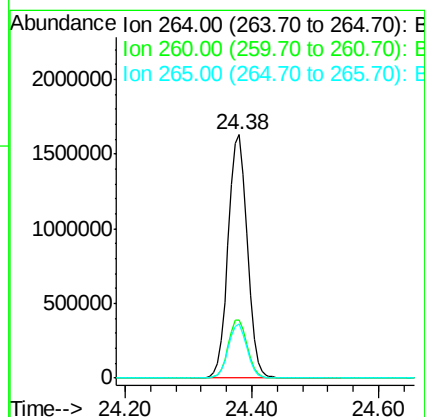
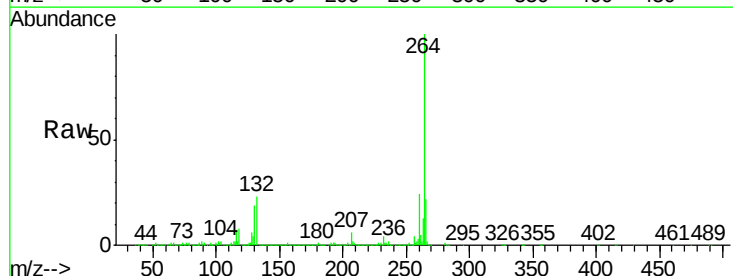
Instrument :
BNA_N
ClientSampleId :

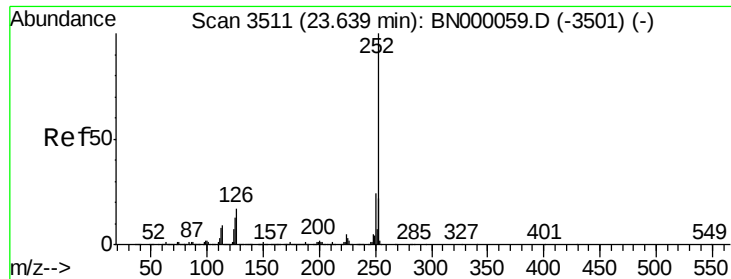
Tot Ion:276 Resp: 9859110
Ion Ratio Lower Upper
276 100
138 34.7 16.0 24.0#
277 25.7 20.0 30.0



#86
Perylene-d12
Concen: 20.00 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





#87

Benzo(b)fluoranthene

Concen: 40.93 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 :

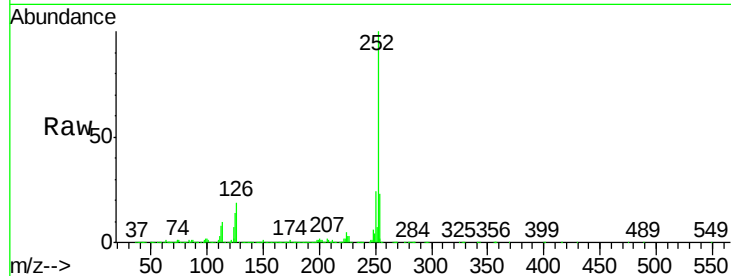
Tot Ion:252 Resp: 8189227

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

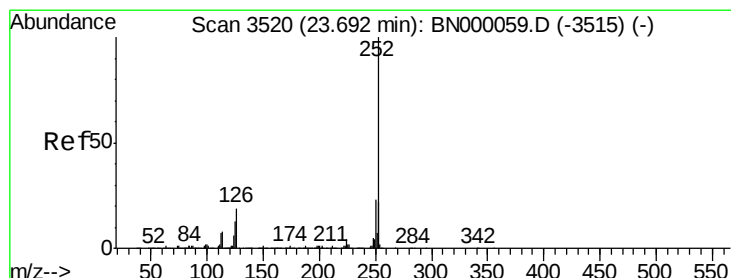
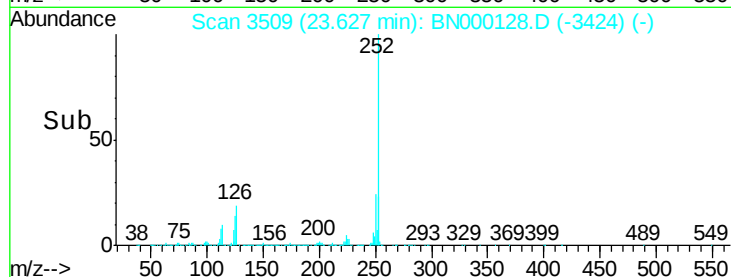
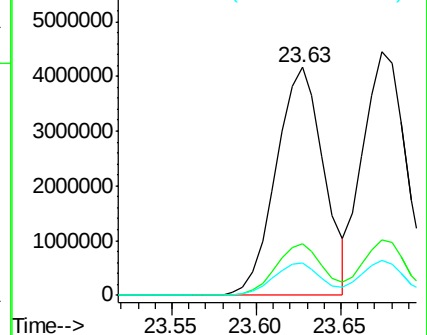
125 14.1 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.31 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BN000128.D

Acq: 20 Feb 2018 01:38

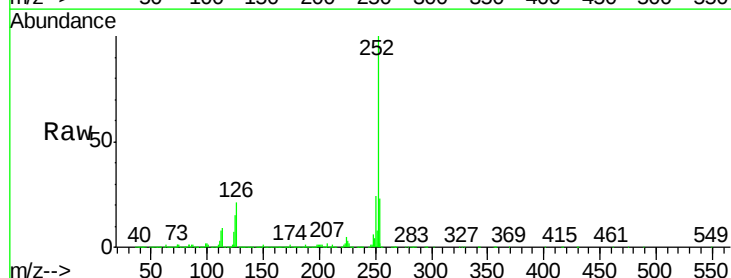
Tgt Ion:252 Resp: 7921550

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

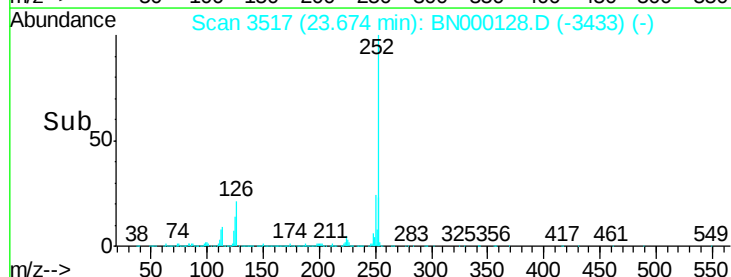
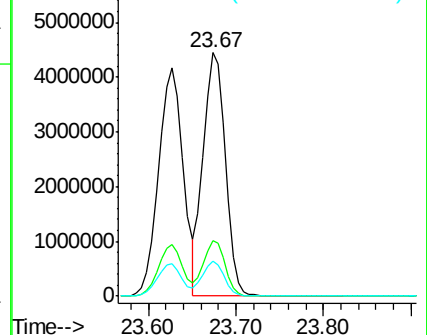
125 14.5 6.6 9.8#

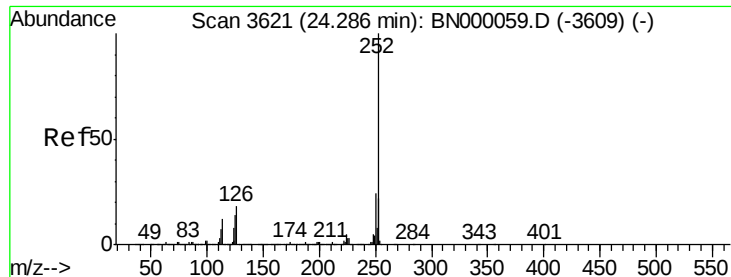


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

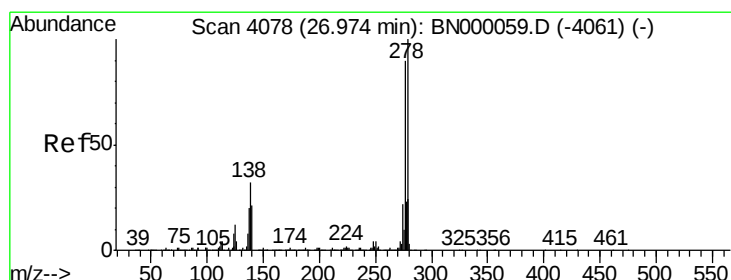
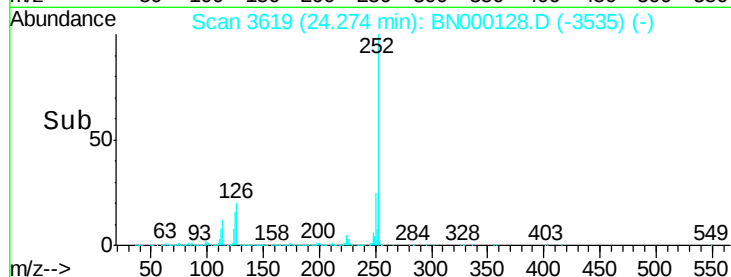
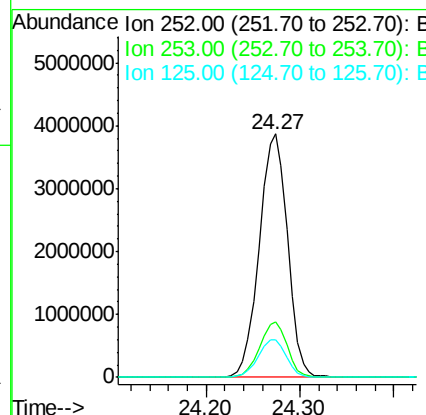
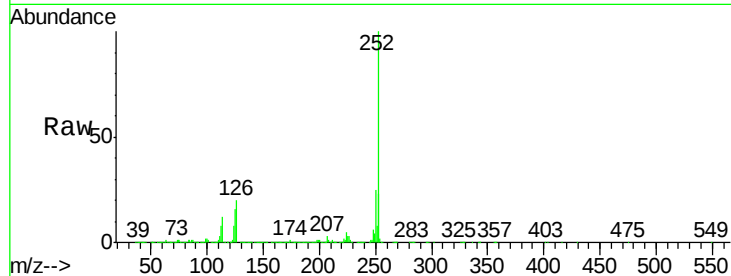




#89
Benzo(a)pyrene
Concen: 41.89 ng
RT: 24.27 min Scan# 3619
Delta R.T. -0.04 min
Lab File: BN000128.D
Acq: 20 Feb 2018 01:38

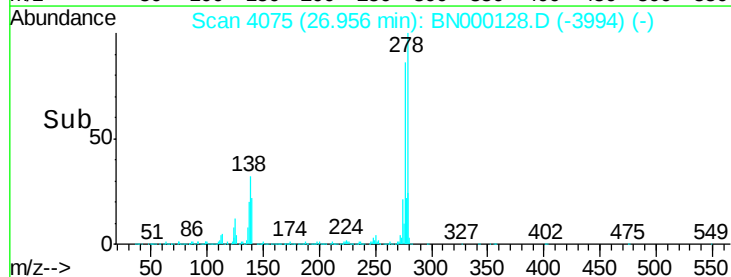
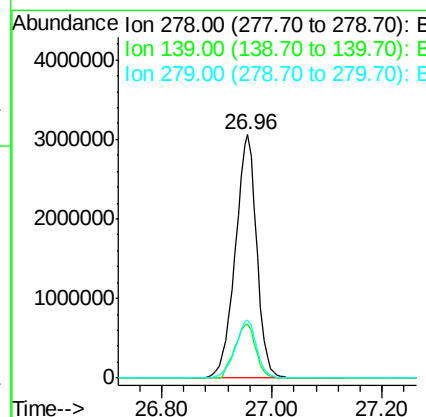
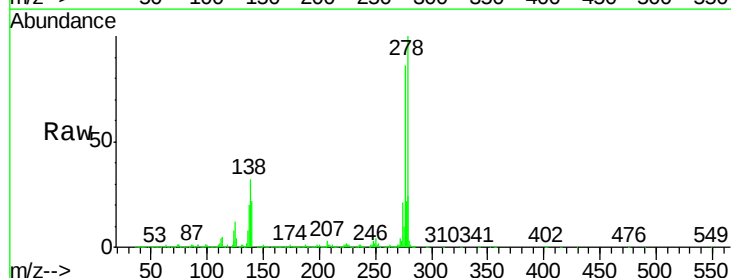
Instrument :
BNA_N
ClientSampleId :

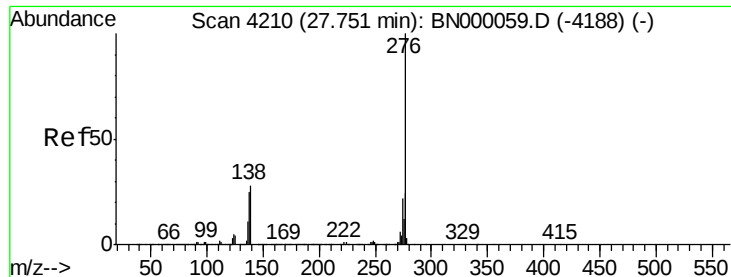
Tot Ion:252 Resp: 8036844
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 15.6 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 41.29 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





#91
 Benzo(a,h,i)perylene
 Concen: 40.74 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 :

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

