

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000046.D
 Acq On : 07 Feb 2018 21:32
 Operator : JU/SJ
 Sample : MDL-W-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 04:27:19 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	8.47	152	296826	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1483297	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	938927	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2238155	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2574697	20.00	ng	0.00
86) Perylene-d12	24.42	264	2710435	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	3465658	190.29	ng	0.00
7) Phenol-d6	7.59	99	4885551	177.09	ng	0.00
23) Nitrobenzene-d5	9.65	82	2452405	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1443803	155.35	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	6532132	98.05	ng	0.00
78) Terphenyl-d14	20.36	244	10105461	105.98	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	26801	3.66	ng	# 90
3) Pyridine	4.13	79	51343	2.25	ng	98
4) n-Nitrosodimethylamine	4.01	42	23349	3.62	ng	# 78
6) Aniline	7.78	93	117850	3.10	ng	89
8) 2-Chlorophenol	8.02	128	96611	4.54	ng	92
9) Benzaldehyde	7.59	77	75146	4.38	ng	94
10) Phenol	7.62	94	137871	4.73	ng	95
11) bis(2-Chloroethyl)ether	7.87	93	90284	3.77	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	87209	3.60	ng	98
13) 1,4-Dichlorobenzene	8.50	146	90269	3.65	ng	92
14) 1,2-Dichlorobenzene	8.83	146	88407	3.63	ng	96
15) Benzyl Alcohol	8.70	79	66746	3.37	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	93183	3.68	ng	79
17) 2-Methylphenol	8.90	107	78685	3.80	ng	94
18) Hexachloroethane	9.58	117	27832	3.24	ng	# 83
19) n-Nitroso-di-n-propylamine	9.27	70	53936	2.92	ng	# 83
20) 3+4-Methylphenols	9.22	107	102300	3.53	ng	95
22) Acetophenone	9.30	105	140055	3.37	ng	# 86
24) Nitrobenzene	9.69	77	110689	4.06	ng	# 97
25) Isophorone	10.21	82	157724	3.06	ng	97
26) 2-Nitrophenol	10.40	139	22231	8.88	ng	90
27) 2,4-Dimethylphenol	10.45	122	102809	4.60	ng	92
28) bis(2-Chloroethoxy)methane	10.69	93	126098	3.81	ng	93
29) 2,4-Dichlorophenol	10.94	162	67023	3.24	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	85116	3.57	ng	97
31) Naphthalene	11.36	128	297273	3.66	ng	98
32) Benzoic acid	10.45	122	102809	15.38	ng	# 6
33) 4-Chloroaniline	11.45	127	116360	3.26	ng	94
34) Hexachlorobutadiene	11.64	225	41938	3.39	ng	95
35) Caprolactam	12.17	113	17778	5.82	ng	91
36) 4-Chloro-3-methylphenol	12.53	107	79637	3.03	ng	# 97
37) 2-Methylnaphthalene	12.93	142	211737	3.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	94688	3.42	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	30252	2.62	ng	93

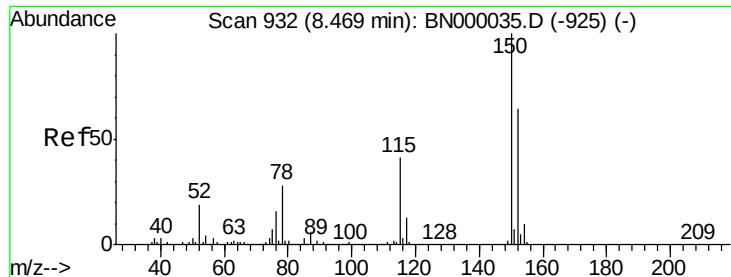
Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000046.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	42169	2.54	nq	91
43) 2,4,5-Trichlorophenol	13.59	196	50444	2.53	nq	# 90
45) 1,1'-Biphenyl	13.92	154	317832	3.84	nq	98
46) 2-Chloronaphthalene	13.97	162	216238	3.49	nq	96
47) 2-Nitroaniline	14.15	65	35115	6.61	nq	92
48) Acenaphthylene	14.80	152	318284	3.18	nq	97
49) Dimethylphthalate	14.52	163	263938	3.36	nq	99
50) 2,6-Dinitrotoluene	14.63	165	35943	2.22	nq	93
51) Acenaphthene	15.14	154	225519	3.47	nq	98
52) 3-Nitroaniline	14.96	138	44189	2.24	nq	# 96
53) 2,4-Dinitrophenol	15.16	184	6349	10.21	nq	# 37
54) Dibenzofuran	15.47	168	372855	4.05	nq	96
55) 4-Nitrophenol	15.24	139	29015	6.66	nq	93
56) 2,4-Dinitrotoluene	15.41	165	42012	5.84	nq	95
57) Fluorene	16.11	166	287986	3.83	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	41361	2.62	nq	# 76
59) Diethylphthalate	15.86	149	265812	3.33	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	134106	3.91	nq	92
61) 4-Nitroaniline	16.11	138	46743	2.31	nq	98
62) Azobenzene	16.39	77	259615	3.27	nq	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	12273	9.66	nq	80
65) n-Nitrosodiphenylamine	16.30	169	237726	3.26	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	70518	3.31	nq	# 83
67) Hexachlorobenzene	17.10	284	86047	3.46	nq	# 89
68) Atrazine	17.23	200	63748	2.69	nq	92
69) Pentachlorophenol	17.44	266	26351	7.26	nq	95
70) Phenanthrene	17.84	178	511157	3.87	nq	98
71) Anthracene	17.93	178	452054	3.53	nq	98
72) Carbazole	18.19	167	436196	3.38	nq	97
73) Di-n-butylphthalate	18.73	149	338721	2.38	nq	98
74) Fluoranthene	19.82	202	508070	3.66	nq	96
76) Benzidine	19.99	184	100646	1.23	nq	96
77) Pyrene	20.17	202	552898	3.38	nq	99
79) Butylbenzylphthalate	21.04	149	126717	6.83	nq	# 96
80) Benzo(a)anthracene	21.91	228	585520	3.70	nq	97
81) 3,3'-Dichlorobenzidine	21.83	252	140670	2.42	nq	# 97
82) Chrysene	21.96	228	595898	3.78	nq	98
83) Bis(2-ethylhexyl)phthalate	21.81	149	184612	4.41	nq	# 95
84) Di-n-octyl phthalate	22.77	149	282544	7.83	nq	98
85) Indeno(1,2,3-cd)pyrene	26.98	276	634151	3.27	nq	# 85
87) Benzo(b)fluoranthene	23.66	252	542339	3.42	nq	# 95
88) Benzo(k)fluoranthene	23.71	252	580107	3.63	nq	# 97
89) Benzo(a)pyrene	24.31	252	516589	3.40	nq	# 94
90) Dibenzo(a,h)anthracene	26.99	278	538613	3.39	nq	# 91
91) Benzo(g,h,i)perylene	27.77	276	544580	3.38	nq	# 89

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

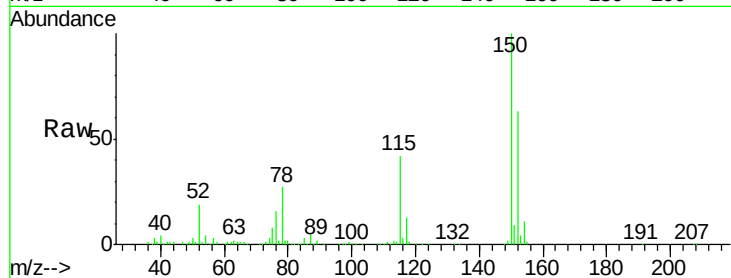


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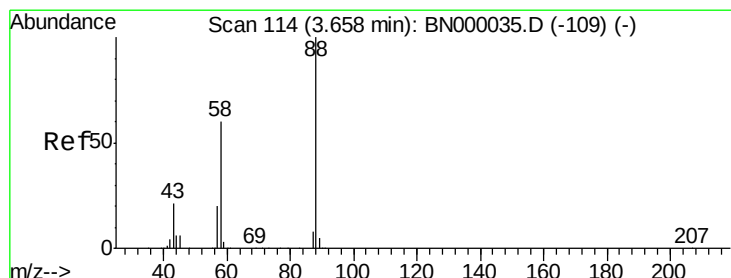
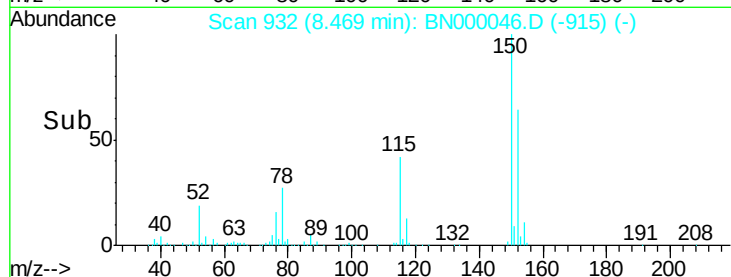
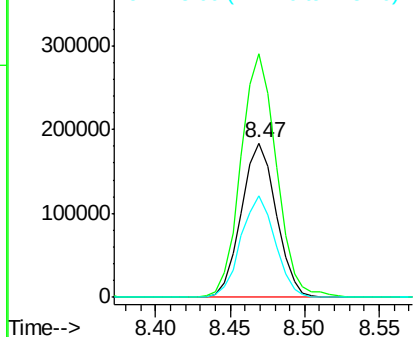
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 296826
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 65.8 53.0 79.4



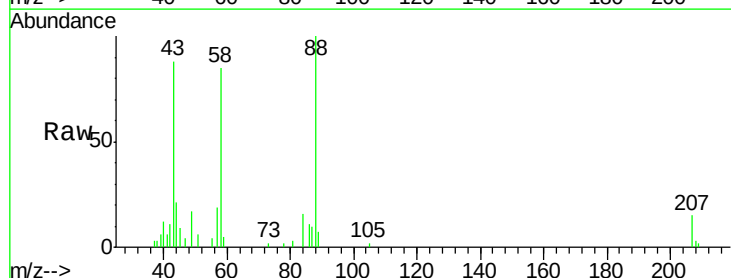
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



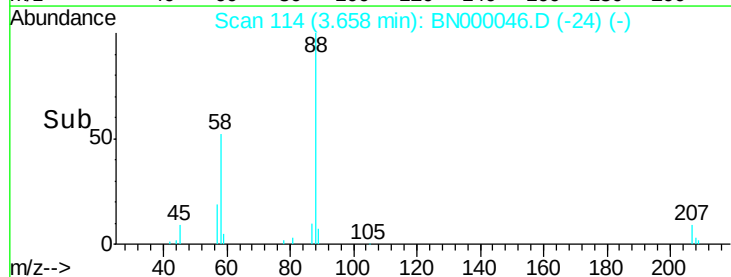
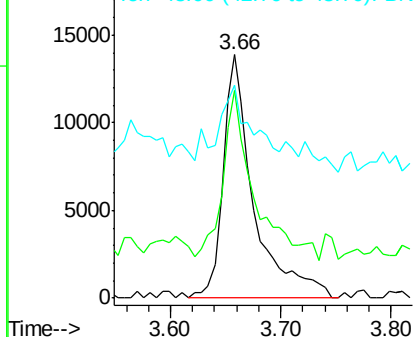
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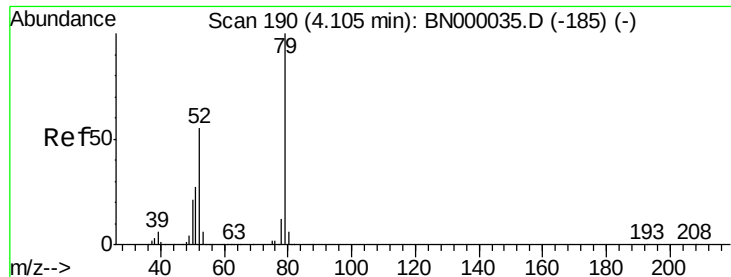
1,4-Dioxane
Concen: 3.66 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion: 88 Resp: 26801
Ion Ratio Lower Upper
88 100
58 71.3 52.0 78.0
43 31.9 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

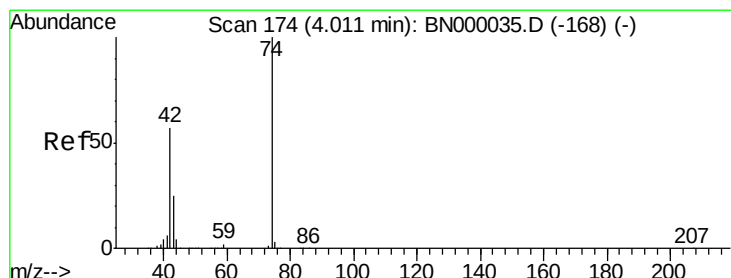
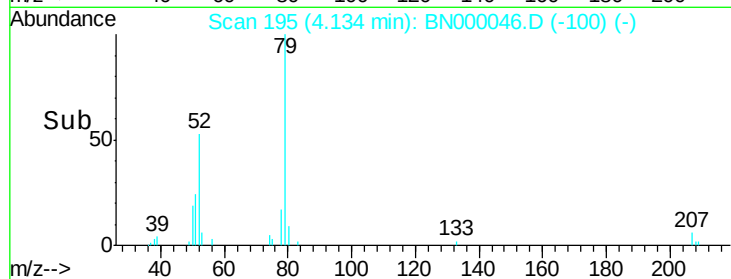
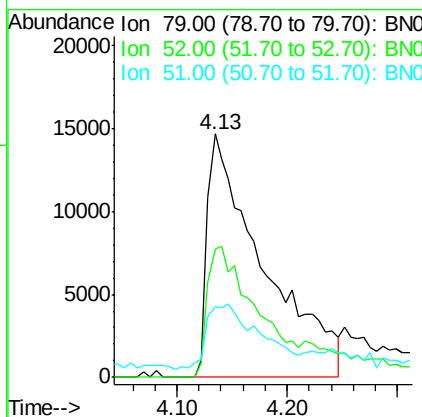
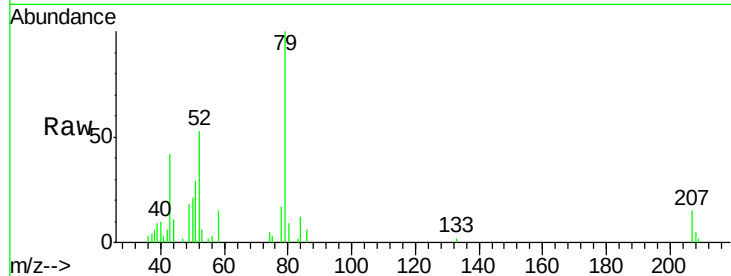




#3
 Pvridine
 Concen: 2.25 ng
 RT: 4.13 min Scan# 195
 Delta R.T. 0.03 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

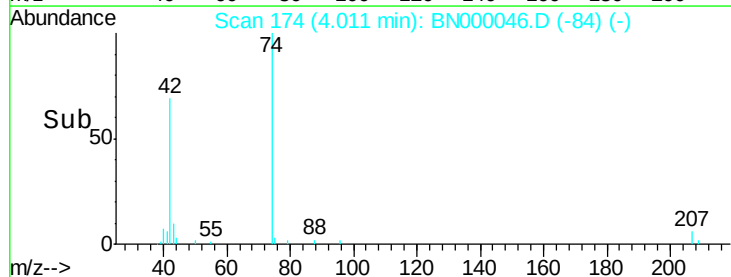
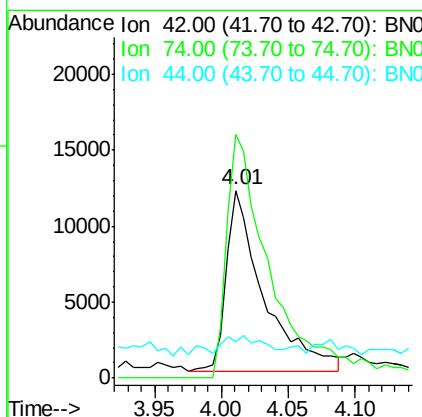
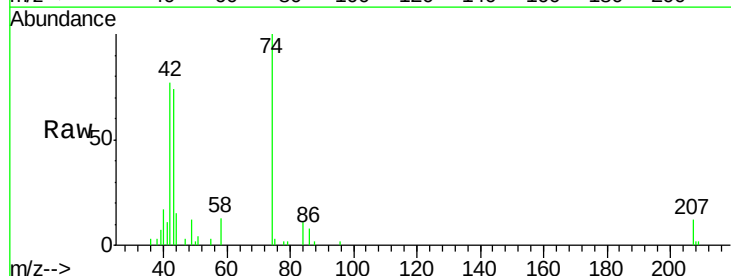
Instrument :
 BNA_N
 ClientSampleId :

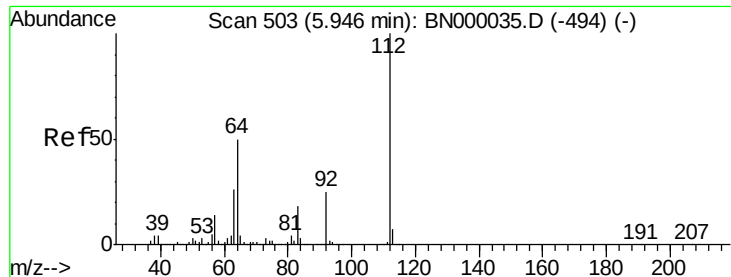
Tot Ion	Ratio	Lower	Upper
79	100		
52	52.9	44.0	66.0
51	29.2	24.0	36.0



#4
 n-Nitrosodimethylamine
 Concen: 3.62 ng
 RT: 4.01 min Scan# 174
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.6	128.0	192.0
44	19.3	12.0	18.0





#5

2-Fluorophenol

Concen: 190.29 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

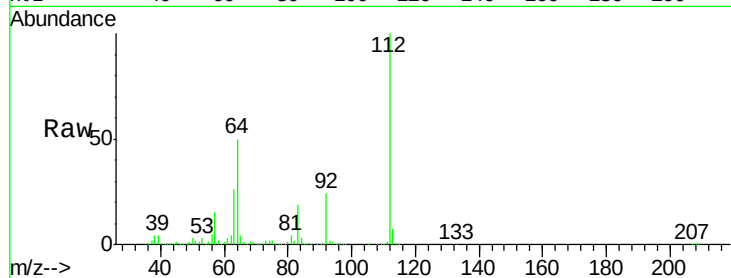
Tot Ion:112 Resp: 3465658

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

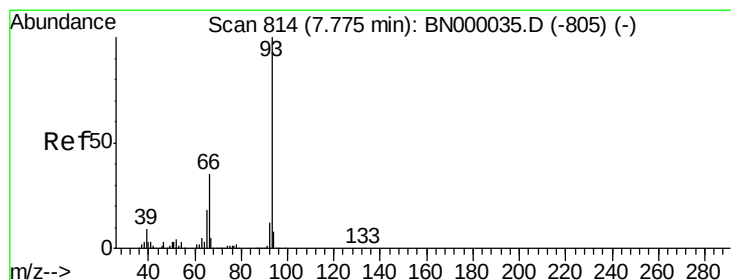
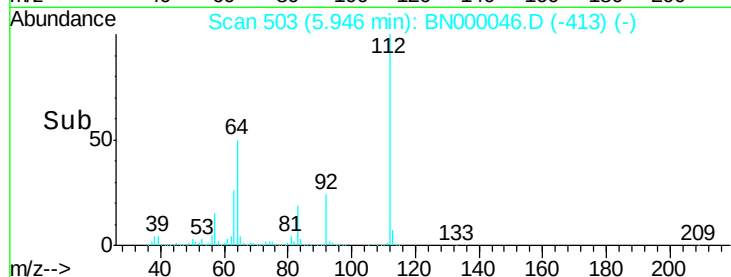
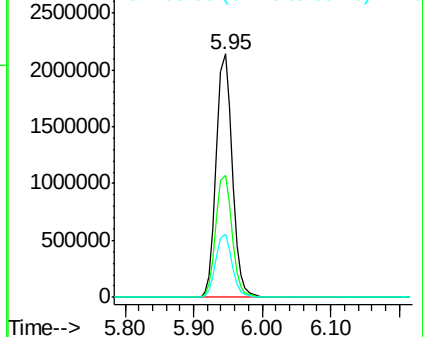
63 26.0 30.1 45.1#



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: 3.10 ng

RT: 7.78 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

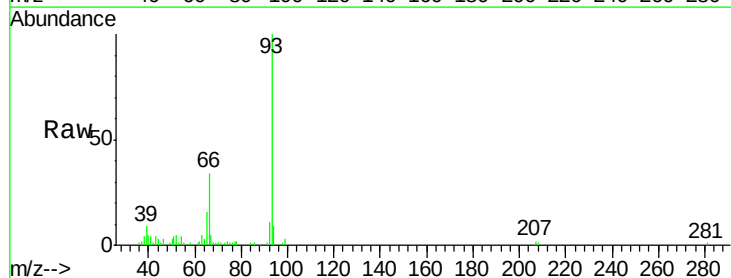
Tgt Ion: 93 Resp: 117850

Ion Ratio Lower Upper

93 100

66 34.5 33.7 50.5

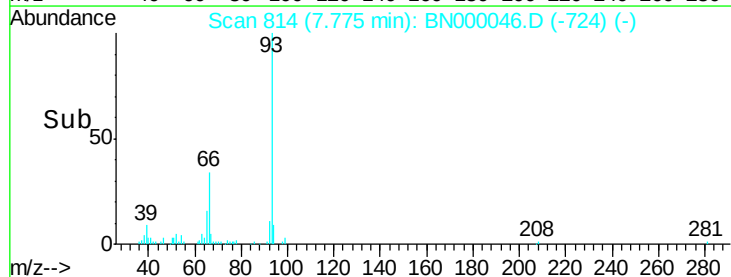
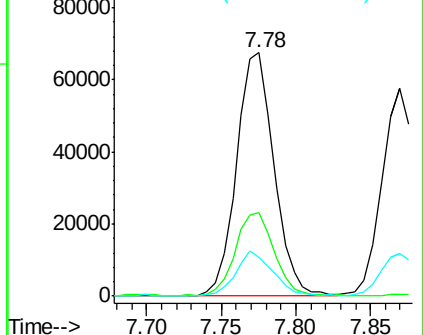
65 16.1 16.1 24.1

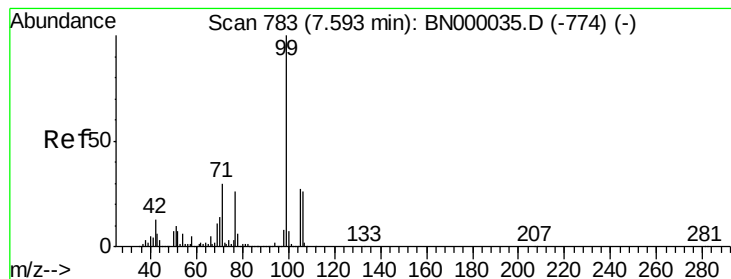


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 177.09 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

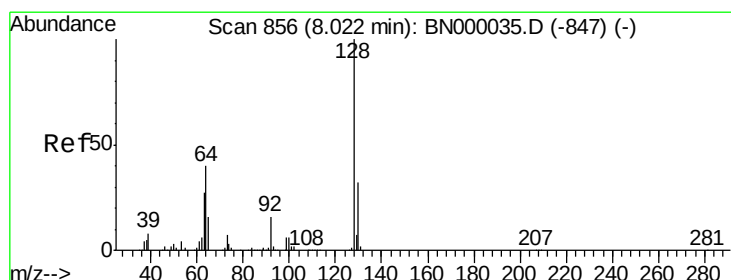
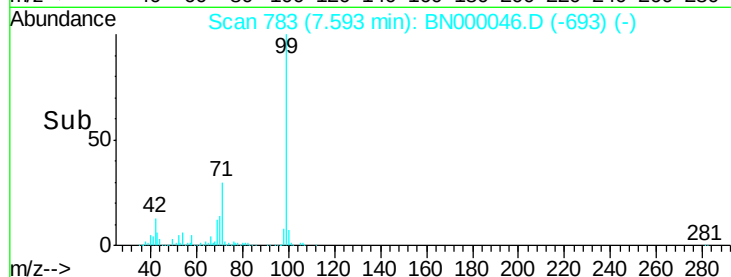
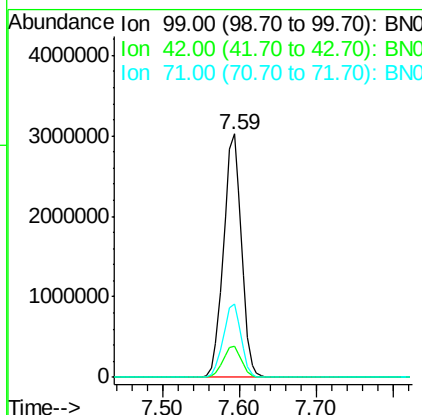
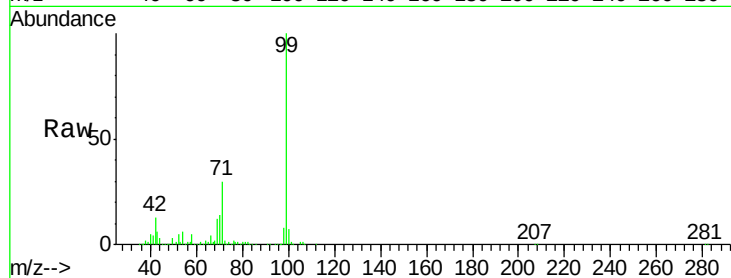
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 4885551

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.1	21.1#
71	30.1	26.1	39.1



#8

2-Chlorophenol

Concen: 4.54 ng

RT: 8.02 min Scan# 855

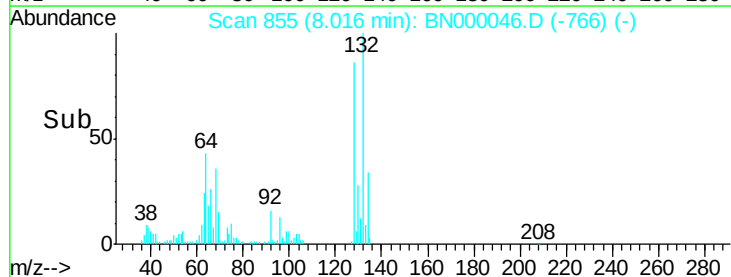
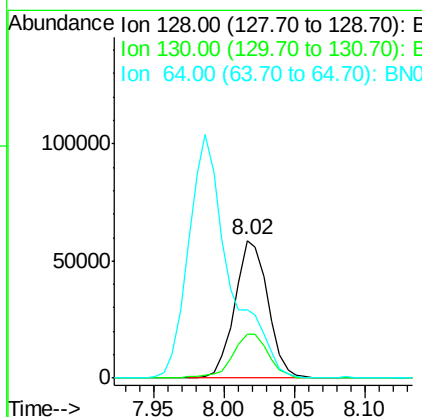
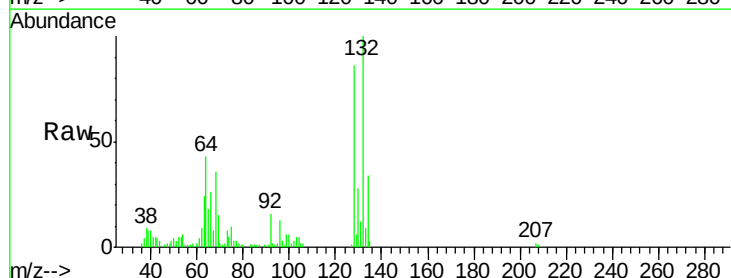
Delta R.T. -0.01 min

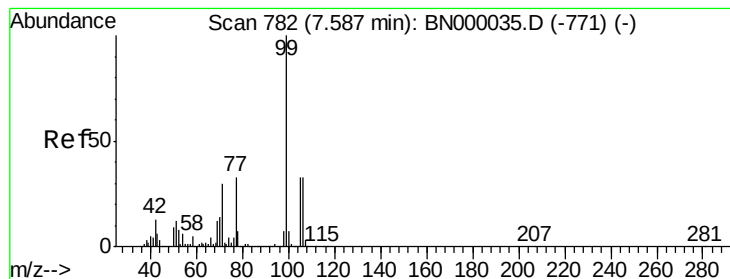
Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Tgt Ion: 128 Resp: 96611

Ion	Ratio	Lower	Upper
128	100		
130	32.2	14.0	54.0
64	49.6	37.7	77.7





#9

Benzaldehyde

Concen: 4.38 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

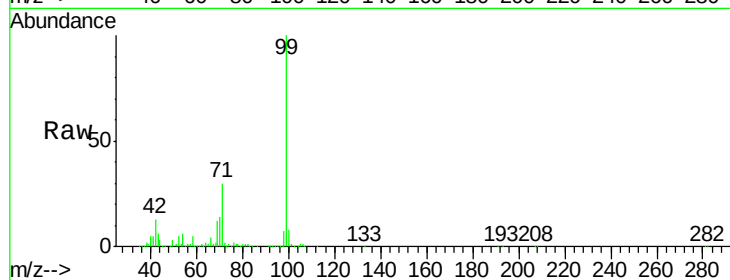
Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 75146

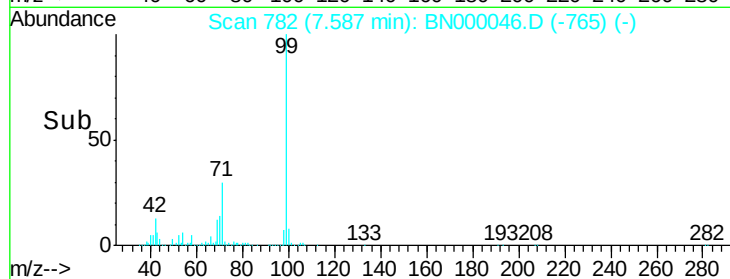
Ion	Ratio	Lower	Upper
77	100		
105	93.7	71.3	111.3
106	93.4	64.2	104.2



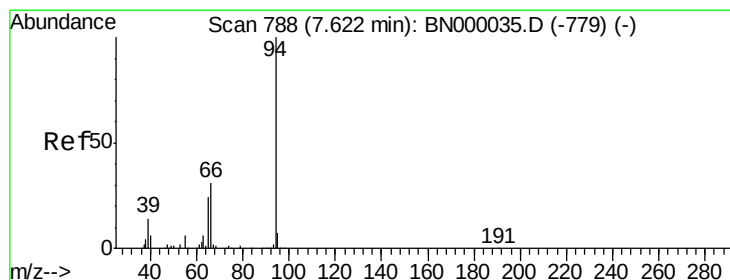
Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



Time-->



#10

Phenol

Concen: 4.73 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

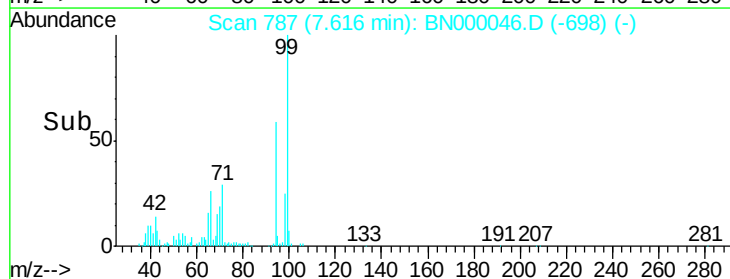
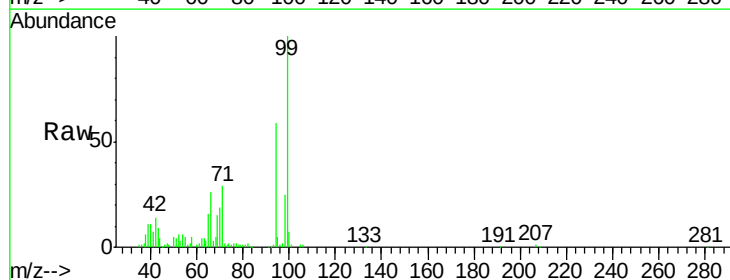
Tgt Ion: 94 Resp: 137871

Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.9	51.9
66	43.4	22.2	62.2

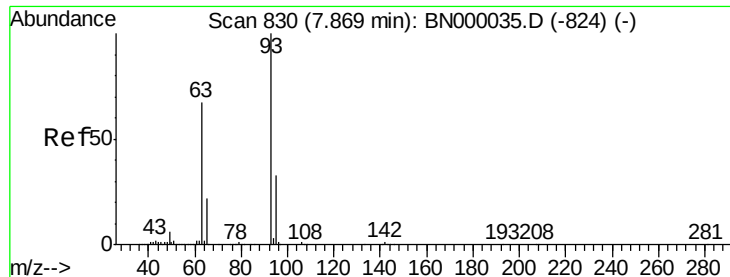
Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



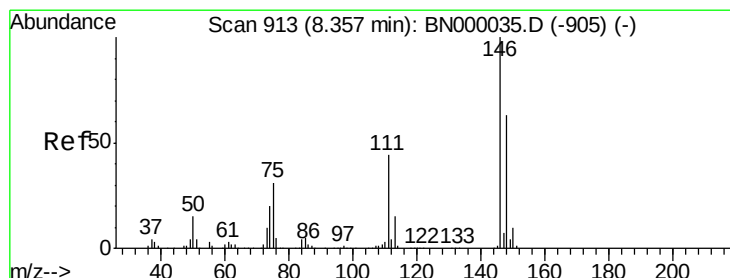
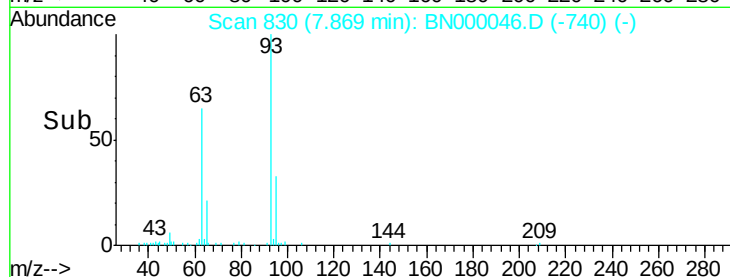
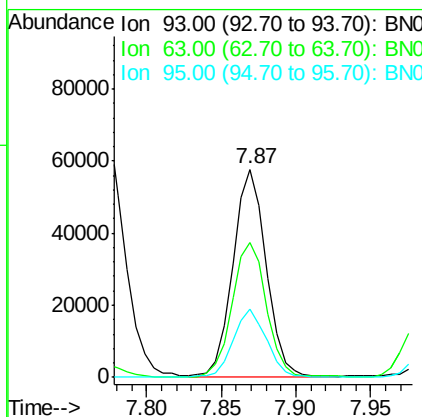
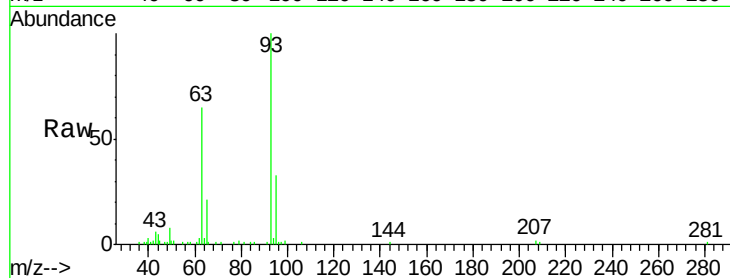
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 3.77 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

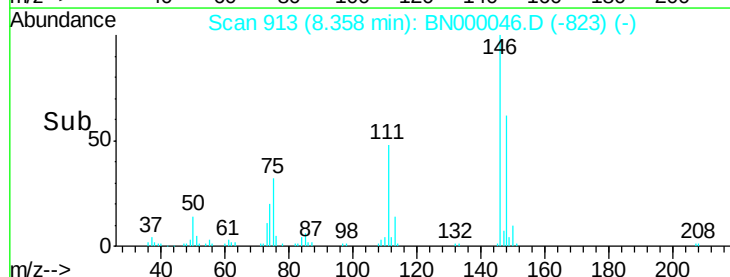
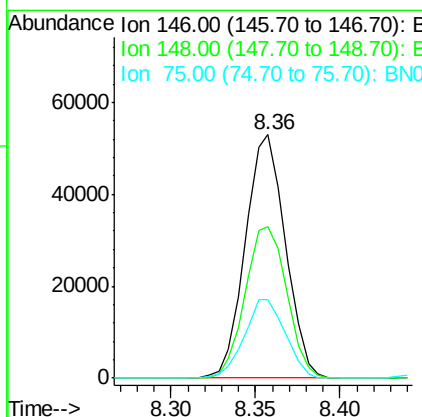
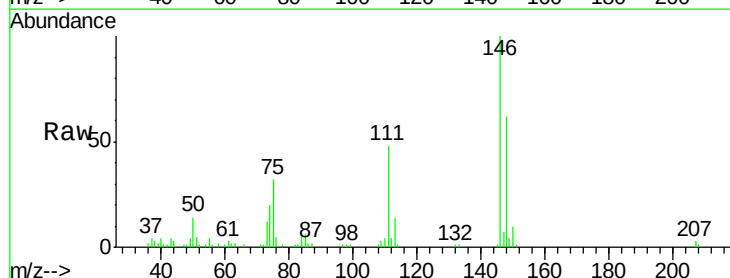
Instrument :
BNA_N
ClientSampled :

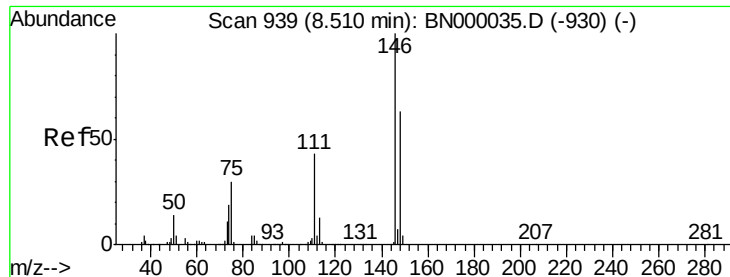
Tot Ion: 93 Resp: 90284
Ion Ratio Lower Upper
93 100
63 64.7 67.1 107.1#
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 3.60 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion: 146 Resp: 87209
Ion Ratio Lower Upper
146 100
148 62.3 51.4 77.2
75 32.2 26.6 39.8

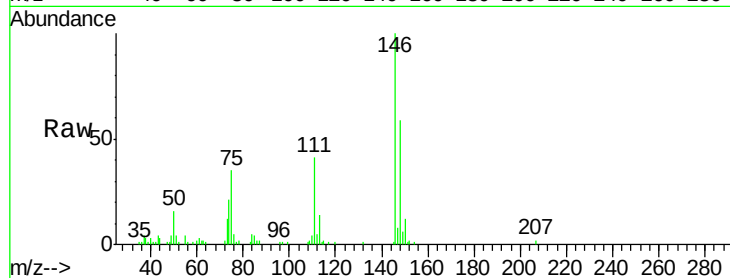




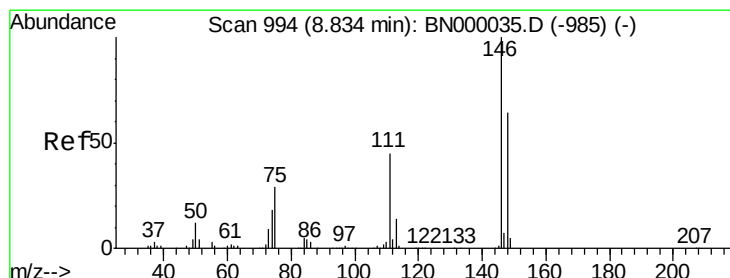
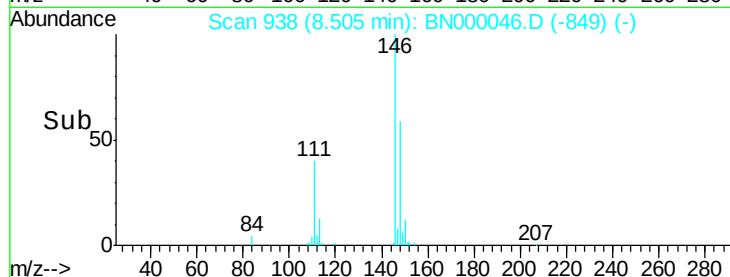
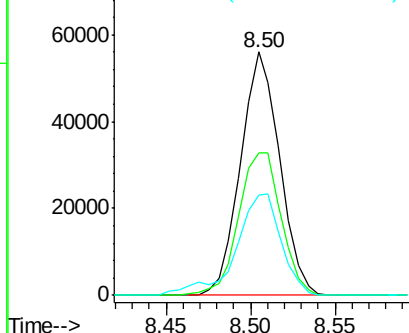
#13
 1,4-Dichlorobenzene
 Concen: 3.65 ng
 RT: 8.50 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:146 Resp: 90269
 Ion Ratio Lower Upper
 146 100
 148 58.8 53.7 80.5
 111 41.3 35.2 52.8

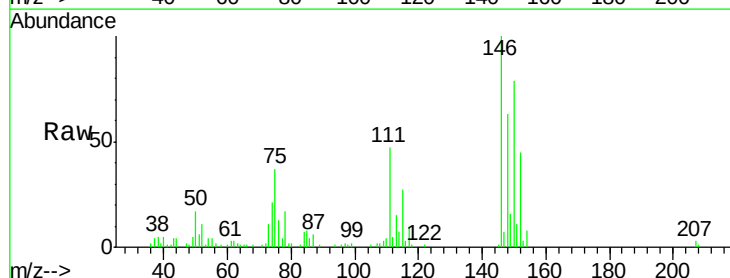


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

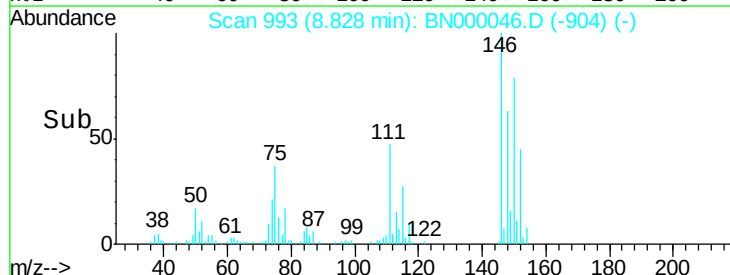
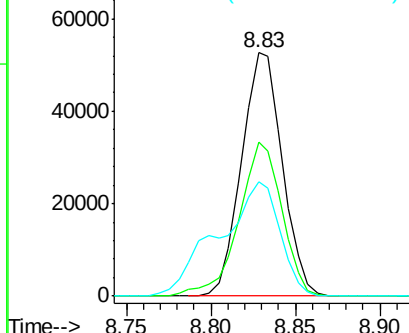


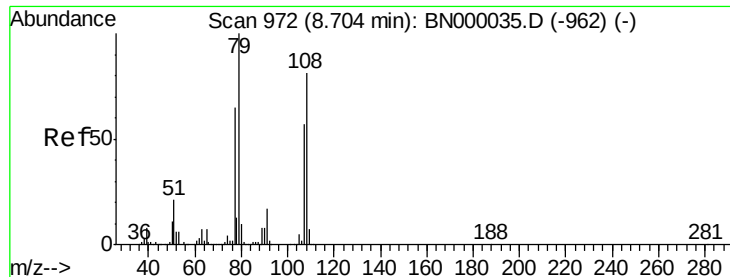
#14
 1,2-Dichlorobenzene
 Concen: 3.63 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion:146 Resp: 88407
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.3 73.9
 111 47.1 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: 3.37 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

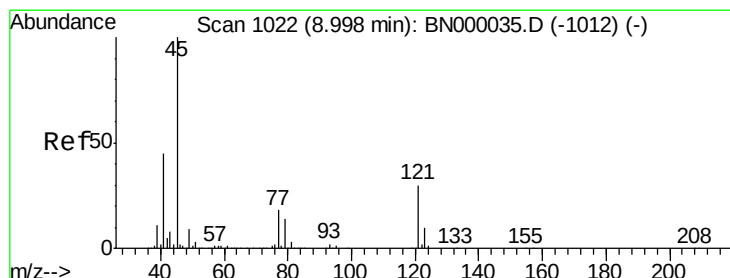
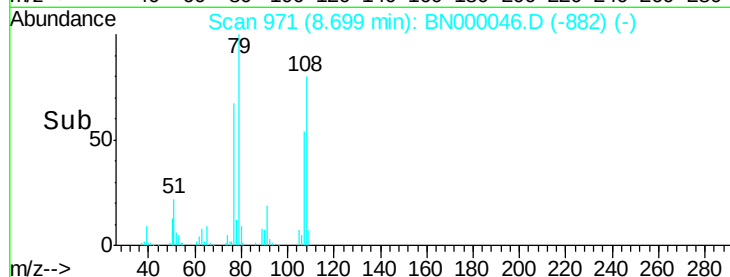
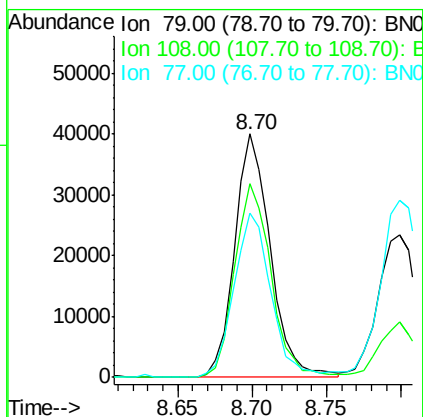
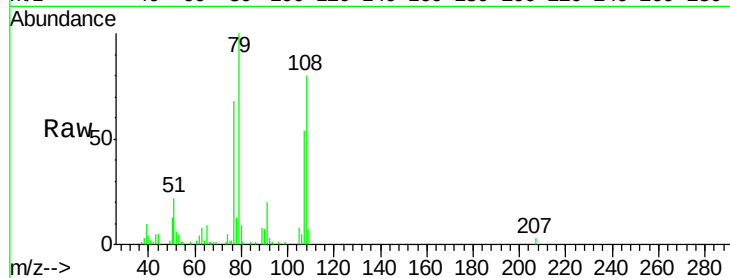
Tot Ion: 79 Resp: 66746

Ion Ratio Lower Upper

79 100

108 79.5 57.2 85.8

77 67.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.68 ng

RT: 9.00 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

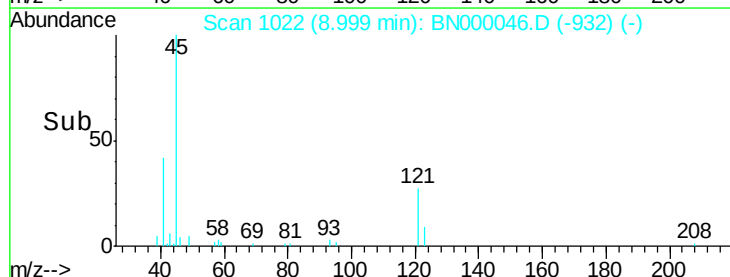
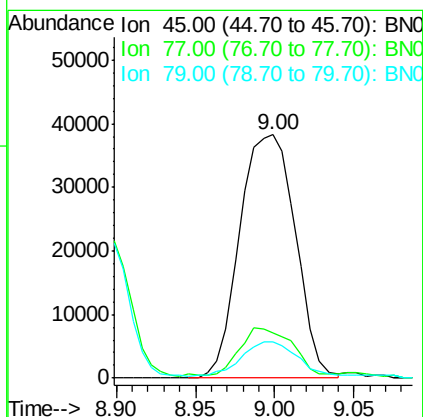
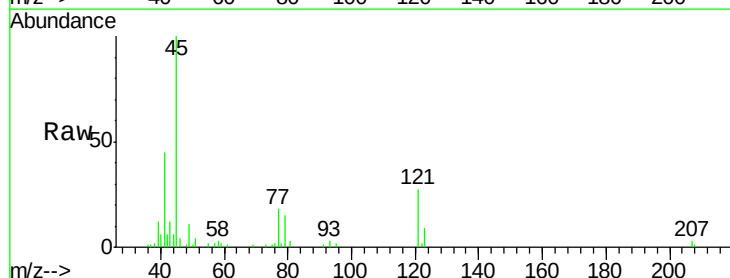
Tgt Ion: 45 Resp: 93183

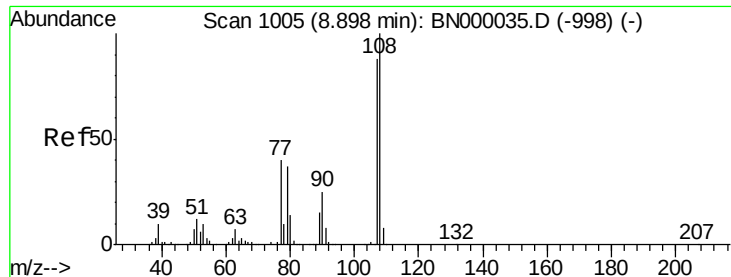
Ion Ratio Lower Upper

45 100

77 18.3 0.0 30.2

79 14.8 0.0 27.9





#17

2-Methylphenol

Concen: 3.80 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 78685

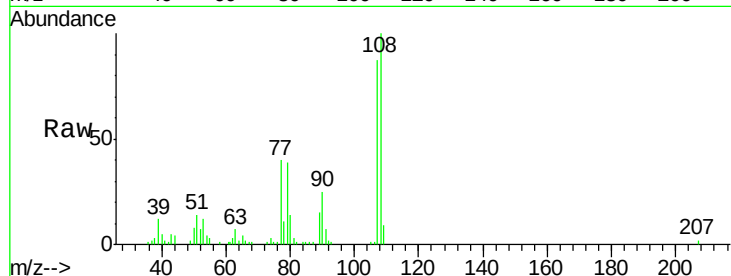
Ion Ratio Lower Upper

107 100

108 114.3 83.9 125.9

77 45.3 37.2 55.8

79 44.4 36.2 54.2

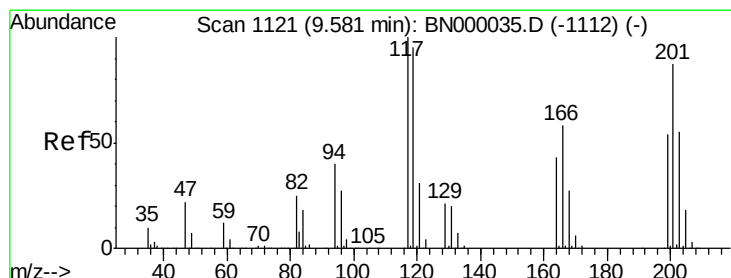
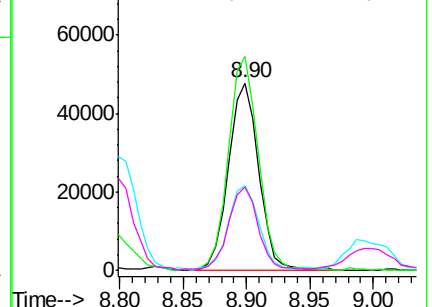
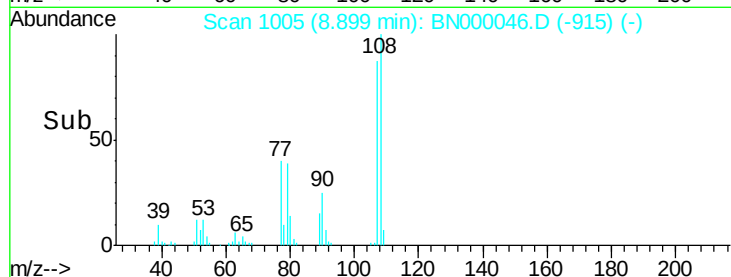


Abundance Ion 107.00 (106.70 to 107.70): E

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: 3.24 ng

RT: 9.58 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

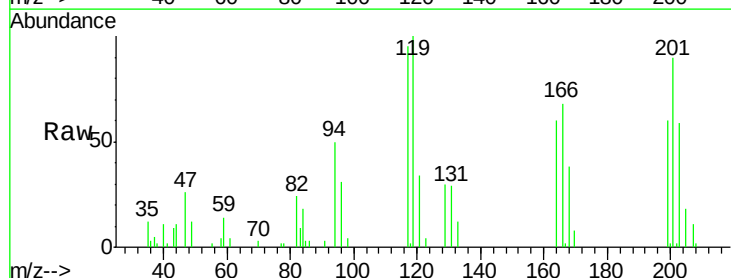
Tgt Ion:117 Resp: 27832

Ion Ratio Lower Upper

117 100

119 105.0 76.7 115.1

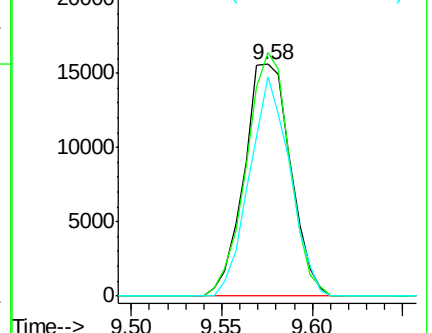
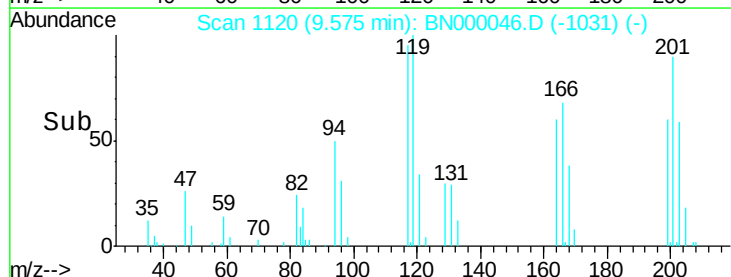
201 94.5 95.7 143.5#

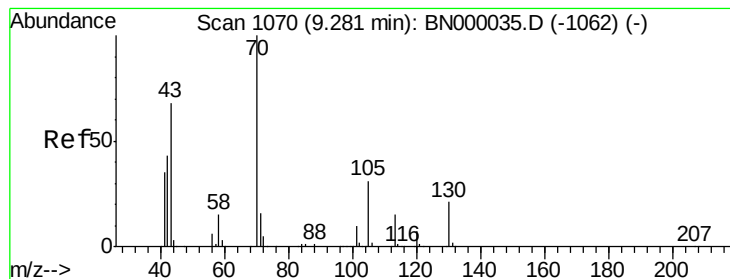


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.92 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 53936

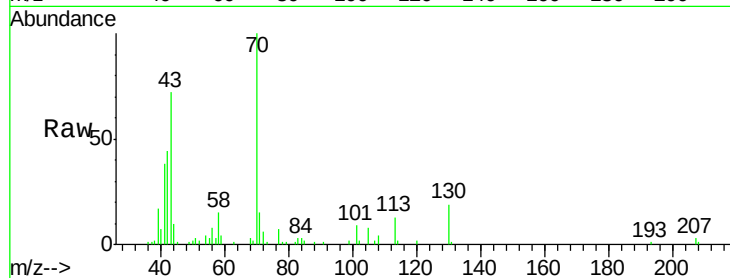
Ion Ratio Lower Upper

70 100

42 44.2 49.1 73.7#

101 9.1 8.5 12.7

130 19.1 13.4 20.0

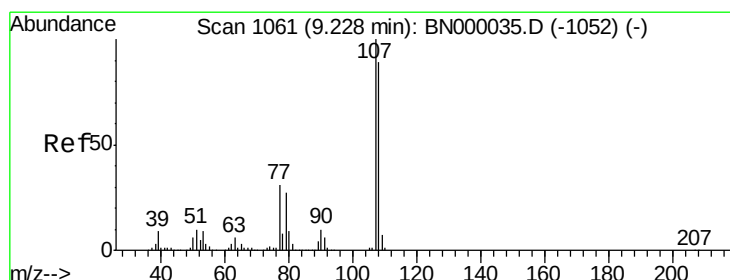
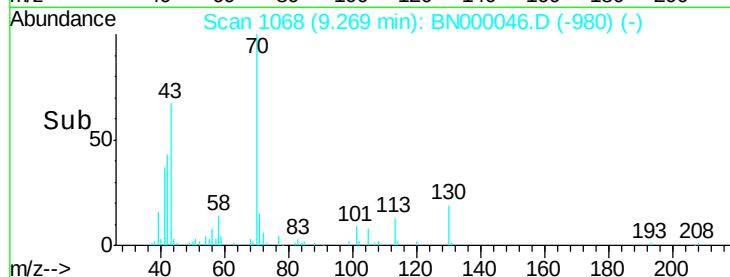
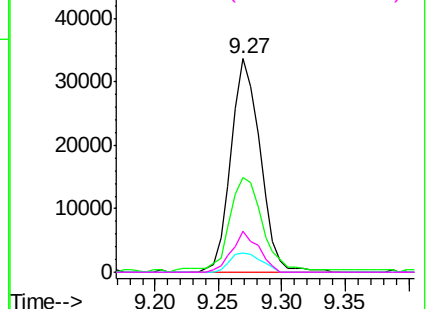


Abundance Ion 70.00 (69.70 to 70.70): BN000035.D (-1062) (-)

Ion 42.00 (41.70 to 42.70): BN000035.D (-1062) (-)

Ion 101.00 (100.70 to 101.70): BN000035.D (-1062) (-)

Ion 130.00 (129.70 to 130.70): BN000035.D (-1062) (-)



#20

3+4-Methylphenols

Concen: 3.53 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Tgt Ion: 107 Resp: 102300

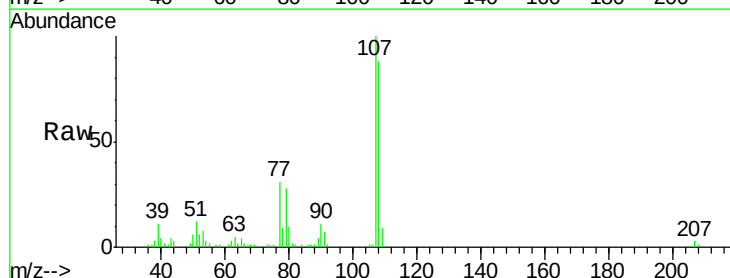
Ion Ratio Lower Upper

107 100

108 88.2 61.6 101.6

77 31.3 13.9 53.9

79 28.3 8.8 48.8

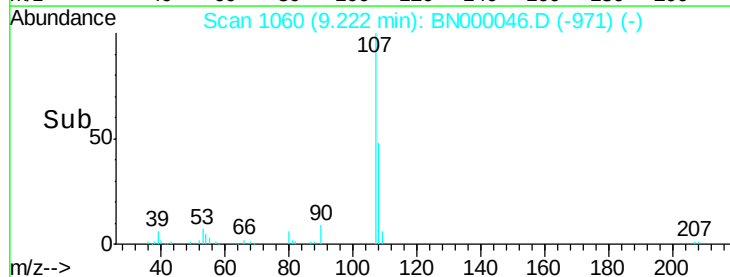
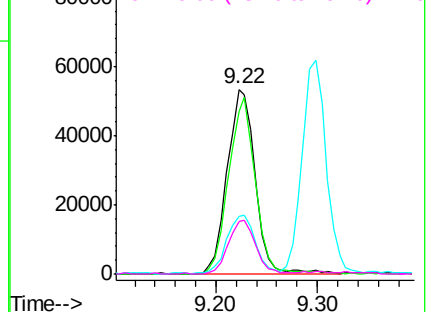


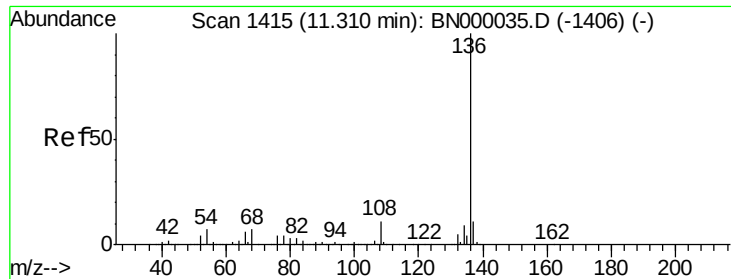
Abundance Ion 107.00 (106.70 to 107.70): BN000035.D (-1052) (-)

Ion 108.00 (107.70 to 108.70): BN000035.D (-1052) (-)

Ion 77.00 (76.70 to 77.70): BN000035.D (-1052) (-)

Ion 79.00 (78.70 to 79.70): BN000035.D (-1052) (-)

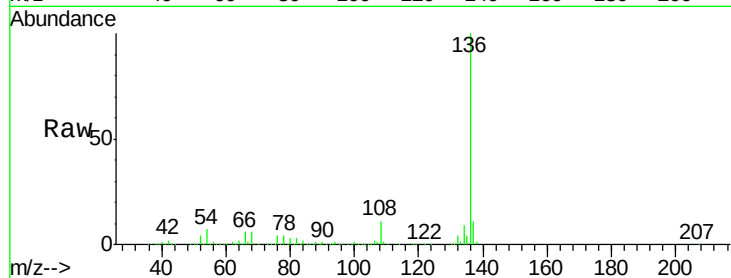




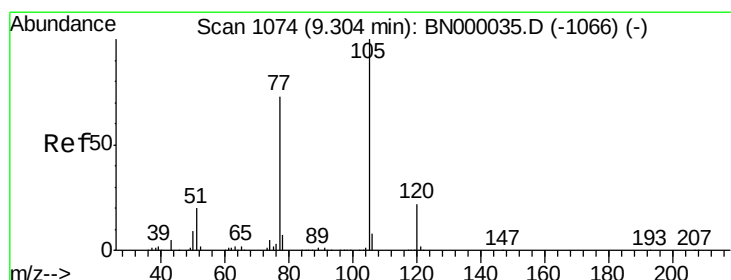
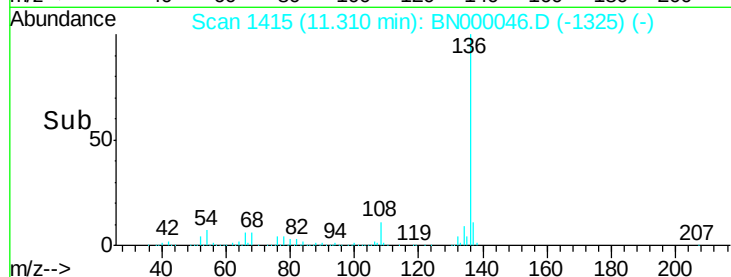
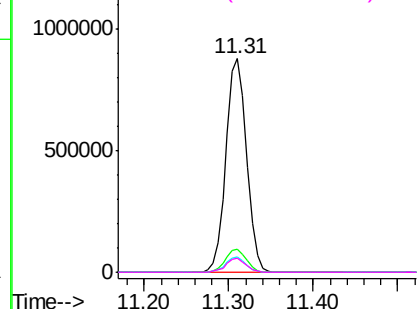
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp: 1483297
Ion Ratio	Lower Upper
136 100	
137 10.6	9.2 13.8
54 7.2	10.3 15.5#
68 6.4	4.5 6.7

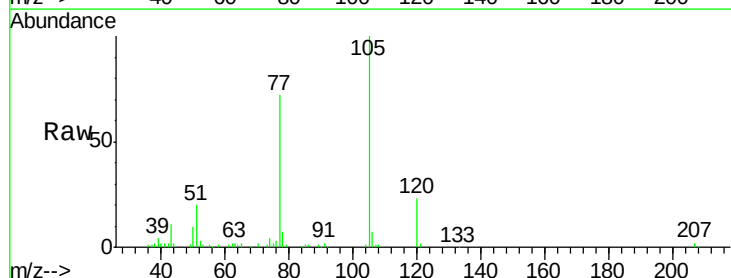


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

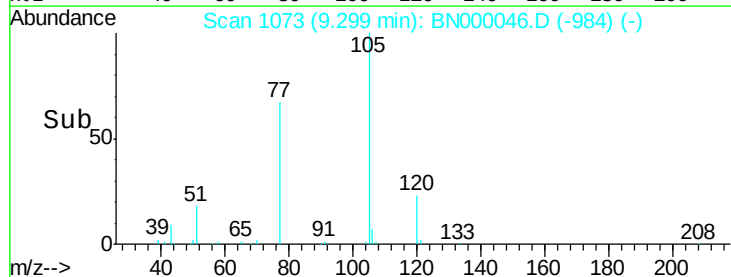
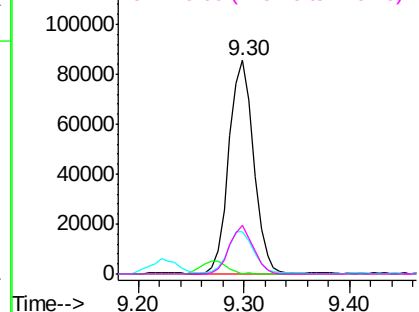


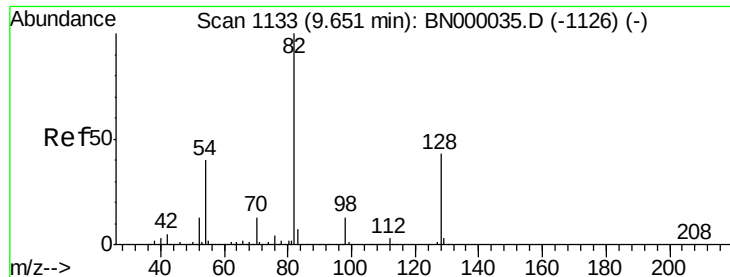
#22
Acetophenone
Concen: 3.37 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt	Ion:105	Resp:	140055
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	19.6	26.1	39.1#
120	22.8	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

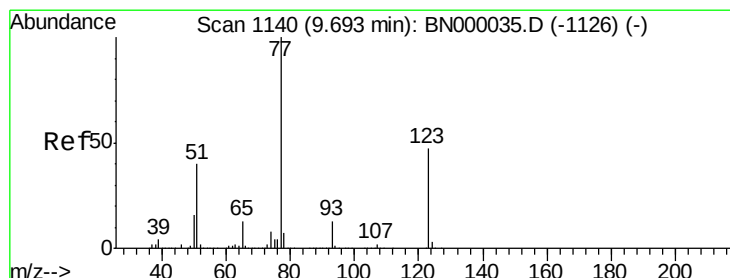
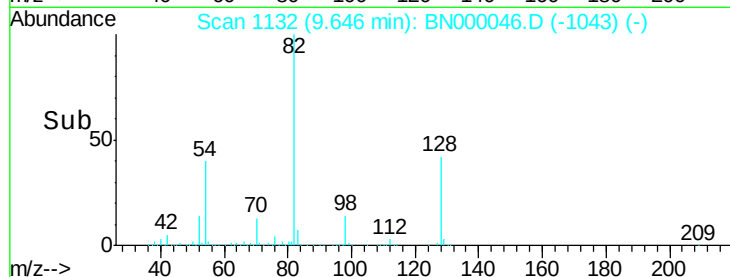
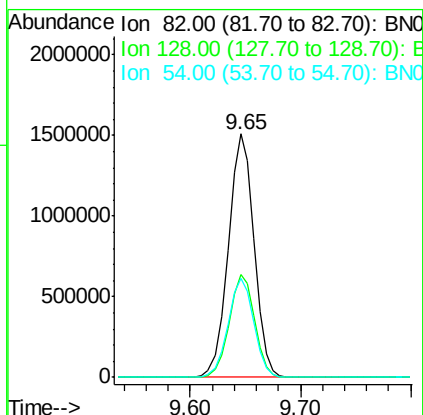
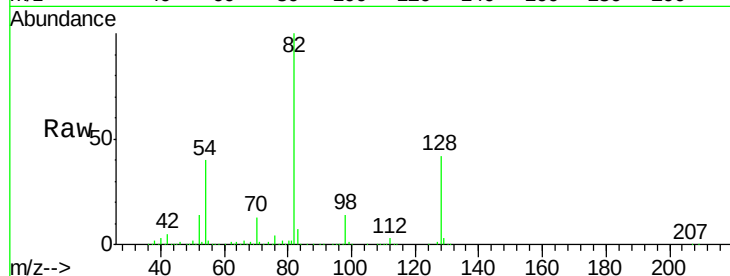




#23
 Nitrobenzene-d5
 Concen: 98.30 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

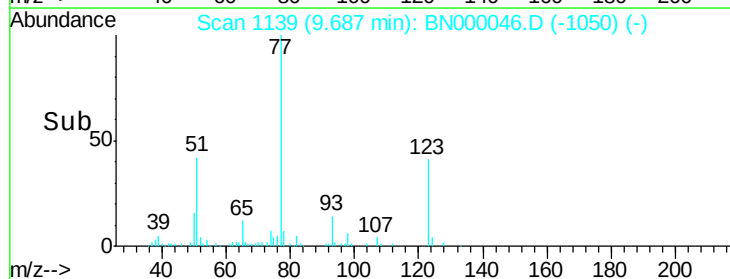
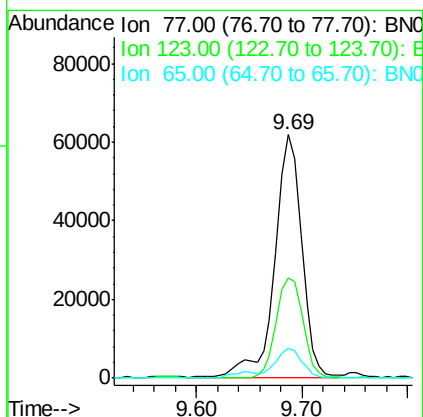
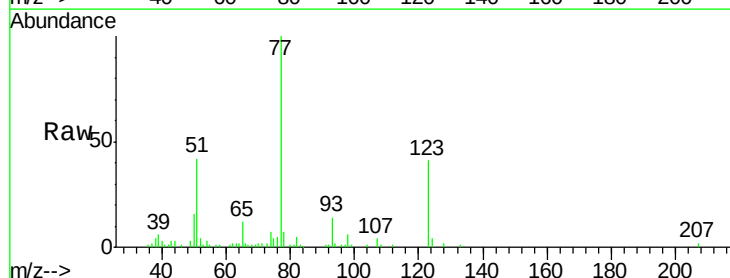
Instrument :
 BNA_N
 ClientSampleId :

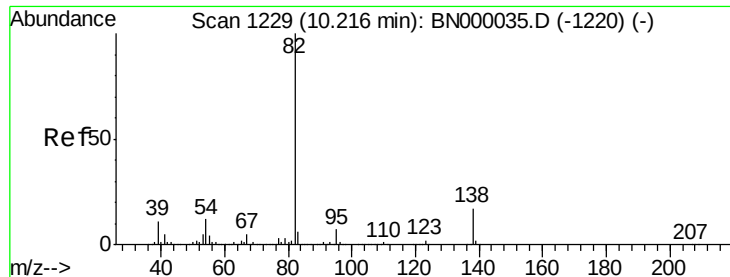
Tot Ion: 82 Resp: 2452405
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 40.4 43.1 64.7#



#24
 Nitrobenzene
 Concen: 4.06 ng
 RT: 9.69 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion: 77 Resp: 110689
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.6
 65 12.1 13.0 19.6#





#25

Isophorone

Concen: 3.06 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

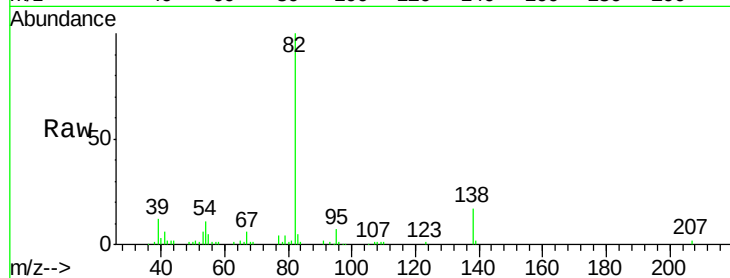
Tot Ion: 82 Resp: 157724

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

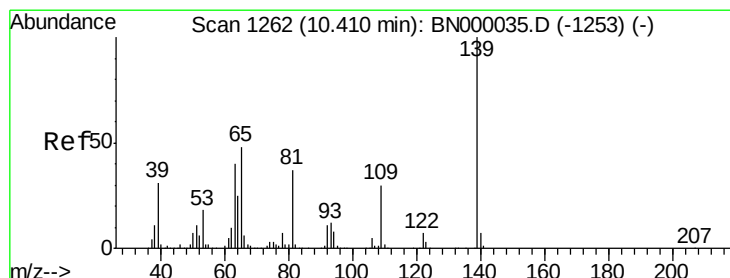
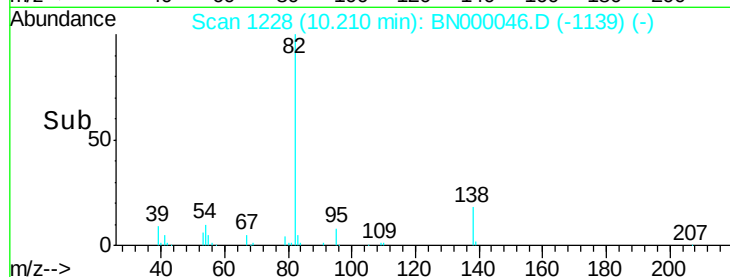
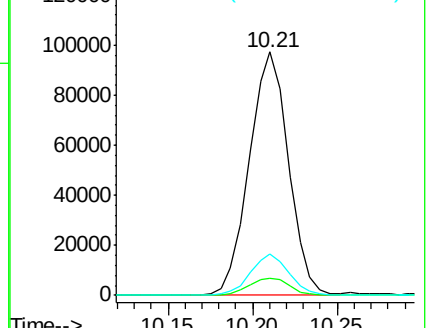
138 17.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000035.D (-1220) (-)

Ion 95.00 (94.70 to 95.70): BN000035.D (-1220) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1220) (-)



#26

2-Nitrophenol

Concen: 8.88 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

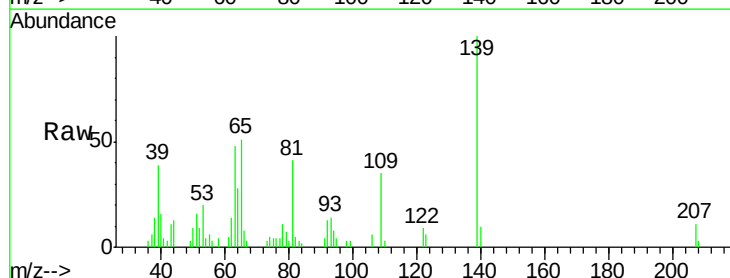
Tgt Ion: 139 Resp: 22231

Ion Ratio Lower Upper

139 100

109 35.2 24.2 36.2

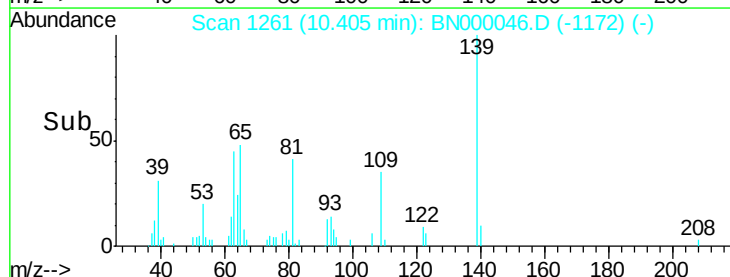
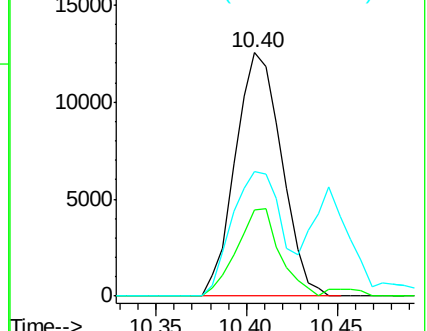
65 51.1 47.4 71.0

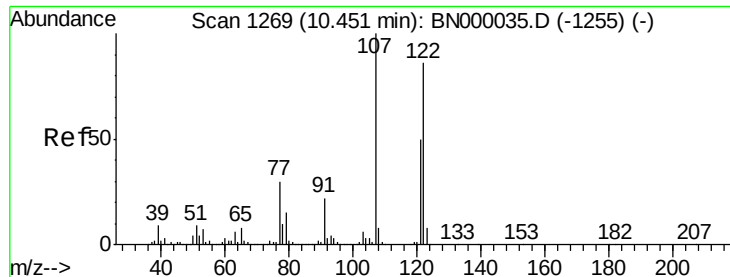


Abundance Ion 139.00 (138.70 to 139.70): BN000035.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000035.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000035.D (-1253) (-)

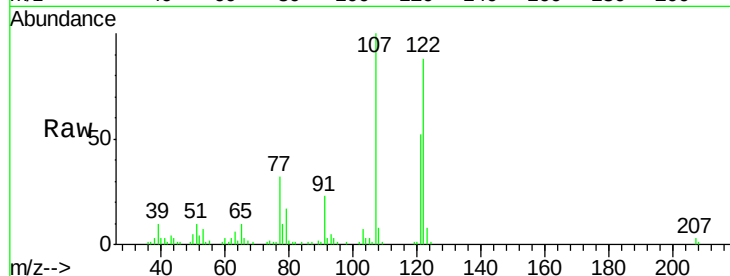




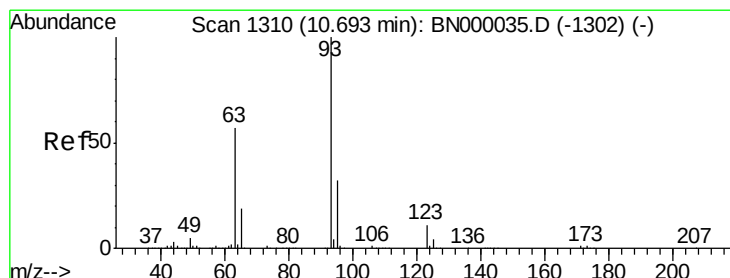
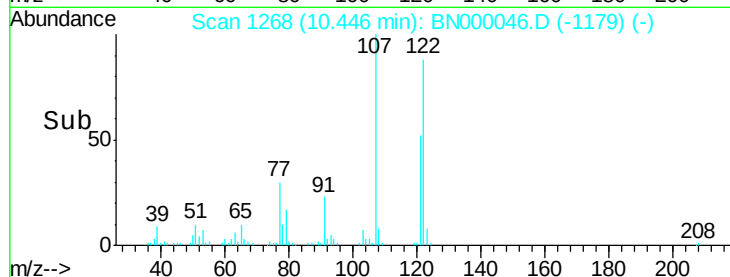
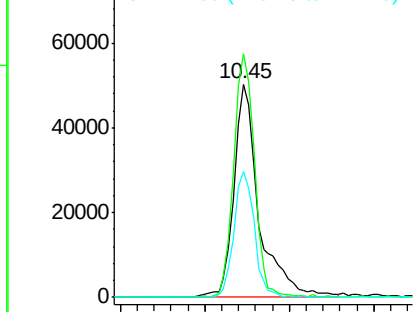
#27
2,4-Dimethylphenol
Concen: 4.60 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion	122	Resp	102809
Ion Ratio	Lower	Upper	
122	100		
107	114.0	100.2	150.2
121	58.9	44.4	66.6

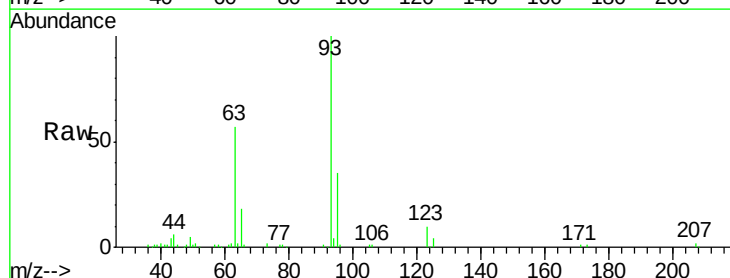


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

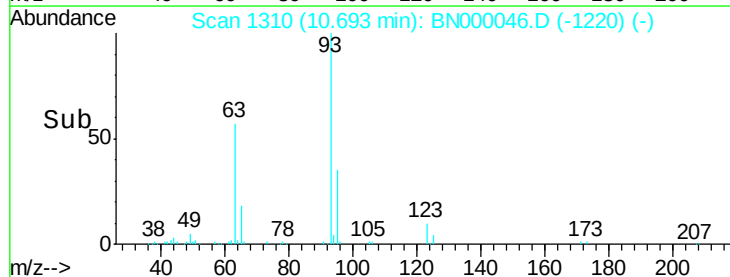
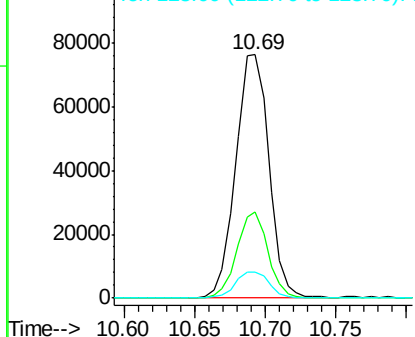


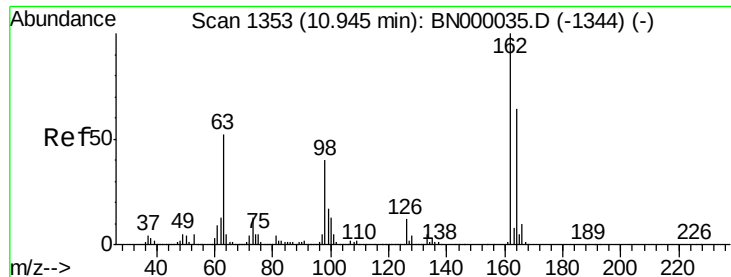
#28
bis(2-Chloroethoxy)methane
Concen: 3.81 ng
RT: 10.69 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion	93	Resp	126098
Ion Ratio	Lower	Upper	
93	100		
95	35.4	24.3	36.5
123	10.4	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: 3.24 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

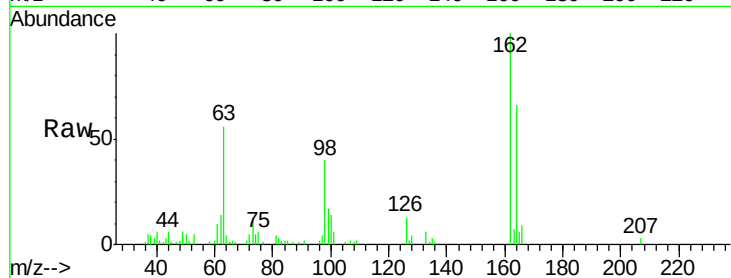
Tot Ion:162 Resp: 67023

Ion Ratio Lower Upper

162 100

164 66.1 48.0 88.0

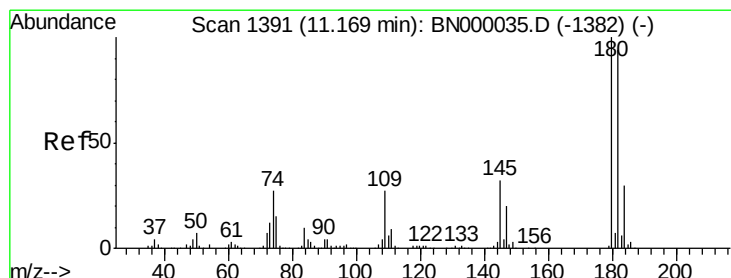
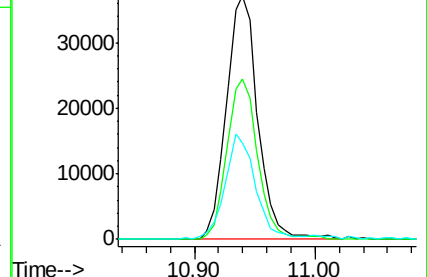
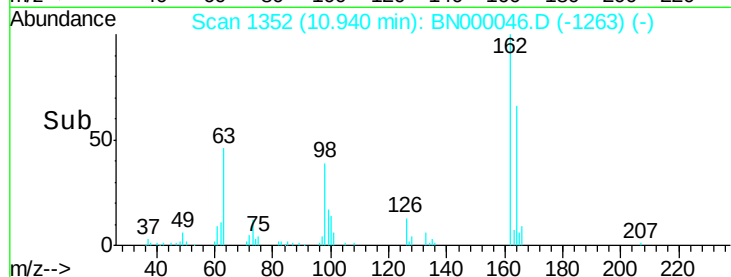
98 39.7 21.1 61.1



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: 3.57 ng

RT: 11.16 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

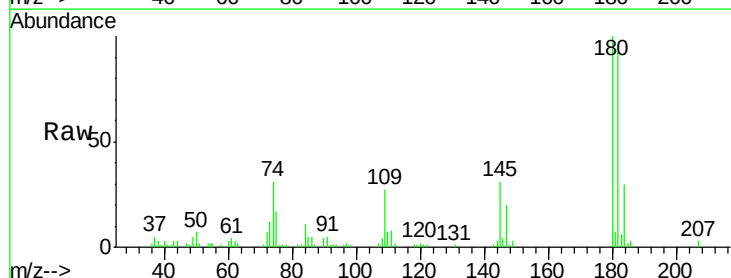
Tgt Ion:180 Resp: 85116

Ion Ratio Lower Upper

180 100

182 93.5 77.5 116.3

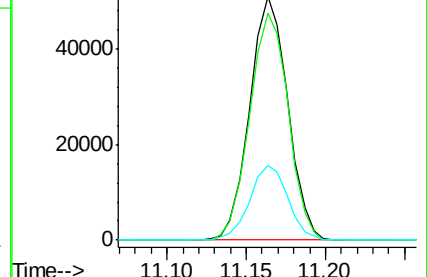
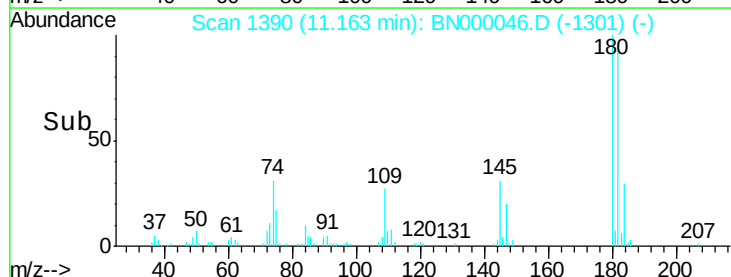
145 30.9 23.4 35.2

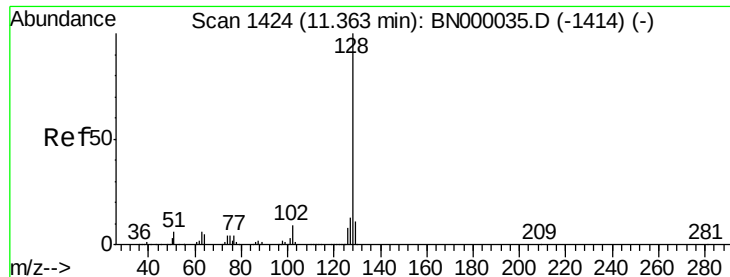


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

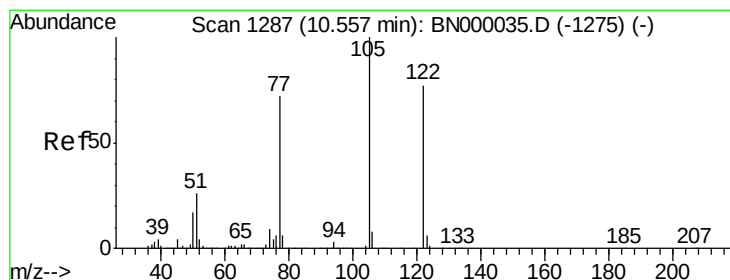
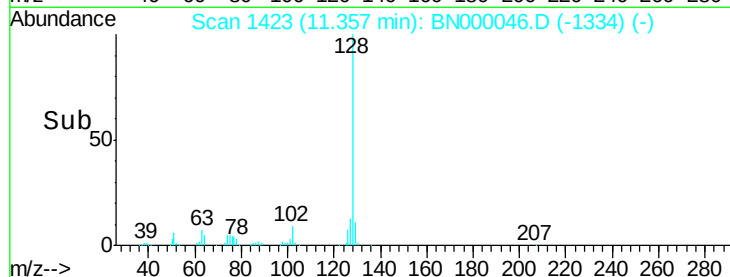
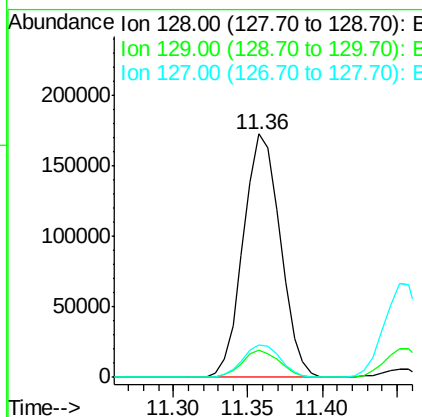
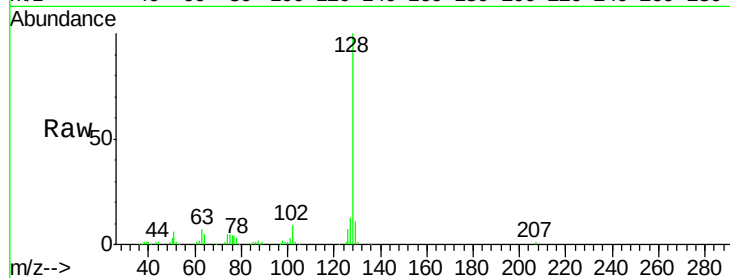




#31
Naphthalene
Concen: 3.66 ng
RT: 11.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

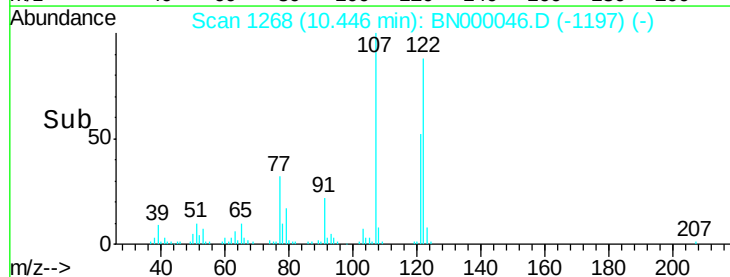
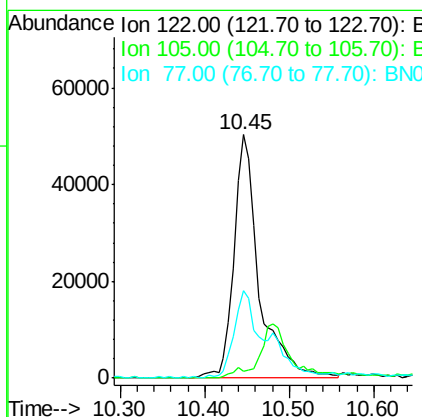
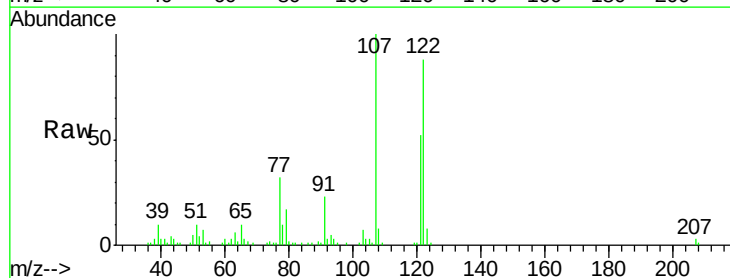
Instrument :
BNA_N
ClientSampleId :

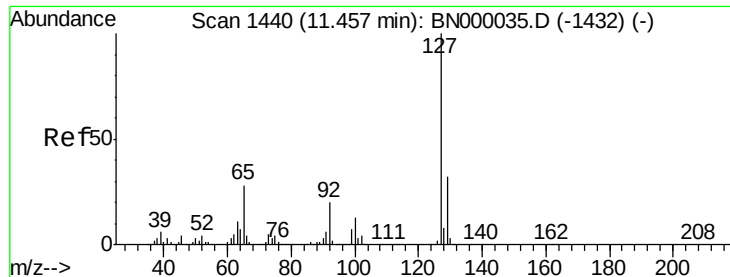
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.3	11.6	17.4



#32
Benzoic acid
Concen: 15.38 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	2.9	123.5	163.5#
77	36.1	85.7	125.7#

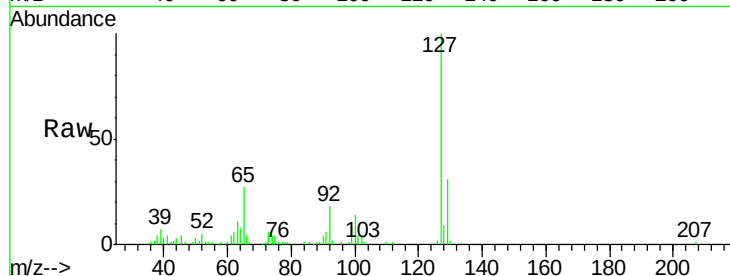




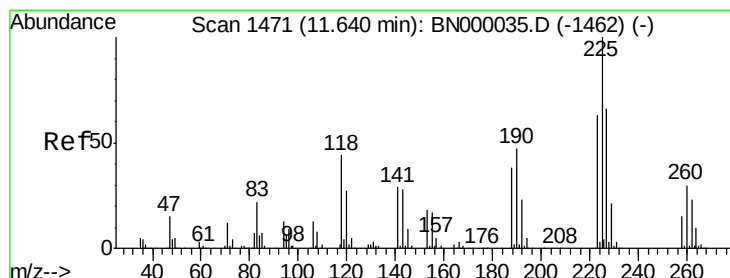
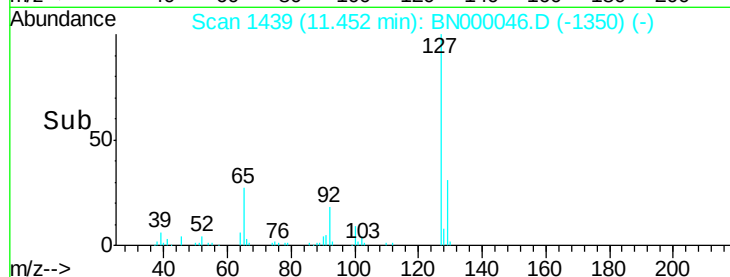
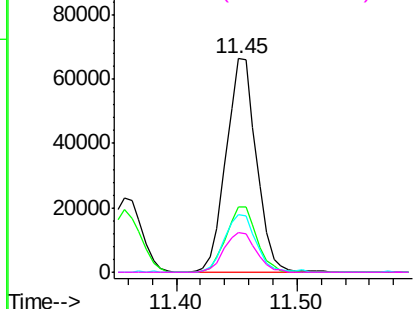
#33
4-Chloroaniline
Concen: 3.26 ng
RT: 11.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	116360
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	27.3	27.0	40.4
92	18.4	16.6	25.0

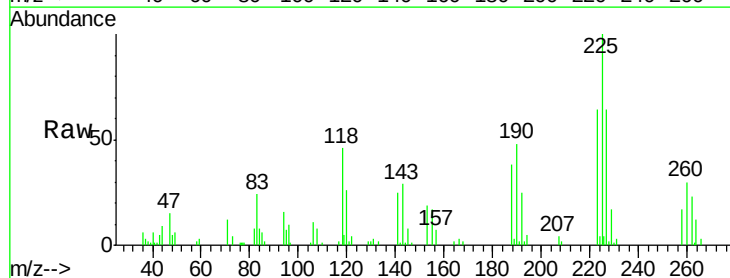


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

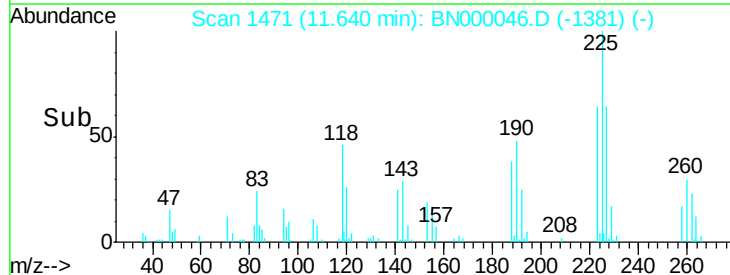
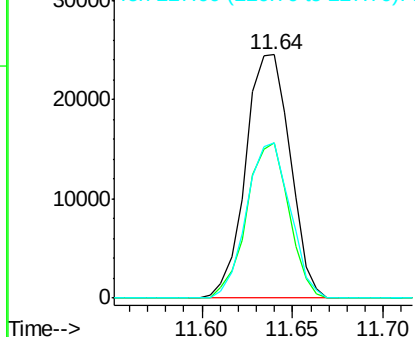


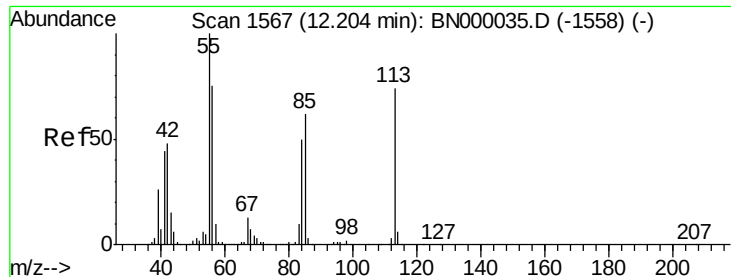
#34
Hexachlorobutadiene
Concen: 3.39 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:	225	Resp:	41938
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	65.6	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

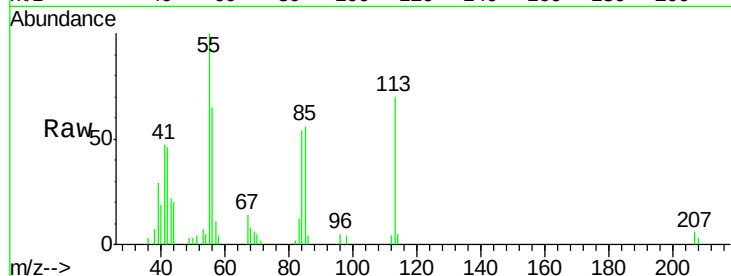




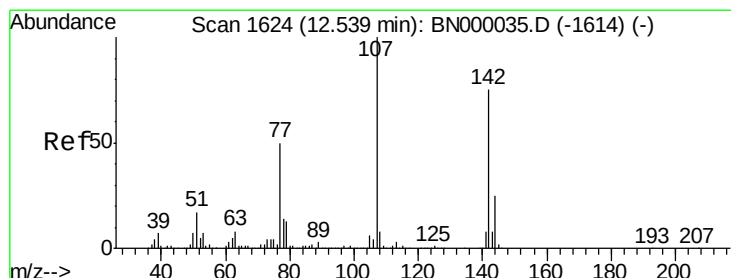
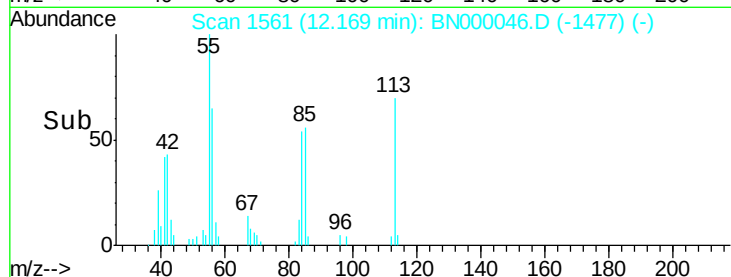
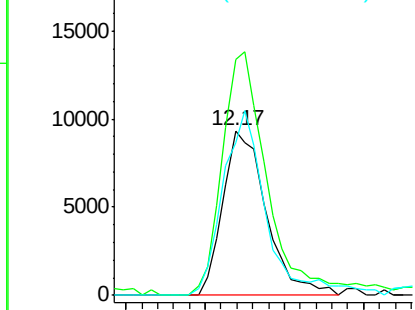
#35
 Caprolactam
 Concen: 5.82 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:113 Resp: 17778
 Ion Ratio Lower Upper
 113 100
 55 143.5 120.0 160.0
 56 92.7 90.0 130.0

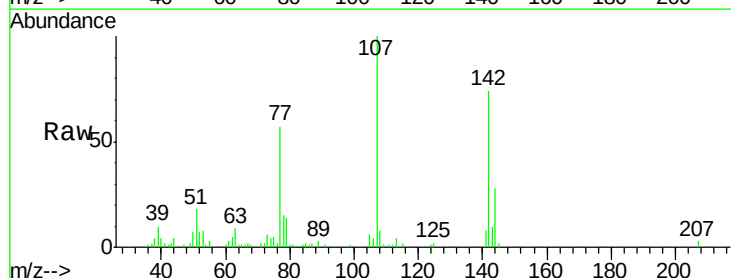


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

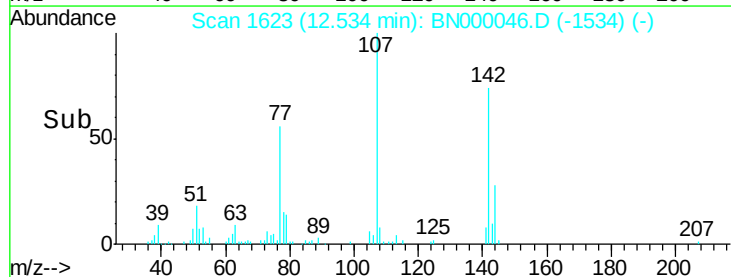
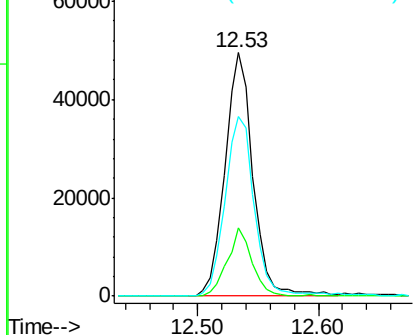


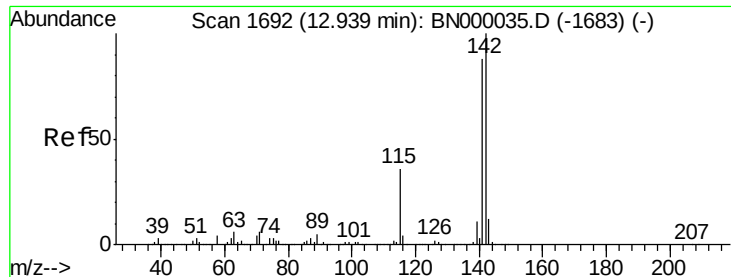
#36
 4-Chloro-3-methylphenol
 Concen: 3.03 ng
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion:107 Resp: 79637
 Ion Ratio Lower Upper
 107 100
 144 27.8 18.2 27.4#
 142 73.5 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

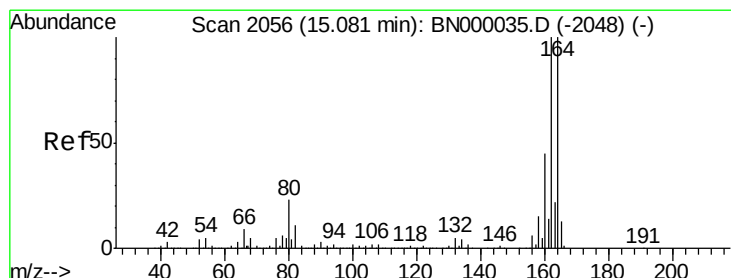
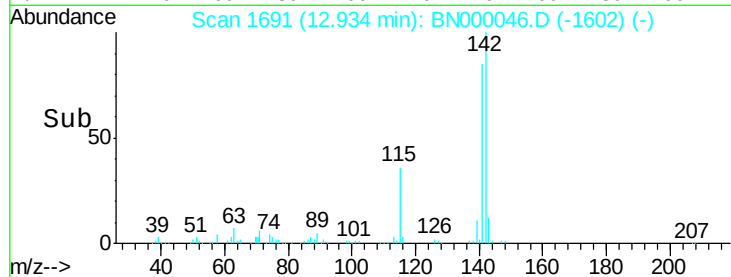
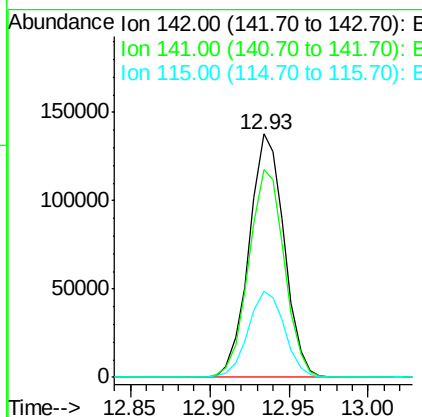
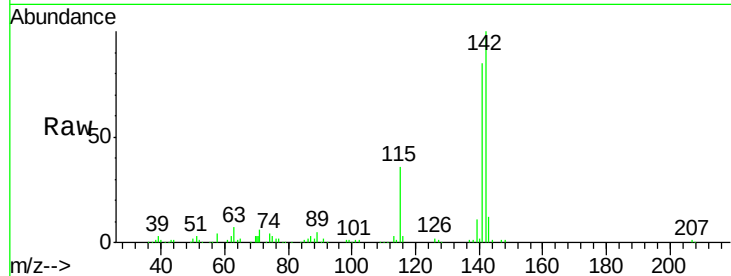




#37
2-Methylnaphthalene
Concen: 3.74 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

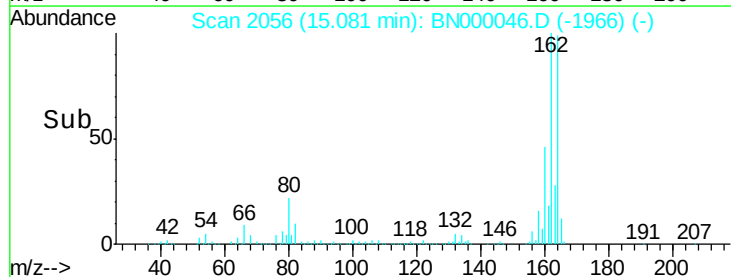
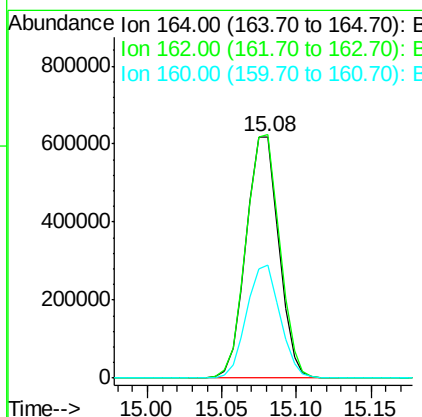
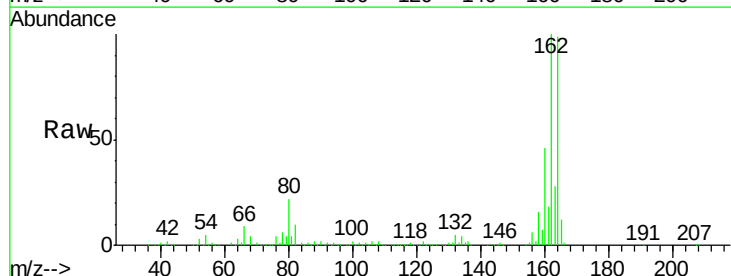
Instrument :
BNA_N
ClientSampleId :

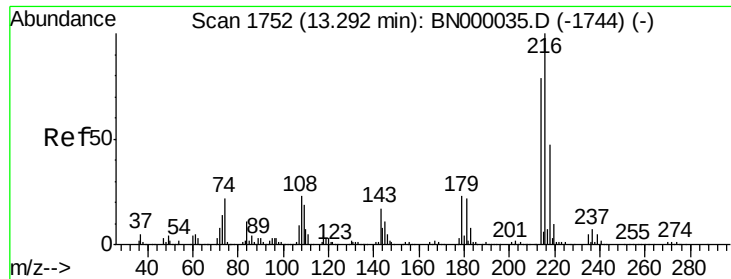
Tot Ion:142 Resp: 211737
Ion Ratio Lower Upper
142 100
141 85.1 67.1 100.7
115 35.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:164 Resp: 938927
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 46.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.42 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

Tot Ion:216 Resp: 94688

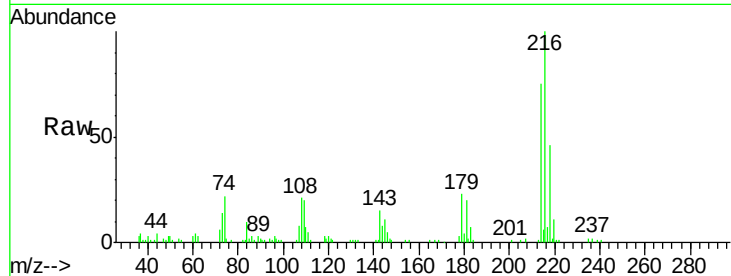
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.3 17.0 25.6

108 23.5 12.8 19.2#

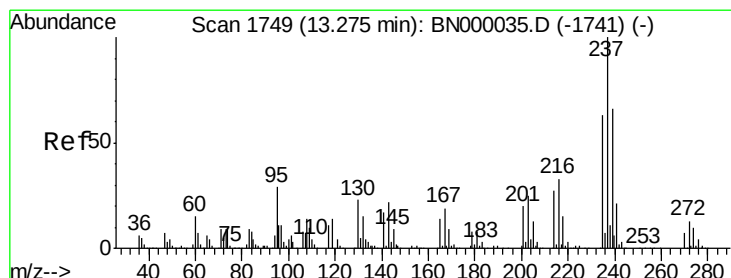
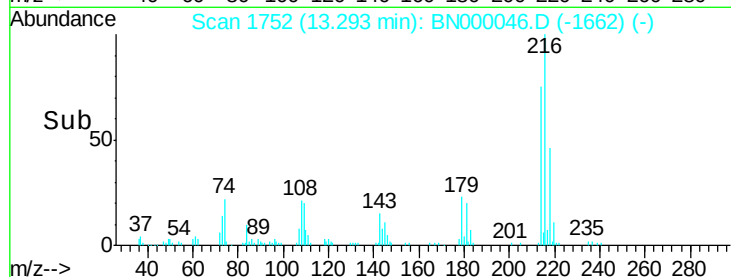
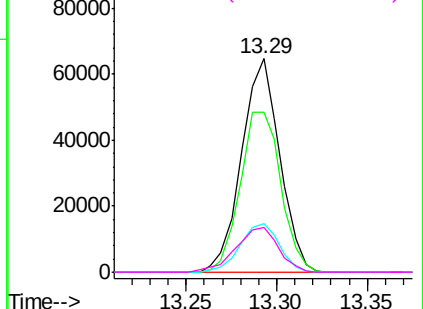


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.62 ng

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

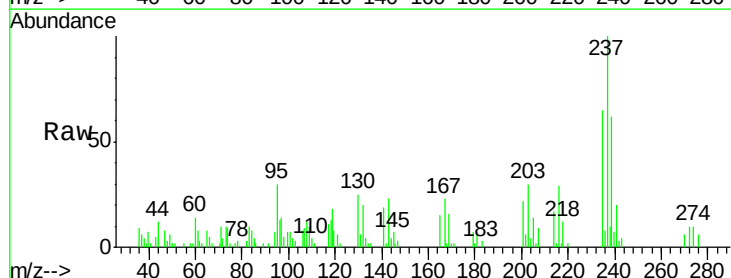
Tgt Ion:237 Resp: 30252

Ion Ratio Lower Upper

237 100

235 64.6 50.4 90.4

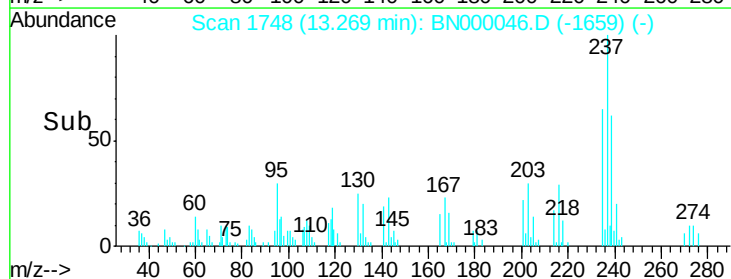
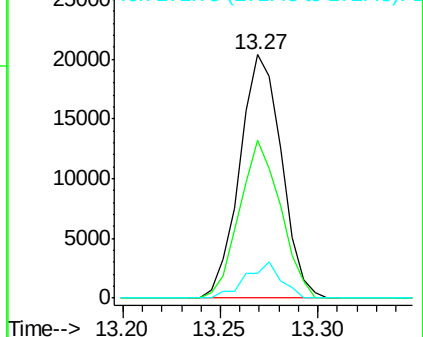
272 10.4 0.0 31.8

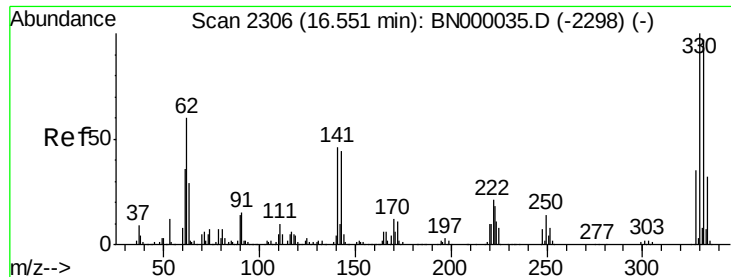


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 155.35 ng

RT: 16.55 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

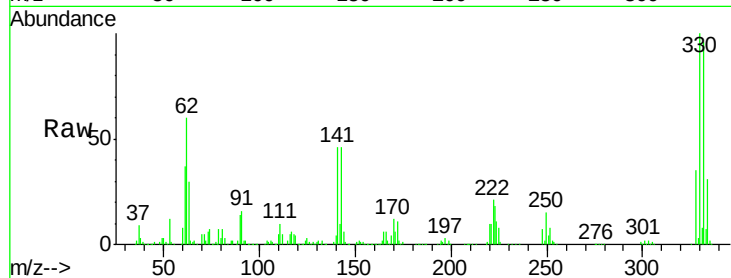
Tot Ion:330 Resp: 1443803

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

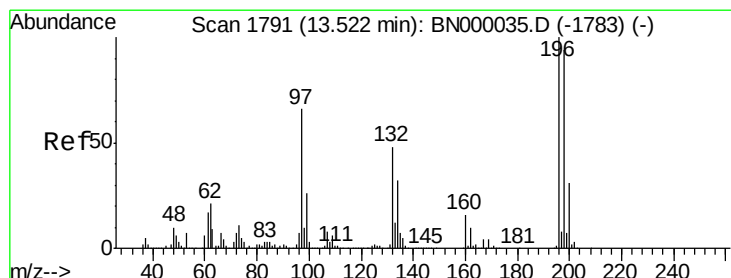
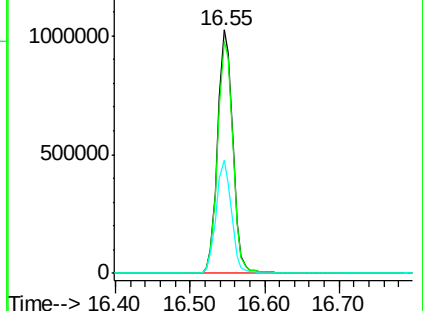
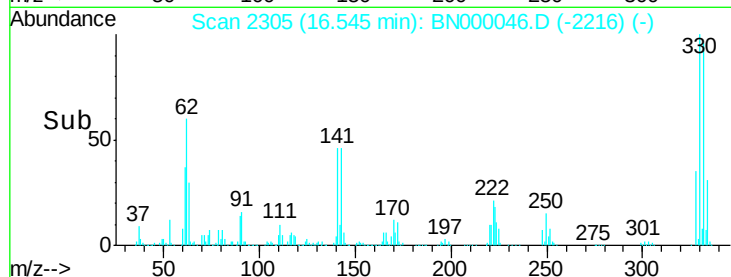
141 47.0 25.2 37.8#



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: 2.54 ng

RT: 13.52 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

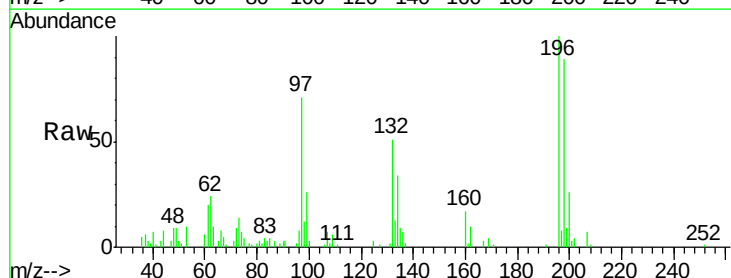
Tgt Ion:196 Resp: 42169

Ion Ratio Lower Upper

196 100

198 89.1 78.2 117.2

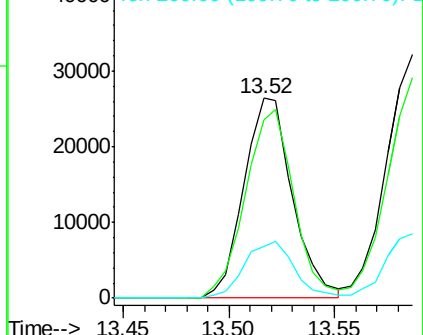
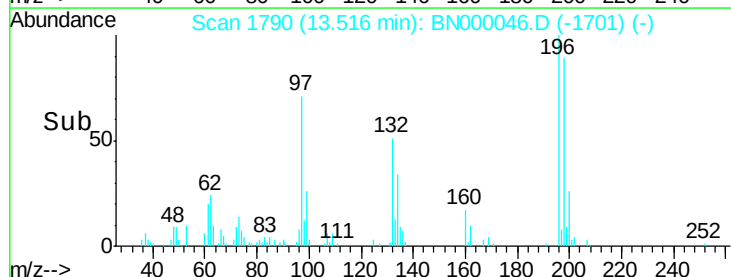
200 25.8 24.6 36.8

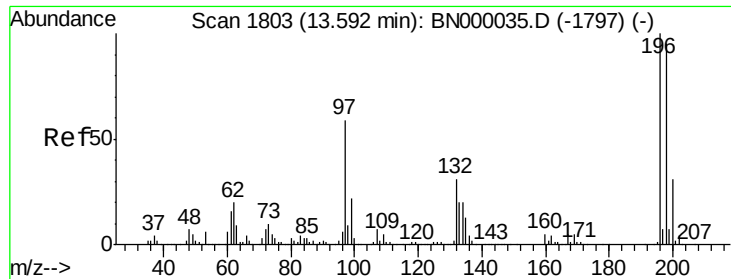


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

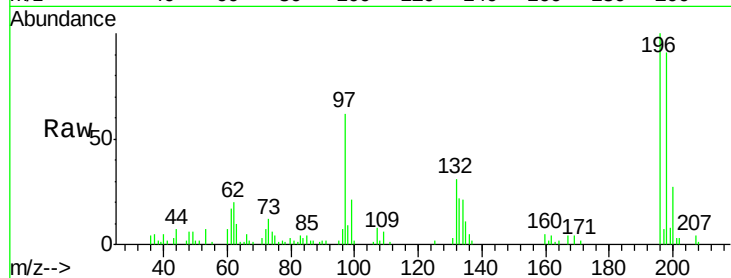




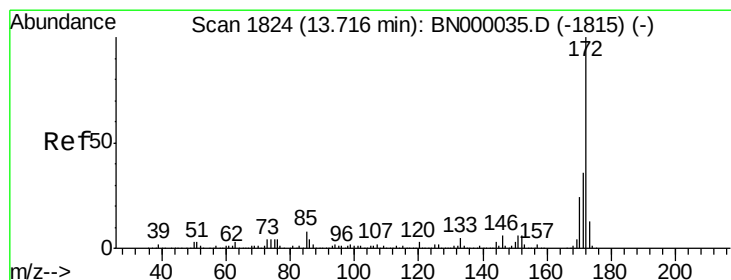
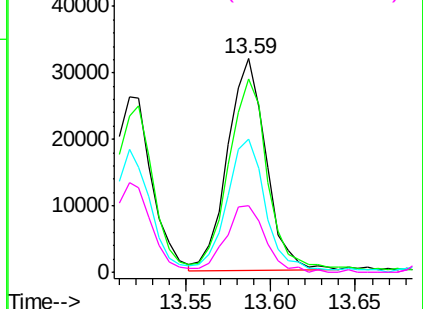
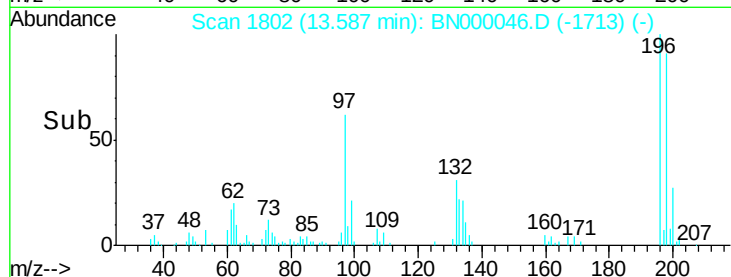
#43
2,4,5-Trichlorophenol
Concen: 2.53 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:196 Resp: 50444
Ion Ratio Lower Upper
196 100
198 90.7 76.2 114.4
97 62.2 38.7 58.1#
132 31.4 20.2 30.2#

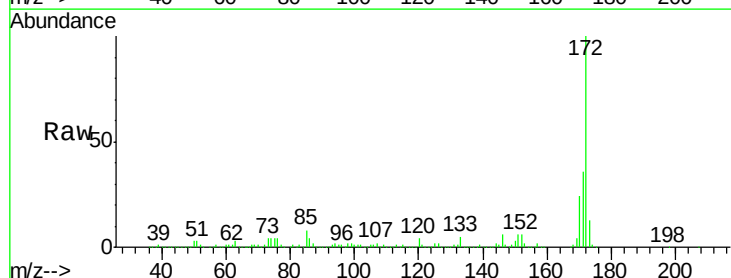


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

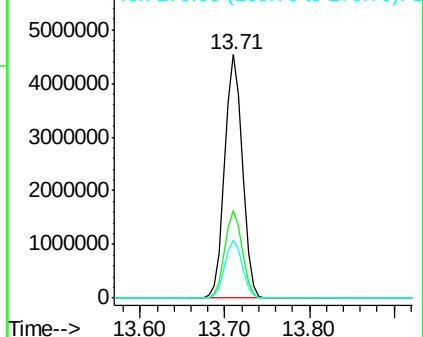
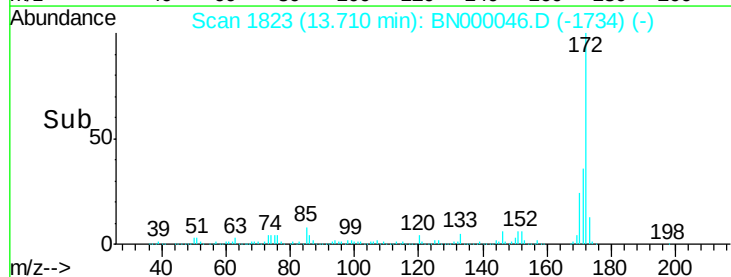


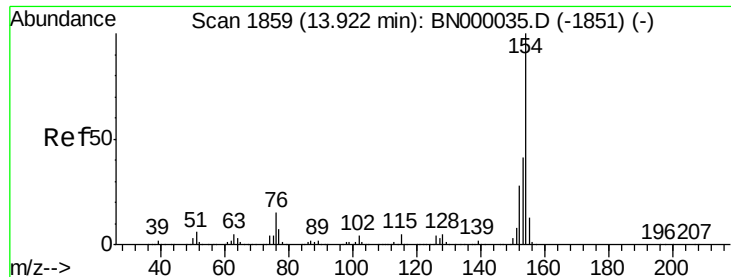
#44
2-Fluorobiphenyl
Concen: 98.05 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:172 Resp: 6532132
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 23.9 19.5 29.3



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

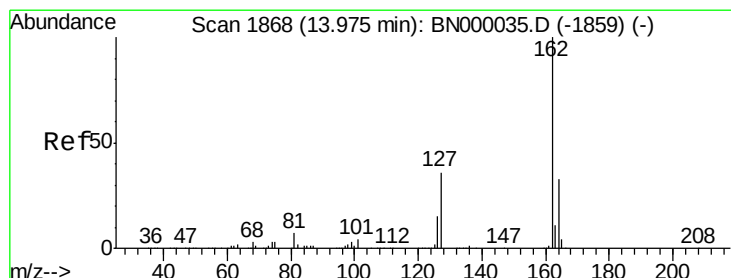
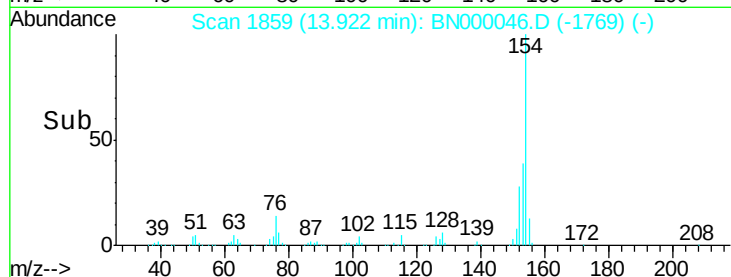
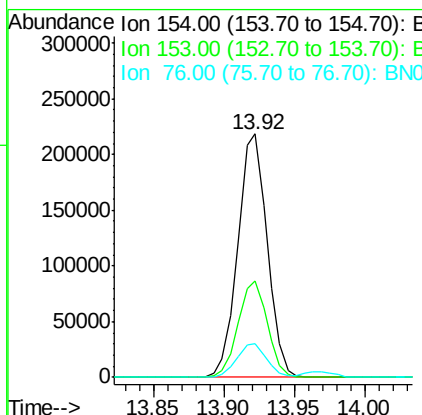
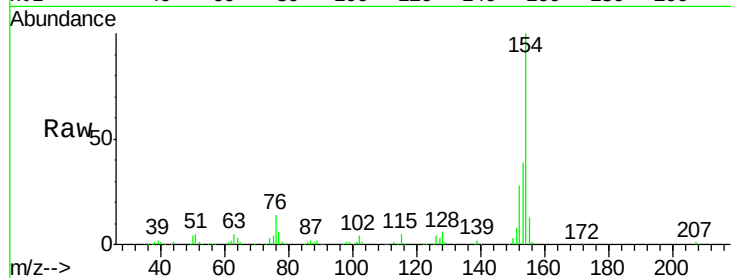




#45
 1,1'-Biphenyl
 Concen: 3.84 ng
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

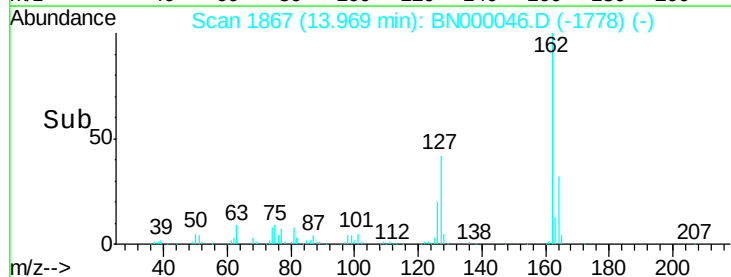
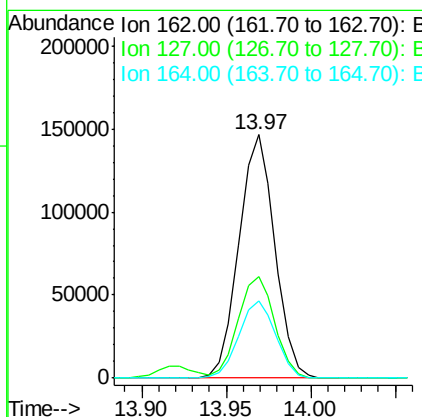
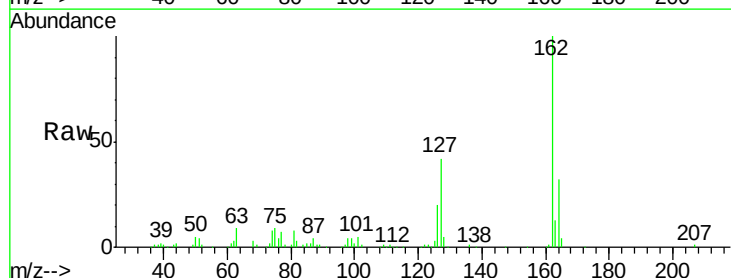
Instrument :
 BNA_N
 ClientSampled :

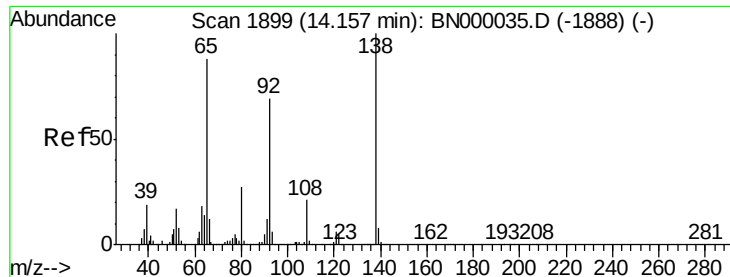
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.8	59.8
76	13.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 3.49 ng
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	31.5	26.0	39.0

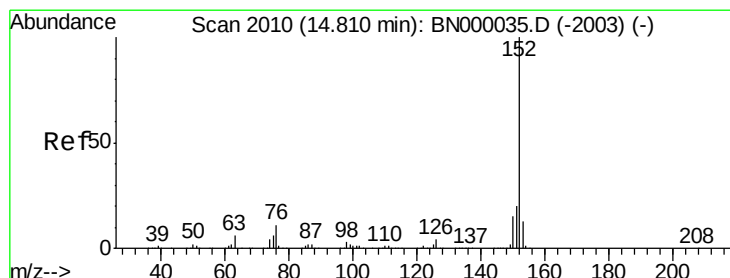
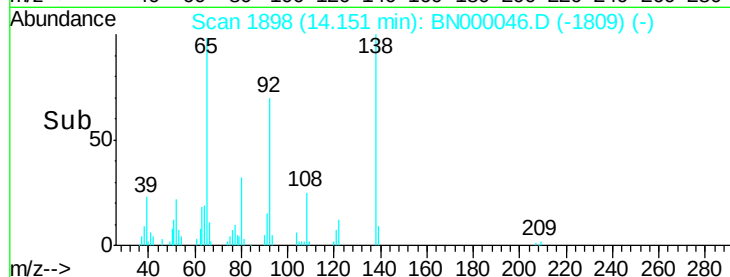
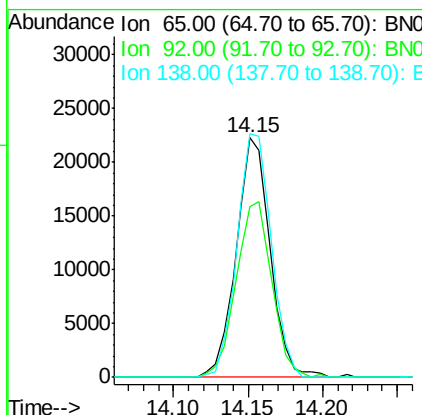
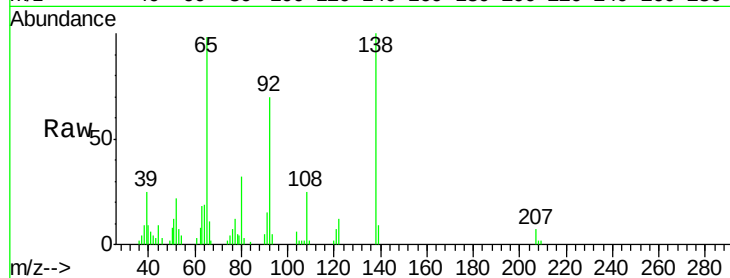




#47
2-Nitroaniline
Concen: 6.61 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

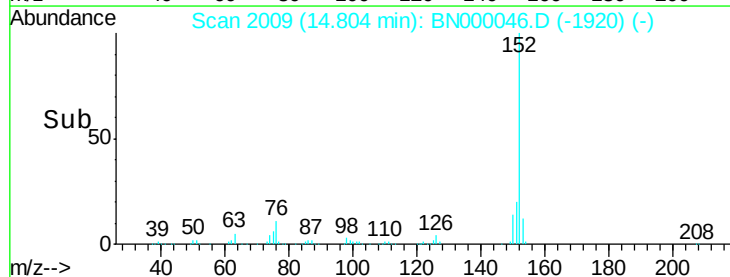
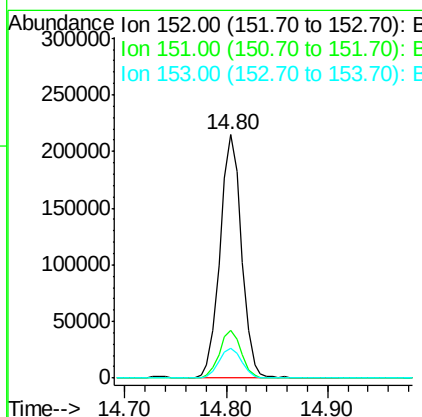
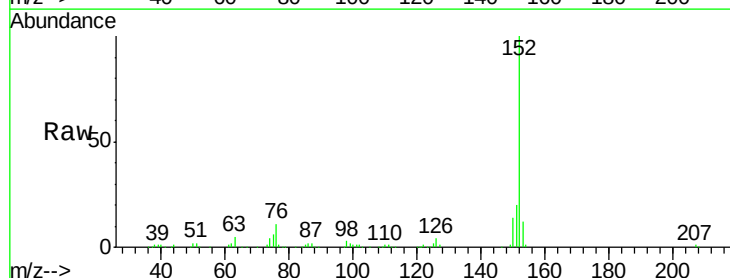
Instrument :
BNA_N
ClientSampleId :

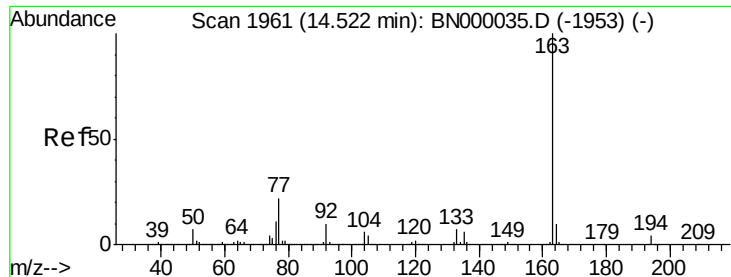
Tot Ion: 65 Resp: 35115
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 101.7 72.9 109.3



#48
Acenaphthylene
Concen: 3.18 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion: 152 Resp: 318284
Ion Ratio Lower Upper
152 100
151 19.5 17.2 25.8
153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 3.36 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

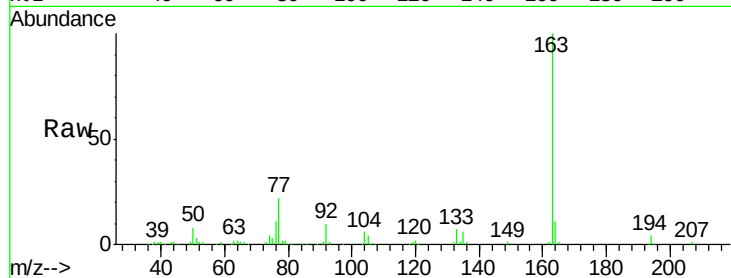
Tot Ion:163 Resp: 263938

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

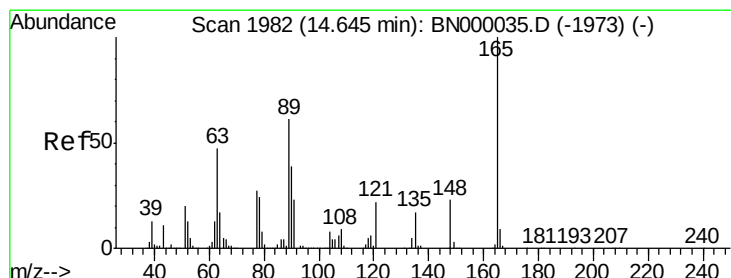
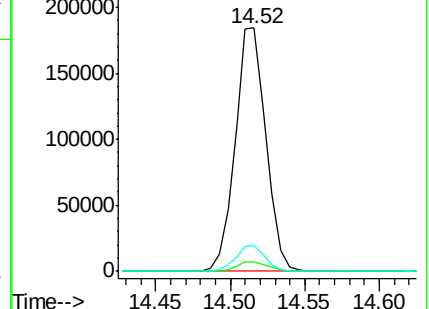
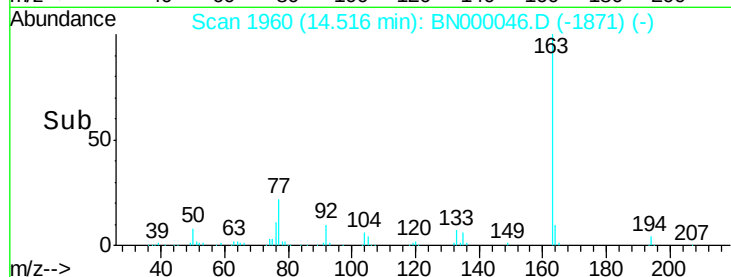
164 10.8 8.2 12.4



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: 2.22 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

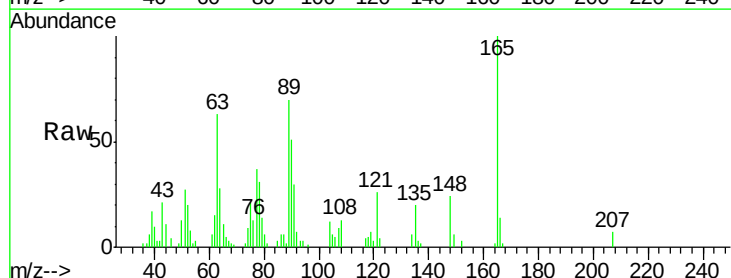
Tgt Ion:165 Resp: 35943

Ion Ratio Lower Upper

165 100

63 63.3 52.7 79.1

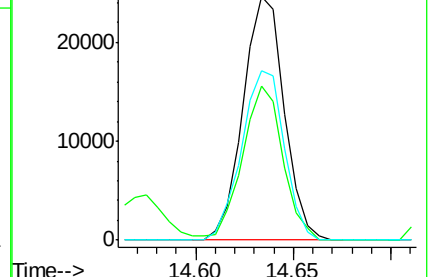
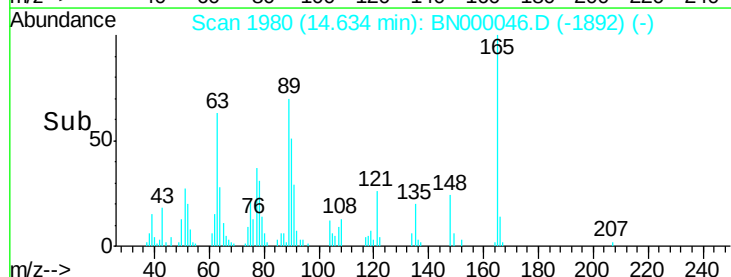
89 69.6 49.2 73.8

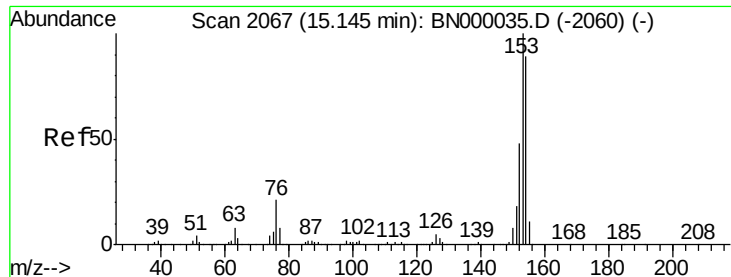


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 3.47 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

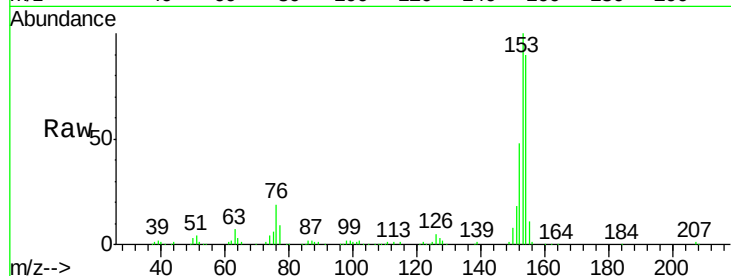
Tot Ion:154 Resp: 225519

Ion Ratio Lower Upper

154 100

153 110.8 90.4 135.6

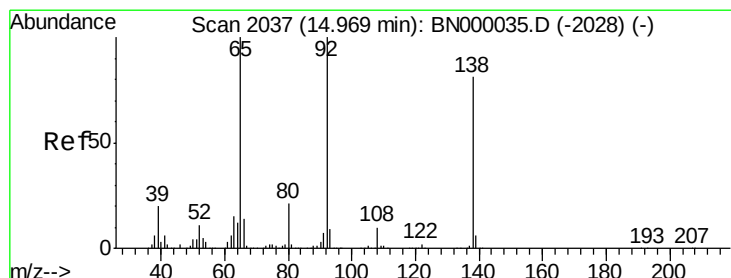
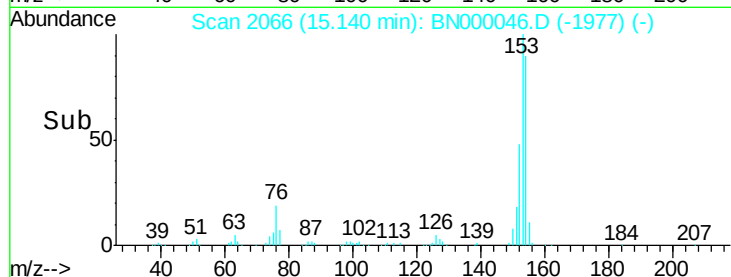
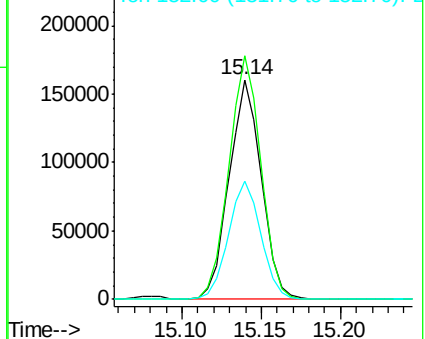
152 53.5 41.6 62.4



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: 2.24 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

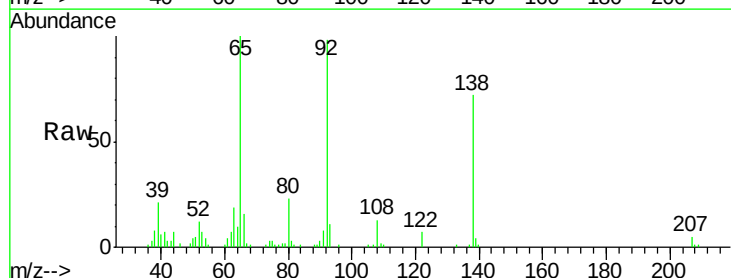
Tgt Ion:138 Resp: 44189

Ion Ratio Lower Upper

138 100

108 17.3 17.5 26.3#

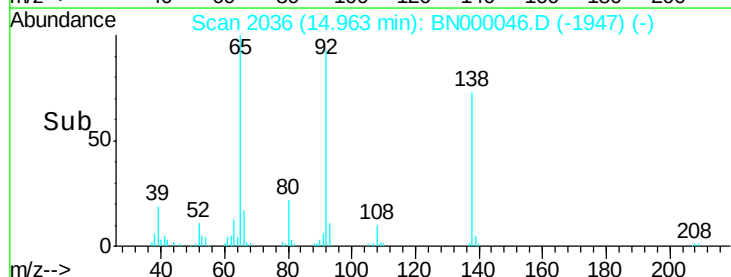
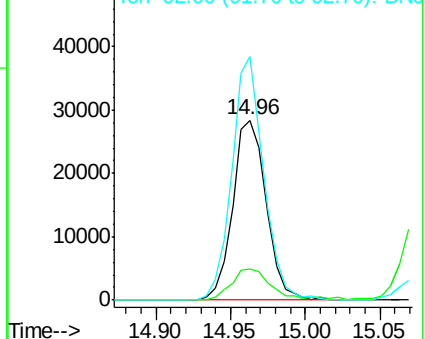
92 135.3 105.8 158.8

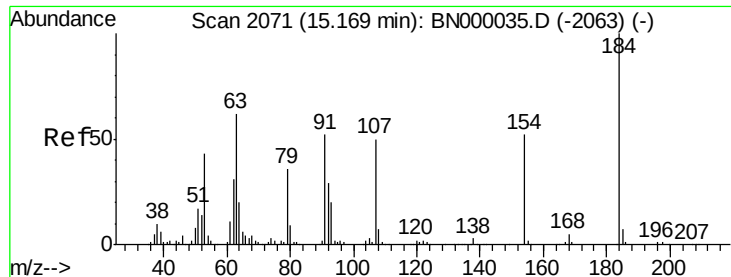


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

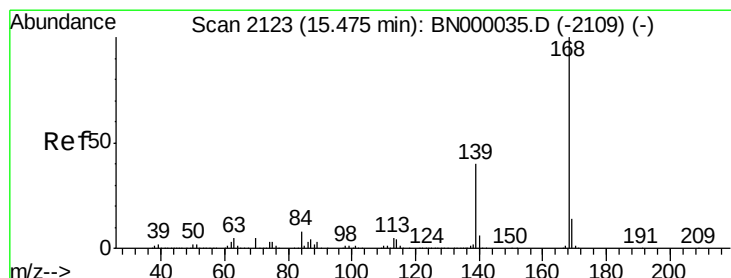
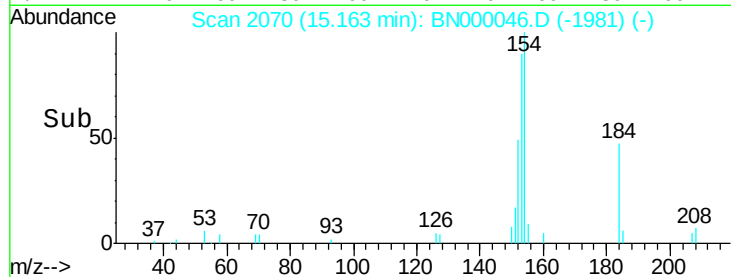
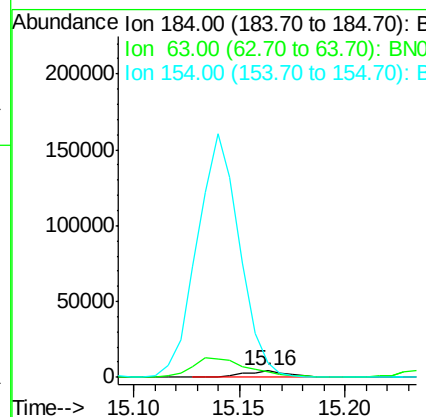
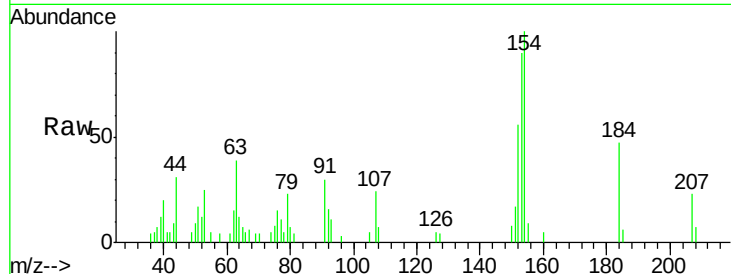




#53
 2,4-Dinitrophenol
 Concen: 10.21 ng
 RT: 15.16 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

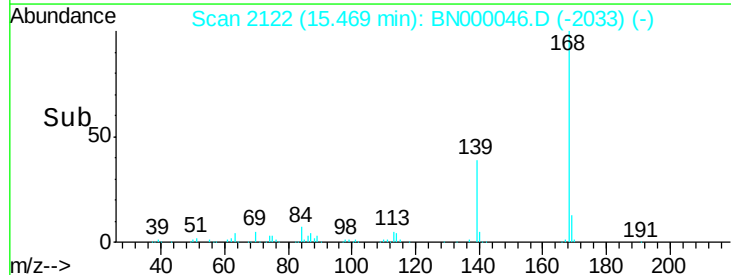
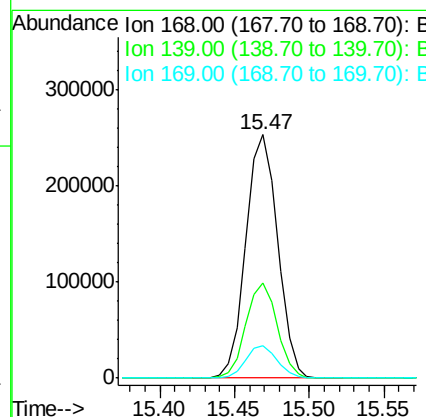
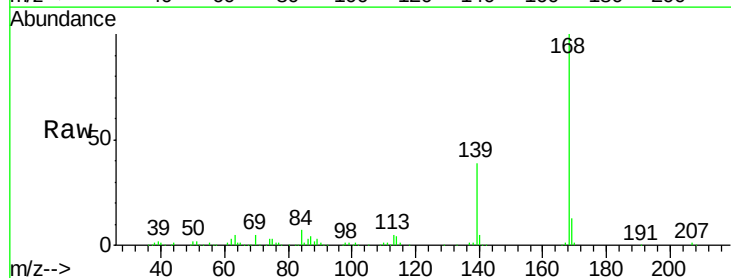
Instrument :
 BNA_N
 ClientSampleId :

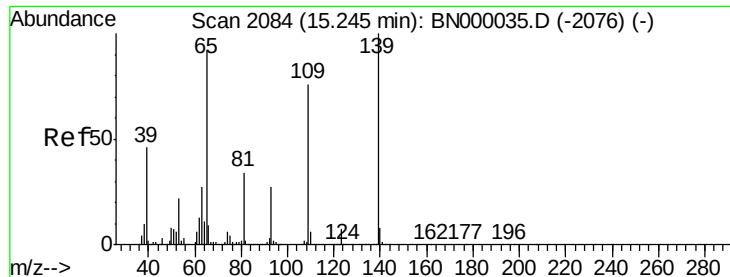
Tot Ion	Ratio	Lower	Upper
184	100		
63	83.3	80.0	120.0
154	212.8	308.0	462.0#



#54
 Dibenzofuran
 Concen: 4.05 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	28.6	43.0
169	13.2	11.2	16.8





#55

4-Nitrophenol

Concen: 6.66 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

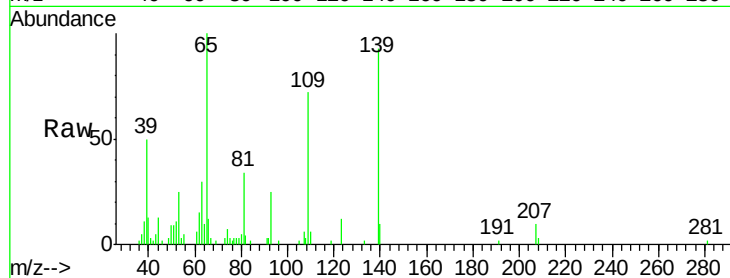
Tot Ion:139 Resp: 29015

Ion Ratio Lower Upper

139 100

109 77.5 62.2 102.2

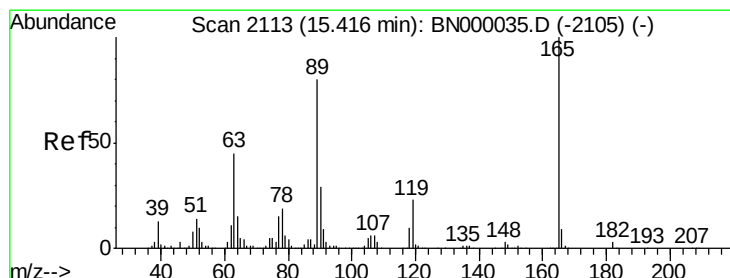
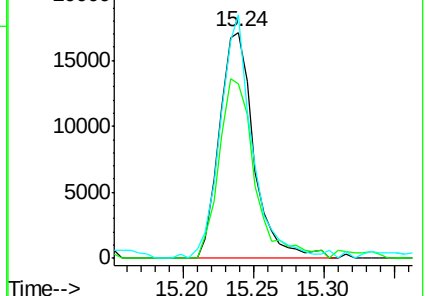
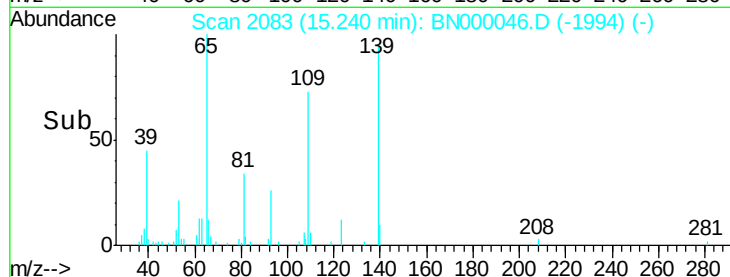
65 107.9 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 5.84 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Tgt Ion:165 Resp: 42012

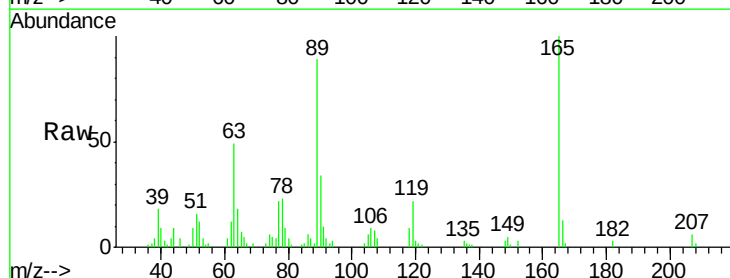
Ion Ratio Lower Upper

165 100

63 49.3 42.0 63.0

89 88.7 66.9 100.3

182 2.8 2.6 3.8

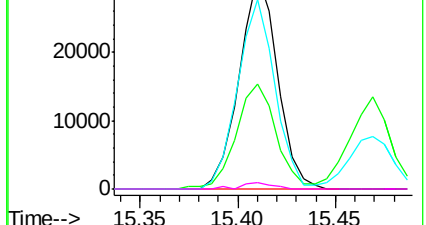
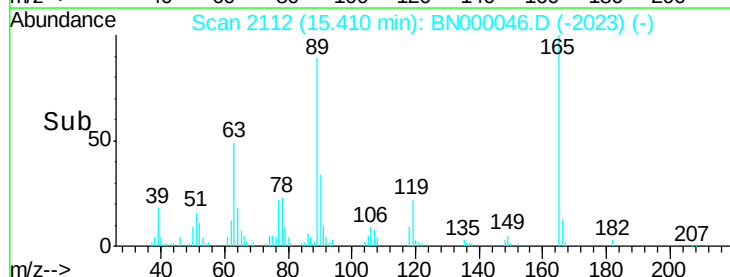


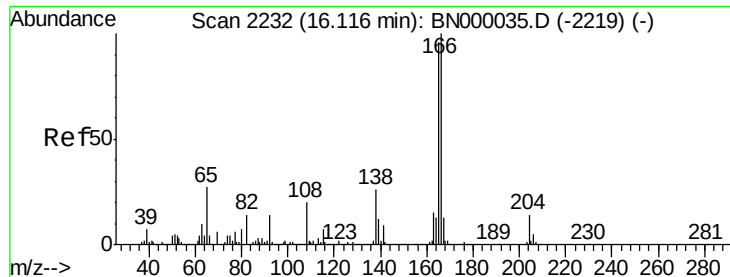
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

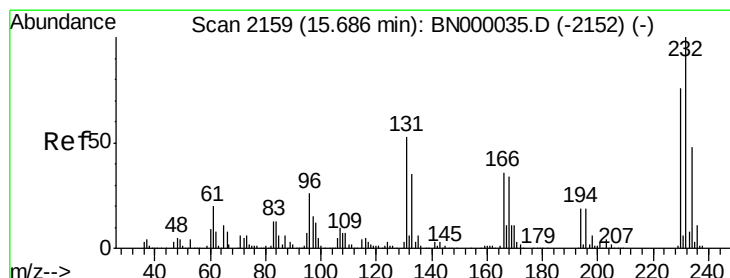
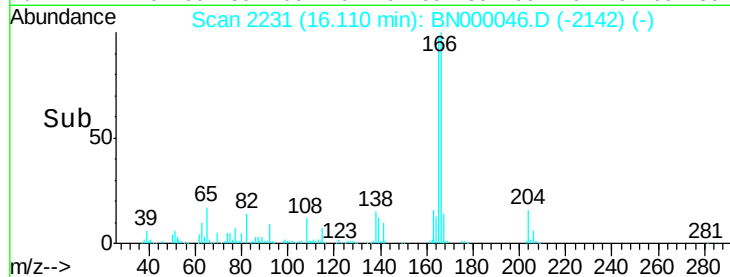
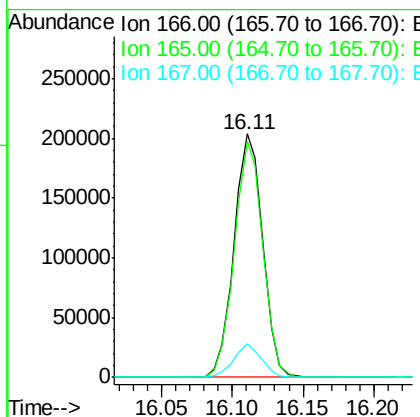
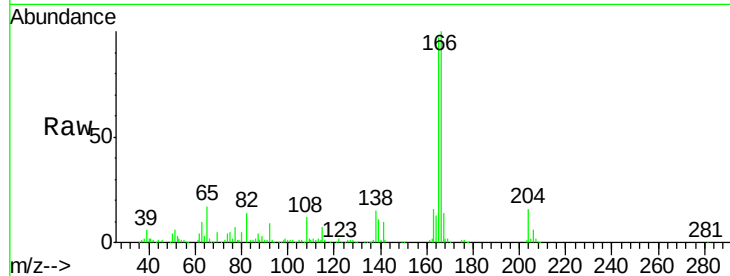




#57
 Fluorene
 Concen: 3.83 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

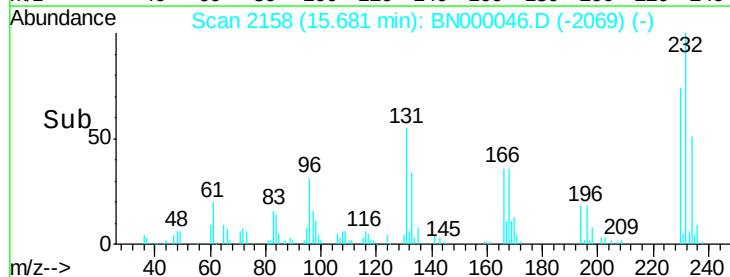
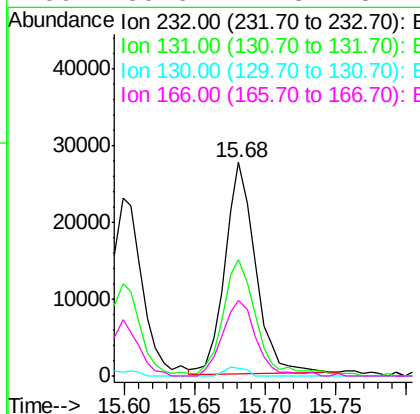
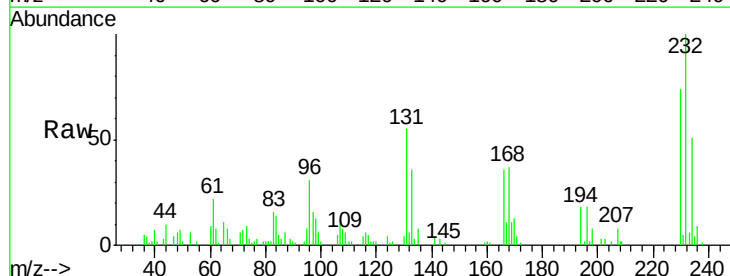
Instrument :
 BNA_N
 ClientSampled :

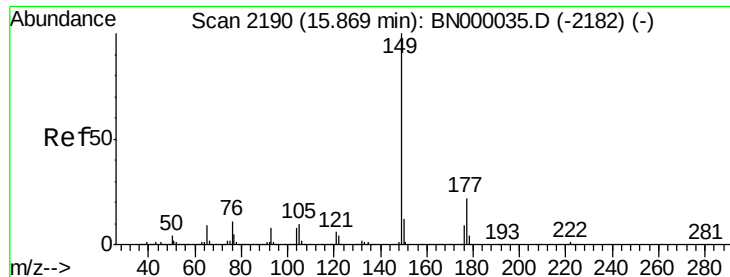
Tot Ion:166 Resp: 287986
 Ion Ratio Lower Upper
 166 100
 165 96.8 80.6 121.0
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.62 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion:232 Resp: 41361
 Ion Ratio Lower Upper
 232 100
 131 61.7 33.5 50.3#
 130 3.1 2.2 3.2
 166 39.6 24.8 37.2#





#59

Diethylphthalate

Concen: 3.33 ng

RT: 15.86 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

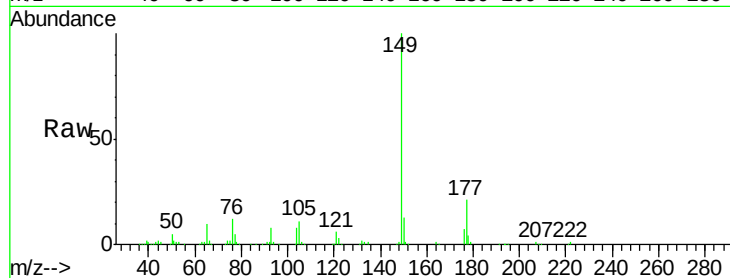
Tot Ion:149 Resp: 265812

Ion Ratio Lower Upper

149 100

177 21.1 18.5 27.7

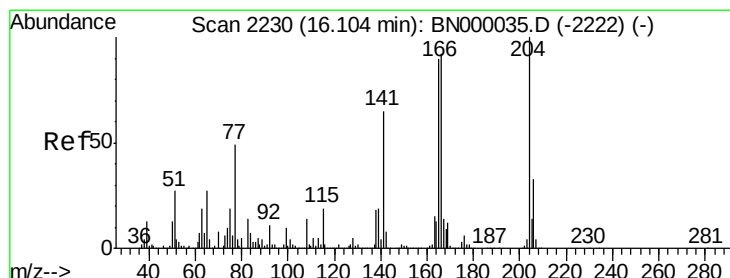
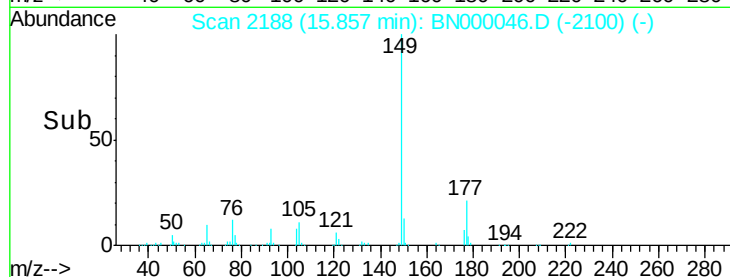
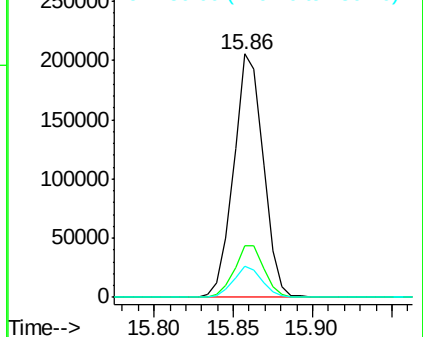
150 13.0 10.2 15.2



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: 3.91 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

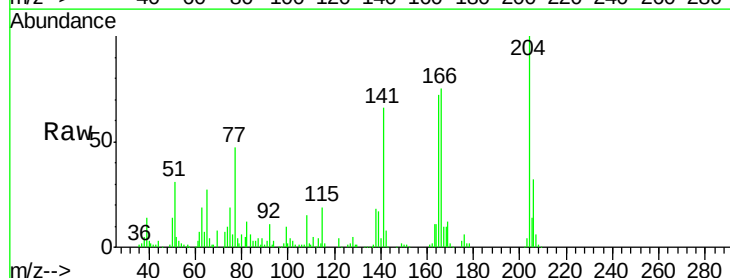
Tgt Ion:204 Resp: 134106

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

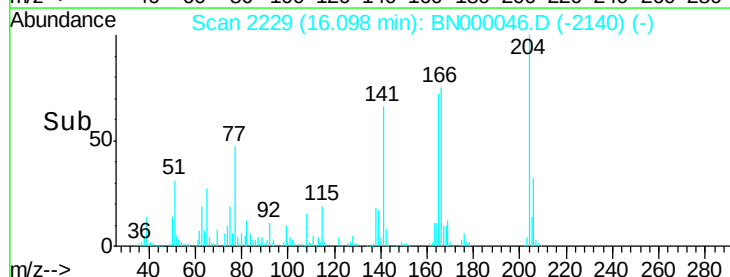
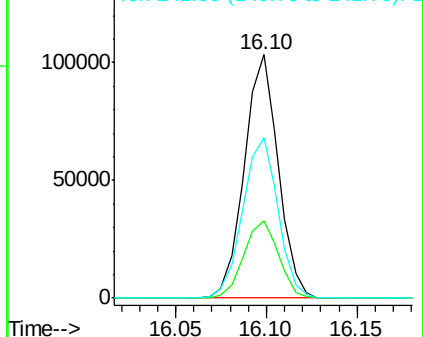
141 65.7 45.8 68.6

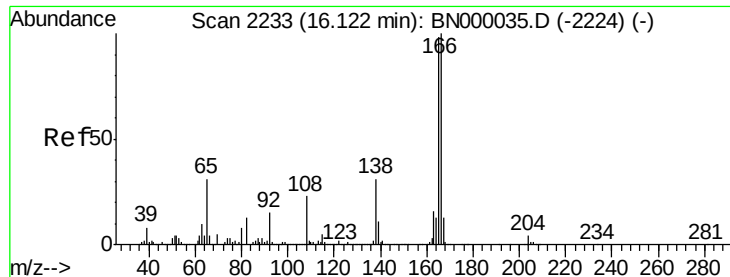


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

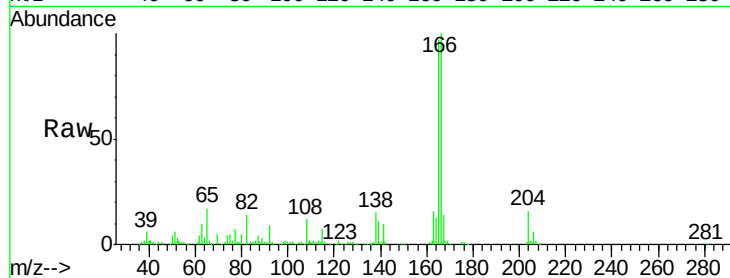




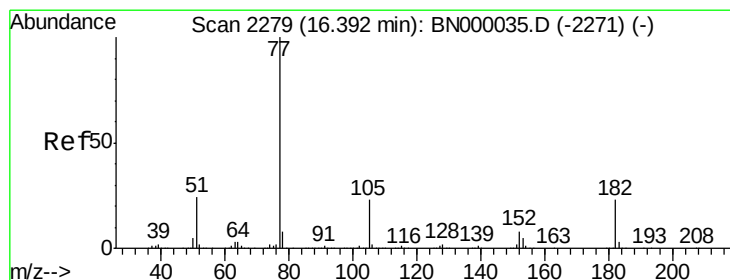
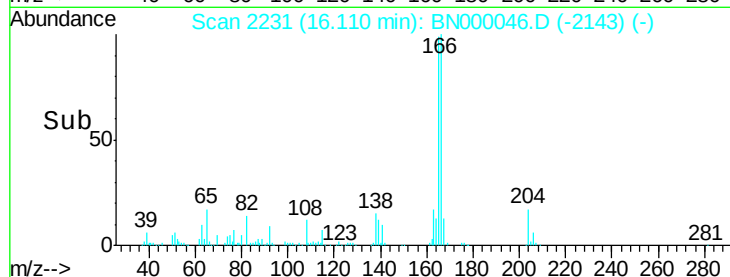
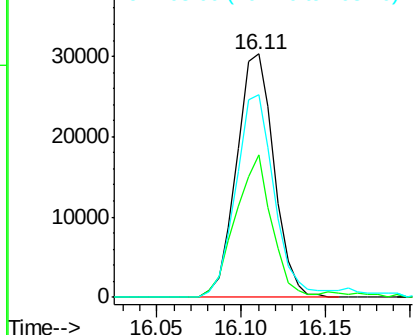
#61
4-Nitroaniline
Concen: 2.31 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 46743
Ion Ratio Lower Upper
138 100
92 58.4 40.1 80.1
108 83.0 65.4 105.4

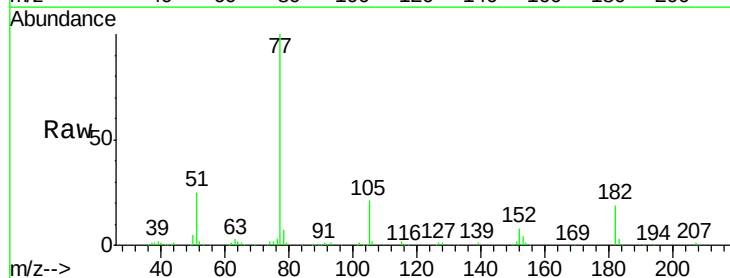


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

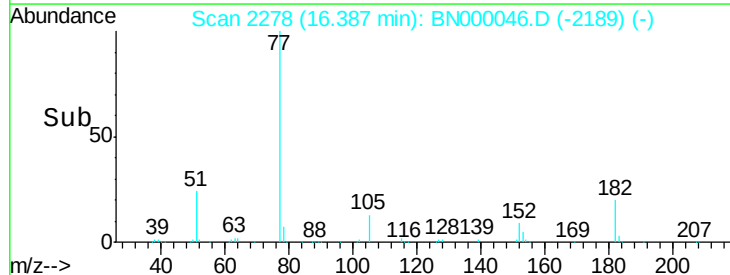
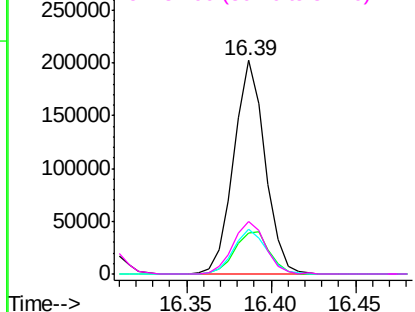


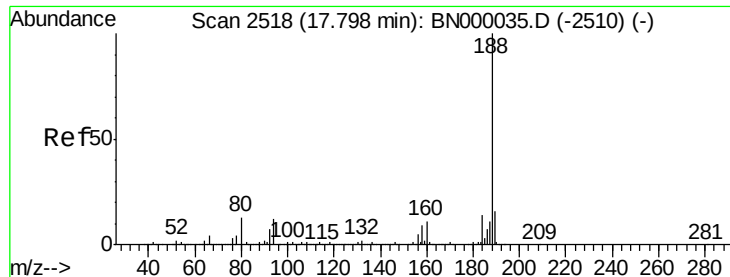
#62
Azobenzene
Concen: 3.27 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion: 77 Resp: 259615
Ion Ratio Lower Upper
77 100
182 19.5 7.4 47.4
105 21.1 0.3 40.3
51 24.7 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC

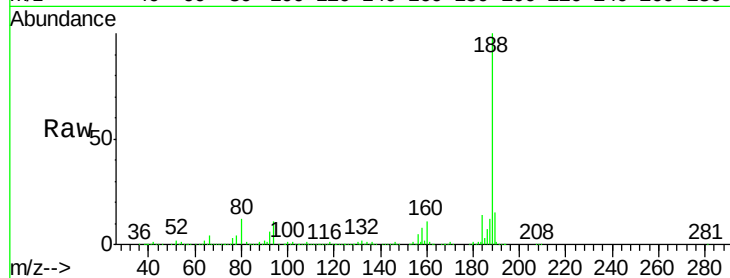




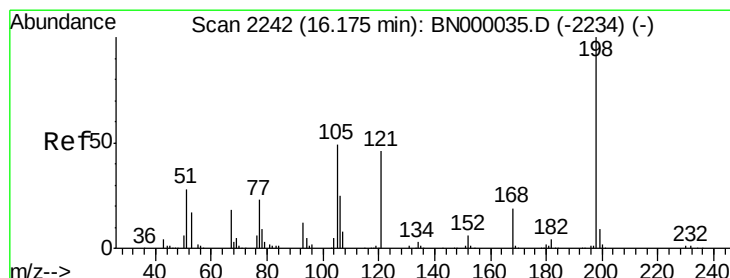
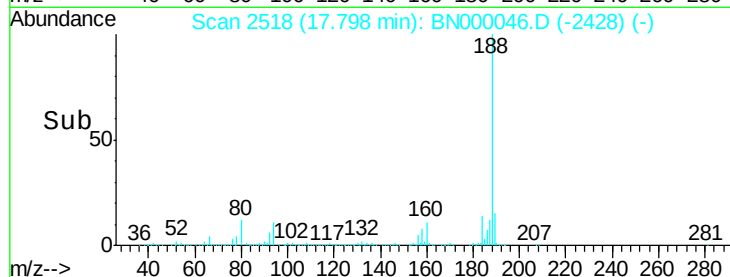
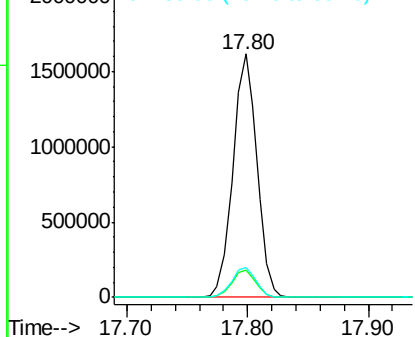
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.80 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2238155
Ion Ratio Lower Upper
188 100
94 11.2 6.9 10.3#
80 12.0 7.7 11.5#

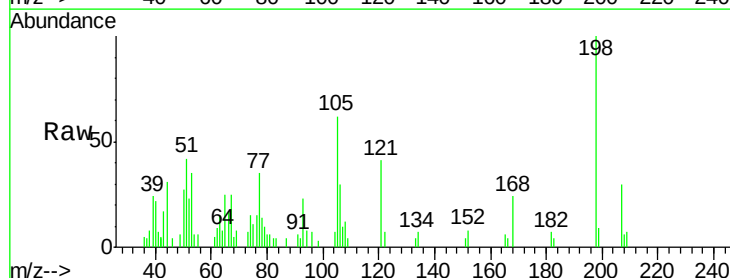


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

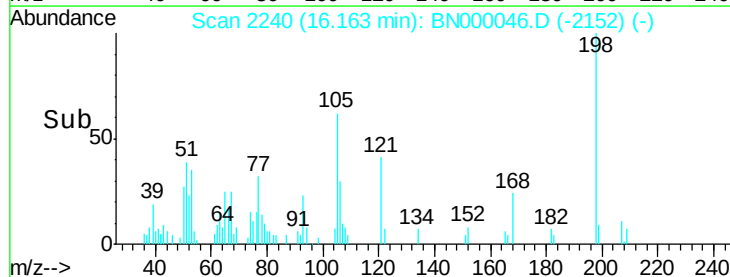
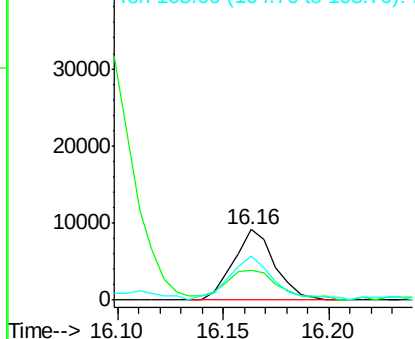


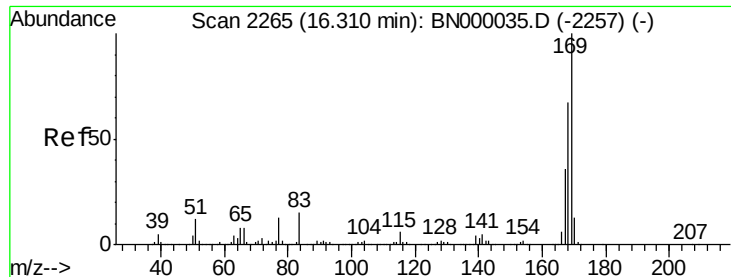
#64
4,6-Dinitro-2-methylphenol
Concen: 9.66 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:198 Resp: 12273
Ion Ratio Lower Upper
198 100
51 42.2 30.6 70.6
105 62.2 23.8 63.8



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





#65

n-Nitrosodiphenylamine

Concen: 3.26 ng

RT: 16.30 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

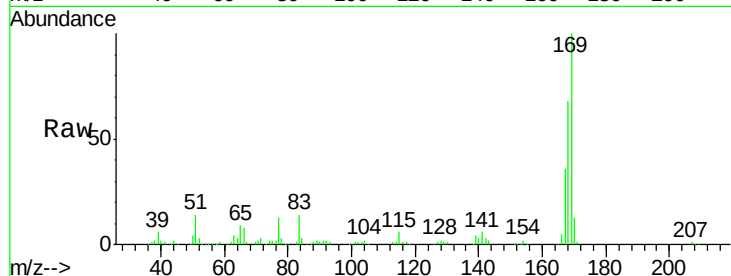
Tot Ion:169 Resp: 237726

Ion Ratio Lower Upper

169 100

168 67.7 55.7 83.5

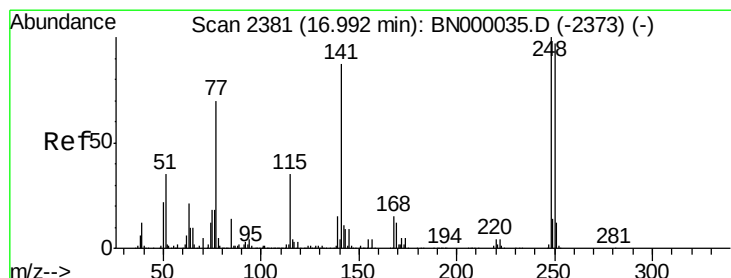
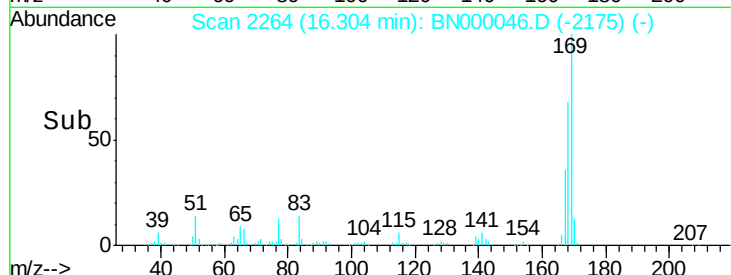
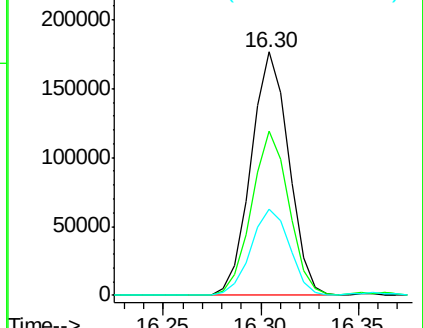
167 35.5 30.1 45.1



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: 3.31 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

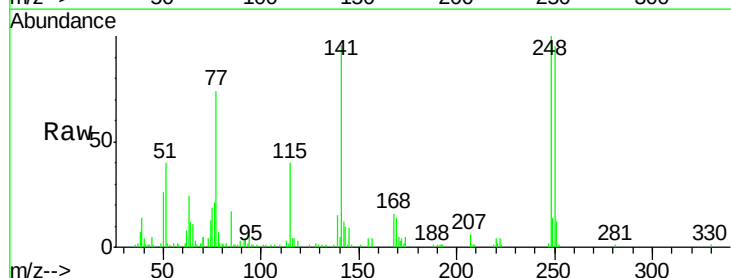
Tgt Ion:248 Resp: 70518

Ion Ratio Lower Upper

248 100

250 95.5 77.1 115.7

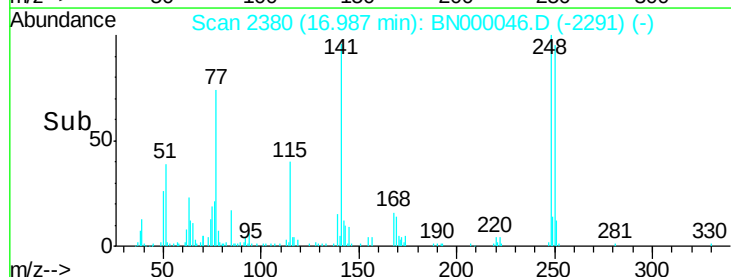
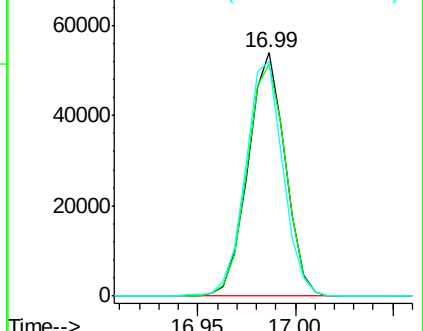
141 96.3 50.8 76.2#

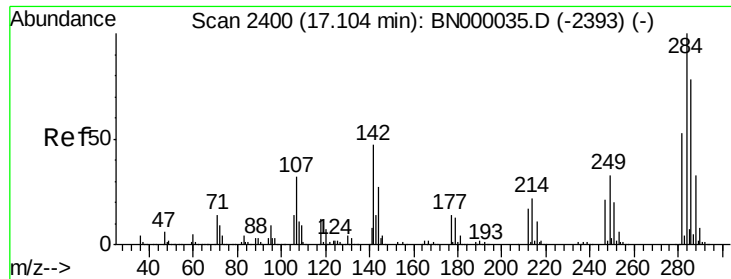


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

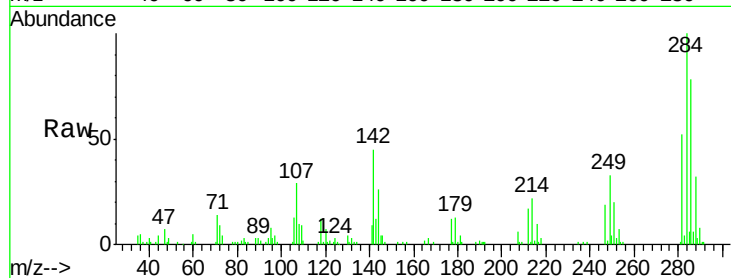




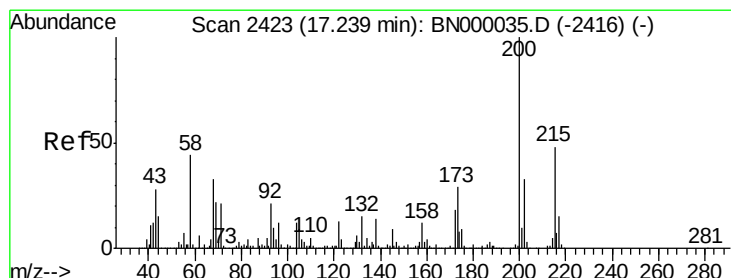
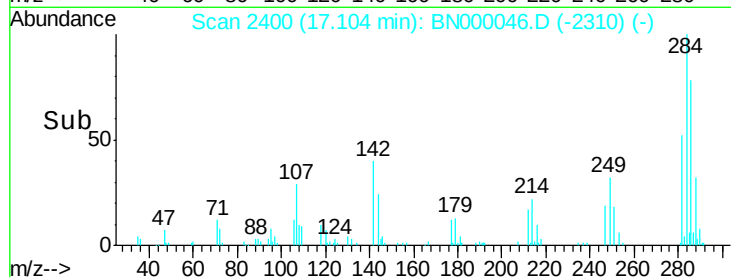
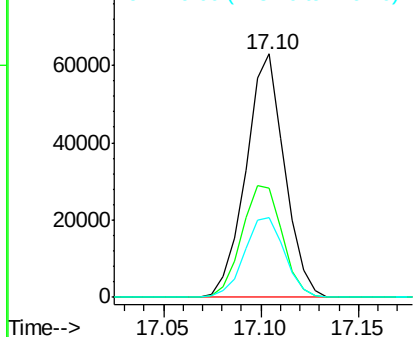
#67
Hexachlorobenzene
Concen: 3.46 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 86047
Ion Ratio Lower Upper
284 100
142 45.1 26.8 40.2#
249 32.5 26.3 39.5

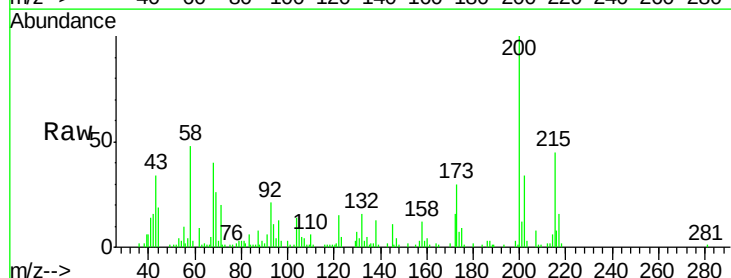


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

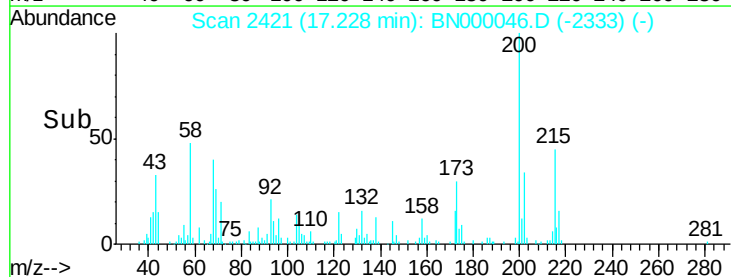
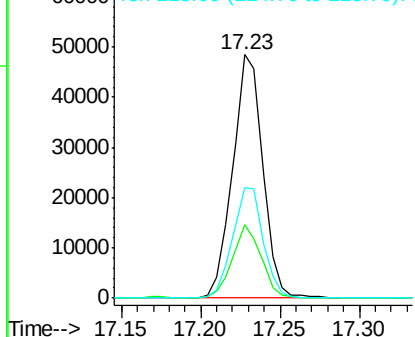


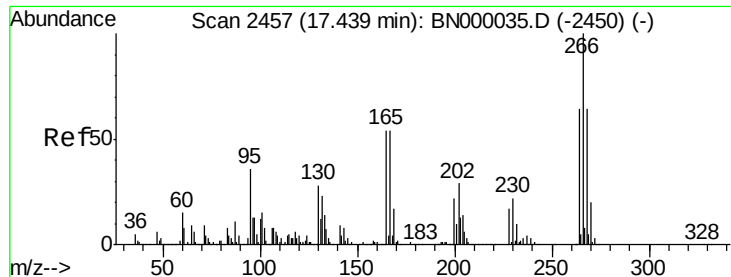
#68
Atrazine
Concen: 2.69 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:200 Resp: 63748
Ion Ratio Lower Upper
200 100
173 30.1 5.2 45.2
215 45.4 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: 7.26 ng

RT: 17.44 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampled :

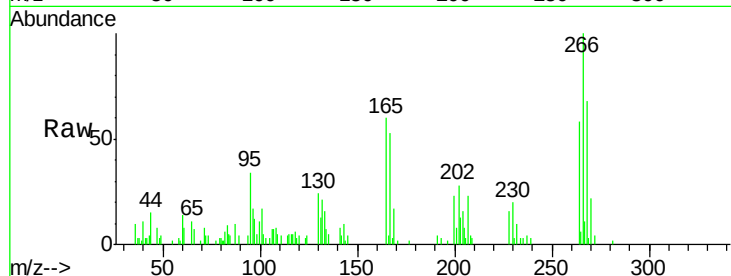
Tot Ion:266 Resp: 26351

Ion Ratio Lower Upper

266 100

268 67.8 51.1 76.7

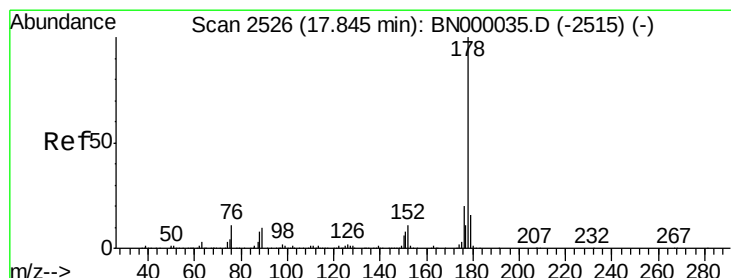
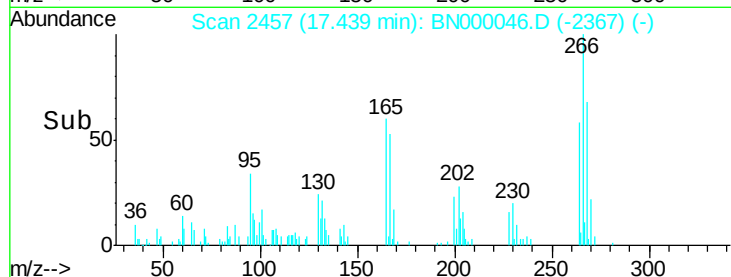
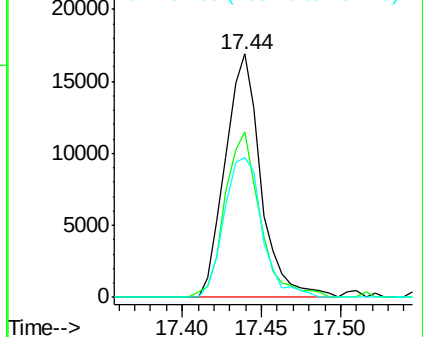
264 57.5 49.6 74.4



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: 3.87 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

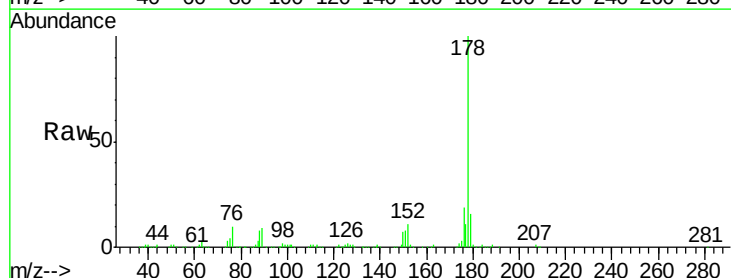
Tgt Ion:178 Resp: 511157

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

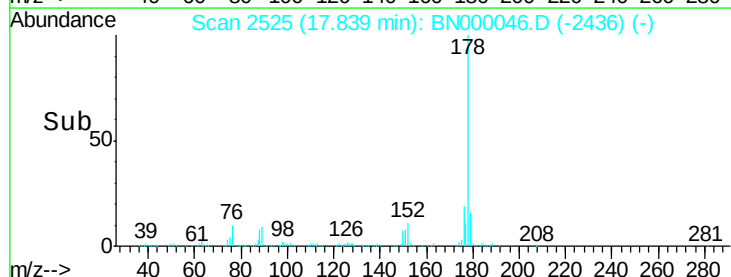
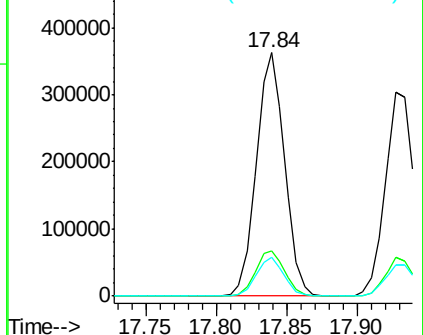
179 16.0 12.5 18.7

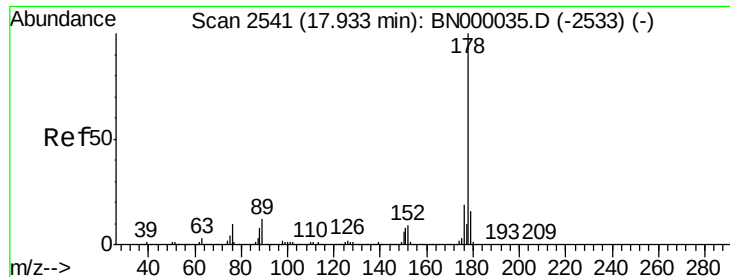


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

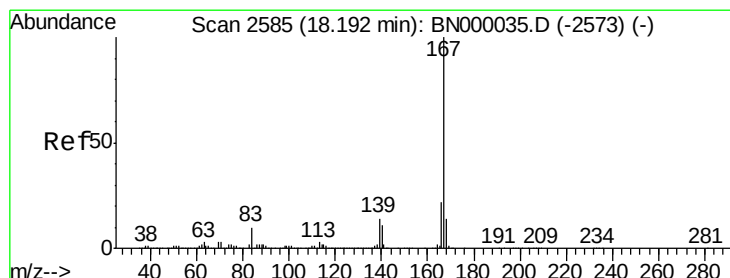
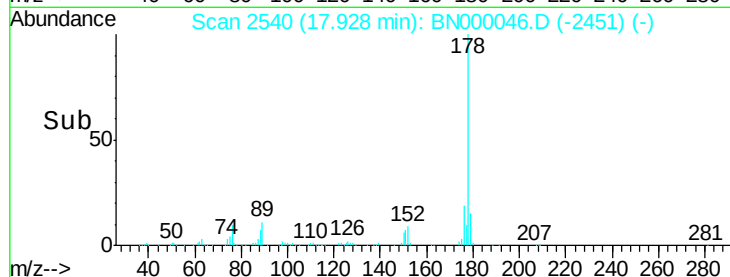
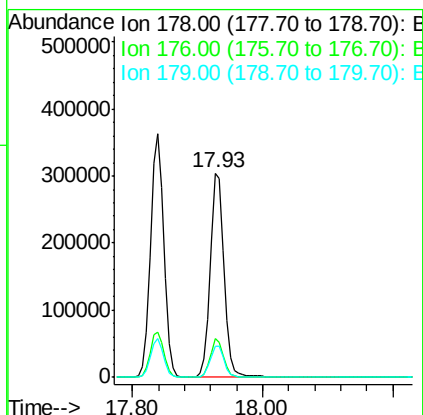
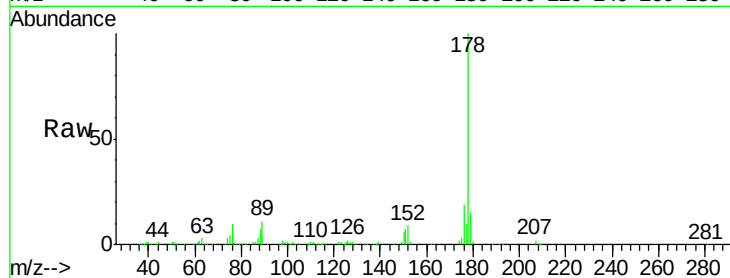




#71
 Anthracene
 Concen: 3.53 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

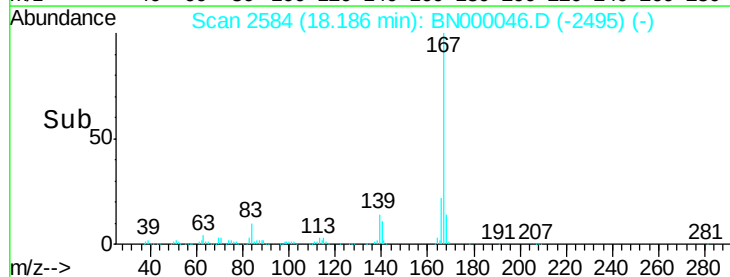
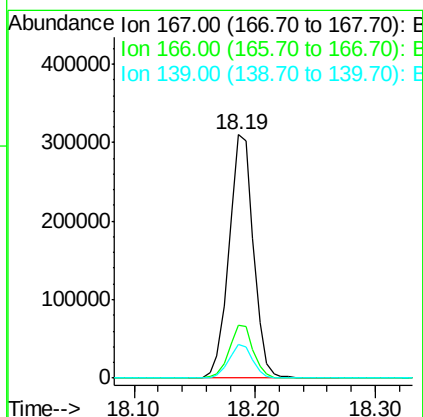
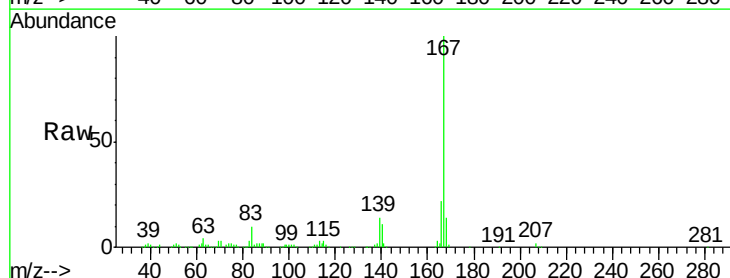
Instrument :
 BNA_N
 ClientSampled :

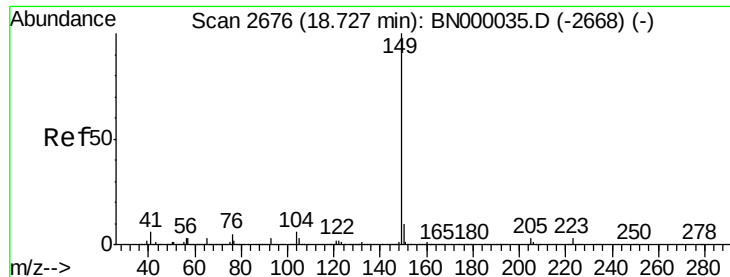
Tot Ion:178 Resp: 452054
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 3.38 ng
 RT: 18.19 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion:167 Resp: 436196
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 2.38 ng

RT: 18.73 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

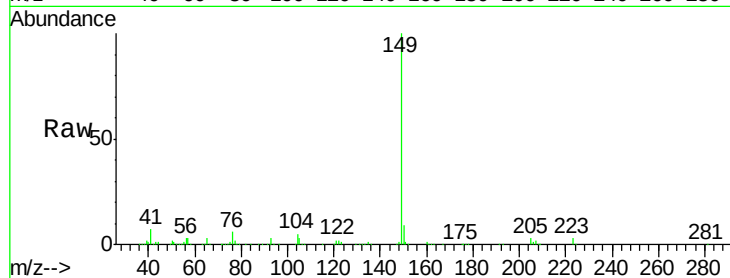
Tot Ion:149 Resp: 338721

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

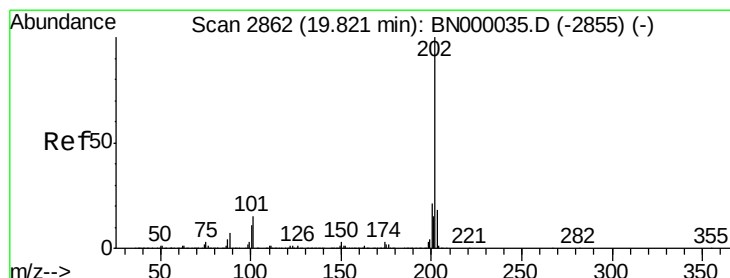
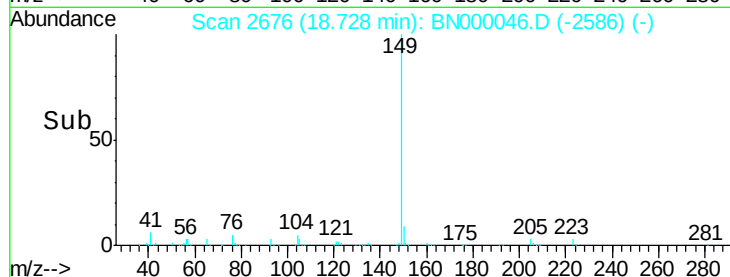
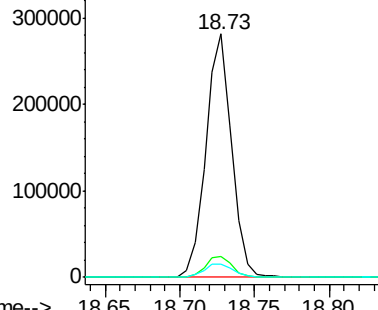
104 5.5 3.9 5.9



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: 3.66 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

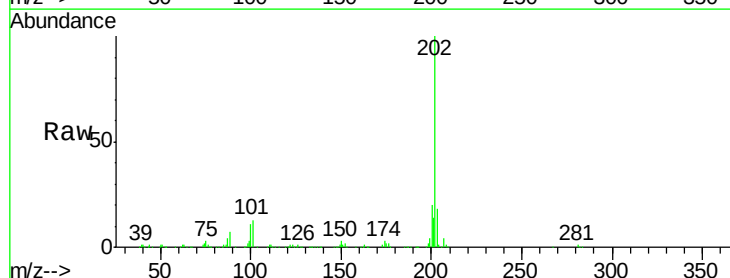
Tgt Ion:202 Resp: 508070

Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.9

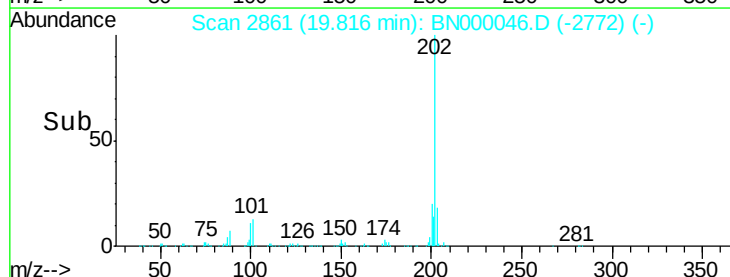
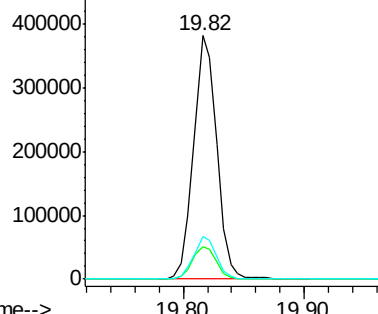
203 17.7 0.0 37.5

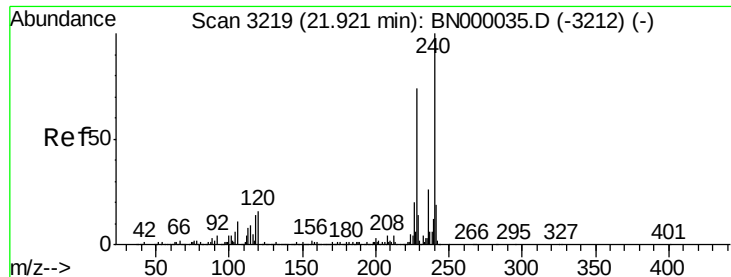


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

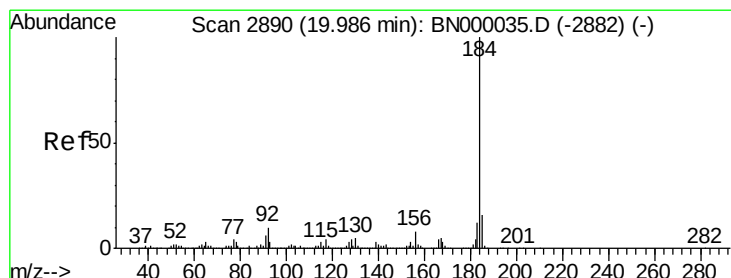
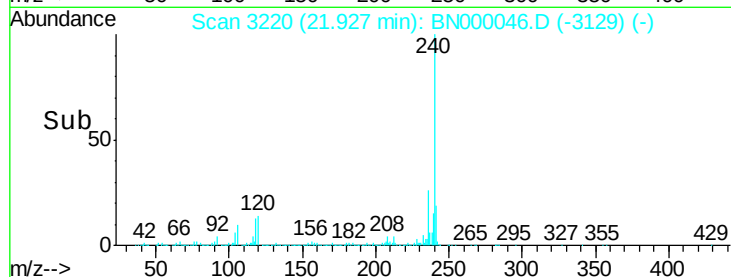
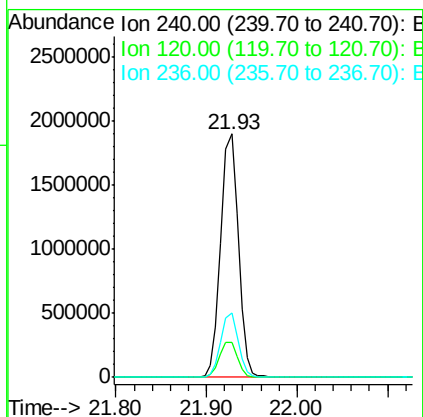
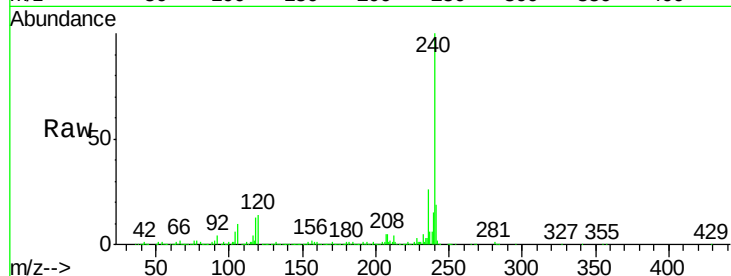




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

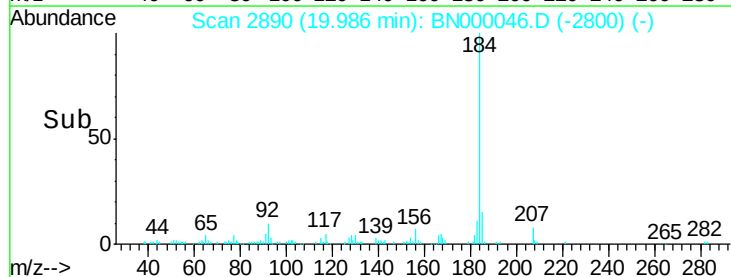
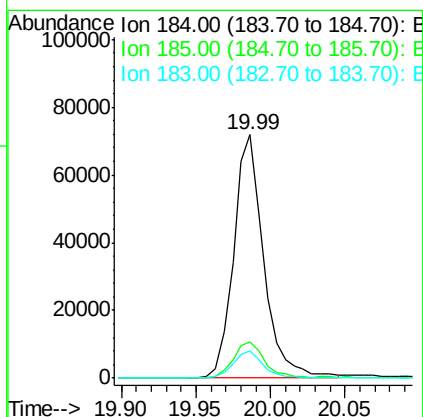
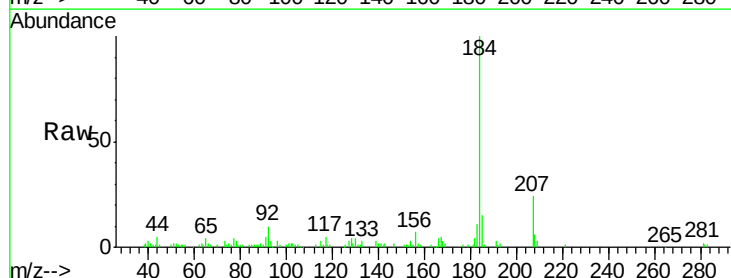
Instrument :
BNA_N
ClientSampled :

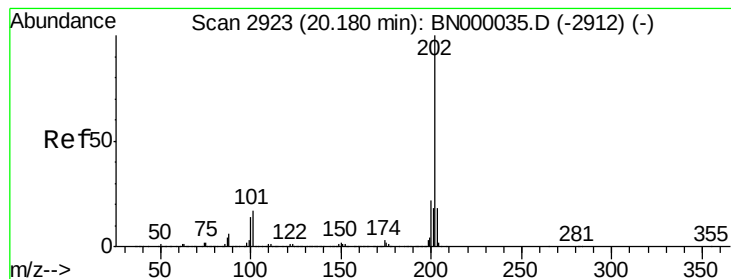
Tot Ion:240 Resp: 2574697
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 26.2 20.9 31.3



#76
Benzidine
Concen: 1.23 ng
RT: 19.99 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:184 Resp: 100646
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 11.5 10.6 16.0





#77

Pvrene

Concen: 3.38 ng

RT: 20.17 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

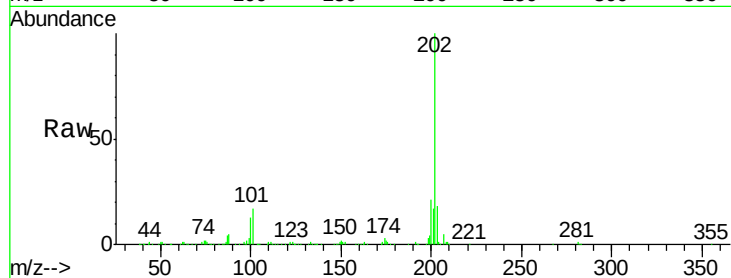
Tot Ion:202 Resp: 552898

Ion Ratio Lower Upper

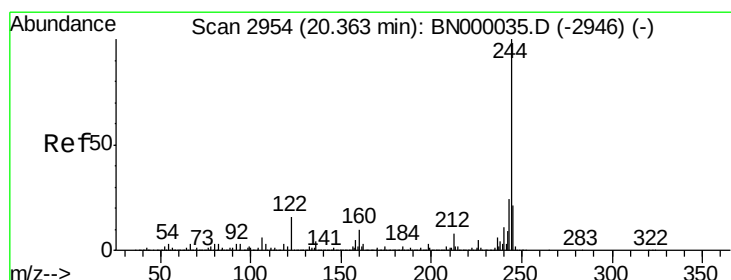
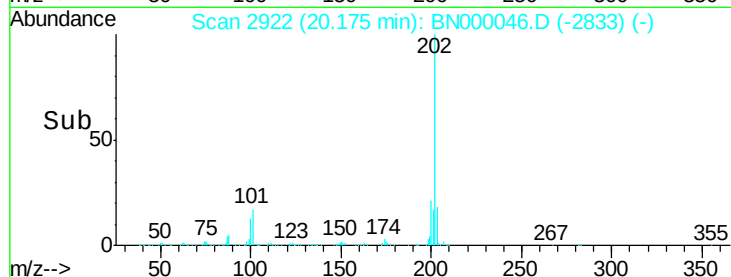
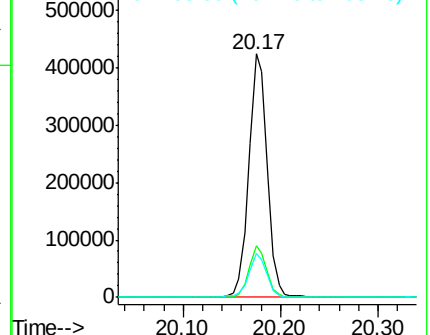
202 100

200 21.0 16.9 25.3

203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 105.98 ng

RT: 20.36 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

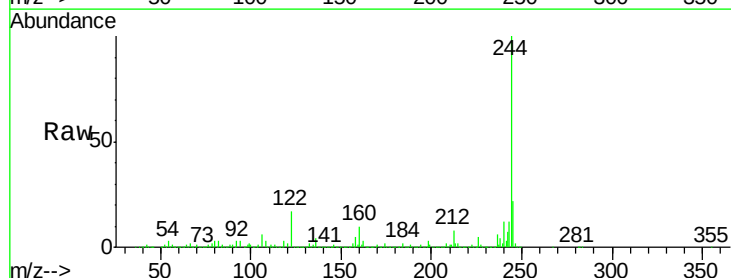
Tgt Ion:244 Resp:10105461

Ion Ratio Lower Upper

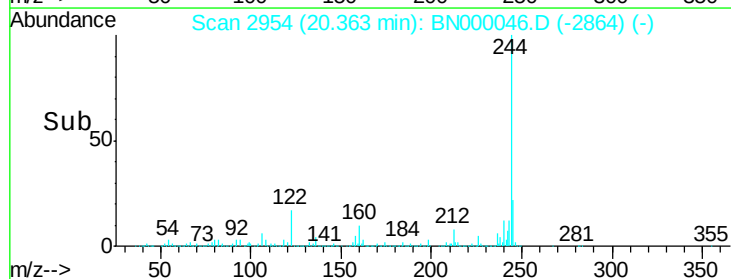
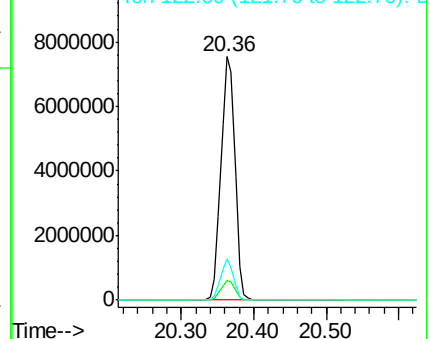
244 100

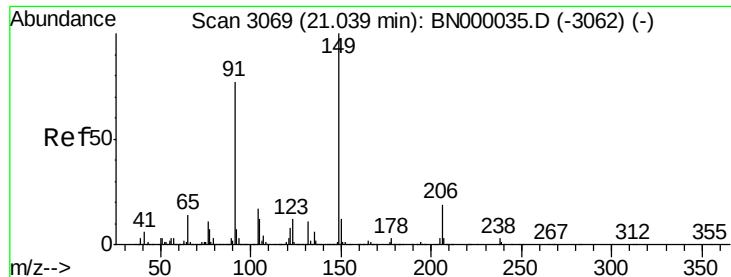
212 8.3 5.8 8.8

122 16.9 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

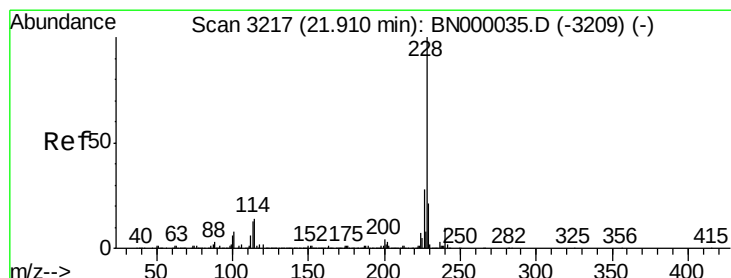
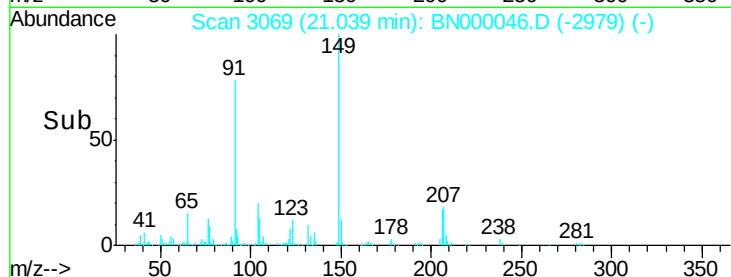
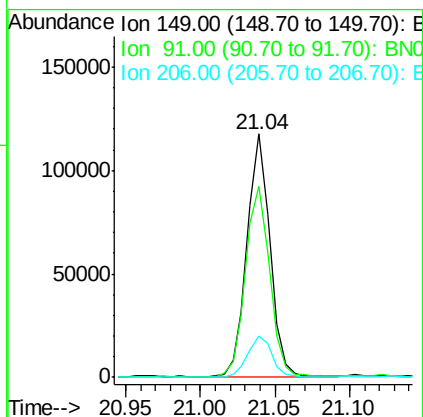
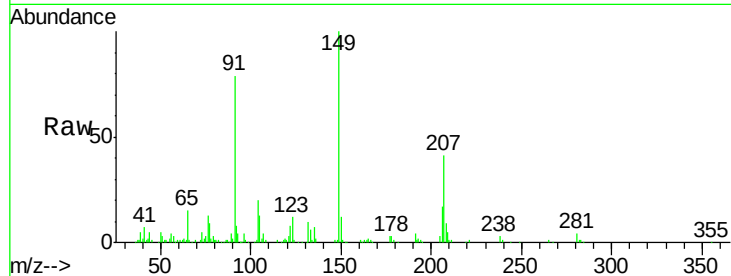




#79
Butylbenzylphthalate
Concen: 6.83 ng
RT: 21.04 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

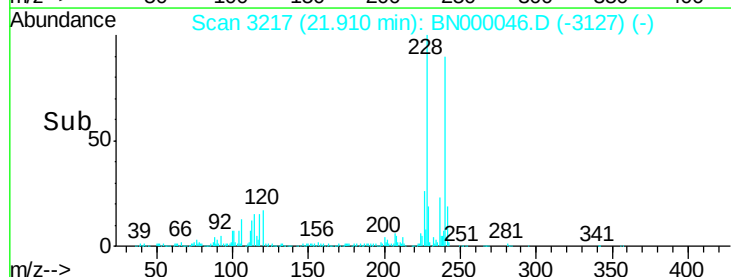
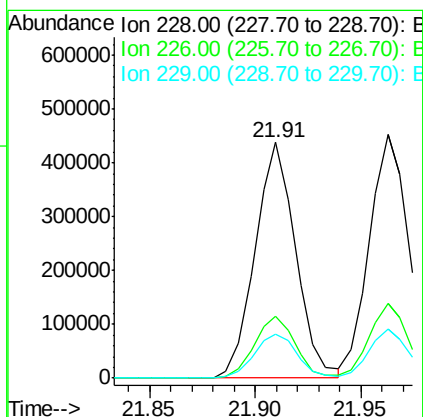
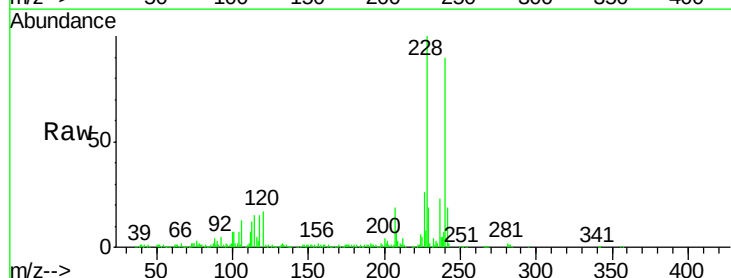
Instrument :
BNA_N
ClientSampled :

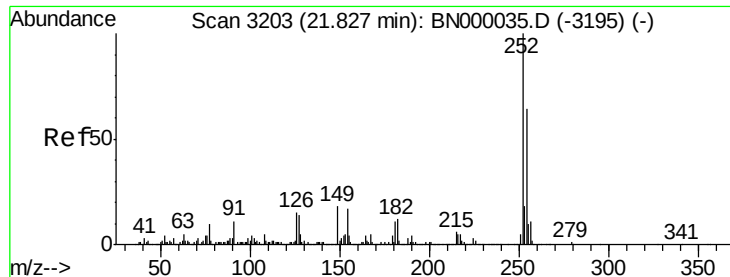
Tot Ion:149 Resp: 126717
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 16.8 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 3.70 ng
RT: 21.91 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion:228 Resp: 585520
Ion Ratio Lower Upper
228 100
226 26.5 22.7 34.1
229 18.7 16.2 24.2

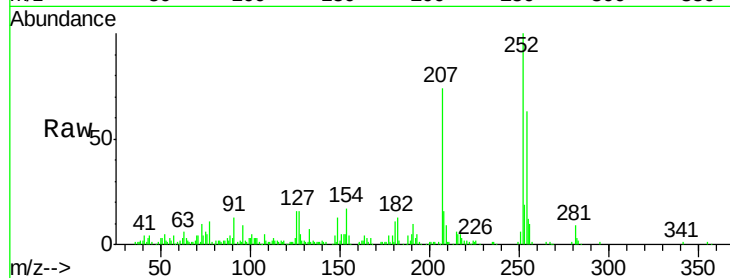




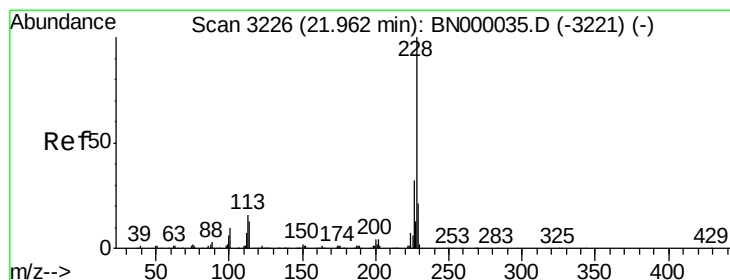
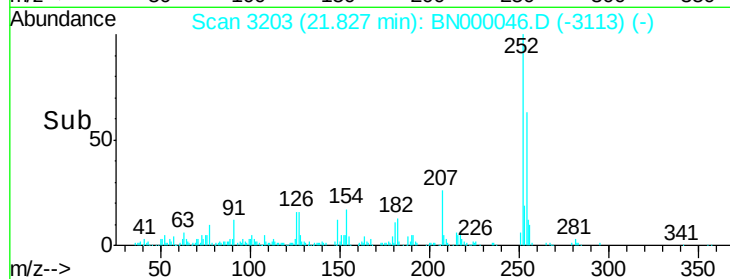
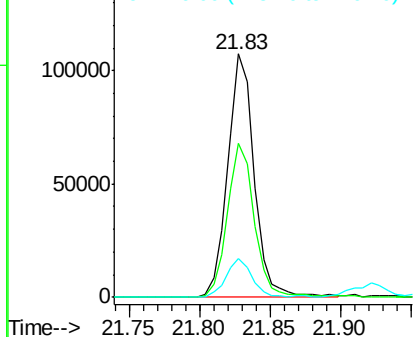
#81
 3,3'-Dichlorobenzidine
 Concen: 2.42 ng
 RT: 21.83 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.8	76.2
126	16.2	7.4	11.2#

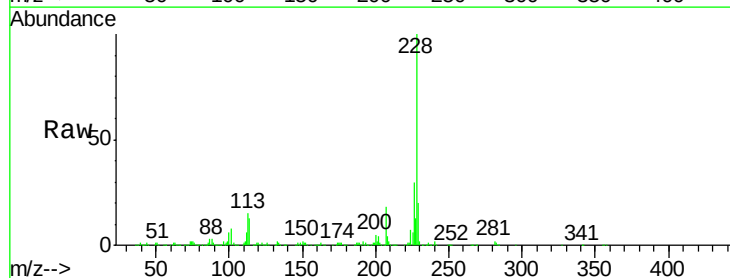


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

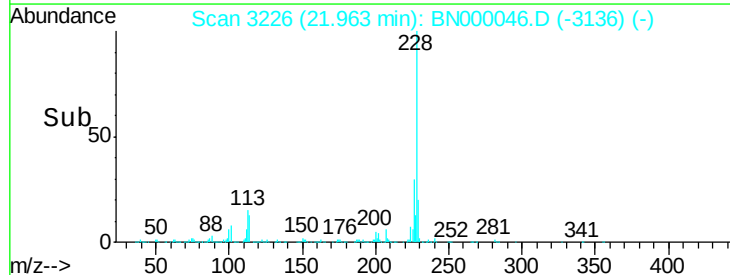
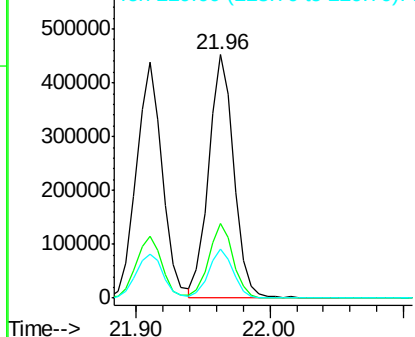


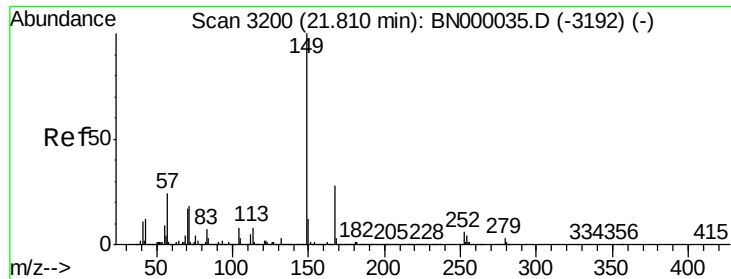
#82
 Chrysene
 Concen: 3.78 ng
 RT: 21.96 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.1	15.0	22.4



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

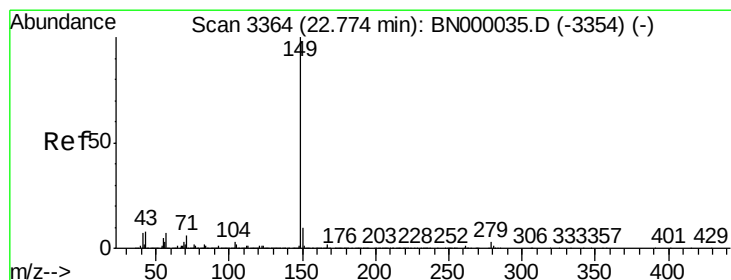
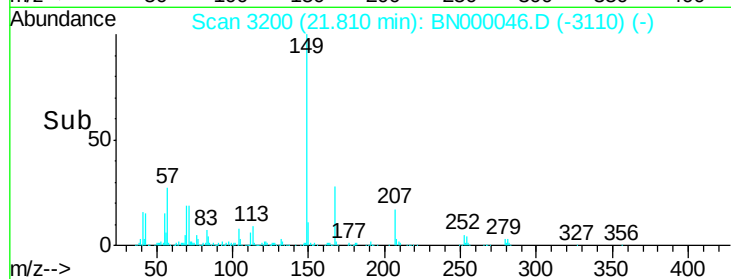
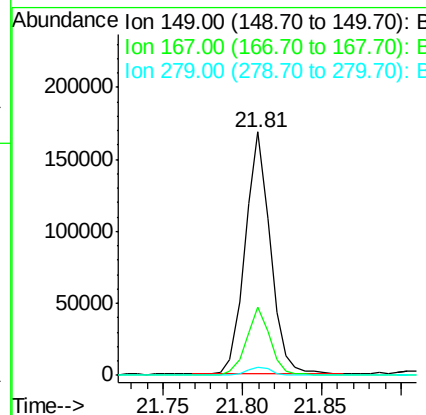
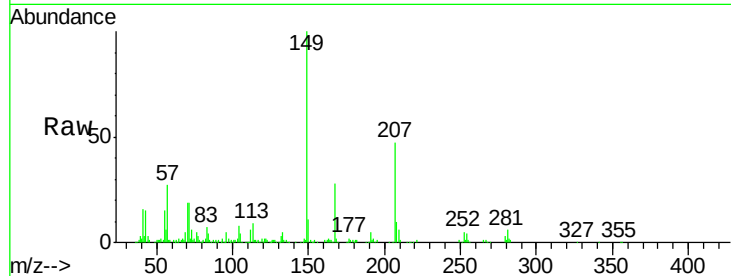




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.41 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

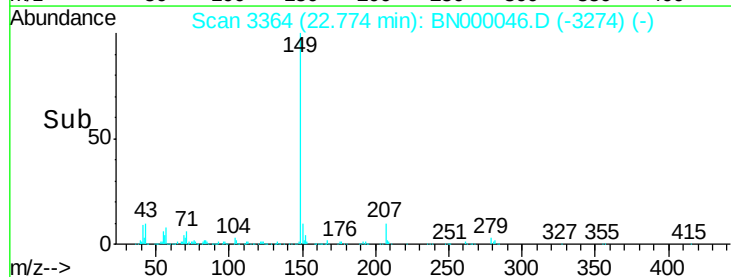
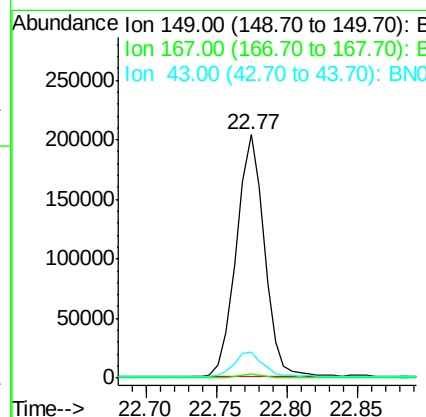
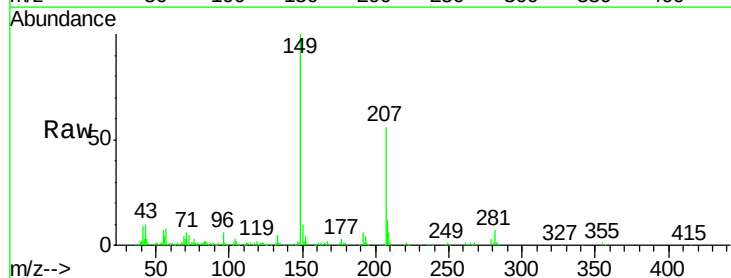
Instrument :
 BNA_N
 ClientSampleId :

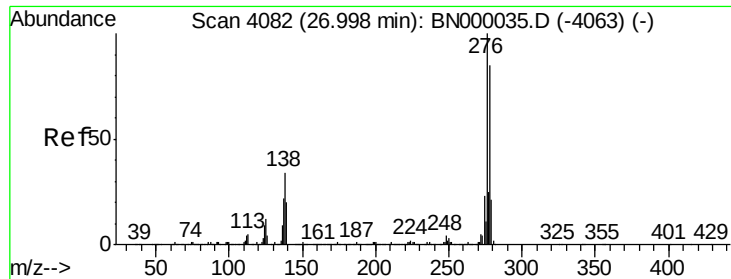
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.3	36.5
279	3.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 7.83 ng
 RT: 22.77 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.9	13.3

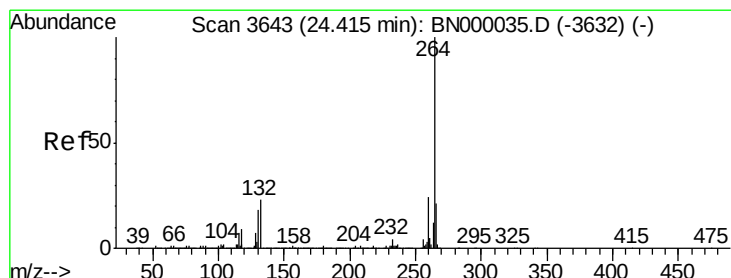
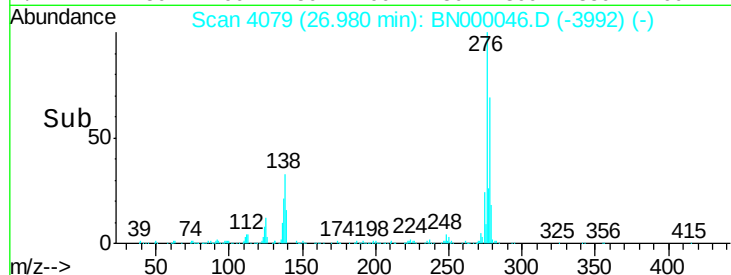
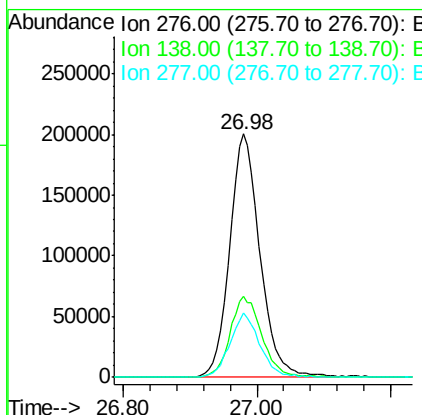
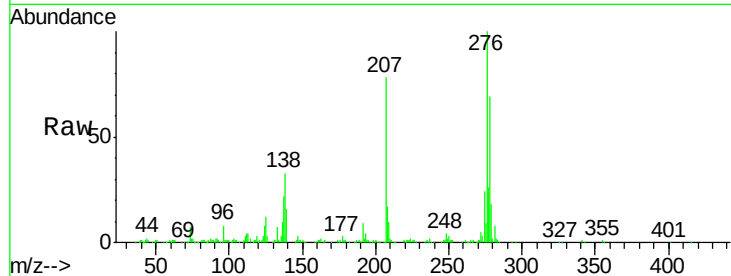




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.27 ng
 RT: 26.98 min Scan# 4079
 Delta R.T. -0.02 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

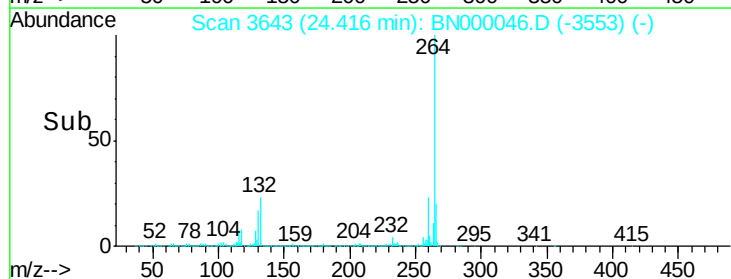
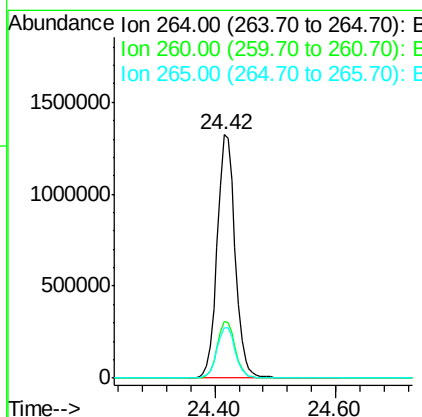
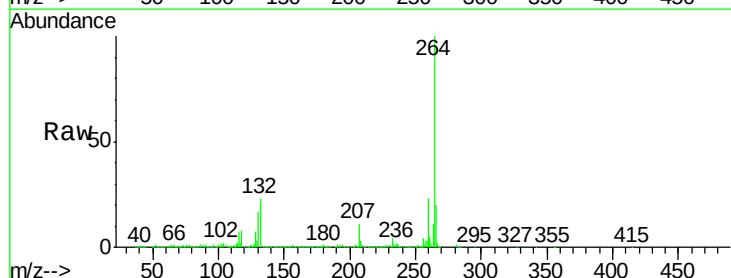
Instrument :
 BNA_N
 ClientSampled :

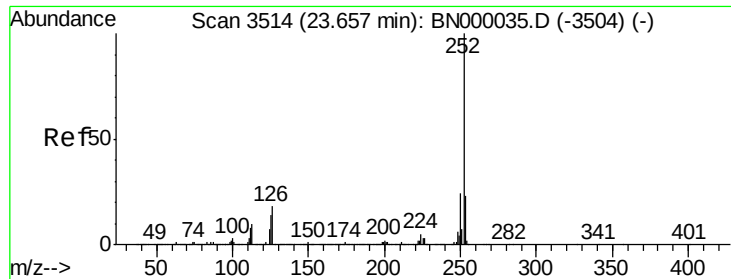
Tot Ion:276 Resp: 634151
 Ion Ratio Lower Upper
 276 100
 138 34.8 16.0 24.0#
 277 25.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.42 min Scan# 3643
 Delta R.T. 0.00 min
 Lab File: BN000046.D
 Acq: 07 Feb 2018 21:32

Tgt Ion:264 Resp: 2710435
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 20.4 17.7 26.5

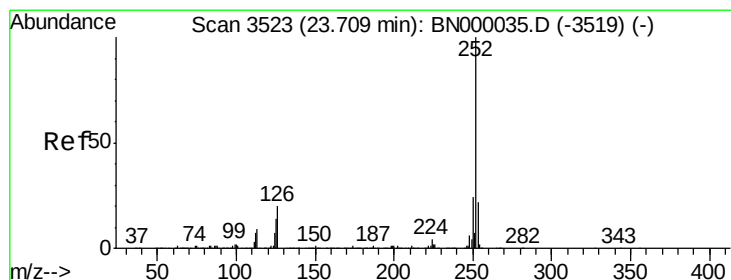
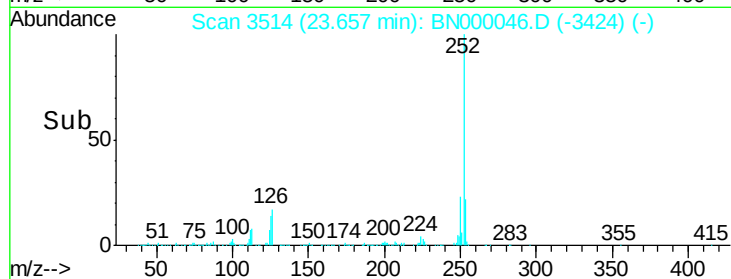
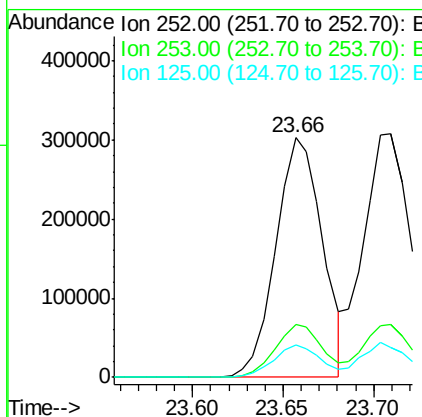
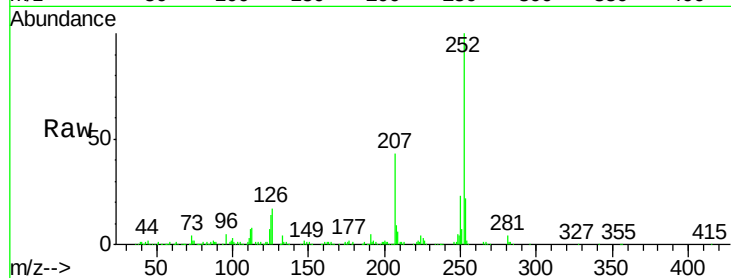




#87
Benzo(b)fluoranthene
Concen: 3.42 ng
RT: 23.66 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

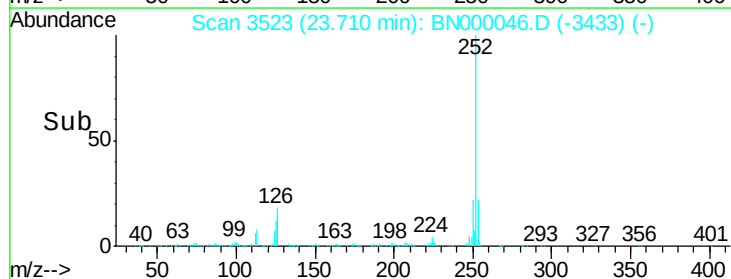
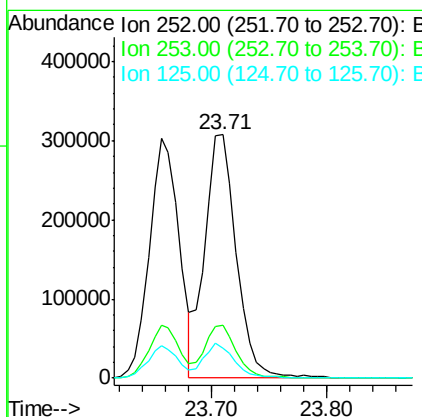
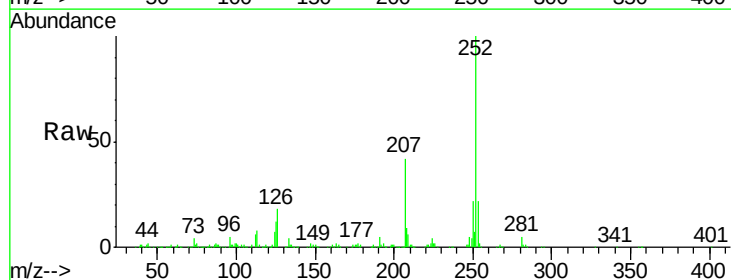
Instrument :
BNA_N
ClientSampleId :

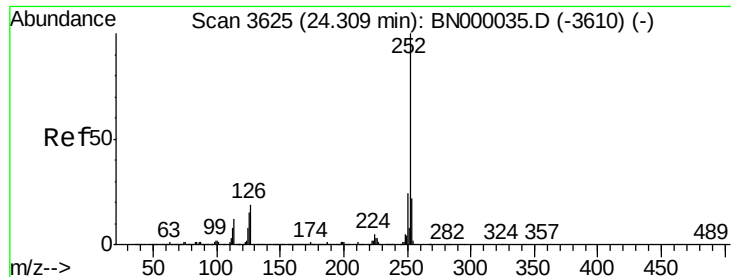
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.7	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 3.63 ng
RT: 23.71 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BN000046.D
Acq: 07 Feb 2018 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	12.0	6.6	9.8





#89

Benzo(a)pyrene

Concen: 3.40 ng

RT: 24.31 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

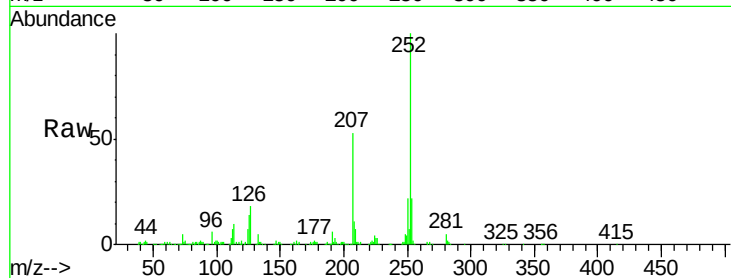
Tot Ion:252 Resp: 516589

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

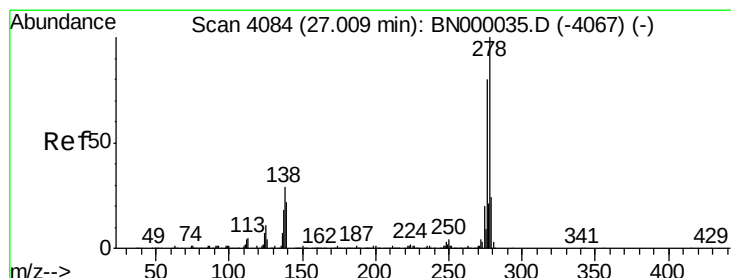
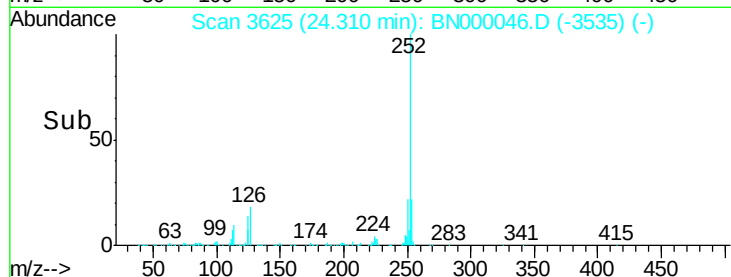
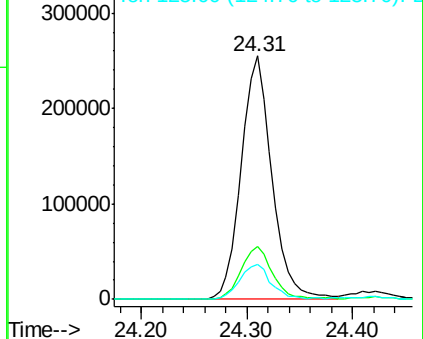
125 14.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.39 ng

RT: 26.99 min Scan# 4081

Delta R.T. -0.02 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

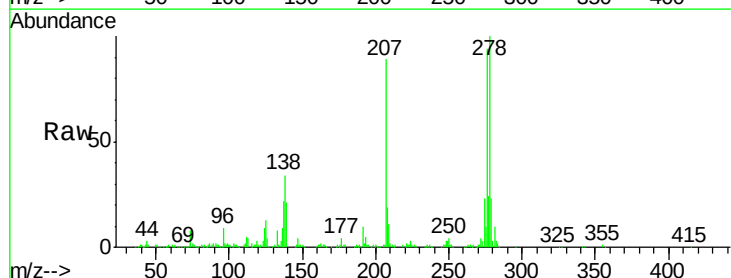
Tgt Ion:278 Resp: 538613

Ion Ratio Lower Upper

278 100

139 21.5 9.8 14.6#

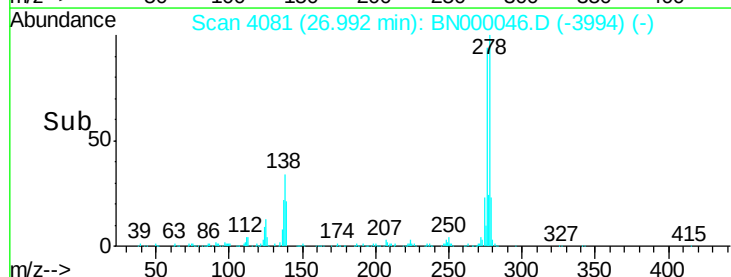
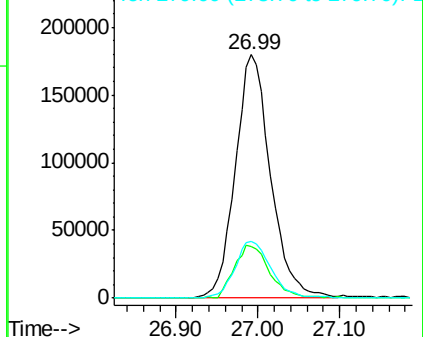
279 23.3 18.4 27.6

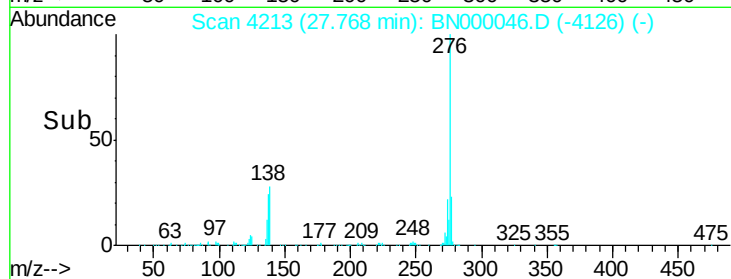
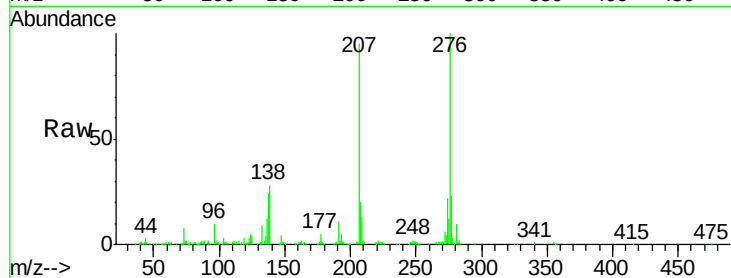
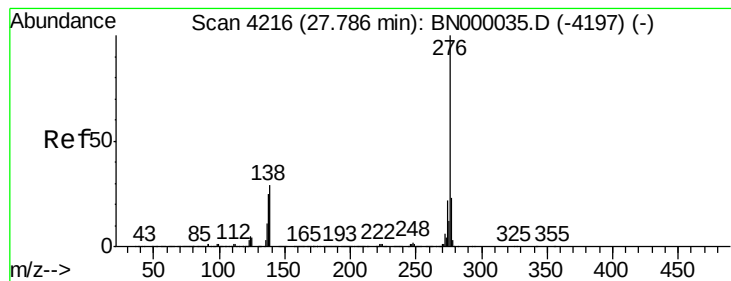


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.38 ng

RT: 27.77 min Scan# 4213

Delta R.T. -0.02 min

Lab File: BN000046.D

Acq: 07 Feb 2018 21:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 544580

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 28.2 13.9 20.9#

