

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096486.D
 Acq On : 5 Jul 2017 16:15
 Operator : SJ/MA
 Sample : I3871-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:39:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112248	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	464793	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	194655	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	269960	20.00	ng	0.00
75) Chrysene-d12	13.87	240	181120	20.00	ng	0.00
86) Perylene-d12	15.27	264	169878	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	882879	116.09	ng	0.01
7) Phenol-d6	6.36	99	1097831	117.42	ng	0.00
23) Nitrobenzene-d5	7.27	82	587828	76.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160024	105.24	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	996983	87.57	ng	0.00
78) Terphenyl-d14	12.82	244	597121	70.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	103485	28.70	ng	# 77
3) Pyridine	3.10	79	294070	29.72	ng	# 59
4) n-Nitrosodimethylamine	3.04	42	174847	35.80	ng	# 84
6) Aniline	6.37	93	354595	29.34	ng	# 17
8) 2-Chlorophenol	6.50	128	319898	39.44	ng	100
9) Benzaldehyde	6.26	77	167770	28.67	ng	97
10) Phenol	6.37	94	390844	36.69	ng	77
11) bis(2-Chloroethyl)ether	6.45	93	324157	39.38	ng	91
12) 1,3-Dichlorobenzene	6.66	146	308790	36.31	ng	98
13) 1,4-Dichlorobenzene	6.73	146	310818	36.57	ng	97
14) 1,2-Dichlorobenzene	6.89	146	288388	36.95	ng	97
15) Benzyl Alcohol	6.86	79	241016	38.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	582446	34.81	ng	92
17) 2-Methylphenol	6.97	107	233151	36.07	ng	99
18) Hexachloroethane	7.23	117	93951	30.49	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	185962	33.39	ng	# 84
20) 3+4-Methylphenols	7.13	107	278267	38.60	ng	95
22) Acetophenone	7.12	105	378505	37.27	ng	97
24) Nitrobenzene	7.30	77	285398	35.17	ng	89
25) Isophorone	7.54	82	505509	33.71	ng	94
26) 2-Nitrophenol	7.61	139	137707	32.06	ng	# 89
27) 2,4-Dimethylphenol	7.66	122	257445	35.20	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	351046	35.46	ng	99
29) 2,4-Dichlorophenol	7.86	162	237459	37.63	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	223012	37.47	ng	98
31) Naphthalene	8.02	128	826976	37.69	ng	99
32) Benzoic acid	7.66	122	257445	41.92	ng	# 11
33) 4-Chloroaniline	8.07	127	269114	29.53	ng	96
34) Hexachlorobutadiene	8.15	225	114477	37.50	ng	97
35) Caprolactam	8.43	113	73284	33.68	ng	# 73
36) 4-Chloro-3-methylphenol	8.56	107	239571	34.31	ng	91
37) 2-Methylnaphthalene	8.71	142	549219	39.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	197110	39.00	ng	99
40) Hexachlorocyclopentadiene	8.87	237	33299	13.55	ng	95

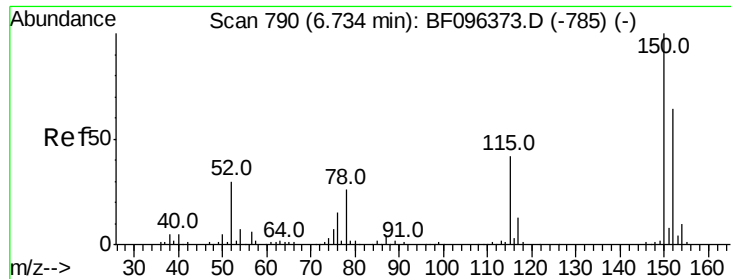
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	140315	35.09	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	144077	36.44	nq	96
45) 1,1'-Biphenyl	9.17	154	604168	36.22	nq	98
46) 2-Chloronaphthalene	9.20	162	464140	37.34	nq	94
47) 2-Nitroaniline	9.29	65	167088	36.95	nq	90
48) Acenaphthylene	9.61	152	759247	38.55	nq	99
49) Dimethylphthalate	9.48	163	726039	49.96	nq	100
50) 2,6-Dinitrotoluene	9.53	165	119457	37.18	nq	# 82
51) Acenaphthene	9.79	154	433050	35.67	nq	97
52) 3-Nitroaniline	9.70	138	147339	36.76	nq	92
54) Dibenzofuran	9.96	168	608176	37.94	nq	98
55) 4-Nitrophenol	9.87	139	155922	46.94	nq	# 72
56) 2,4-Dinitrotoluene	9.94	165	136577	33.56	nq	# 94
57) Fluorene	10.30	166	432206	38.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	94221	34.45	nq	# 97
59) Diethylphthalate	10.17	149	505807	36.83	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	184908	37.54	nq	94
61) 4-Nitroaniline	10.31	138	122618	33.65	nq	91
62) Azobenzene	10.45	77	451818	34.02	nq	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	5704	3.06	nq	88
65) n-Nitrosodiphenylamine	10.41	169	393186	41.51	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	111397	42.39	nq	96
67) Hexachlorobenzene	10.85	284	111781	38.86	nq	# 93
68) Atrazine	10.94	200	109463	40.45	nq	96
69) Pentachlorophenol	11.04	266	83567	49.01	nq	98
70) Phenanthrene	11.26	178	748354	51.28	nq	99
71) Anthracene	11.31	178	625851	42.08	nq	99
72) Carbazole	11.46	167	560212	37.46	nq	98
73) Di-n-butylphthalate	11.80	149	721361	39.82	nq	# 98
74) Fluoranthene	12.45	202	780042	54.52	nq	98
76) Benzidine	12.56	184	196372	22.60	nq	# 92
77) Pyrene	12.67	202	793435	54.58	nq	99
79) Butylbenzylphthalate	13.29	149	270450	36.75	nq	# 80
80) Benzo(a)anthracene	13.86	228	550450	52.48	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	145829	33.85	nq	# 98
82) Chrysene	13.89	228	525450	47.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	316226	38.49	nq	# 100
84) Di-n-octyl phthalate	14.47	149	608382	37.61	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.64	276	356394	41.11	nq	99
87) Benzo(b)fluoranthene	14.88	252	533910	50.16	nq	97
88) Benzo(k)fluoranthene	14.90	252	387465	40.69	nq	96
89) Benzo(a)pyrene	15.22	252	461897	48.60	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	256553	34.32	nq	98
91) Benzo(g,h,i)perylene	17.05	276	298058	38.47	nq	98

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

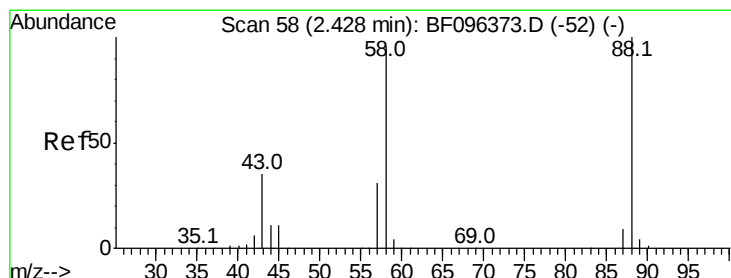
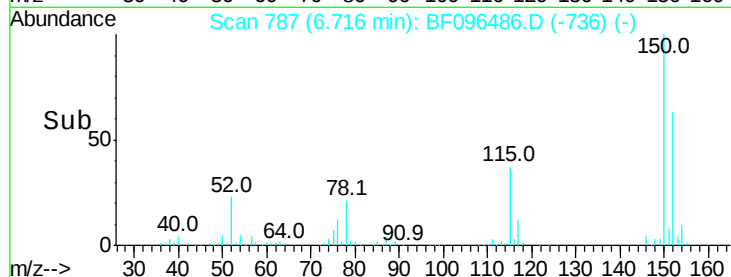
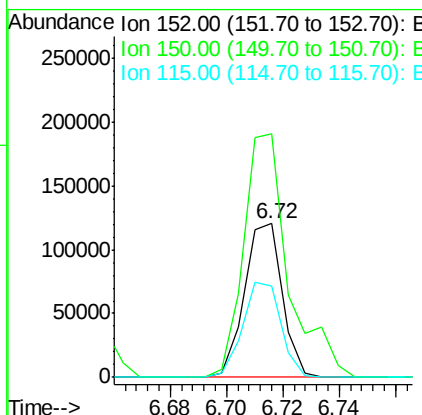
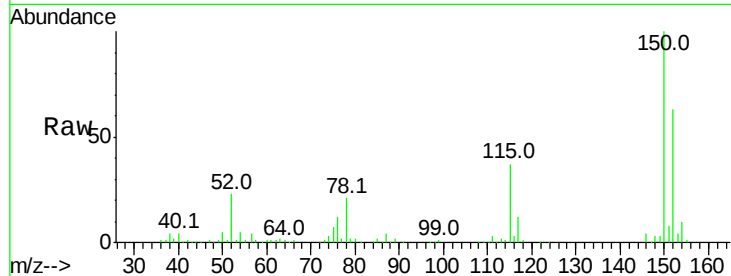


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

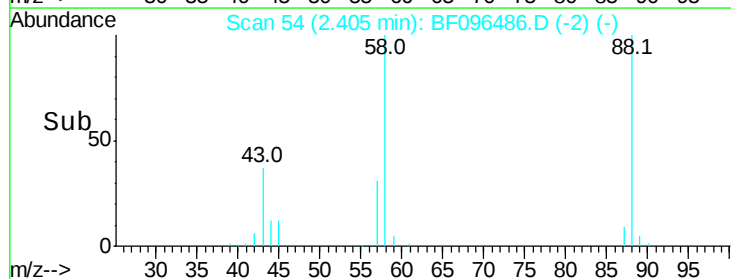
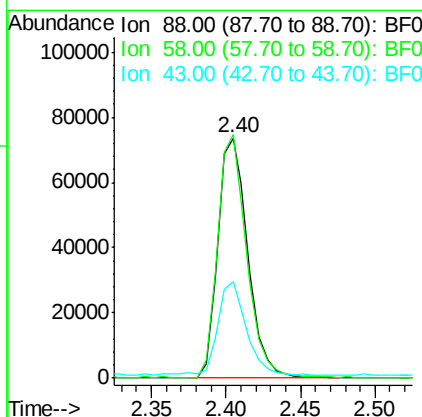
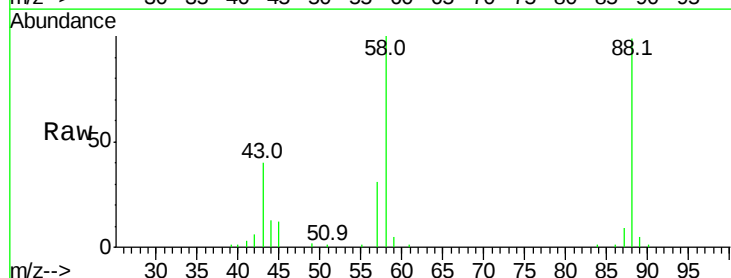
Tot Ion:152 Resp: 112248
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.1 52.2 78.2

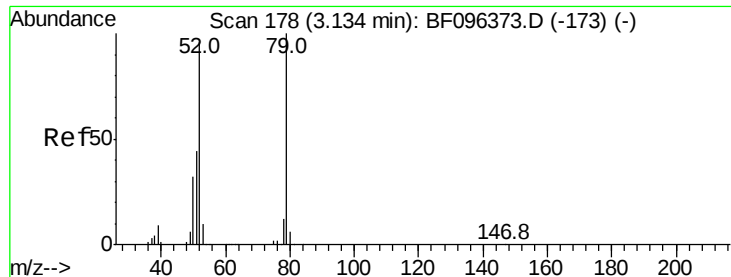


#2

1,4-Dioxane
Concen: 28.70 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 88 Resp: 103485
Ion Ratio Lower Upper
88 100
58 98.6 61.4 92.0#
43 38.3 23.4 35.0#





#3

Pvridine

Concen: 29.72 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

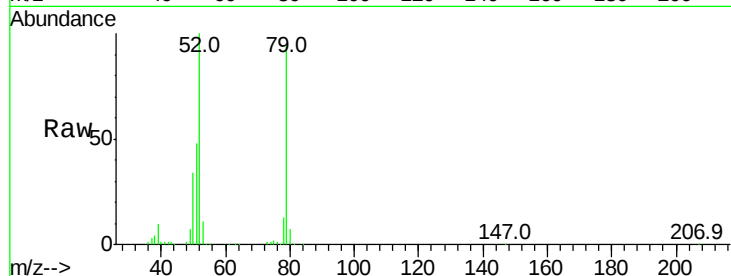
Tot Ion: 79 Resp: 294070

Ion Ratio Lower Upper

79 100

52 106.2 54.8 82.2#

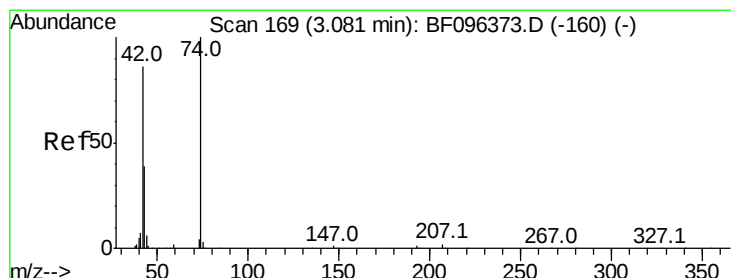
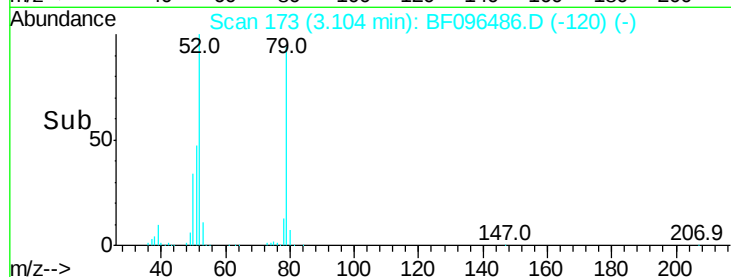
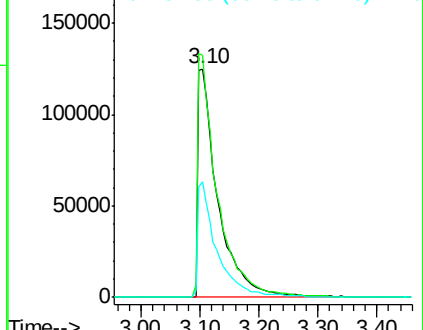
51 50.5 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.80 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

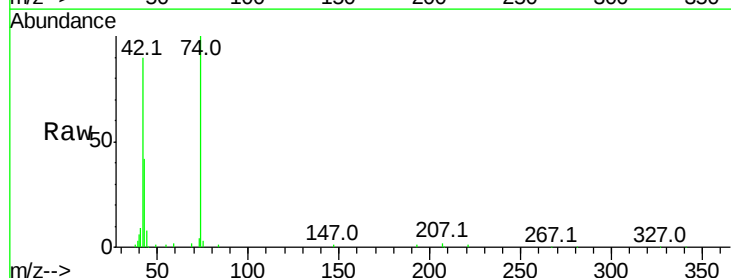
Tgt Ion: 42 Resp: 174847

Ion Ratio Lower Upper

42 100

74 111.0 103.9 155.9

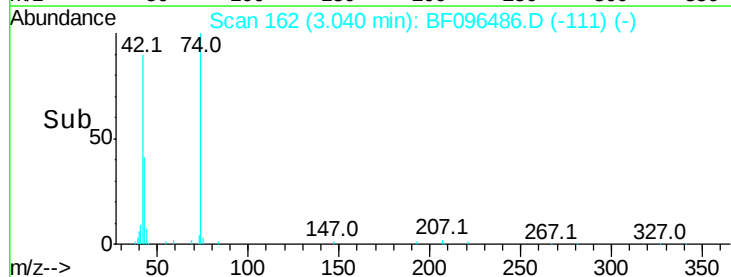
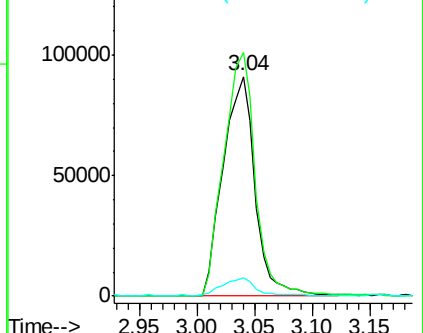
44 8.4 5.7 8.5

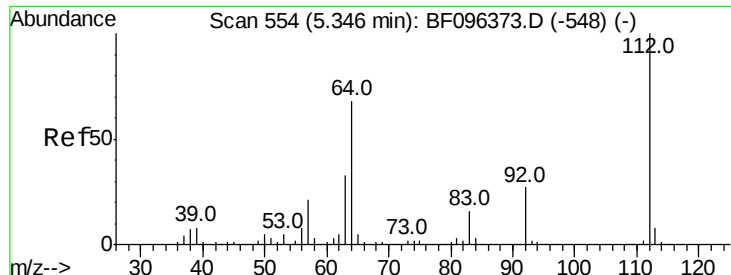


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.09 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

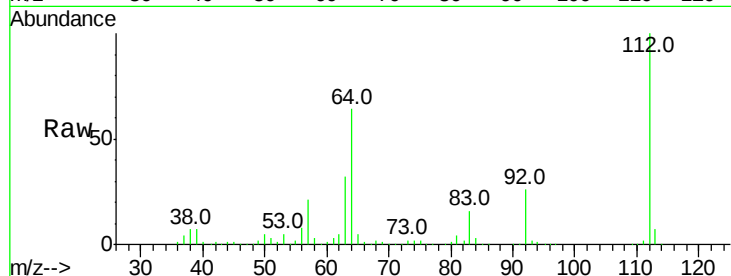
Tot Ion:112 Resp: 882879

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

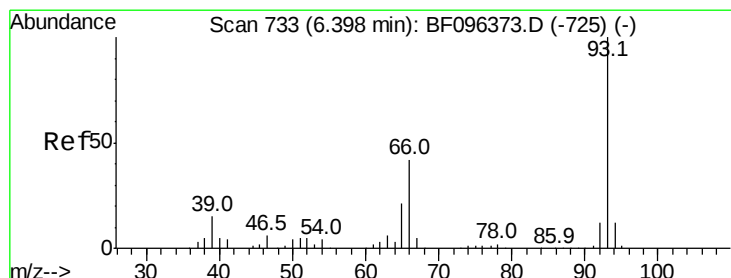
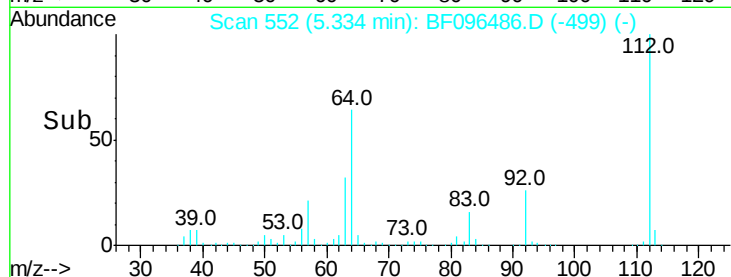
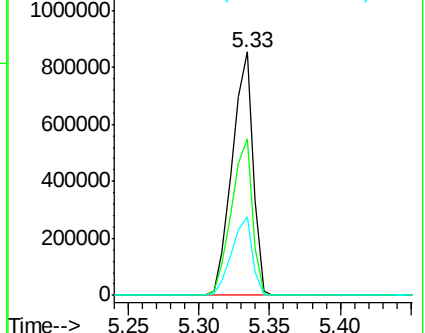
63 32.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.34 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

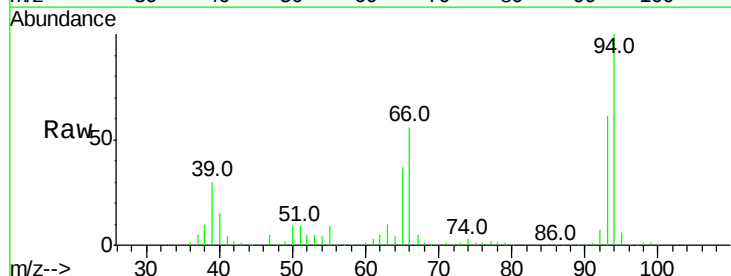
Tgt Ion: 93 Resp: 354595

Ion Ratio Lower Upper

93 100

66 91.6 32.9 49.3#

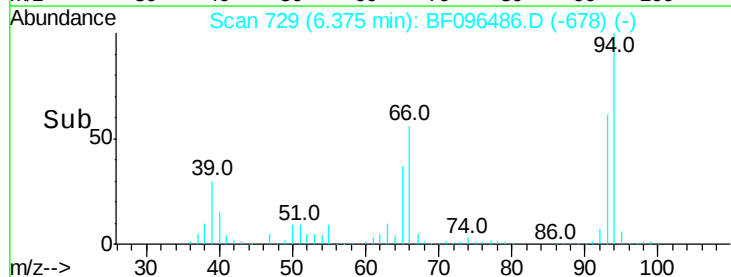
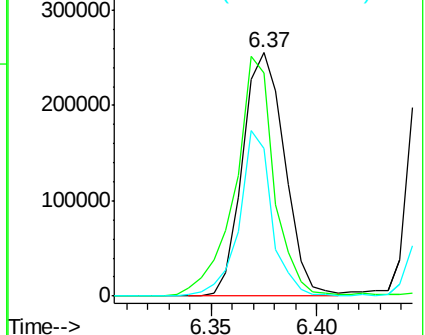
65 60.6 16.0 24.0#

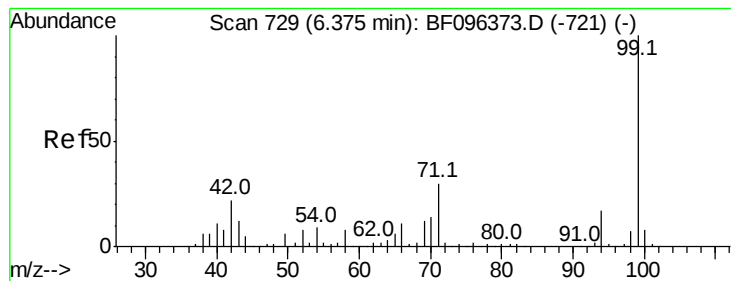


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.42 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

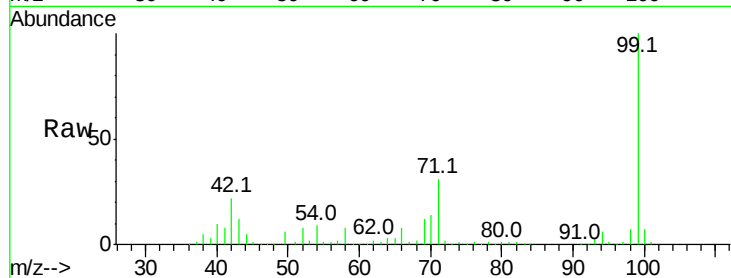
Instrument :

BNA_F

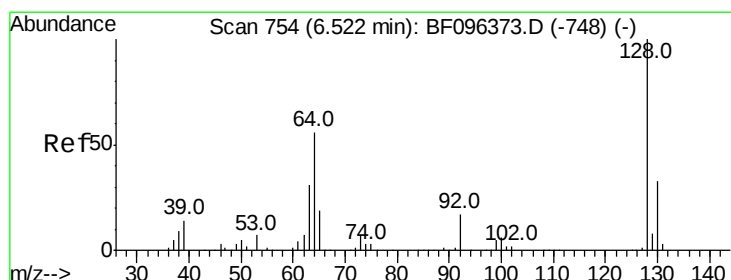
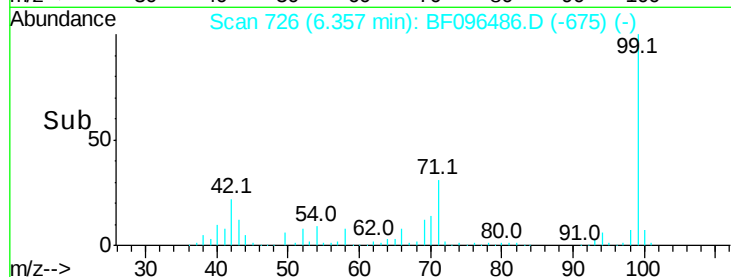
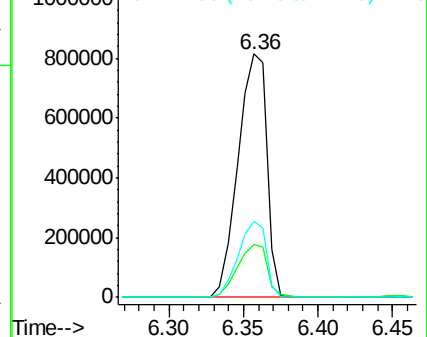
ClientSampleId :

Tot Ion: 99 Resp: 1097831

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.50 min Scan# 751

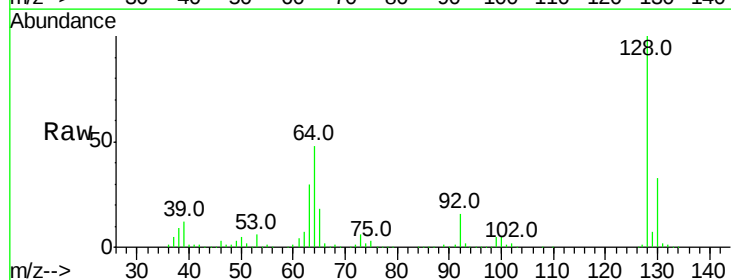
Delta R.T. 0.01 min

Lab File: BF096486.D

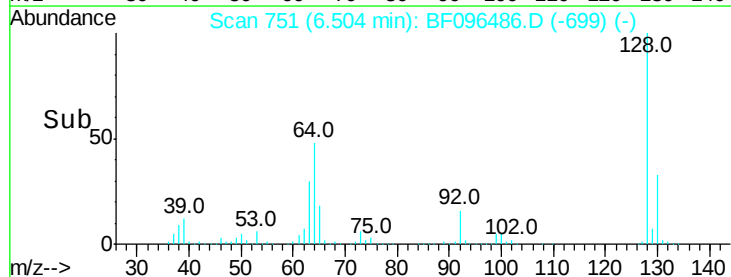
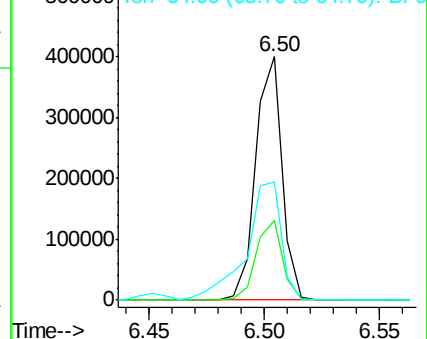
Acq: 5 Jul 2017 16:15

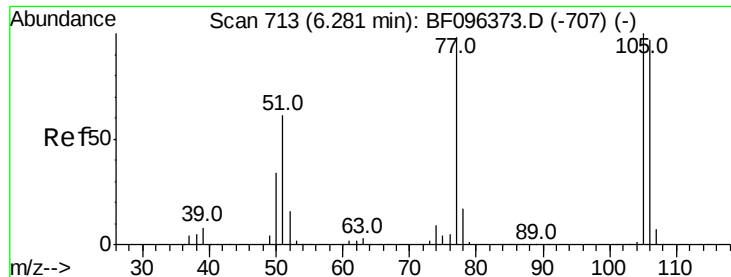
Tgt Ion:128 Resp: 319898

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	48.4	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.67 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

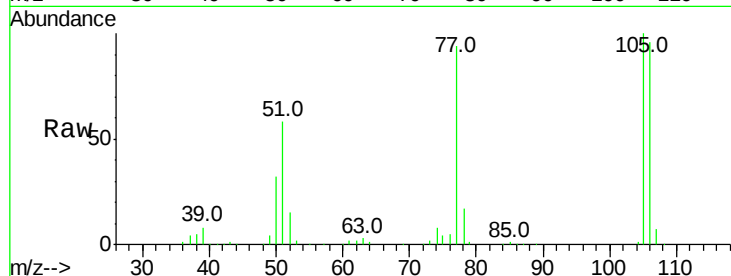
Tot Ion: 77 Resp: 167770

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

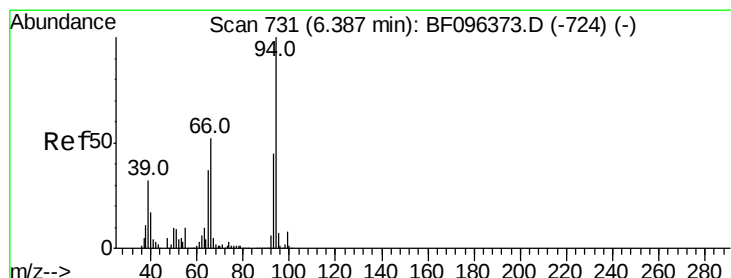
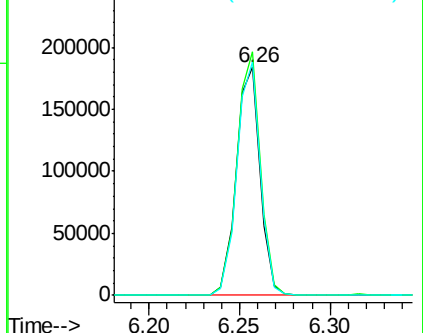
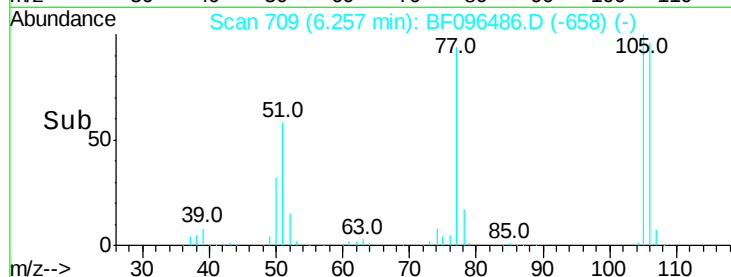
106 102.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.69 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

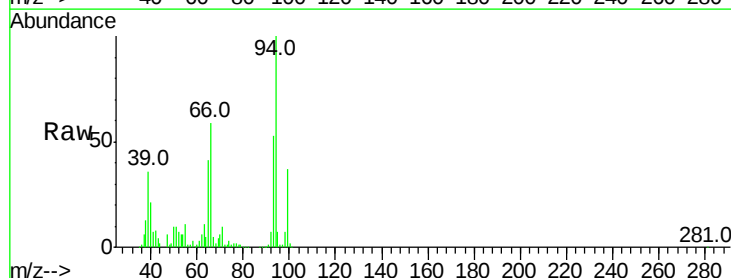
Tgt Ion: 94 Resp: 390844

Ion Ratio Lower Upper

94 100

65 40.6 9.9 49.9

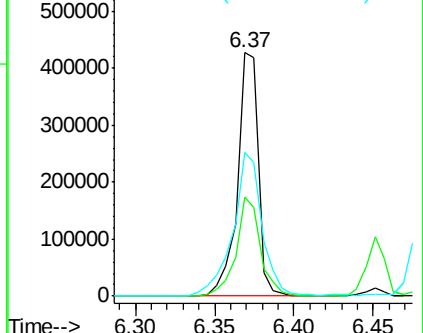
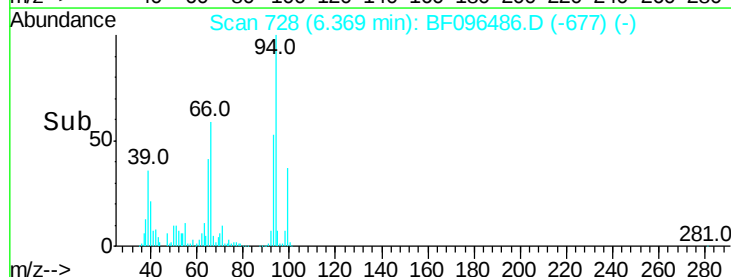
66 58.9 23.1 63.1

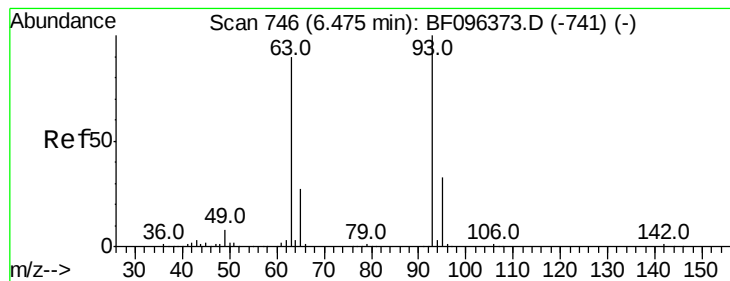


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampled :

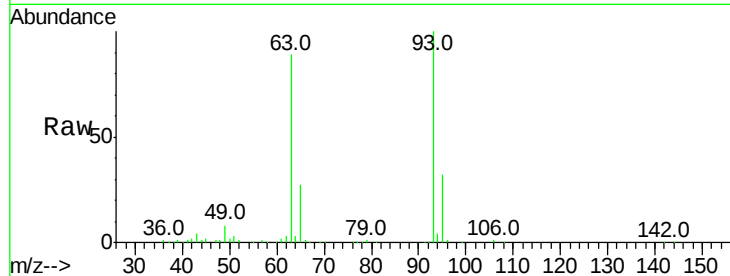
Tot Ion: 93 Resp: 324157

Ion	Ratio	Lower	Upper
93	100		
63	89.4	59.2	99.2
95	32.2	12.8	52.8

93 100

63 89.4 59.2 99.2

95 32.2 12.8 52.8

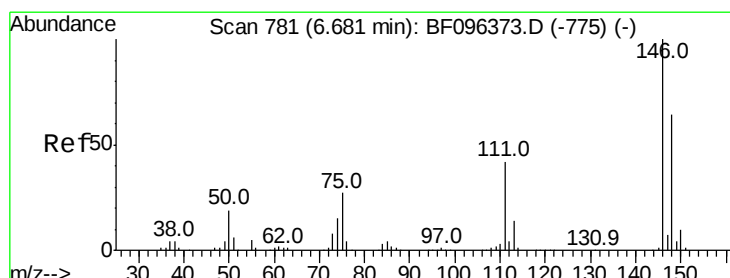
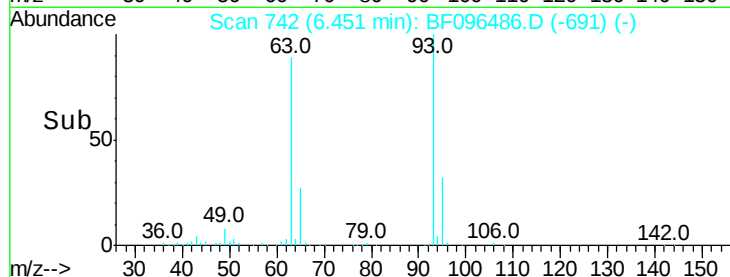
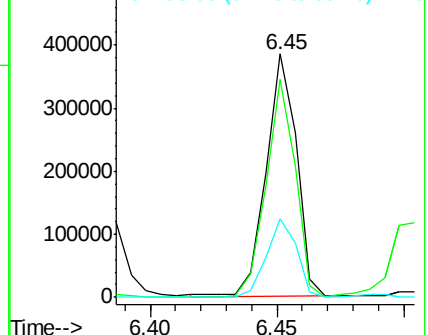


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.31 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

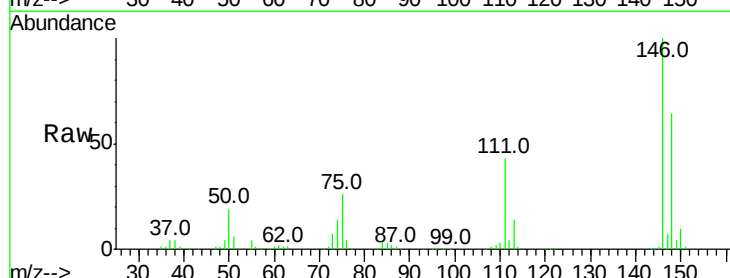
Tgt Ion: 146 Resp: 308790

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	26.1	23.1	34.7

146 100

148 63.8 51.8 77.6

75 26.1 23.1 34.7

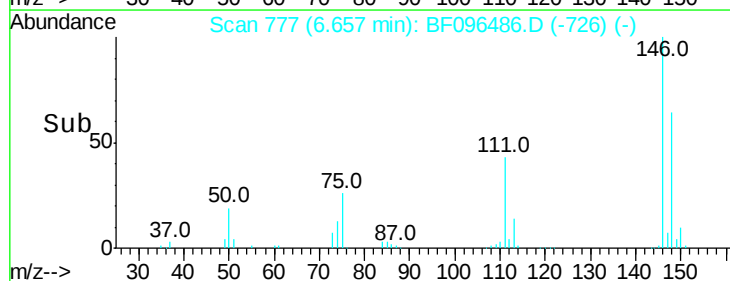
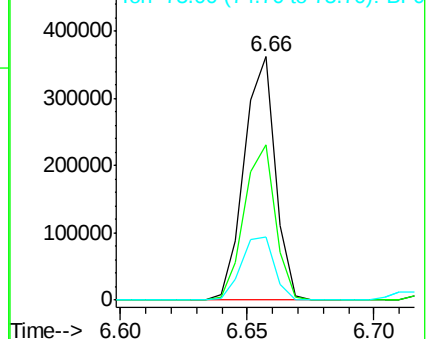


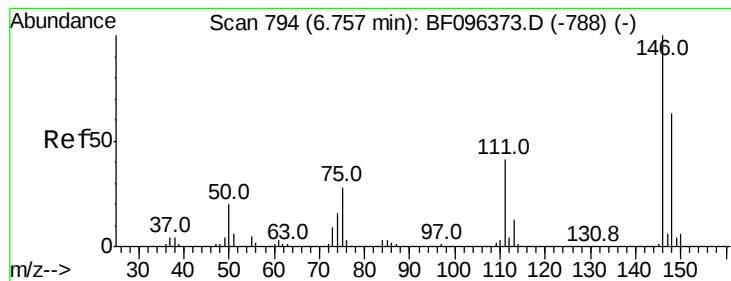
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.57 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampled :

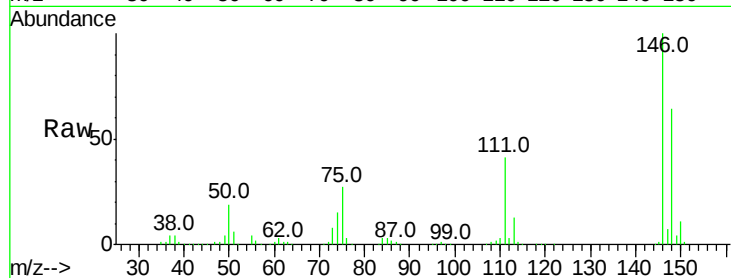
Tot Ion:146 Resp: 310818

Ion Ratio Lower Upper

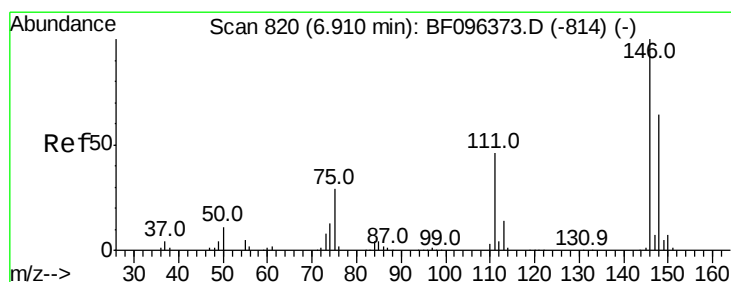
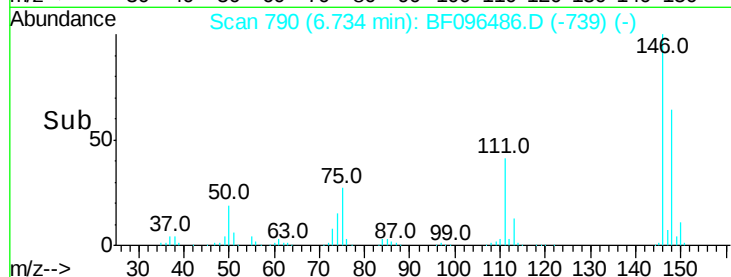
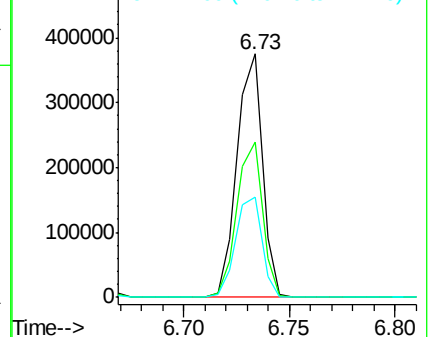
146 100

148 63.6 52.2 78.2

111 41.0 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 36.95 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

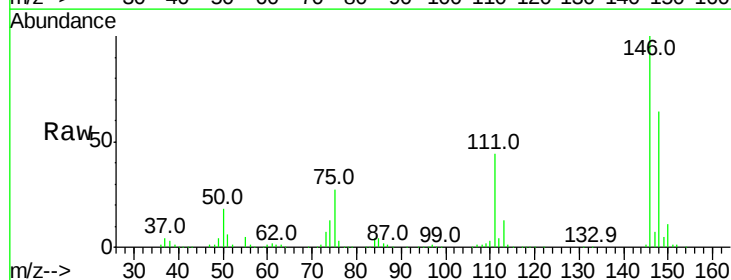
Tgt Ion:146 Resp: 288388

Ion Ratio Lower Upper

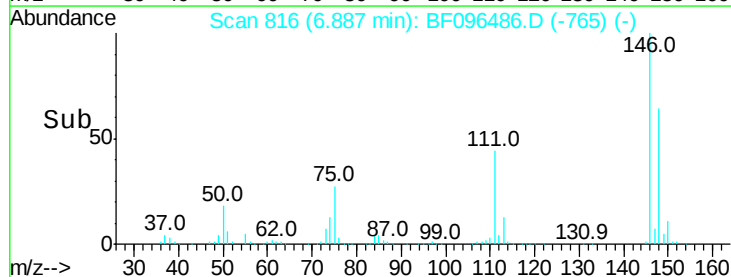
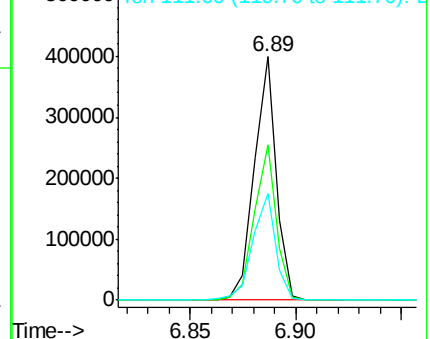
146 100

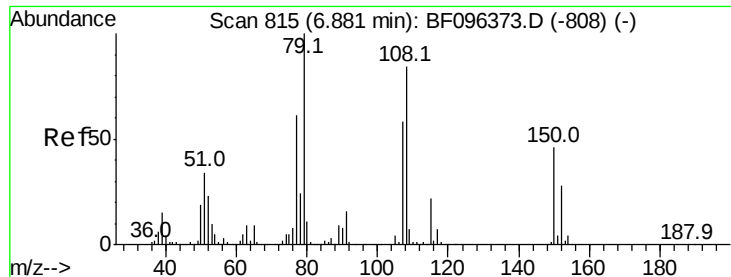
148 63.7 50.4 75.6

111 43.7 38.2 57.4



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: 38.56 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

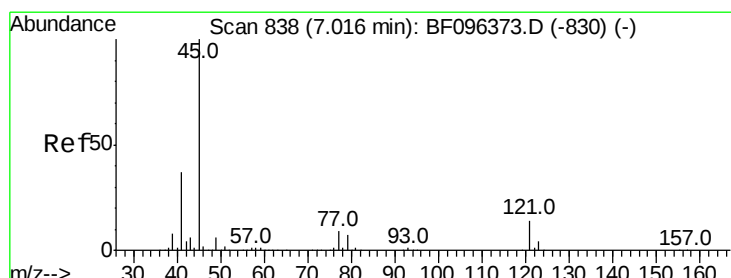
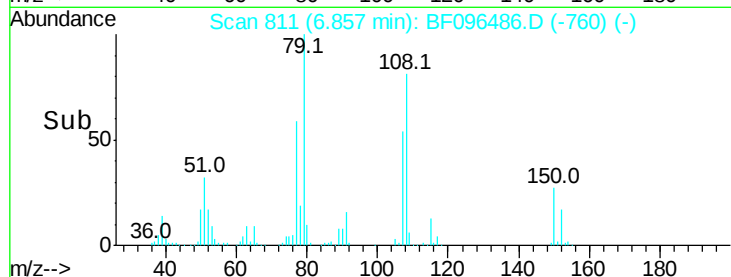
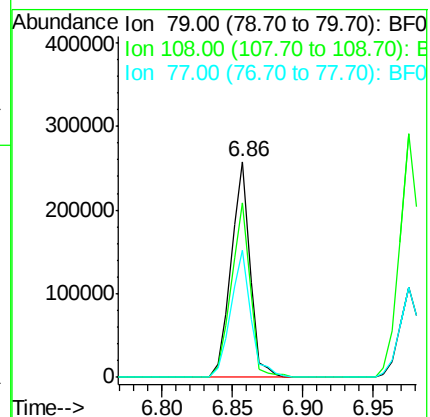
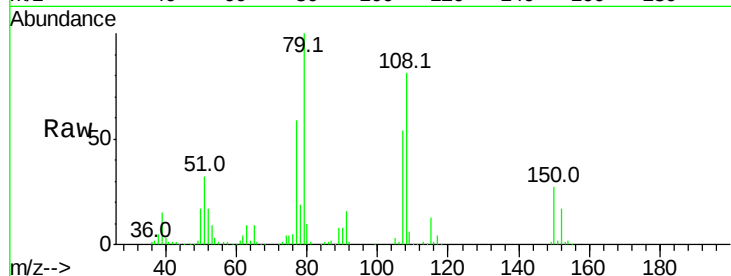
Tot Ion: 79 Resp: 241016

Ion Ratio Lower Upper

79 100

108 80.7 63.4 95.0

77 59.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.81 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

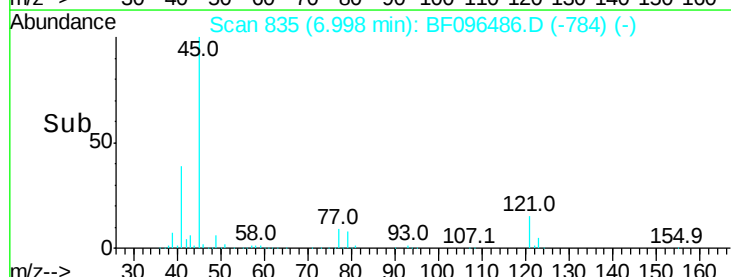
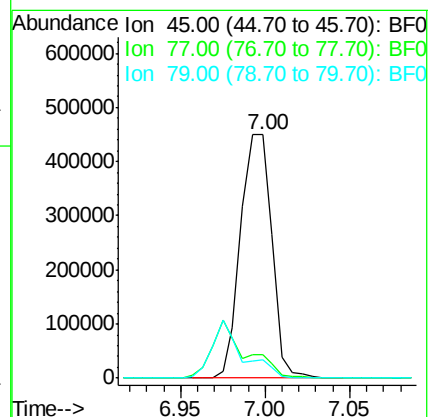
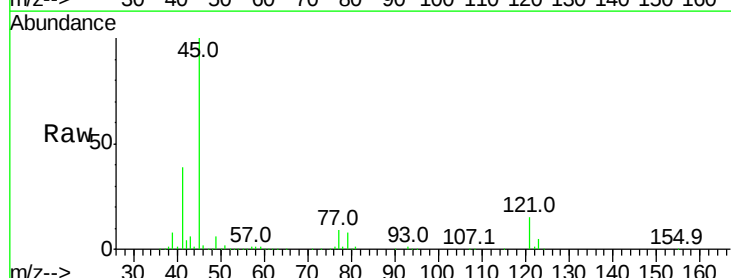
Tgt Ion: 45 Resp: 582446

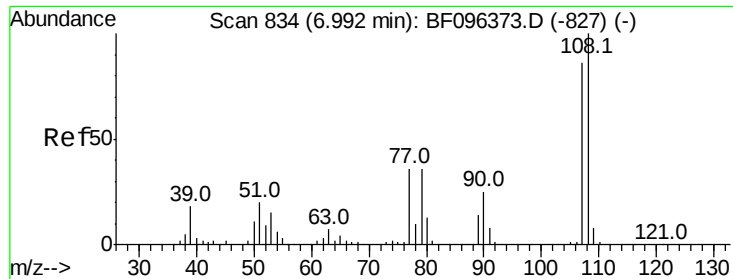
Ion Ratio Lower Upper

45 100

77 9.4 0.0 33.2

79 7.6 0.0 30.0





#17

2-Methylphenol

Concen: 36.07 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 233151

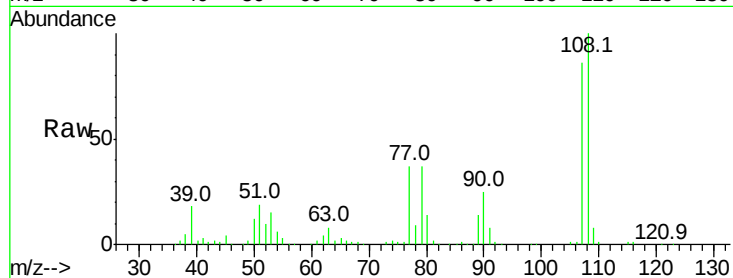
Ion Ratio Lower Upper

107 100

108 115.8 93.4 140.0

77 42.8 35.8 53.6

79 43.1 34.8 52.2

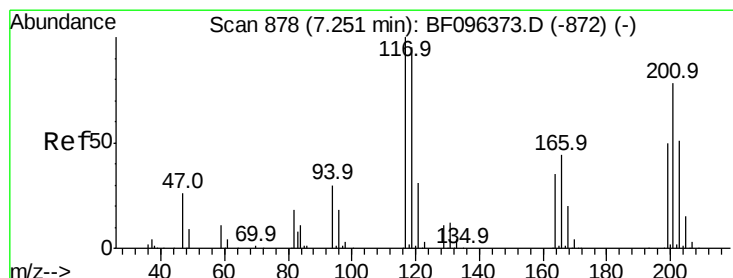
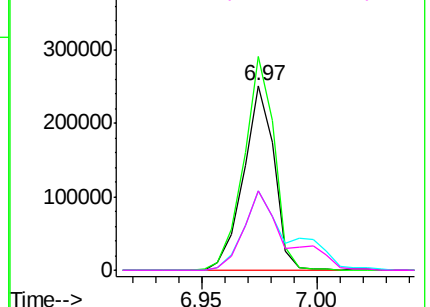
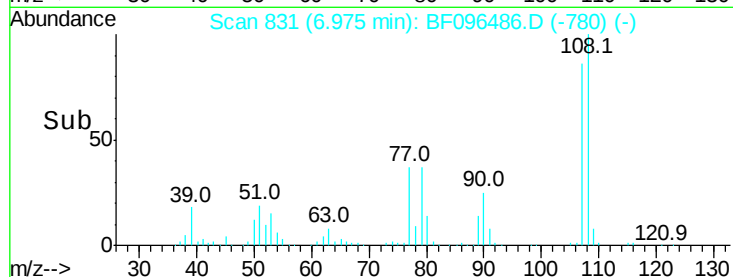


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.49 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

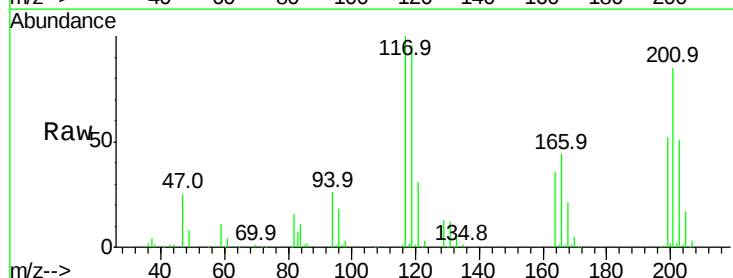
Tgt Ion:117 Resp: 93951

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

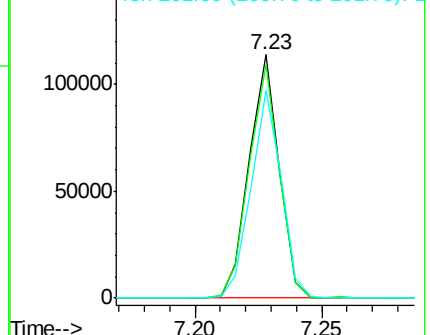
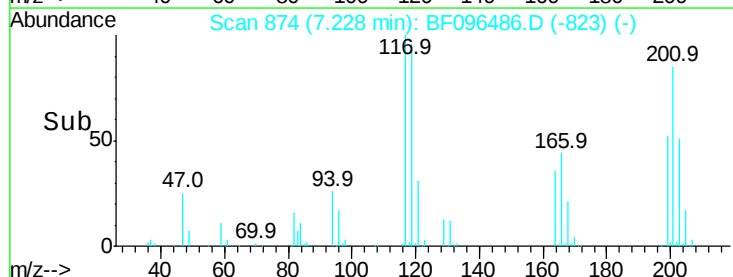
201 85.1 94.6 141.8#

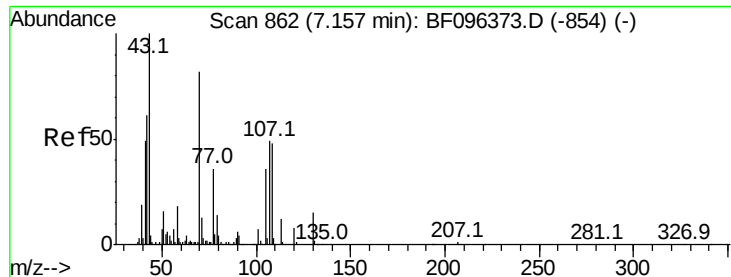


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

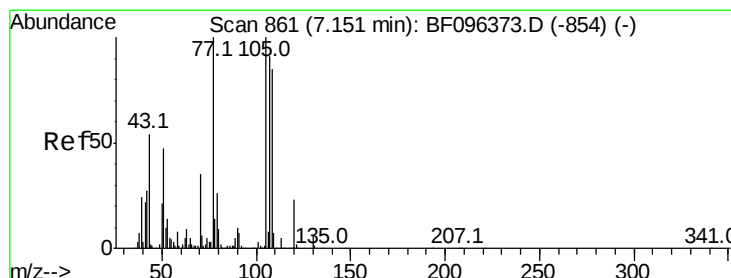
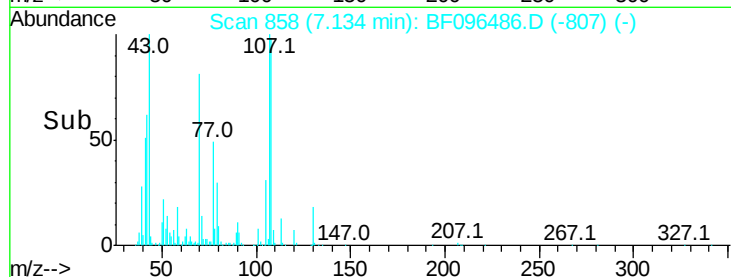
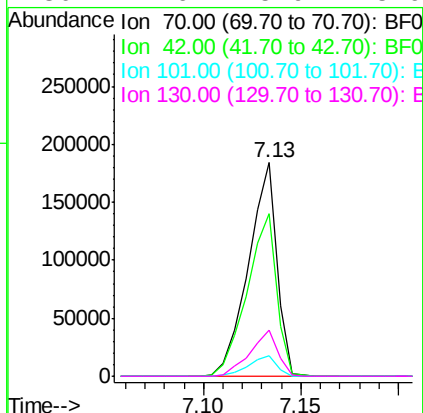
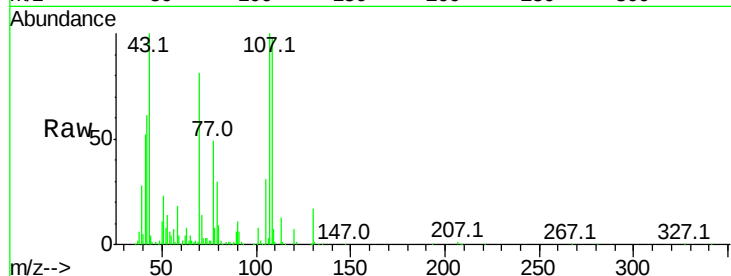




#19
n-Nitroso-di-n-propylamine
Concen: 33.39 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

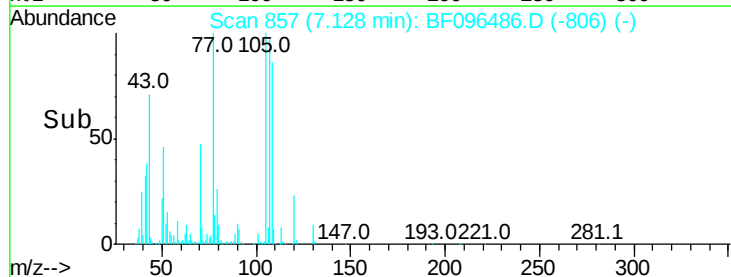
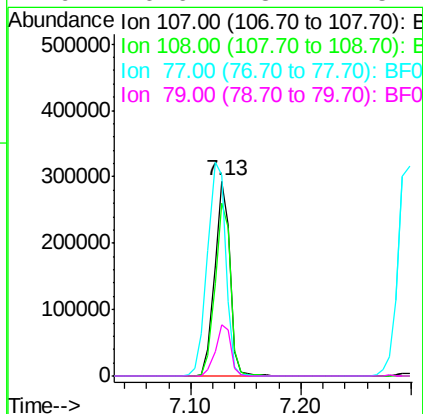
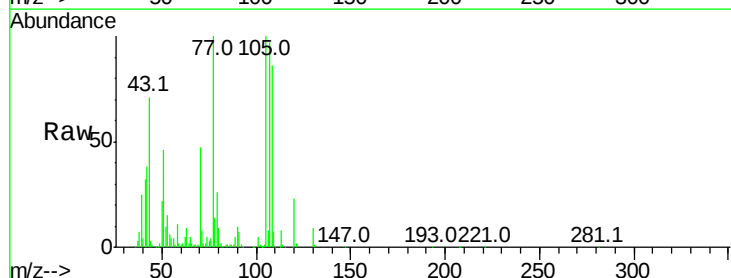
Instrument :
BNA_F
ClientSampleId :

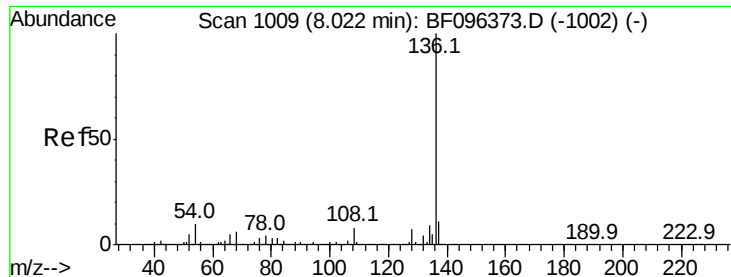
Tot Ion:	70	Resp:	185962
Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.2	70.8#
101	9.5	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.60 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:	107	Resp:	278267
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	103.2	90.5	130.5
79	26.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 464793

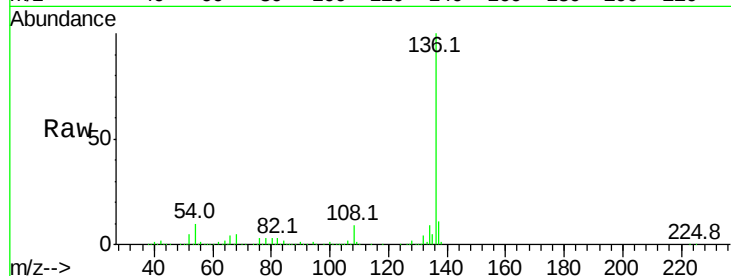
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.6 4.9 7.3#

68 4.7 4.1 6.1

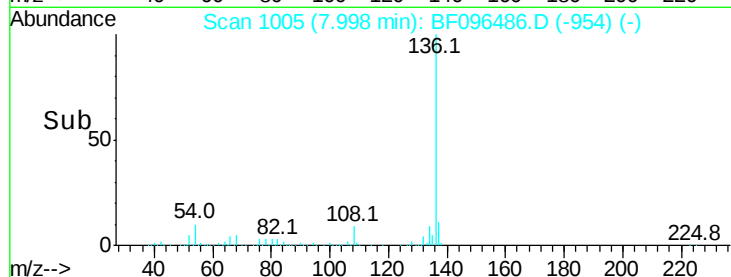


Abundance Ion 136.00 (135.70 to 136.70): E

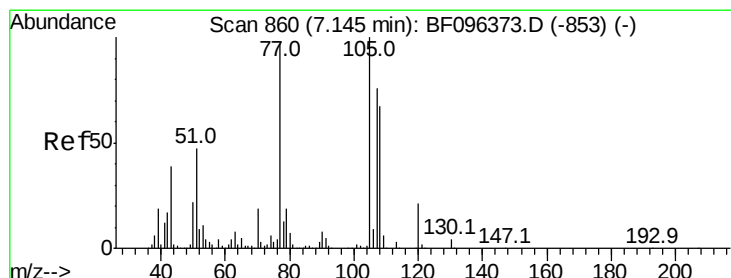
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.27 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:105 Resp: 378505

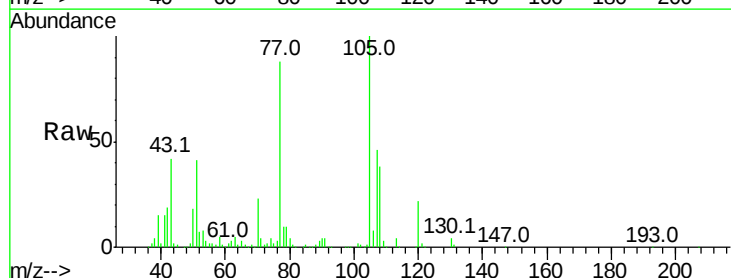
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 41.0 30.7 46.1

120 21.8 17.4 26.0

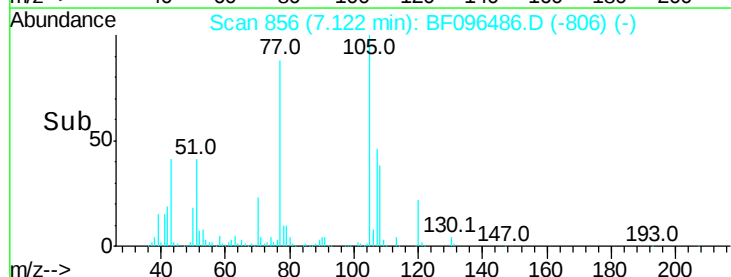


Abundance Ion 105.00 (104.70 to 105.70): E

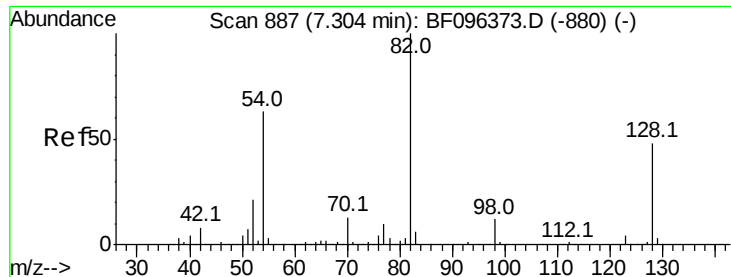
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



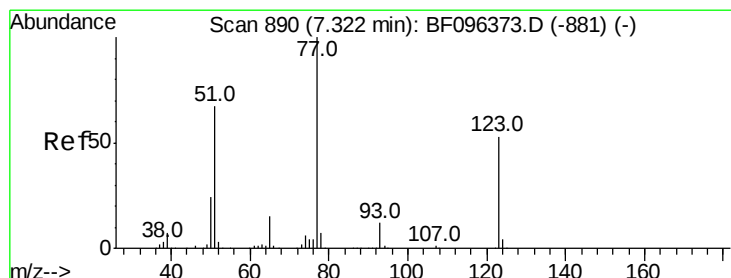
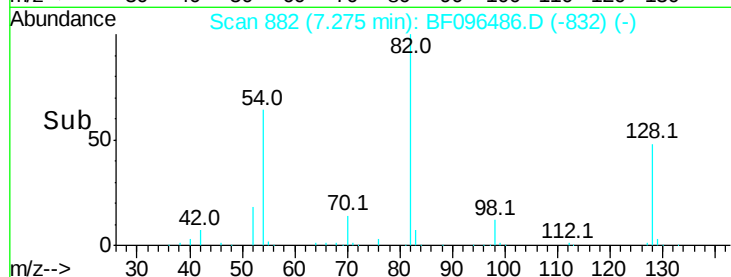
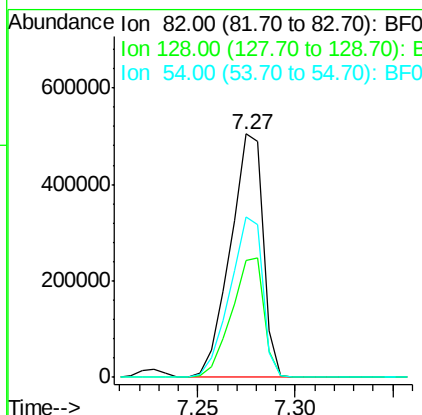
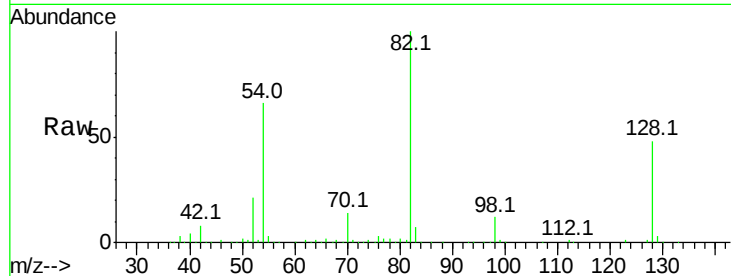
Time-->



#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

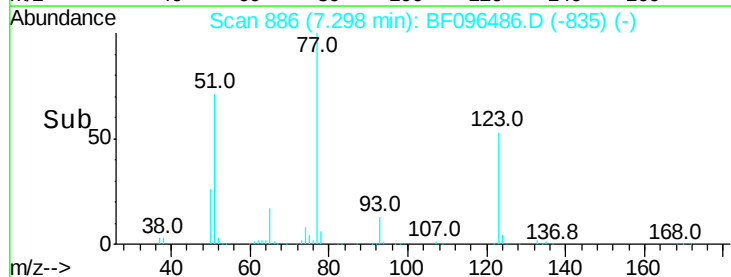
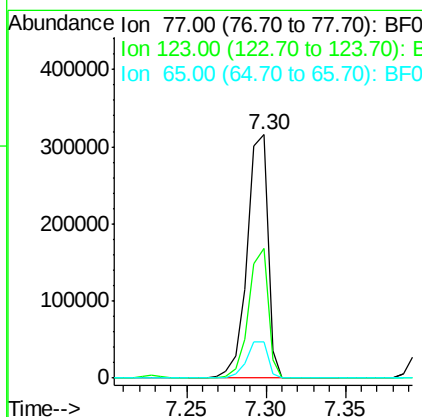
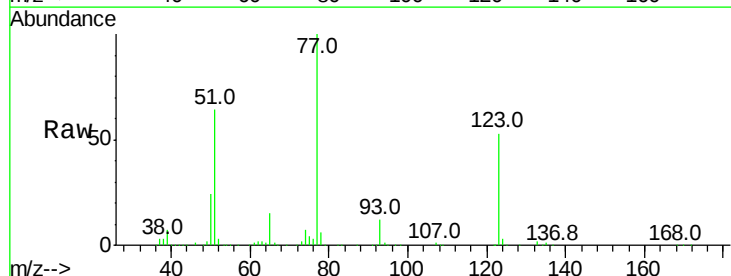
Instrument :
BNA_F
ClientSampleId :

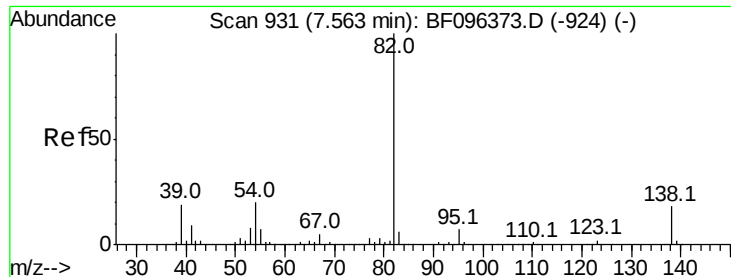
Tot Ion: 82 Resp: 587828
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 66.0 42.2 63.2#



#24
Nitrobenzene
Concen: 35.17 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 77 Resp: 285398
Ion Ratio Lower Upper
77 100
123 53.2 35.8 53.8
65 14.7 10.6 15.8





#25

Isophorone

Concen: 33.71 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

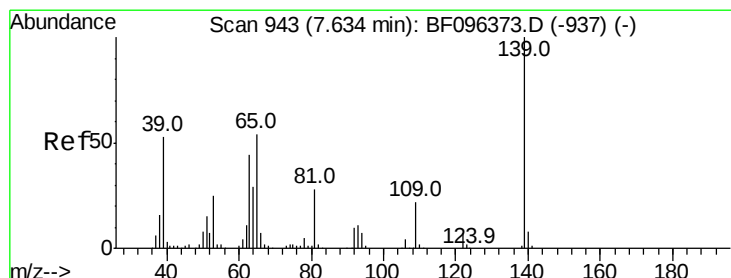
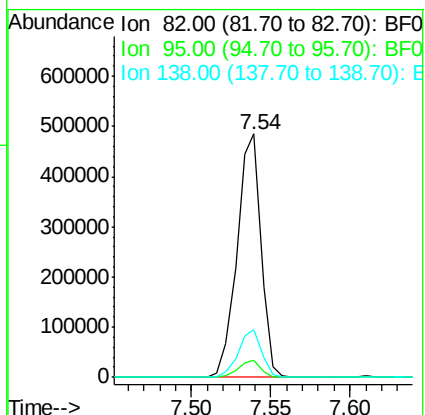
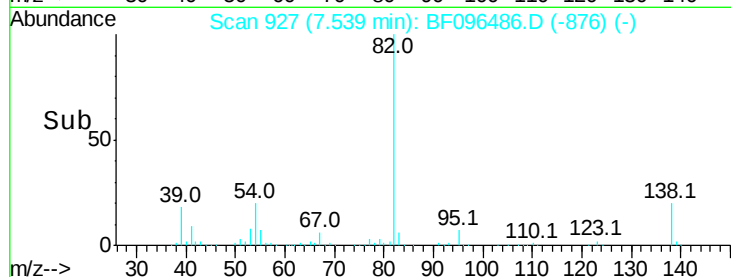
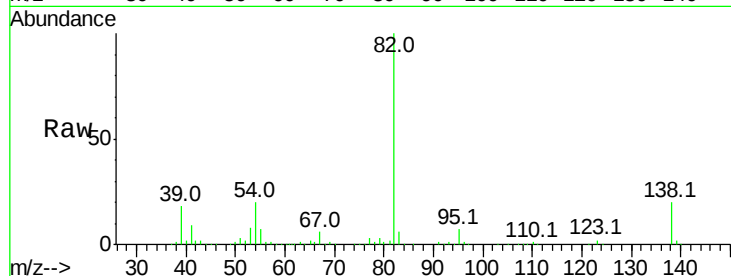
Tot Ion: 82 Resp: 505509

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 32.06 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

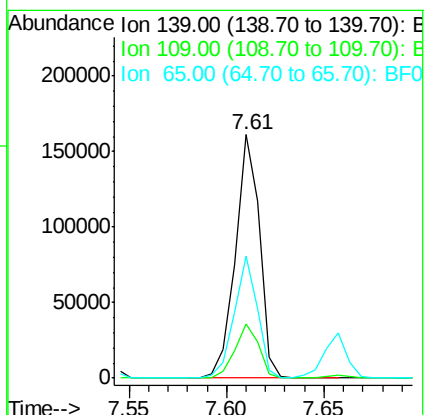
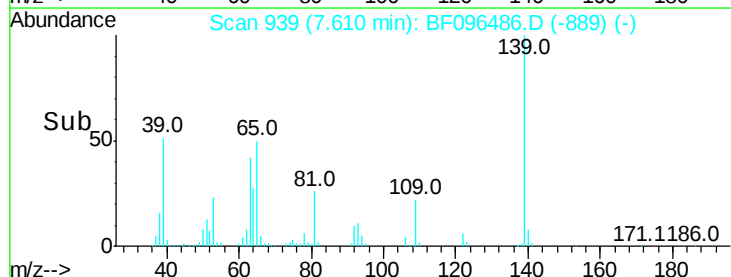
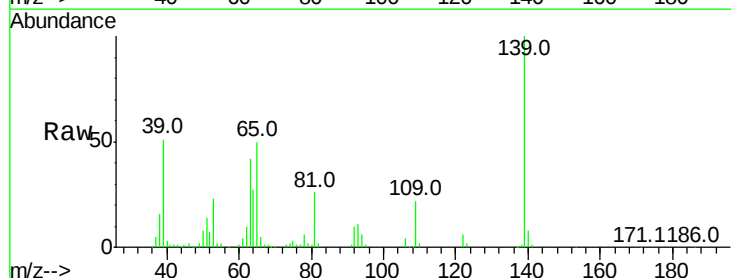
Tgt Ion:139 Resp: 137707

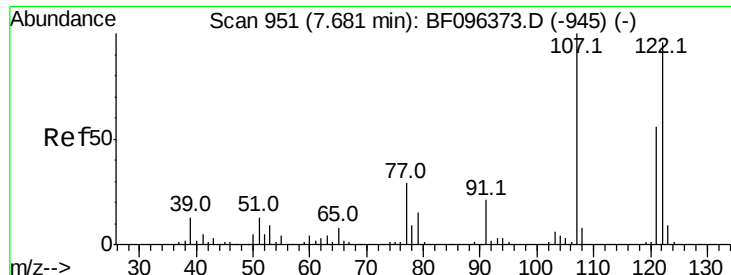
Ion Ratio Lower Upper

139 100

109 22.2 21.0 31.6

65 49.9 33.0 49.6#

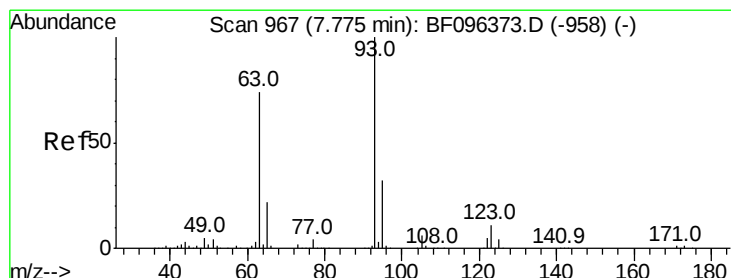
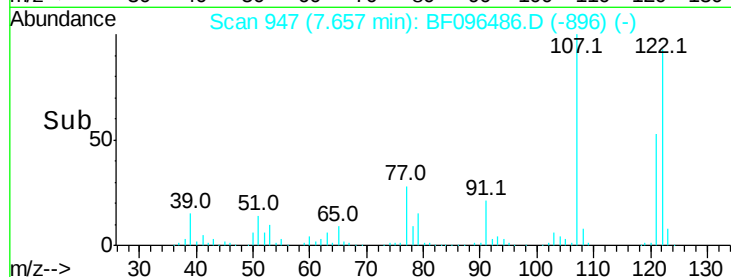
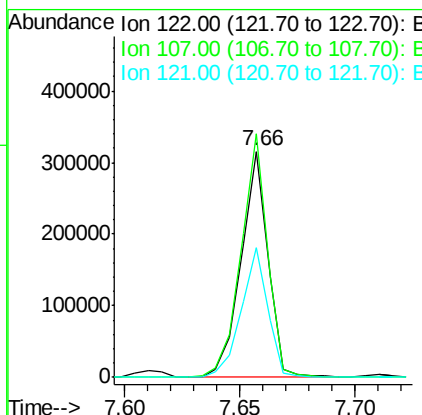
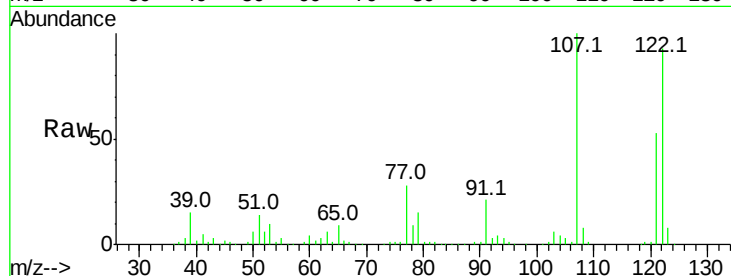




#27
 2,4-Dimethylphenol
 Concen: 35.20 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

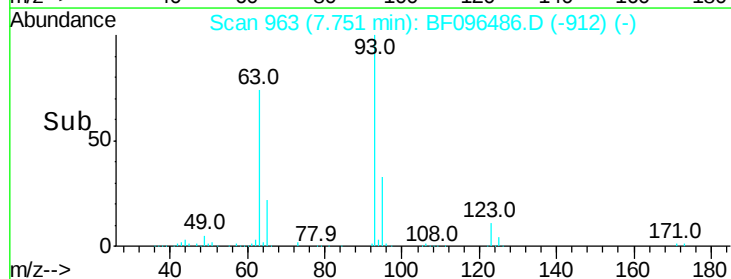
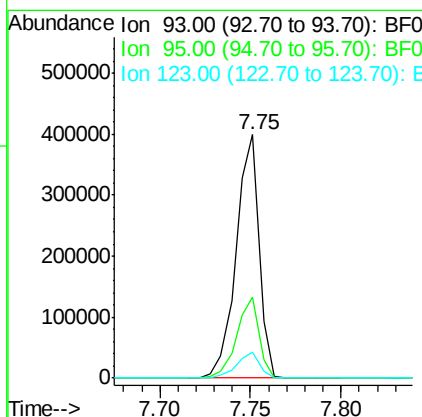
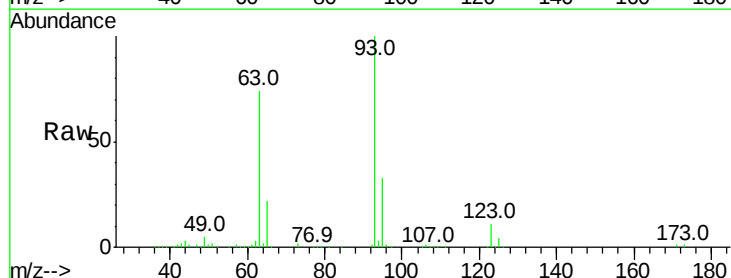
Instrument :
 BNA_F
 ClientSampleId :

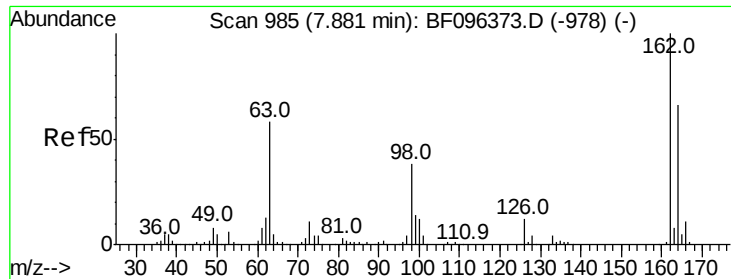
Tot Ion:122 Resp: 257445
 Ion Ratio Lower Upper
 122 100
 107 107.9 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.46 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion: 93 Resp: 351046
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.5 39.7
 123 10.9 9.0 13.4

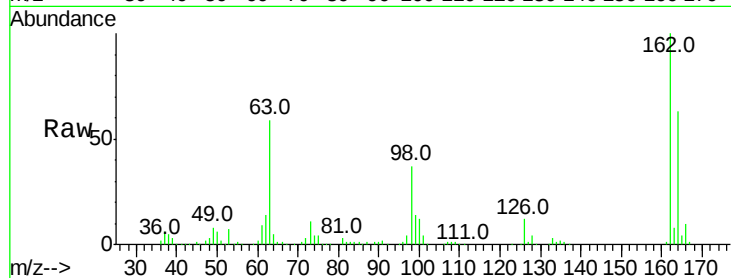




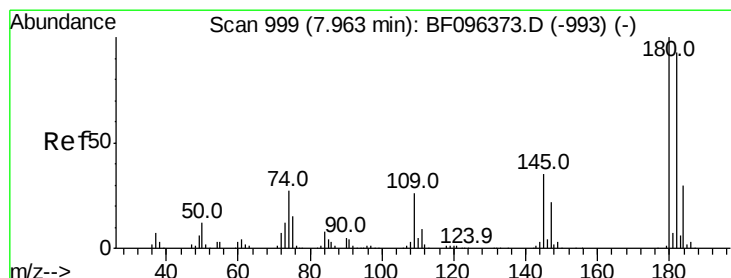
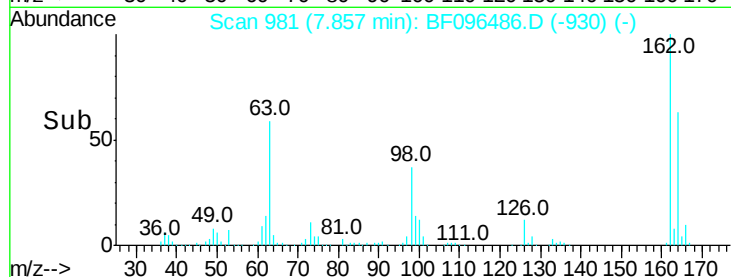
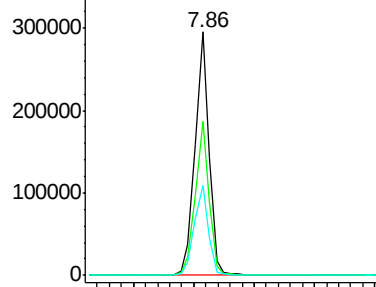
#29
 2,4-Dichlorophenol
 Concen: 37.63 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	37.2	14.8	54.8



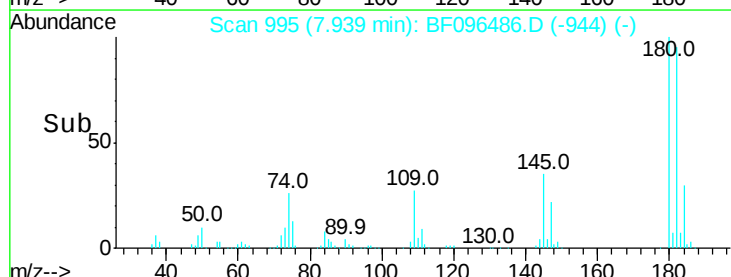
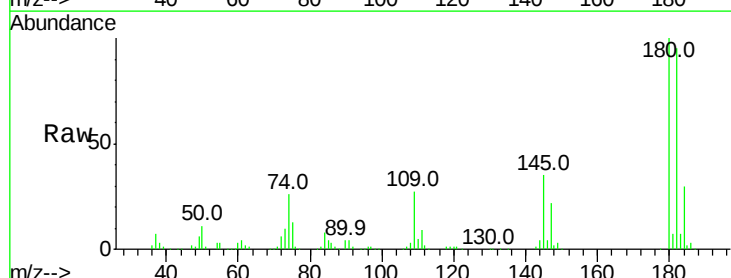
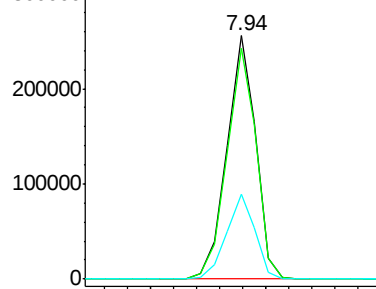
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

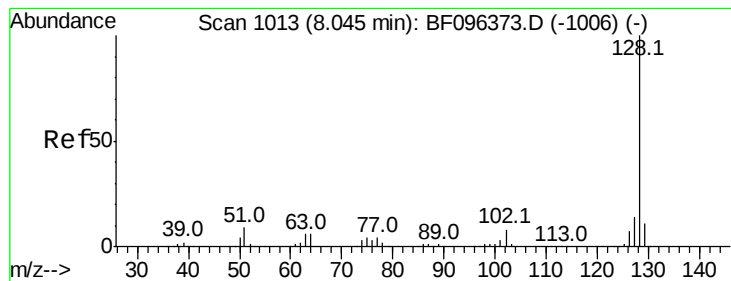


#30
 1,2,4-Trichlorobenzene
 Concen: 37.47 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	35.0	25.3	37.9

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: 37.69 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampled :

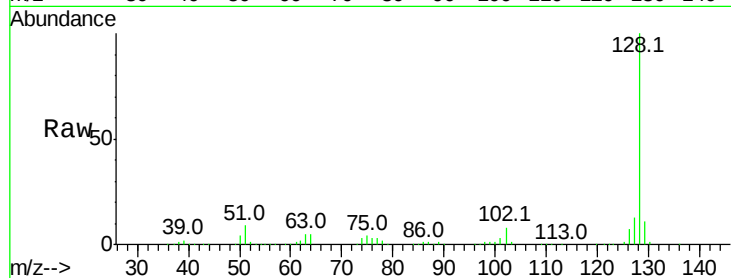
Tot Ion:128 Resp: 826976

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

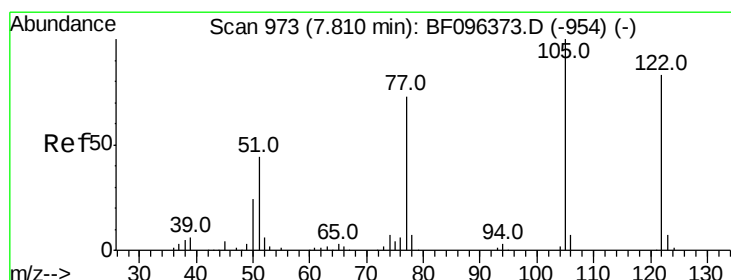
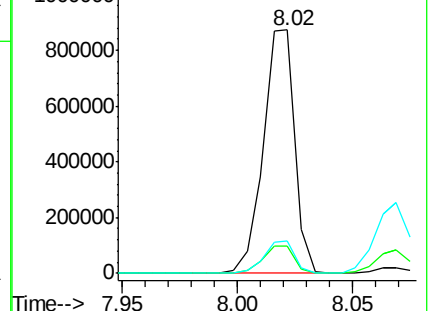
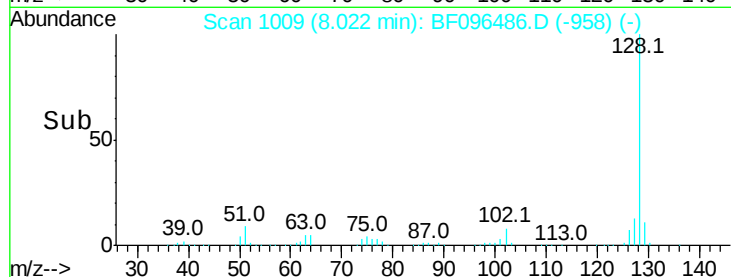
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.92 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.14 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

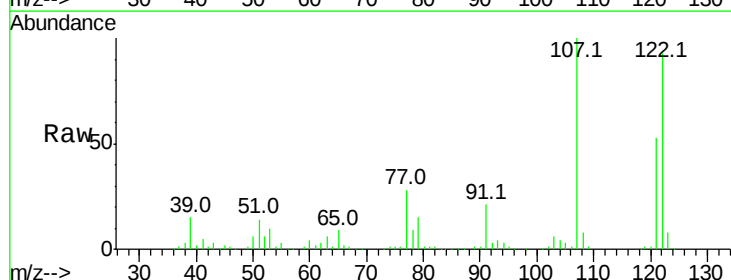
Tgt Ion:122 Resp: 257445

Ion Ratio Lower Upper

122 100

105 3.5 103.3 143.3#

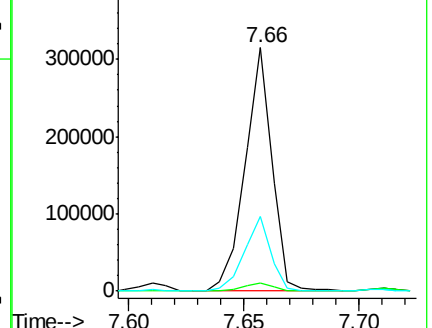
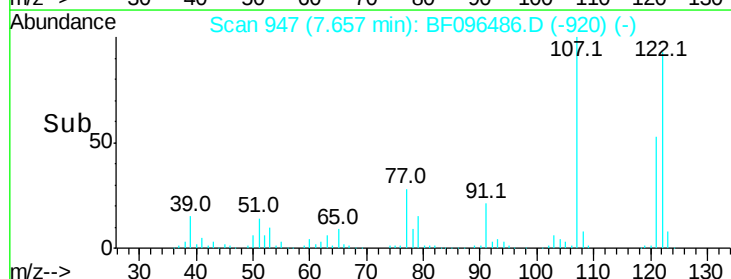
77 30.4 73.7 113.7#

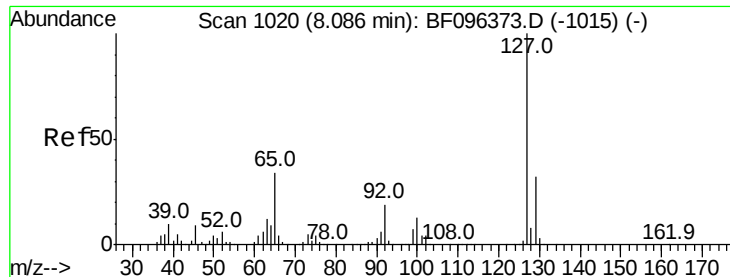


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

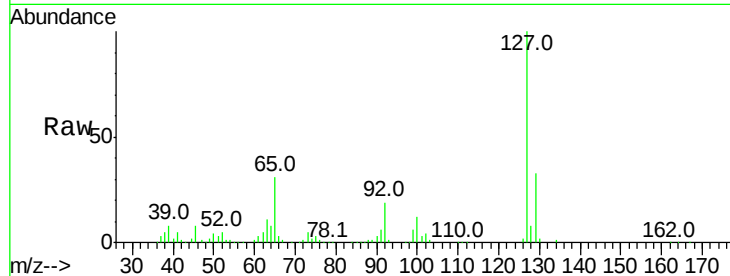




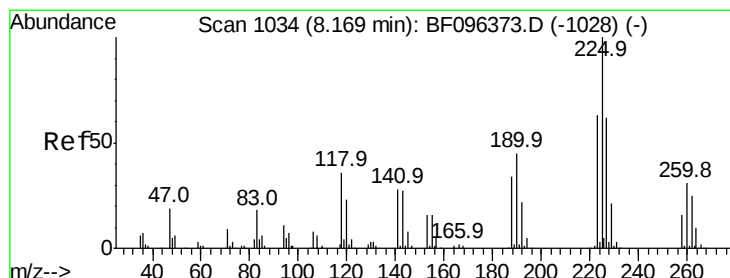
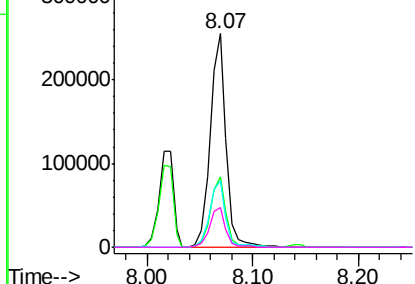
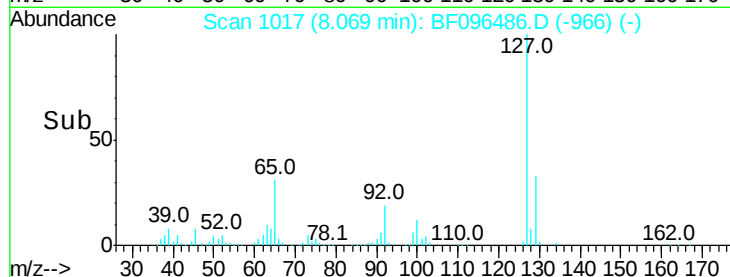
#33
4-Chloroaniline
Concen: 29.53 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	269114
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.2 39.2
65	30.9	27.8 41.8
92	18.9	16.8 25.2

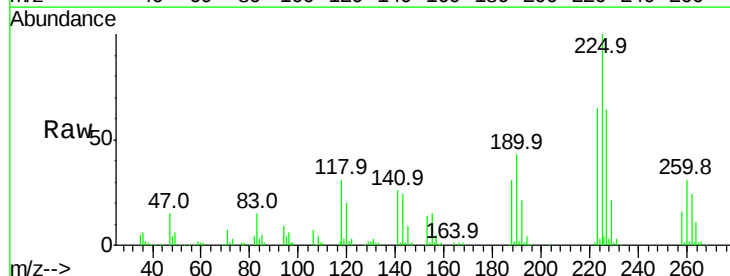


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

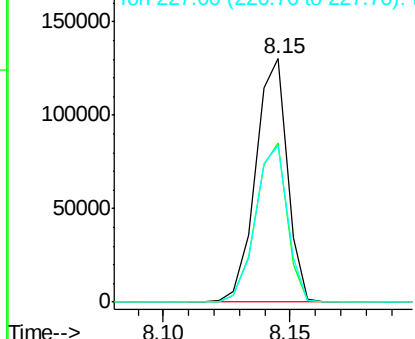
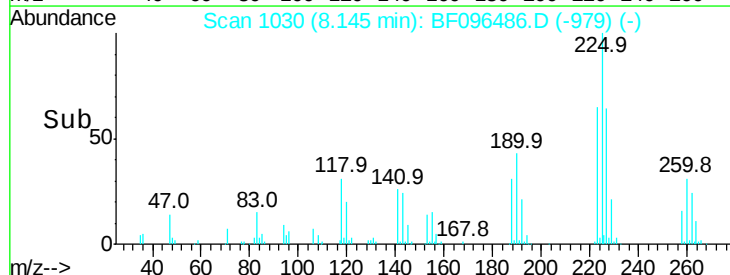


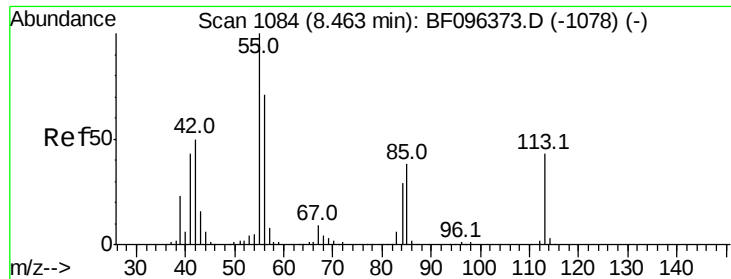
#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:225	Resp:	114477
Ion Ratio	Lower	Upper
225	100	
223	65.4	48.8 73.2
227	64.2	51.1 76.7



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: 33.68 ng

RT: 8.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

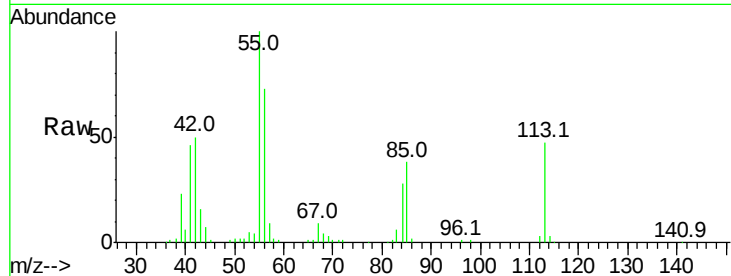
Tot Ion:113 Resp: 73284

Ion Ratio Lower Upper

113 100

55 211.2 150.2 190.2#

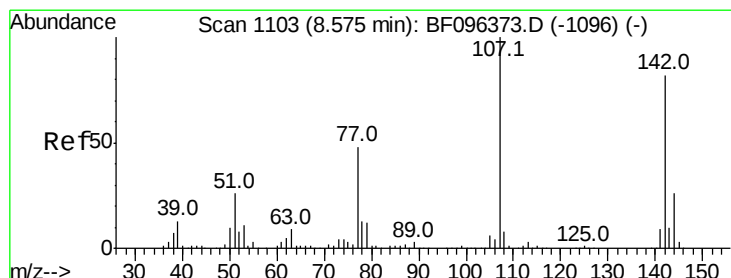
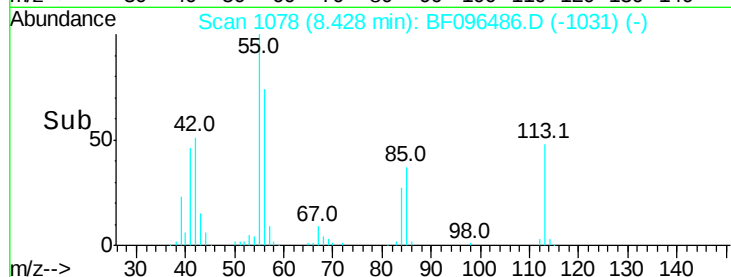
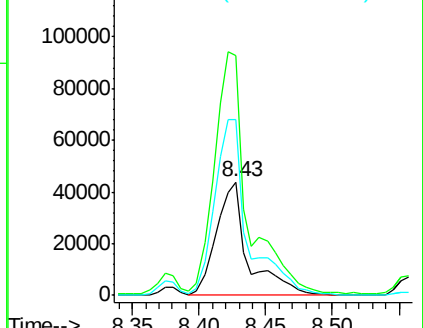
56 154.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.31 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

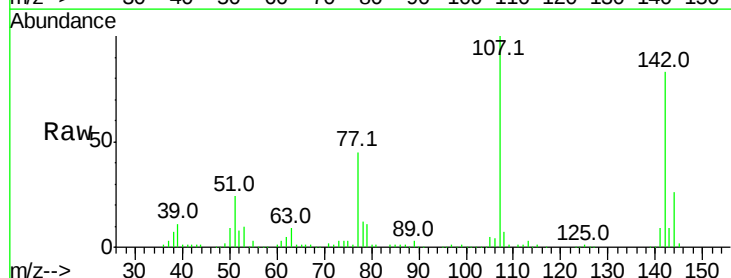
Tgt Ion:107 Resp: 239571

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

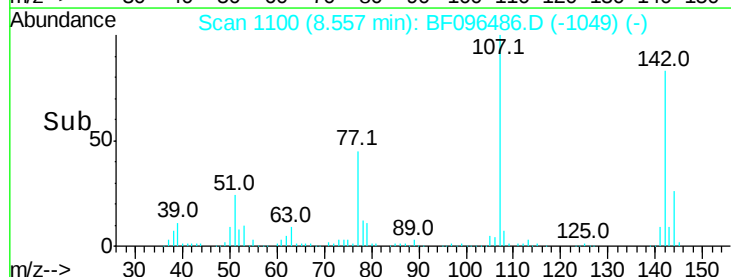
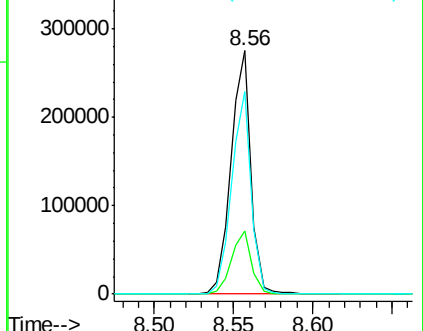
142 83.1 73.4 110.0

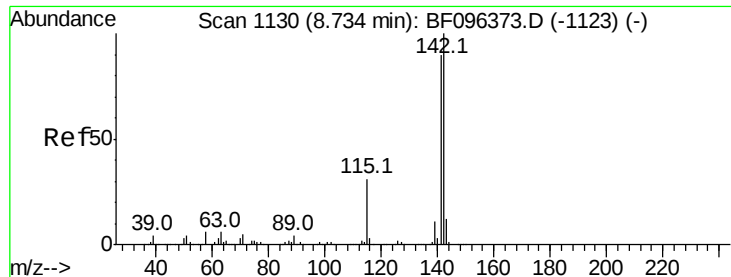


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.32 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

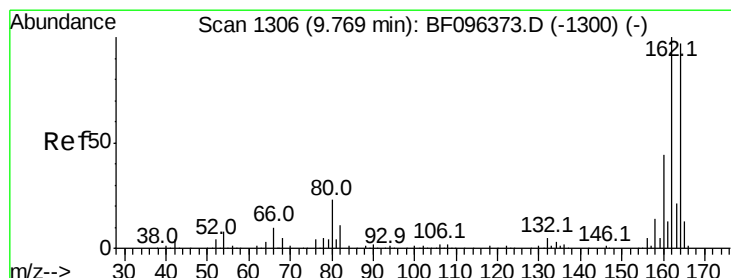
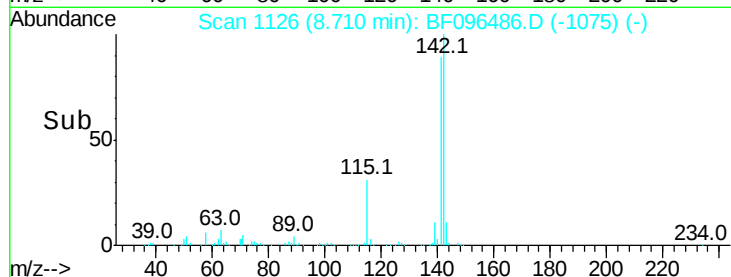
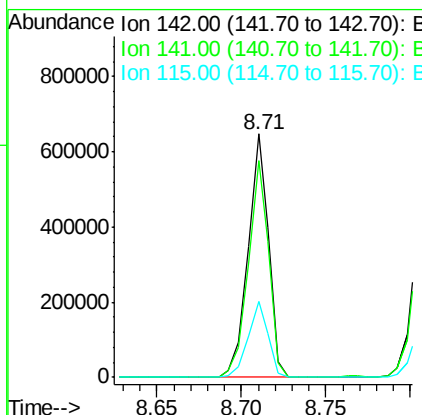
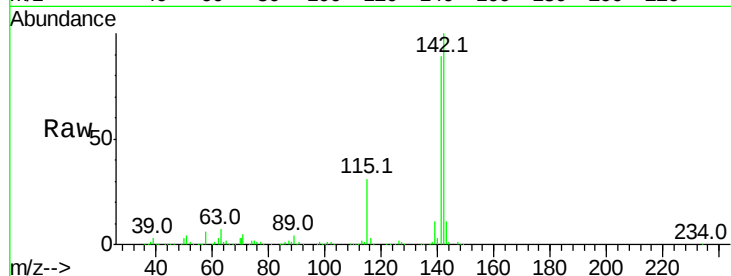
Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 549219

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	30.9	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 1303

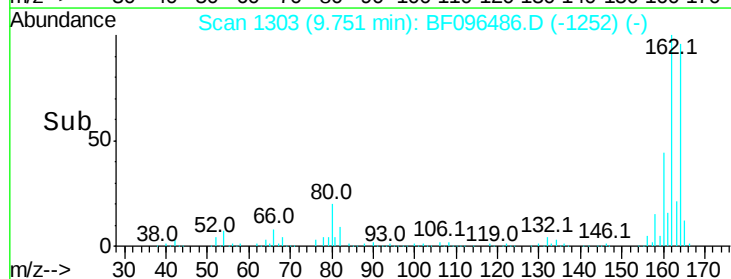
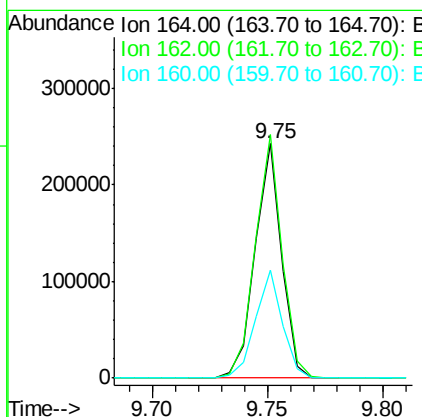
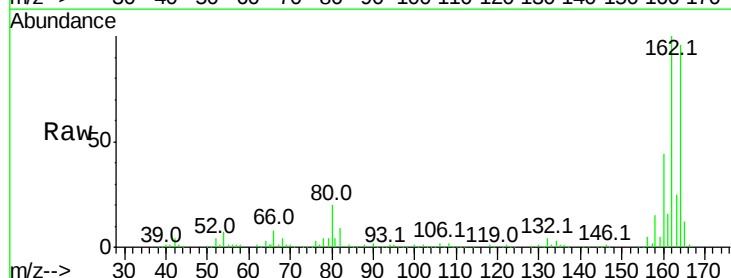
Delta R.T. -0.00 min

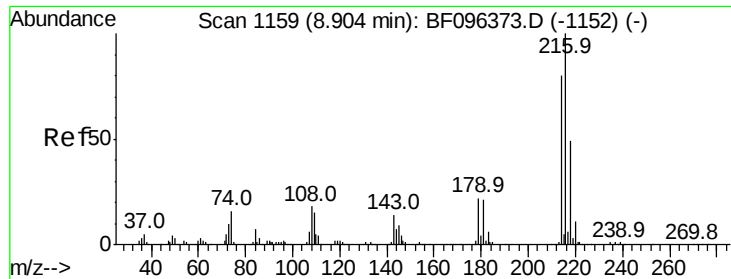
Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:164 Resp: 194655

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.0	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.00 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 197110

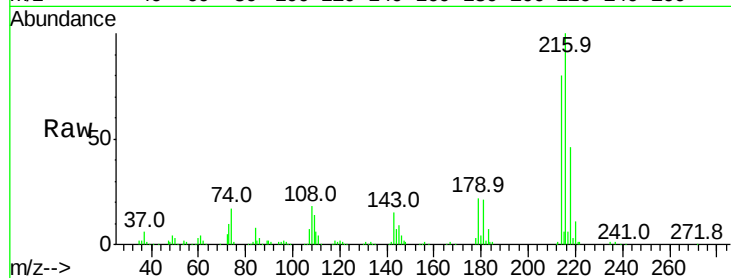
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 22.0 17.9 26.9

108 19.3 16.5 24.7

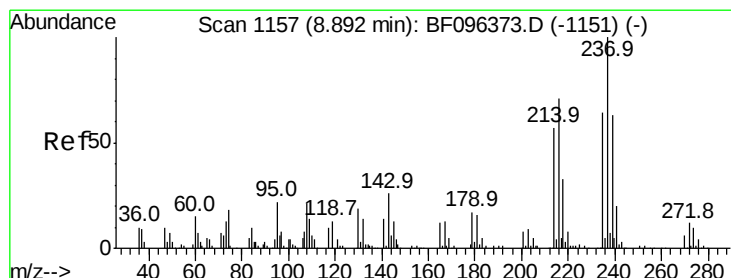
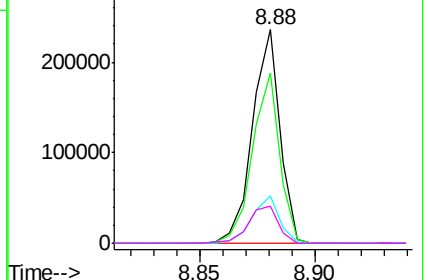
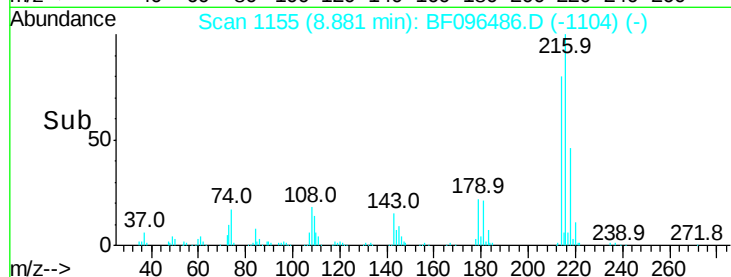


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.55 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

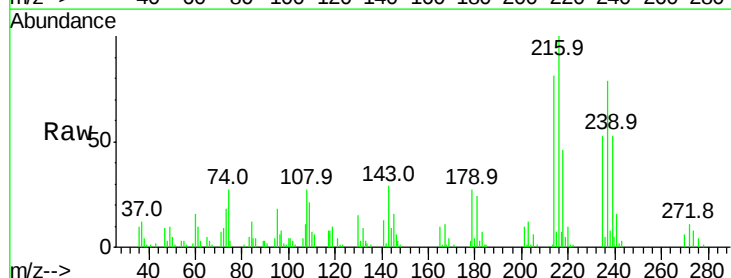
Tgt Ion:237 Resp: 33299

Ion Ratio Lower Upper

237 100

235 66.2 42.6 82.6

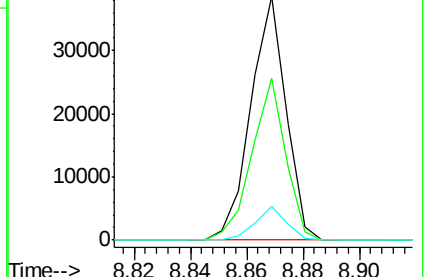
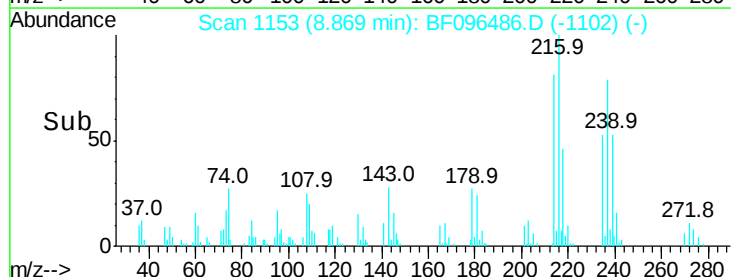
272 13.8 0.0 31.9

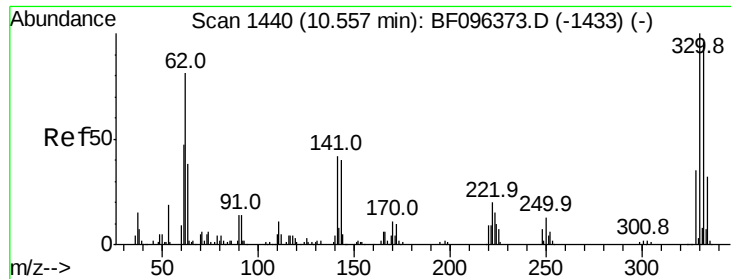


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

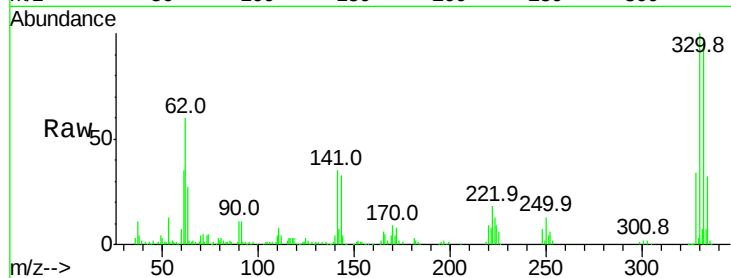




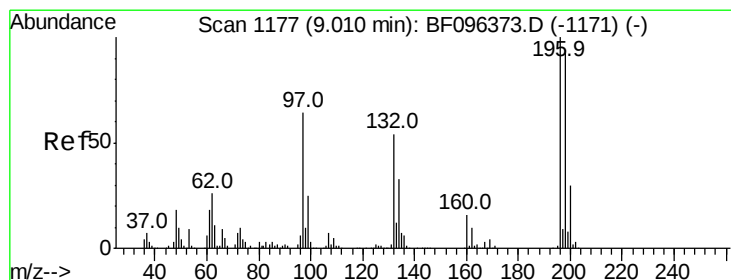
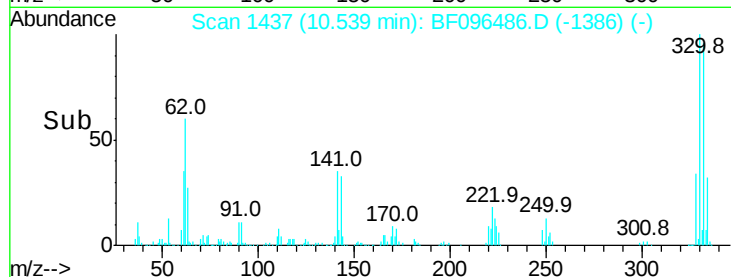
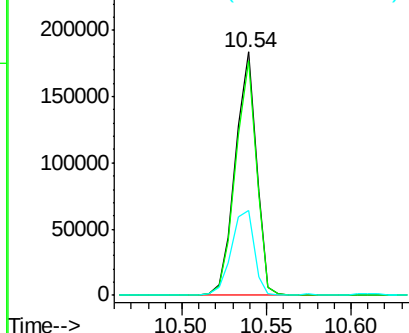
#41
 2,4,6-Tribromophenol
 Concen: 105.24 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 160024
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.1 31.4 47.2

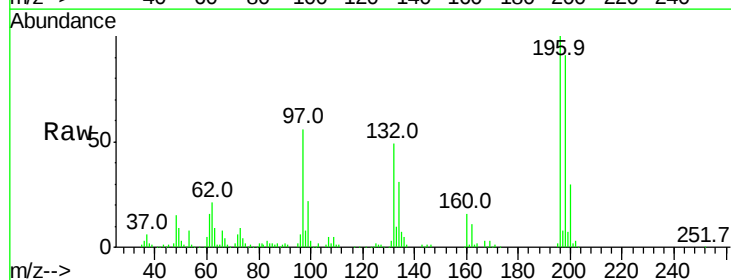


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

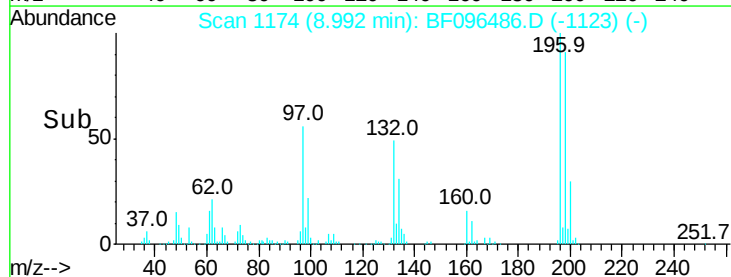
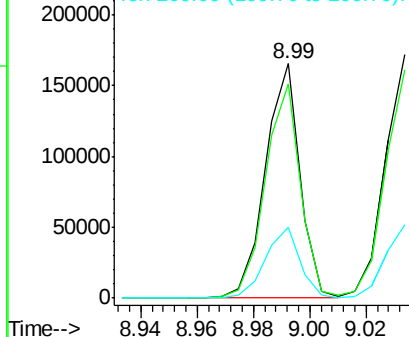


#42
 2,4,6-Trichlorophenol
 Concen: 35.09 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:196 Resp: 140315
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.2 111.4
 200 30.2 24.0 36.0



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

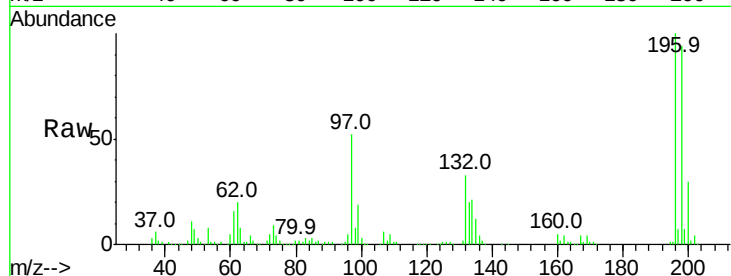




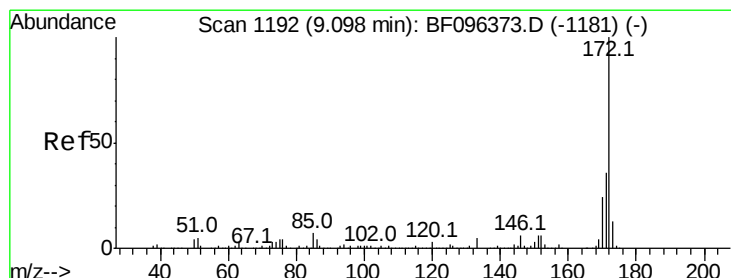
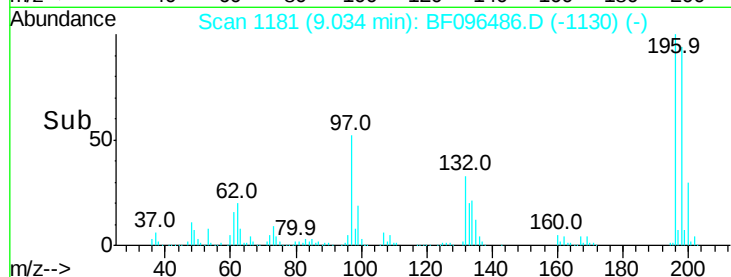
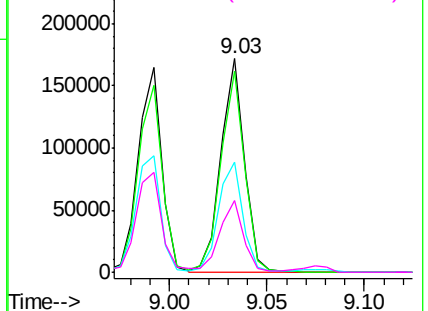
#43
 2,4,5-Trichlorophenol
 Concen: 36.44 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 144077
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 51.8 47.7 71.5
 132 33.4 28.0 42.0

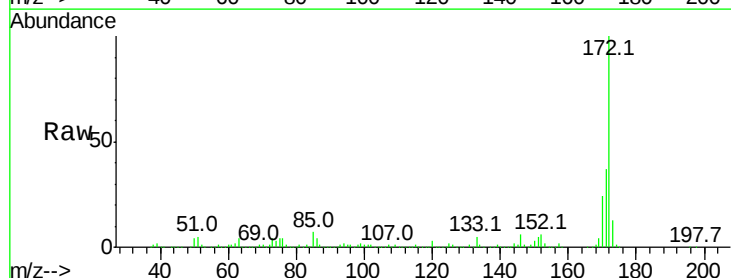


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

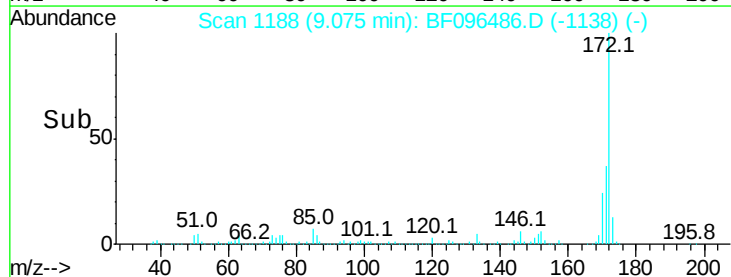
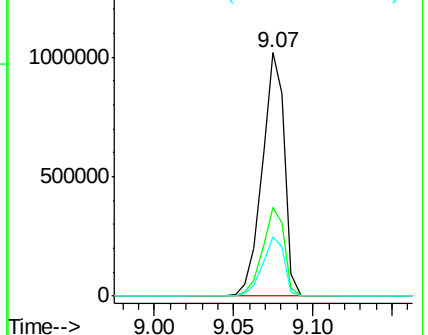


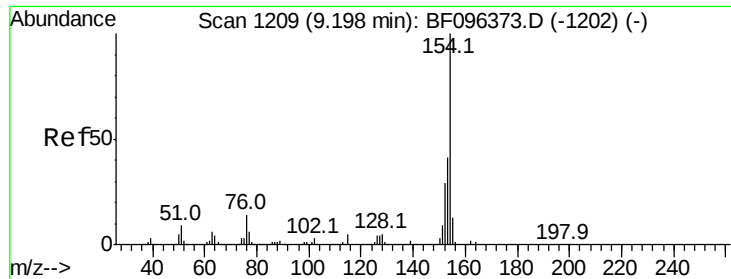
#44
 2-Fluorobiphenyl
 Concen: 87.57 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:172 Resp: 996983
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.5 19.8 29.8



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: 36.22 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampled :

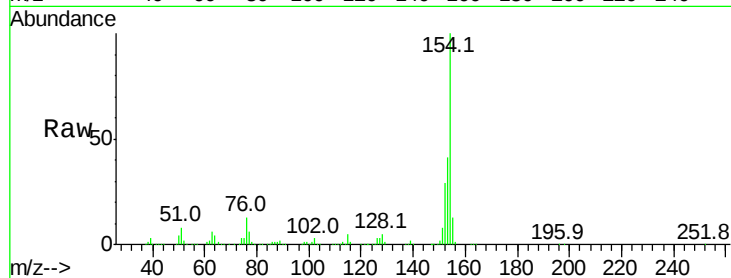
Tot Ion:154 Resp: 604168

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

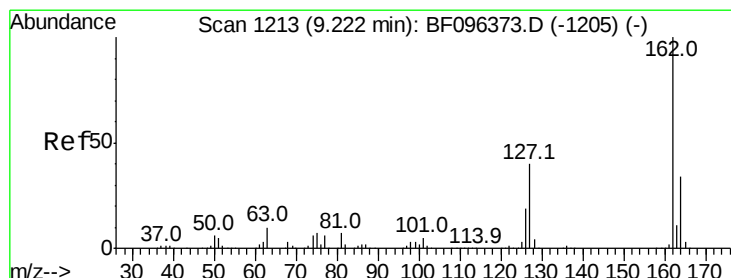
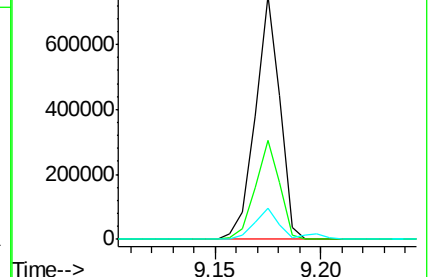
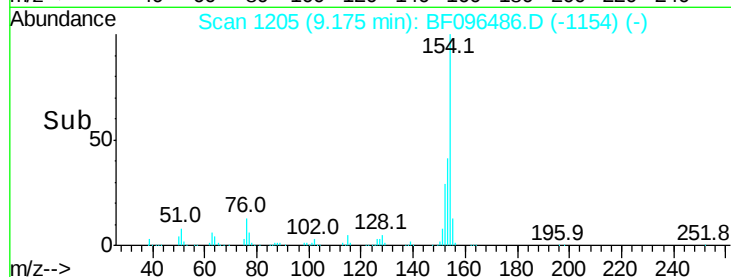
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.34 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

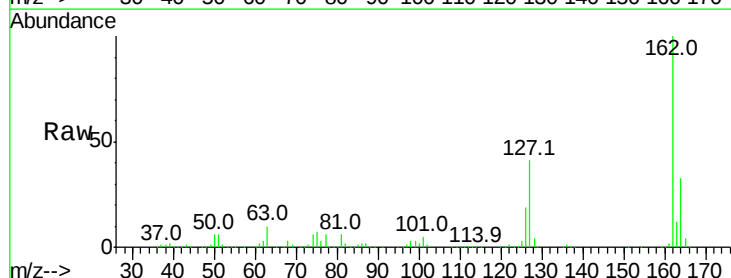
Tgt Ion:162 Resp: 464140

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

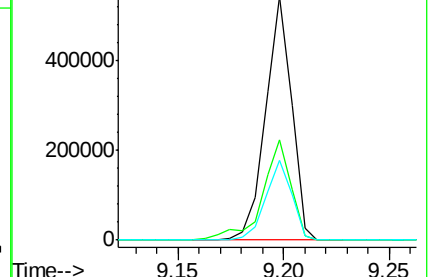
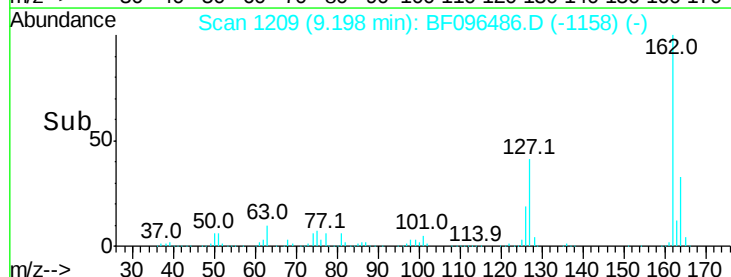
164 32.8 27.0 40.4

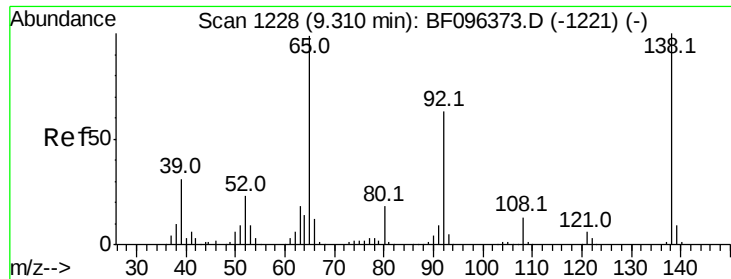


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

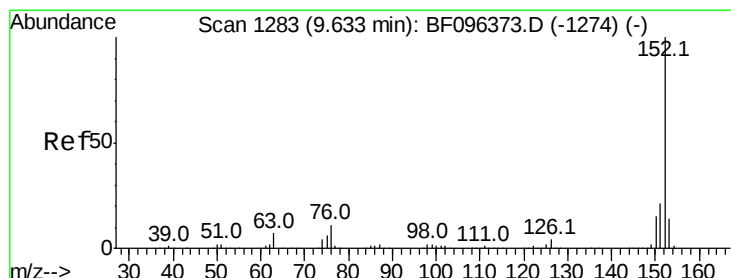
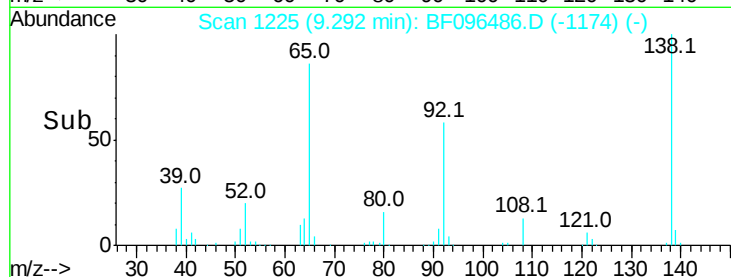
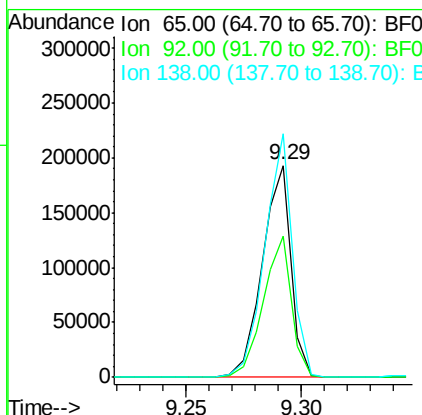
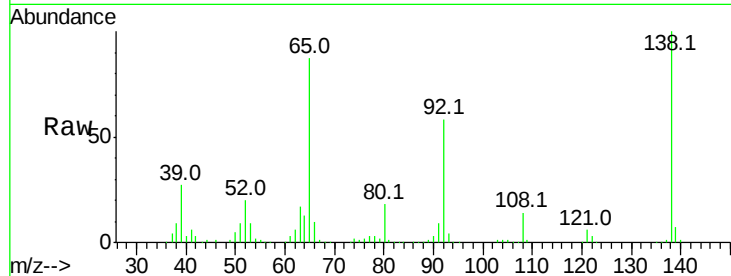




#47
2-Nitroaniline
Concen: 36.95 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

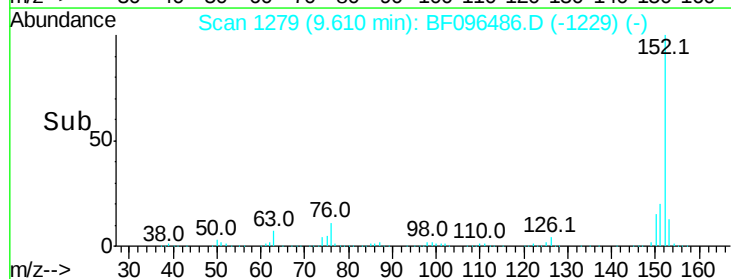
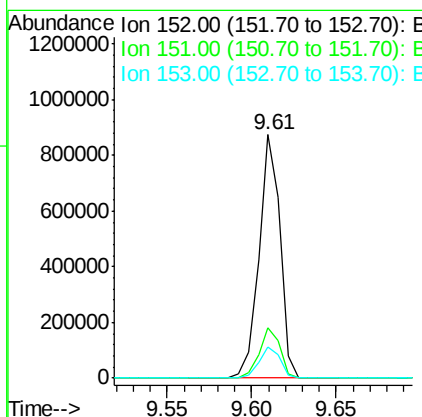
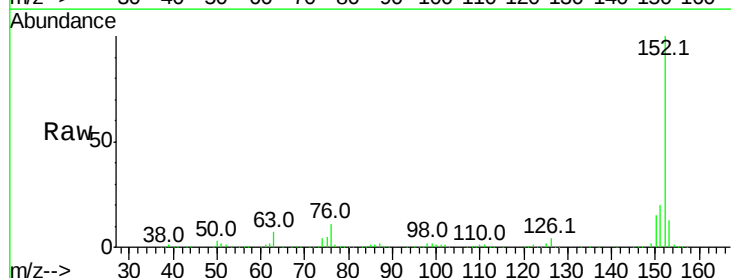
Instrument :
BNA_F
ClientSampled :

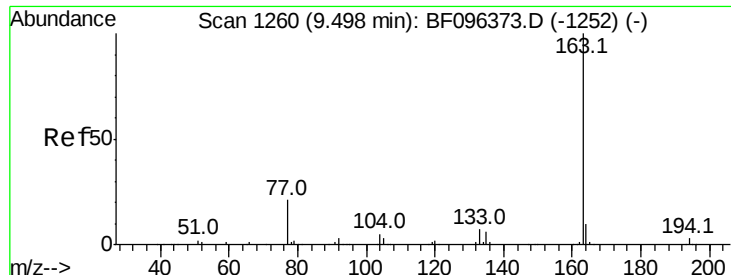
Tot Ion: 65 Resp: 167088
Ion Ratio Lower Upper
65 100
92 66.9 53.9 80.9
138 115.0 78.8 118.2



#48
Acenaphthylene
Concen: 38.55 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 152 Resp: 759247
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.0 10.8 16.2

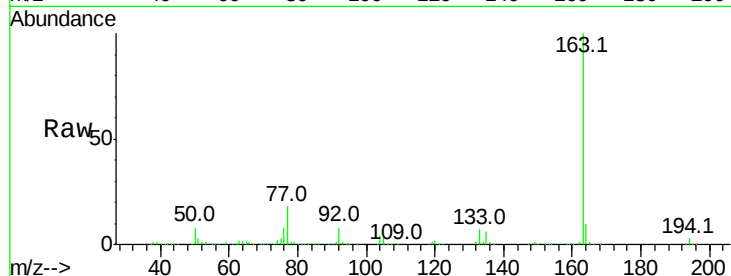




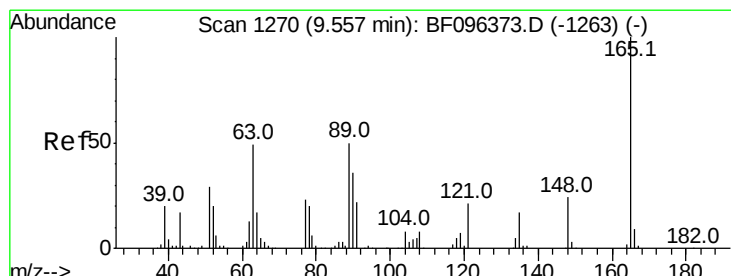
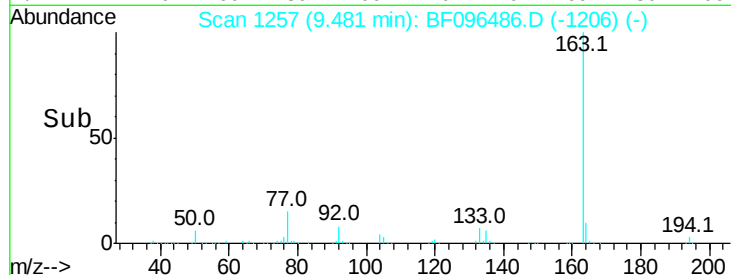
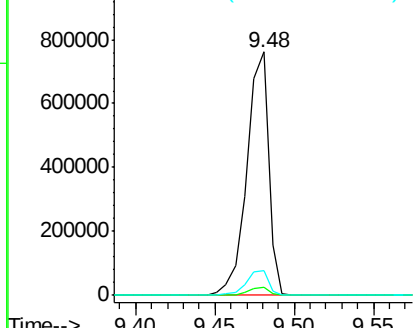
#49
Dimethylphthalate
Concen: 49.96 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 726039
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

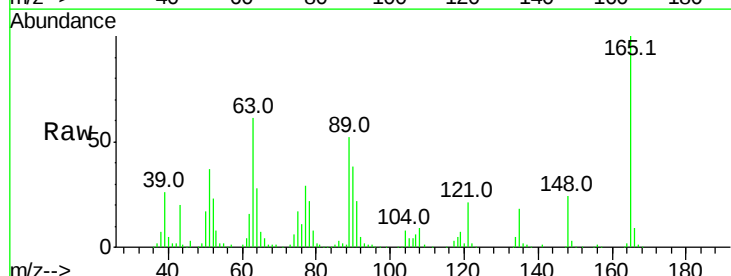


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

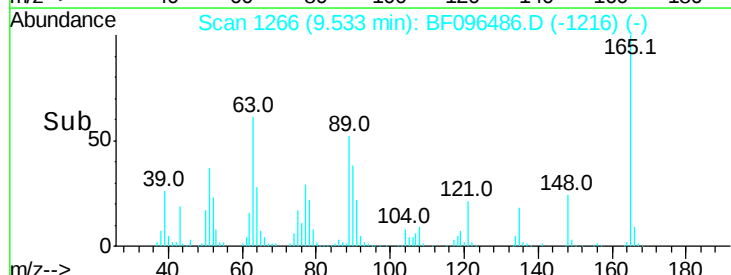
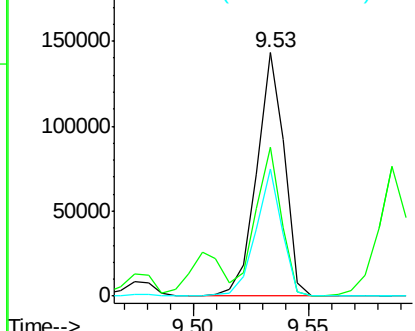


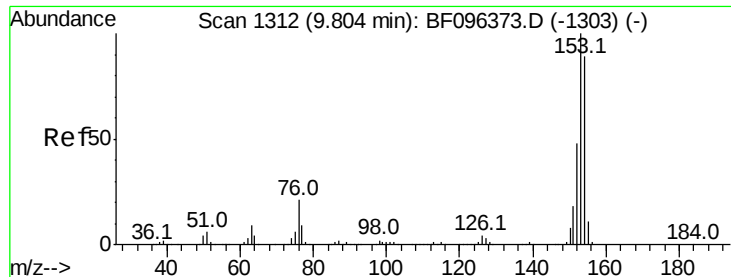
#50
2,6-Dinitrotoluene
Concen: 37.18 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:165 Resp: 119457
Ion Ratio Lower Upper
165 100
63 61.2 34.3 51.5#
89 52.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.67 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

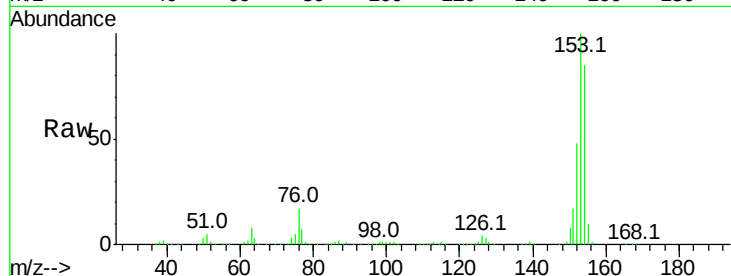
Tot Ion:154 Resp: 433050

Ion Ratio Lower Upper

154 100

153 117.1 90.5 135.7

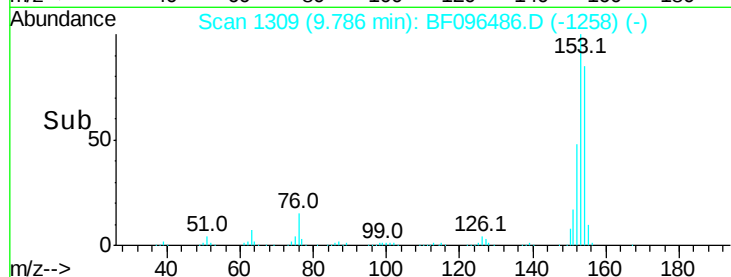
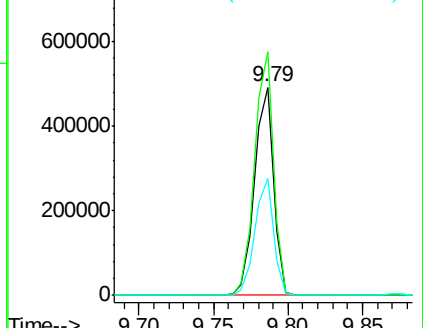
152 56.0 43.6 65.4



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: 36.76 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

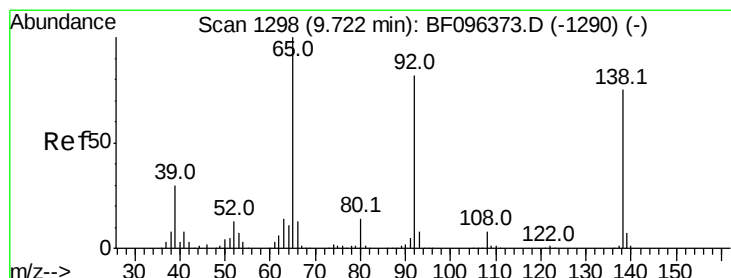
Tgt Ion:138 Resp: 147339

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

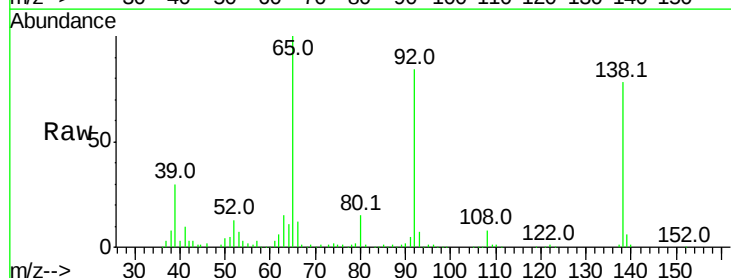
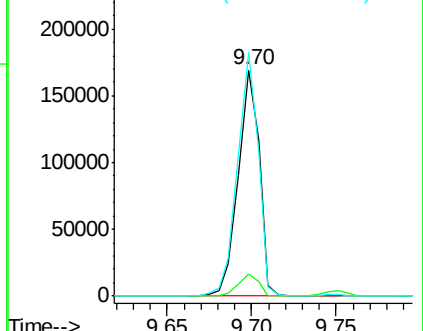
92 107.8 93.8 140.6

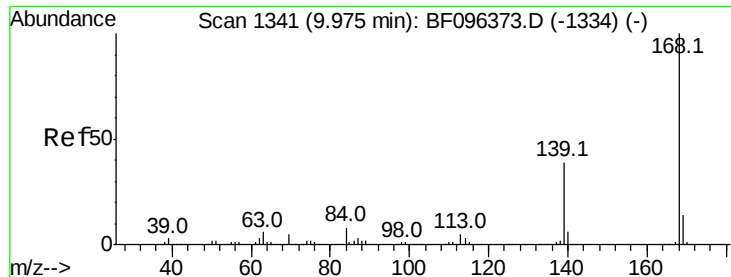


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

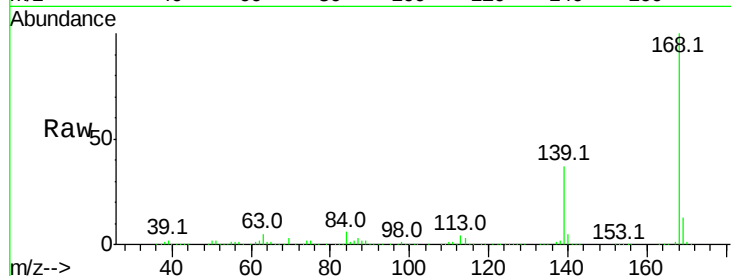




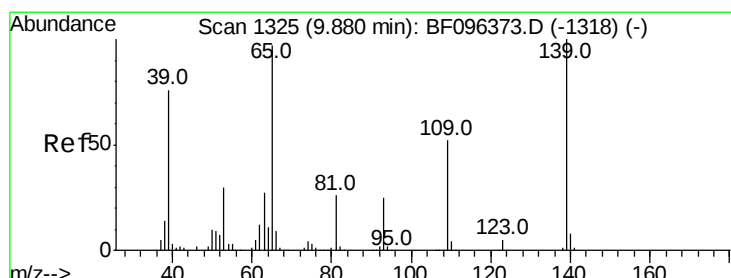
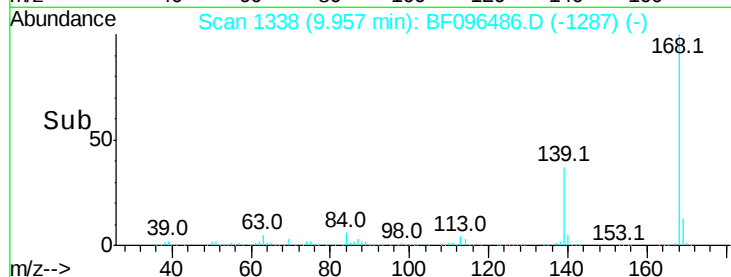
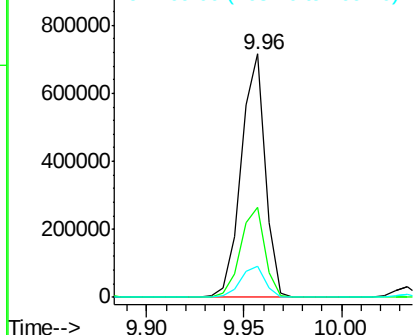
#54
Dibenzenofuran
Concen: 37.94 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 608176
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.0 10.8 16.2

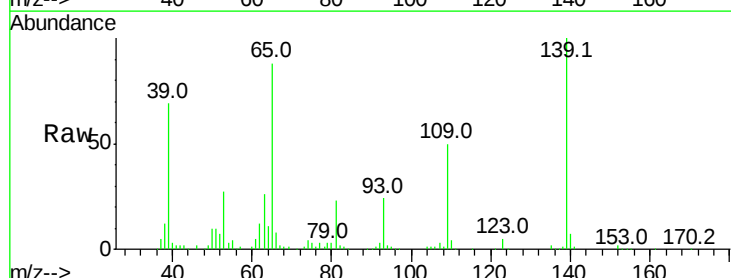


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

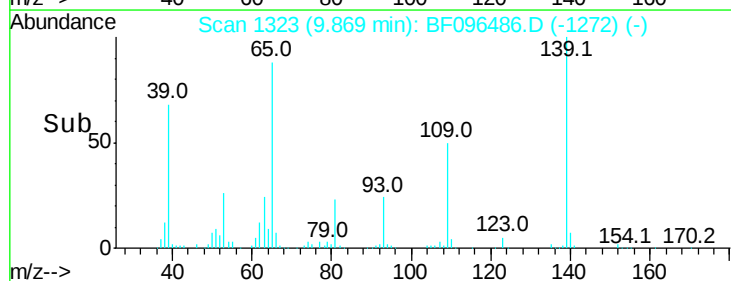
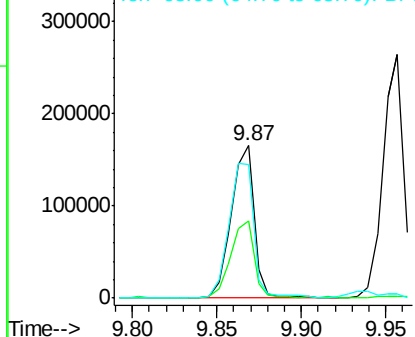


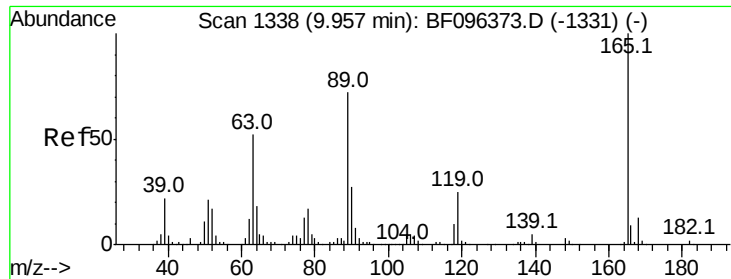
#55
4-Nitrophenol
Concen: 46.94 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:139 Resp: 155922
Ion Ratio Lower Upper
139 100
109 50.3 34.1 74.1
65 87.8 31.4 71.4#



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): BF0

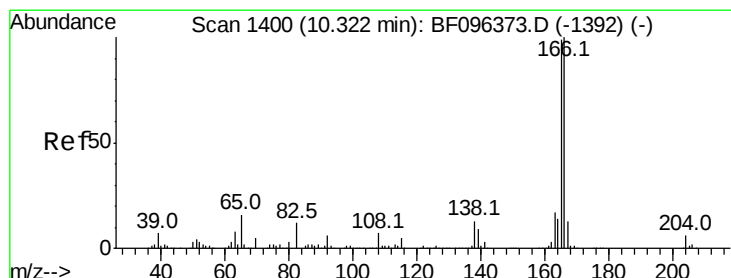
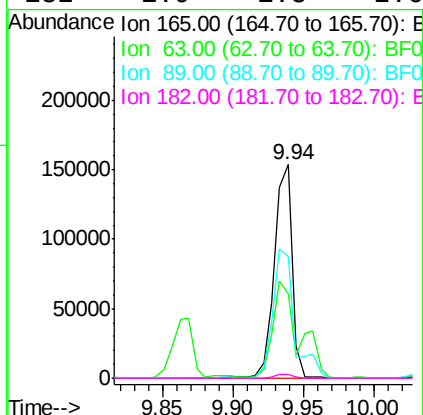
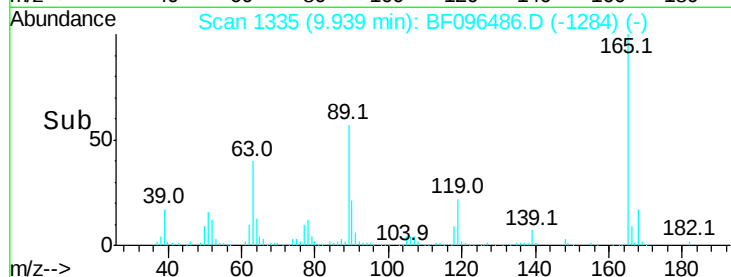
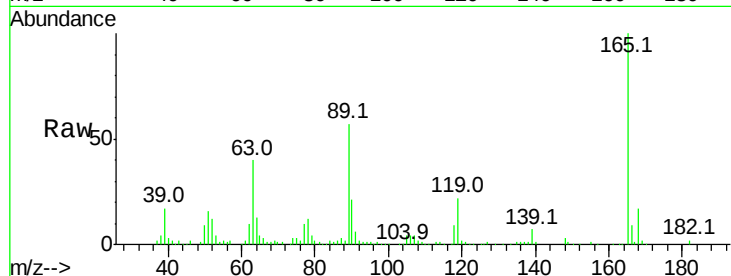




#56
2,4-Dinitrotoluene
Concen: 33.56 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

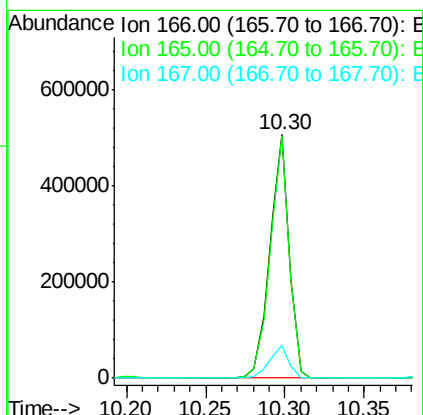
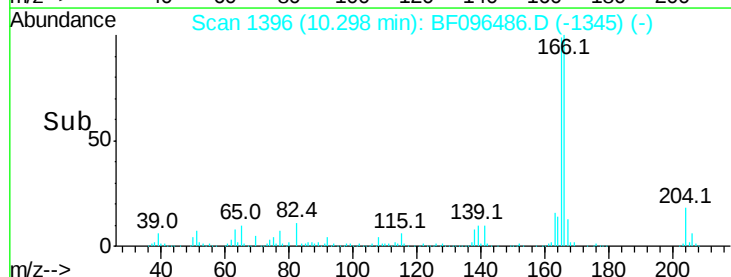
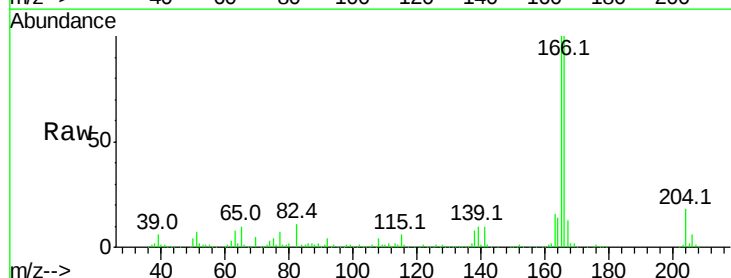
Instrument :
BNA_F
ClientSampleId :

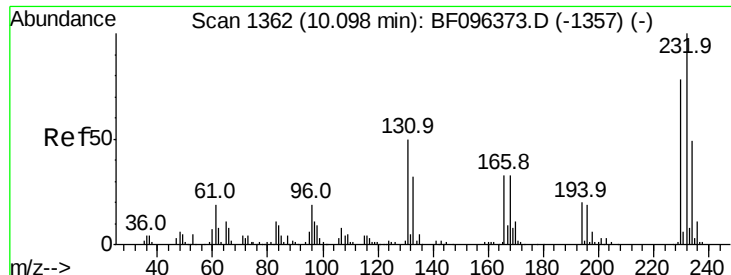
Tot Ion:165 Resp: 136577
Ion Ratio Lower Upper
165 100
63 39.9 25.4 38.0#
89 56.8 46.4 69.6
182 1.9 1.8 2.6



#57
Fluorene
Concen: 38.18 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:166 Resp: 432206
Ion Ratio Lower Upper
166 100
165 99.5 78.8 118.2
167 13.3 10.6 16.0

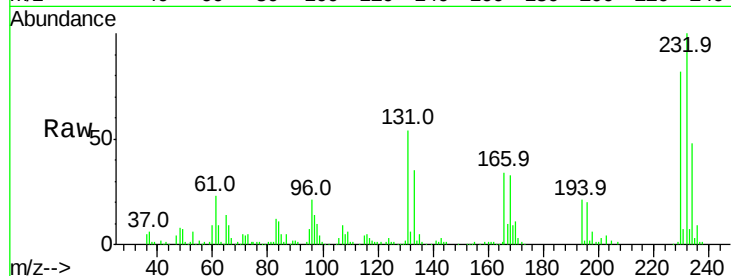




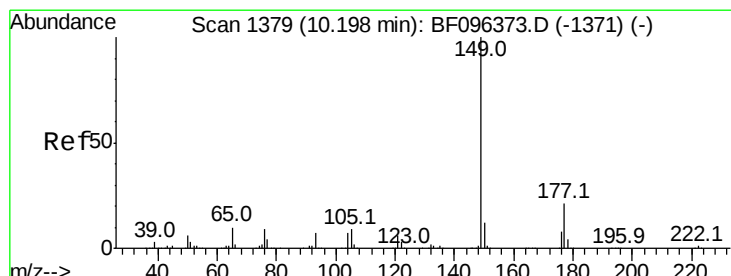
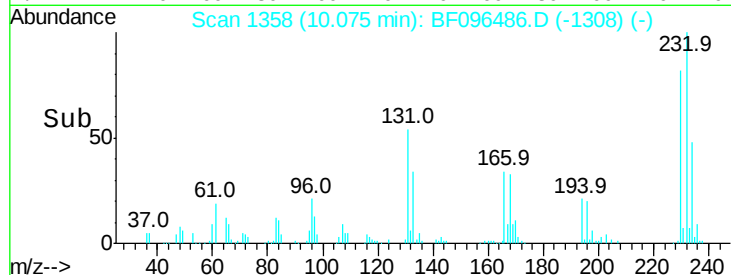
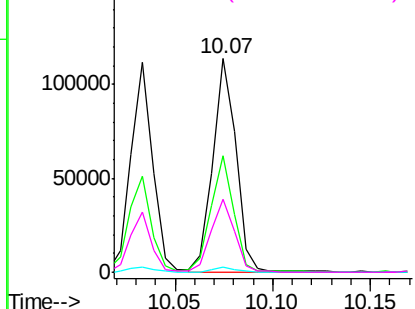
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.45 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 94221
 Ion Ratio Lower Upper
 232 100
 131 54.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.3 29.0 43.4

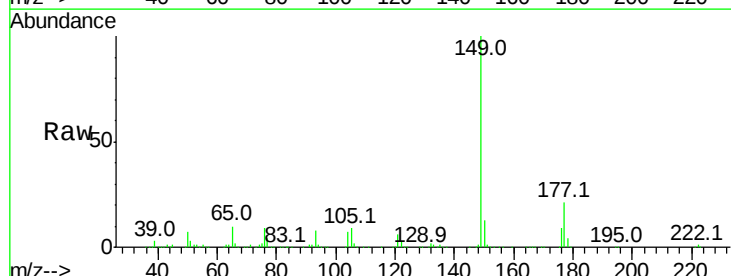


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

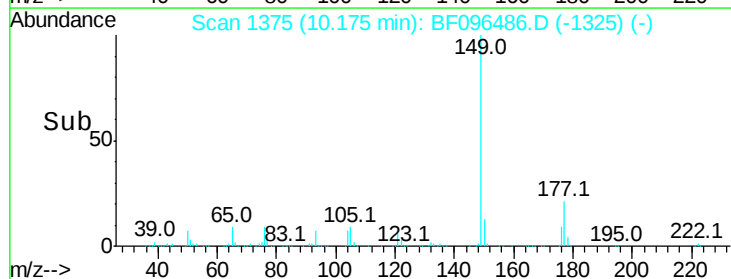
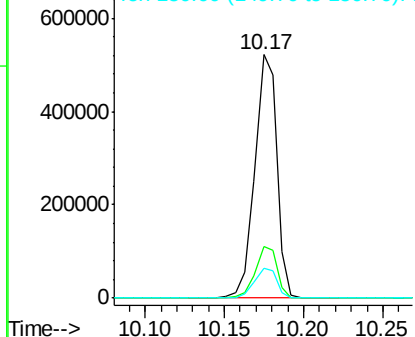


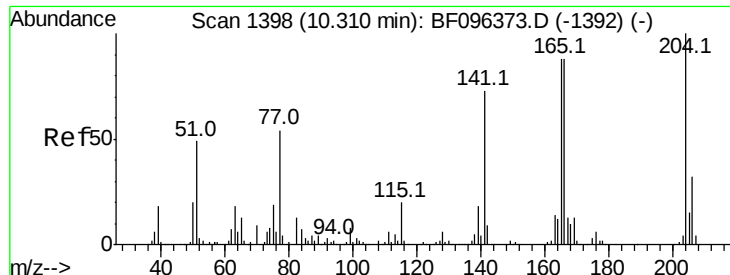
#59
 Diethylphthalate
 Concen: 36.83 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:149 Resp: 505807
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.7 25.1
 150 12.5 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

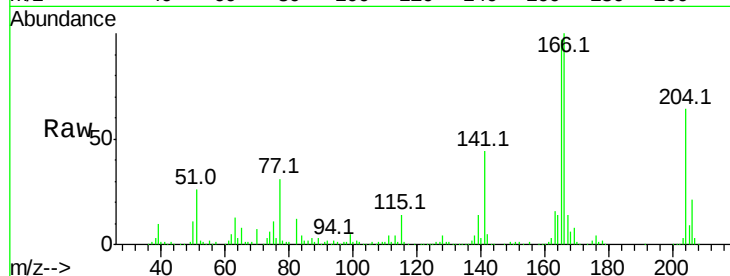




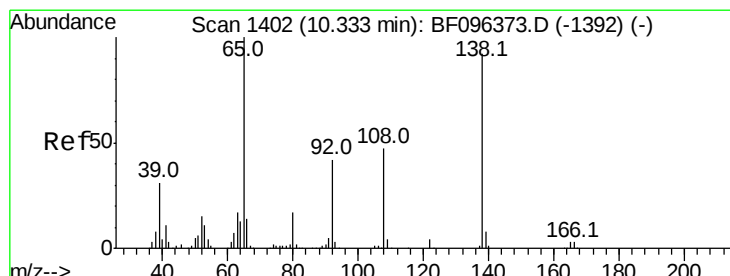
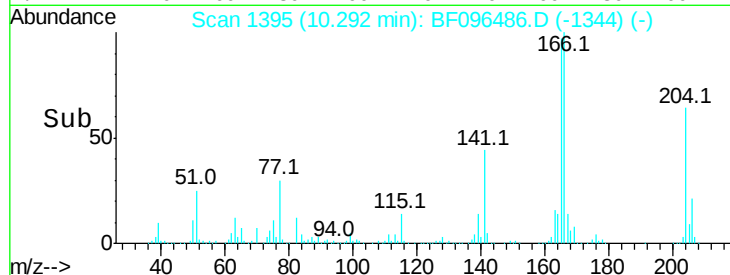
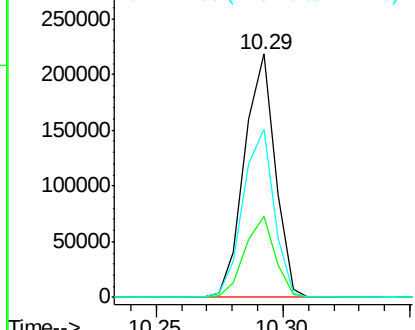
#60
4-Chlorophenyl-phenylether
Concen: 37.54 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 184908
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 69.1 60.8 91.2

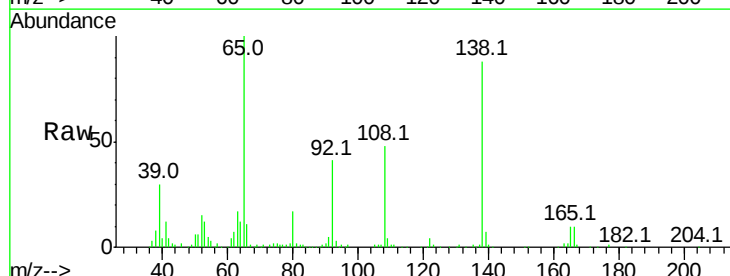


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

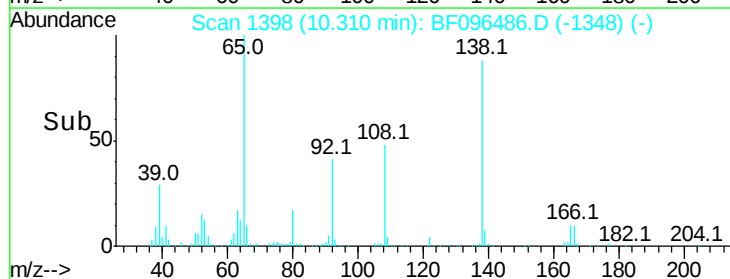
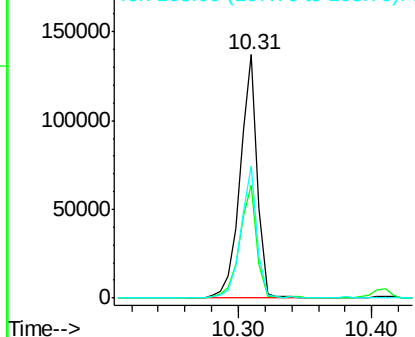


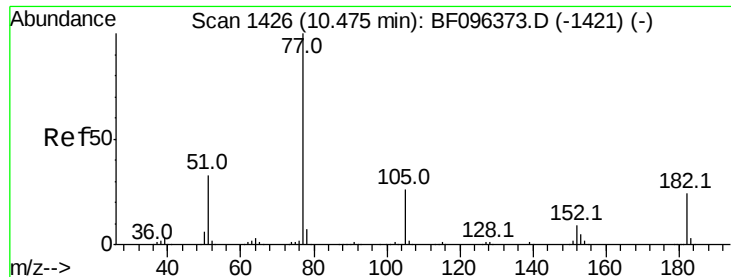
#61
4-Nitroaniline
Concen: 33.65 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:138 Resp: 122618
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 54.6 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 34.02 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 451818

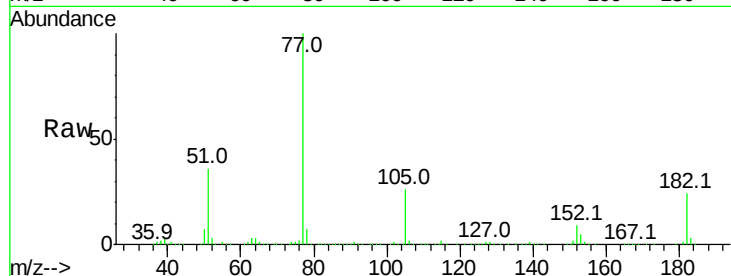
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 26.0 3.6 43.6

51 35.8 9.4 49.4

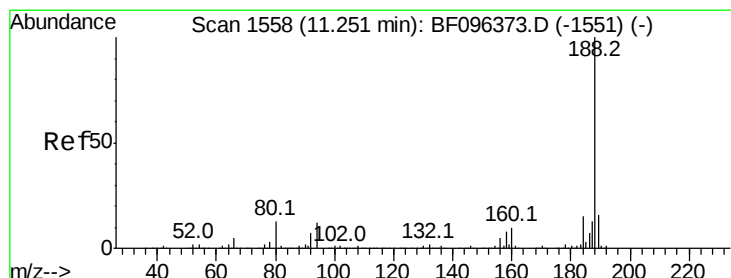
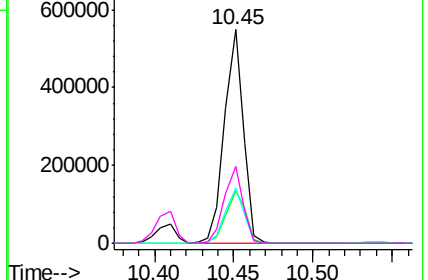
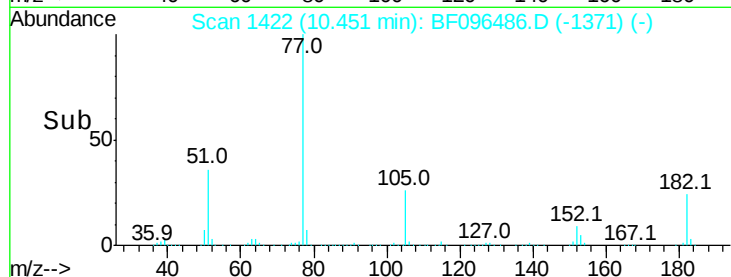


Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

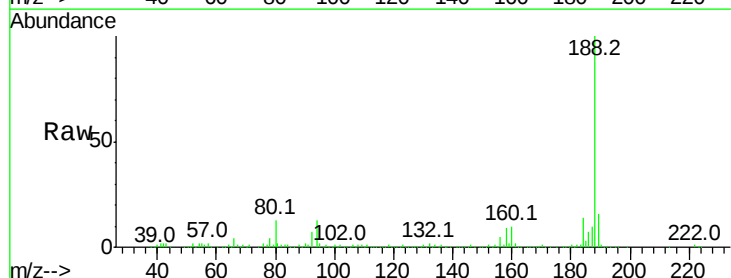
Tgt Ion: 188 Resp: 269960

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

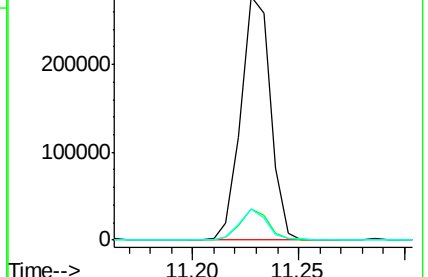
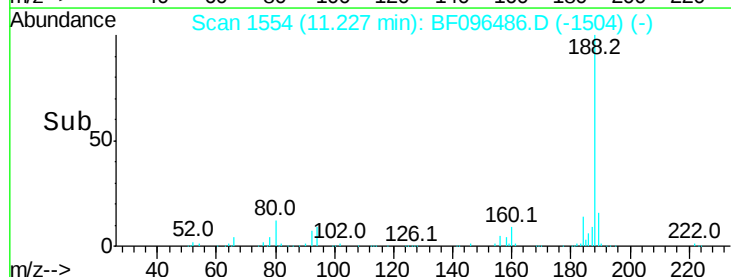
80 12.9 10.2 15.2

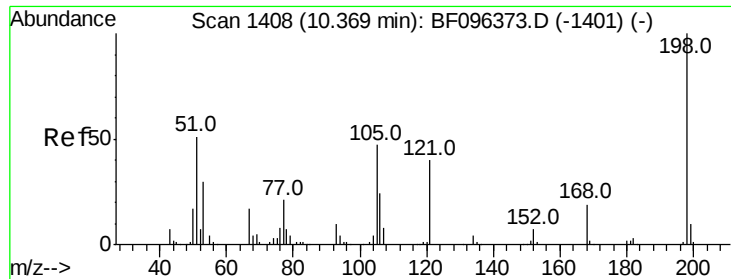


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

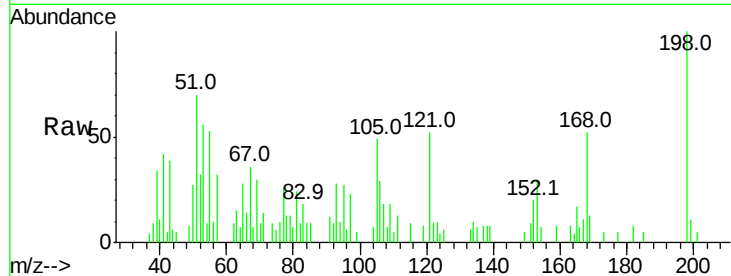




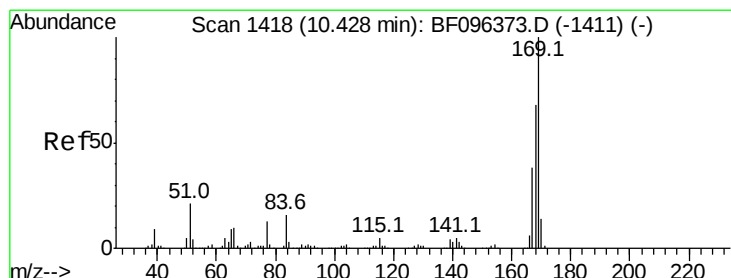
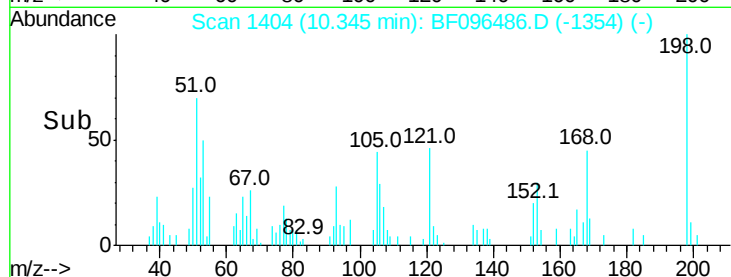
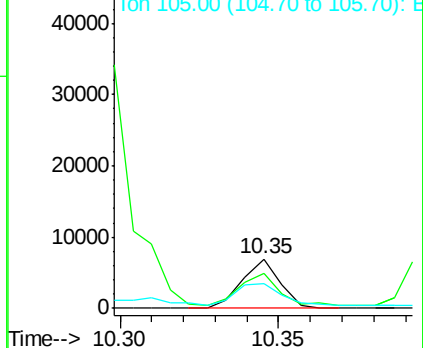
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.06 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 5704
 Ion Ratio Lower Upper
 198 100
 51 69.6 53.2 93.2
 105 49.3 45.8 85.8

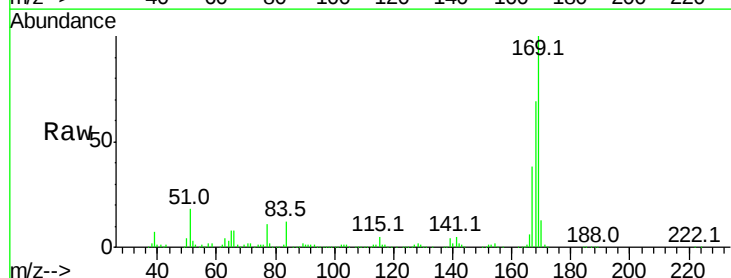


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

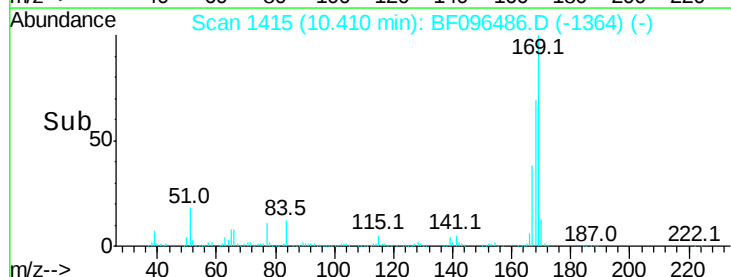
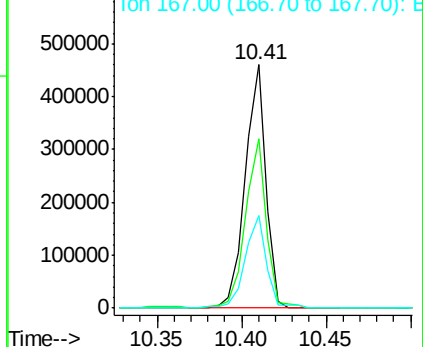


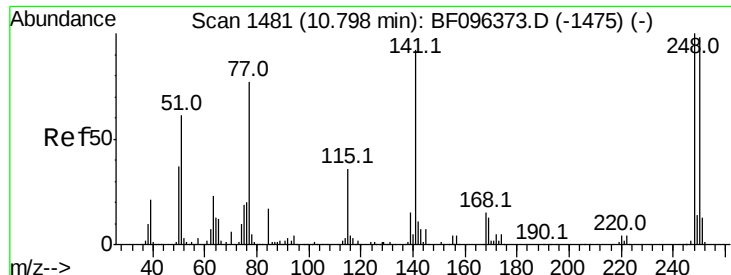
#65
 n-Nitrosodiphenylamine
 Concen: 41.51 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:169 Resp: 393186
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.2 79.8
 167 38.0 29.5 44.3



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

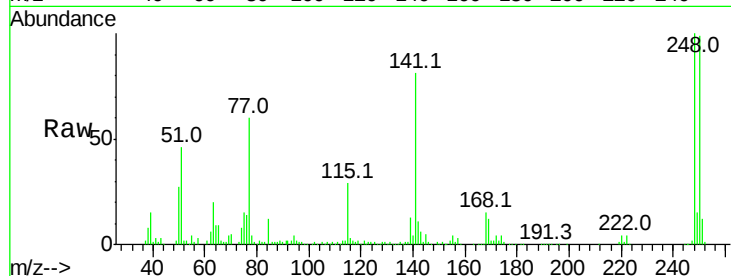




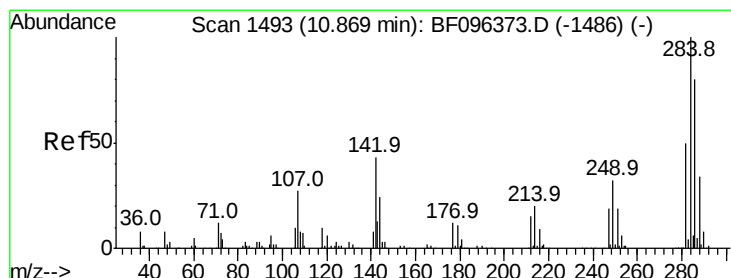
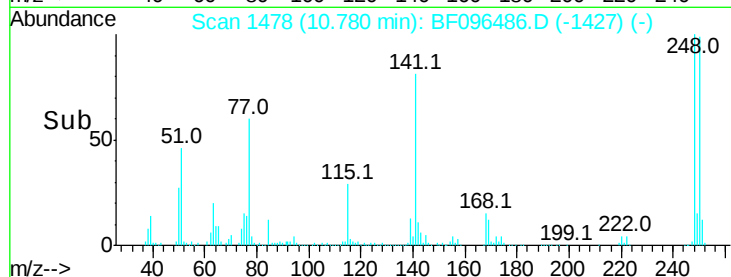
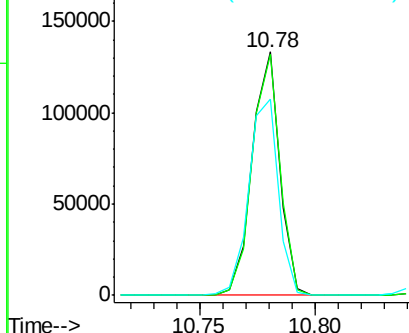
#66
 4-Bromophenyl-phenylether
 Concen: 42.39 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 111397
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.8 115.2
 141 80.6 68.6 103.0

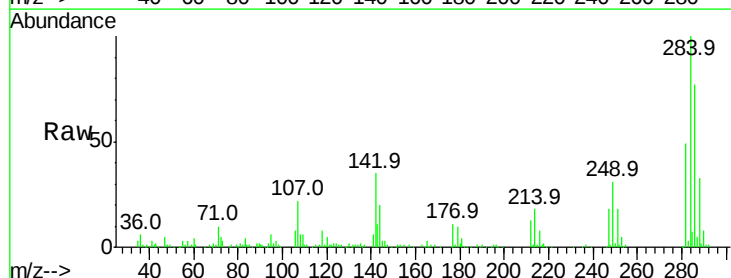


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

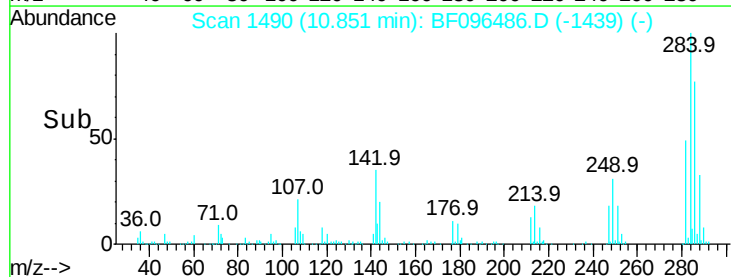
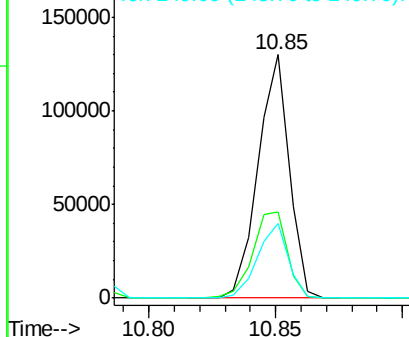


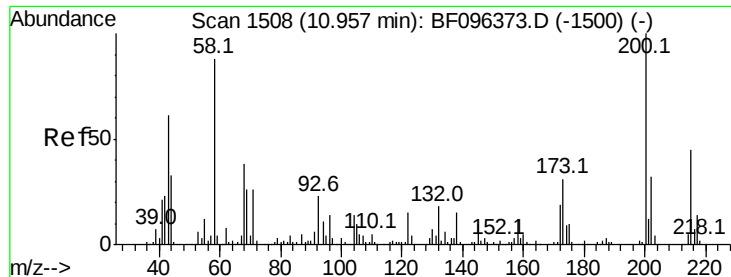
#67
 Hexachlorobenzene
 Concen: 38.86 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:284 Resp: 111781
 Ion Ratio Lower Upper
 284 100
 142 35.2 22.8 34.2#
 249 30.7 24.0 36.0



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

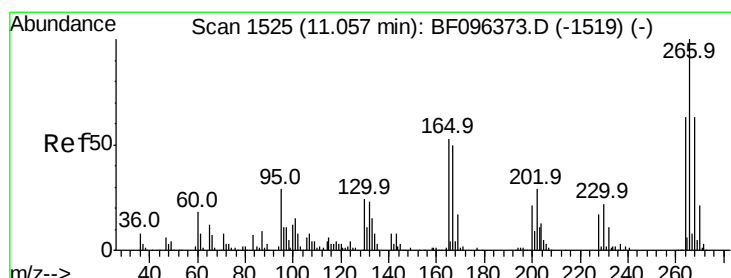
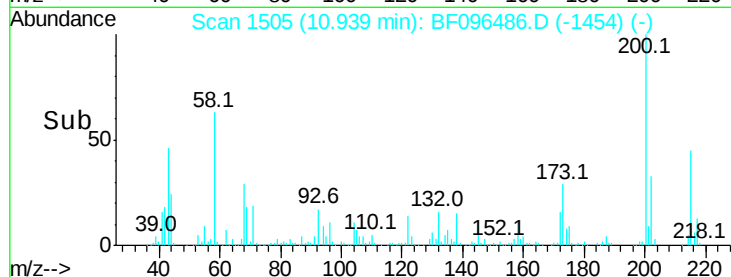
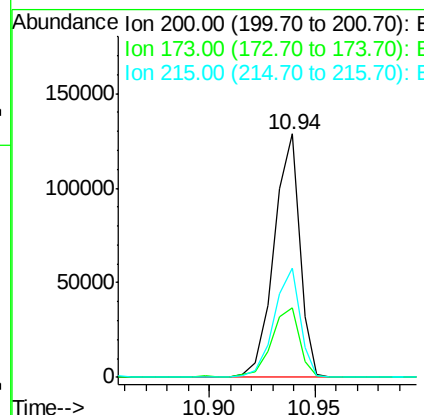
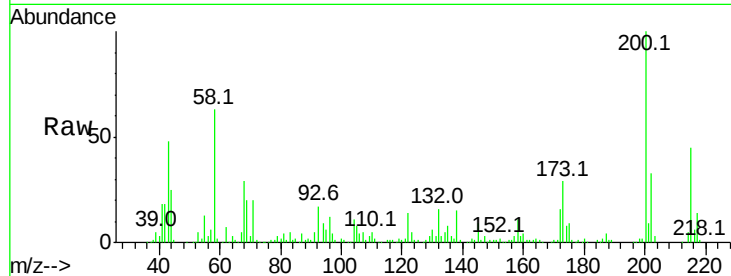




#68
Atrazine
Concen: 40.45 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

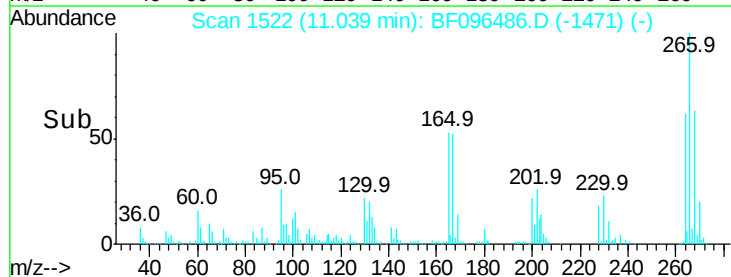
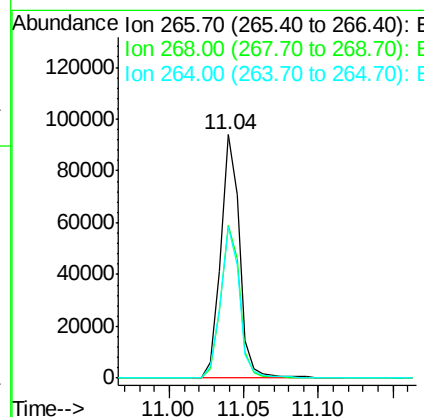
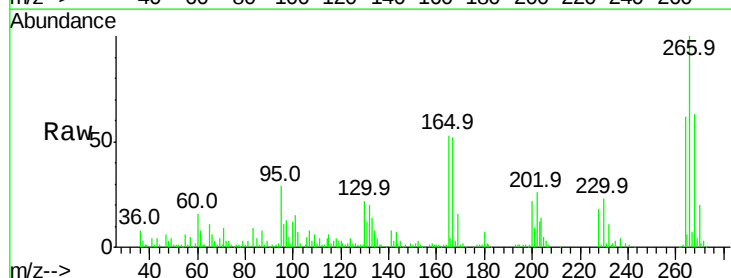
Instrument :
BNA_F
ClientSampleId :

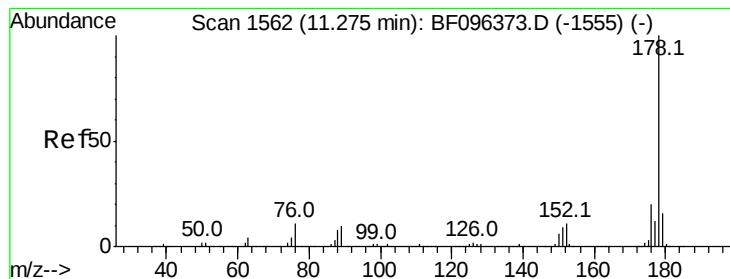
Tot Ion:200 Resp: 109463
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 44.8 27.2 67.2



#69
Pentachlorophenol
Concen: 49.01 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:266 Resp: 83567
Ion Ratio Lower Upper
266 100
268 62.8 51.1 76.7
264 62.0 51.7 77.5





#70

Phenanthrene

Concen: 51.28 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

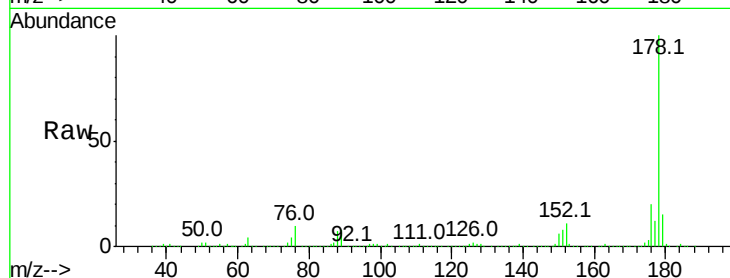
Tot Ion:178 Resp: 748354

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

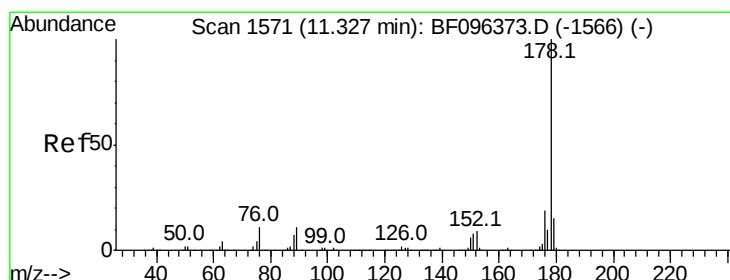
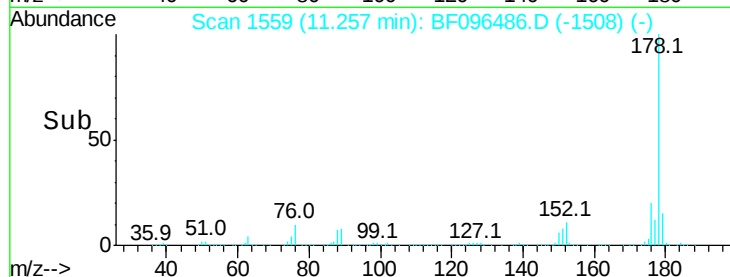
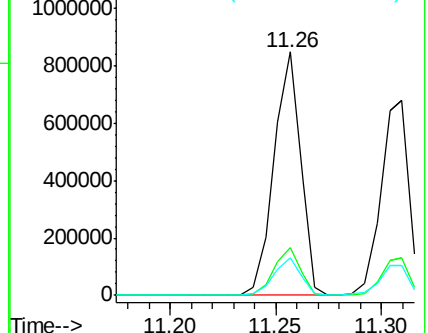
179 15.4 12.6 19.0



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: 42.08 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

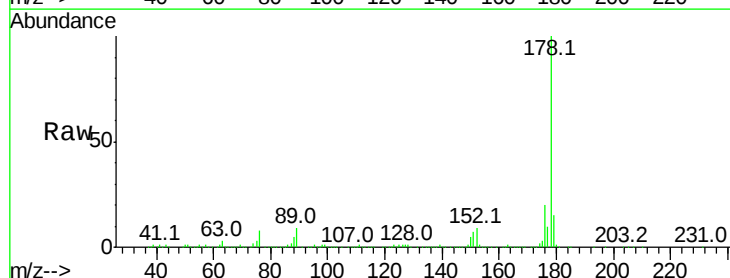
Tgt Ion:178 Resp: 625851

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

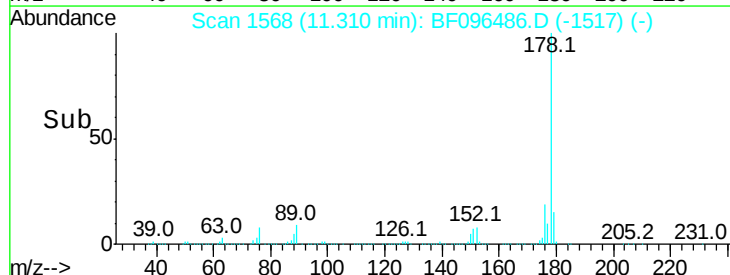
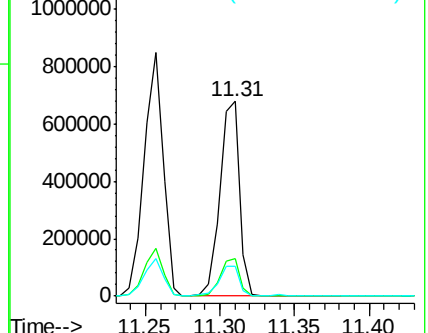
179 15.2 12.7 19.1

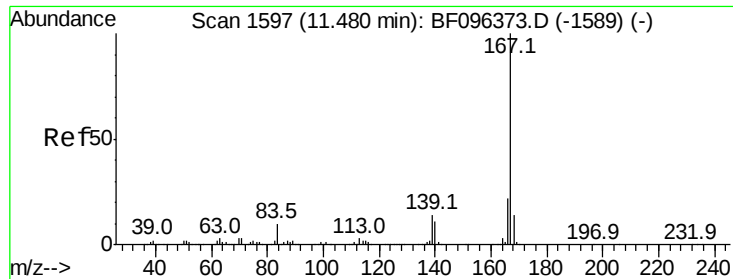


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

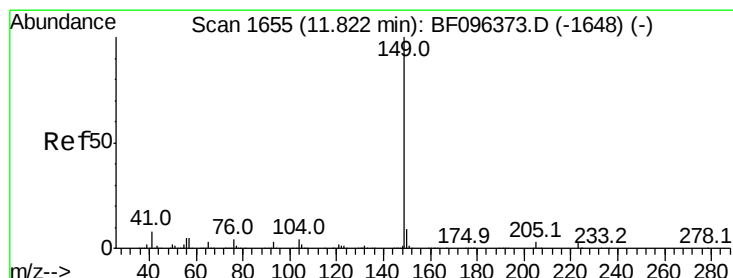
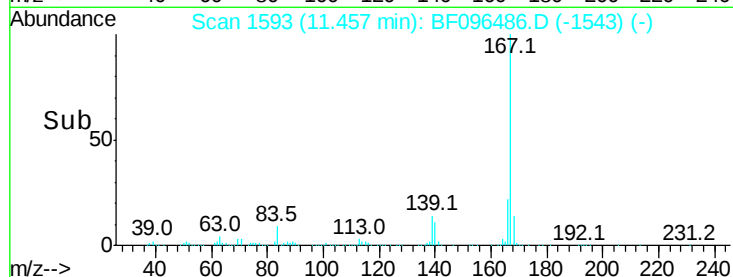
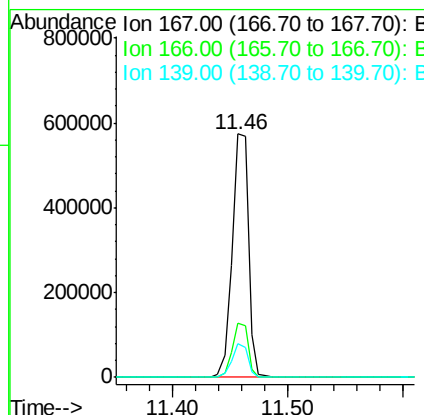
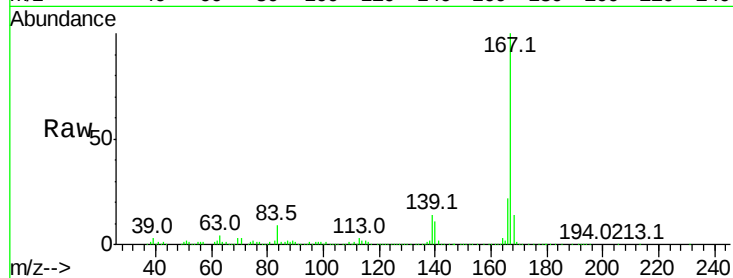




#72
 Carbazole
 Concen: 37.46 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

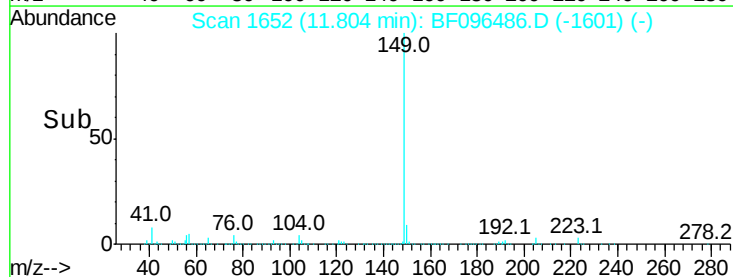
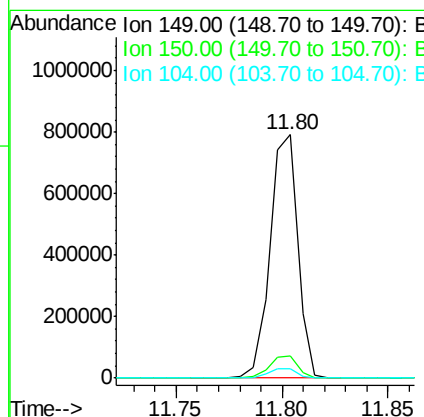
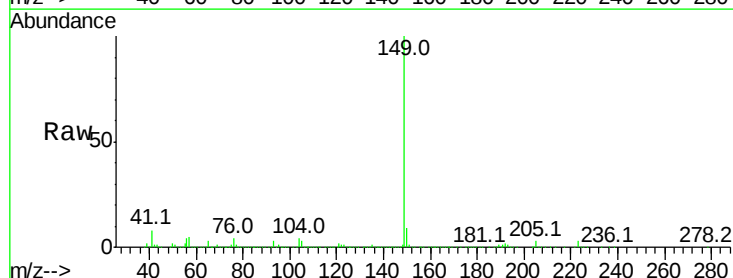
Instrument :
 BNA_F
 ClientSampleId :

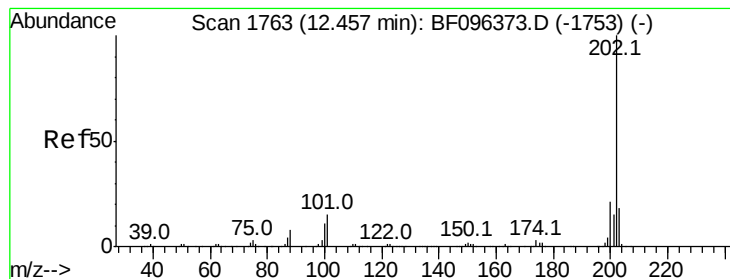
Tot Ion:167 Resp: 560212
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.6 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 39.82 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:149 Resp: 721361
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.0 4.0 6.0#





#74

Fluoranthene

Concen: 54.52 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

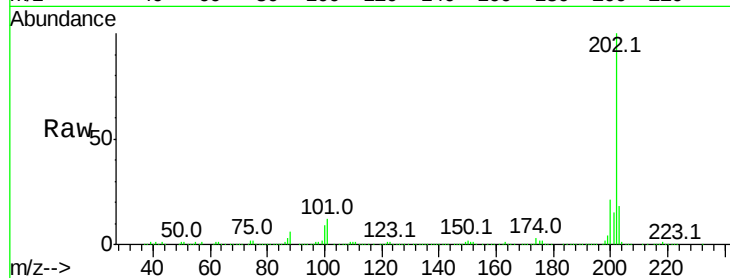
Tot Ion:202 Resp: 780042

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

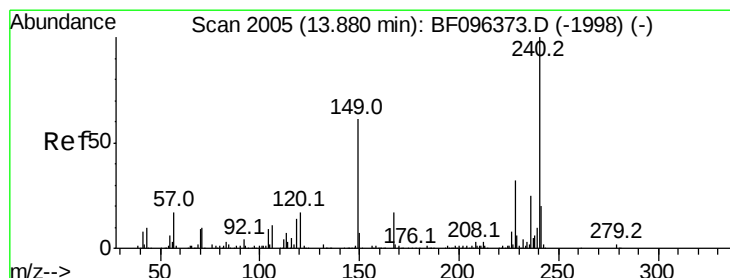
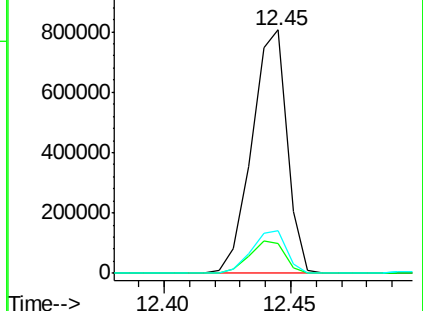
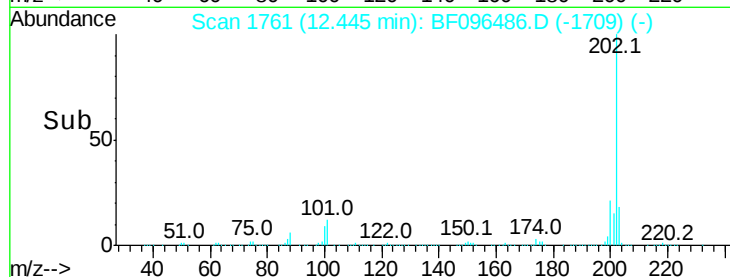
203 17.6 0.0 38.1



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

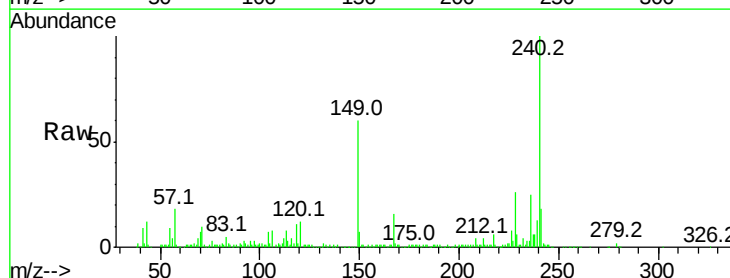
Tgt Ion:240 Resp: 181120

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

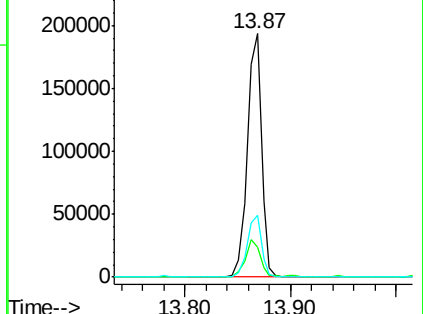
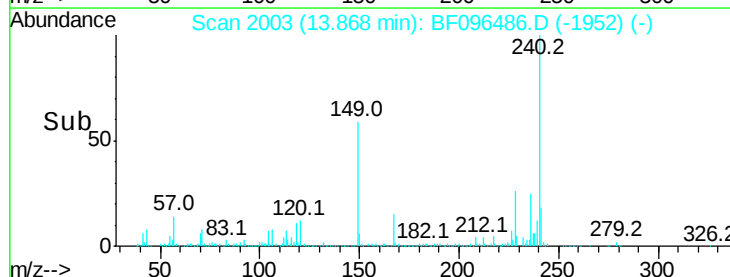
236 25.3 20.5 30.7

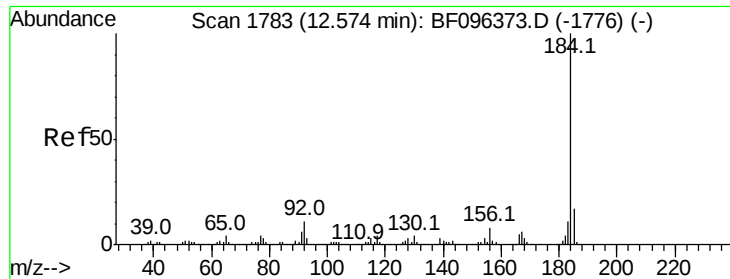


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

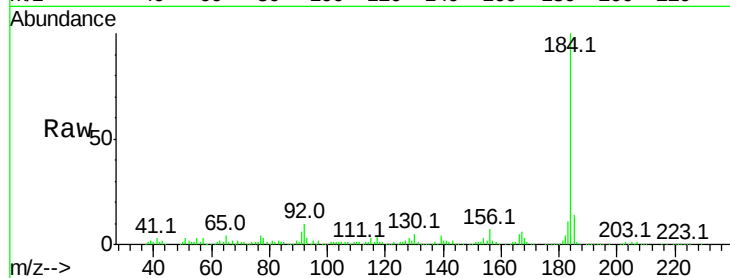




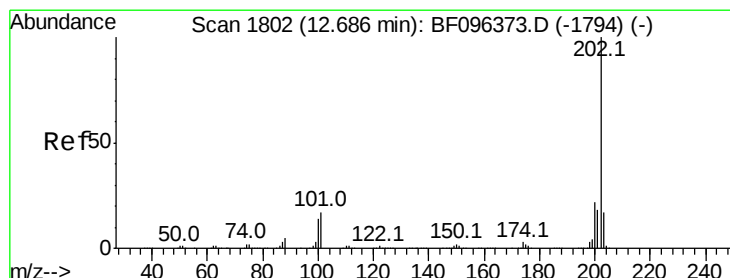
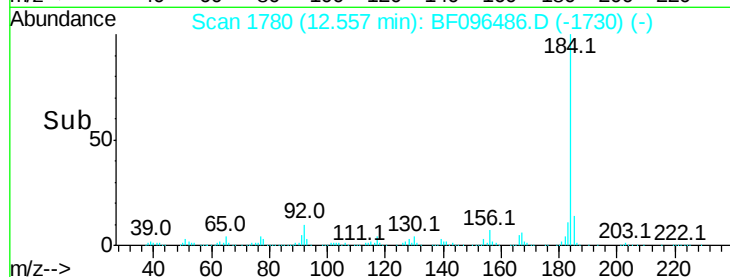
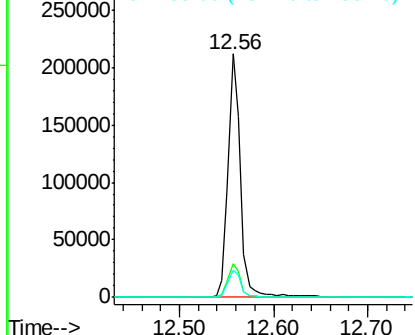
#76
Benzidine
Concen: 22.60 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 196372
Ion Ratio Lower Upper
184 100
185 13.9 15.5 23.3#
183 11.3 9.8 14.6

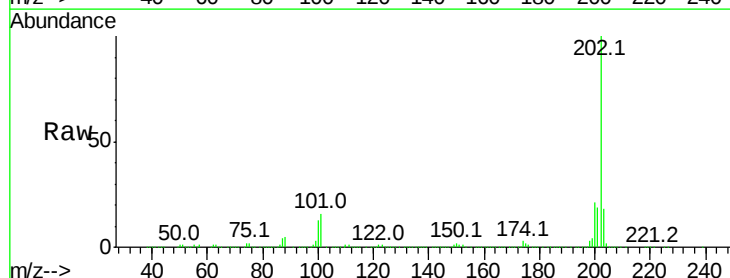


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

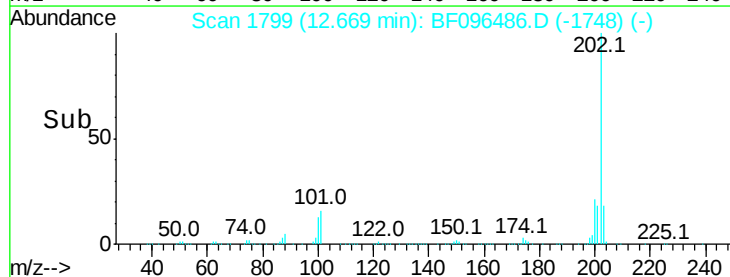
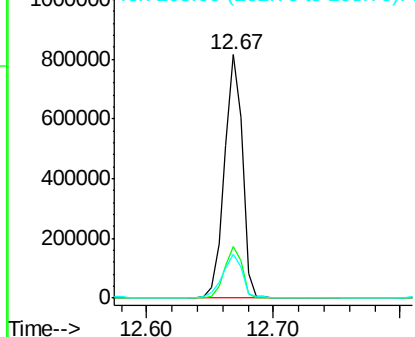


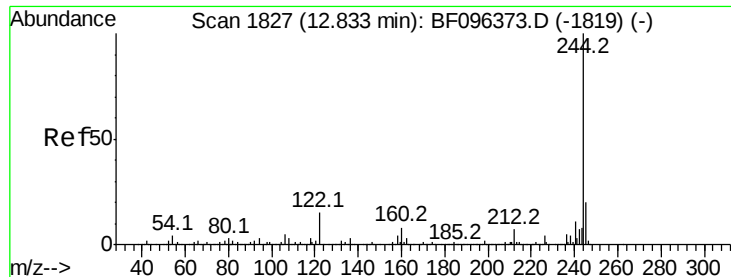
#77
Pyrene
Concen: 54.58 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:202 Resp: 793435
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.2 14.4 21.6



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: 70.45 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

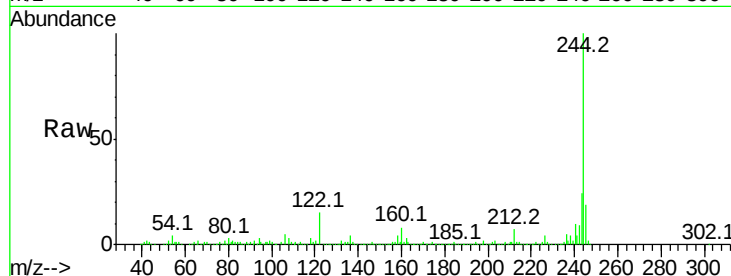
Tot Ion:244 Resp: 597121

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

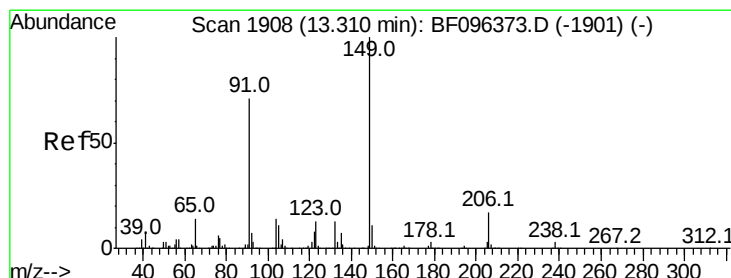
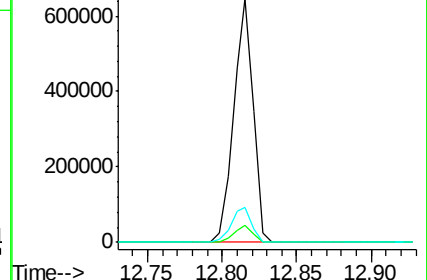
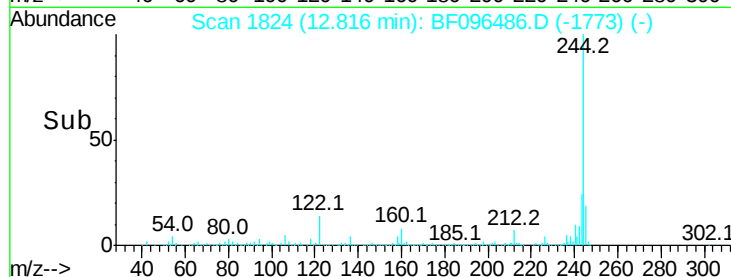
122 14.5 10.3 15.5



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: 36.75 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

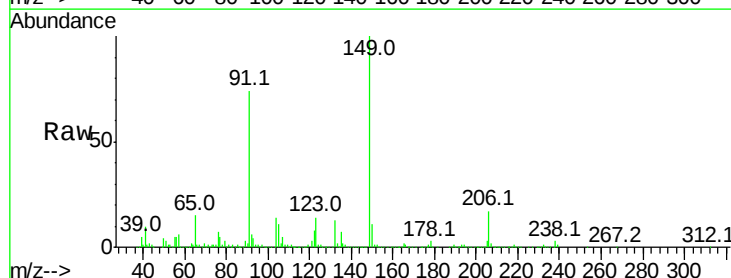
Tgt Ion:149 Resp: 270450

Ion Ratio Lower Upper

149 100

91 73.5 45.0 67.4#

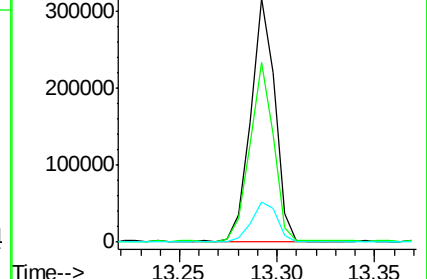
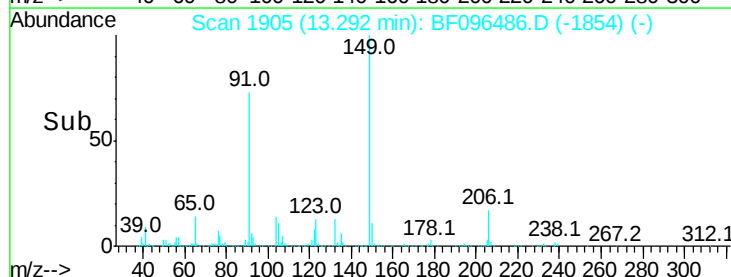
206 16.6 17.0 25.6#

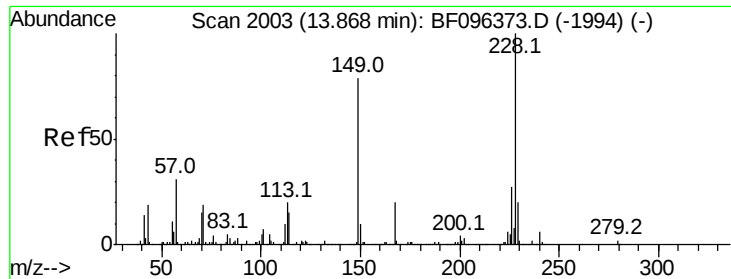


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

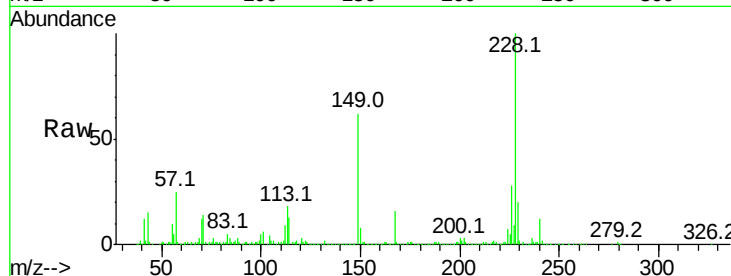




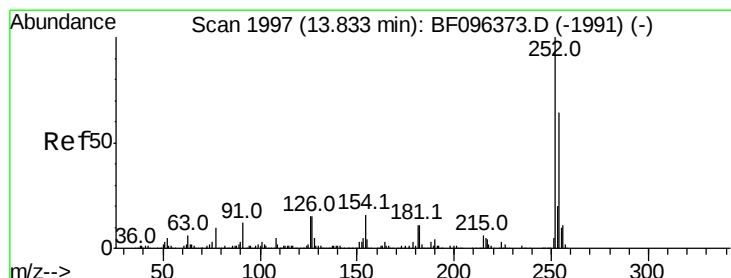
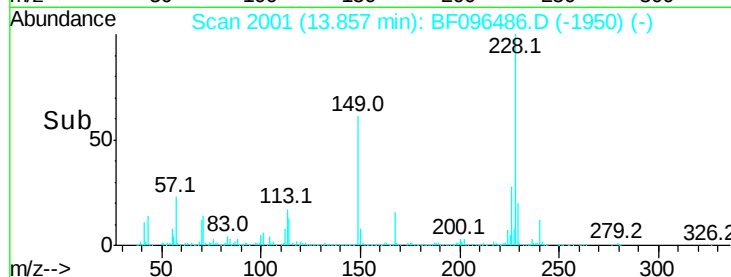
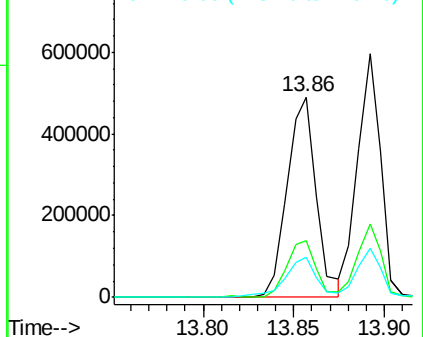
#80
Benzo(a)anthracene
Concen: 52.48 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 550450
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.9 16.3 24.5

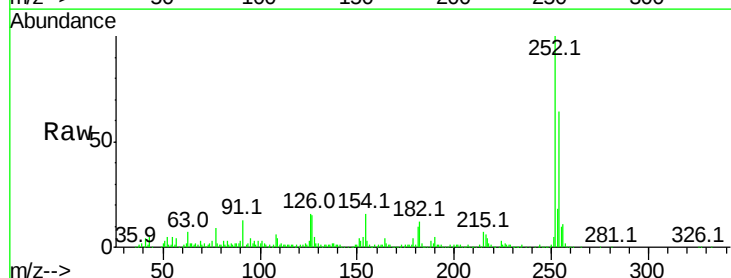


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

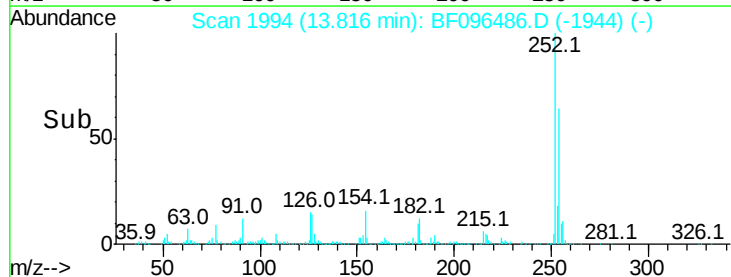
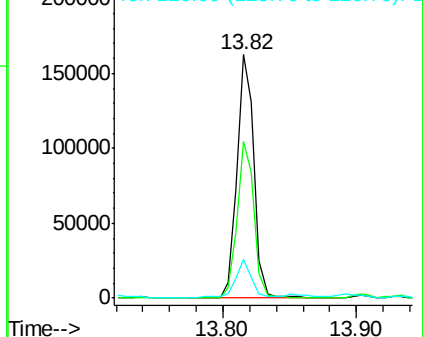


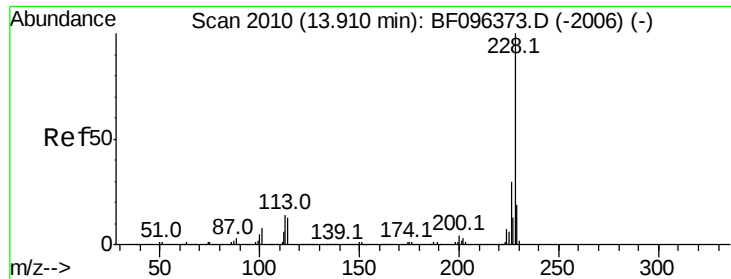
#81
3,3'-Dichlorobenzidine
Concen: 33.85 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:252 Resp: 145829
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 15.8 15.8 23.8#



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: 47.84 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

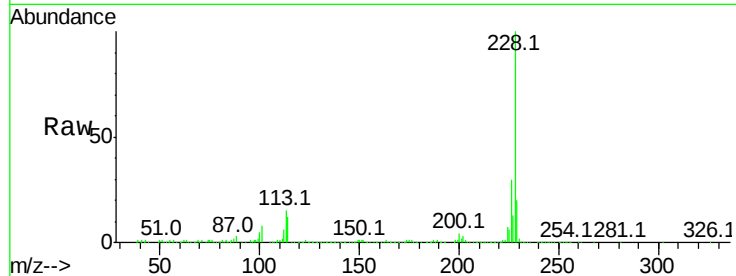
Tot Ion:228 Resp: 525450

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

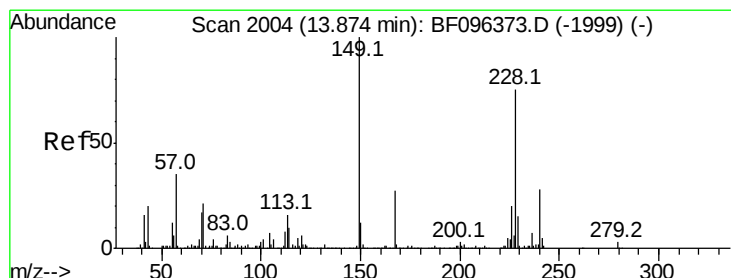
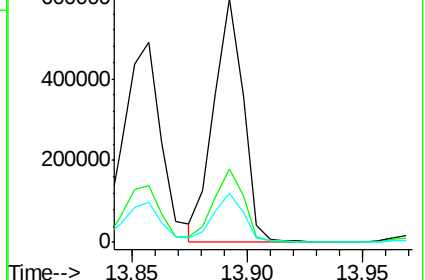
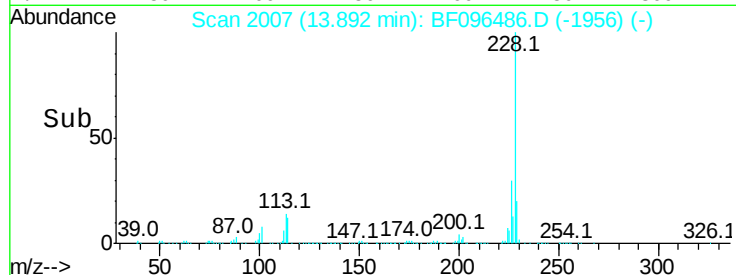
229 20.1 15.8 23.6



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: 38.49 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

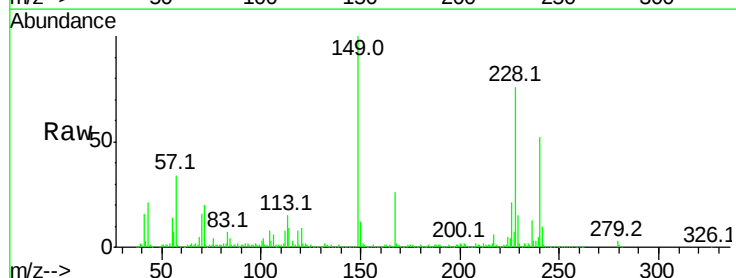
Tgt Ion:149 Resp: 316226

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

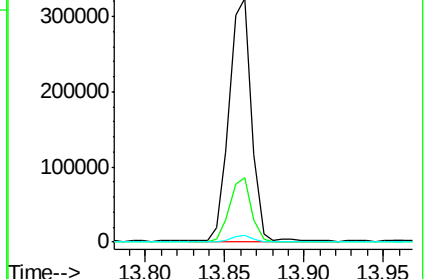
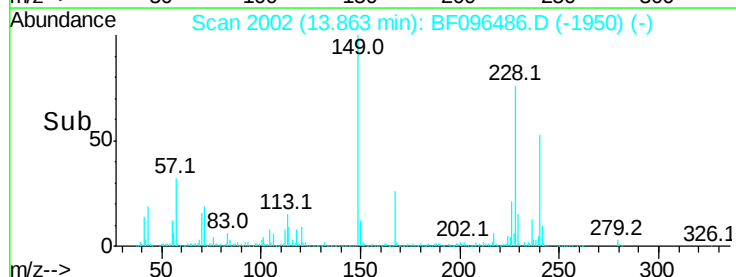
279 2.9 1.9 2.9#

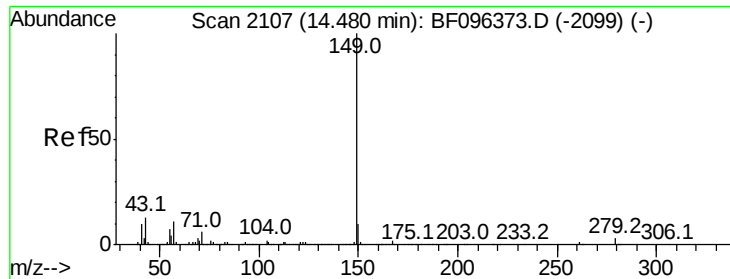


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

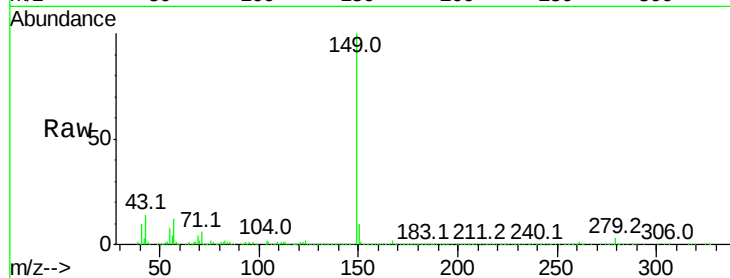




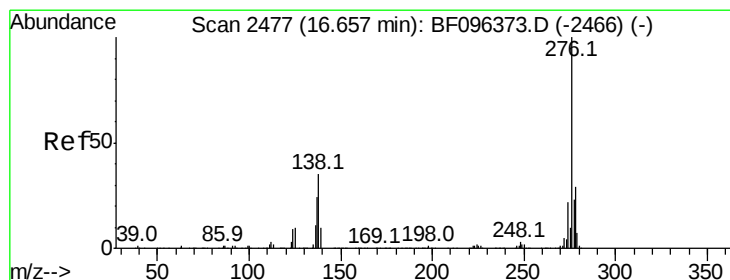
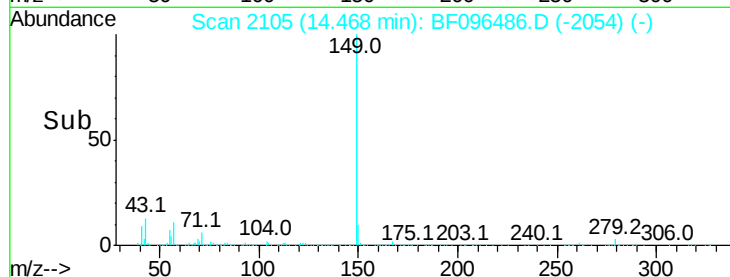
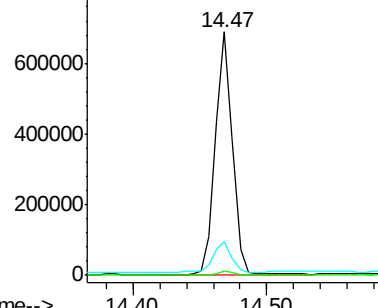
#84
Di-n-octyl phthalate
Concen: 37.61 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 608382
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.7 8.5 12.7#

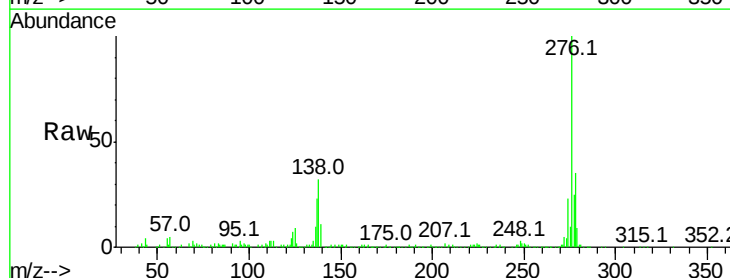


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

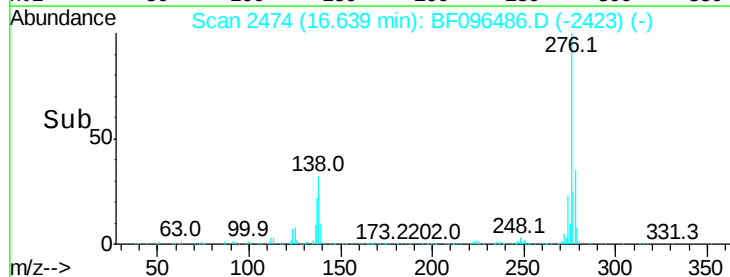
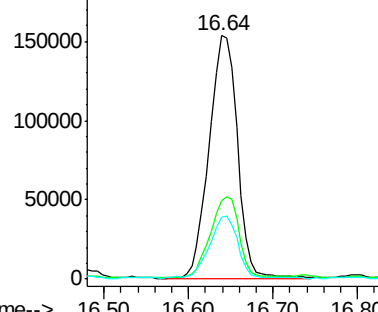


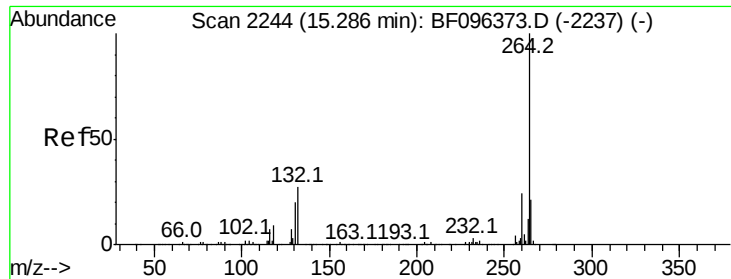
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.11 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:276 Resp: 356394
Ion Ratio Lower Upper
276 100
138 34.2 27.8 41.6
277 25.1 20.2 30.4



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

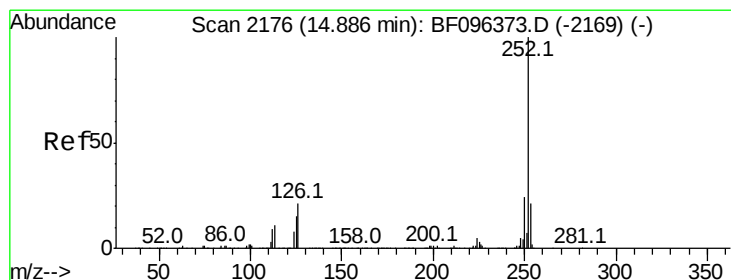
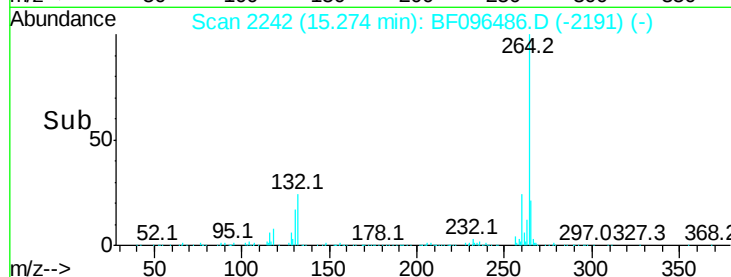
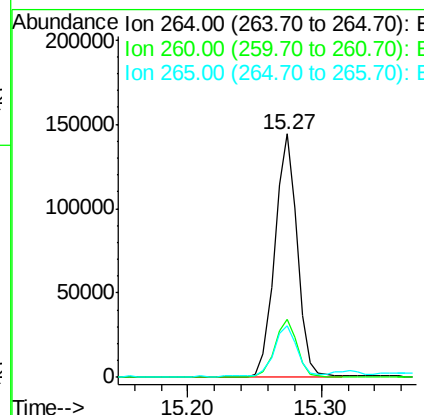
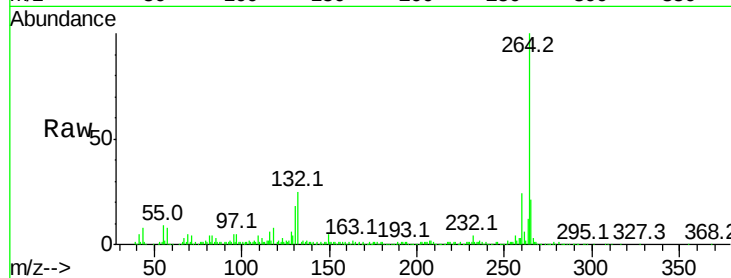




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

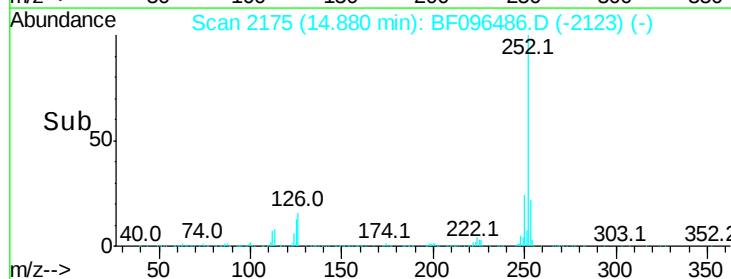
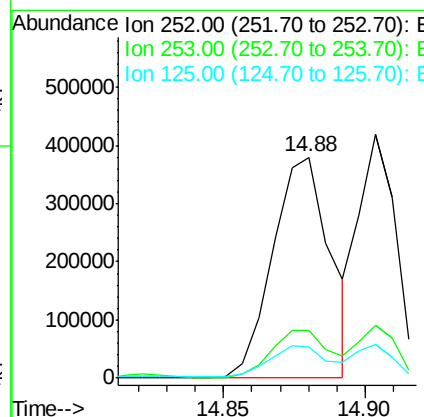
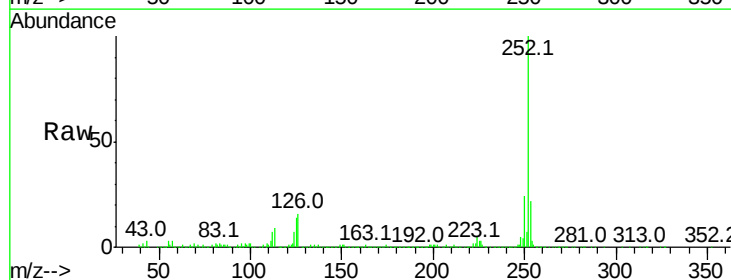
Instrument :
BNA_F
ClientSampleId :

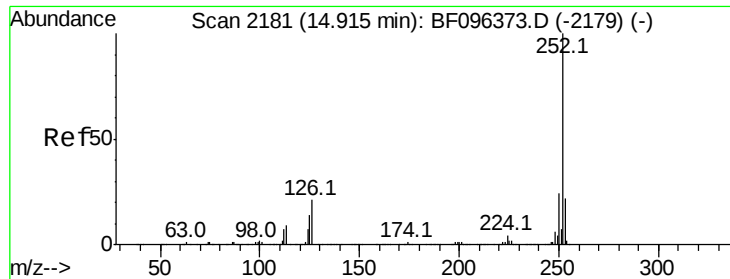
Tot Ion:264 Resp: 169878
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 20.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 50.16 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:252 Resp: 533910
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.2 9.8 14.8

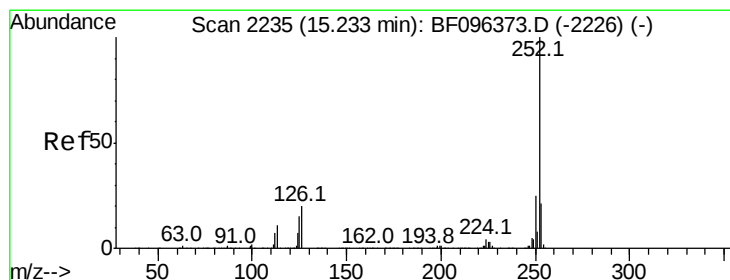
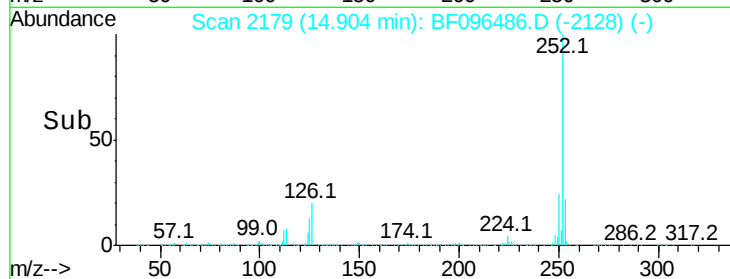
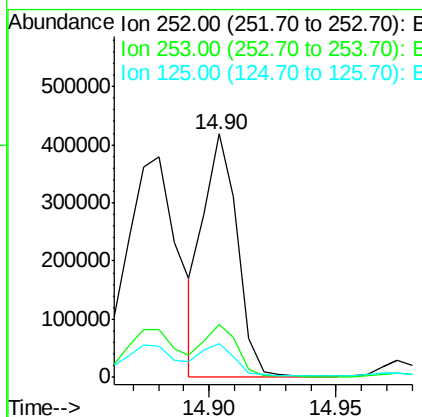
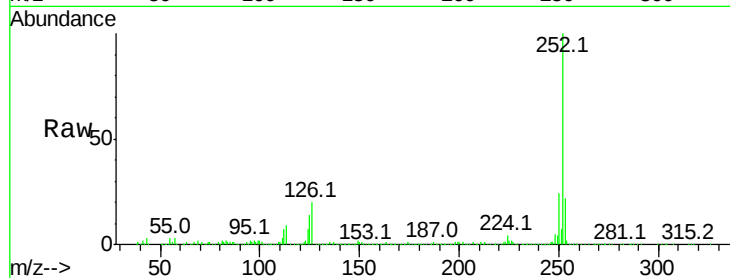




#88
Benzo(k)fluoranthene
Concen: 40.69 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

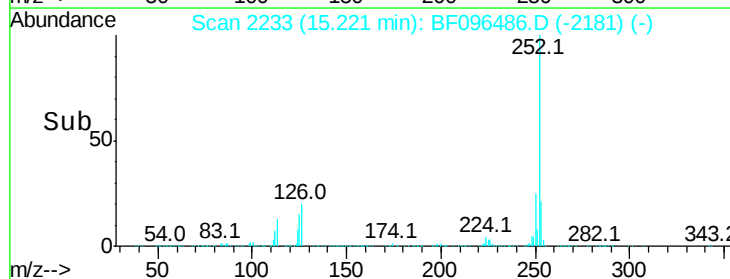
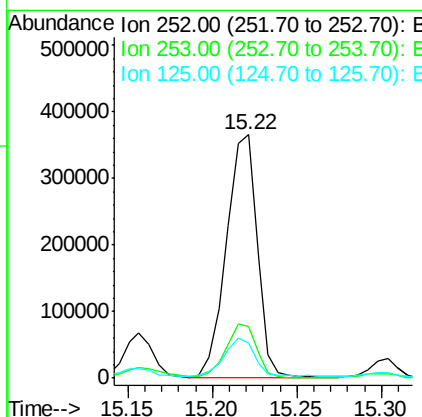
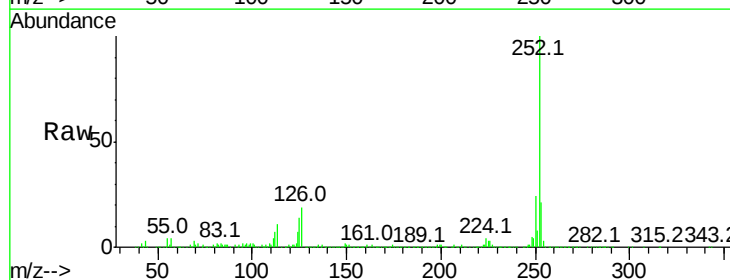
Instrument :
BNA_F
ClientSampleId :

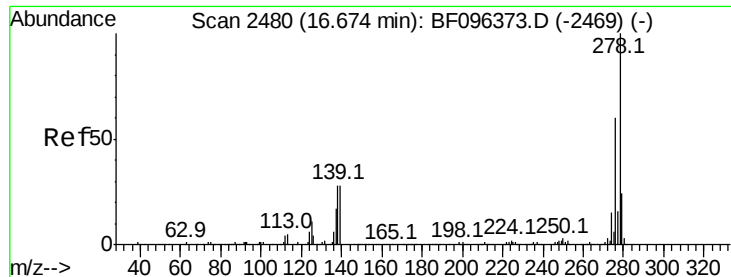
Tot Ion:252 Resp: 387465
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.7 13.1 19.7



#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:252 Resp: 461897
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 14.1 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 34.32 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

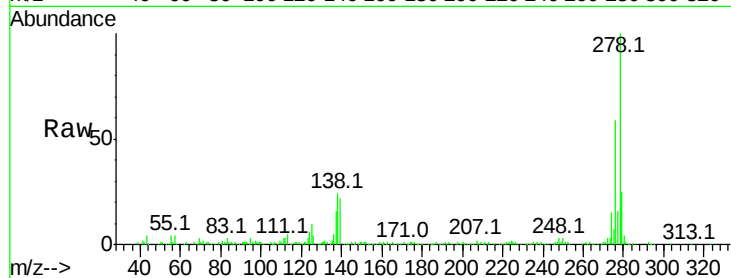
Tot Ion:278 Resp: 256553

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

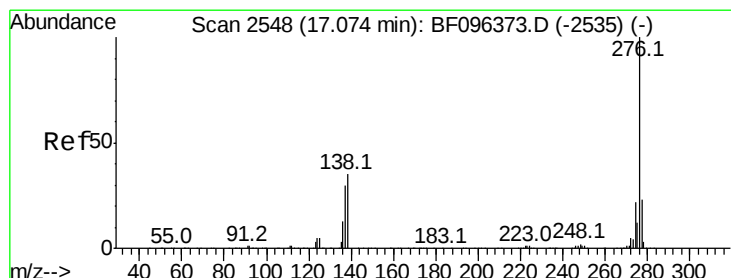
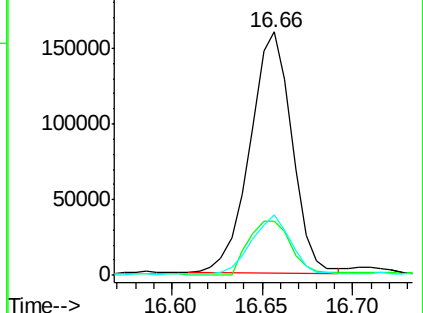
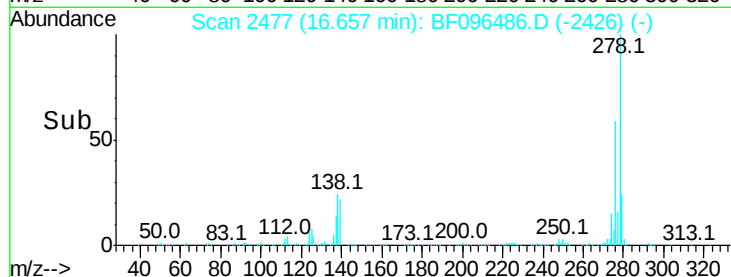
279 24.8 19.3 28.9



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(g,h,i)perylene

Concen: 38.47 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

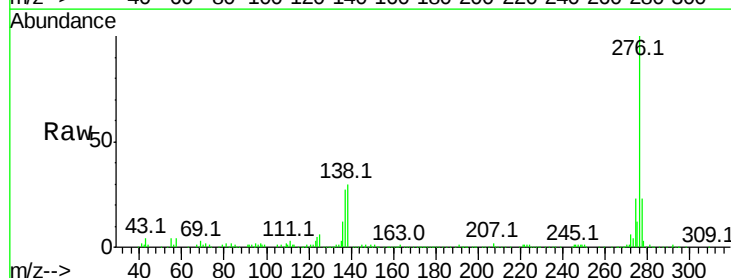
Tgt Ion:276 Resp: 298058

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 30.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

