

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095874.D
 Acq On : 12 Jun 2017 16:18
 Operator : SJ/MA
 Sample : PB99685BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:31:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	63138	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	264633	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	123565	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	221335	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	157143	20.00	ng	-0.04
86) Perylene-d12	19.99	264	114535	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	522616	131.90	ng	-0.03
7) Phenol-d6	6.92	99	603478	127.22	ng	-0.04
23) Nitrobenzene-d5	8.27	82	357621	83.93	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	133194	121.83	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	730643	82.28	ng	-0.05
78) Terphenyl-d14	16.97	244	628301	99.23	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	65751	34.88	ng	# 92
3) Pyridine	2.30	79	163890	36.99	ng	97
4) n-Nitrosodimethylamine	2.26	42	71365	42.37	ng	82
6) Aniline	6.85	93	161066	25.95	ng	93
8) 2-Chlorophenol	7.03	128	191083	45.36	ng	95
9) Benzaldehyde	6.66	77	59288	18.53	ng	97
10) Phenol	6.93	94	232842	47.32	ng	90
11) bis(2-Chloroethyl)ether	7.00	93	168462	43.22	ng	95
12) 1,3-Dichlorobenzene	7.25	146	198080	41.54	ng	99
13) 1,4-Dichlorobenzene	7.37	146	202320	41.84	ng	97
14) 1,2-Dichlorobenzene	7.61	146	191117	42.87	ng	96
15) Benzyl Alcohol	7.66	79	150341	46.18	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	232474	42.45	ng	96
17) 2-Methylphenol	7.88	107	156143	44.16	ng	97
18) Hexachloroethane	8.13	117	68942	43.17	ng	# 85
19) n-Nitroso-di-n-propylamine	8.08	70	130121	43.29	ng	93
20) 3+4-Methylphenols	8.15	107	202162	45.04	ng	# 59
22) Acetophenone	8.04	105	259554	41.90	ng	# 84
24) Nitrobenzene	8.30	77	185634	40.78	ng	95
25) Isophorone	8.70	82	330861	41.58	ng	96
26) 2-Nitrophenol	8.81	139	106298	44.60	ng	99
27) 2,4-Dimethylphenol	8.96	122	166424	44.99	ng	97
28) bis(2-Chloroethoxy)methane	9.08	93	217648	41.50	ng	99
29) 2,4-Dichlorophenol	9.24	162	158248	44.42	ng	100
30) 1,2,4-Trichlorobenzene	9.32	180	156114	42.12	ng	99
31) Naphthalene	9.42	128	539052	40.59	ng	99
32) Benzoic acid	9.27	122	9499	8.79	ng	# 82
33) 4-Chloroaniline	9.57	127	122076	23.52	ng	# 92
34) Hexachlorobutadiene	9.63	225	78819	41.15	ng	97
35) Caprolactam	10.20	113	23972	22.61	ng	# 87
36) 4-Chloro-3-methylphenol	10.44	107	167780	44.99	ng	90
37) 2-Methylnaphthalene	10.54	142	375531	41.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	145771	39.42	ng	99
40) Hexachlorocyclopentadiene	10.80	237	82478	72.39	ng	98

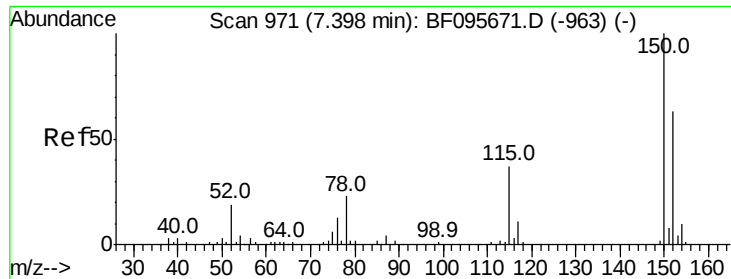
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	101476	42.68	nq	97
43) 2,4,5-Trichlorophenol	11.14	196	101825	40.26	nq	# 93
45) 1,1'-Biphenyl	11.31	154	419823	41.22	nq	97
46) 2-Chloronaphthalene	11.32	162	331079	41.61	nq	94
47) 2-Nitroaniline	11.54	65	97564	41.90	nq	# 84
48) Acenaphthylene	11.97	152	522324	38.39	nq	99
49) Dimethylphthalate	11.87	163	389115	41.48	nq	99
50) 2,6-Dinitrotoluene	11.96	165	84173	41.13	nq	# 81
51) Acenaphthene	12.26	154	306408	38.99	nq	100
52) 3-Nitroaniline	12.23	138	66050	27.70	nq	93
53) 2,4-Dinitrophenol	12.47	184	21670	23.66	nq	# 69
54) Dibenzofuran	12.54	168	474457	42.90	nq	98
55) 4-Nitrophenol	12.64	139	102530	74.02	nq	# 72
56) 2,4-Dinitrotoluene	12.63	165	119202	43.13	nq	# 88
57) Fluorene	13.10	166	383142	39.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	77112	44.56	nq	# 93
59) Diethylphthalate	13.02	149	385042	42.65	nq	98
60) 4-Chlorophenyl-phenylether	13.13	204	170935	40.84	nq	88
61) 4-Nitroaniline	13.23	138	92584	41.59	nq	97
62) Azobenzene	13.39	77	356607	43.58	nq	94
64) 4,6-Dinitro-2-methylphenol	13.32	198	34452	23.68	nq	# 76
65) n-Nitrosodiphenylamine	13.34	169	330823	41.60	nq	99
66) 4-Bromophenyl-phenylether	13.91	248	97612	42.43	nq	96
67) Hexachlorobenzene	13.99	284	98231	43.34	nq	# 88
68) Atrazine	14.27	200	100051	45.20	nq	97
69) Pentachlorophenol	14.36	266	43471	53.01	nq	92
70) Phenanthrene	14.64	178	540304	42.31	nq	97
71) Anthracene	14.72	178	562505	42.19	nq	99
72) Carbazole	15.02	167	516781	39.77	nq	97
73) Di-n-butylphthalate	15.62	149	622702	45.05	nq	98
74) Fluoranthene	16.42	202	546958	43.27	nq	98
76) Benzidine	16.64	184	234577	38.87	nq	# 92
77) Pyrene	16.72	202	548220	46.76	nq	98
79) Butylbenzylphthalate	17.64	149	248095	48.45	nq	90
80) Benzo(a)anthracene	18.31	228	396049	43.35	nq	97
81) 3,3'-Dichlorobenzidine	18.30	252	48051	14.79	nq	96
82) Chrysene	18.35	228	381765	41.81	nq	98
83) Bis(2-ethylhexyl)phthalate	18.40	149	333219	46.13	nq	# 99
84) Di-n-octyl phthalate	19.16	149	472809	39.72	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.15	276	317987	40.70	nq	99
87) Benzo(b)fluoranthene	19.58	252	288583	40.24	nq	98
88) Benzo(k)fluoranthene	19.61	252	293803	42.86	nq	96
89) Benzo(a)pyrene	19.93	252	279097	42.34	nq	100
90) Dibenzo(a,h)anthracene	21.15	278	265456	47.47	nq	97
91) Benzo(g,h,i)perylene	21.48	276	281616	49.40	nq	99

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

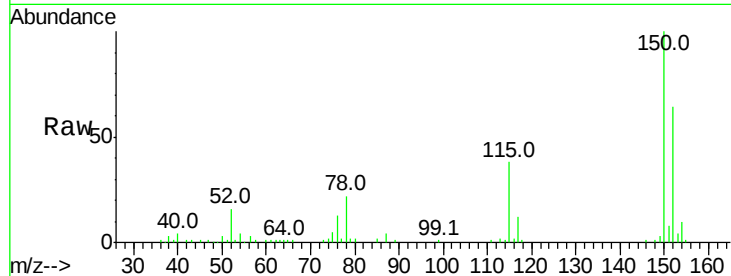


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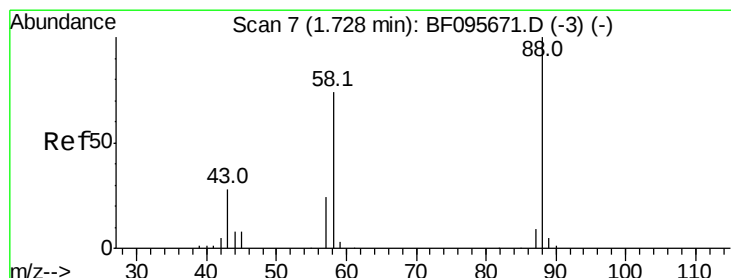
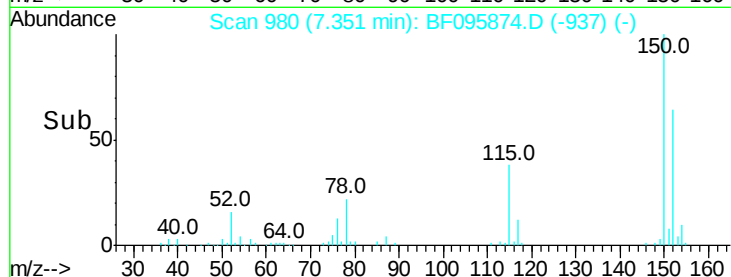
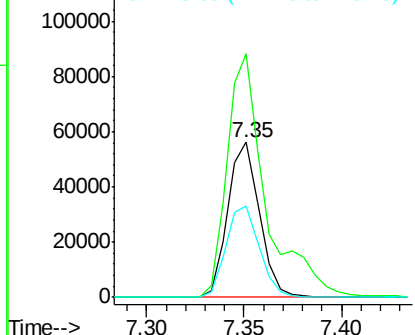
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63138
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 59.0 52.2 78.2



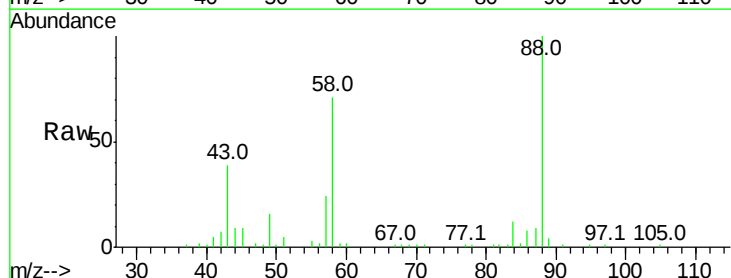
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



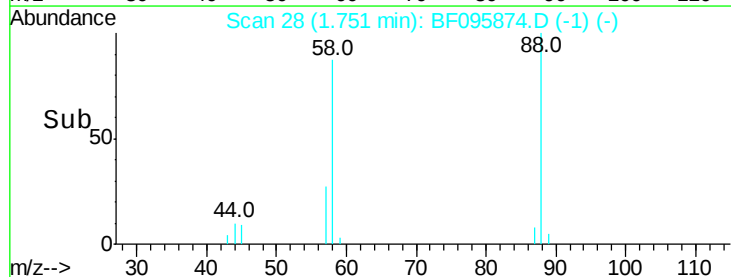
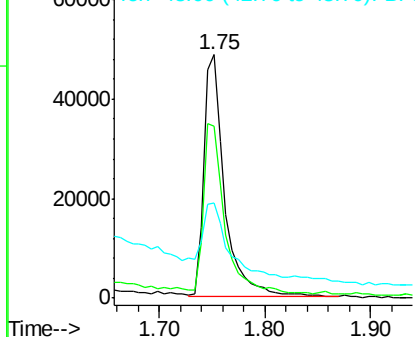
#2

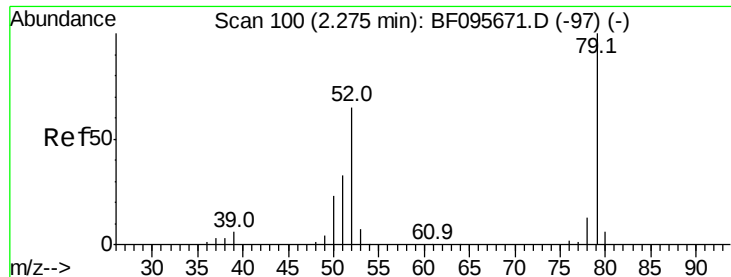
1,4-Dioxane
Concen: 34.88 ng
RT: 1.75 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion: 88 Resp: 65751
Ion Ratio Lower Upper
88 100
58 71.6 61.4 92.0
43 36.5 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.99 ng

RT: 2.30 min Scan# 122

Delta R.T. 0.03 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampled :

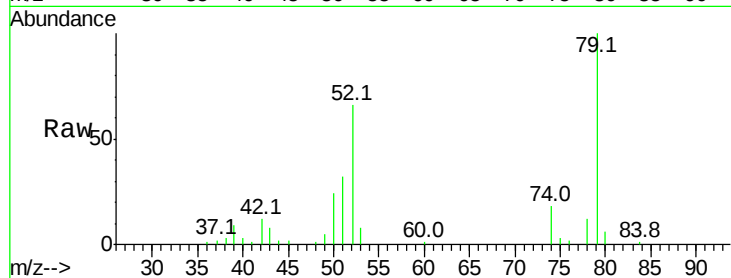
Tot Ion: 79 Resp: 163890

Ion Ratio Lower Upper

79 100

52 65.8 54.8 82.2

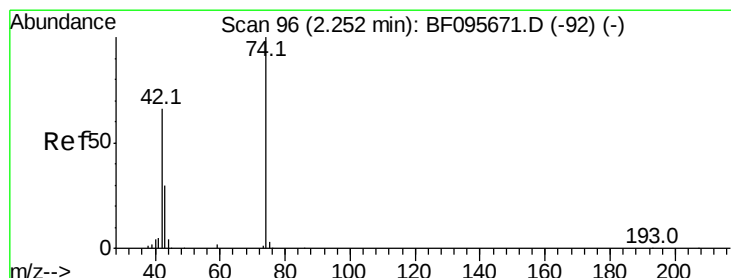
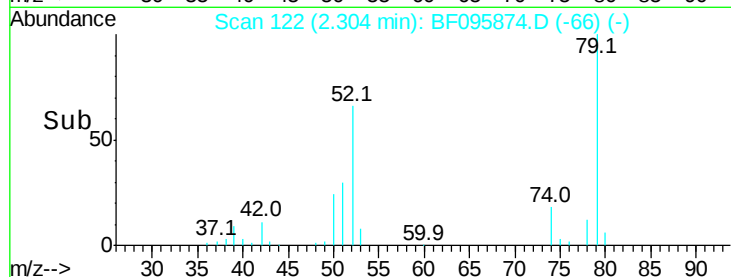
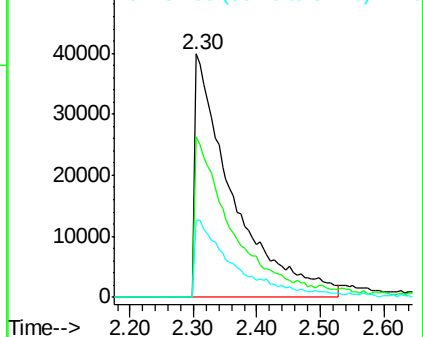
51 31.8 27.0 40.4



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: 42.37 ng

RT: 2.26 min Scan# 115

Delta R.T. 0.01 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

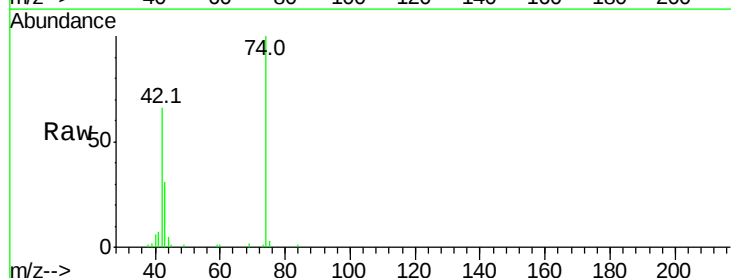
Tgt Ion: 42 Resp: 71365

Ion Ratio Lower Upper

42 100

74 152.0 103.9 155.9

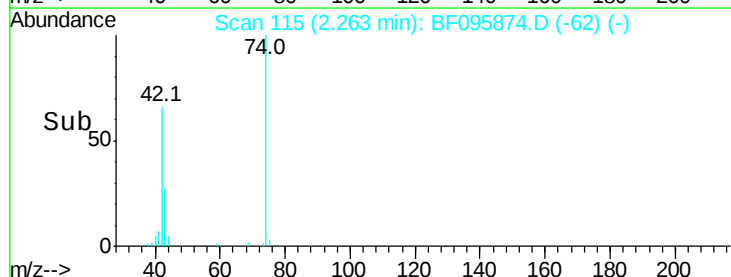
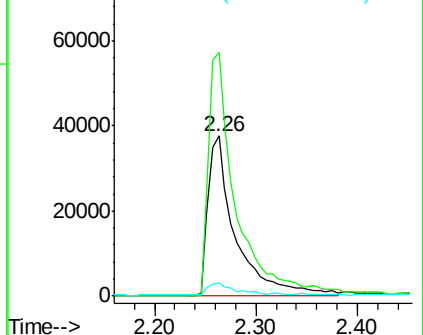
44 8.1 5.7 8.5

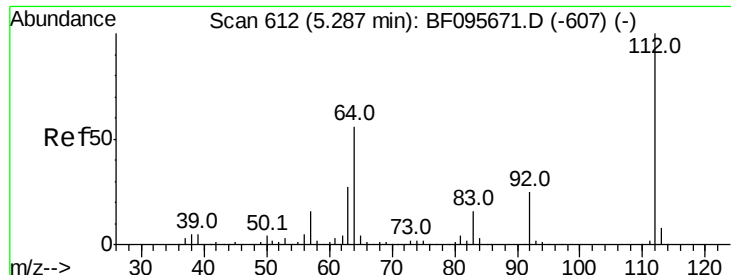


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.90 ng

RT: 5.26 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampled :

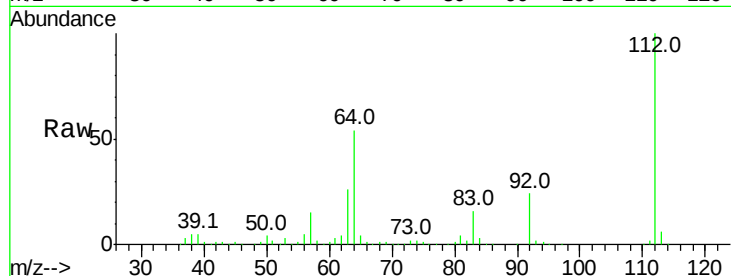
Tot Ion:112 Resp: 522616

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

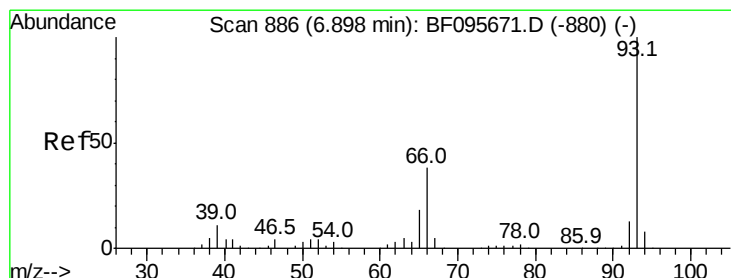
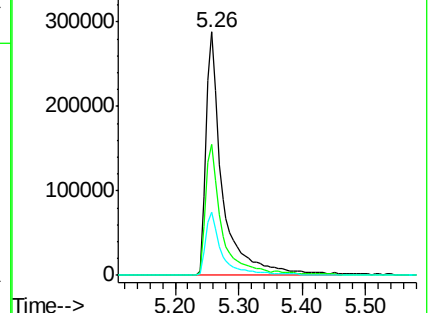
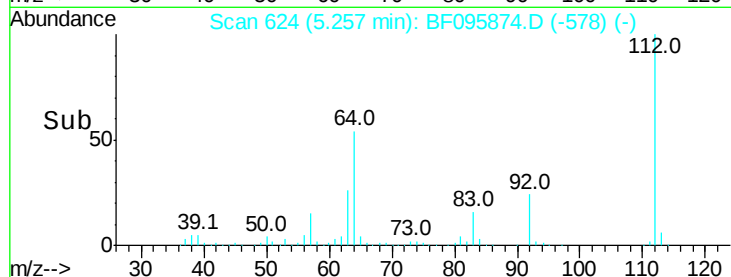
63 25.8 23.4 35.0



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: 25.95 ng

RT: 6.85 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

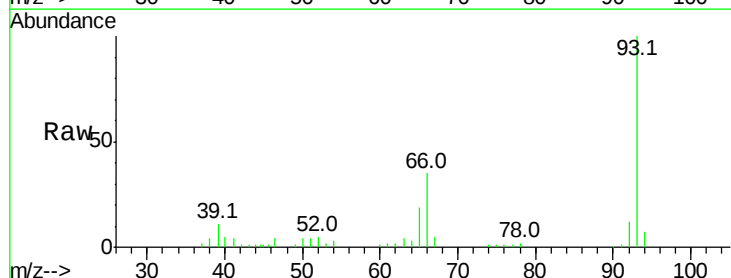
Tgt Ion: 93 Resp: 161066

Ion Ratio Lower Upper

93 100

66 35.1 32.9 49.3

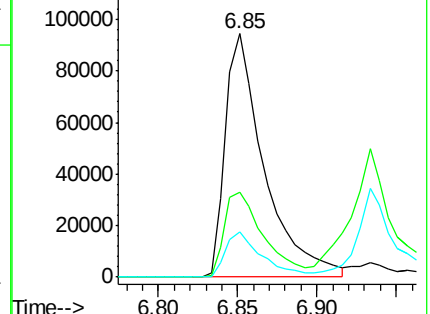
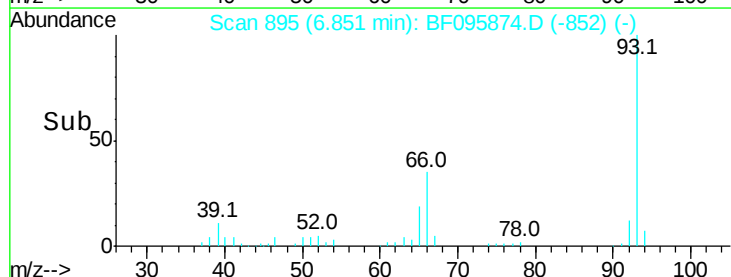
65 18.7 16.0 24.0

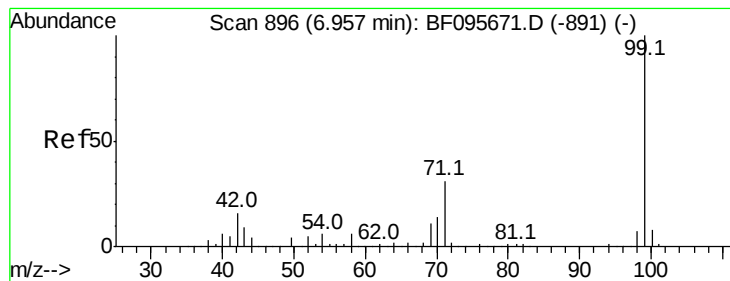


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.22 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

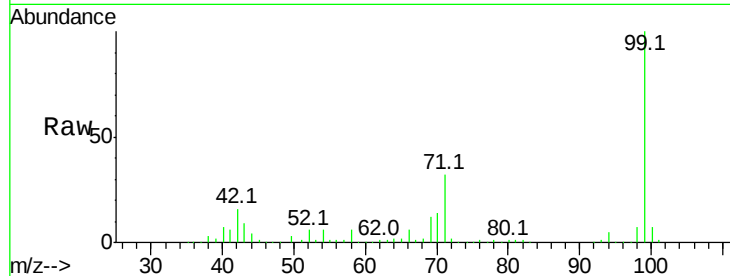
Tot Ion: 99 Resp: 603478

Ion Ratio Lower Upper

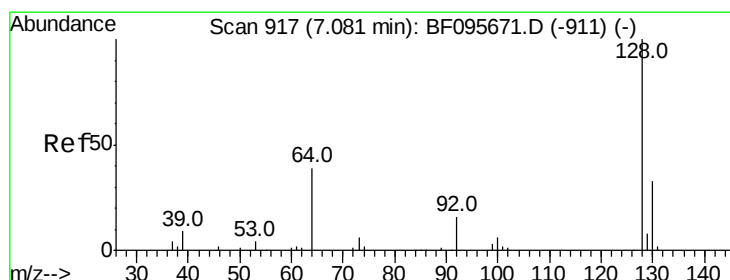
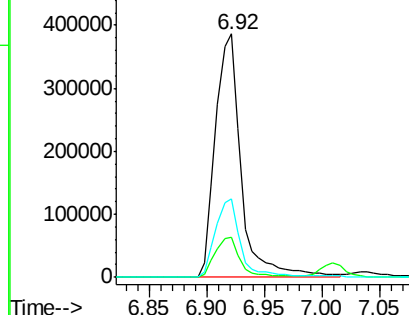
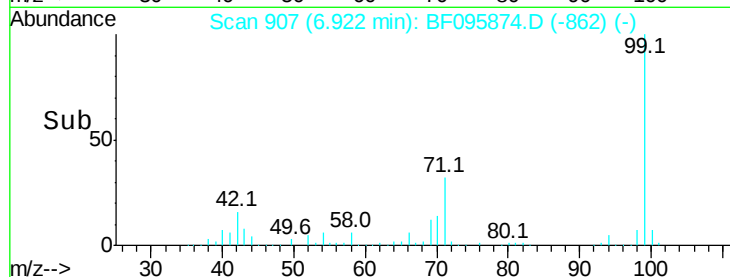
99 100

42 16.3 13.5 20.3

71 32.1 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: 45.36 ng

RT: 7.03 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

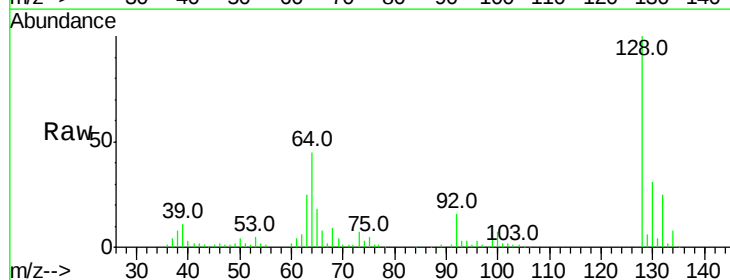
Tgt Ion: 128 Resp: 191083

Ion Ratio Lower Upper

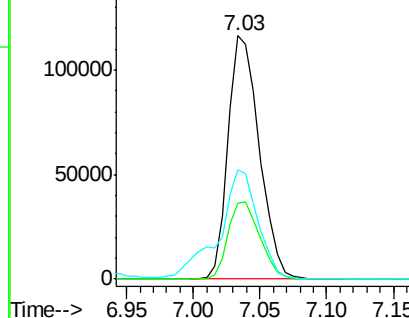
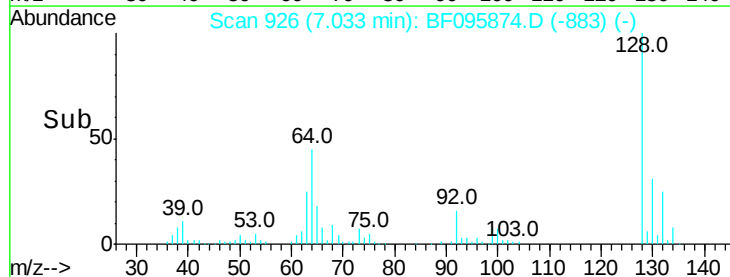
128 100

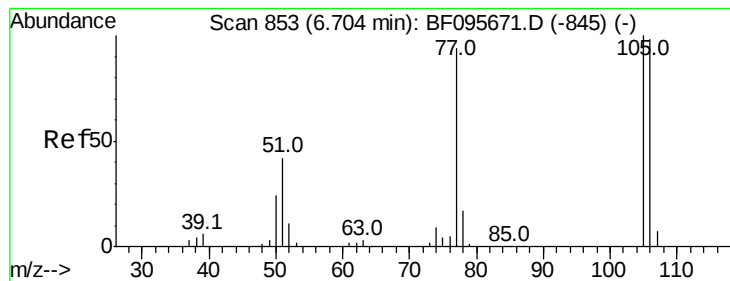
130 31.2 12.9 52.9

64 44.7 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: 18.53 ng

RT: 6.66 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampled :

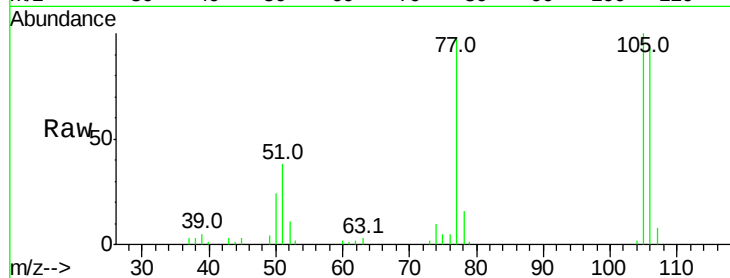
Tot Ion: 77 Resp: 59288

Ion Ratio Lower Upper

77 100

105 102.3 83.8 123.8

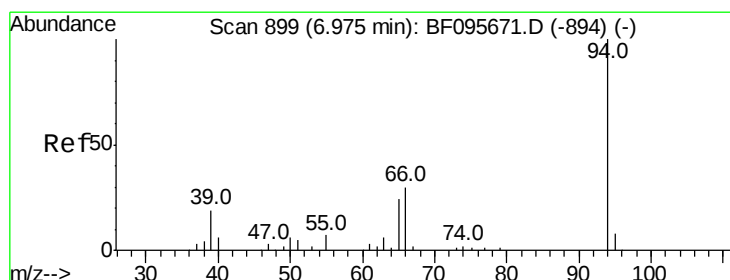
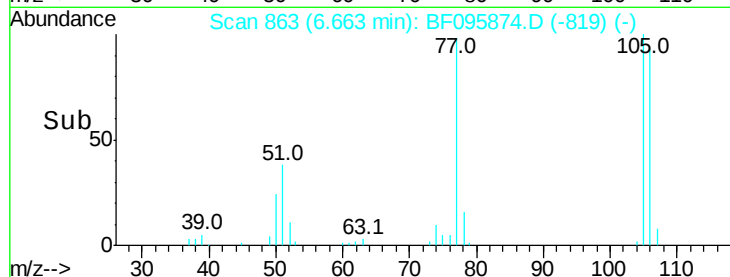
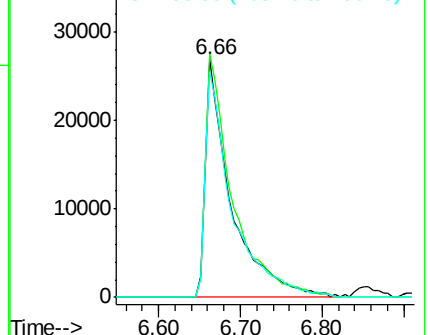
106 95.0 79.1 119.1



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: 47.32 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

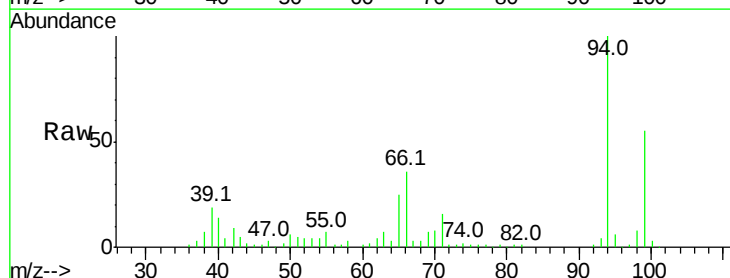
Tgt Ion: 94 Resp: 232842

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

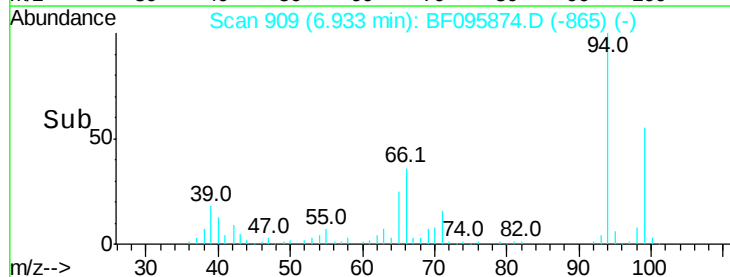
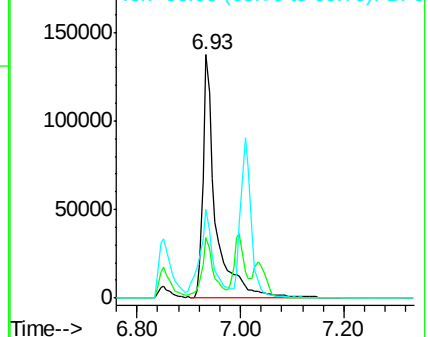
66 36.4 23.1 63.1

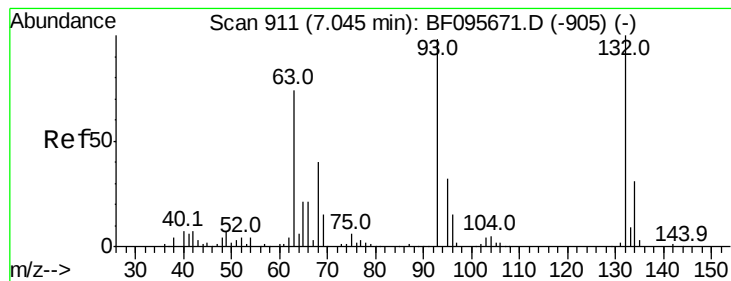


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

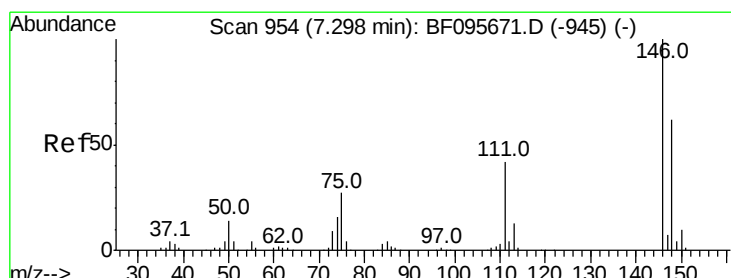
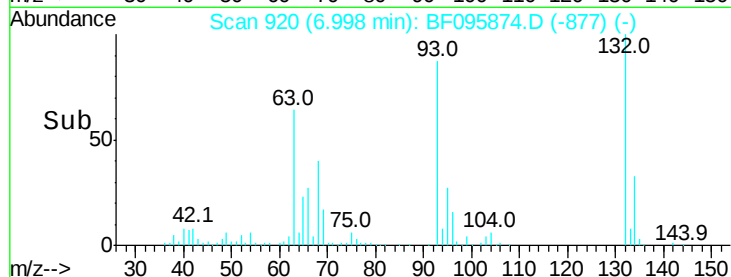
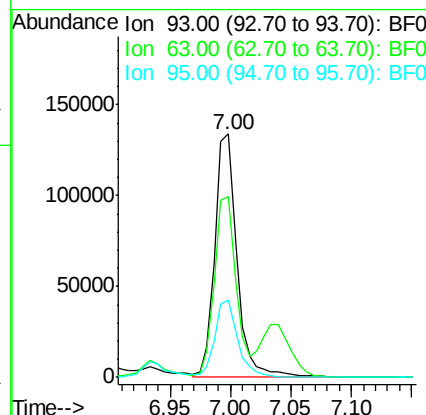
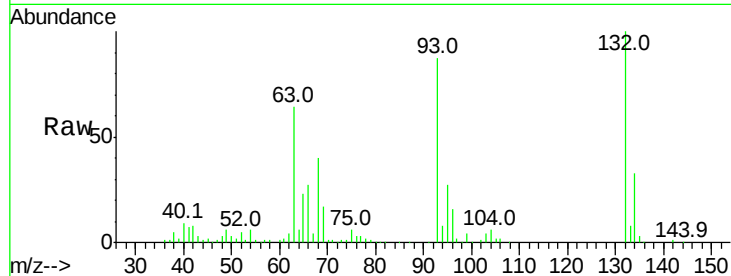




#11
bis(2-Chloroethyl)ether
Concen: 43.22 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

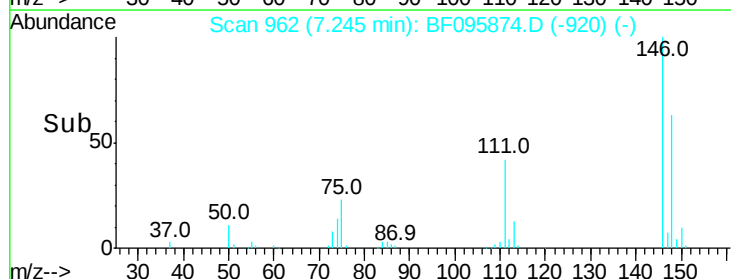
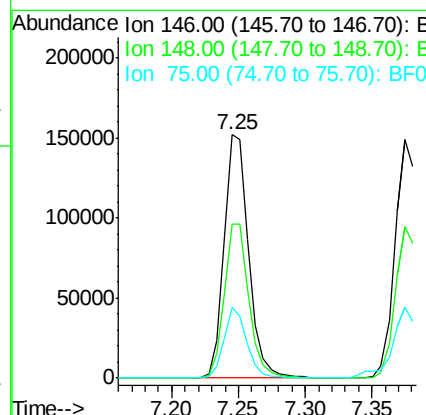
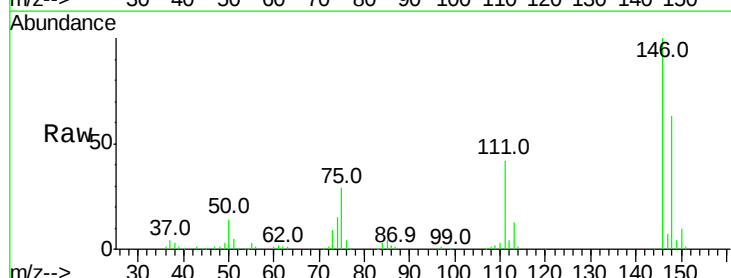
Instrument :
BNA_F
ClientSampleId :

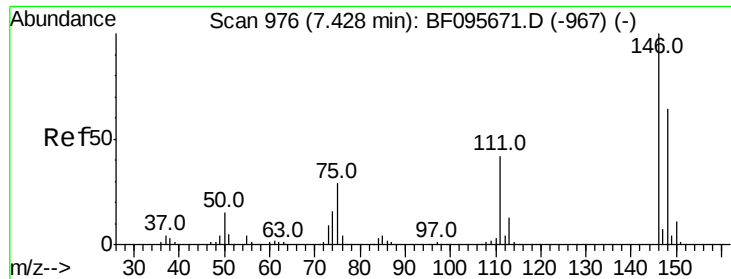
Tot Ion: 93 Resp: 168462
Ion Ratio Lower Upper
93 100
63 74.2 59.2 99.2
95 31.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.54 ng
RT: 7.25 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion: 146 Resp: 198080
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
75 29.1 23.1 34.7

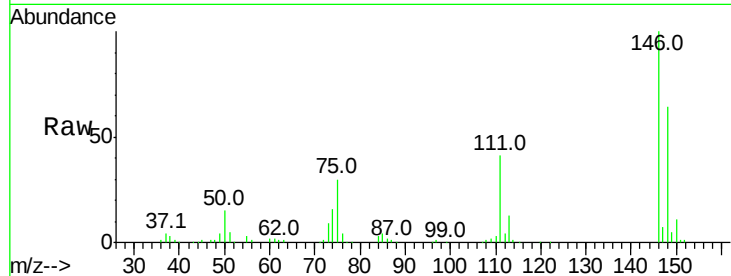




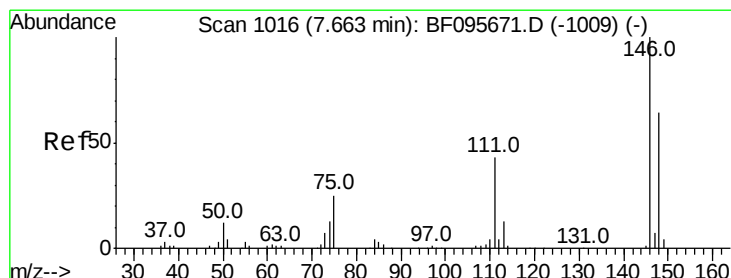
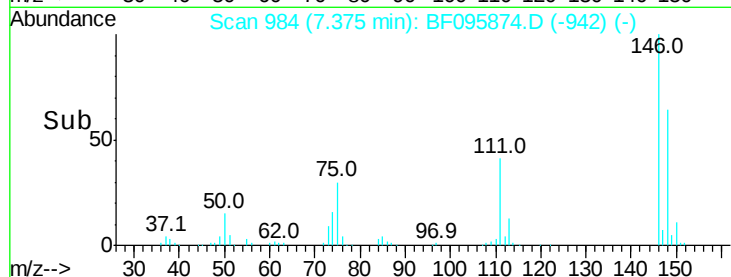
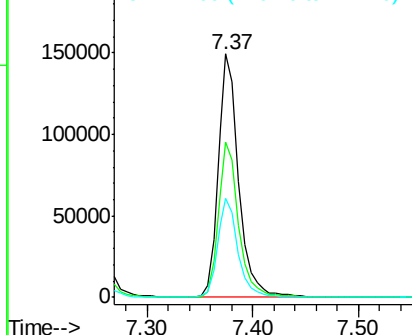
#13
 1,4-Dichlorobenzene
 Concen: 41.84 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 202320
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 40.9 30.3 45.5

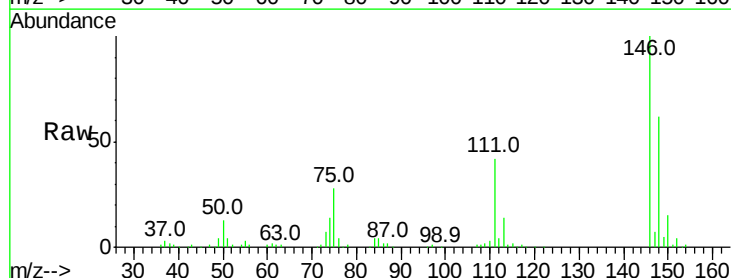


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

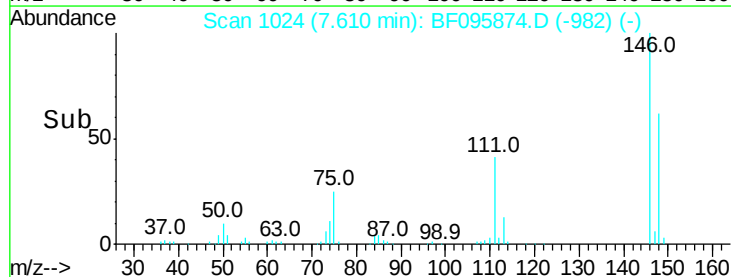
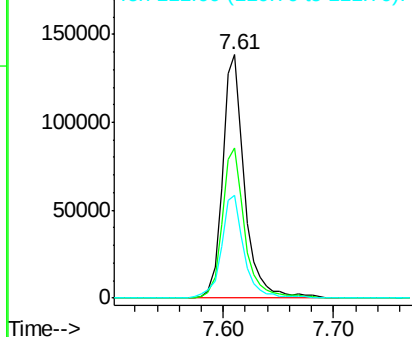


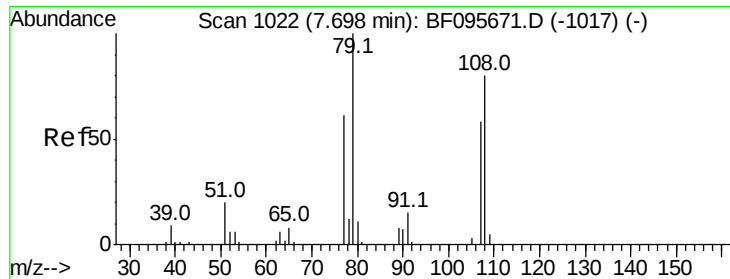
#14
 1,2-Dichlorobenzene
 Concen: 42.87 ng
 RT: 7.61 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:146 Resp: 191117
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.4 75.6
 111 42.3 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

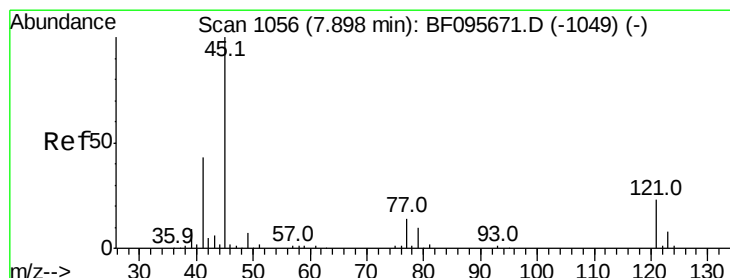
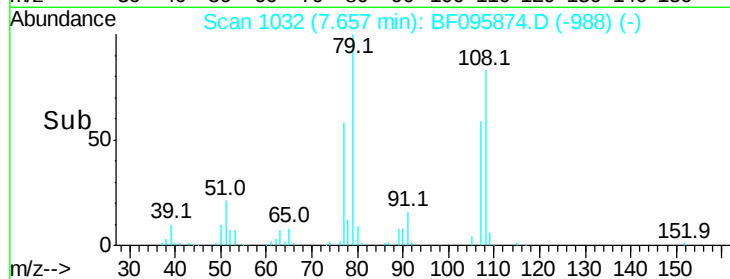
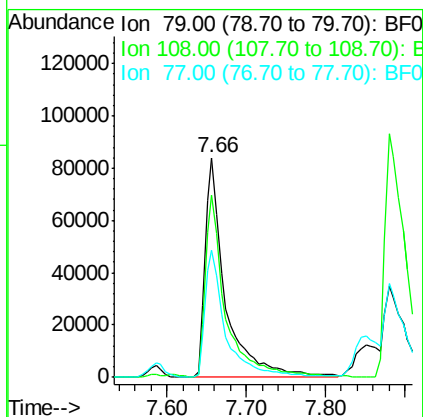
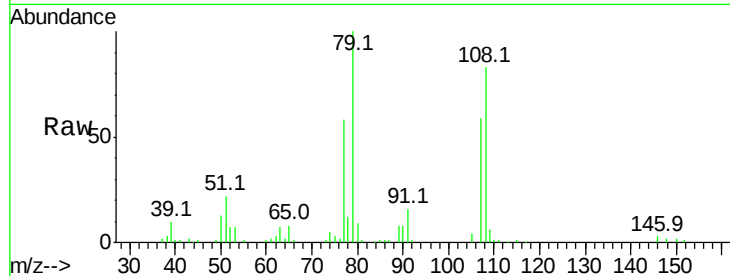




#15
Benzyl Alcohol
Concen: 46.18 ng
RT: 7.66 min Scan# 1032
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

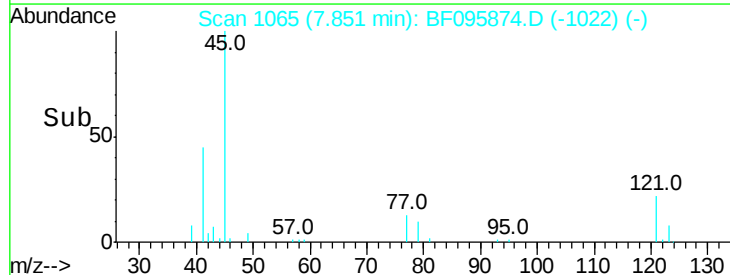
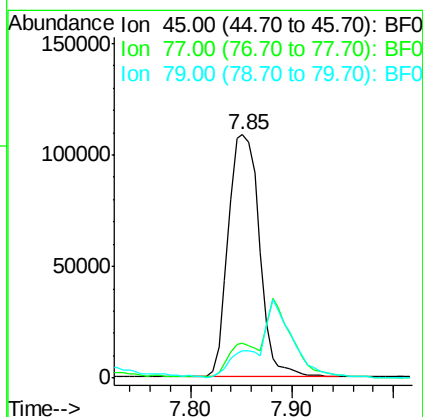
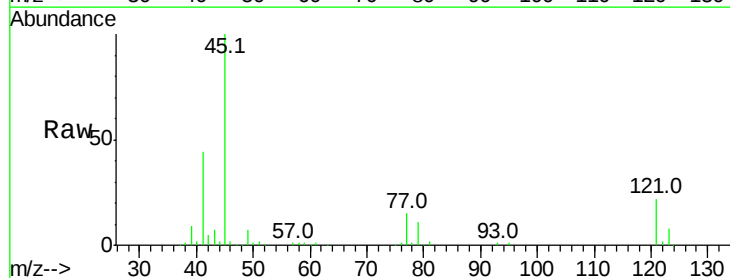
Instrument :
BNA_F
ClientSampleId :

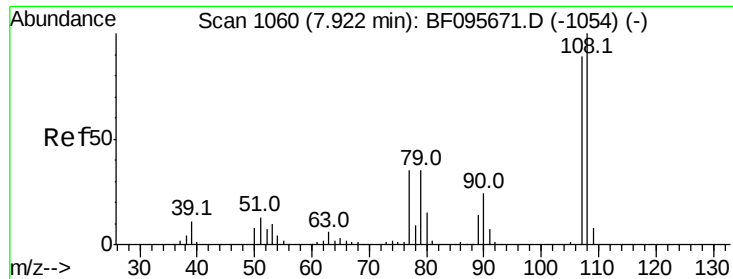
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	63.4	95.0
77	57.9	49.2	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.45 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.2
79	11.4	0.0	30.0

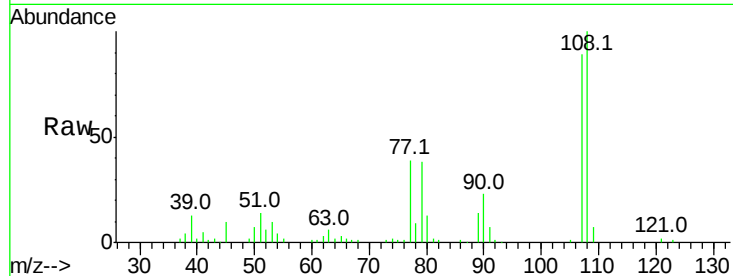




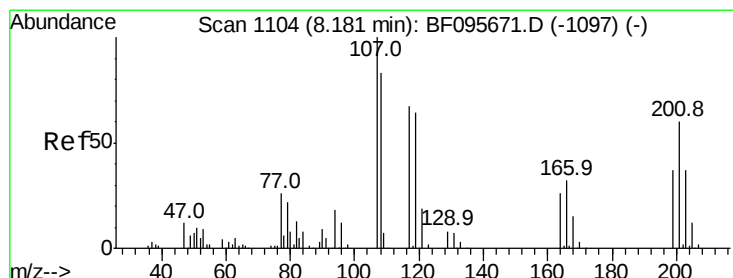
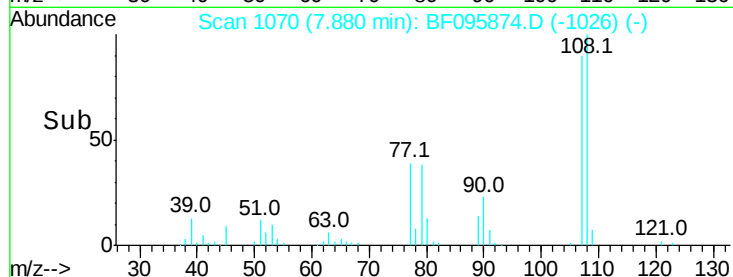
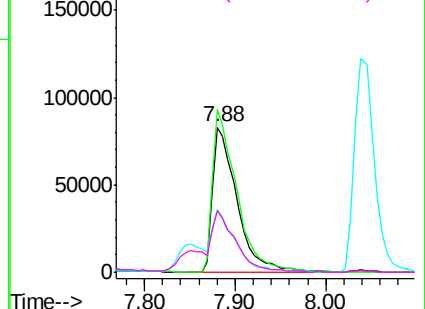
#17
2-Methylphenol
Concen: 44.16 ng
RT: 7.88 min Scan# 1070
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 156143
Ion Ratio Lower Upper
107 100
108 112.0 93.4 140.0
77 43.3 35.8 53.6
79 42.3 34.8 52.2

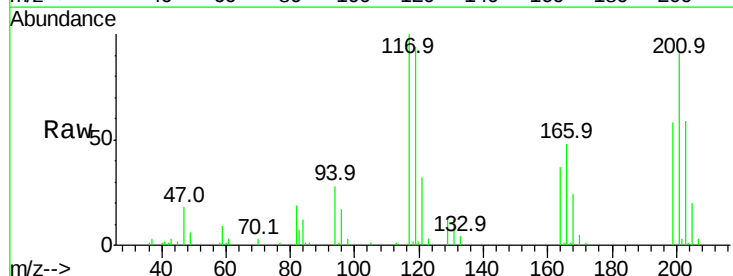


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

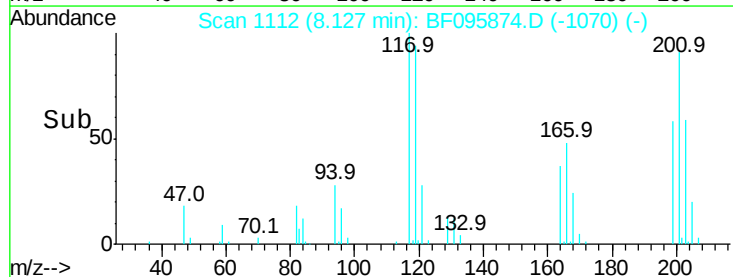
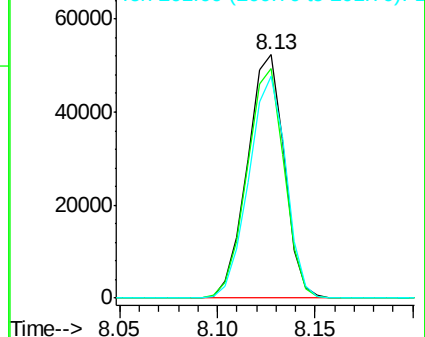


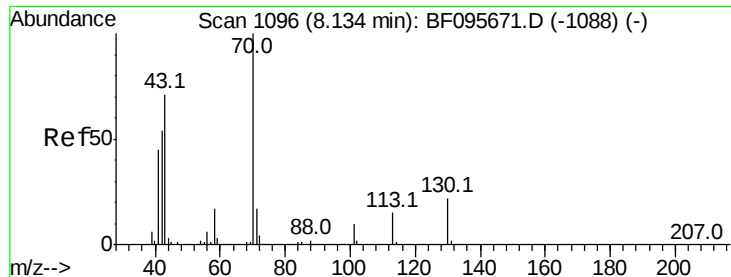
#18
Hexachloroethane
Concen: 43.17 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:117 Resp: 68942
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
201 91.1 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

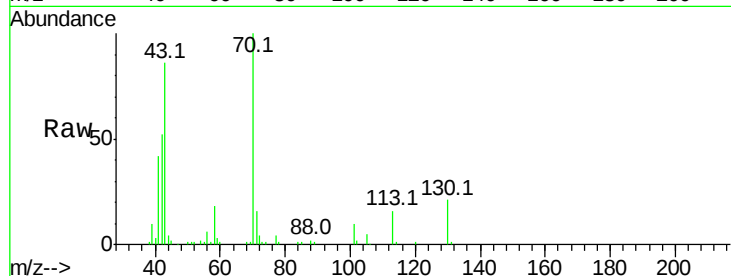




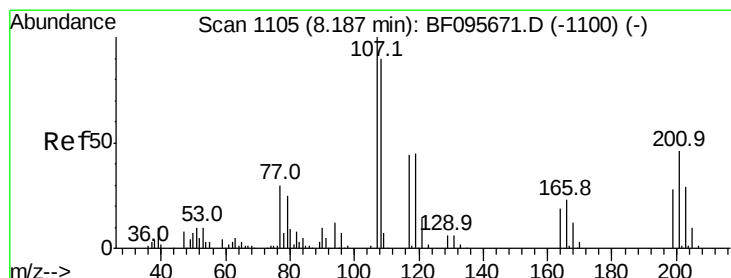
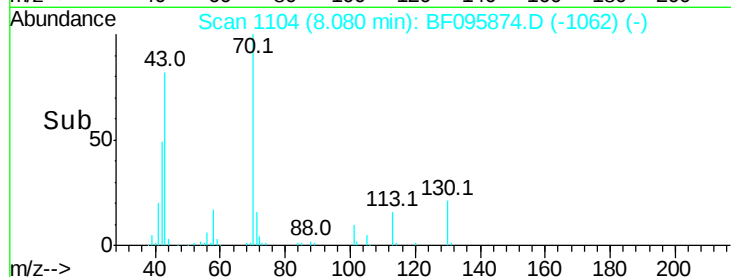
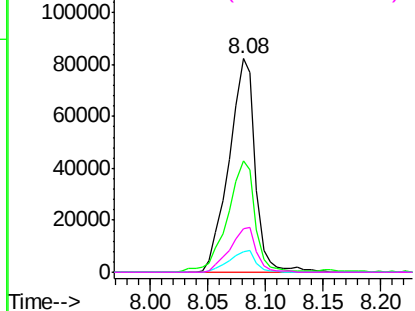
#19
n-Nitroso-di-n-propylamine
Concen: 43.29 ng
RT: 8.08 min Scan# 1104
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.2	70.8
101	9.6	7.2	10.8
130	20.6	15.9	23.9



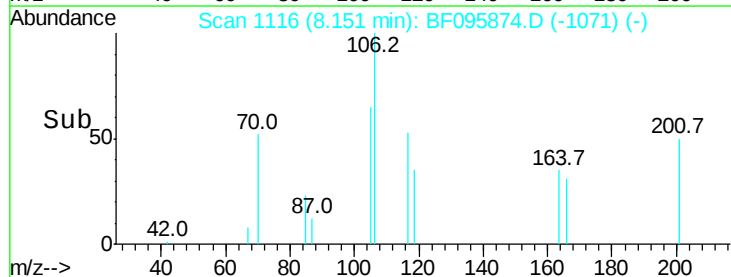
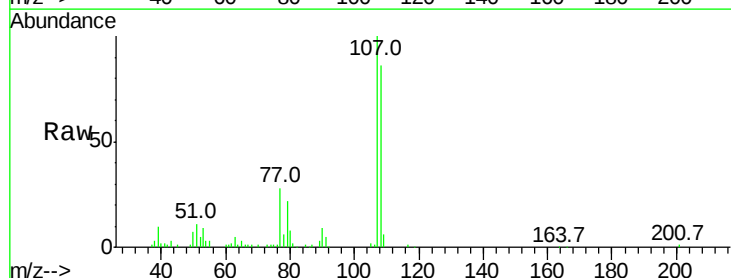
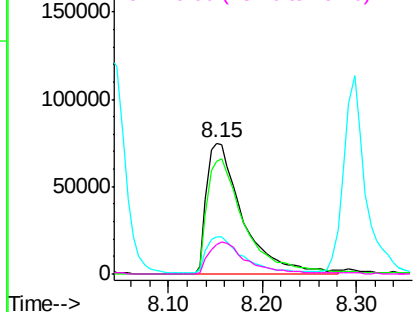
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

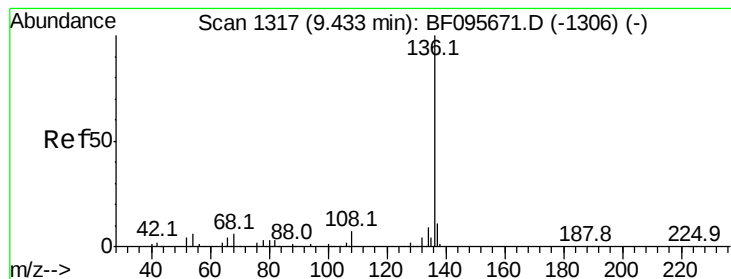


#20
3+4-Methylphenols
Concen: 45.04 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.0	111.0
77	28.0	90.5	130.5#
79	22.4	8.4	48.4

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 264633

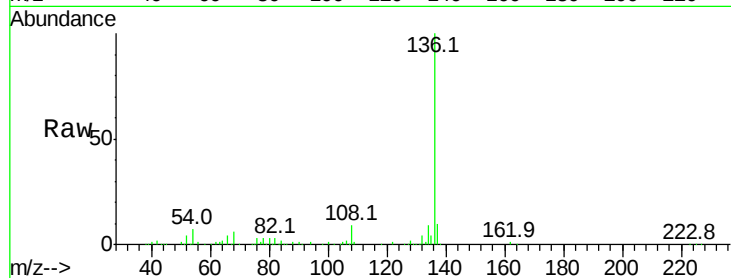
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

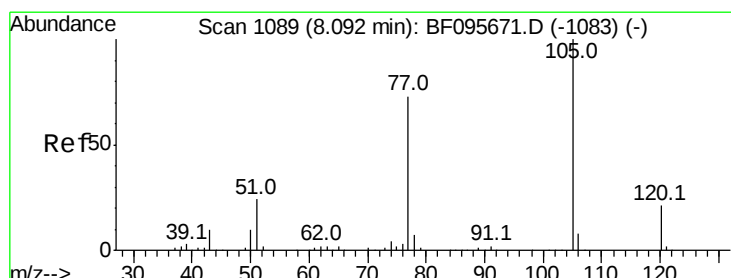
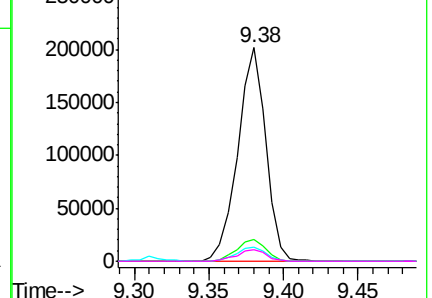
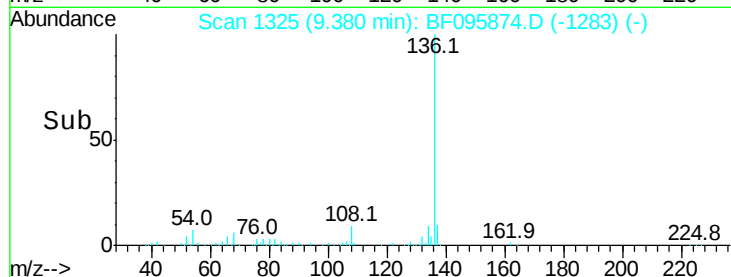


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.90 ng

RT: 8.04 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Tgt Ion:105 Resp: 259554

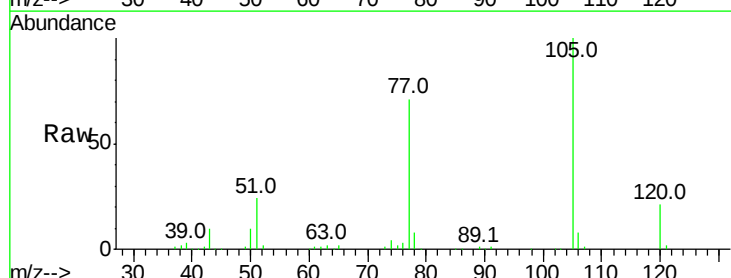
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.6 30.7 46.1#

120 21.0 17.4 26.0

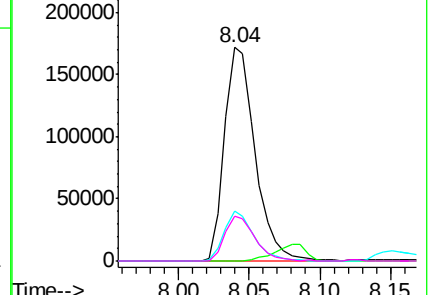
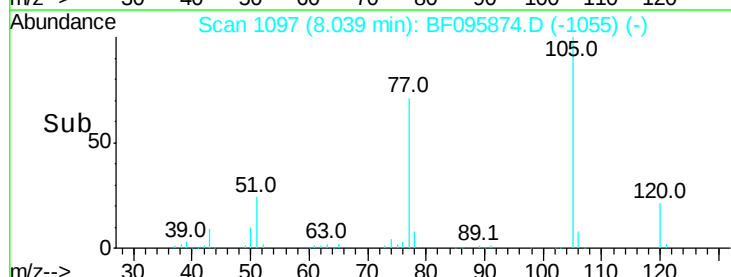


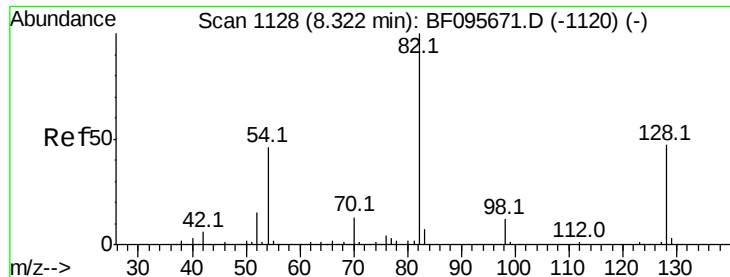
Abundance Ion 105.00 (104.70 to 105.70): E

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

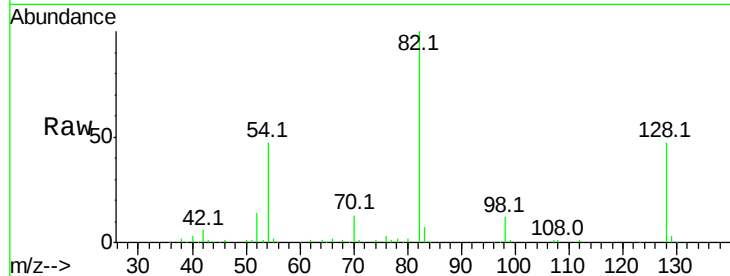




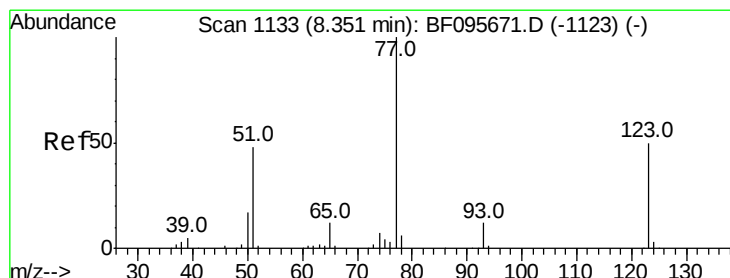
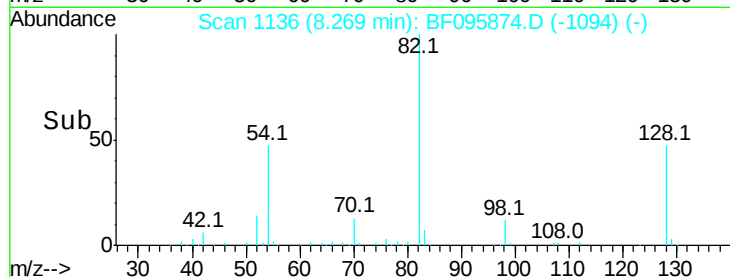
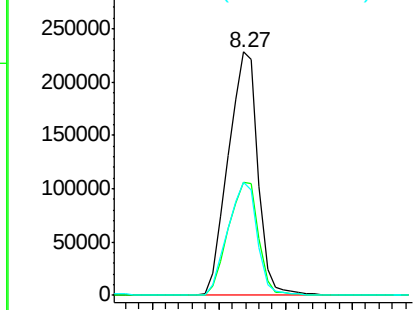
#23
 Nitrobenzene-d5
 Concen: 83.93 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 357621
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 46.5 42.2 63.2

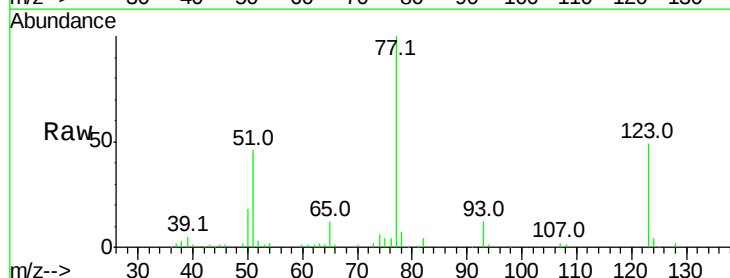


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

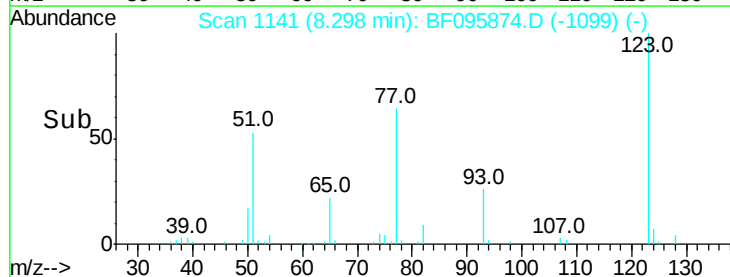
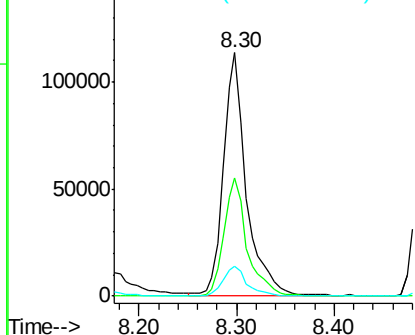


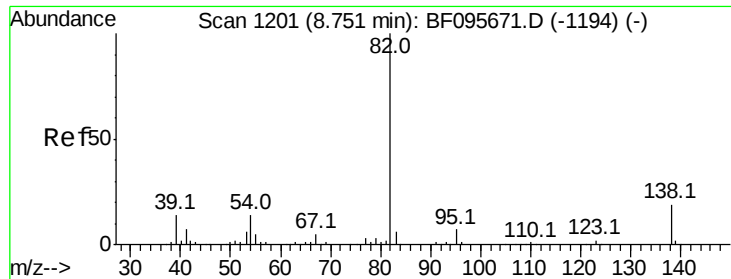
#24
 Nitrobenzene
 Concen: 40.78 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion: 77 Resp: 185634
 Ion Ratio Lower Upper
 77 100
 123 48.5 35.8 53.8
 65 12.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.58 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampled :

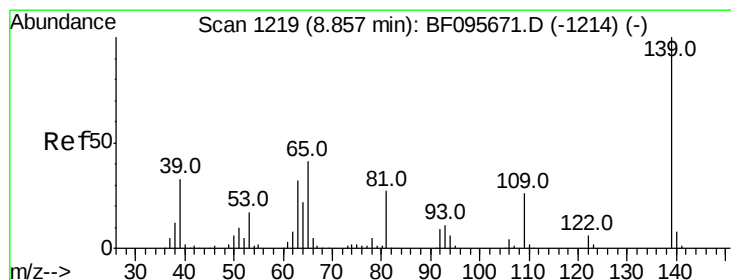
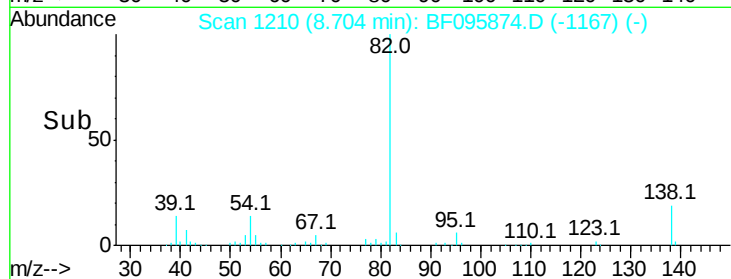
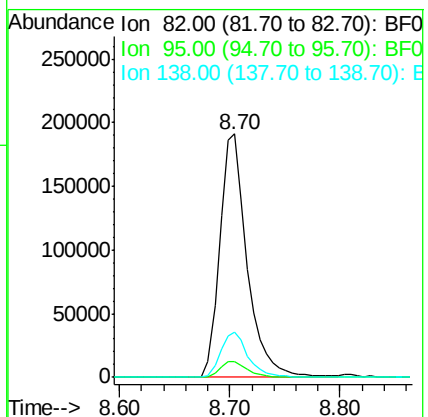
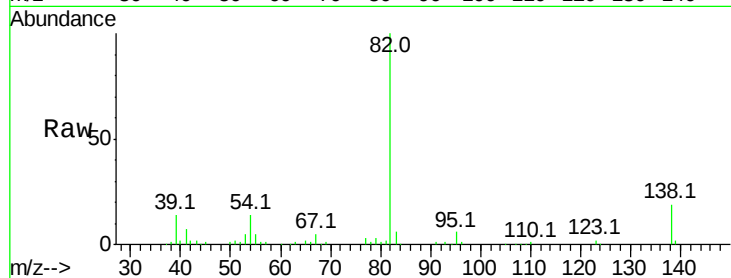
Tot Ion: 82 Resp: 330861

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 44.60 ng

RT: 8.81 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

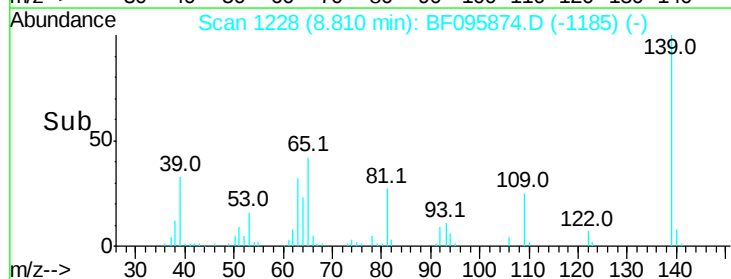
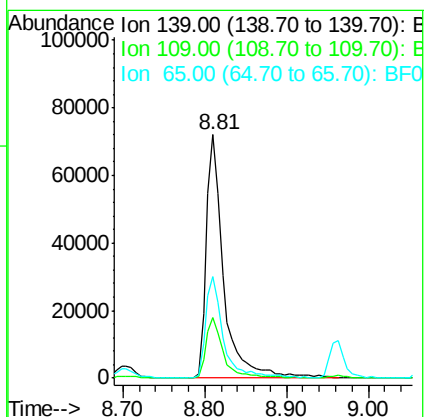
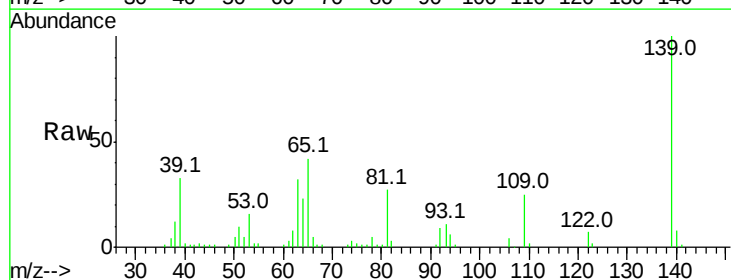
Tgt Ion: 139 Resp: 106298

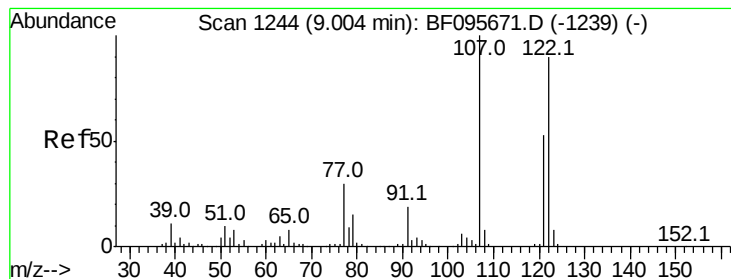
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 41.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.99 ng

RT: 8.96 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

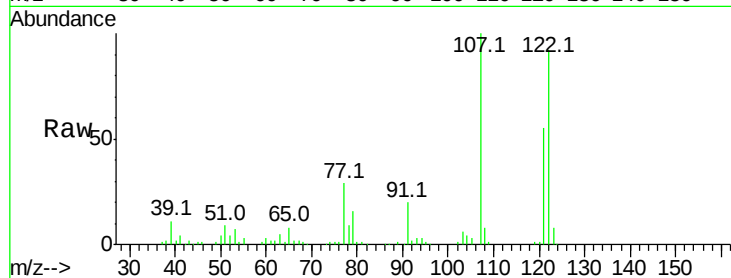
Tot Ion:122 Resp: 166424

Ion Ratio Lower Upper

122 100

107 108.6 89.2 133.8

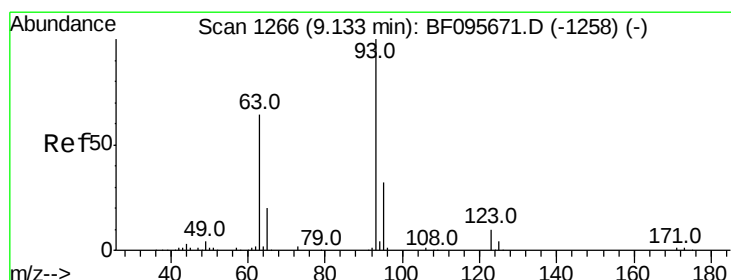
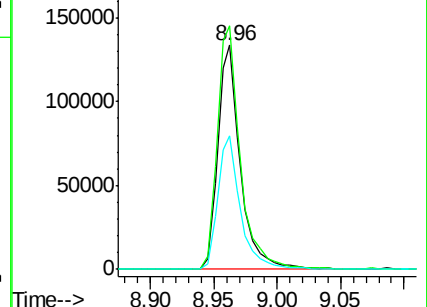
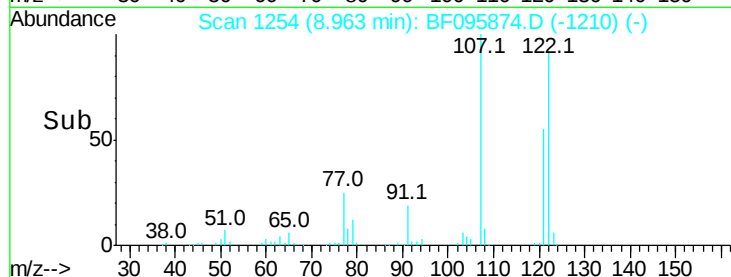
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.50 ng

RT: 9.08 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

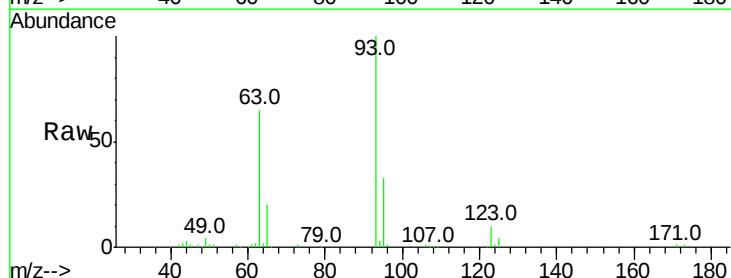
Tgt Ion: 93 Resp: 217648

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

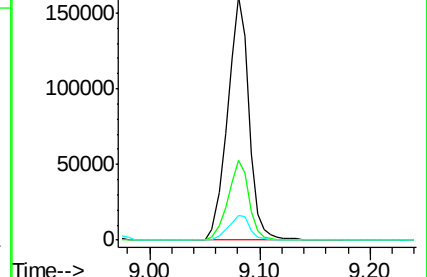
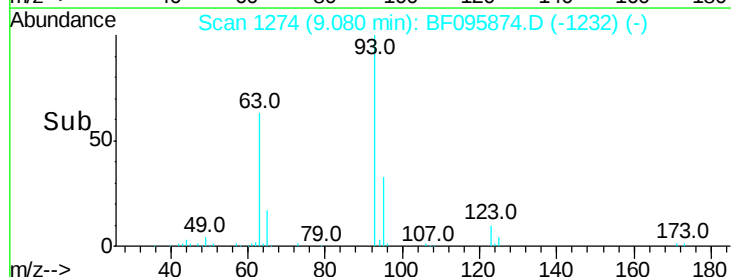
123 10.4 9.0 13.4

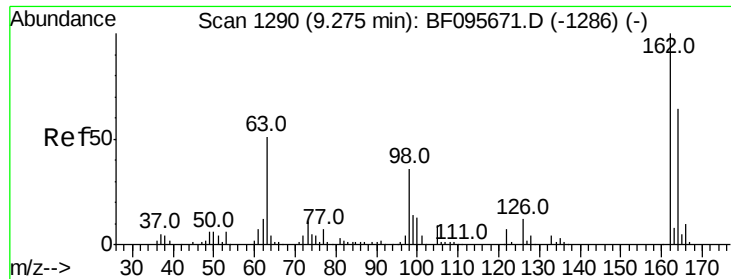


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

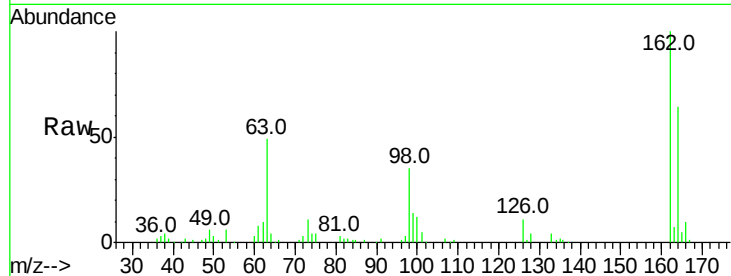




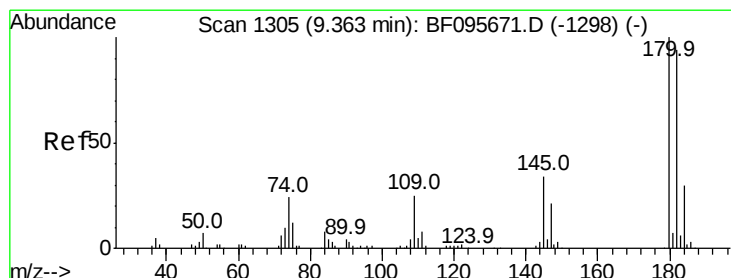
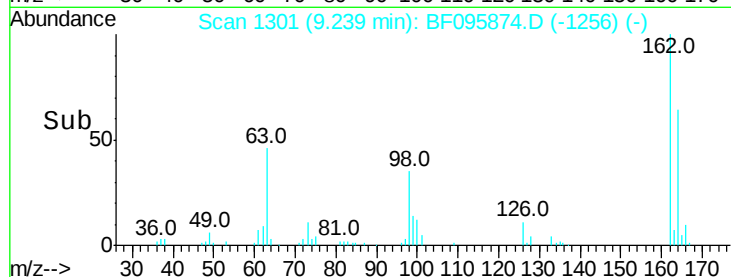
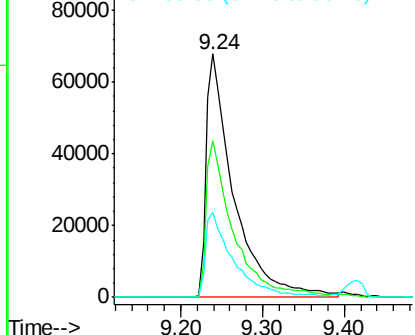
#29
 2,4-Dichlorophenol
 Concen: 44.42 ng
 RT: 9.24 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	35.1	14.8	54.8

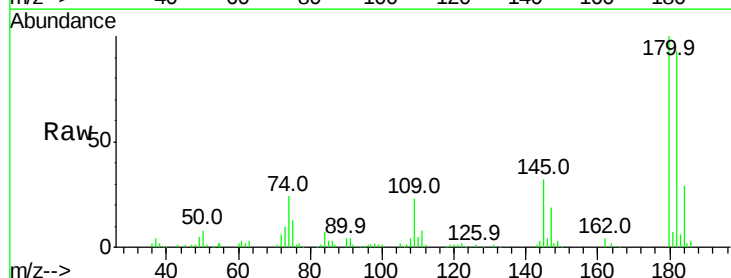


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

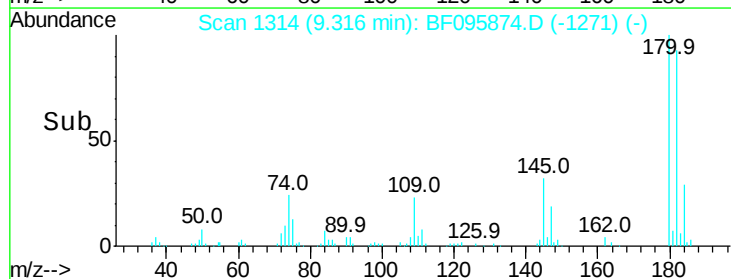
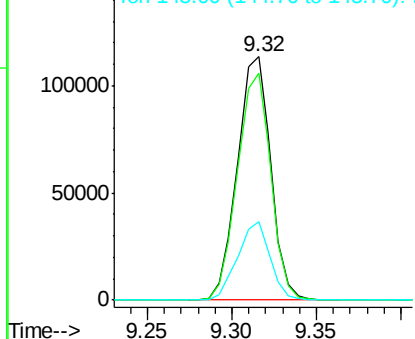


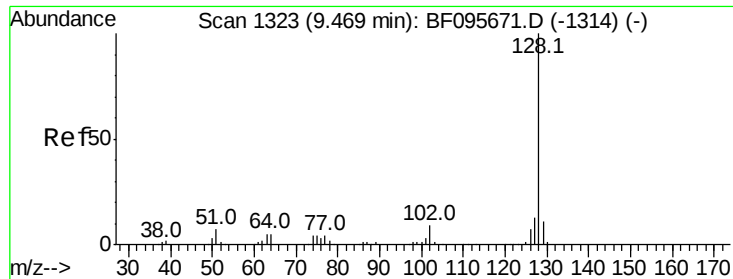
#30
 1,2,4-Trichlorobenzene
 Concen: 42.12 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	32.5	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

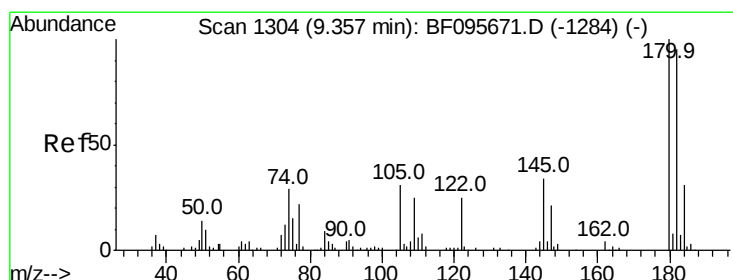
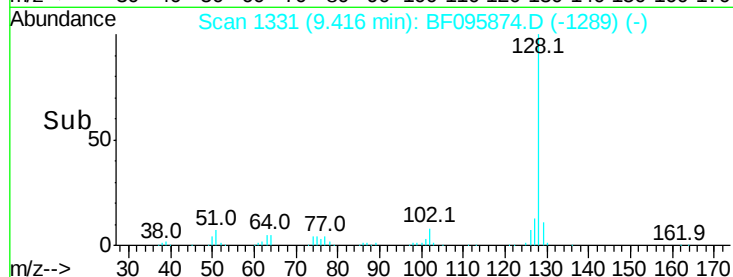
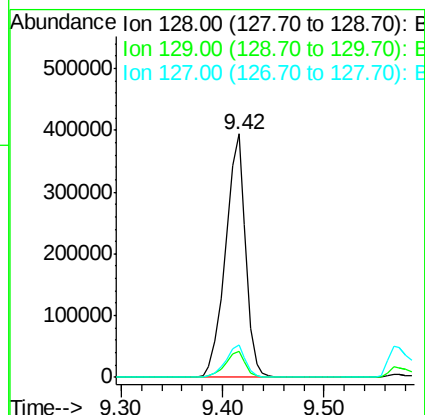
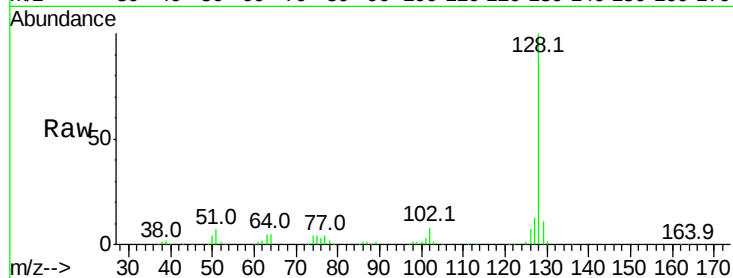




#31
Naphthalene
Concen: 40.59 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

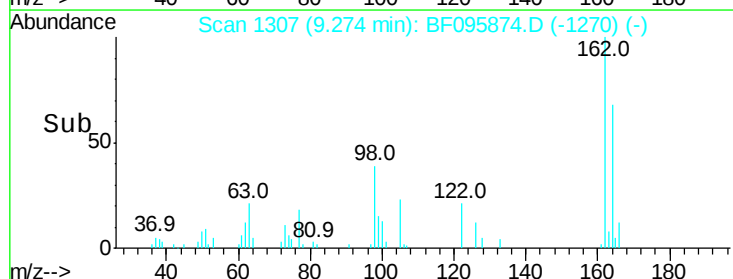
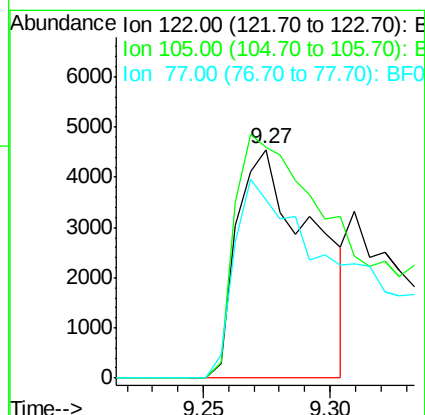
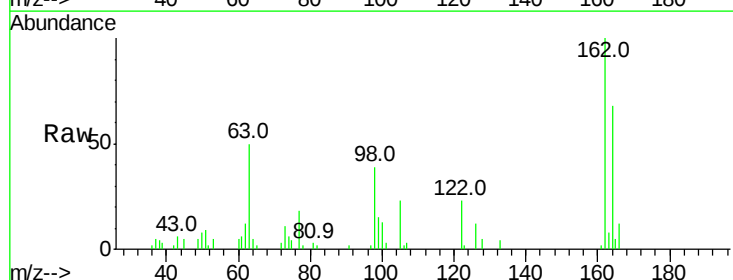
Instrument :
BNA_F
ClientSampled :

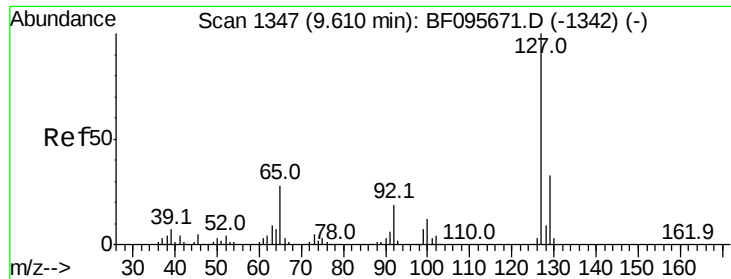
Tot Ion:128 Resp: 539052
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 8.79 ng
RT: 9.27 min Scan# 1307
Delta R.T. -0.08 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:122 Resp: 9499
Ion Ratio Lower Upper
122 100
105 101.1 103.3 143.3#
77 78.3 73.7 113.7

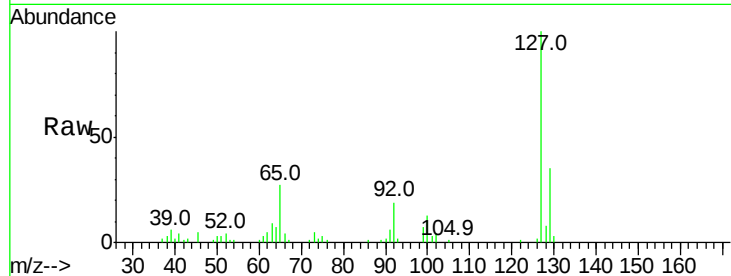




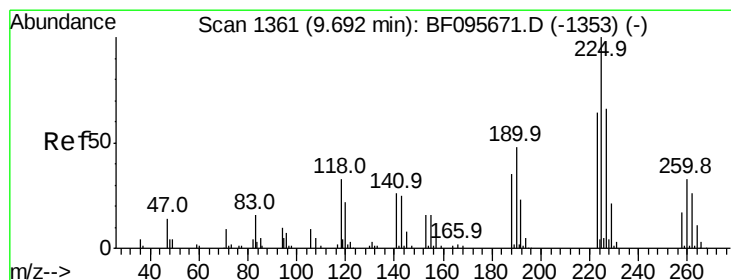
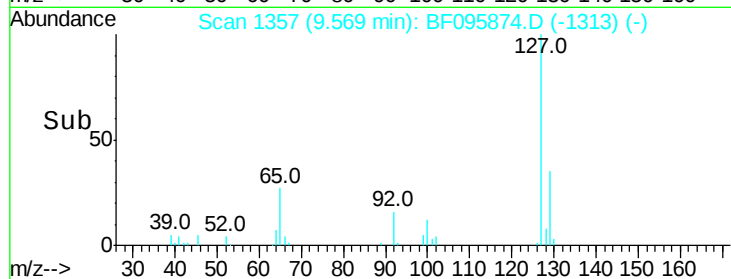
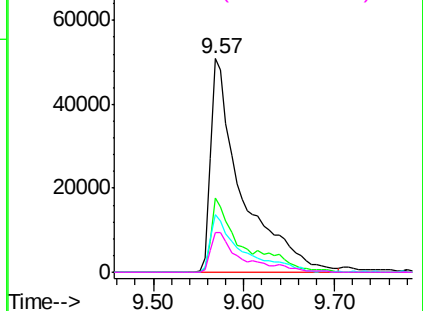
#33
4-Chloroaniline
Concen: 23.52 ng
RT: 9.57 min Scan# 1357
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	122076
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.2	39.2
65	26.8	27.8	41.8#
92	18.5	16.8	25.2

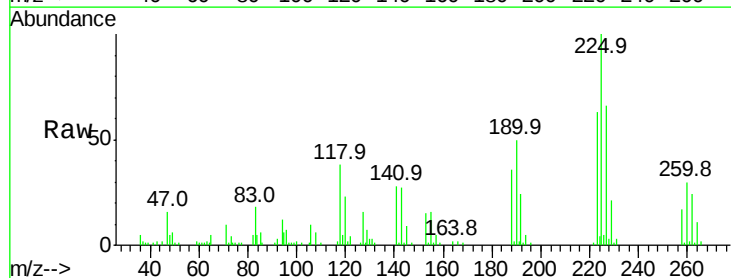


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

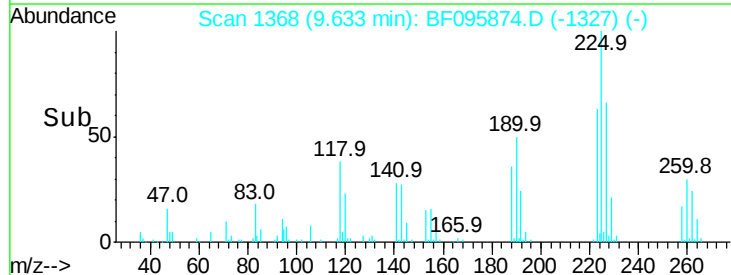
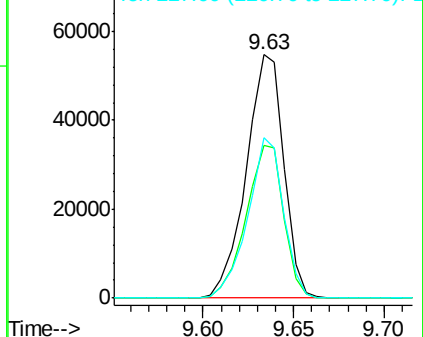


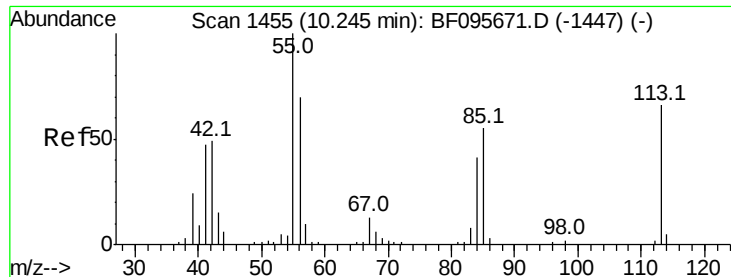
#34
Hexachlorobutadiene
Concen: 41.15 ng
RT: 9.63 min Scan# 1368
Delta R.T. -0.06 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:	225	Resp:	78819
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	66.1	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: 22.61 ng

RT: 10.20 min Scan# 1465

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

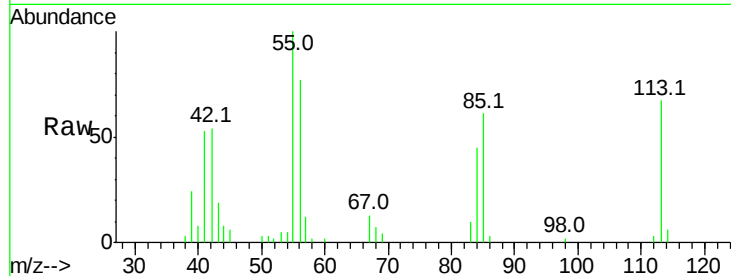
Tot Ion:113 Resp: 23972

Ion Ratio Lower Upper

113 100

55 150.0 150.2 190.2#

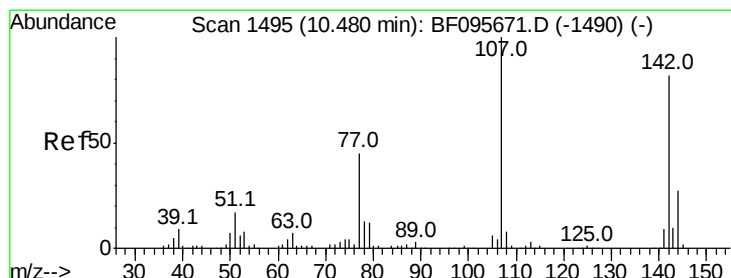
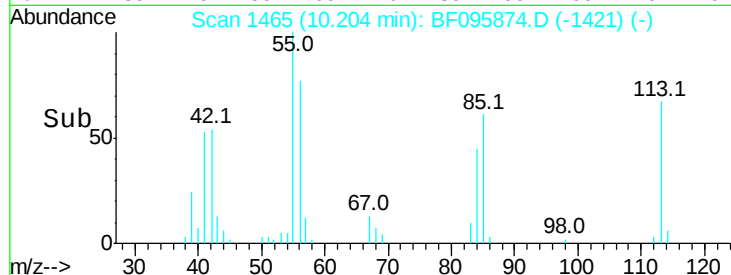
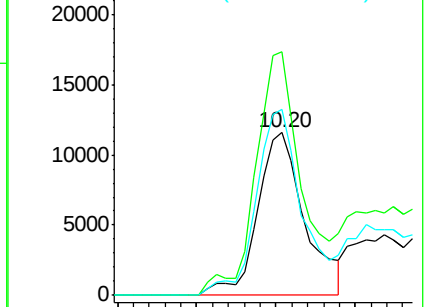
56 114.9 107.8 147.8



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: 44.99 ng

RT: 10.44 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

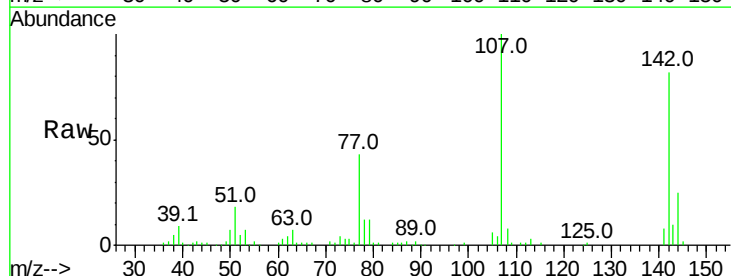
Tgt Ion:107 Resp: 167780

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

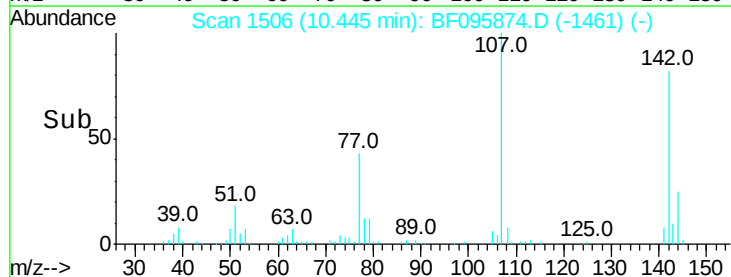
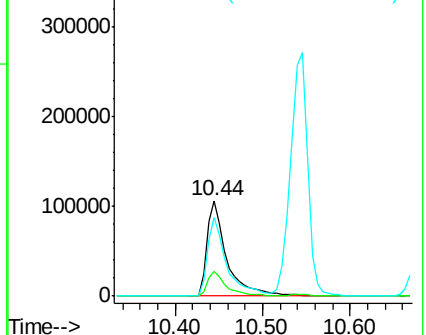
142 82.4 73.4 110.0

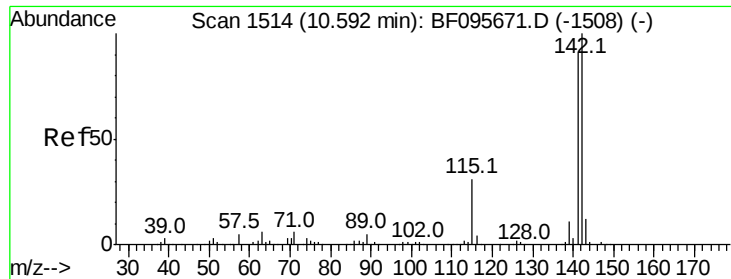


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

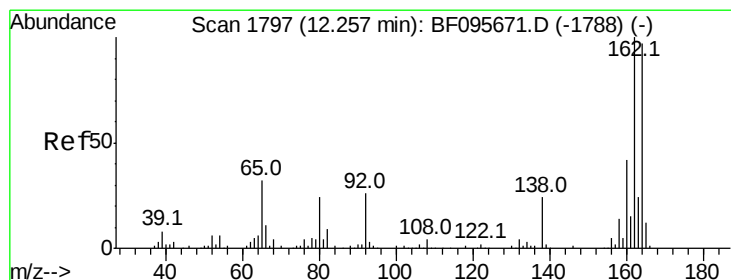
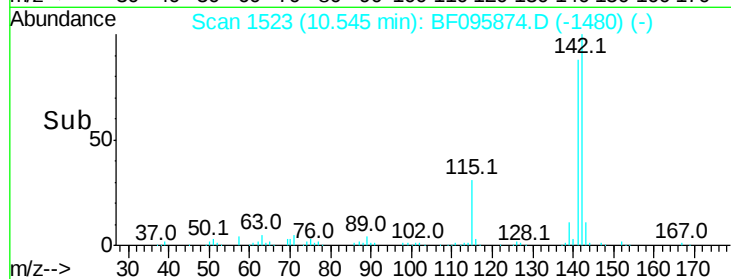
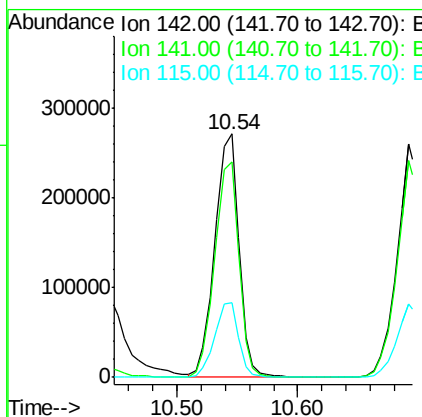
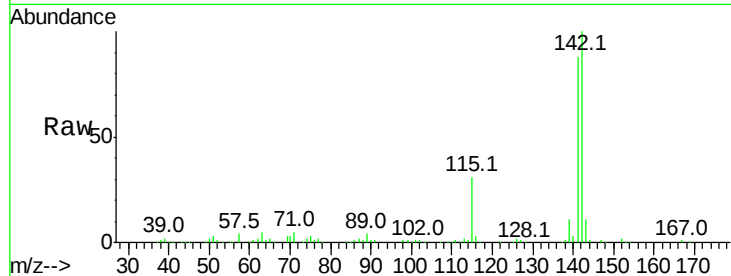




#37
2-Methylnaphthalene
Concen: 41.85 ng
RT: 10.54 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

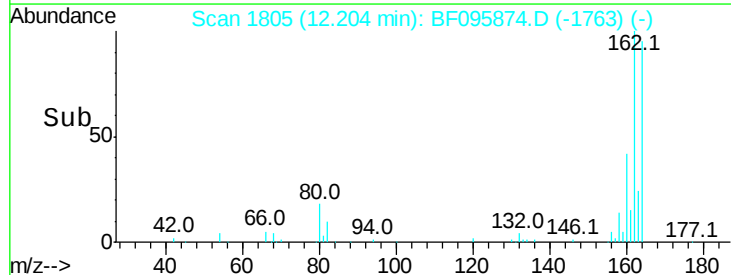
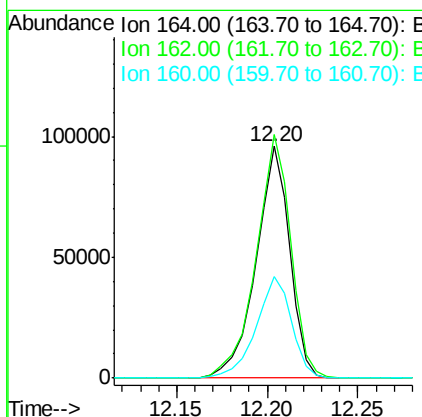
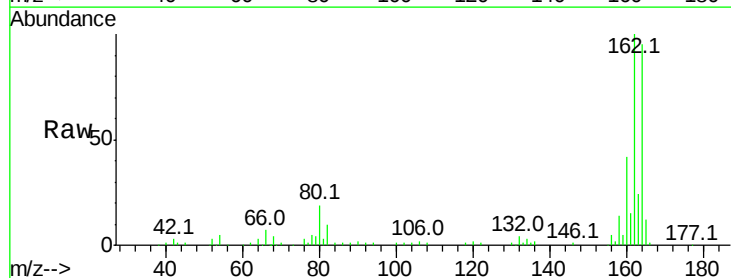
Instrument :
BNA_F
ClientSampleId :

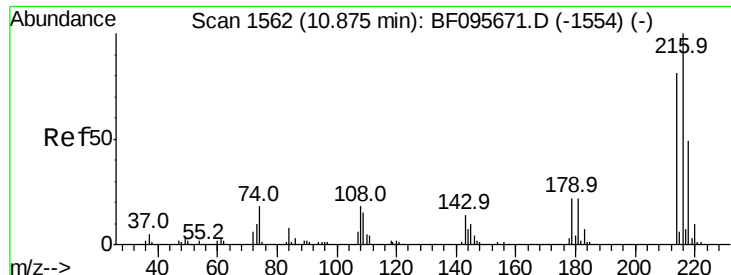
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	30.5	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	43.8	36.2	54.2

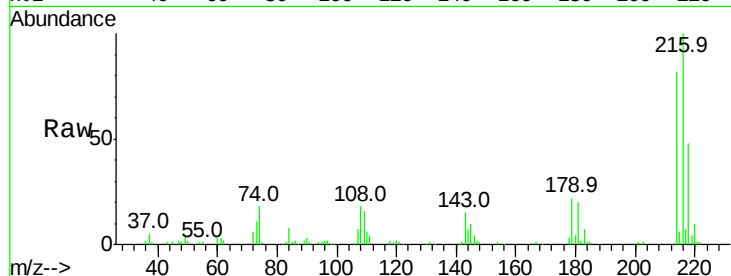




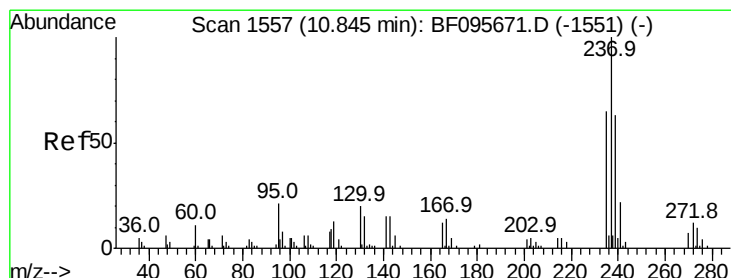
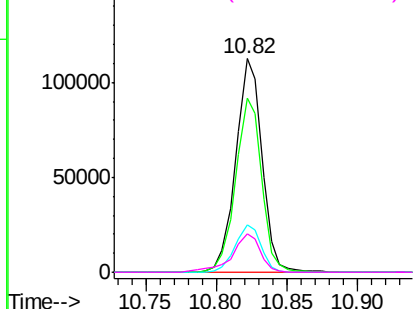
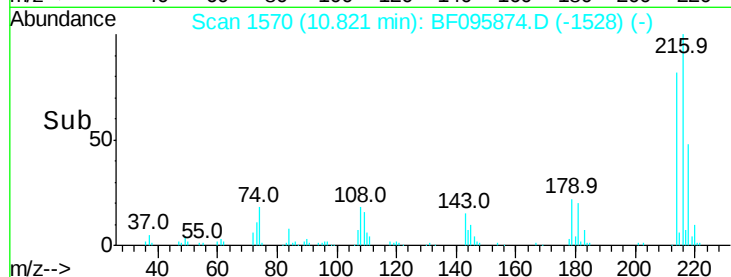
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.42 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	145771
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.2
179	22.0	17.9	26.9
108	19.7	16.5	24.7

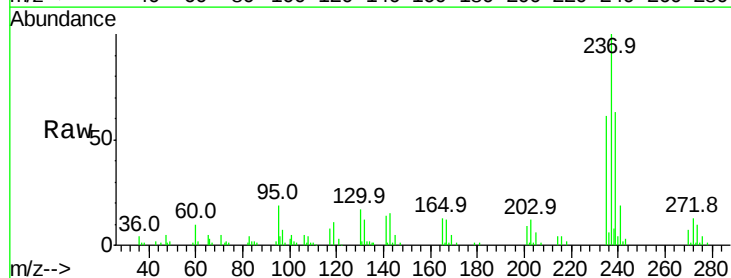


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

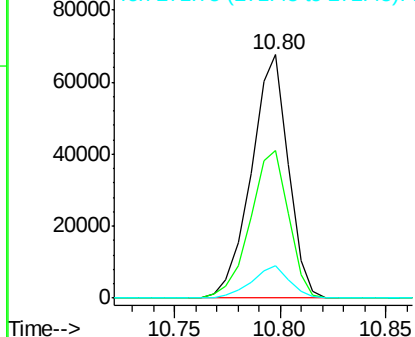
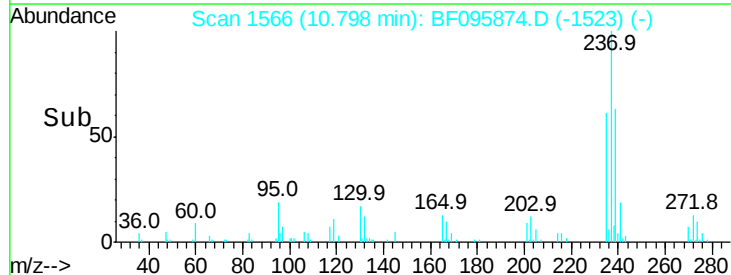


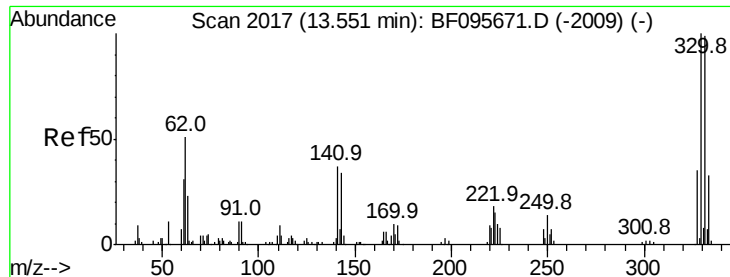
#40
 Hexachlorocyclopentadiene
 Concen: 72.39 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:	237	Resp:	82478
Ion	Ratio	Lower	Upper
237	100		
235	60.9	42.6	82.6
272	13.1	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: 121.83 ng

RT: 13.50 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampled :

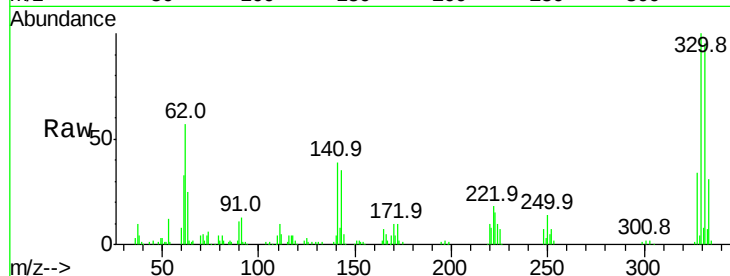
Tot Ion:330 Resp: 133194

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

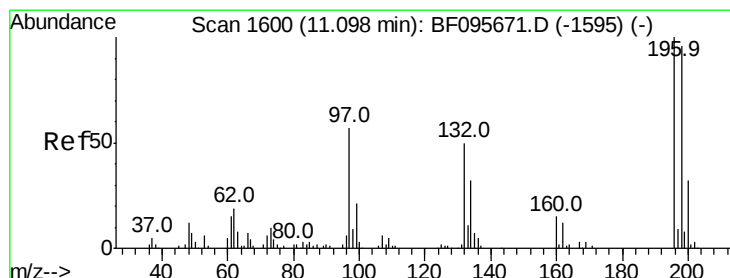
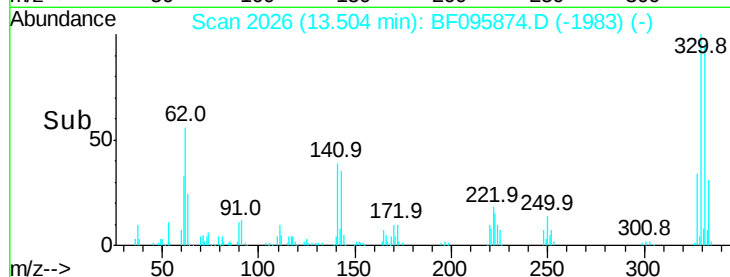
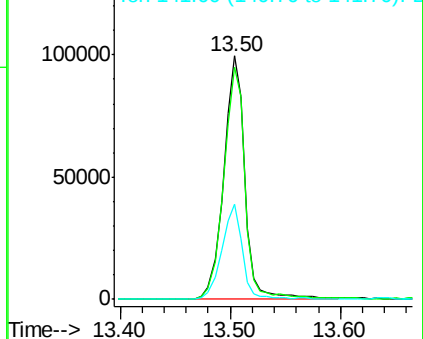
141 38.4 31.4 47.2



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: 42.68 ng

RT: 11.06 min Scan# 1610

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

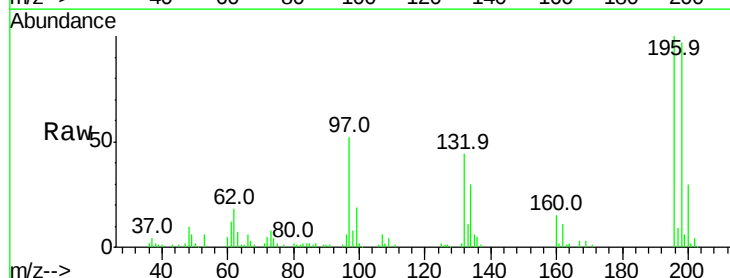
Tgt Ion:196 Resp: 101476

Ion Ratio Lower Upper

196 100

198 96.8 74.2 111.4

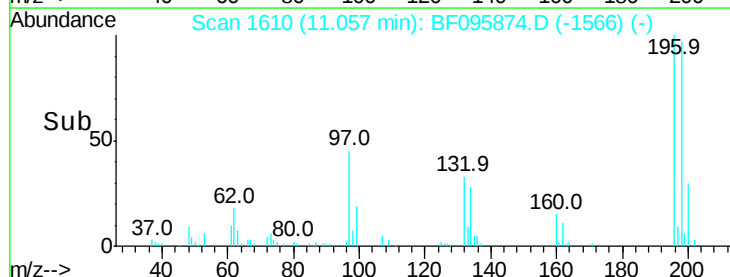
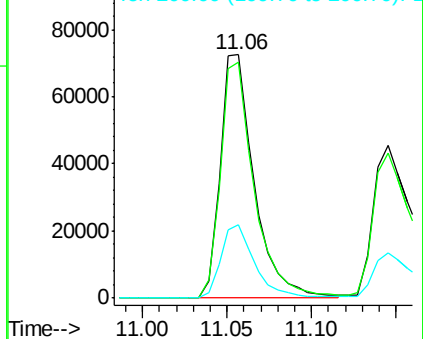
200 30.0 24.0 36.0

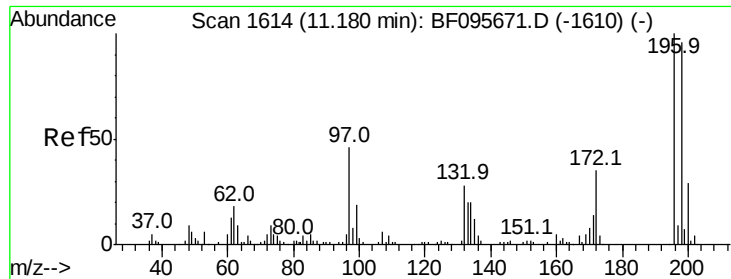


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

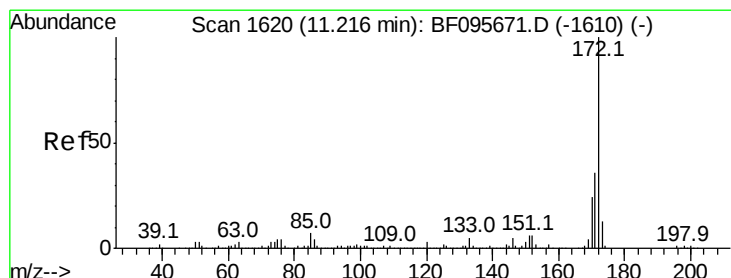
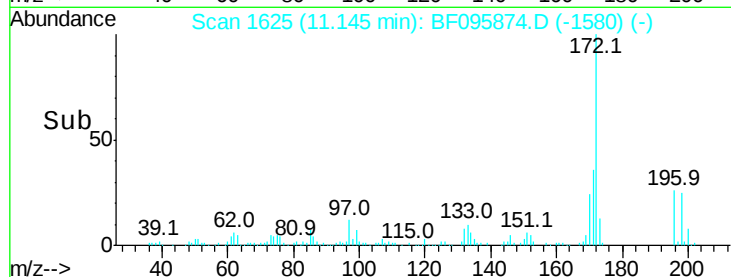
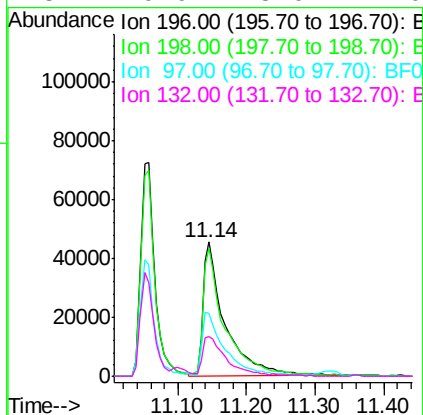
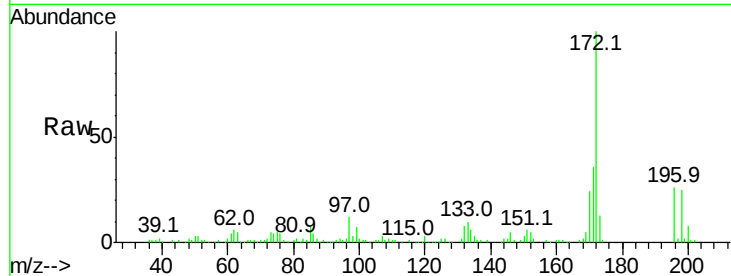




#43
 2,4,5-Trichlorophenol
 Concen: 40.26 ng
 RT: 11.14 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

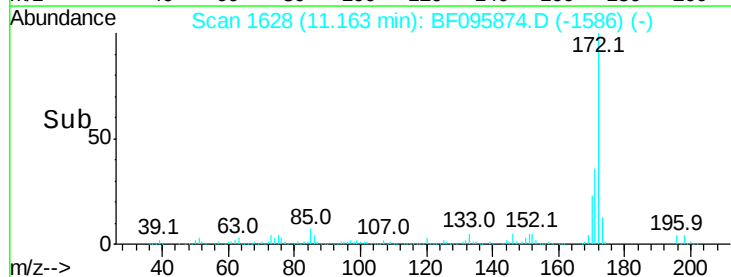
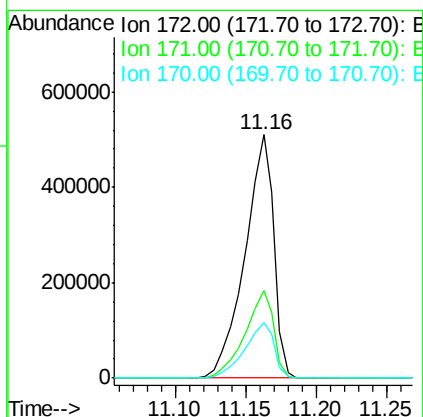
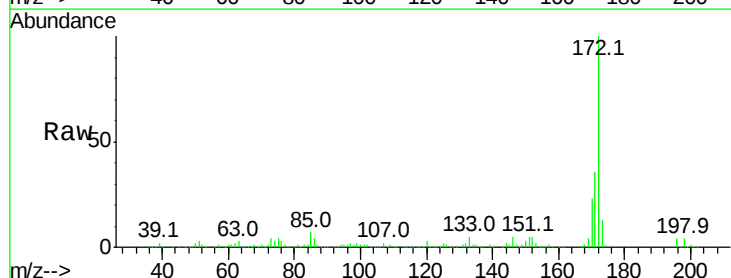
Instrument :
 BNA_F
 ClientSampleId :

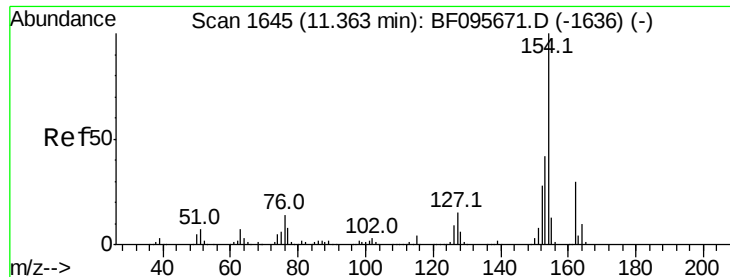
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	46.9	47.7	71.5#
132	29.9	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 82.28 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.9	19.8	29.8

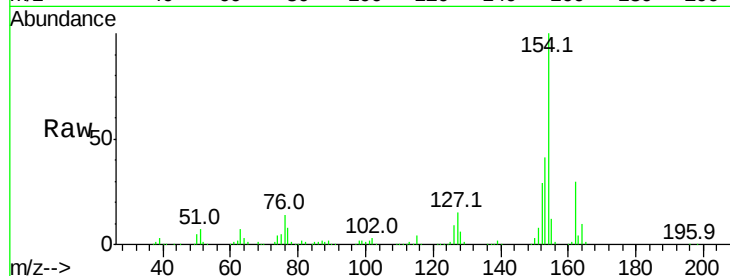




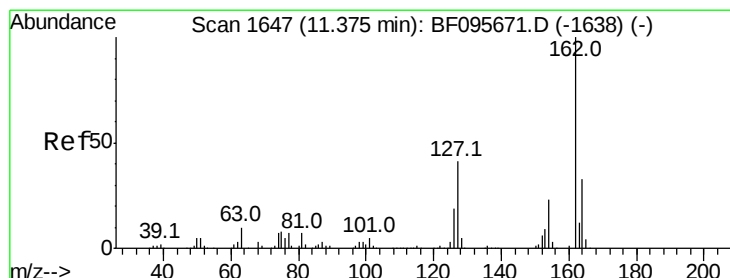
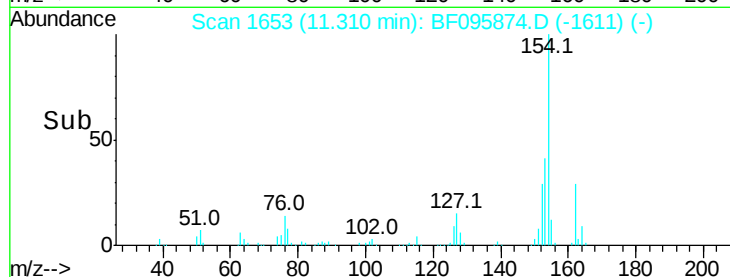
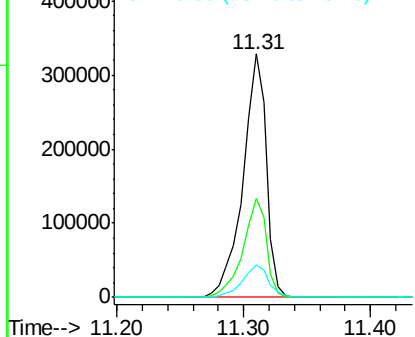
#45
 1,1'-Biphenyl
 Concen: 41.22 ng
 RT: 11.31 min Scan# 1653
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	13.6	0.0	29.9

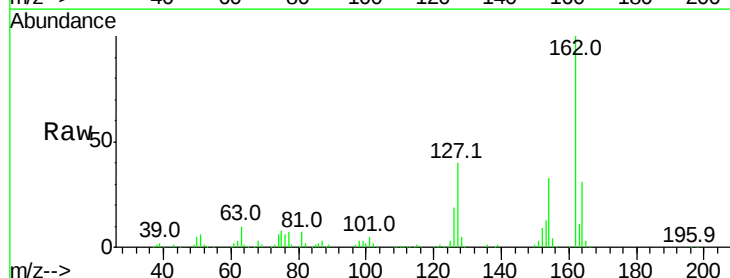


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

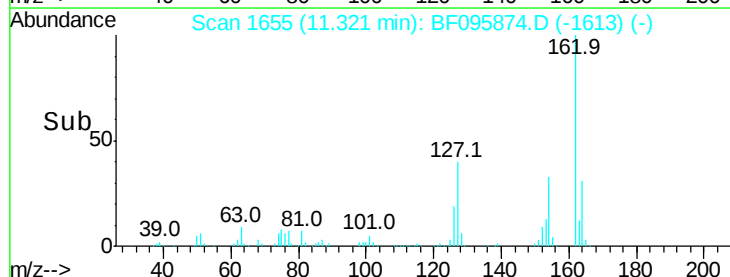
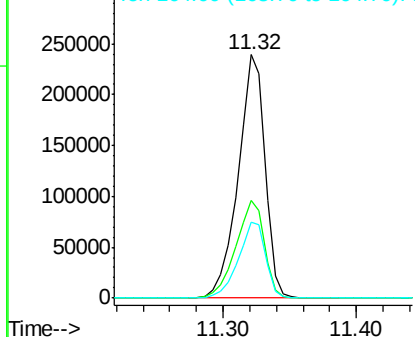


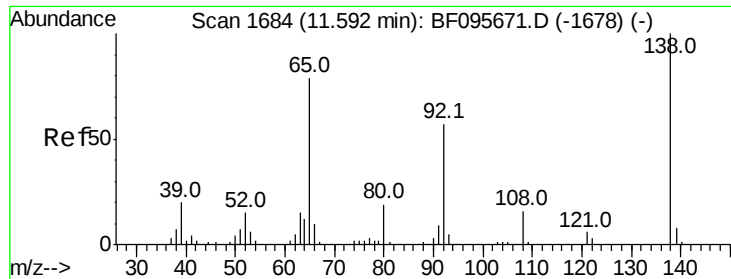
#46
 2-Chloronaphthalene
 Concen: 41.61 ng
 RT: 11.32 min Scan# 1655
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	31.4	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

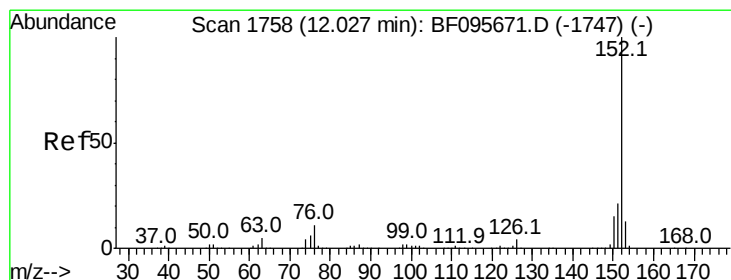
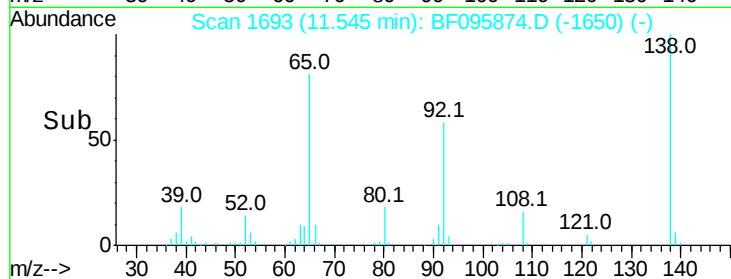
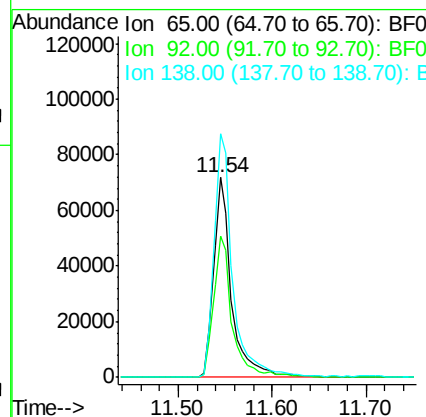
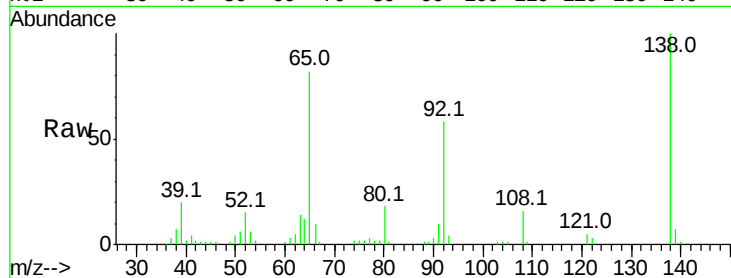




#47
 2-Nitroaniline
 Concen: 41.90 ng
 RT: 11.54 min Scan# 1693
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

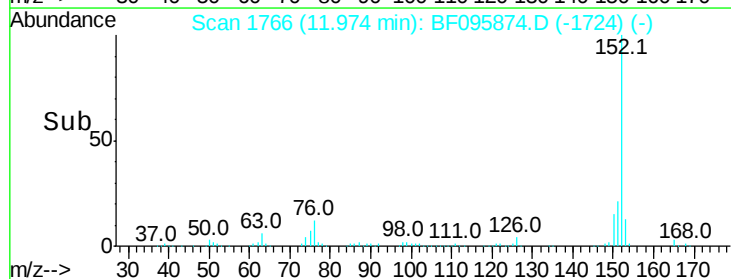
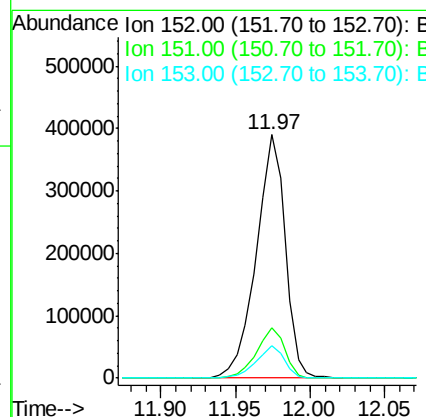
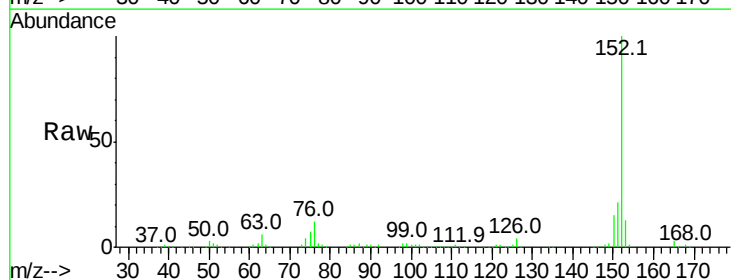
Instrument :
 BNA_F
 ClientSampled :

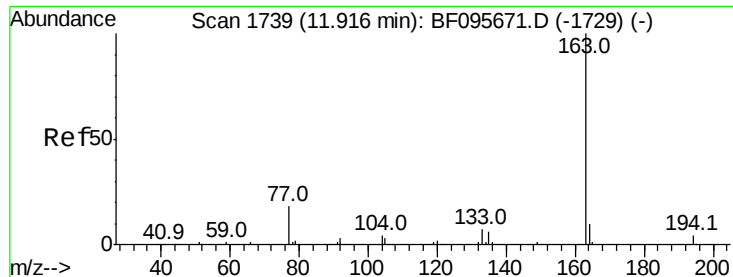
Tot Ion: 65 Resp: 97564
 Ion Ratio Lower Upper
 65 100
 92 70.8 53.9 80.9
 138 121.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.39 ng
 RT: 11.97 min Scan# 1766
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion: 152 Resp: 522324
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.1 10.8 16.2

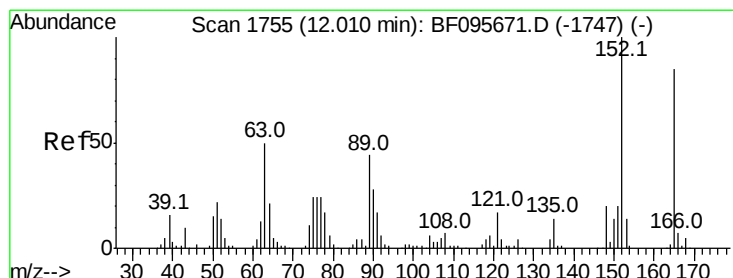
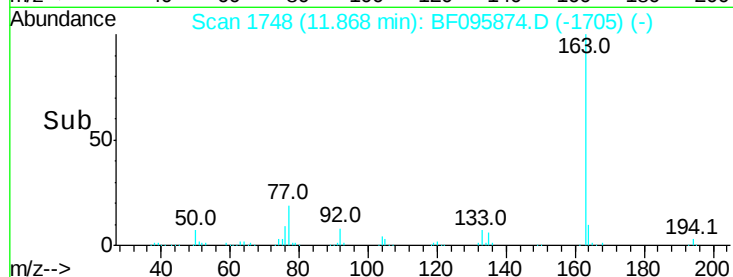
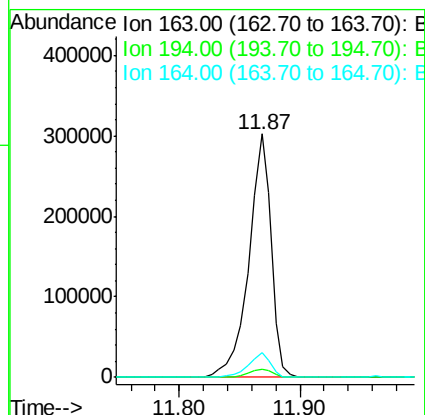
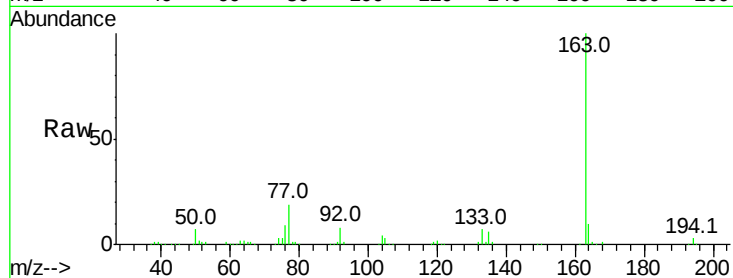




#49
Dimethylphthalate
Concen: 41.48 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

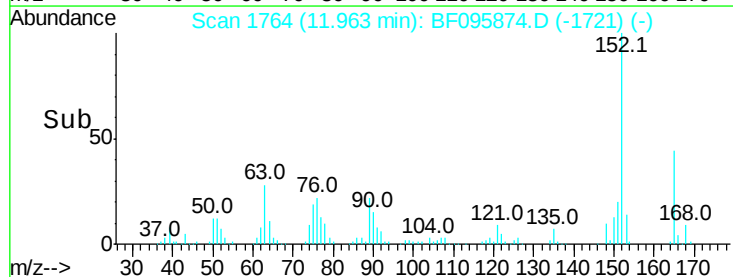
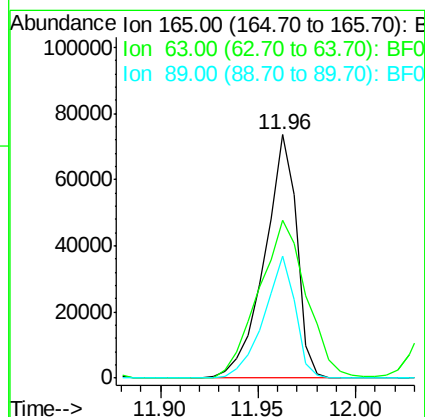
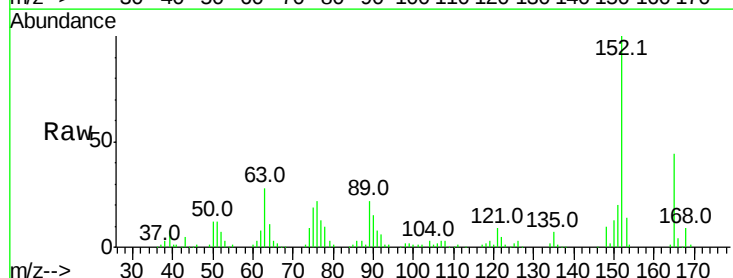
Instrument :
BNA_F
ClientSampleId :

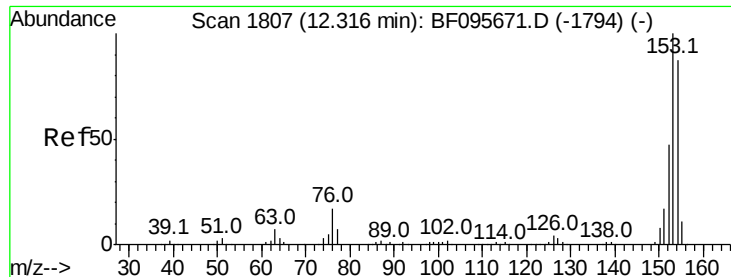
Tot Ion:163 Resp: 389115
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.13 ng
RT: 11.96 min Scan# 1764
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:165 Resp: 84173
Ion Ratio Lower Upper
165 100
63 64.8 34.3 51.5#
89 50.0 37.1 55.7





#51

Acenaphthene

Concen: 38.99 ng

RT: 12.26 min Scan# 1814

Delta R.T. -0.06 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

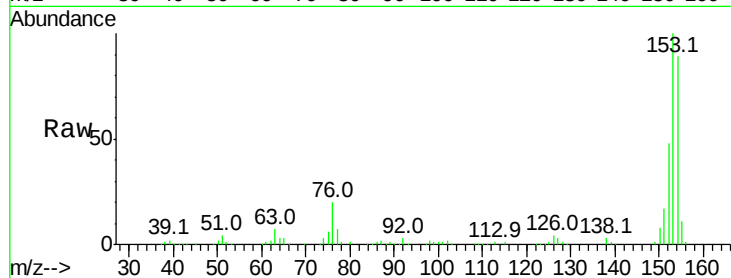
Tot Ion:154 Resp: 306408

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

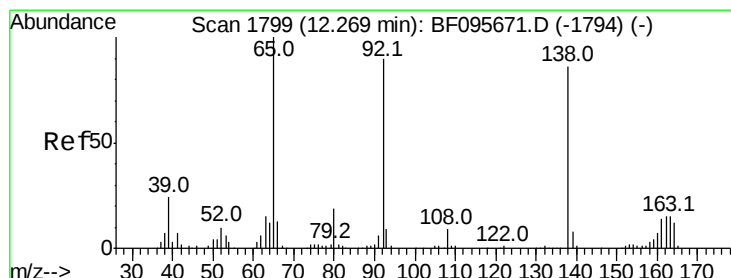
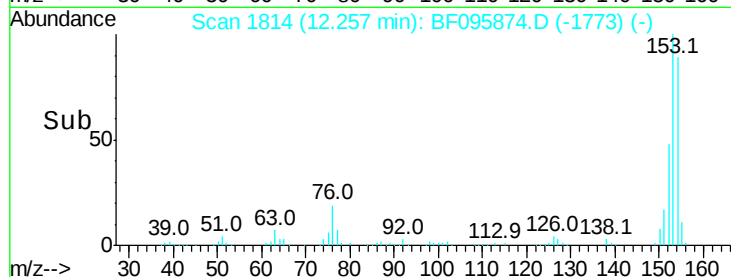
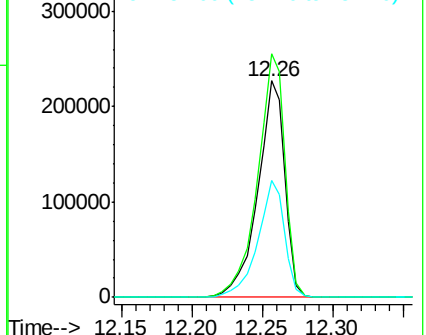
152 54.2 43.6 65.4



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: 27.70 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

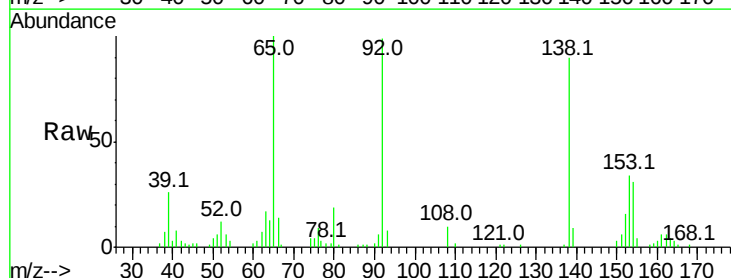
Tgt Ion:138 Resp: 66050

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

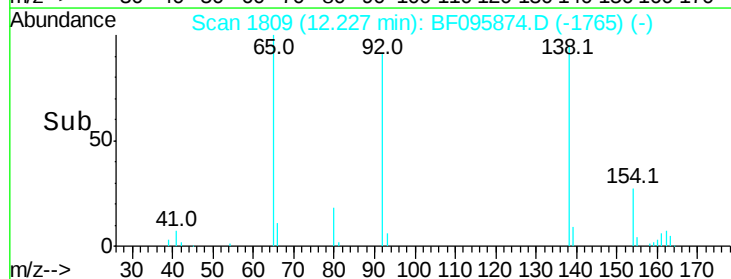
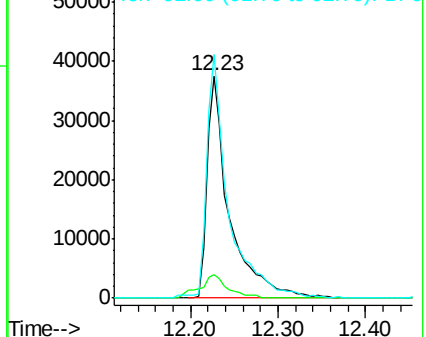
92 109.5 93.8 140.6

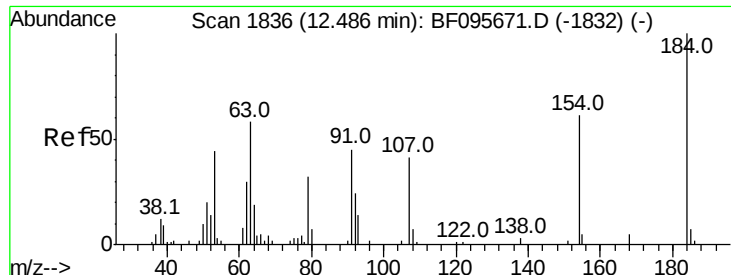


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

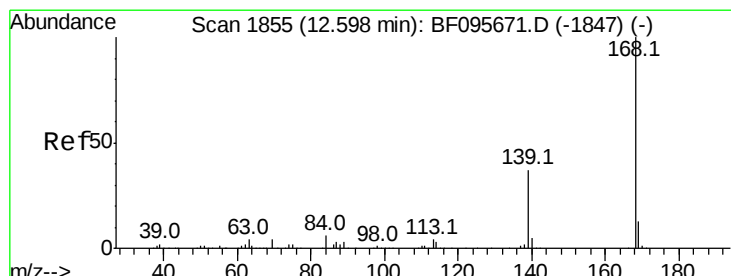
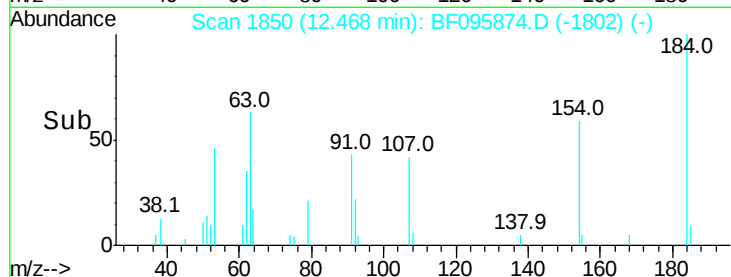
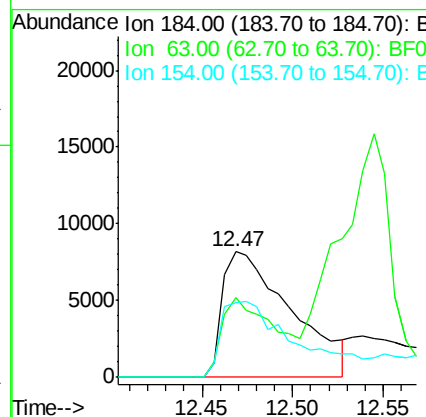
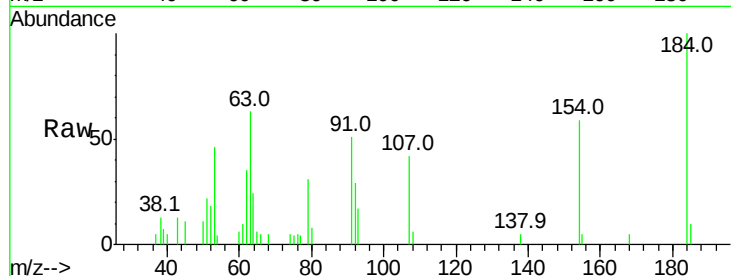




#53
 2,4-Dinitrophenol
 Concen: 23.66 ng
 RT: 12.47 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

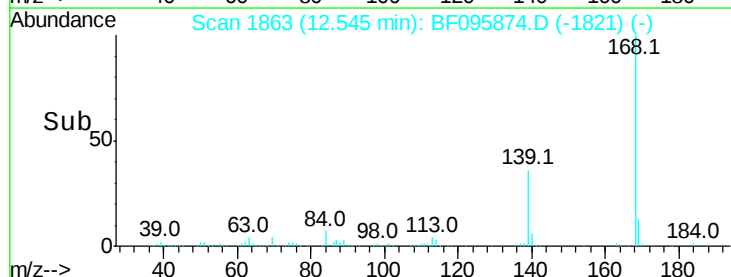
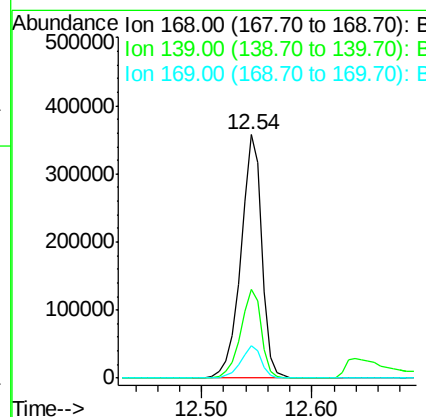
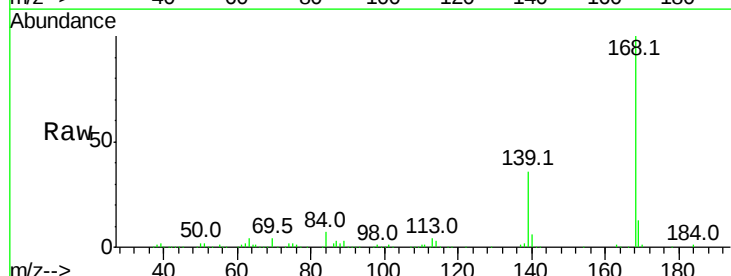
Instrument :
 BNA_F
 ClientSampled :

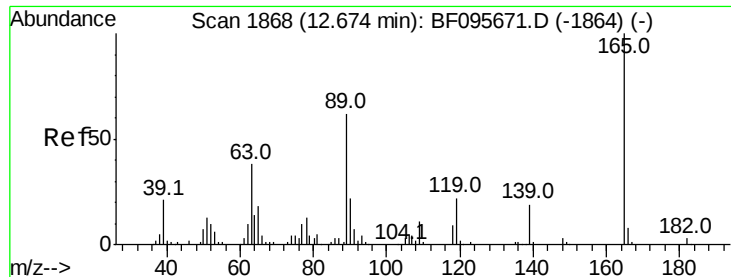
Tot Ion:184 Resp: 21670
 Ion Ratio Lower Upper
 184 100
 63 63.2 62.7 94.1
 154 59.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.90 ng
 RT: 12.54 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:168 Resp: 474457
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.2 10.8 16.2

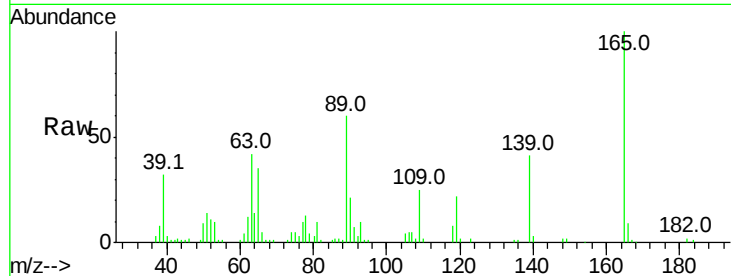




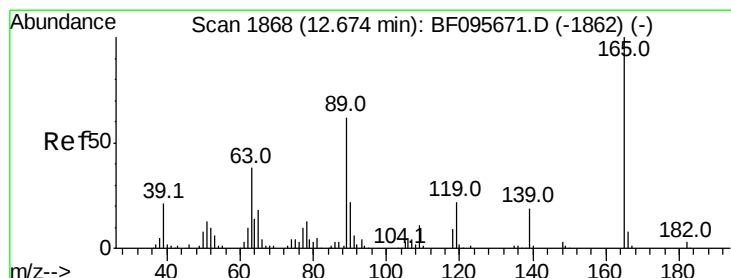
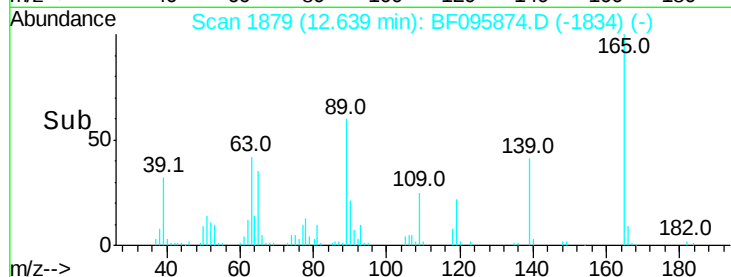
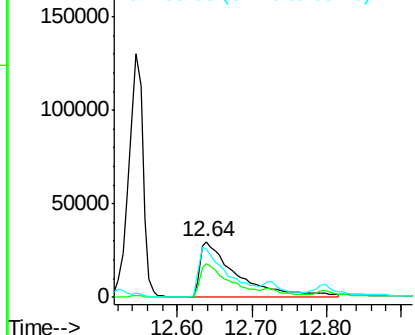
#55
4-Nitrophenol
Concen: 74.02 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 102530
Ion Ratio Lower Upper
139 100
109 60.7 34.1 74.1
65 85.2 31.4 71.4#

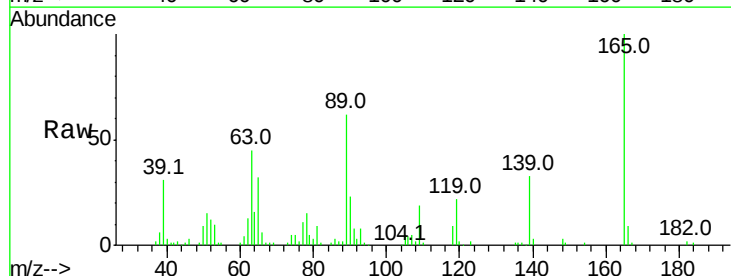


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

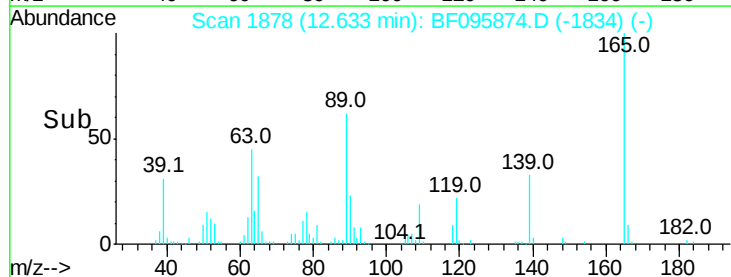
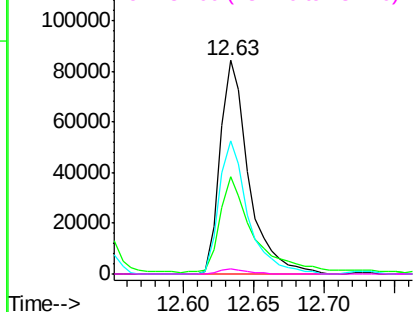


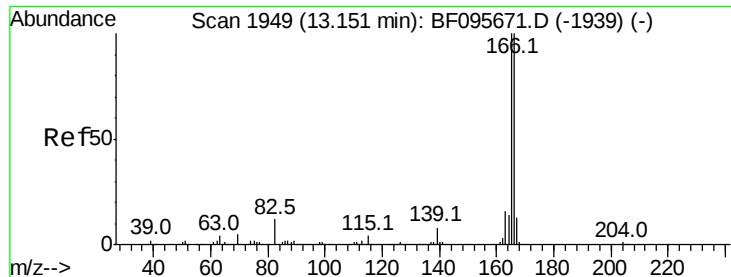
#56
2,4-Dinitrotoluene
Concen: 43.13 ng
RT: 12.63 min Scan# 1878
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:165 Resp: 119202
Ion Ratio Lower Upper
165 100
63 45.4 25.4 38.0#
89 62.1 46.4 69.6
182 2.2 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.81 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

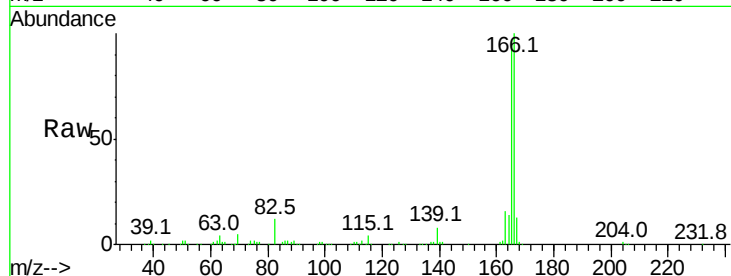
Tot Ion:166 Resp: 383142

Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

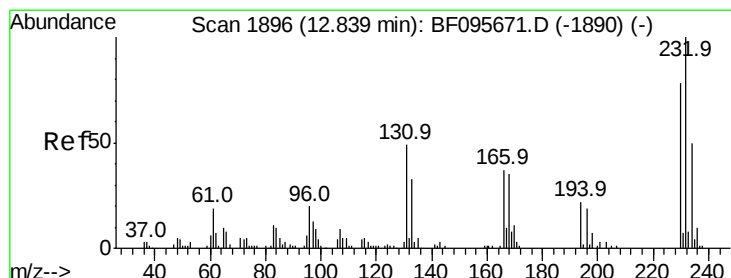
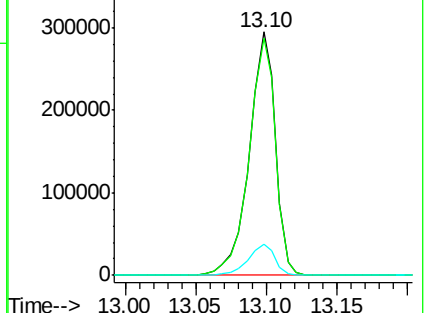
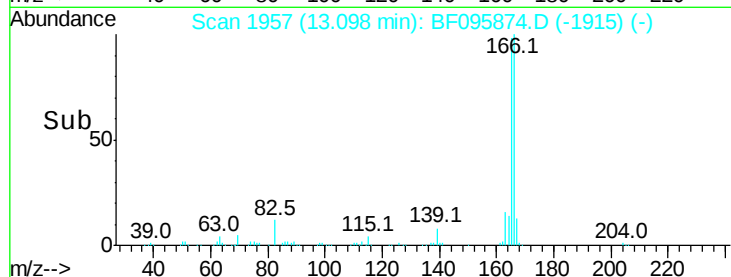
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.56 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Tgt Ion:232 Resp: 77112

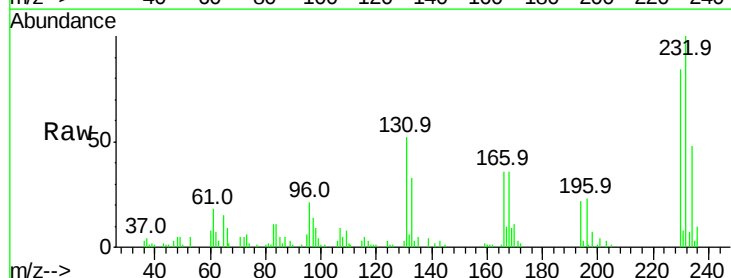
Ion Ratio Lower Upper

232 100

131 50.7 44.8 67.2

130 2.2 2.3 3.5#

166 32.6 29.0 43.4

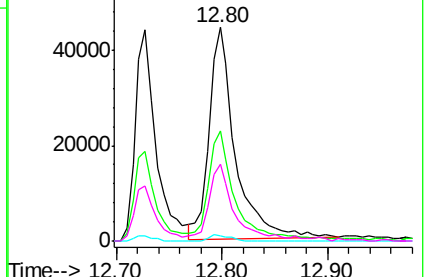
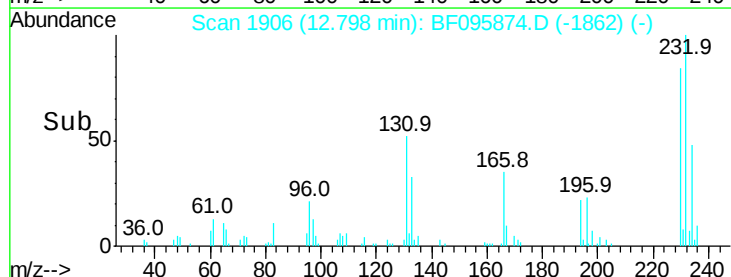


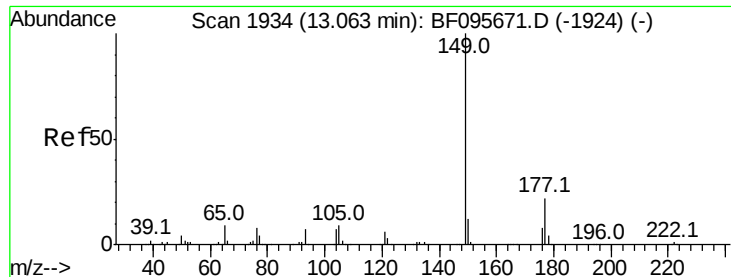
Abundance Ion 232.00 (231.70 to 232.70): E

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

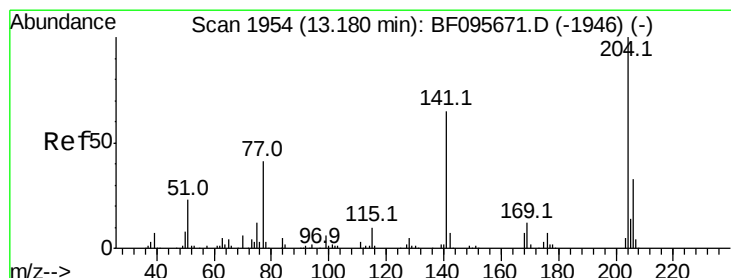
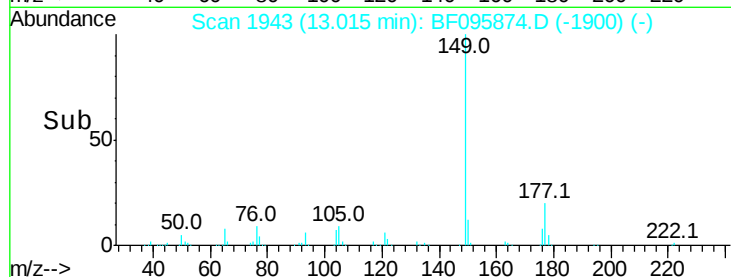
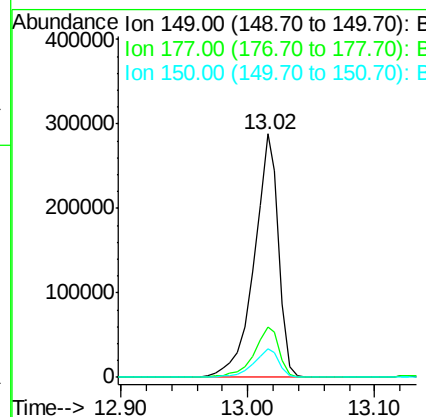
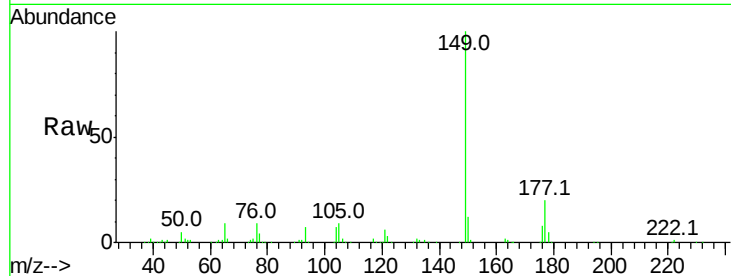




#59
Diethylphthalate
Concen: 42.65 ng
RT: 13.02 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

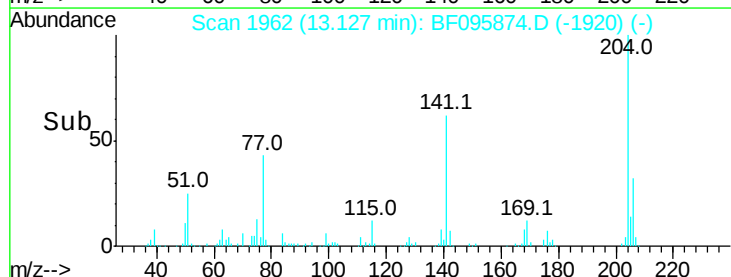
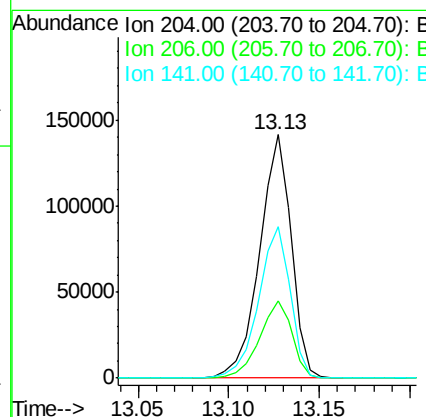
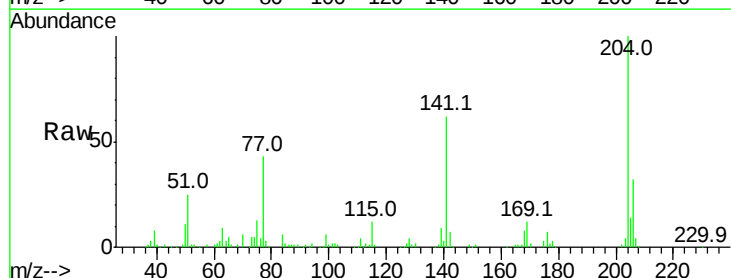
Instrument :
BNA_F
ClientSampleId :

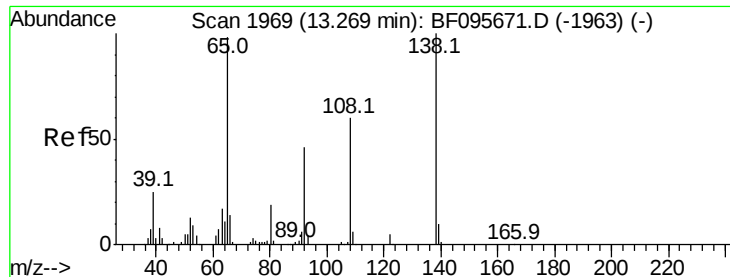
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	11.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.84 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	62.1	60.8	91.2

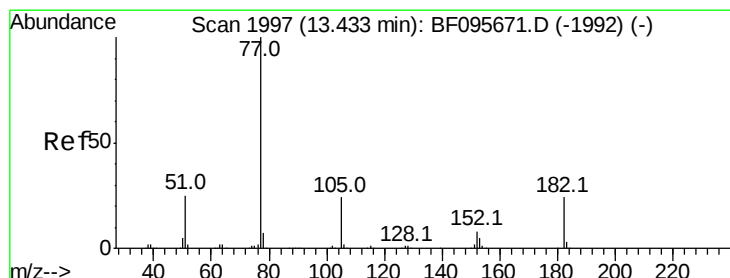
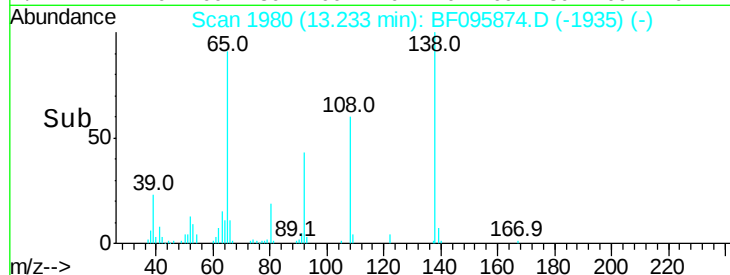
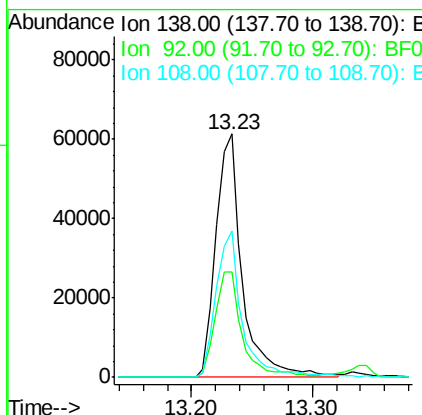
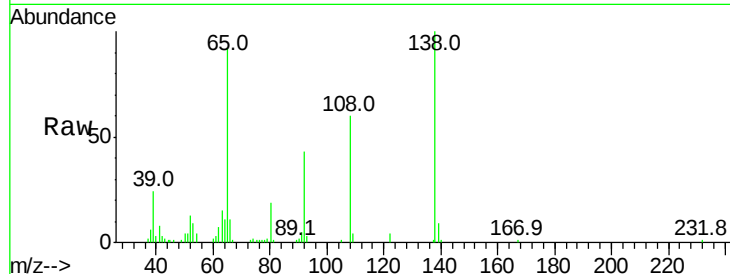




#61
 4-Nitroaniline
 Concen: 41.59 ng
 RT: 13.23 min Scan# 1980
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

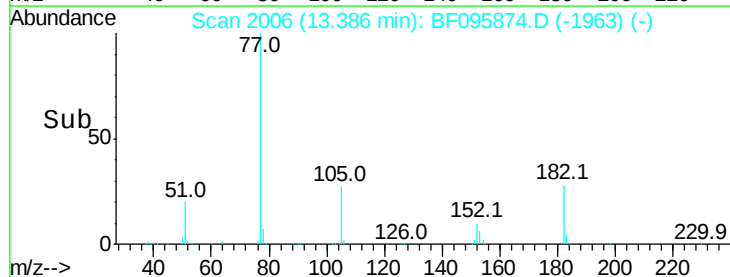
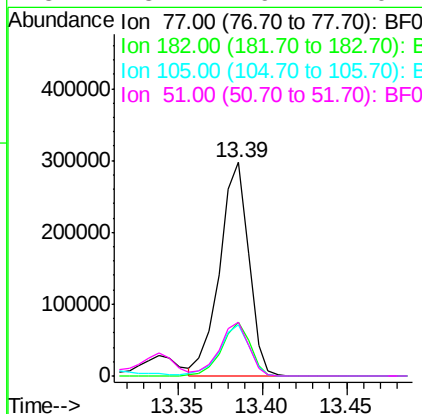
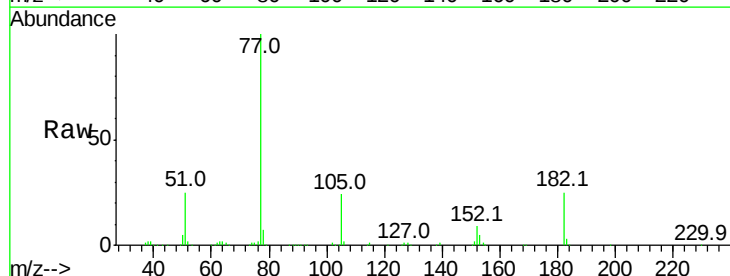
Instrument :
 BNA_F
 ClientSampleId :

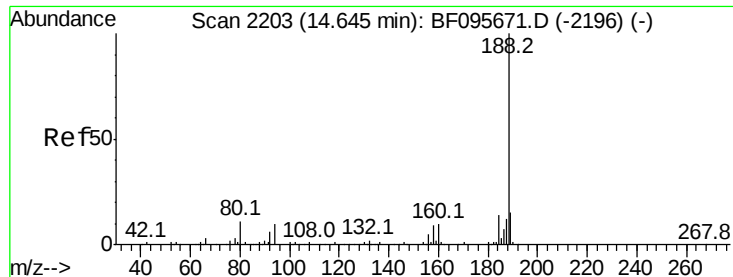
Tot Ion:138 Resp: 92584
 Ion Ratio Lower Upper
 138 100
 92 43.2 21.8 61.8
 108 60.1 42.3 82.3



#62
 Azobenzene
 Concen: 43.58 ng
 RT: 13.39 min Scan# 2006
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion: 77 Resp: 356607
 Ion Ratio Lower Upper
 77 100
 182 25.0 0.1 40.1
 105 23.7 3.6 43.6
 51 25.1 9.4 49.4

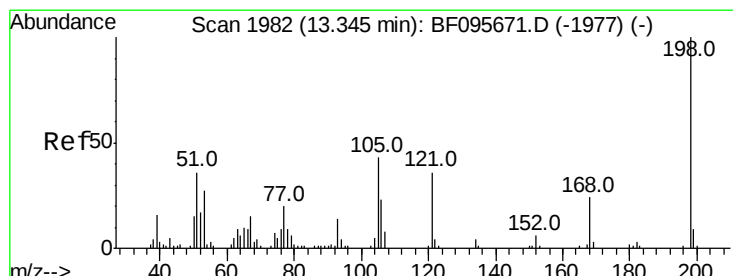
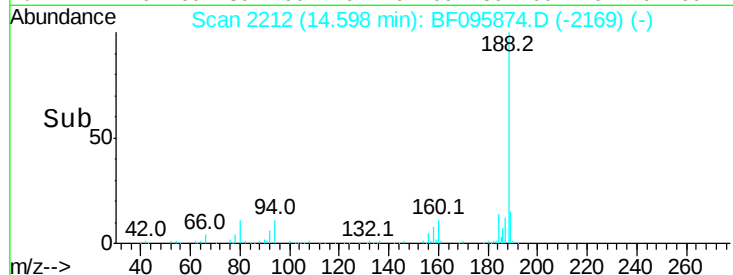
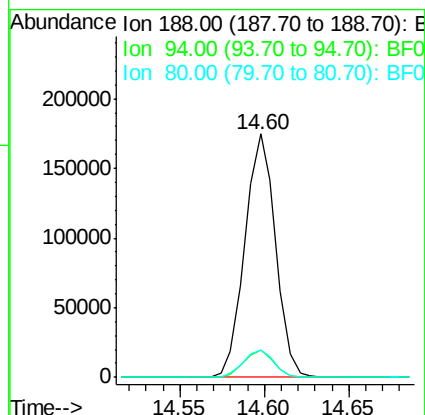
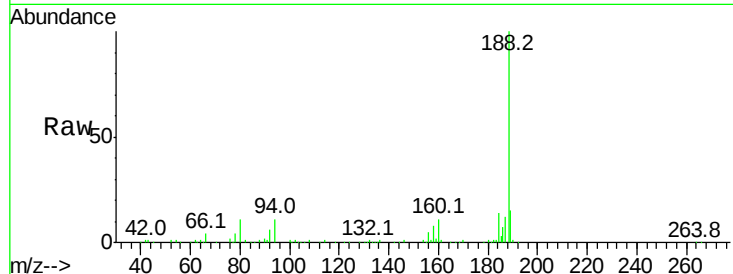




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

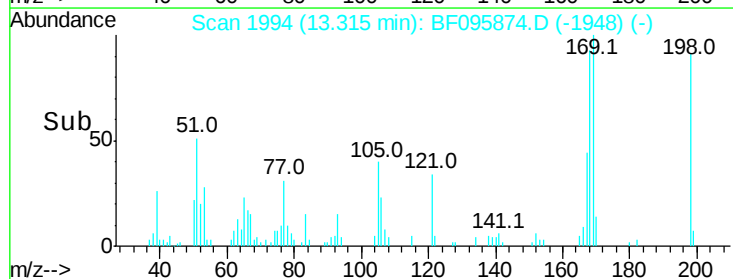
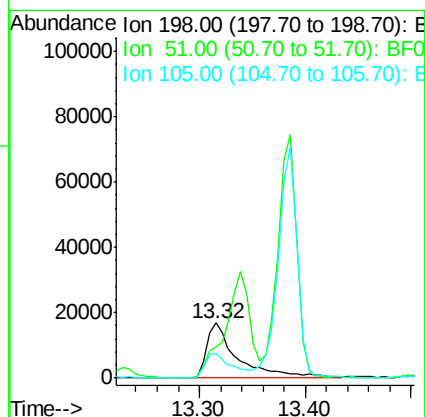
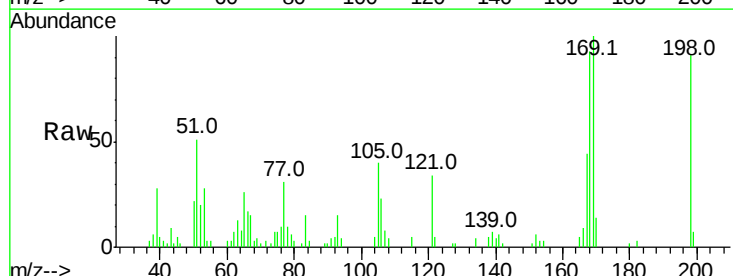
Instrument :
BNA_F
ClientSampleId :

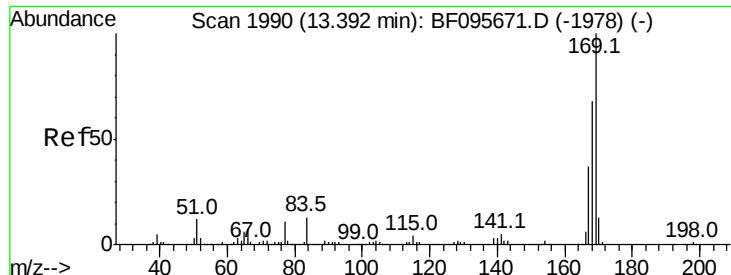
Tot Ion:188 Resp: 221335
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 23.68 ng
RT: 13.32 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:198 Resp: 34452
Ion Ratio Lower Upper
198 100
51 55.8 53.2 93.2
105 44.3 45.8 85.8#

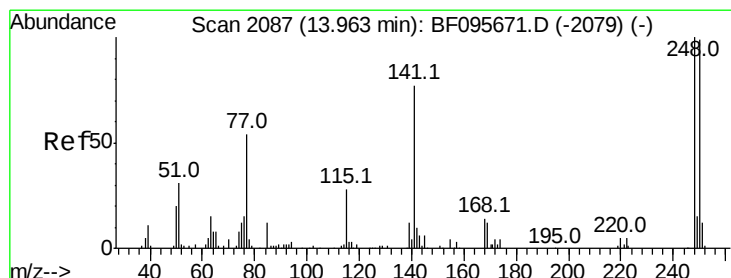
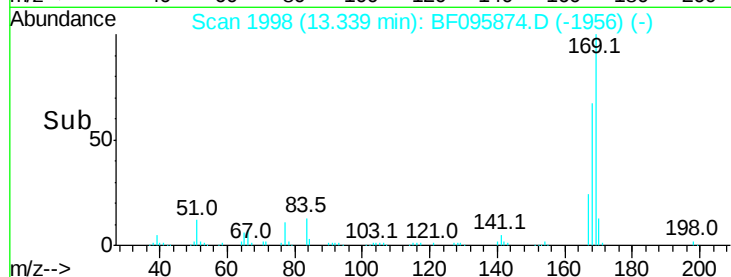
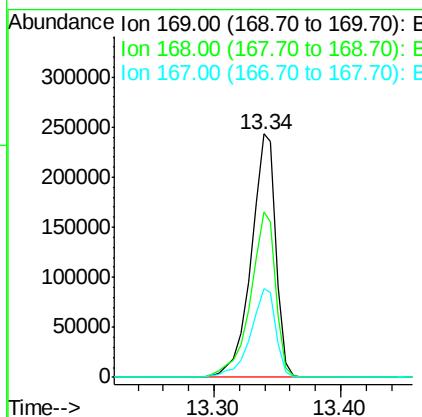
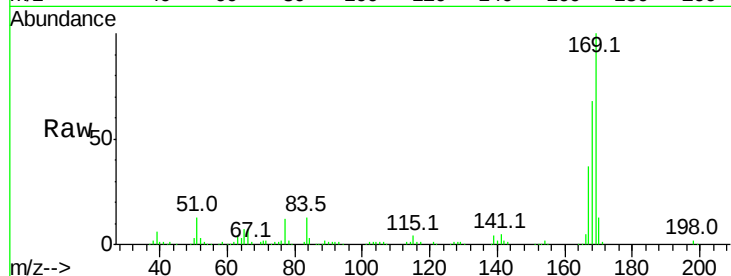




#65
n-Nitrosodiphenylamine
Concen: 41.60 ng
RT: 13.34 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

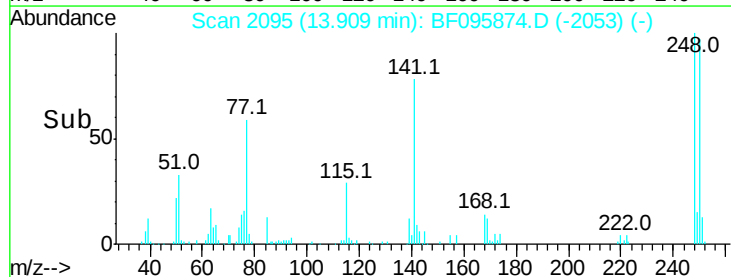
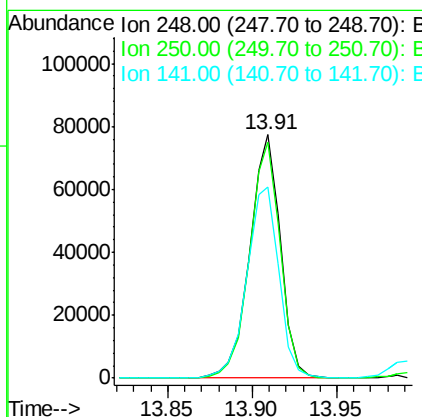
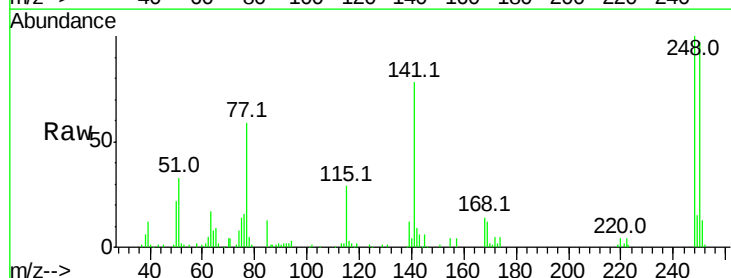
Instrument :
BNA_F
ClientSampleId :

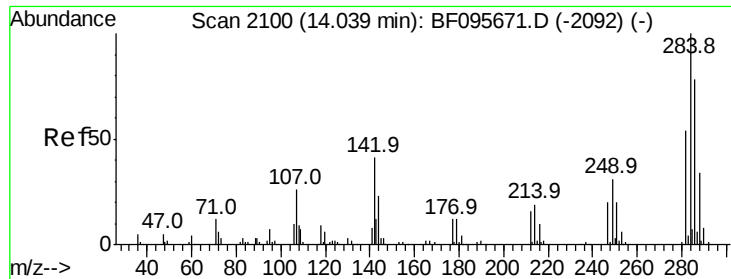
Tot Ion:169 Resp: 330823
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.43 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:248 Resp: 97612
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 78.5 68.6 103.0

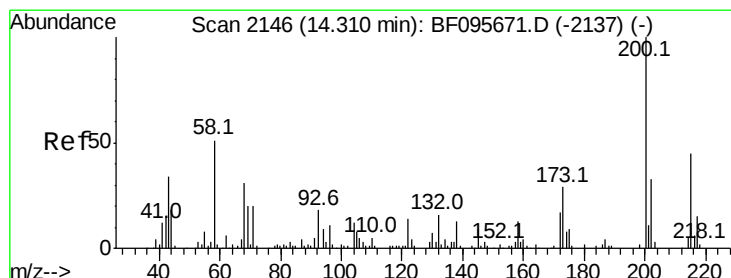
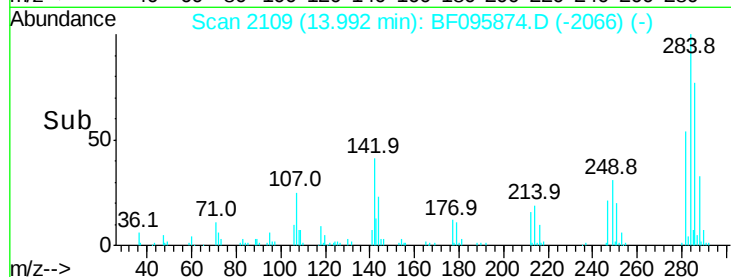
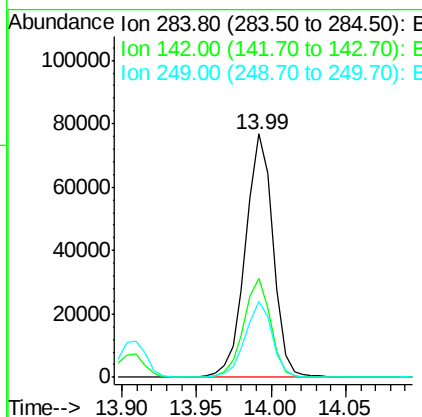
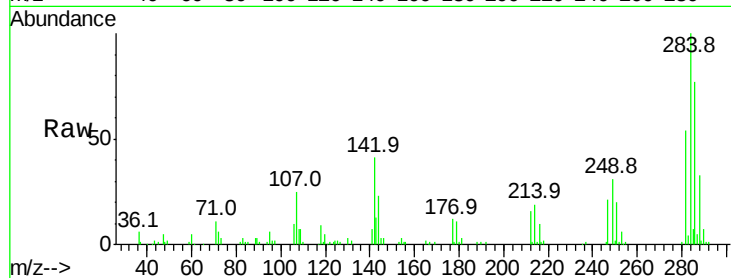




#67
Hexachlorobenzene
Concen: 43.34 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

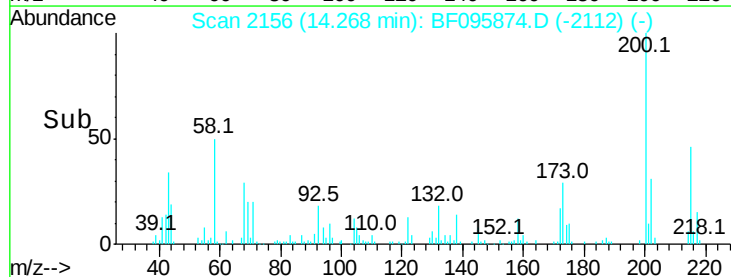
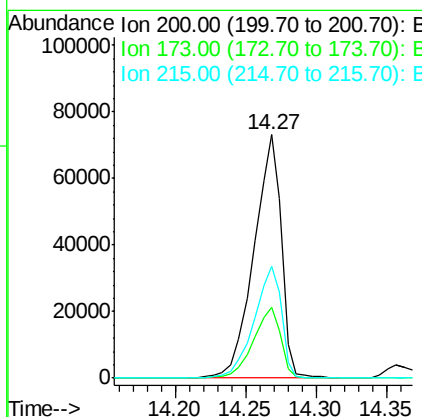
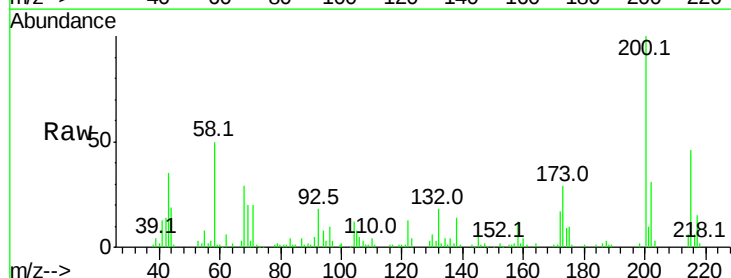
Instrument :
BNA_F
ClientSampled :

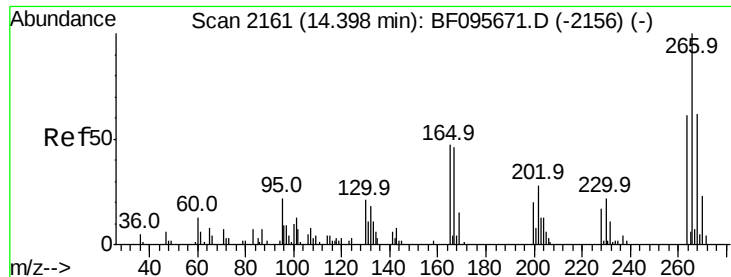
Tot Ion:284 Resp: 98231
Ion Ratio Lower Upper
284 100
142 40.8 22.8 34.2#
249 31.2 24.0 36.0



#68
Atrazine
Concen: 45.20 ng
RT: 14.27 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion:200 Resp: 100051
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 45.9 27.2 67.2

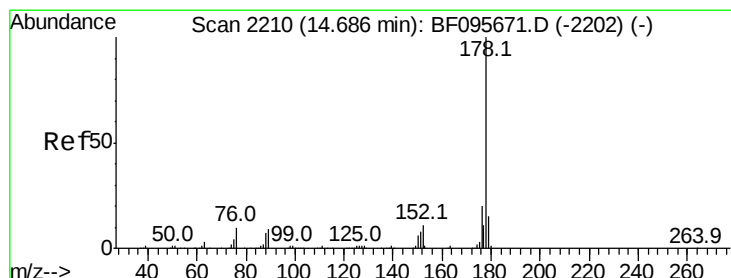
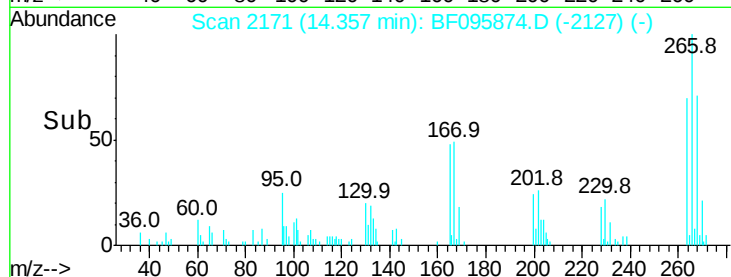
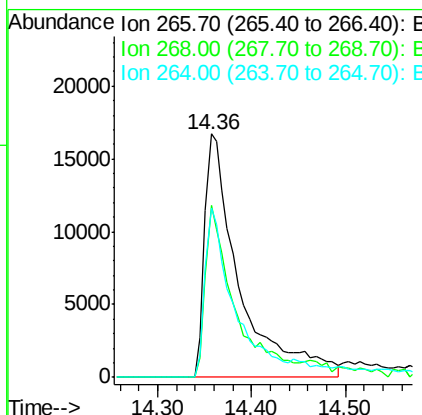
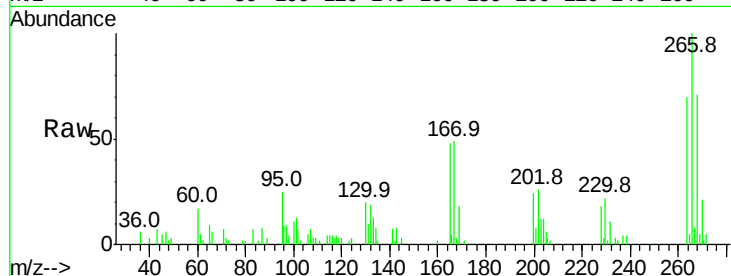




#69
 Pentachlorophenol
 Concen: 53.01 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

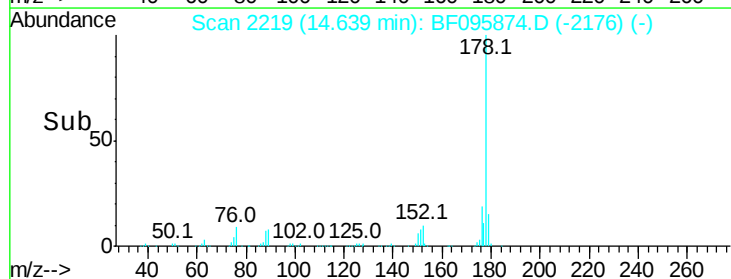
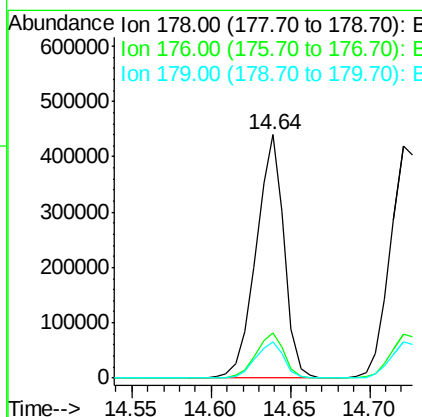
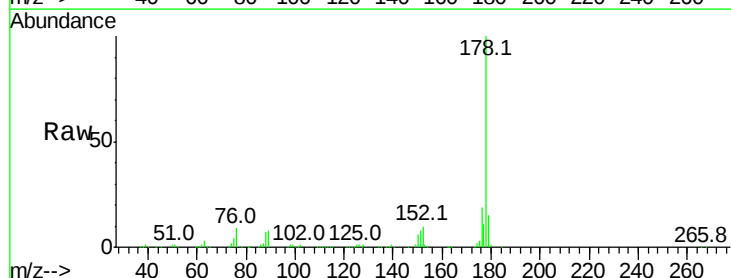
Instrument :
 BNA_F
 ClientSampled :

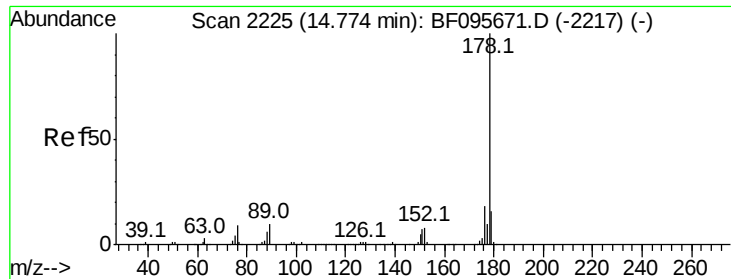
Tot Ion:266 Resp: 43471
 Ion Ratio Lower Upper
 266 100
 268 70.8 51.1 76.7
 264 69.6 51.7 77.5



#70
 Phenanthrene
 Concen: 42.31 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:178 Resp: 540304
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.1 12.6 19.0

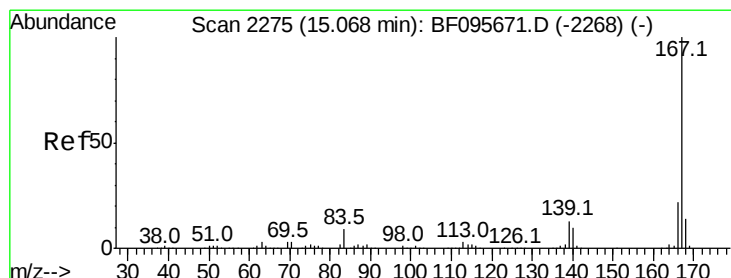
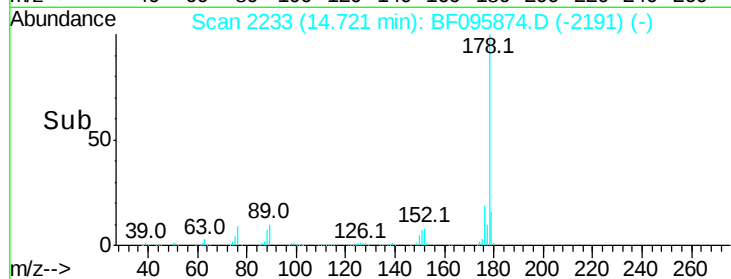
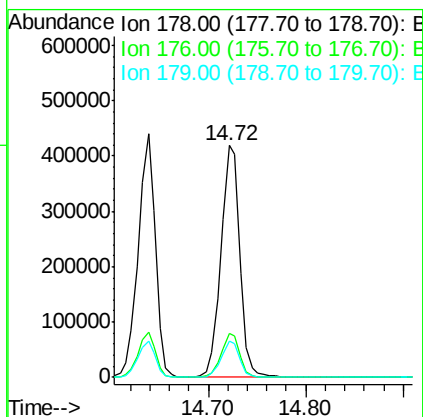
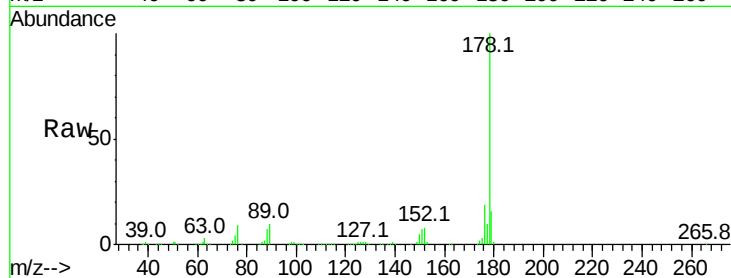




#71
 Anthracene
 Concen: 42.19 ng
 RT: 14.72 min Scan# 2233
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

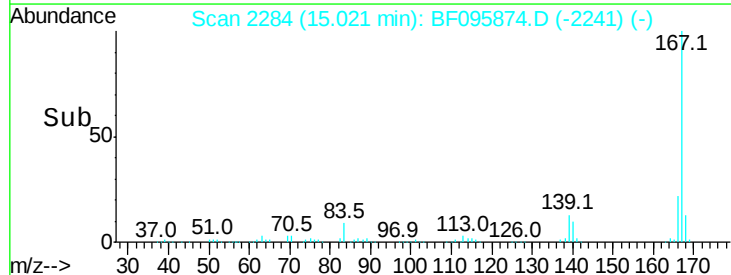
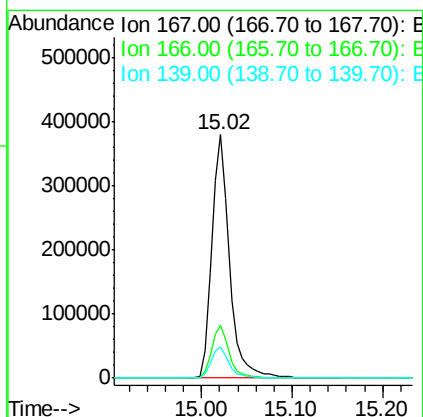
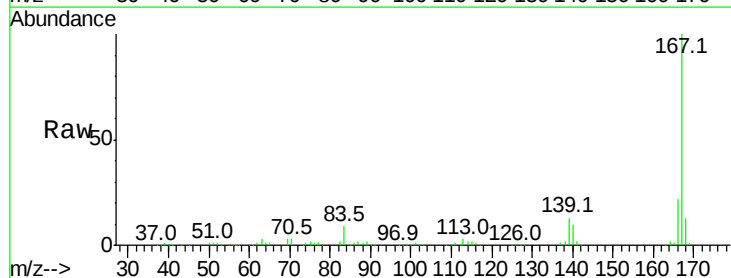
Instrument :
 BNA_F
 ClientSampleId :

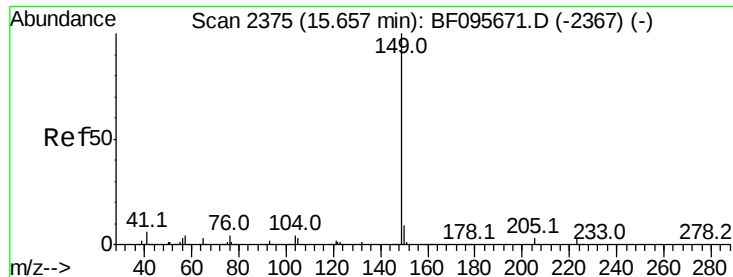
Tot Ion:178 Resp: 562505
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.77 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:167 Resp: 516781
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.05 ng

RT: 15.62 min Scan# 2385

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

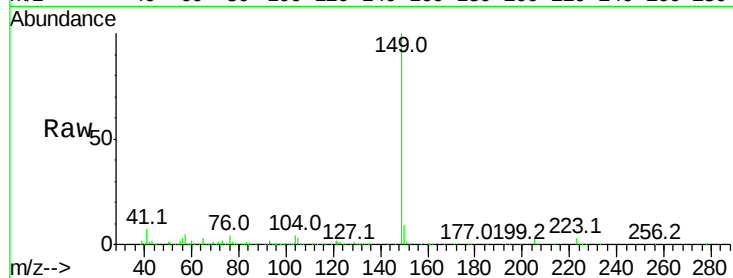
Tot Ion:149 Resp: 622702

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

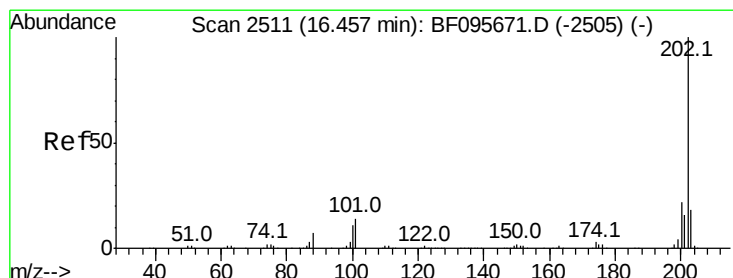
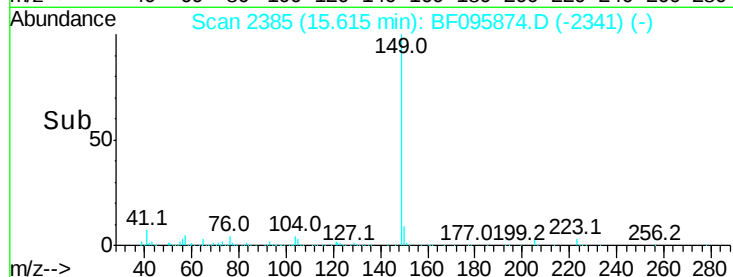
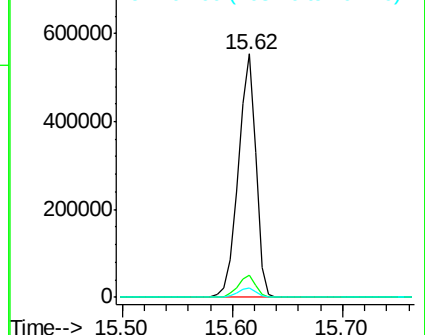
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.27 ng

RT: 16.42 min Scan# 2521

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

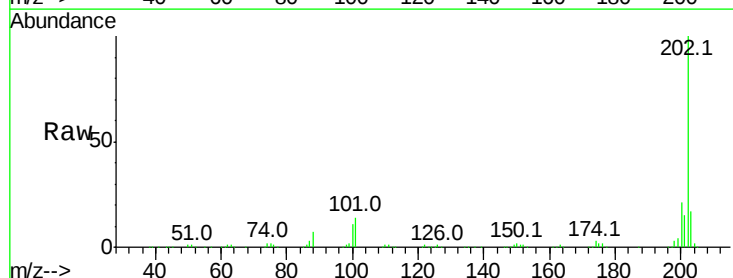
Tgt Ion:202 Resp: 546958

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

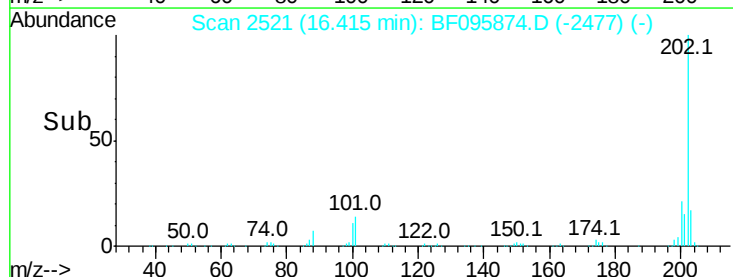
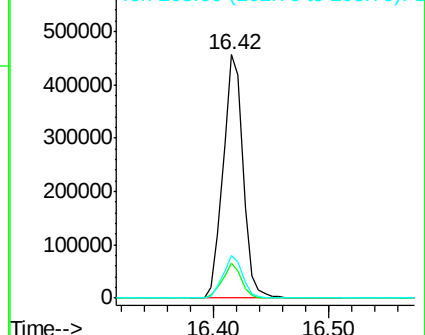
203 17.3 0.0 38.1

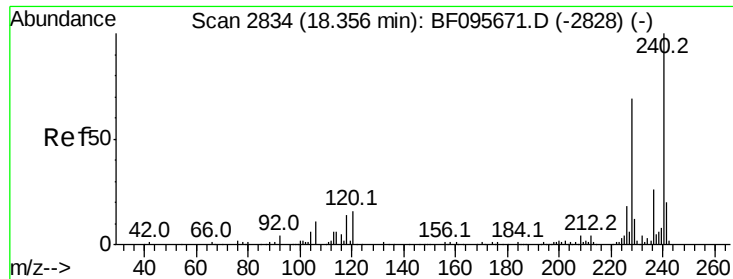


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

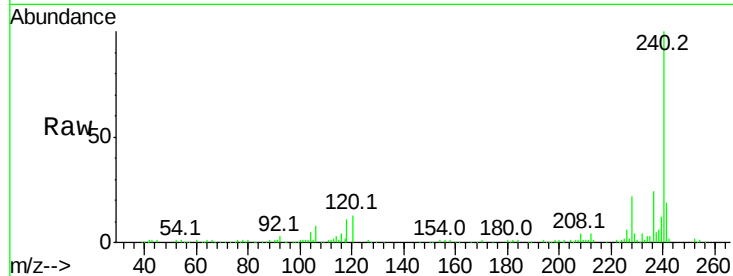
Tot Ion:240 Resp: 157143

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

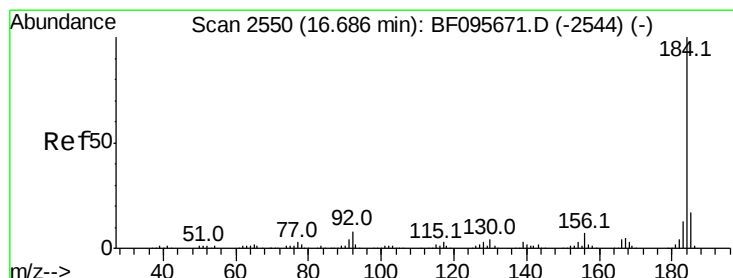
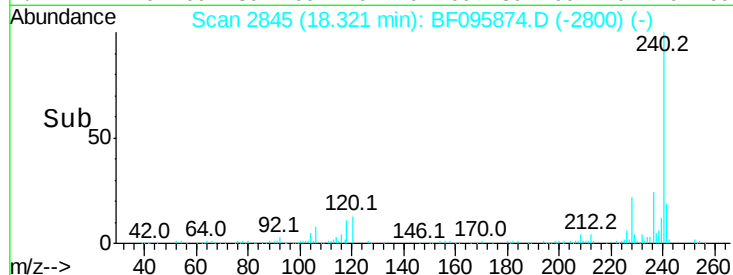
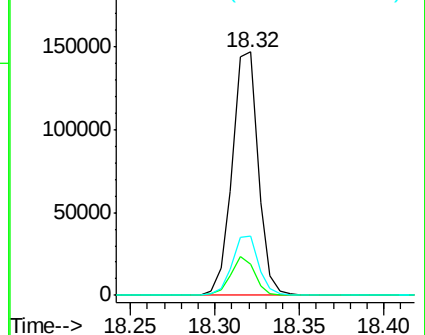
236 24.2 20.5 30.7



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: 38.87 ng

RT: 16.64 min Scan# 2560

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

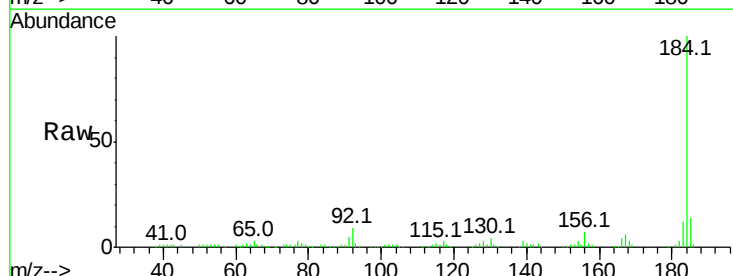
Tgt Ion:184 Resp: 234577

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

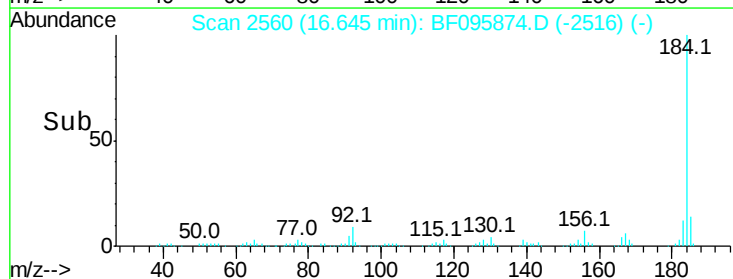
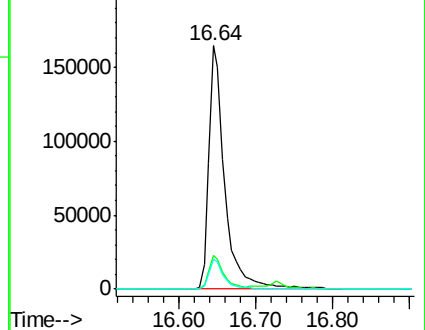
183 12.4 9.8 14.6

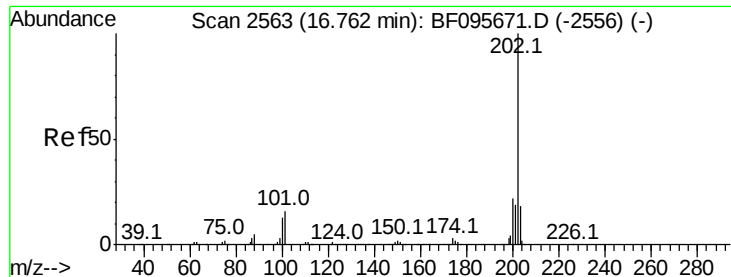


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.76 ng

RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

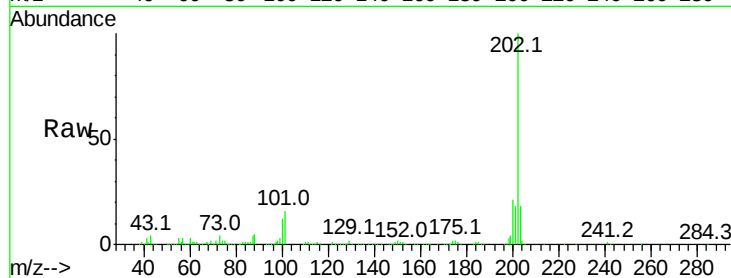
Tot Ion:202 Resp: 548220

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

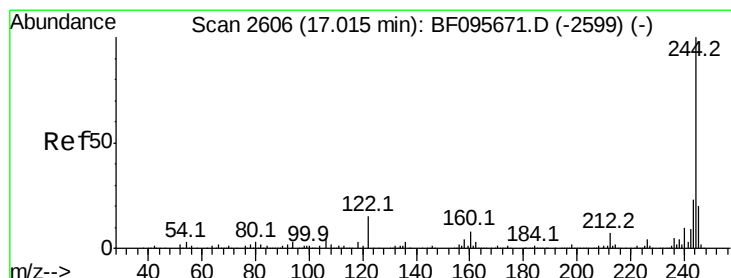
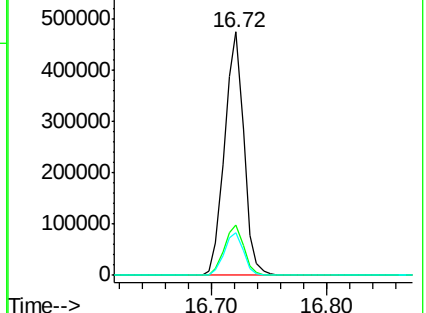
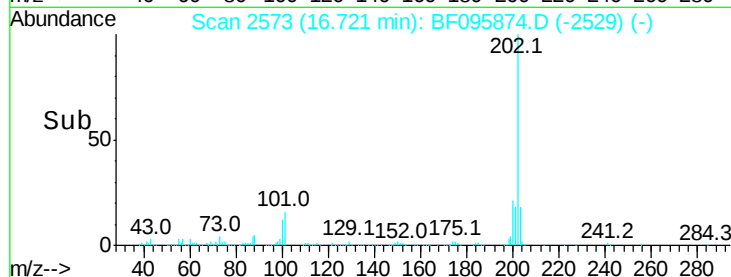
203 17.5 14.4 21.6



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: 99.23 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

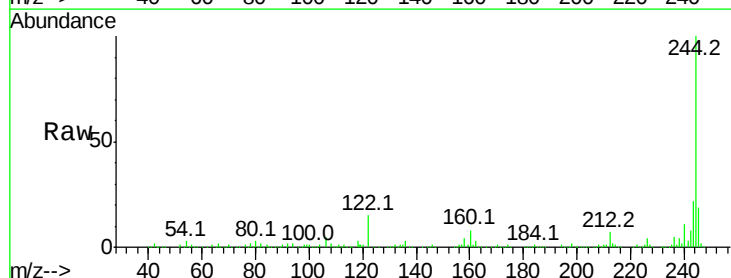
Tgt Ion:244 Resp: 628301

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

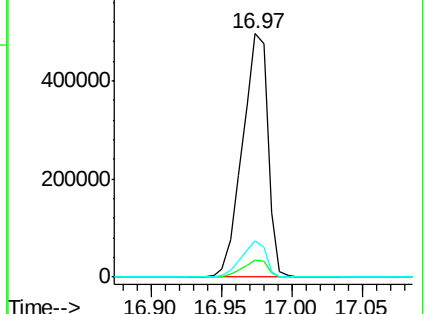
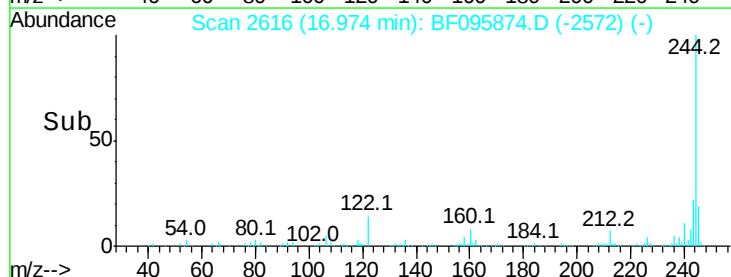
122 14.8 10.3 15.5

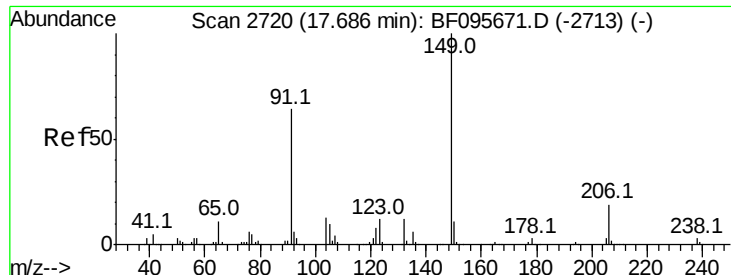


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

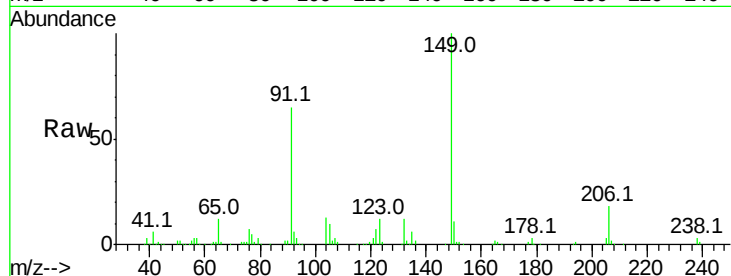




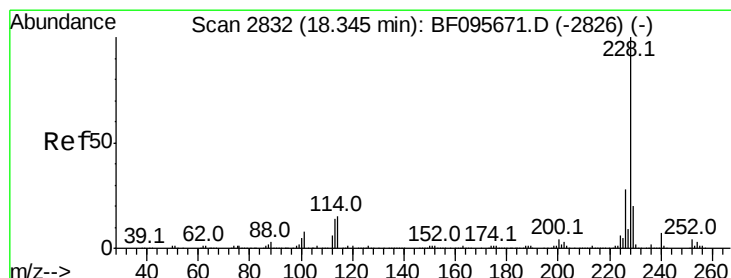
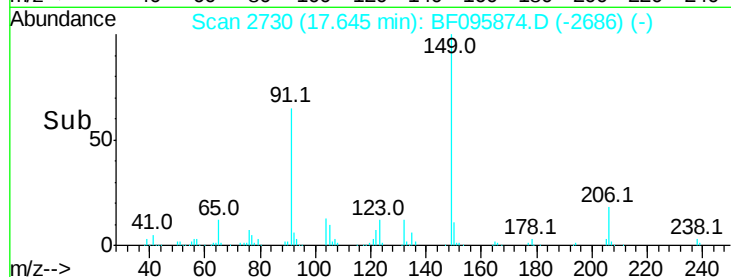
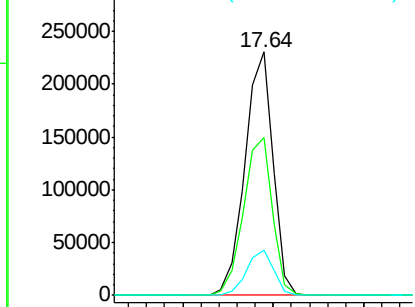
#79
Butylbenzylphthalate
Concen: 48.45 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	45.0	67.4
206	18.4	17.0	25.6

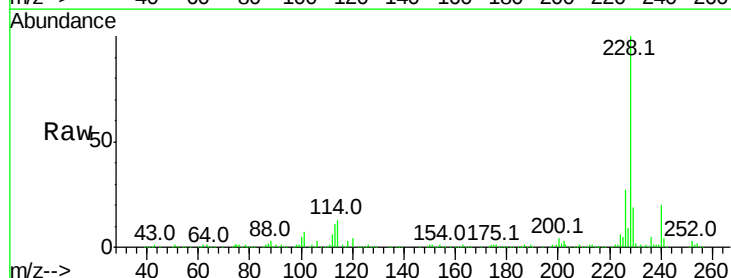


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

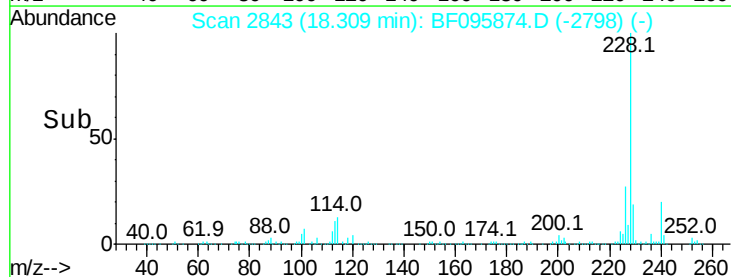
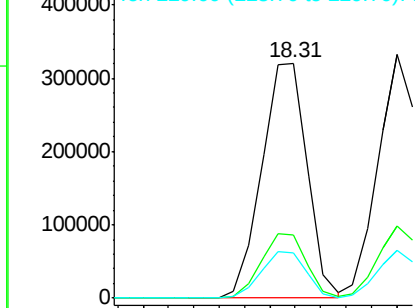


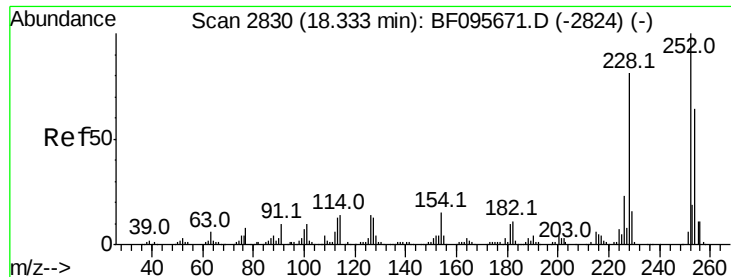
#80
Benzo(a)anthracene
Concen: 43.35 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	19.3	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

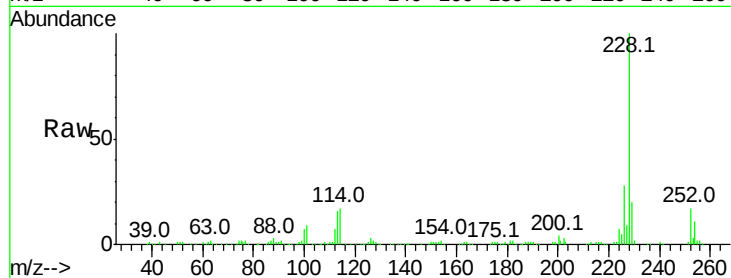




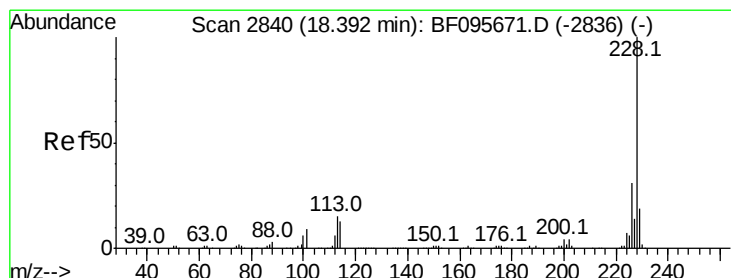
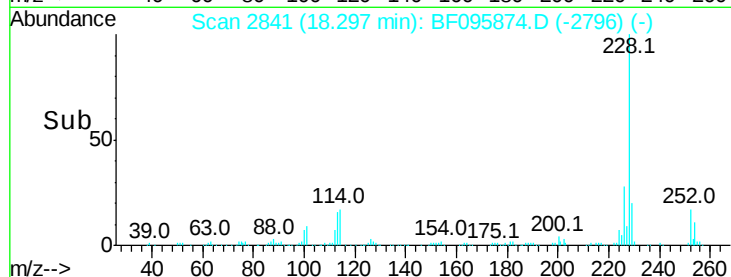
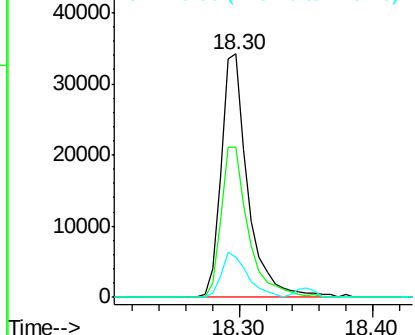
#81
 3,3'-Dichlorobenzidine
 Concen: 14.79 ng
 RT: 18.30 min Scan# 2841
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 48051
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.5 77.3
 126 16.6 15.8 23.8

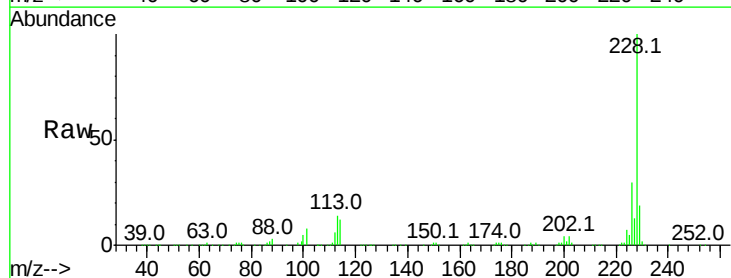


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

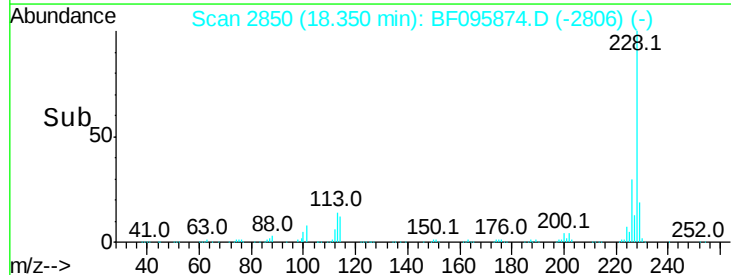
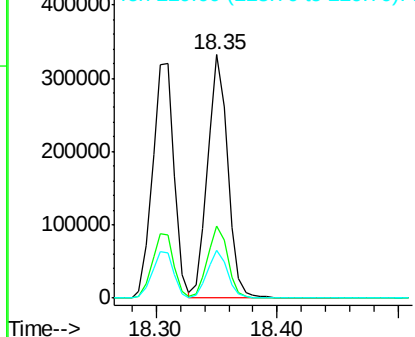


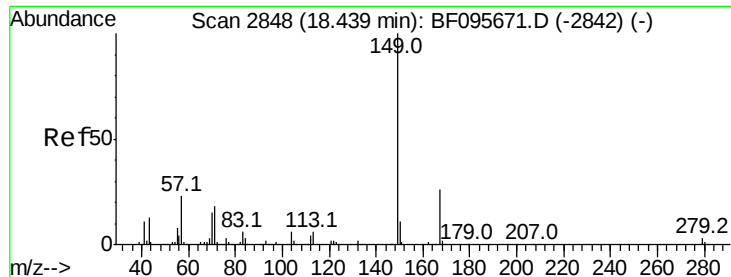
#82
 Chrysene
 Concen: 41.81 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:228 Resp: 381765
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.5 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

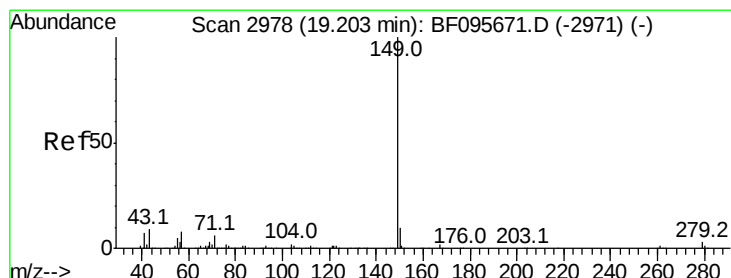
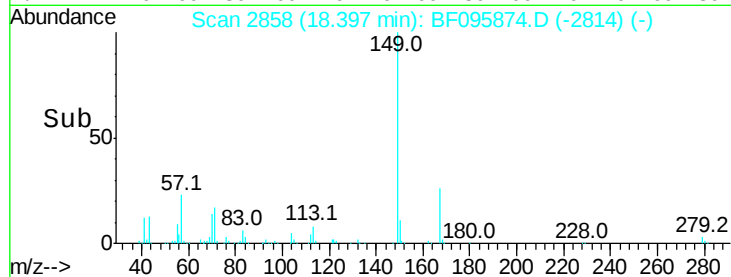
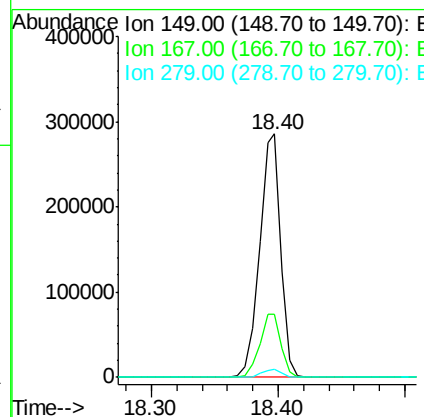
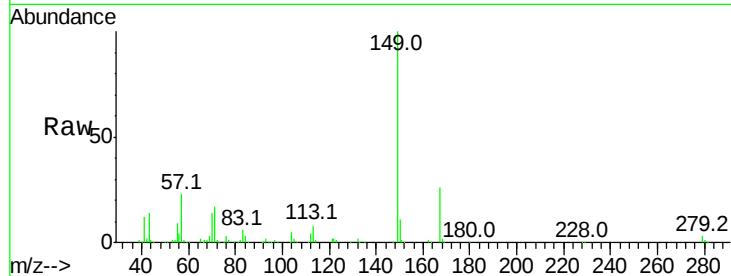




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.13 ng
 RT: 18.40 min Scan# 2858
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

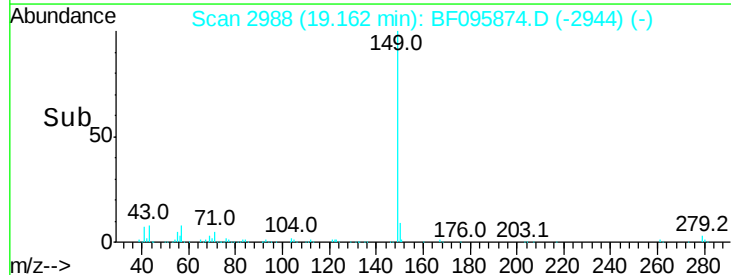
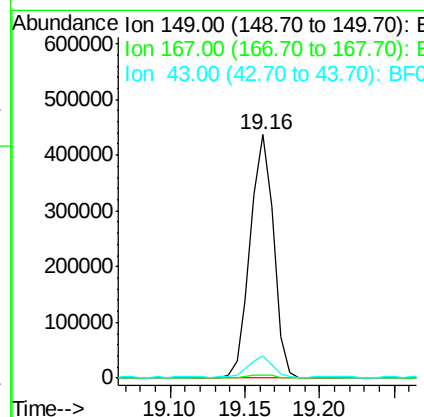
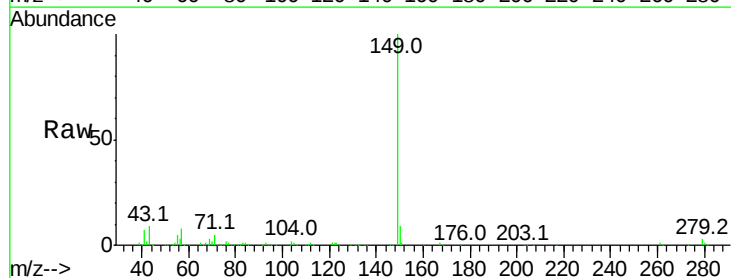
Instrument :
 BNA_F
 ClientSampleId :

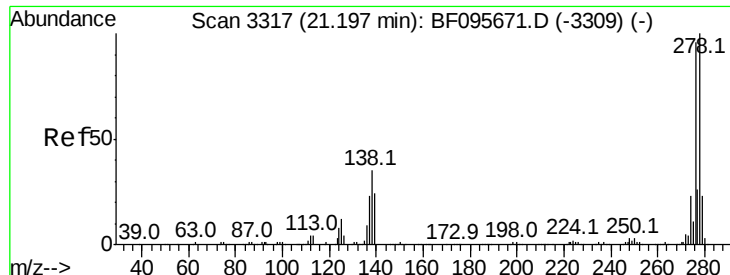
Tot Ion:149 Resp: 333219
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.72 ng
 RT: 19.16 min Scan# 2988
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion:149 Resp: 472809
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.5 8.5 12.7#

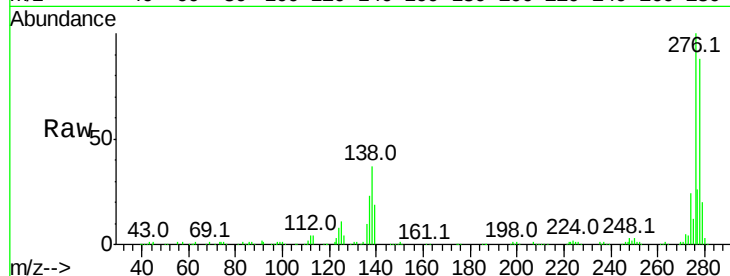




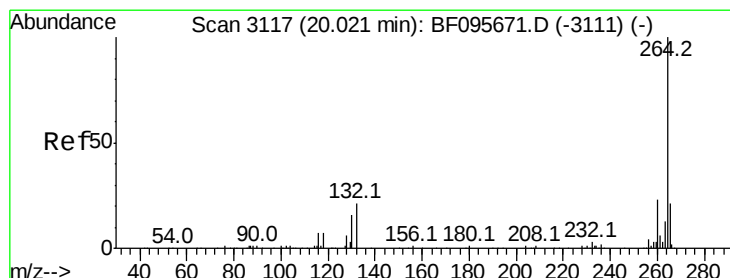
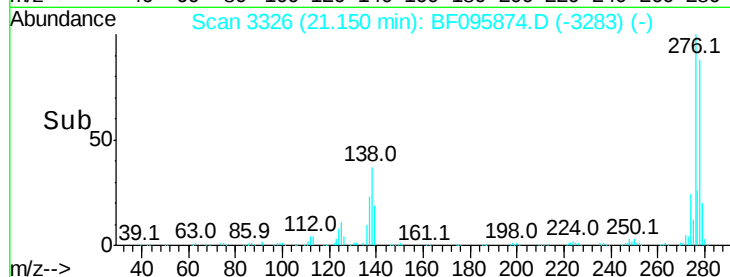
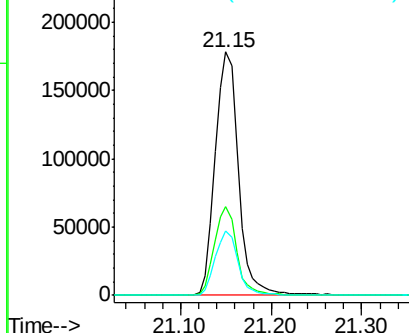
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.70 ng
 RT: 21.15 min Scan# 3326
 Delta R.T. -0.05 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	26.0	20.2	30.4

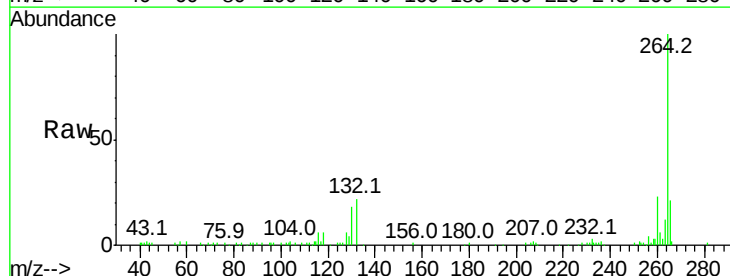


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

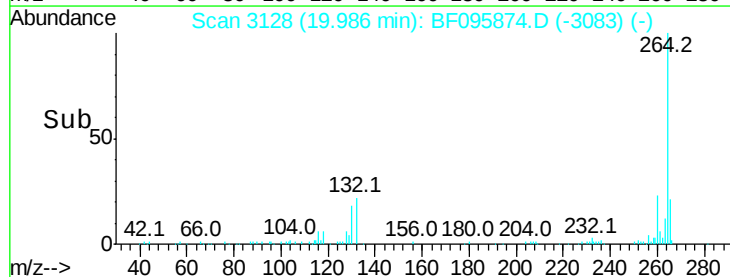
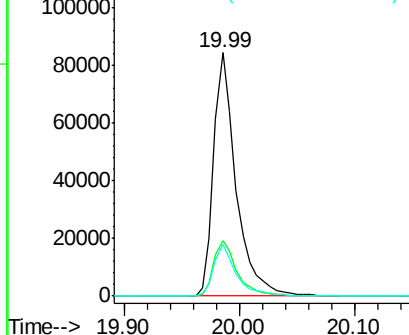


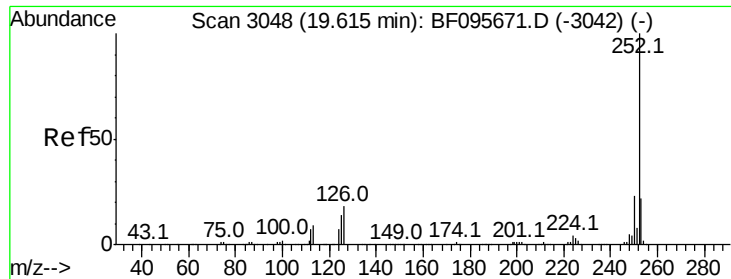
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095874.D
 Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.4	17.2	25.8



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

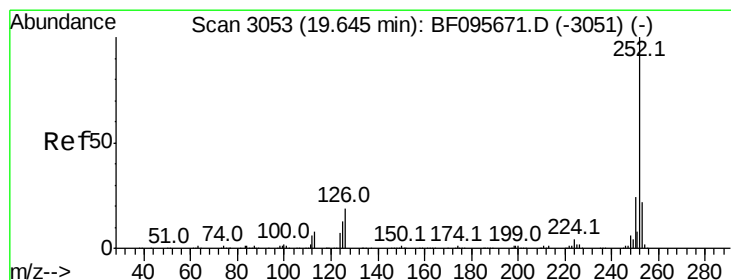
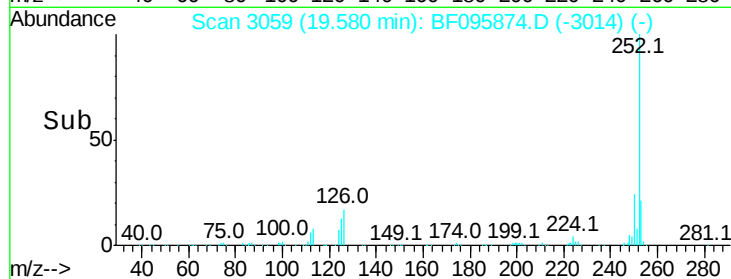
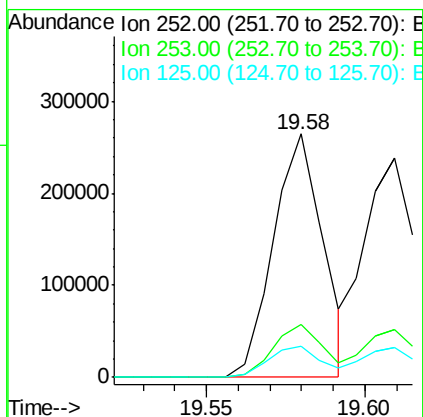
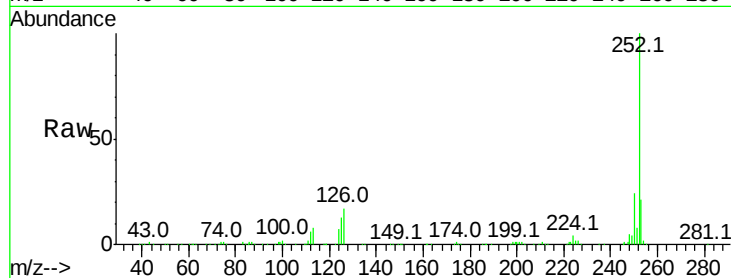




#87
Benzo(b)fluoranthene
Concen: 40.24 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

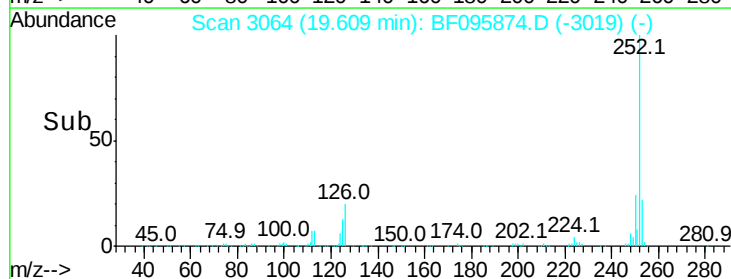
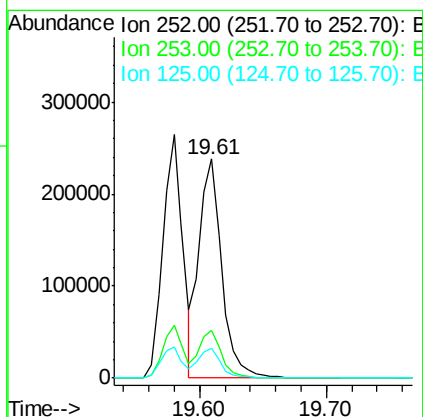
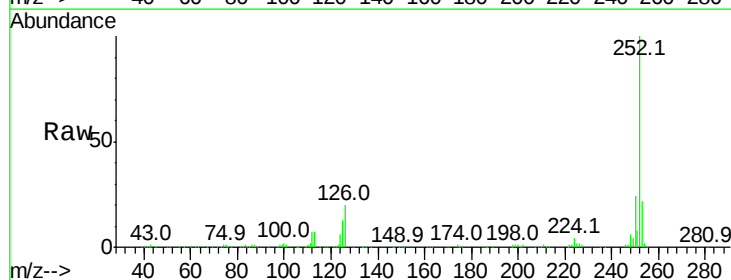
Instrument :
BNA_F
ClientSampleId :

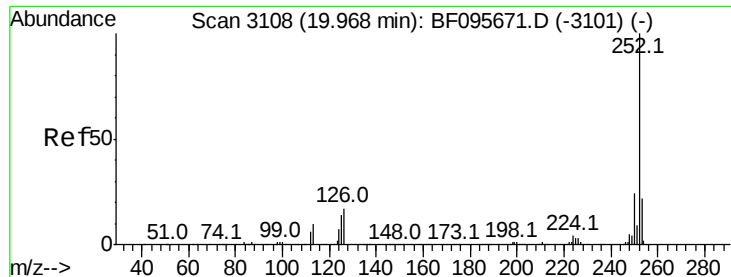
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.6	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.86 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.04 min
Lab File: BF095874.D
Acq: 12 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 42.34 ng

RT: 19.93 min Scan# 3119

Delta R.T. -0.04 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

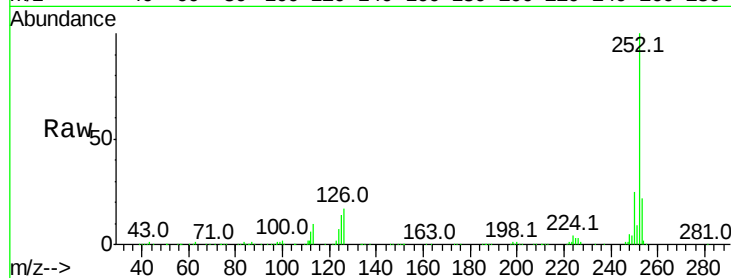
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 279097

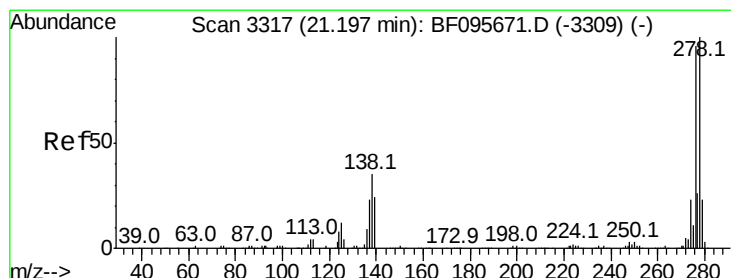
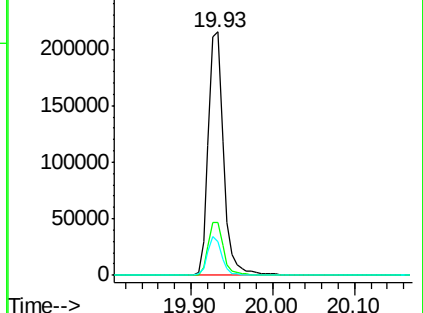
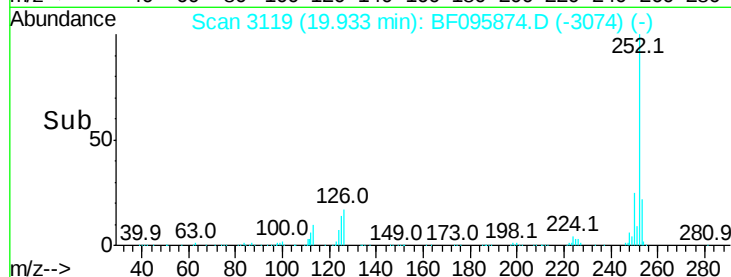
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.9	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.47 ng

RT: 21.15 min Scan# 3326

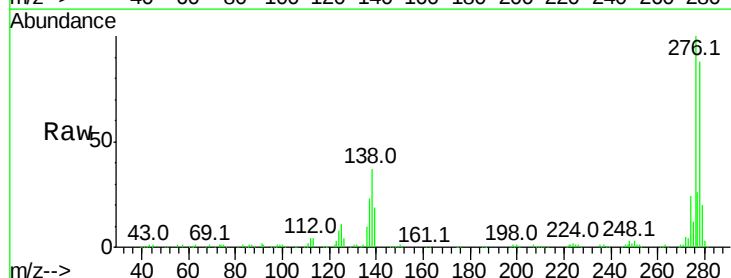
Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Tgt Ion:278 Resp: 265456

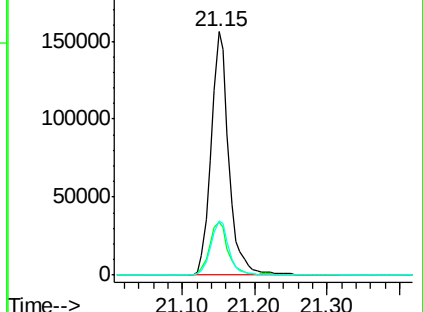
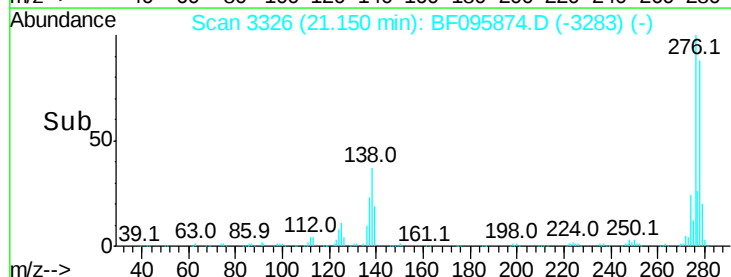
Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	22.4	19.3	28.9

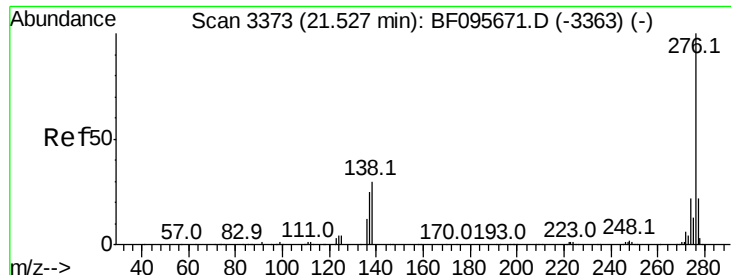


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.40 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095874.D

Acq: 12 Jun 2017 16:18

Instrument :

BNA_F

ClientSampleId :

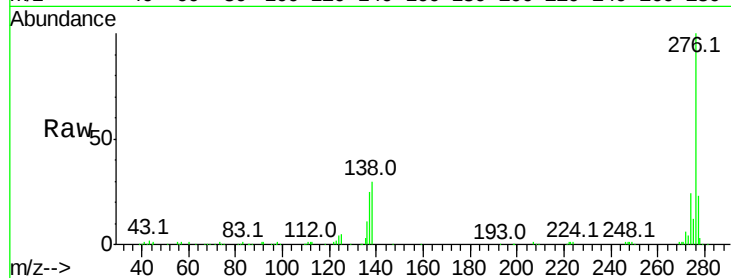
Tot Ion:276 Resp: 281616

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 30.4 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

