

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099400.D
 Acq On : 12 Oct 2017 17:45
 Operator : SJ/JU
 Sample : I5637-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120361	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	481416	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	192096	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	277955	20.00	ng	0.00
75) Chrysene-d12	14.03	240	215880	20.00	ng	0.01
86) Perylene-d12	15.49	264	197180	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	908841	120.20	ng	0.02
7) Phenol-d6	6.50	99	1099140	117.84	ng	0.01
23) Nitrobenzene-d5	7.43	82	652175	86.88	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	171517	109.12	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	981066	85.26	ng	0.00
78) Terphenyl-d14	12.96	244	671601	70.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	123671	34.24	ng	96
3) Pyridine	3.46	79	354183	36.25	ng	92
4) n-Nitrosodimethylamine	3.41	42	151907	36.66	ng	80
6) Aniline	6.52	93	402177	31.95	ng	95
8) 2-Chlorophenol	6.65	128	350940	40.99	ng	96
9) Benzaldehyde	6.41	77	128757	23.80	ng	91
10) Phenol	6.52	94	444609	42.62	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	337730	41.65	ng	98
12) 1,3-Dichlorobenzene	6.80	146	364000	40.59	ng	97
13) 1,4-Dichlorobenzene	6.87	146	367776	40.31	ng	98
14) 1,2-Dichlorobenzene	7.03	146	338702	40.18	ng	97
15) Benzyl Alcohol	7.00	79	269895	39.44	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	457291	36.19	ng	89
17) 2-Methylphenol	7.12	107	289060	41.26	ng	97
18) Hexachloroethane	7.36	117	115568	35.24	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	218550	36.70	ng	93
20) 3+4-Methylphenols	7.27	107	336187	37.93	ng	# 76
22) Acetophenone	7.27	105	454078	38.93	ng	# 95
24) Nitrobenzene	7.45	77	343914	40.39	ng	92
25) Isophorone	7.68	82	636197	40.99	ng	98
26) 2-Nitrophenol	7.76	139	191126	46.67	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	303182	39.20	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	417592	43.17	ng	99
29) 2,4-Dichlorophenol	8.00	162	287530	43.30	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	281007	42.32	ng	99
31) Naphthalene	8.16	128	953563	42.17	ng	100
32) Benzoic acid	7.88	122	35760	5.63	ng	95
33) 4-Chloroaniline	8.21	127	309469	32.78	ng	98
34) Hexachlorobutadiene	8.27	225	136009	39.76	ng	99
35) Caprolactam	8.59	113	63760	29.94	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	287224	38.49	ng	93
37) 2-Methylnaphthalene	8.85	142	635074	43.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	244650	42.70	ng	98
40) Hexachlorocyclopentadiene	9.00	237	38224	14.60	ng	98

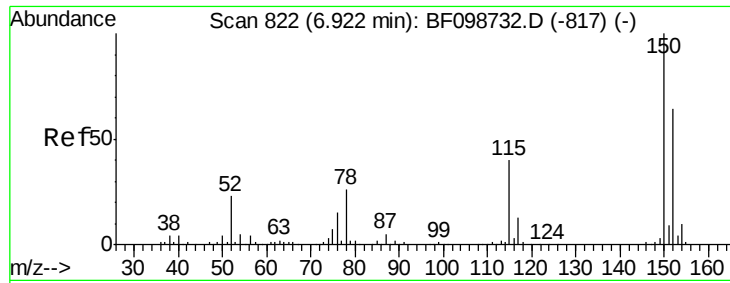
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099400.D
 Acq On : 12 Oct 2017 17:45
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 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	177484	43.73	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	183769	45.36	nq	97
45) 1,1'-Biphenyl	9.32	154	704136	42.65	nq	97
46) 2-Chloronaphthalene	9.34	162	544802	43.95	nq	97
47) 2-Nitroaniline	9.44	65	162204	42.74	nq	94
48) Acenaphthylene	9.76	152	799514	42.13	nq	99
49) Dimethylphthalate	9.62	163	865425	59.69	nq	99
50) 2,6-Dinitrotoluene	9.68	165	139962	44.34	nq	91
51) Acenaphthene	9.93	154	474856	39.50	nq	100
52) 3-Nitroaniline	9.85	138	142056	38.60	nq	94
53) 2,4-Dinitrophenol	9.96	184	14496	14.01	nq	95
54) Dibenzofuran	10.10	168	685533	42.83	nq	99
55) 4-Nitrophenol	10.02	139	191928	61.67	nq	84
56) 2,4-Dinitrotoluene	10.09	165	161620	39.45	nq	95
57) Fluorene	10.44	166	540781	42.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	119190	42.59	nq	96
59) Diethylphthalate	10.31	149	586049	41.37	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	233949	40.49	nq	99
61) 4-Nitroaniline	10.47	138	135110	38.05	nq	85
62) Azobenzene	10.59	77	485564	37.28	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	20048	11.85	nq	92
65) n-Nitrosodiphenylamine	10.55	169	464238	48.21	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	127380	46.82	nq	91
67) Hexachlorobenzene	10.99	284	121092	41.67	nq	# 91
68) Atrazine	11.08	200	140684	48.56	nq	98
69) Pentachlorophenol	11.19	266	114458	63.29	nq	99
70) Phenanthrene	11.41	178	1208322	81.21	nq	99
71) Anthracene	11.46	178	732940	48.15	nq	99
72) Carbazole	11.62	167	627832	42.11	nq	99
73) Di-n-butylphthalate	11.93	149	766849	42.74	nq	98
74) Fluoranthene	12.60	202	1251302	83.06	nq	100
76) Benzidine	12.72	184	260351	32.61	nq	97
77) Pyrene	12.83	202	1433043	87.05	nq	99
79) Butylbenzylphthalate	13.43	149	316212	40.87	nq	95
80) Benzo(a)anthracene	14.02	228	945574	72.34	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	201742	42.10	nq	97
82) Chrysene	14.06	228	888296	71.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	440453	41.35	nq	# 99
84) Di-n-octyl phthalate	14.59	149	801581	46.73	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	525296	52.76	nq	98
87) Benzo(b)fluoranthene	15.10	252	510227	42.09	nq	97
88) Benzo(k)fluoranthene	15.10	252	510227	42.61	nq	99
89) Benzo(a)pyrene	15.44	252	678910	61.01	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	374149	42.01	nq	98
91) Benzo(g,h,i)perylene	17.44	276	448009	50.89	nq	96

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

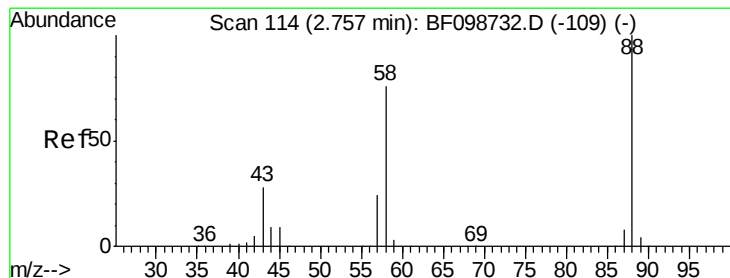
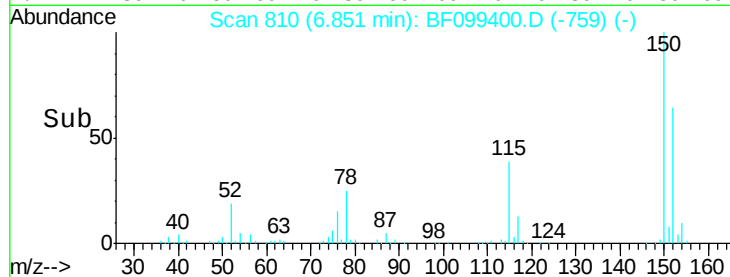
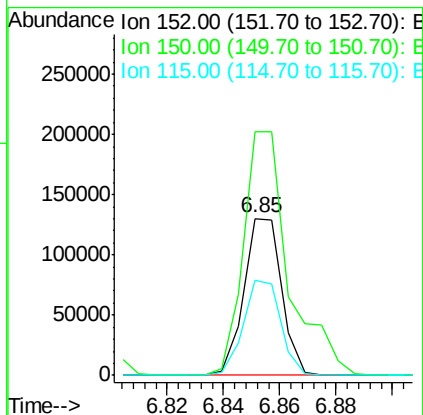
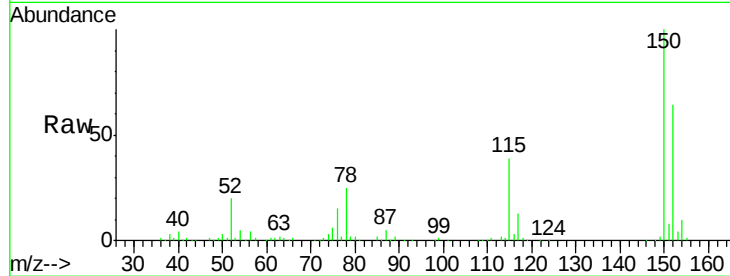


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

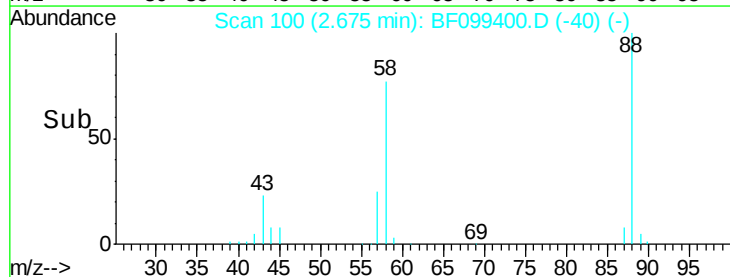
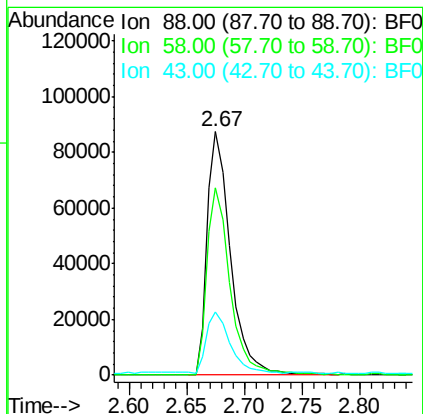
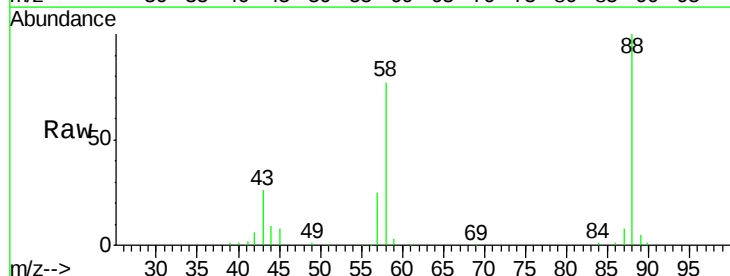
Tot Ion:152 Resp: 120361
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.7 50.1 75.1

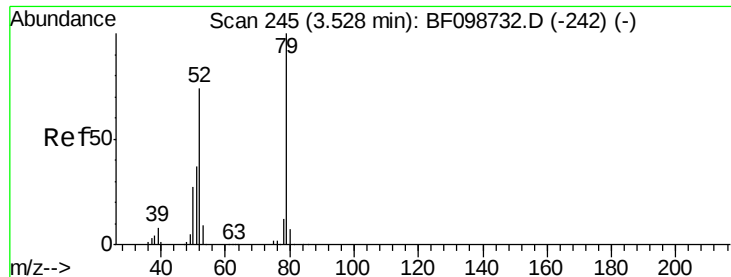


#2

1,4-Dioxane
Concen: 34.24 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.05 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion: 88 Resp: 123671
Ion Ratio Lower Upper
88 100
58 76.7 62.6 93.8
43 25.2 24.6 37.0





#3

Pvridine

Concen: 36.25 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.06 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

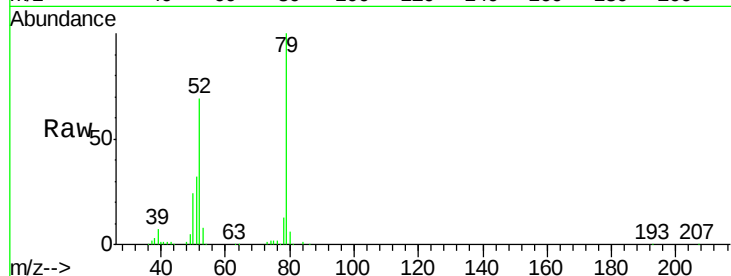
Tot Ion: 79 Resp: 354183

Ion Ratio Lower Upper

79 100

52 68.8 59.8 89.6

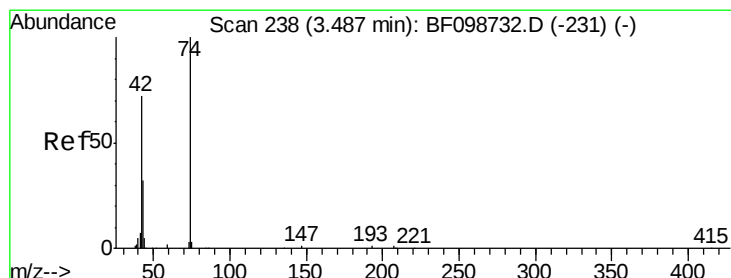
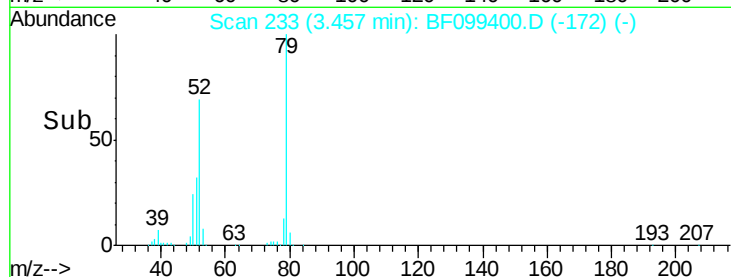
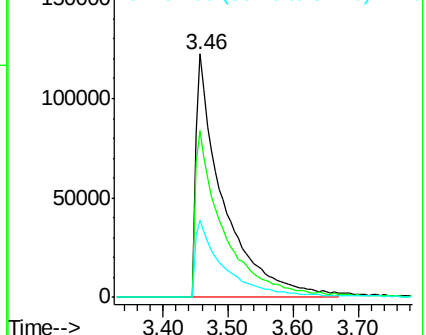
51 31.6 29.8 44.8



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: 36.66 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

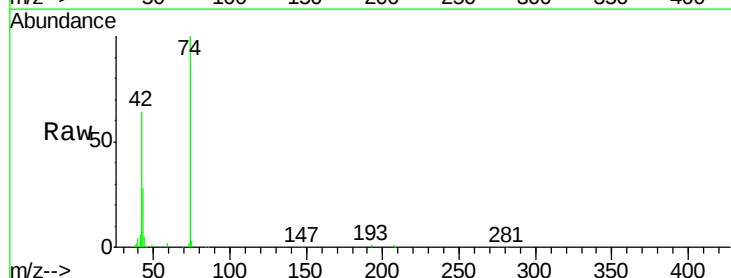
Tgt Ion: 42 Resp: 151907

Ion Ratio Lower Upper

42 100

74 155.2 104.9 157.3

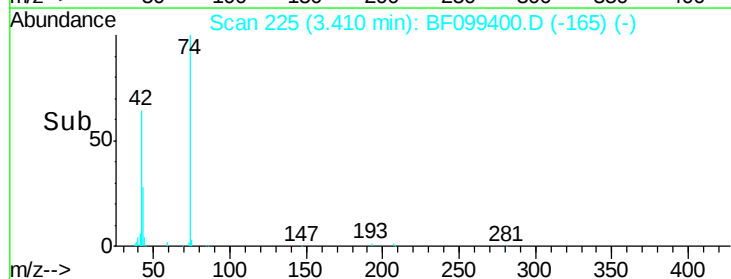
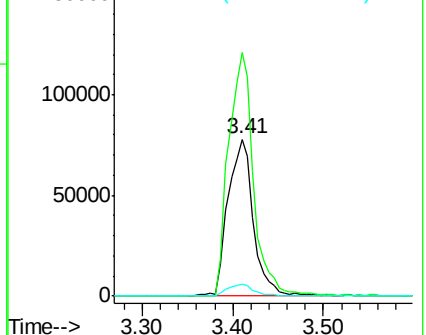
44 7.3 6.9 10.3

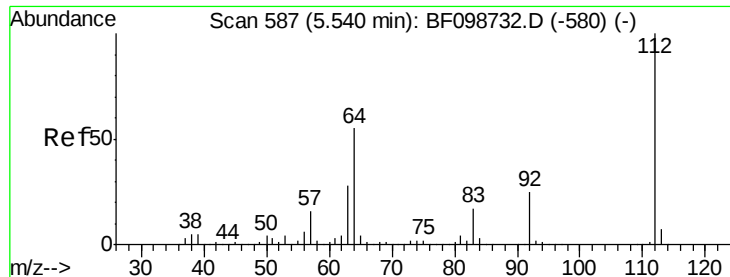


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.20 ng

RT: 5.49 min Scan# 578

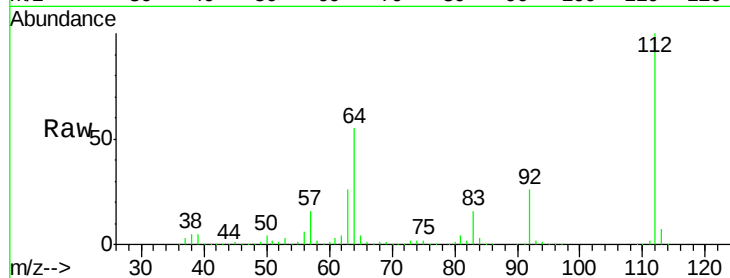
Delta R.T. 0.02 min

Lab File: BF099400.D

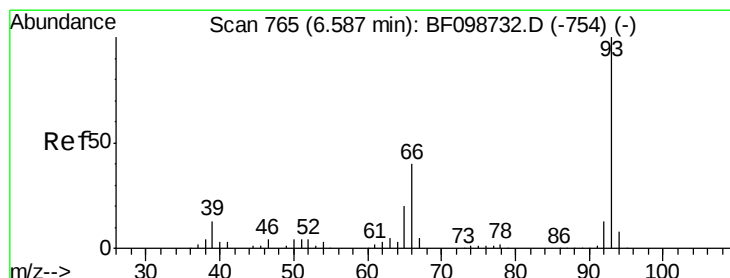
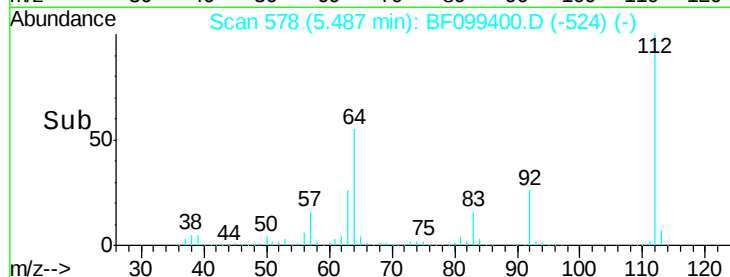
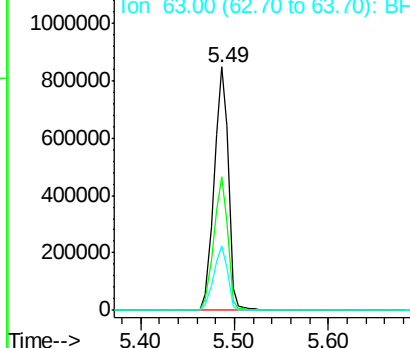
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	908841
Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	26.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.95 ng

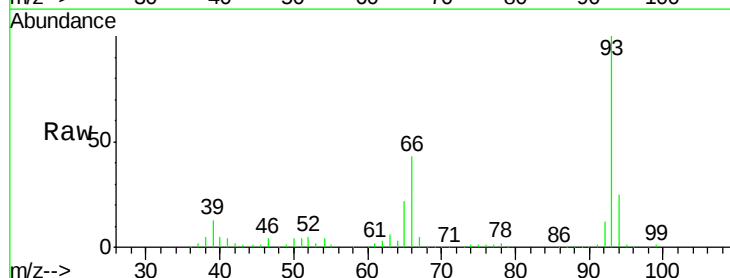
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

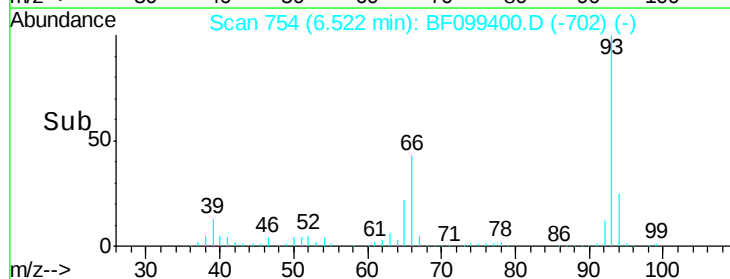
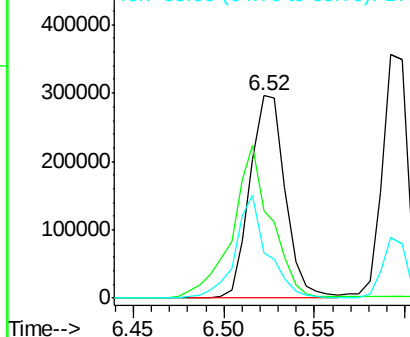
Lab File: BF099400.D

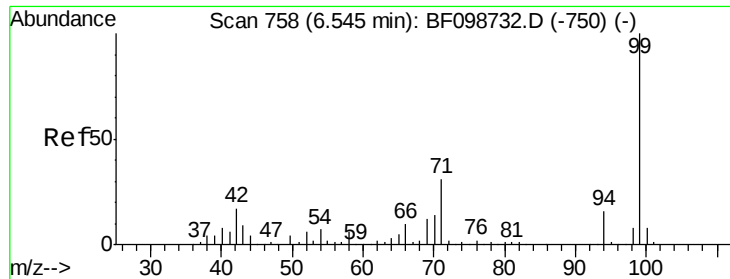
Acq: 12 Oct 2017 17:45

Tgt Ion:	93	Resp:	402177
Ion	Ratio	Lower	Upper
93	100		
66	43.5	32.2	48.2
65	22.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.84 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

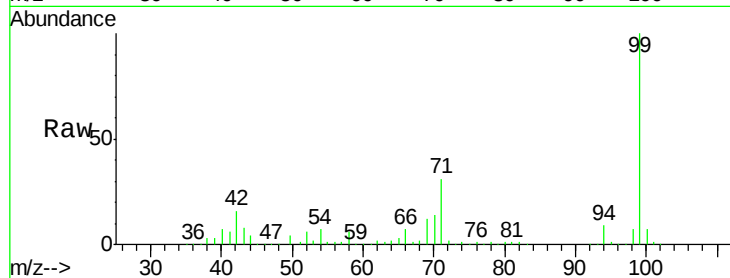
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1099140

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	31.1	25.4	38.0

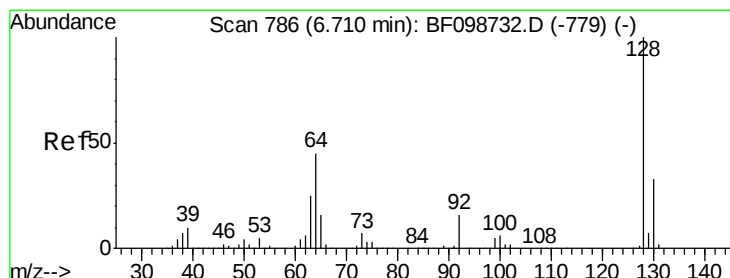
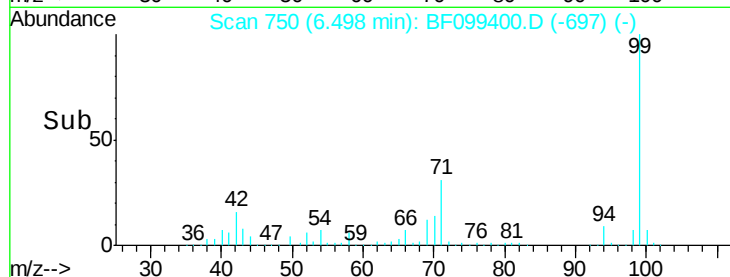
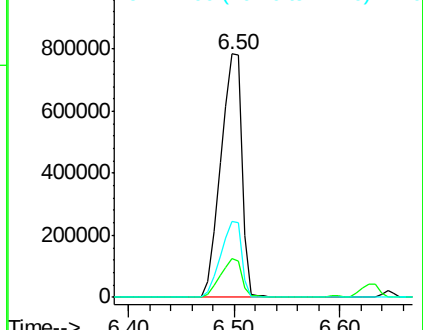


Abundance

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: 40.99 ng

RT: 6.65 min Scan# 775

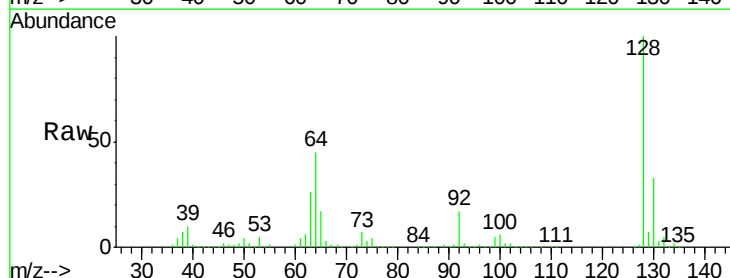
Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Tgt Ion: 128 Resp: 350940

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	45.4	29.4	69.4

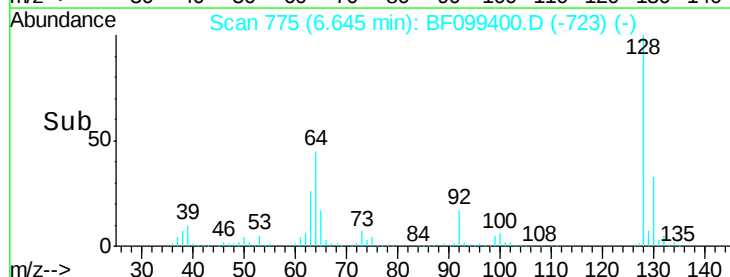
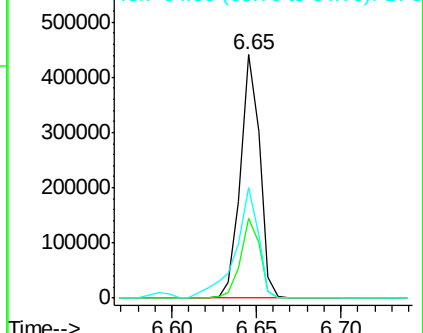


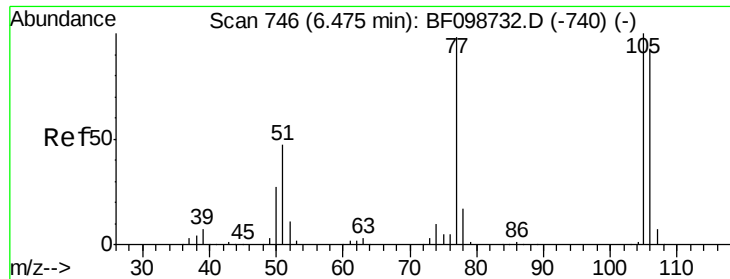
Abundance

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: 23.80 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

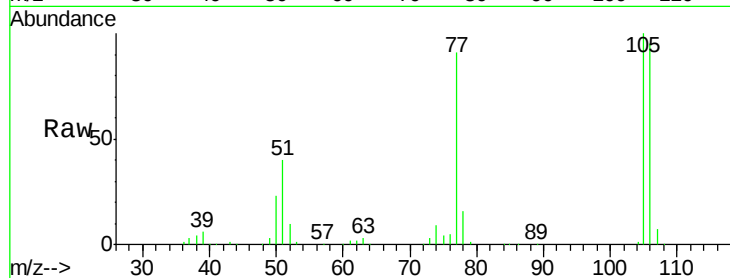
Tot Ion: 77 Resp: 128757

Ion Ratio Lower Upper

77 100

105 109.5 81.1 121.1

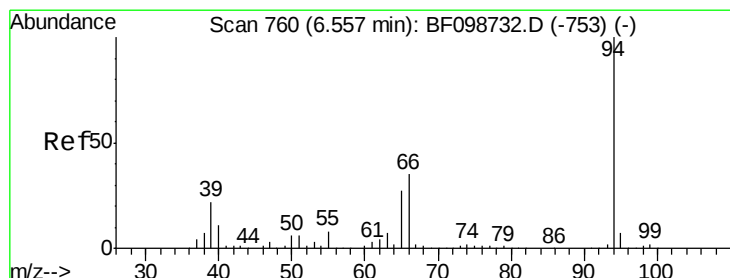
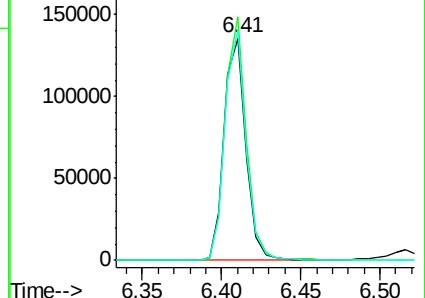
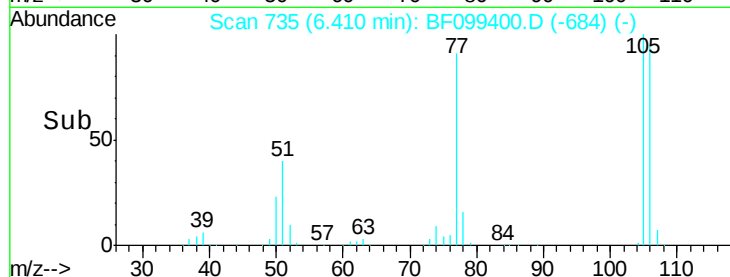
106 104.1 74.5 114.5



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: 42.62 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

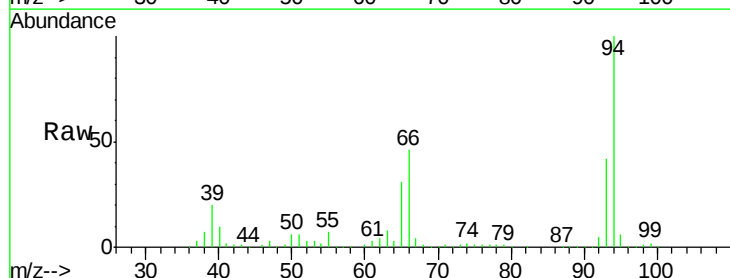
Tgt Ion: 94 Resp: 444609

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

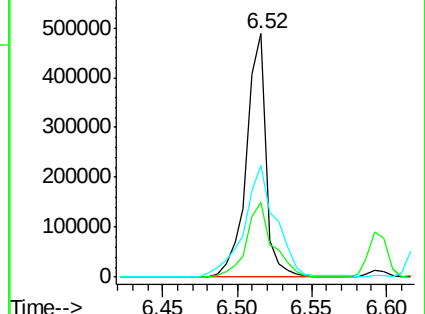
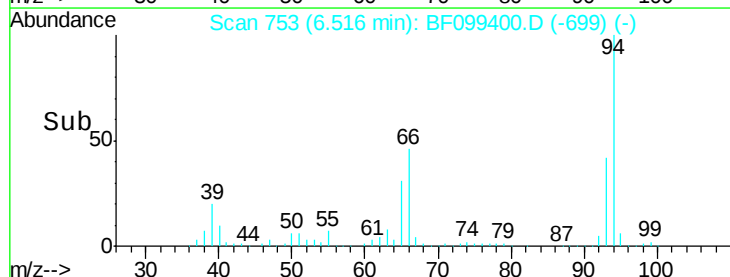
66 45.8 16.2 56.2

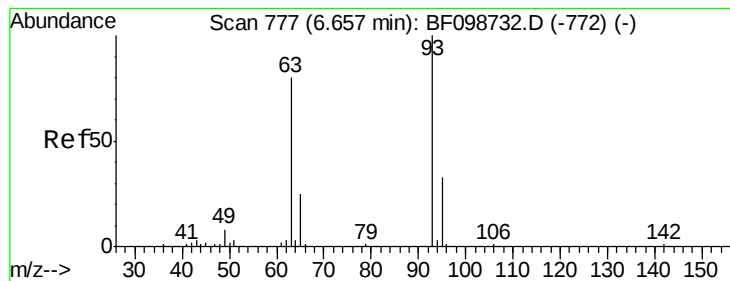


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.65 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

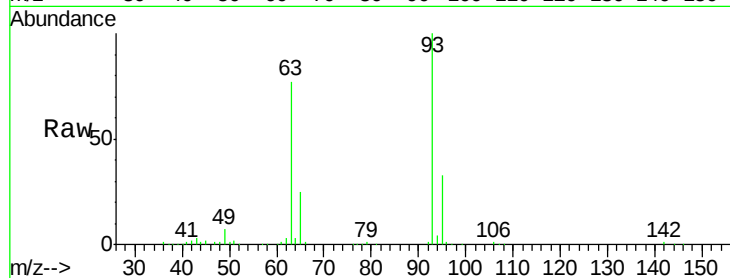
Tot Ion: 93 Resp: 337730

Ion Ratio Lower Upper

93 100

63 76.5 58.6 98.6

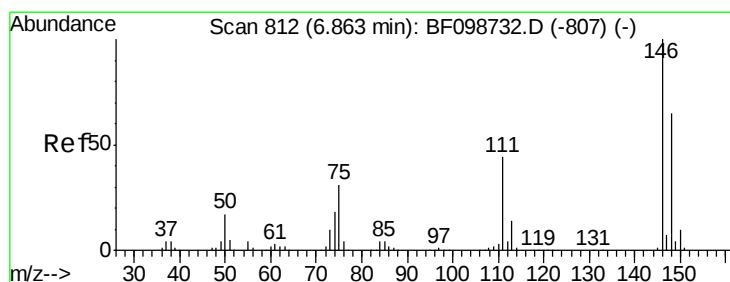
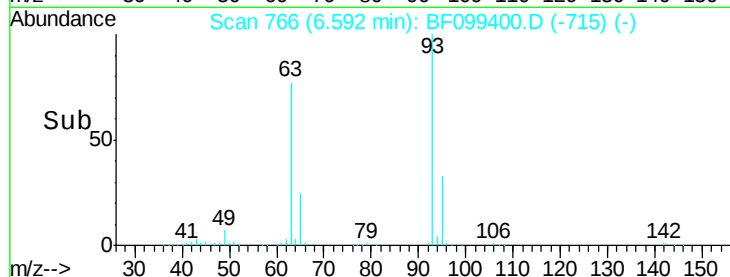
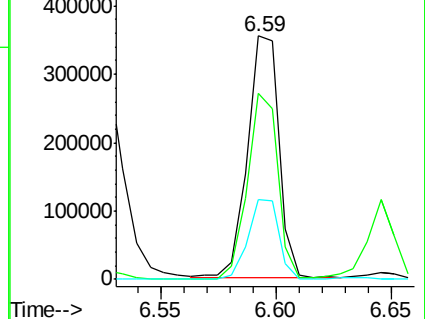
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.59 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

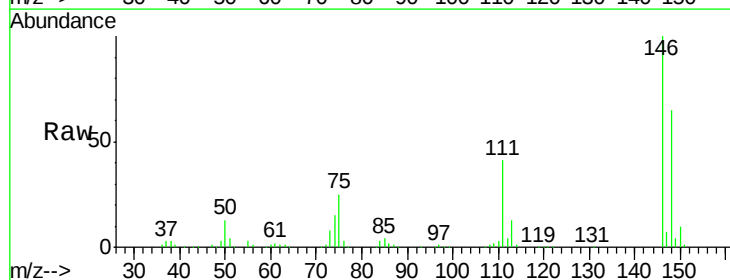
Tgt Ion: 146 Resp: 364000

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

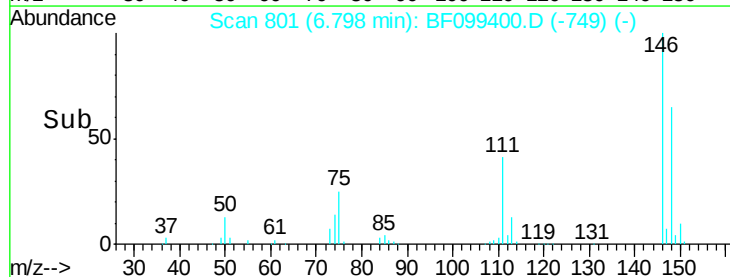
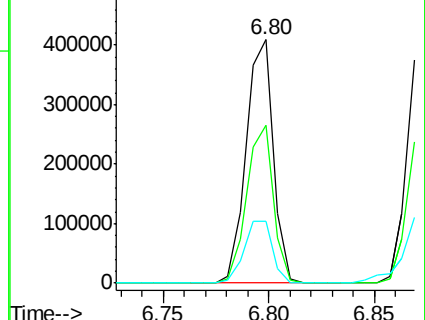
75 25.4 24.2 36.4

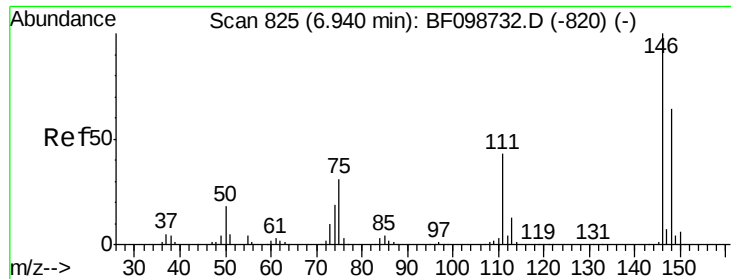


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

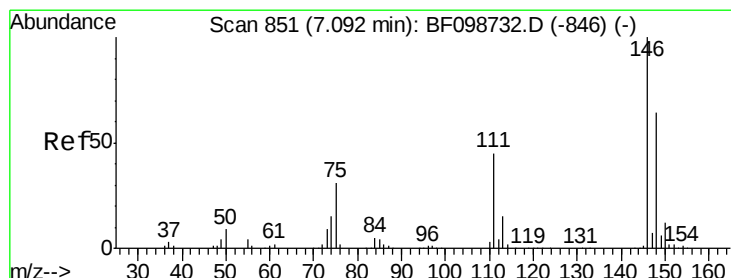
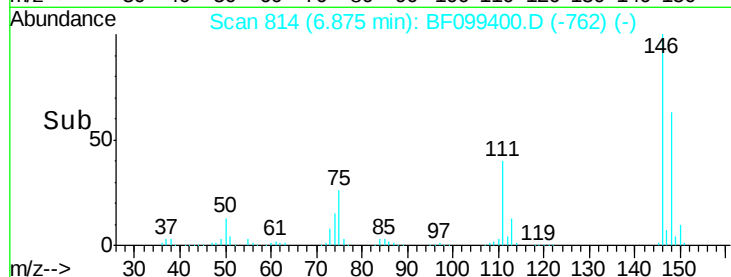
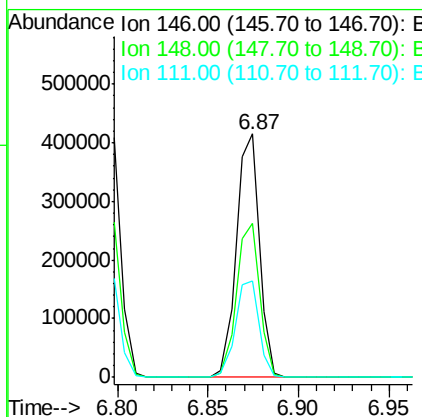
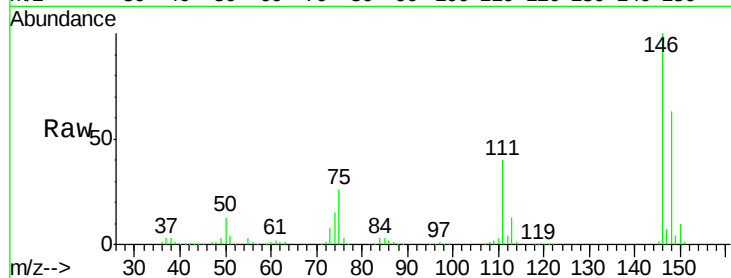




#13
 1,4-Dichlorobenzene
 Concen: 40.31 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

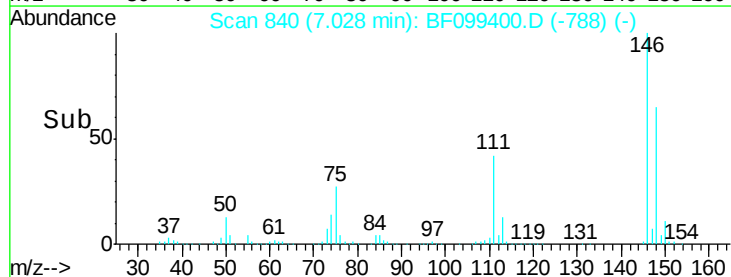
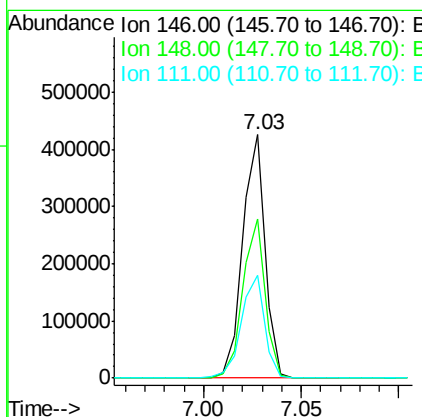
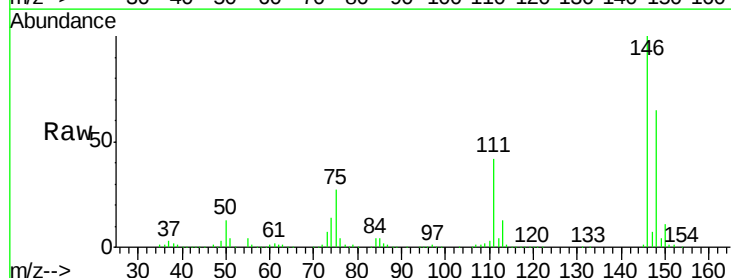
Instrument :
 BNA_F
 ClientSampleId :

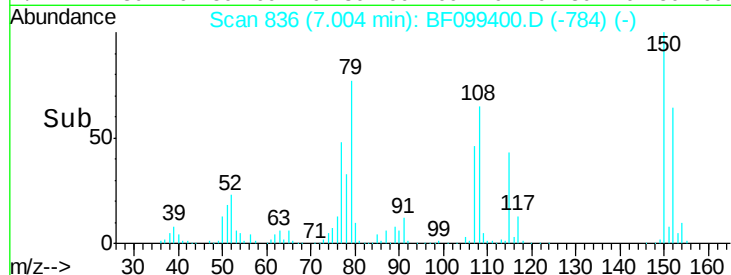
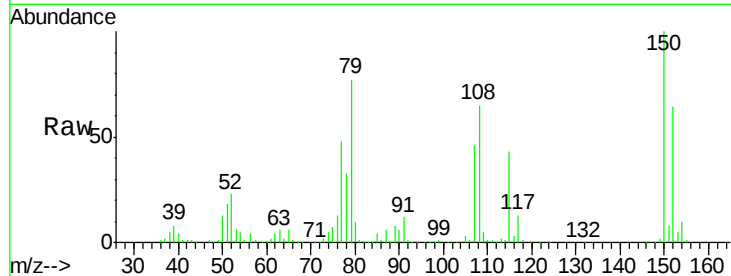
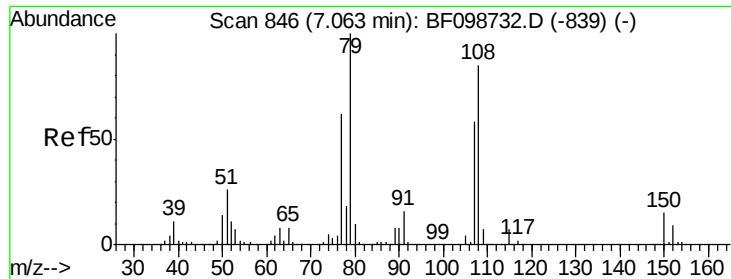
Tot Ion:146 Resp: 367776
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.18 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:146 Resp: 338702
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 75.8
 111 42.4 36.0 54.0

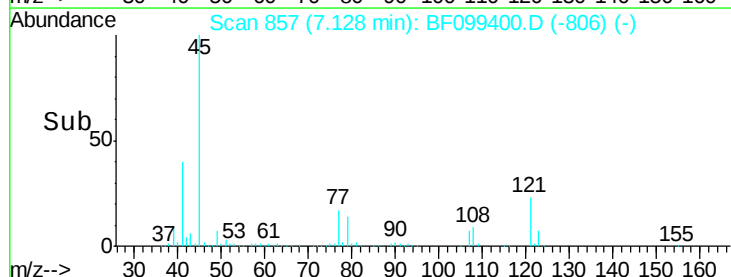
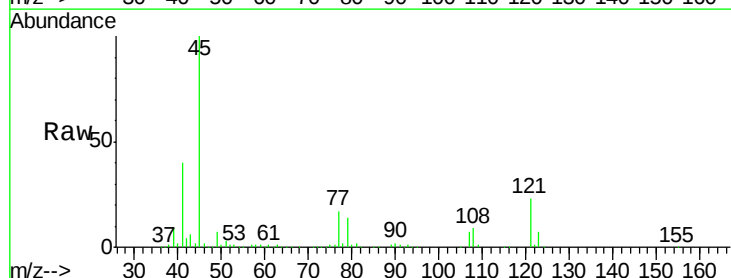
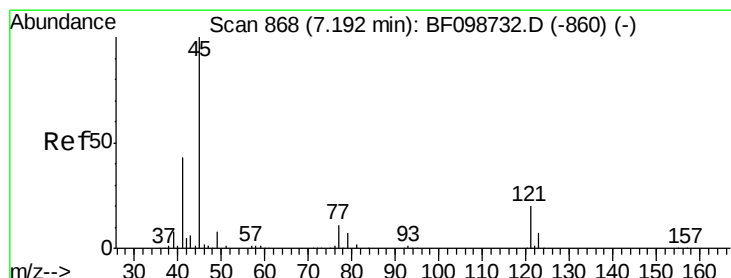
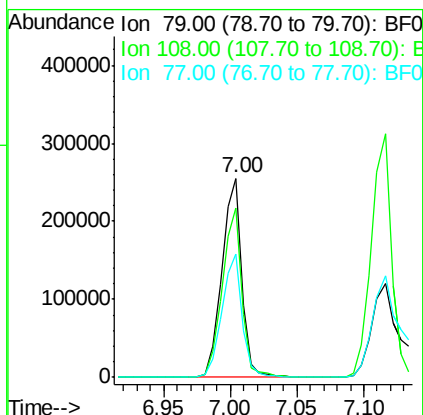




#15
Benzvl Alcohol
Concen: 39.44 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

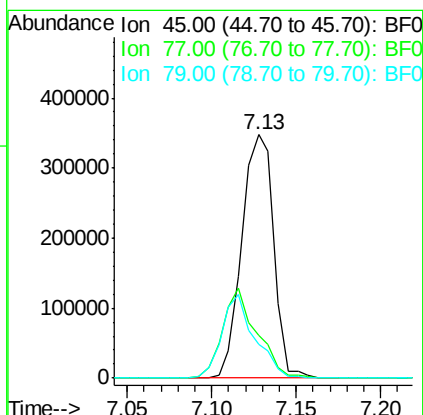
Tot Ion: 79 Resp: 269895
Ion Ratio Lower Upper
79 100
108 84.9 65.1 97.7
77 62.0 50.6 75.8

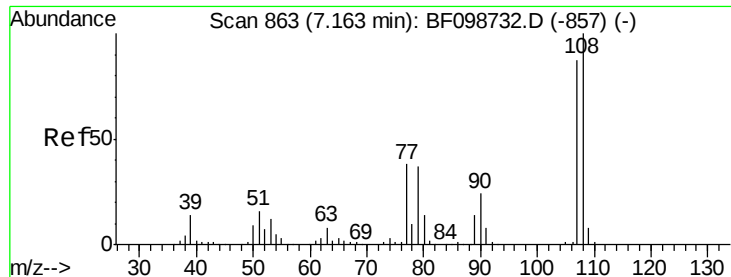
Instrument :
BNA_F
ClientSampled :



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.19 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion: 45 Resp: 457291
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.9
79 13.8 0.0 29.6

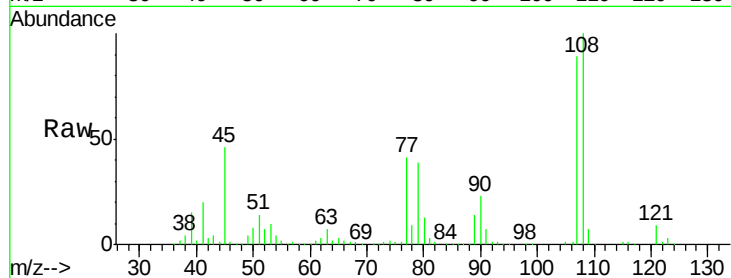




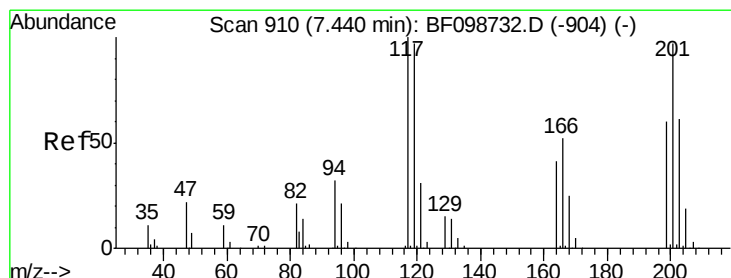
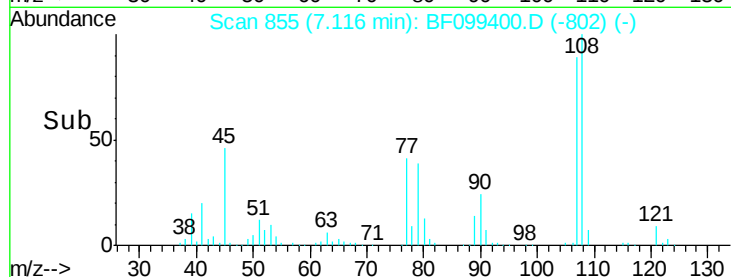
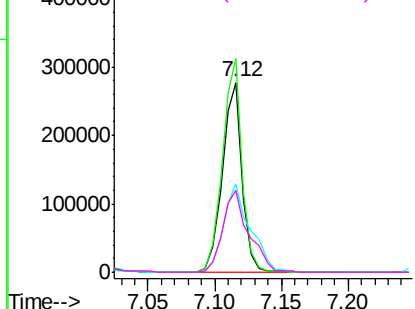
#17
2-Methylphenol
Concen: 41.26 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 289060
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 46.7 33.8 50.8
79 43.4 33.8 50.8

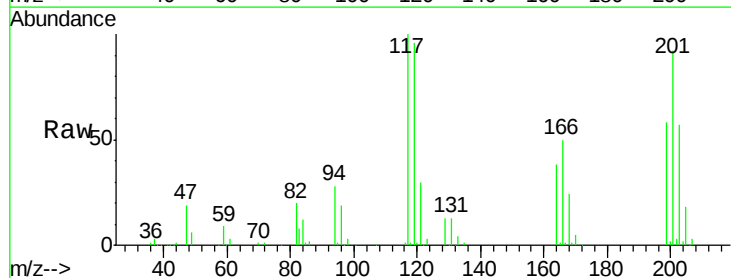


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

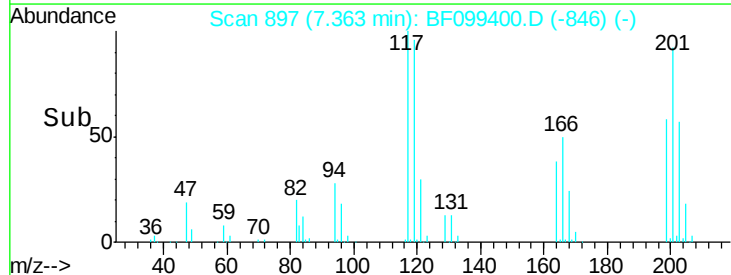
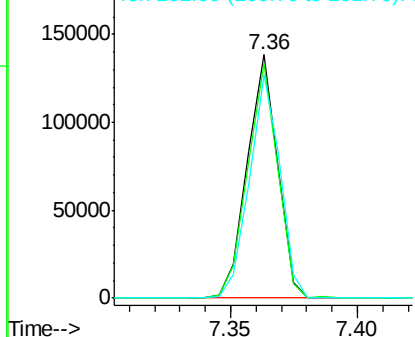


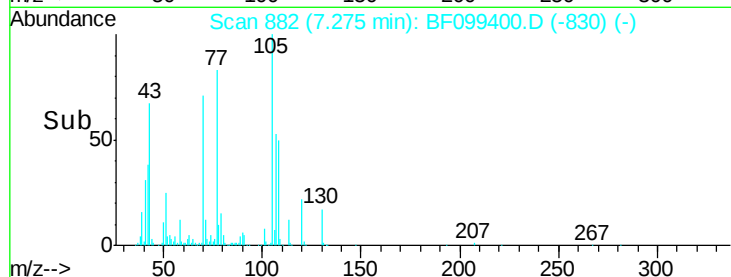
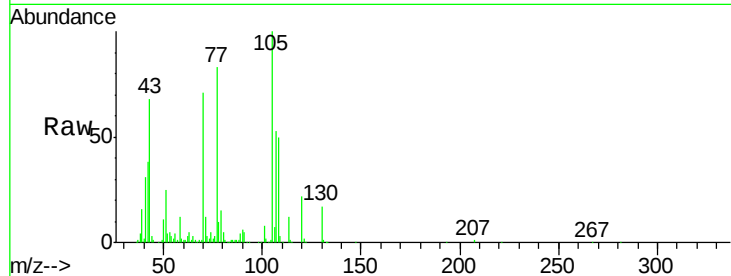
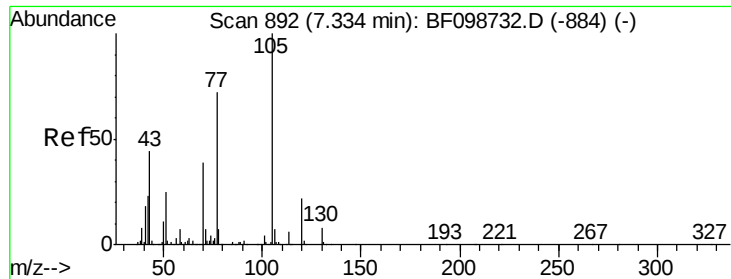
#18
Hexachloroethane
Concen: 35.24 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:117 Resp: 115568
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 91.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

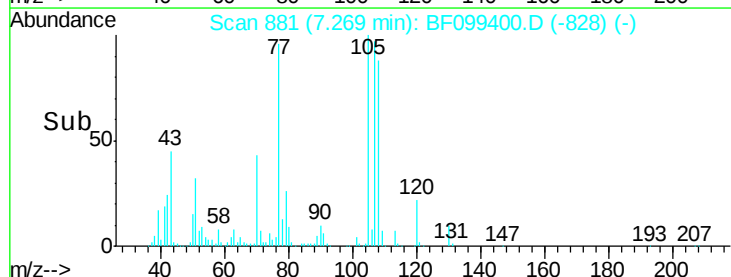
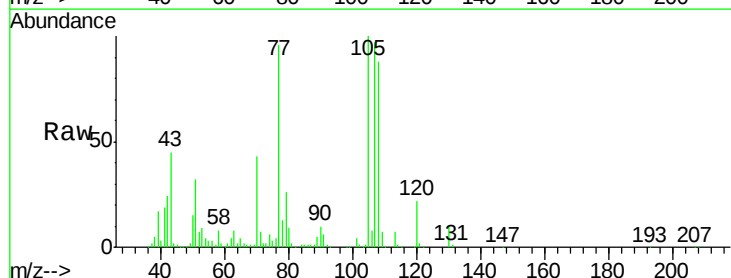
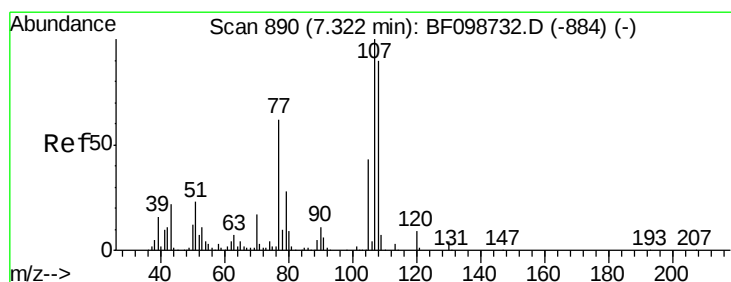
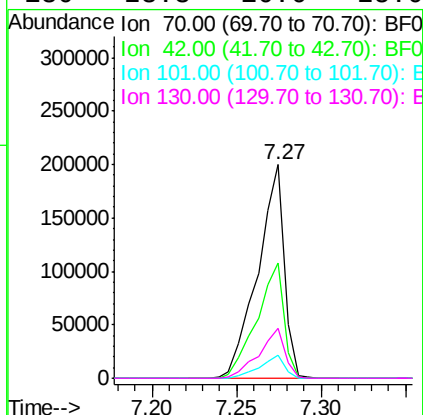




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

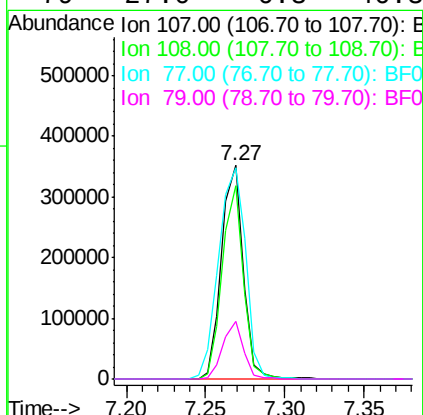
Instrument :
BNA_F
ClientSampleId :

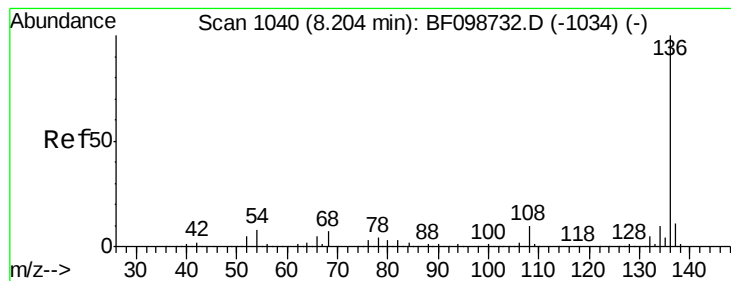
Tot Ion:	70	Resp:	218550
Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	10.6	7.4	11.2
130	23.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.93 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:	107	Resp:	336187
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	98.8	26.7	66.7#
79	27.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 481416

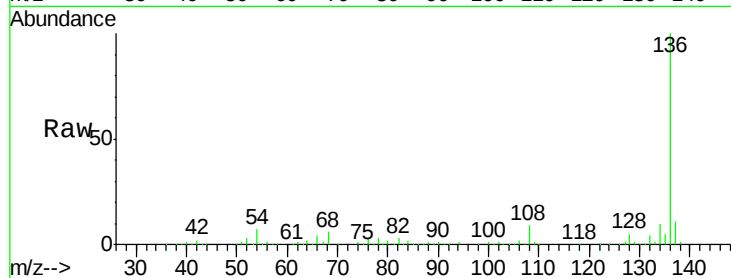
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

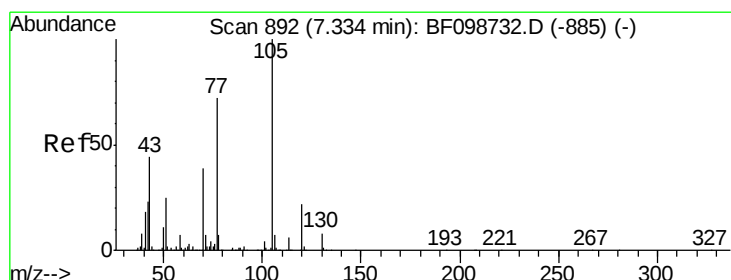
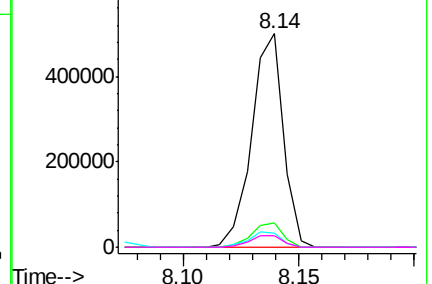
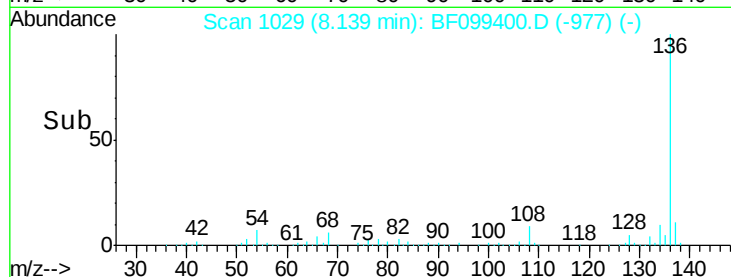


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.93 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Tgt Ion:105 Resp: 454078

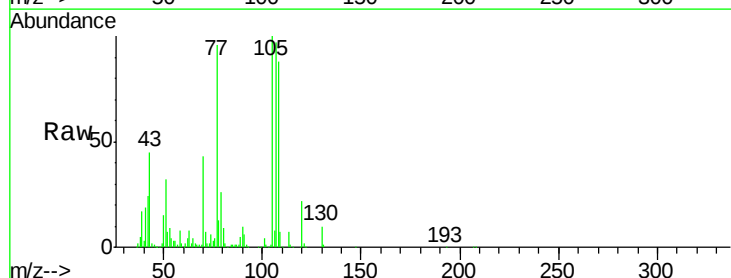
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 32.1 22.3 33.5

120 21.8 16.9 25.3

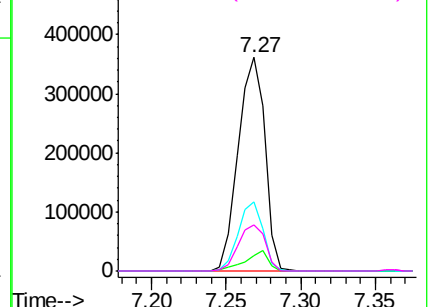
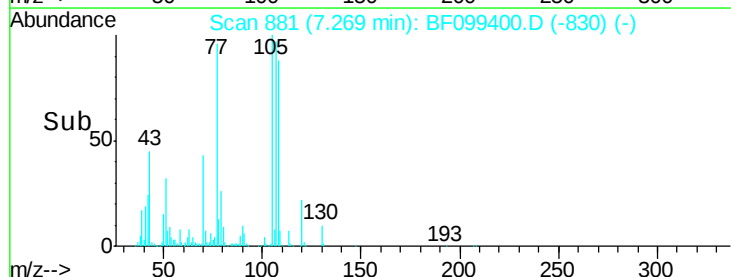


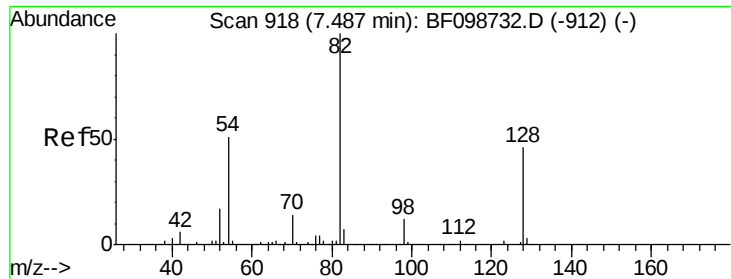
Abundance Ion 105.00 (104.70 to 105.70): E

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

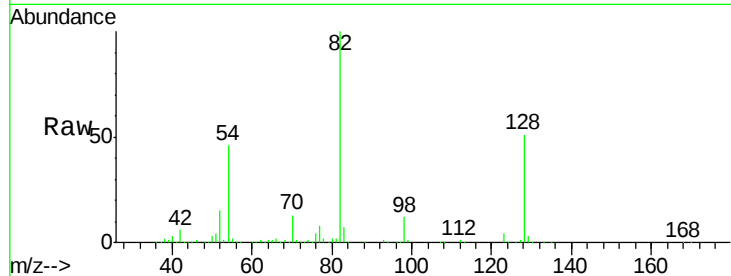




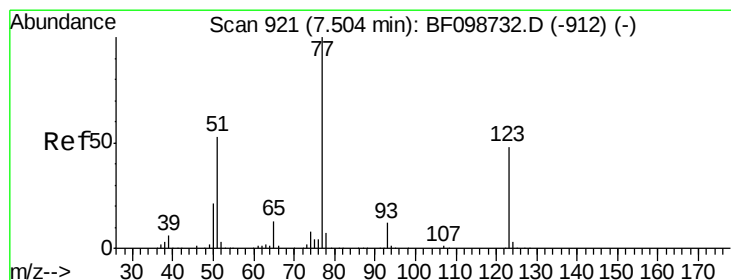
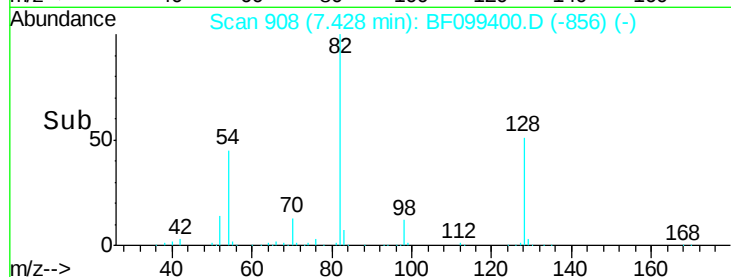
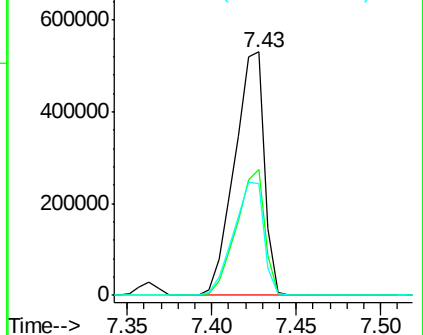
#23
 Nitrobenzene-d5
 Concen: 86.88 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	652175
Ion Ratio	Lower	Upper	
82	100		
128	51.4	36.1	54.1
54	45.9	41.4	62.2

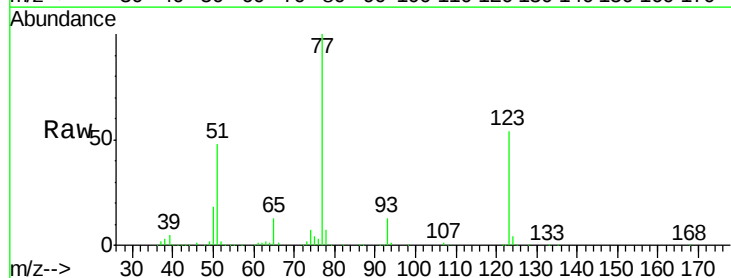


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

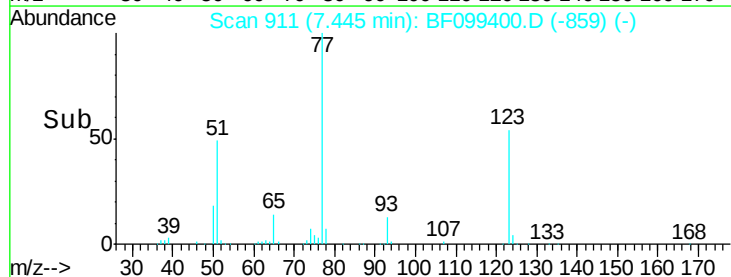
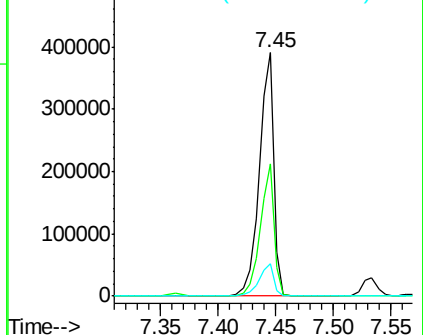


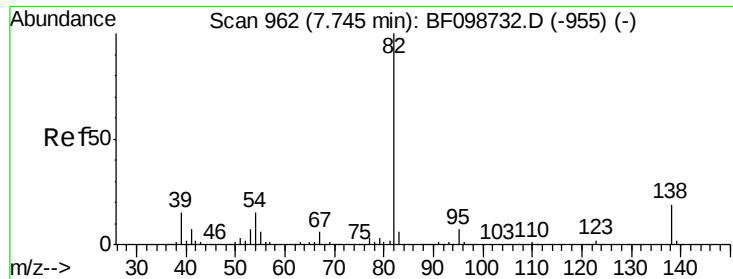
#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion	77	Resp	343914
Ion Ratio	Lower	Upper	
77	100		
123	54.4	37.9	56.9
65	13.2	11.0	16.4



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

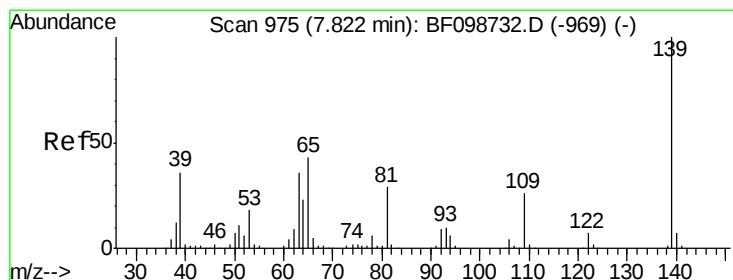
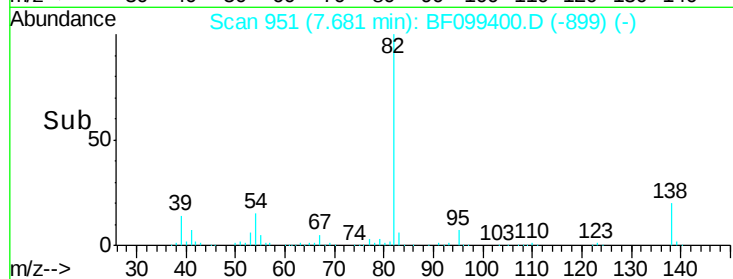
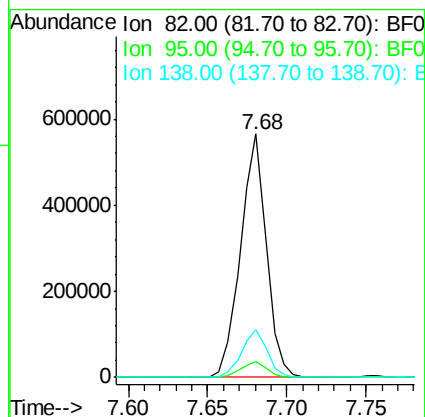
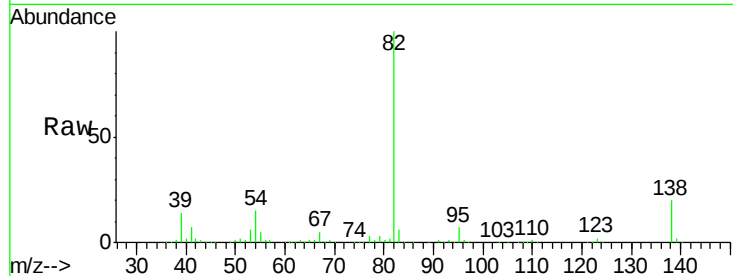




#25
Isophorone
Concen: 40.99 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

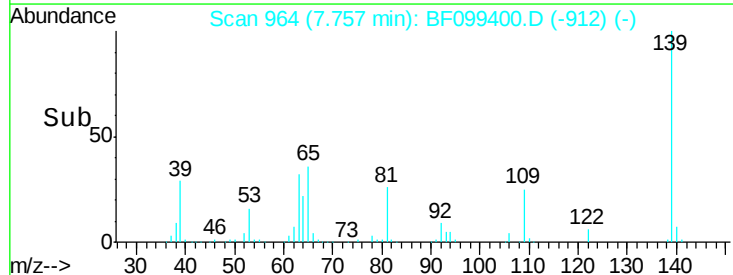
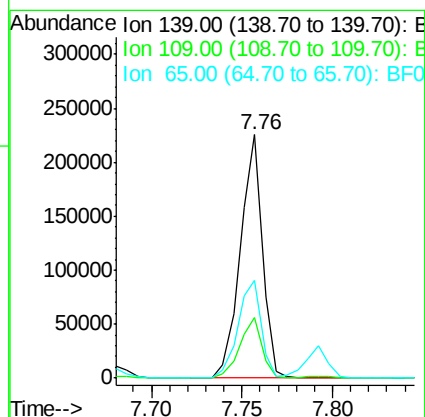
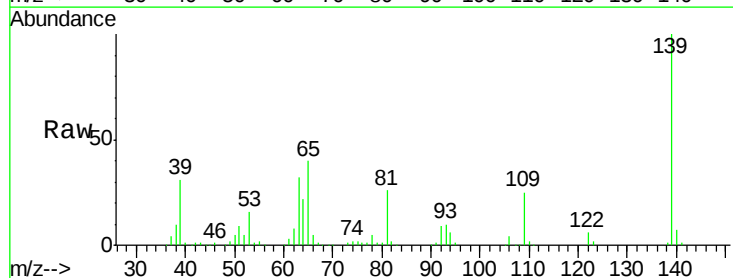
Instrument :
BNA_F
ClientSampleId :

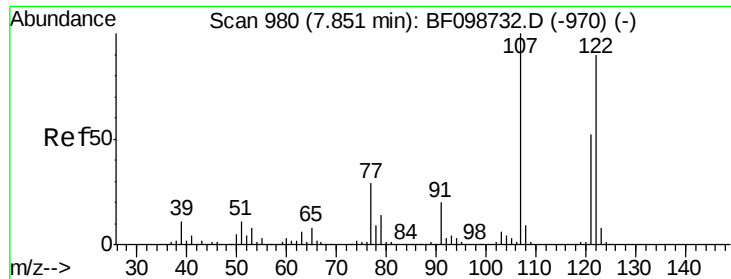
Tot Ion: 82 Resp: 636197
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.8 14.9 22.3



#26
2-Nitrophenol
Concen: 46.67 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion: 139 Resp: 191126
Ion Ratio Lower Upper
139 100
109 25.1 22.7 34.1
65 40.3 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 39.20 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

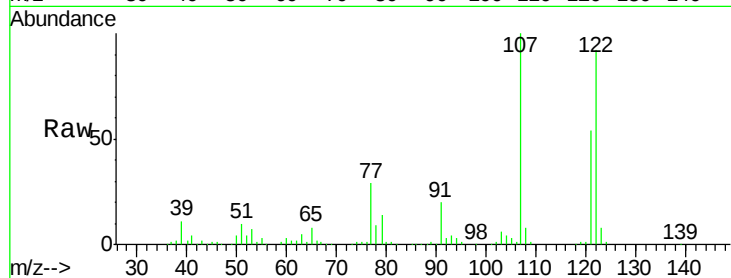
Tot Ion:122 Resp: 303182

Ion Ratio Lower Upper

122 100

107 108.2 91.2 136.8

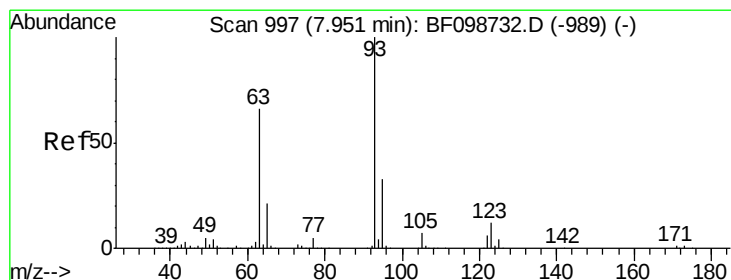
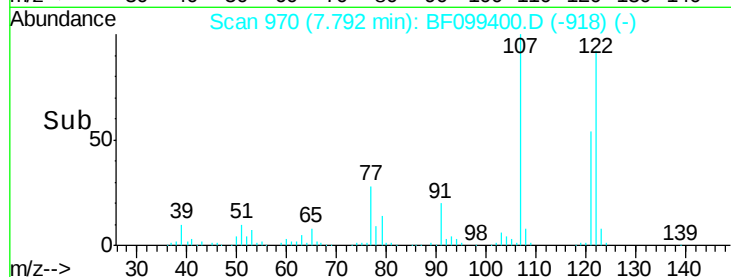
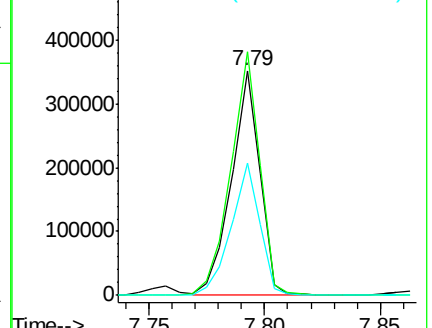
121 58.9 47.2 70.8



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: 43.17 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

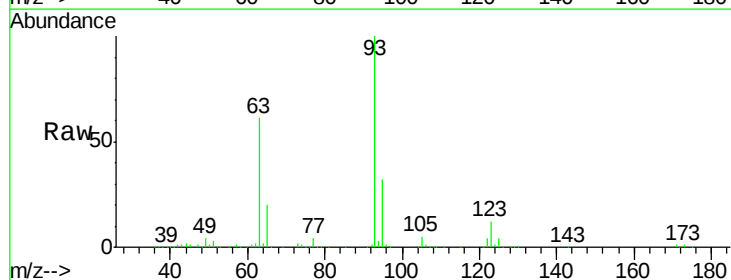
Tgt Ion: 93 Resp: 417592

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

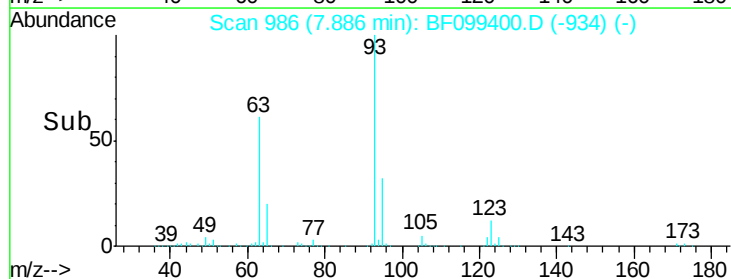
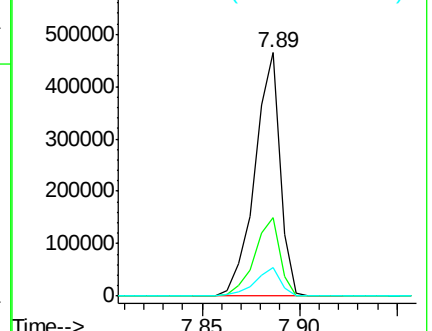
123 11.8 9.8 14.6

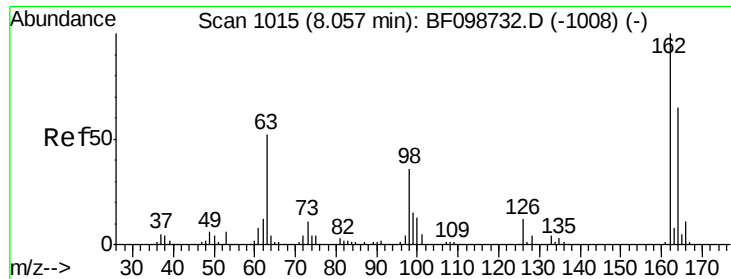


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

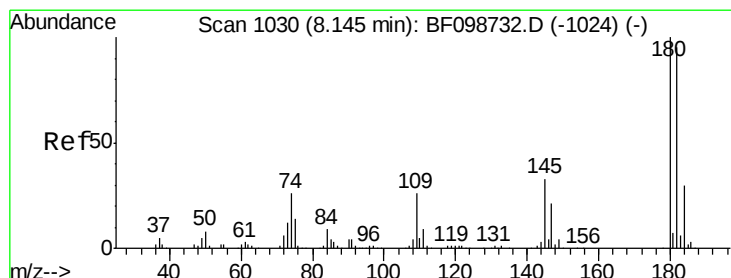
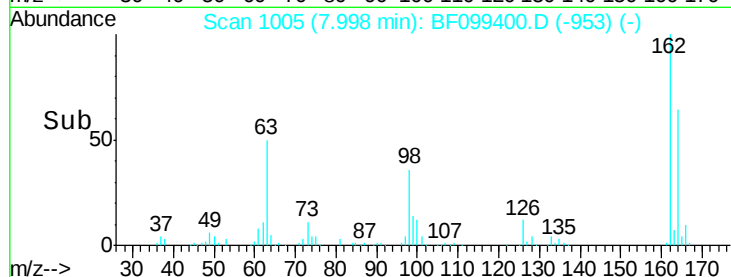
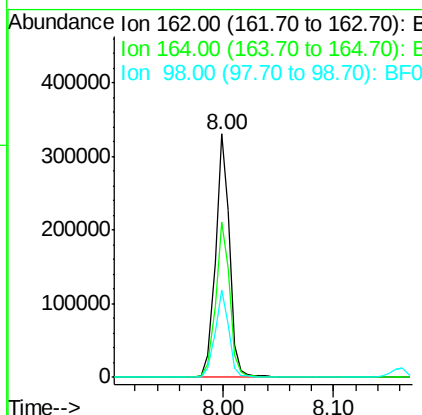
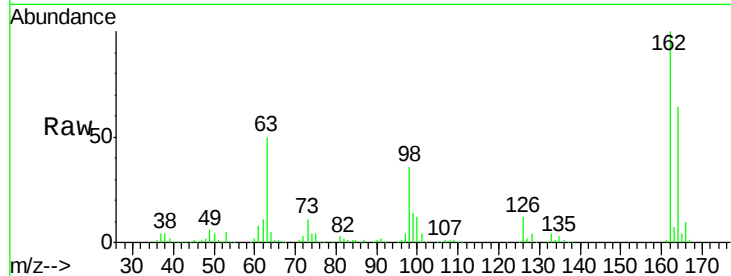




#29
 2,4-Dichlorophenol
 Concen: 43.30 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

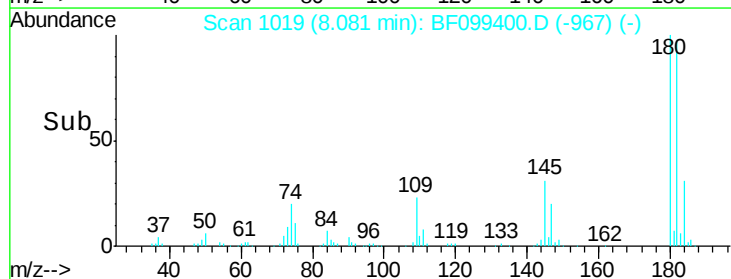
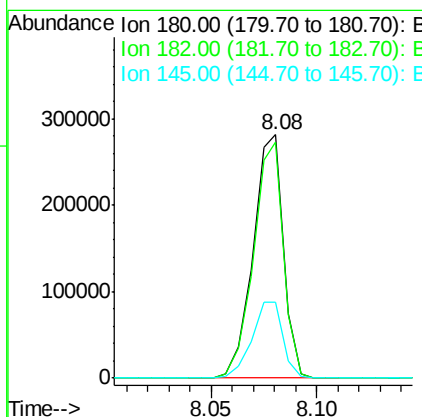
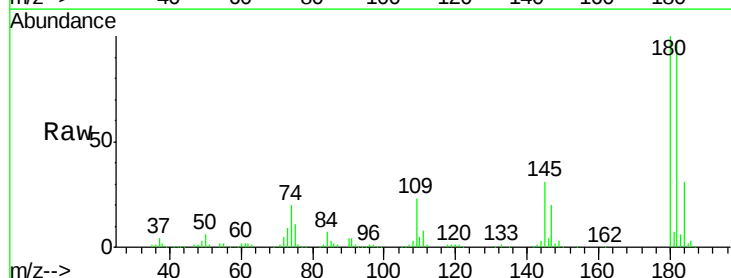
Instrument :
 BNA_F
 ClientSampled :

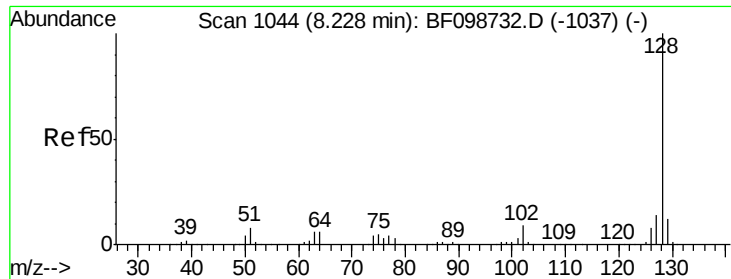
Tot Ion:162 Resp: 287530
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 36.1 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.32 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:180 Resp: 281007
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.8 115.2
 145 31.4 26.5 39.7

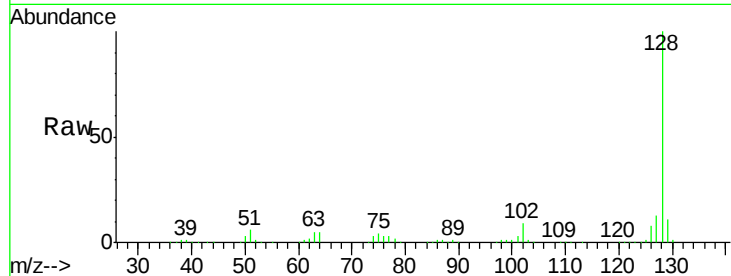




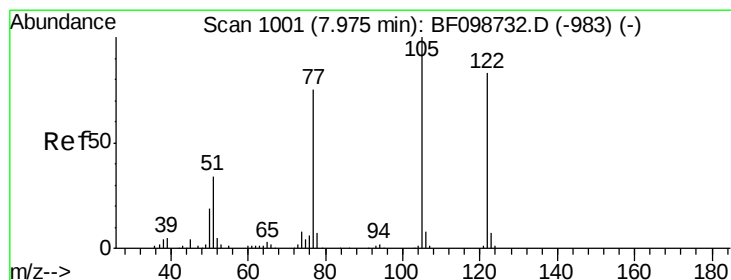
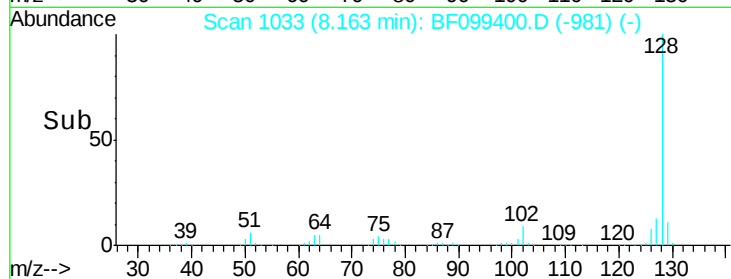
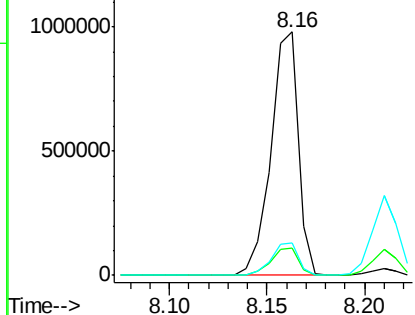
#31
Naphthalene
Concen: 42.17 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 953563
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

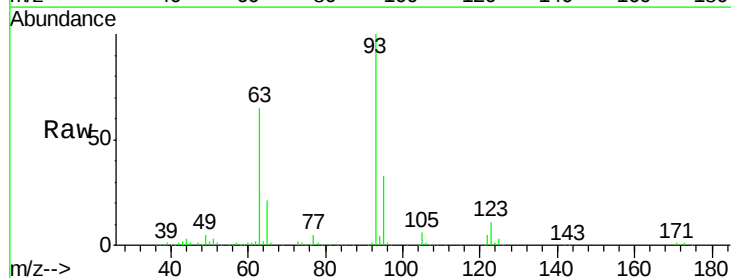


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

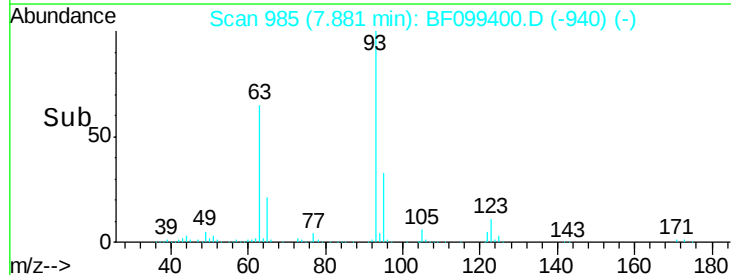
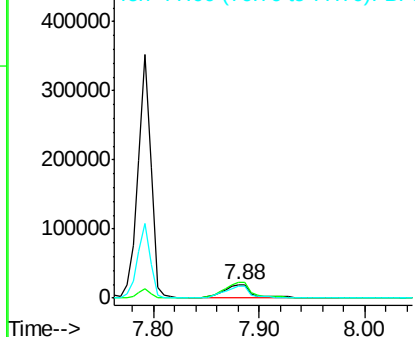


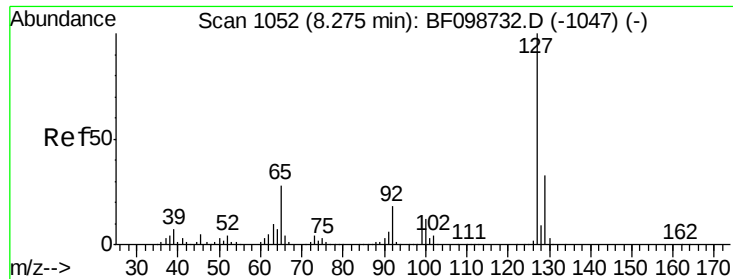
#32
Benzoic acid
Concen: 5.63 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:122 Resp: 35760
Ion Ratio Lower Upper
122 100
105 116.3 101.1 141.1
77 84.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

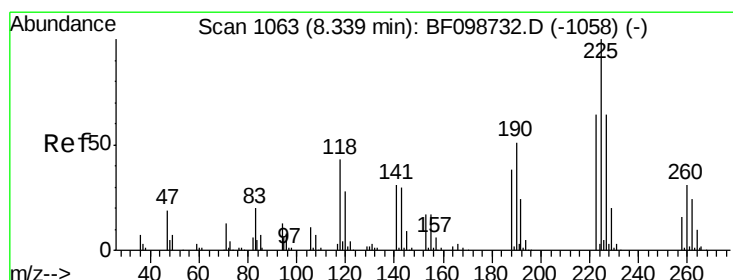
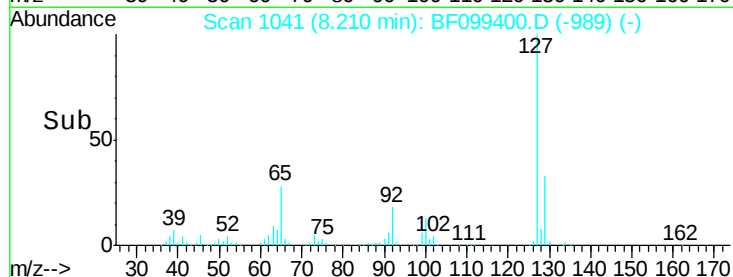
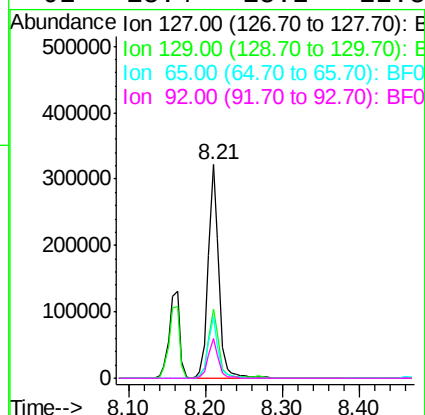
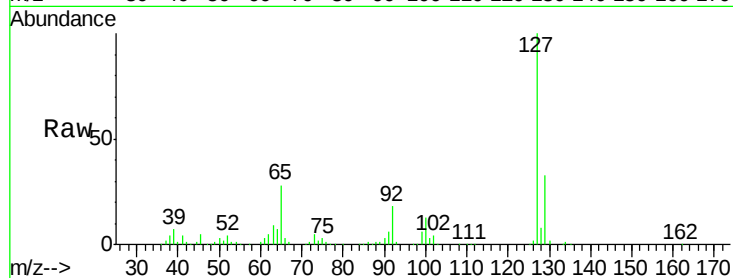




#33
4-Chloroaniline
Concen: 32.78 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

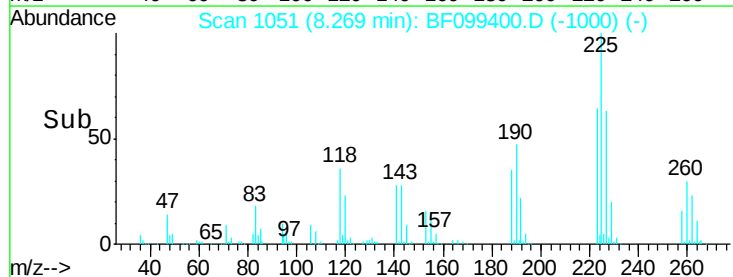
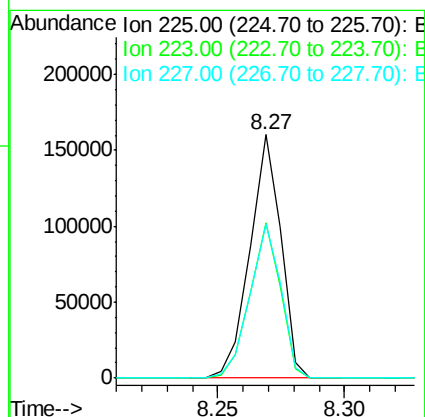
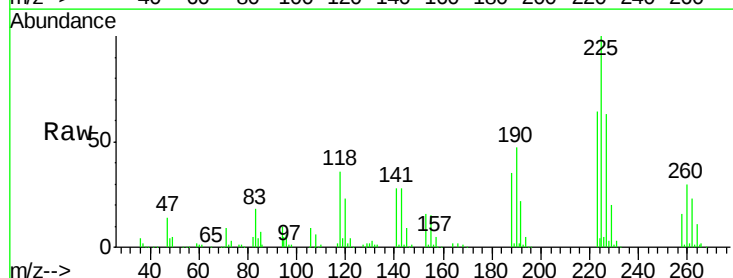
Instrument :
BNA_F
ClientSampled :

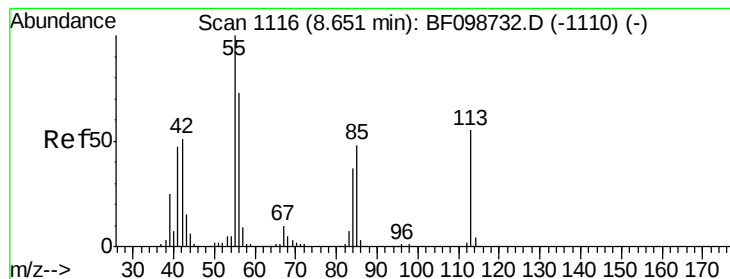
Tot Ion:	127	Resp:	309469
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.5	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.76 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:	225	Resp:	136009
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.5	51.9	77.9





#35

Caprolactam

Concen: 29.94 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

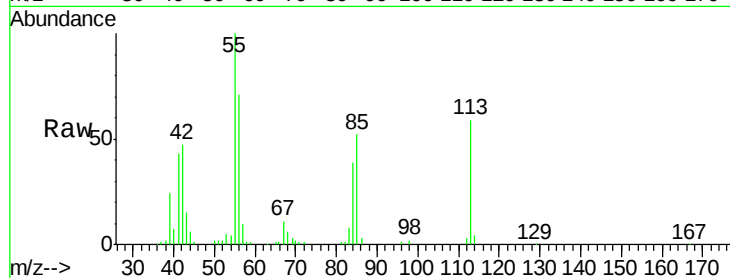
Tot Ion:113 Resp: 63760

Ion Ratio Lower Upper

113 100

55 168.8 163.3 203.3

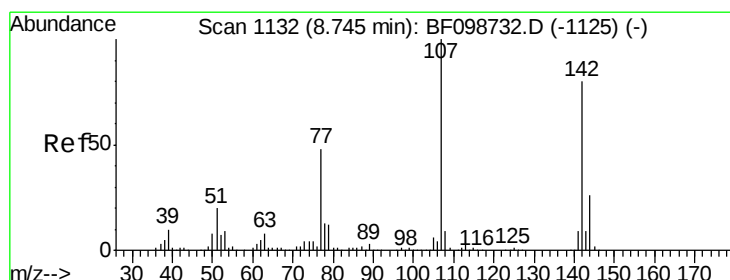
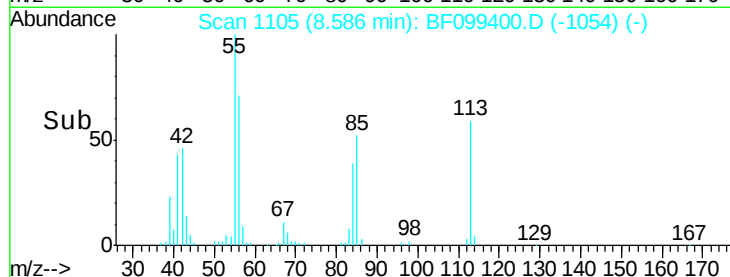
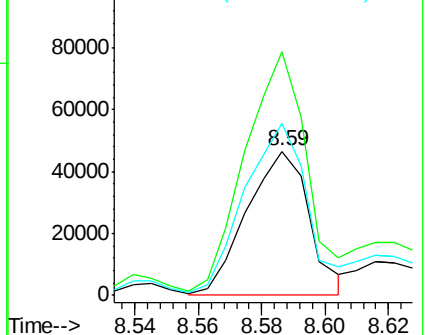
56 119.1 115.7 155.7



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: 38.49 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

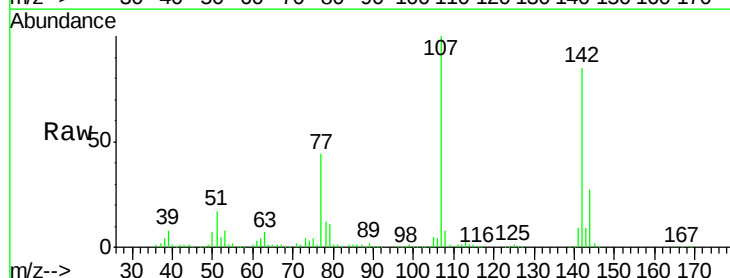
Tgt Ion:107 Resp: 287224

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

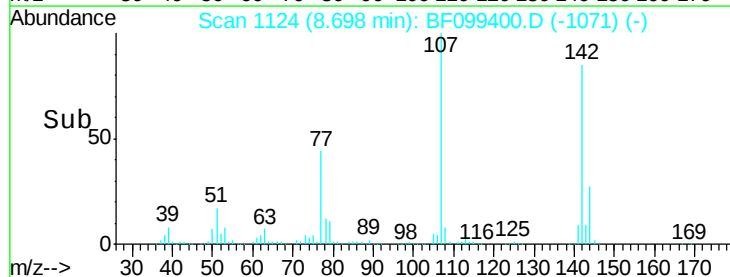
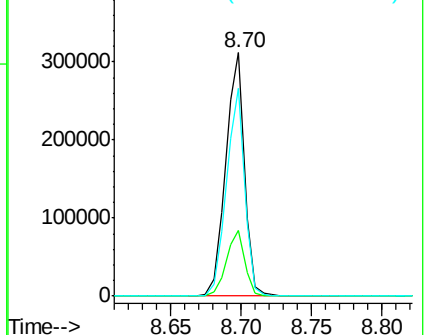
142 85.1 62.0 93.0

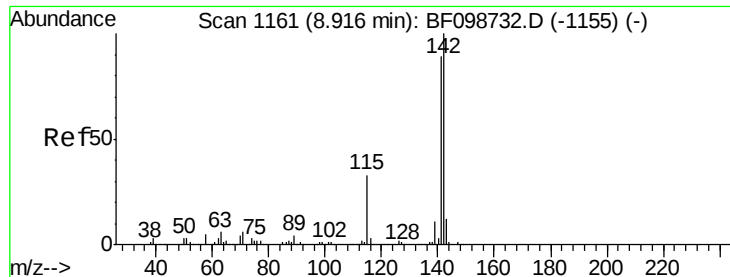


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

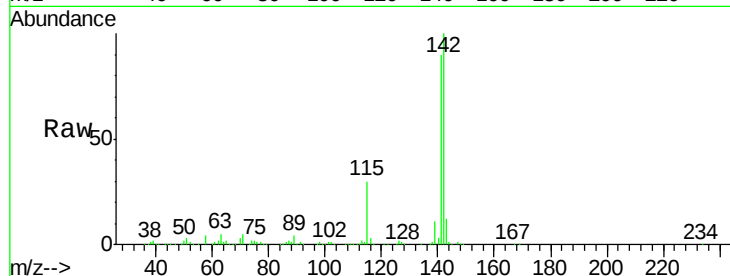




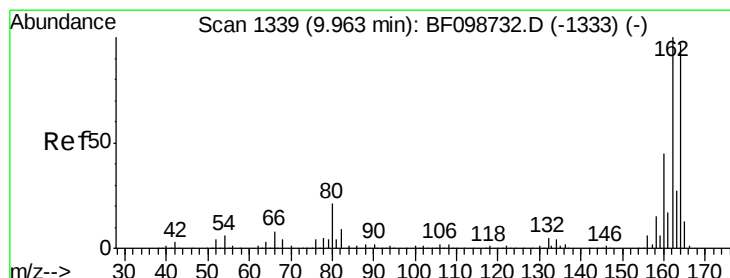
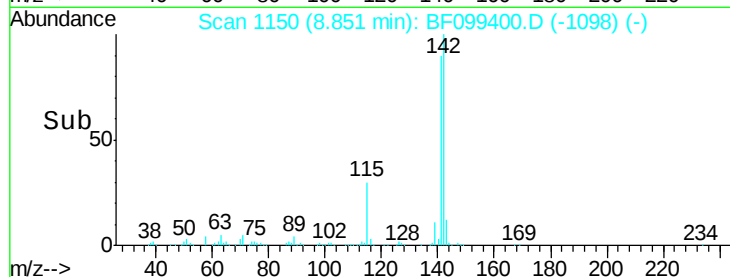
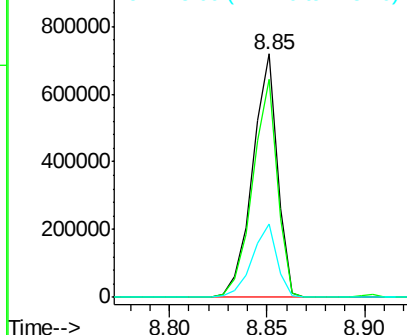
#37
2-Methylnaphthalene
Concen: 43.21 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	30.2	26.1	39.1

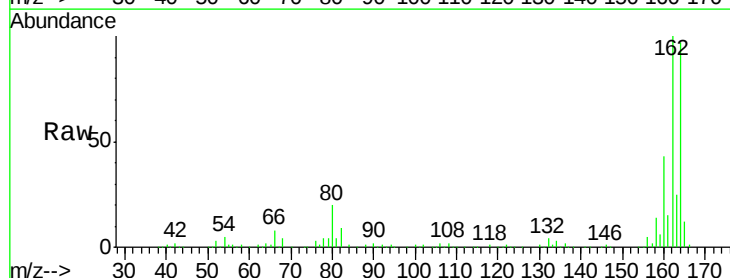


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

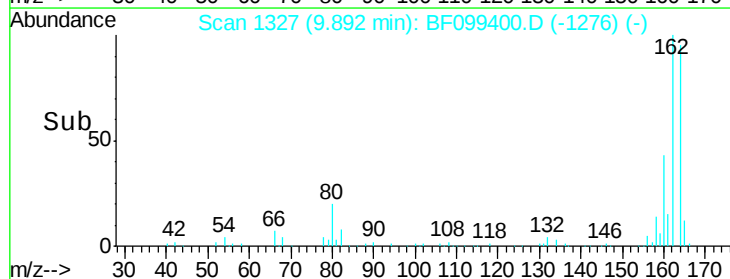
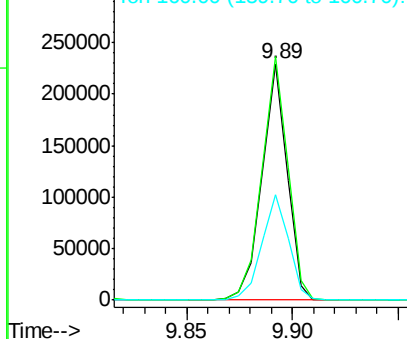


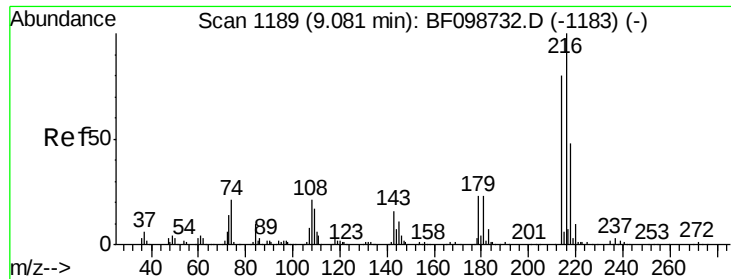
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.70 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 244650

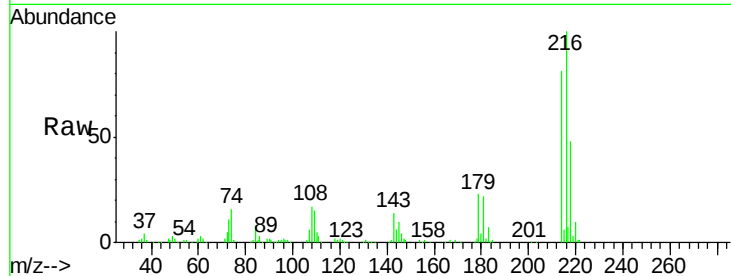
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 22.9 18.1 27.1

108 18.4 17.2 25.8

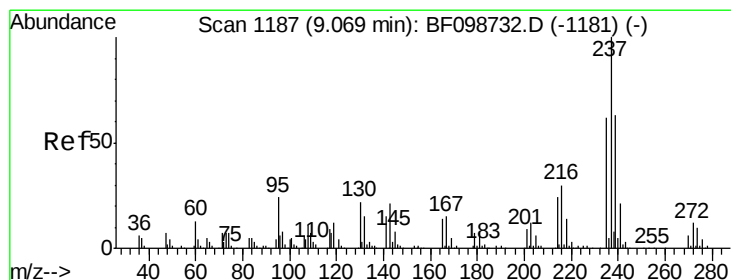
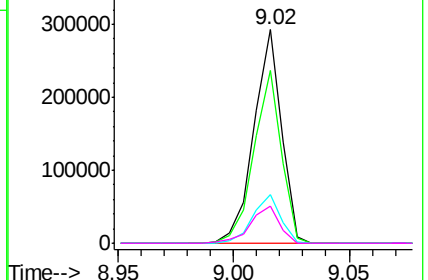
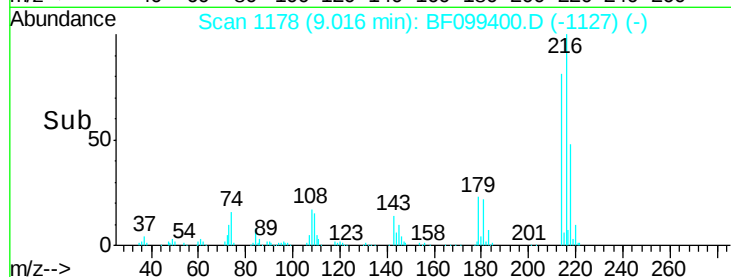


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.60 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

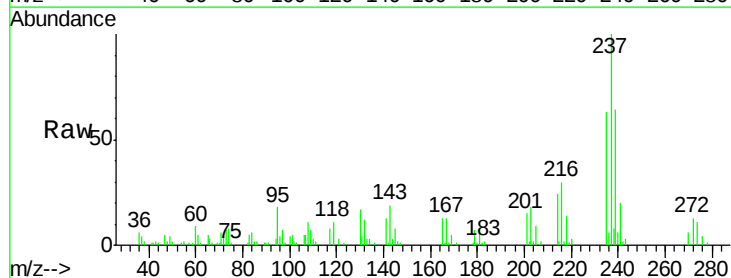
Tgt Ion:237 Resp: 38224

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

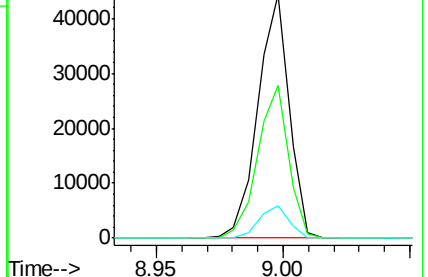
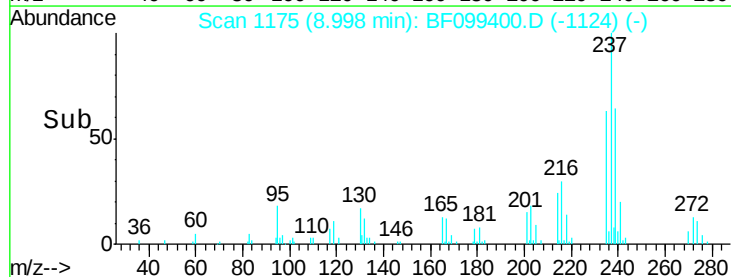
272 13.3 0.0 33.3

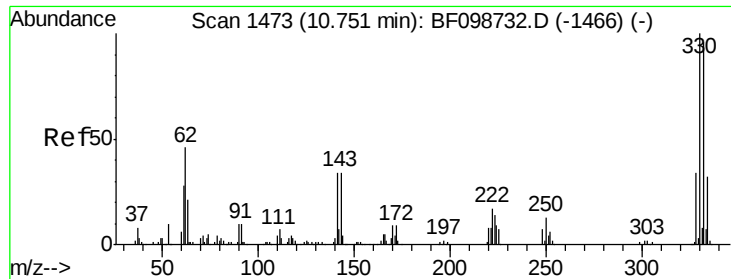


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

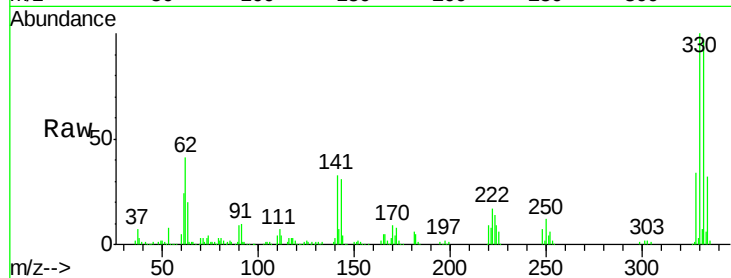




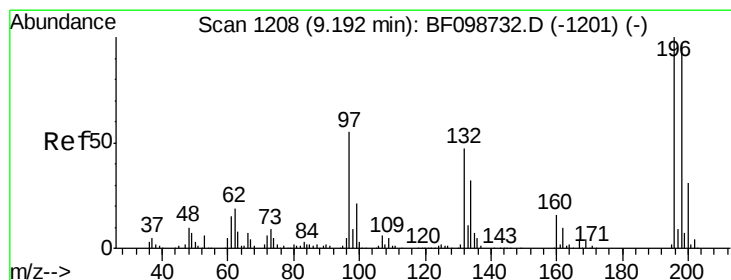
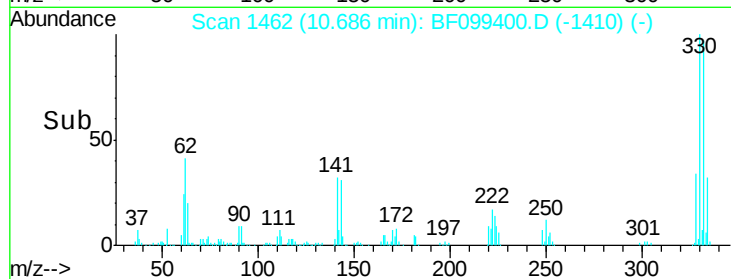
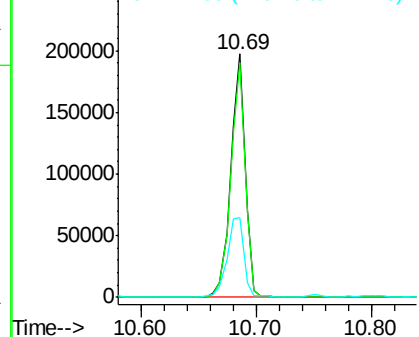
#41
 2,4,6-Tribromophenol
 Concen: 109.12 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 171517
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.3 29.9 44.9

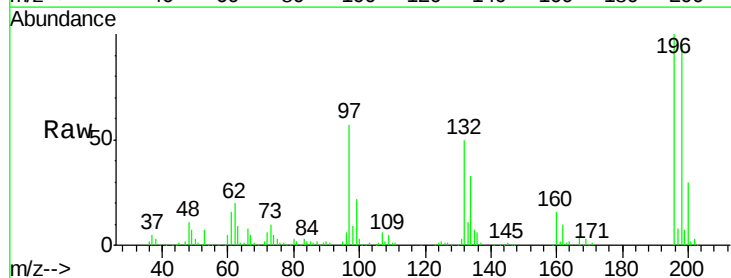


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

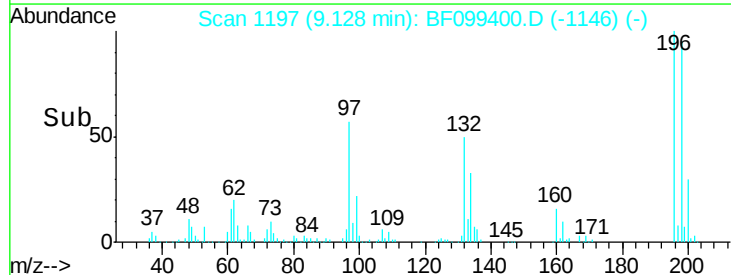
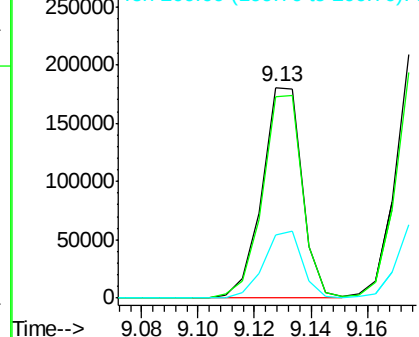


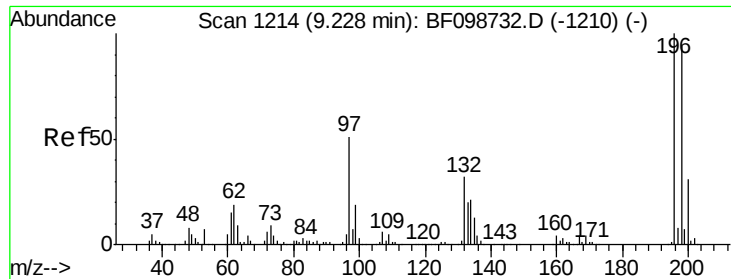
#42
 2,4,6-Trichlorophenol
 Concen: 43.73 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:196 Resp: 177484
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 29.8 24.5 36.7



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

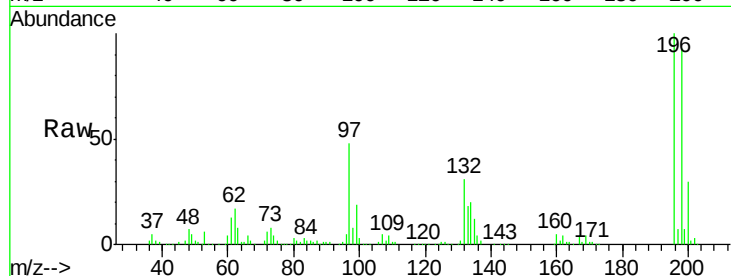




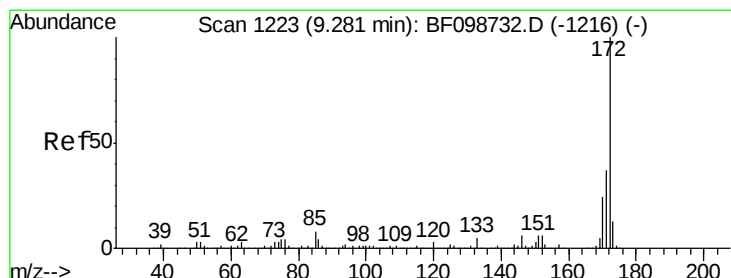
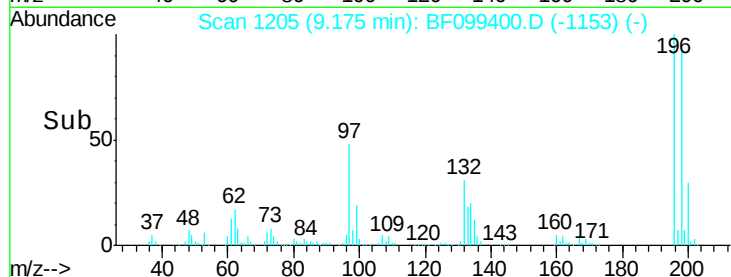
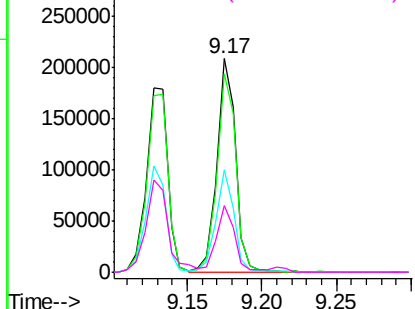
#43
 2,4,5-Trichlorophenol
 Concen: 45.36 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.6	112.0
97	47.9	42.9	64.3
132	31.0	26.3	39.5

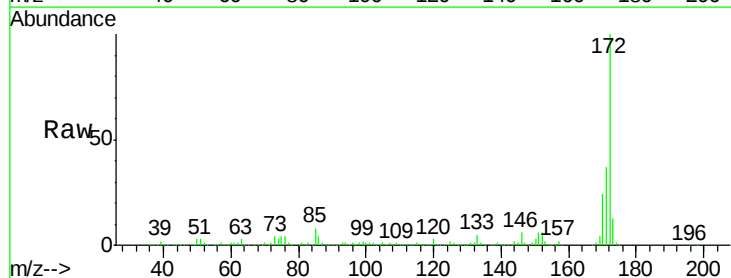


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

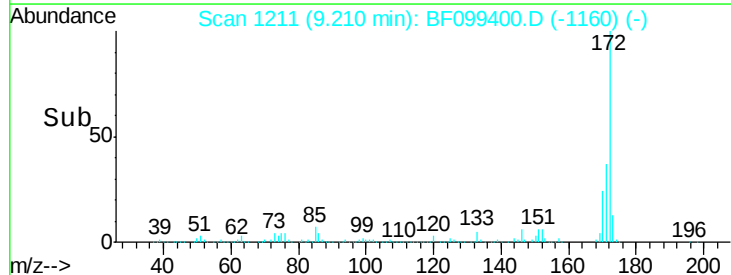
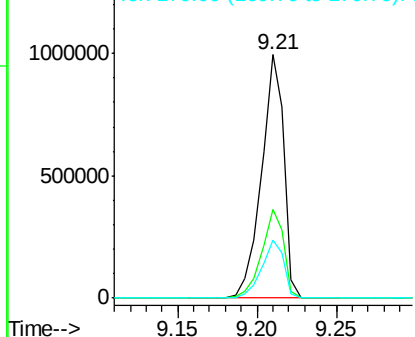


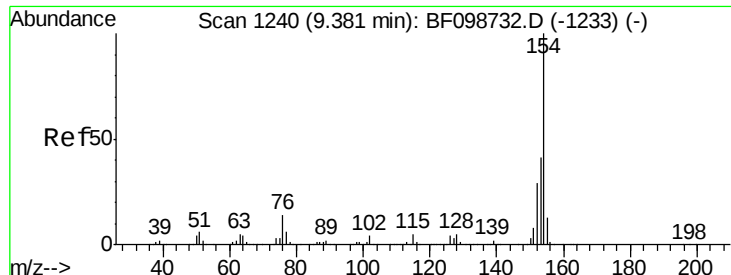
#44
 2-Fluorobiphenyl
 Concen: 85.26 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 42.65 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

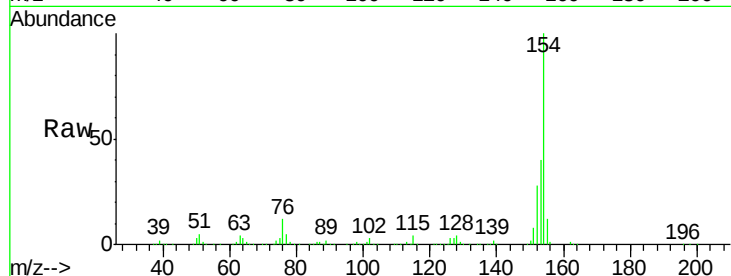
Tot Ion:154 Resp: 704136

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

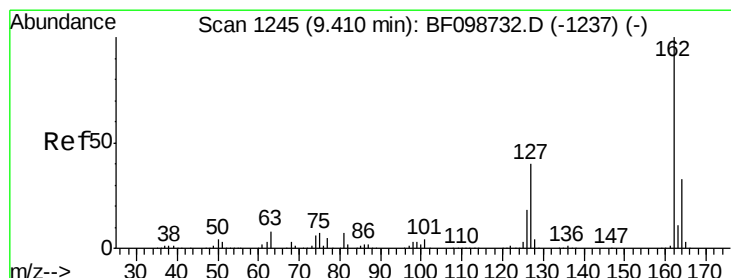
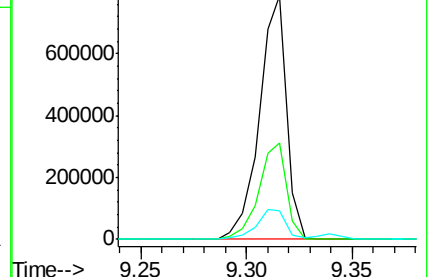
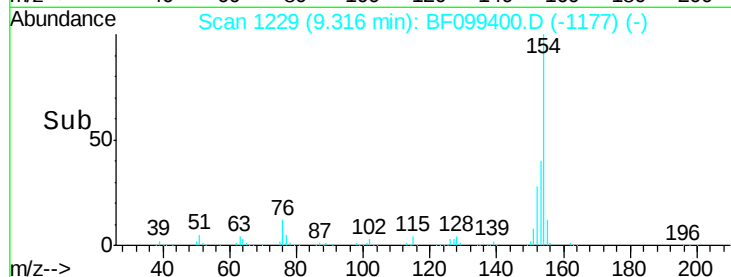
76 11.6 0.0 34.0



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: 43.95 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

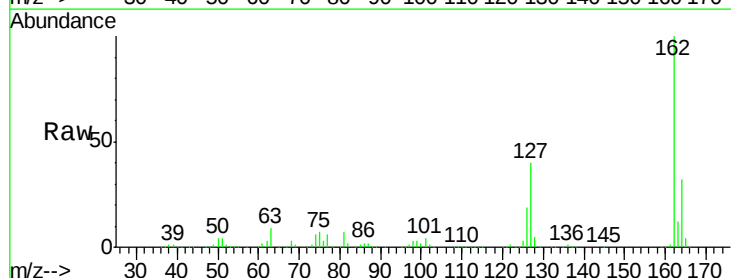
Tgt Ion:162 Resp: 544802

Ion Ratio Lower Upper

162 100

127 39.7 33.9 50.9

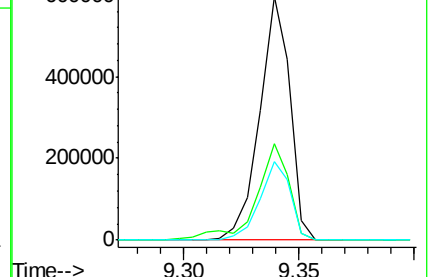
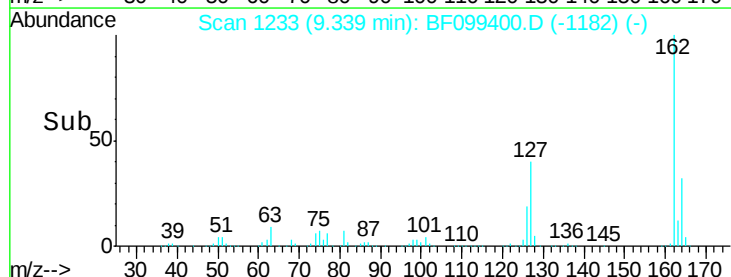
164 32.5 26.5 39.7

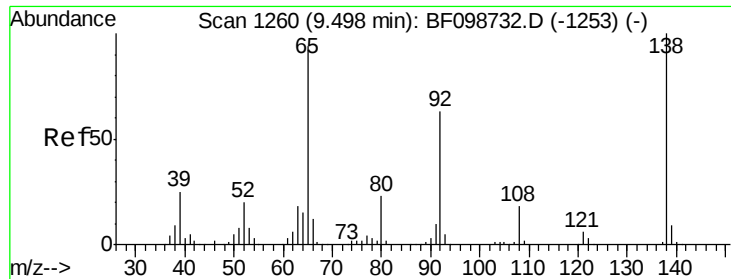


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

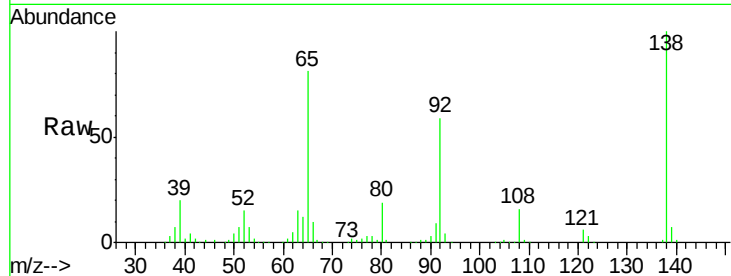




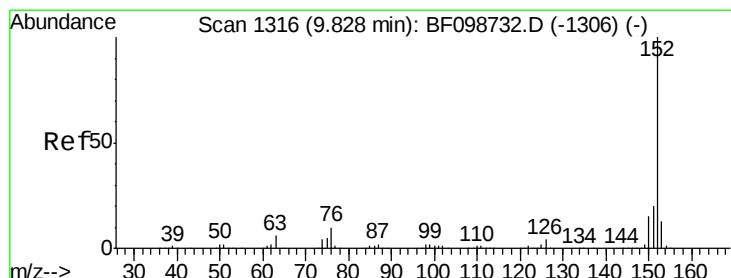
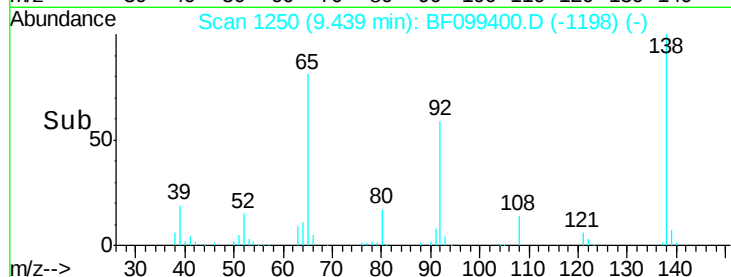
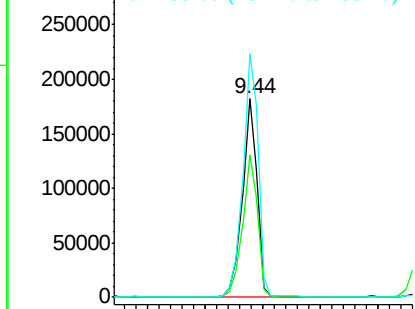
#47
2-Nitroaniline
Concen: 42.74 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 162204
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 122.7 91.2 136.8

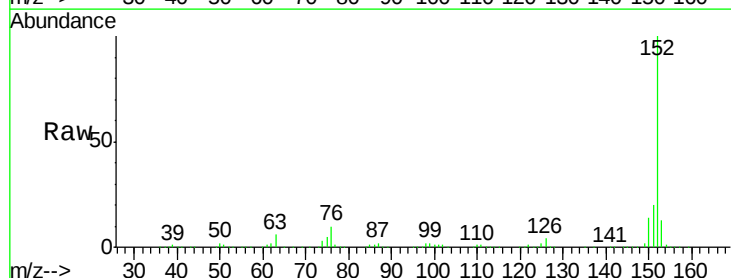


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

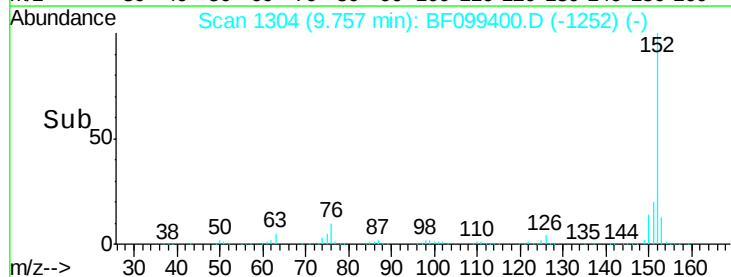
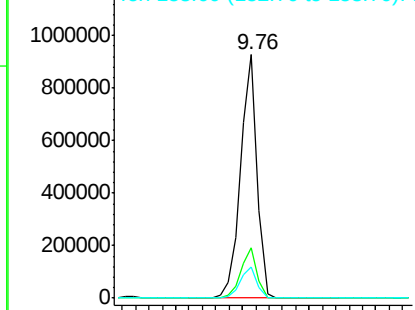


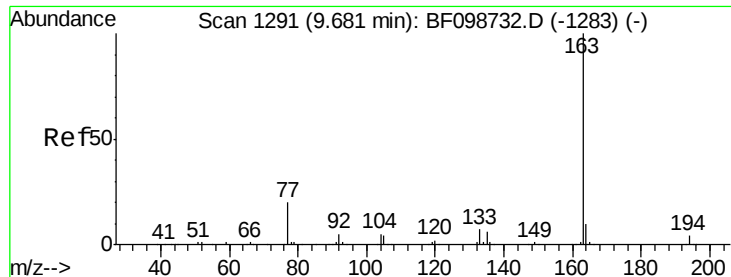
#48
Acenaphthylene
Concen: 42.13 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:152 Resp: 799514
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.8 10.7 16.1



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

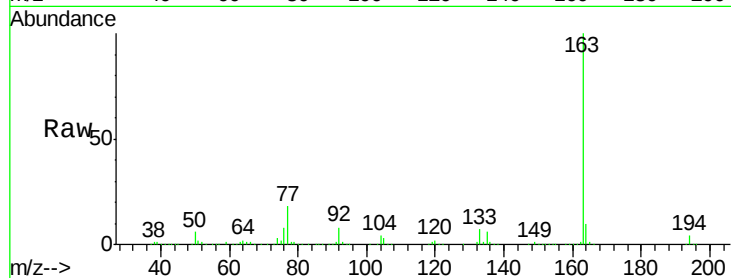




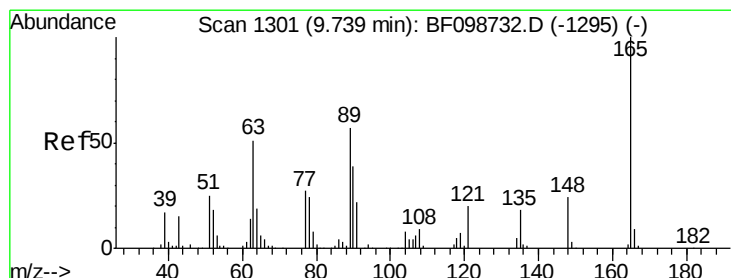
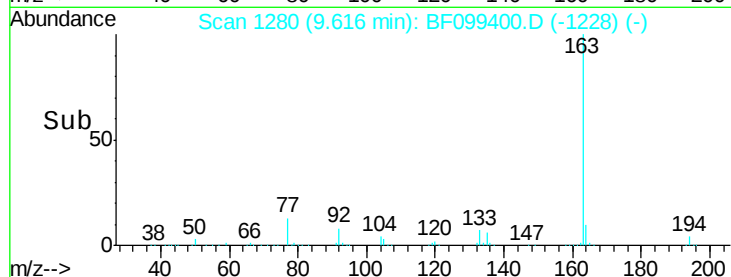
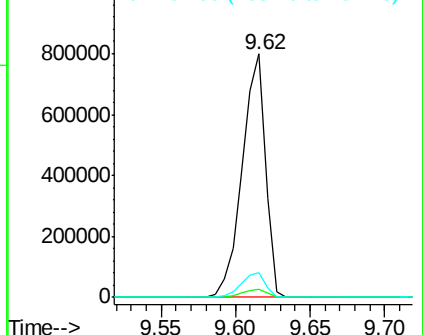
#49
Dimethylphthalate
Concen: 59.69 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 865425
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

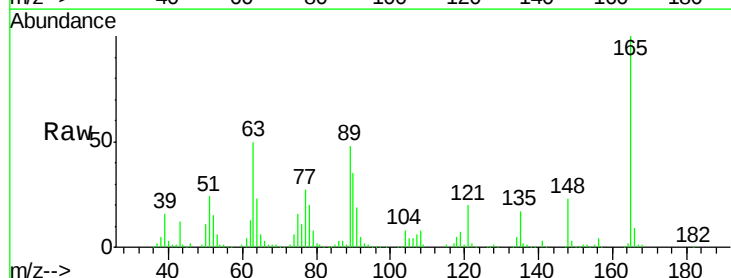


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

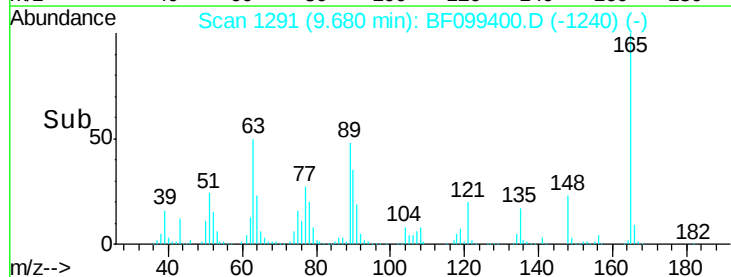
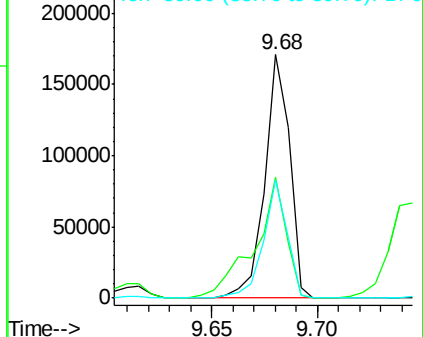


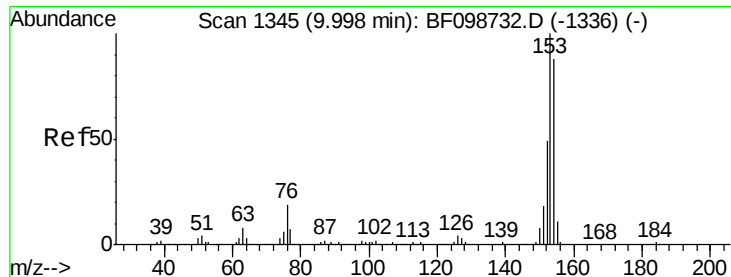
#50
2,6-Dinitrotoluene
Concen: 44.34 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:165 Resp: 139962
Ion Ratio Lower Upper
165 100
63 49.8 44.7 67.1
89 48.4 44.0 66.0



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





#51

Acenaphthene

Concen: 39.50 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

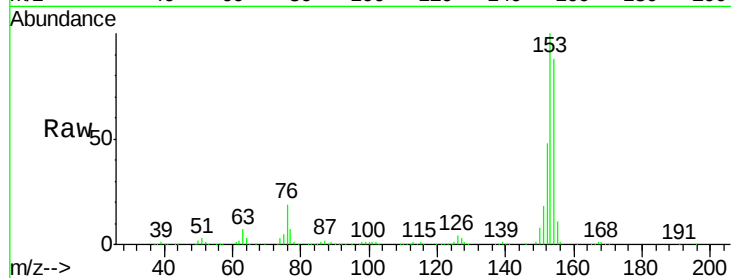
Tot Ion:154 Resp: 474856

Ion Ratio Lower Upper

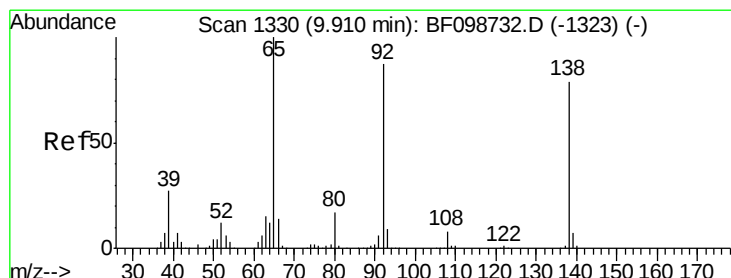
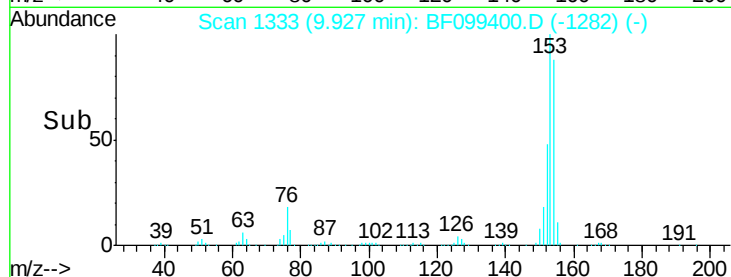
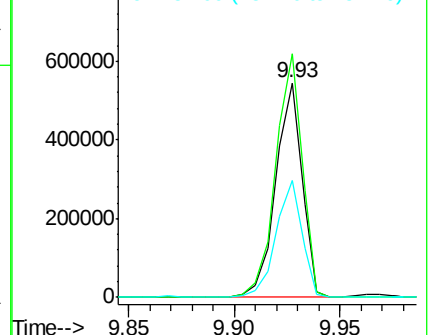
154 100

153 113.5 91.2 136.8

152 54.4 43.8 65.8



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: 38.60 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

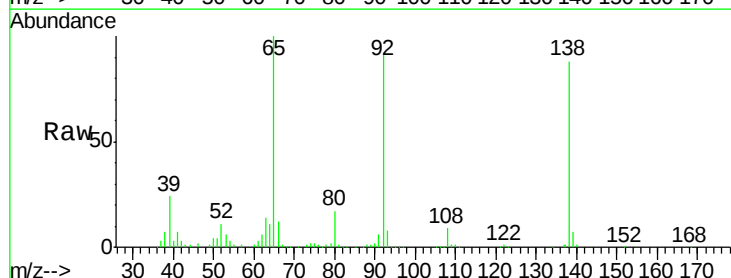
Tgt Ion:138 Resp: 142056

Ion Ratio Lower Upper

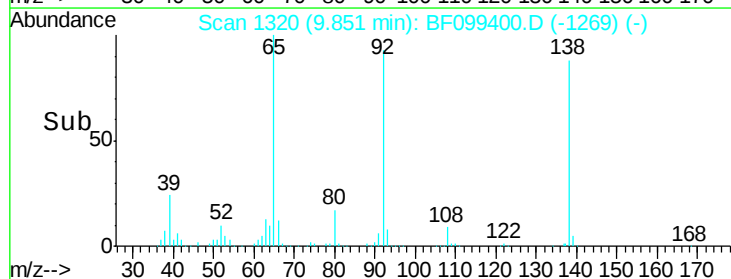
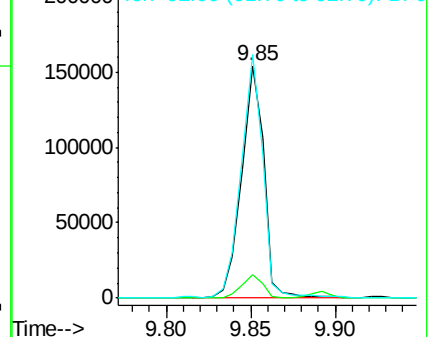
138 100

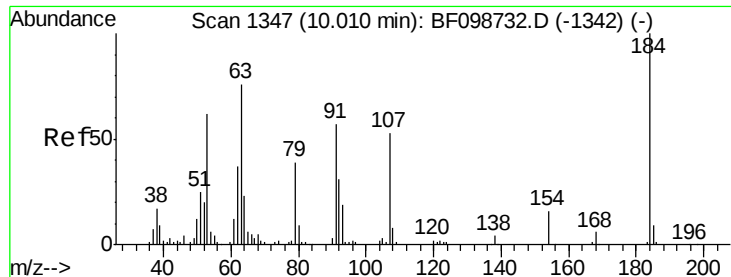
108 10.2 9.4 14.0

92 104.6 89.4 134.2



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

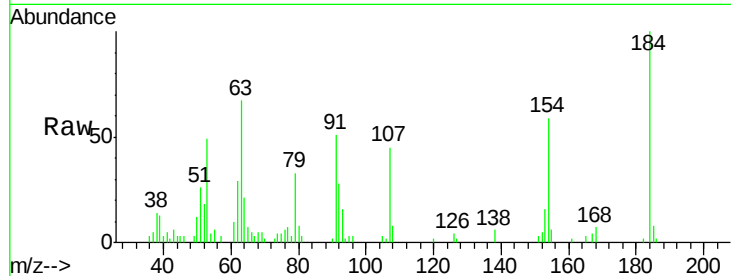




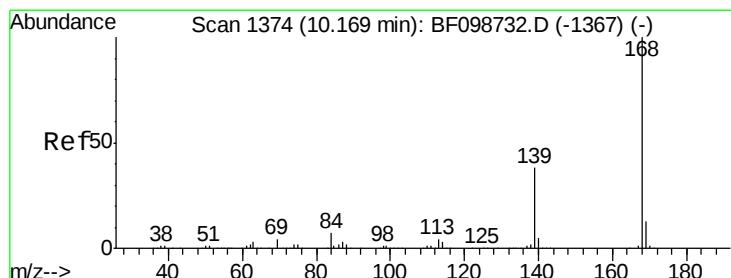
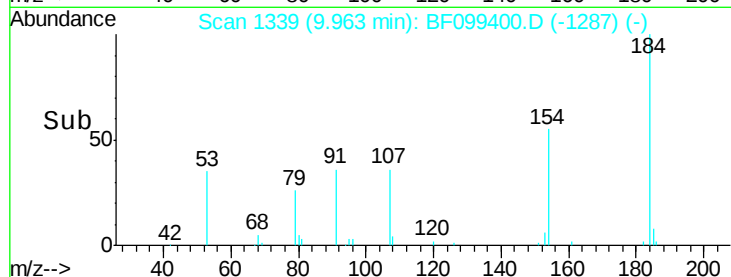
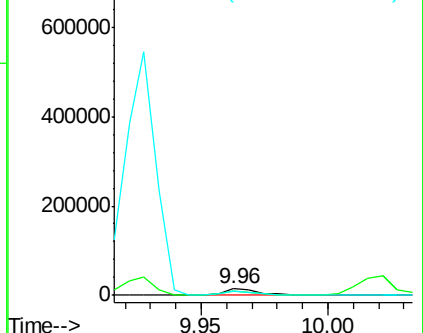
#53
2,4-Dinitrophenol
Concen: 14.01 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 14496
Ion Ratio Lower Upper
184 100
63 66.8 54.2 81.2
154 59.0 53.5 80.3

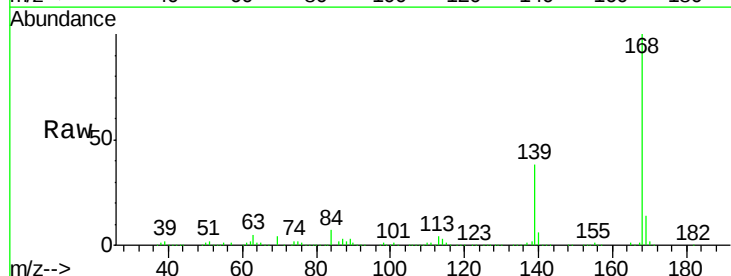


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

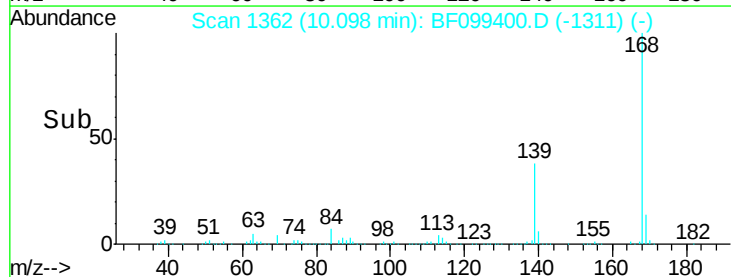
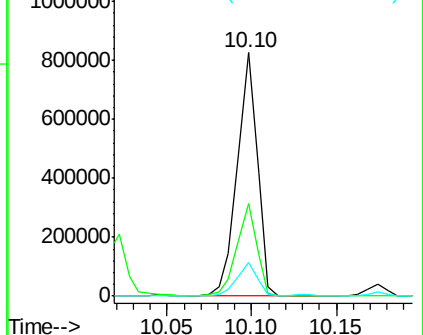


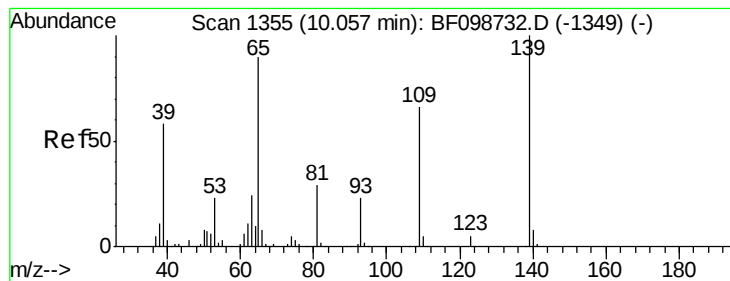
#54
Dibenzofuran
Concen: 42.83 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:168 Resp: 685533
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 61.67 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampled :

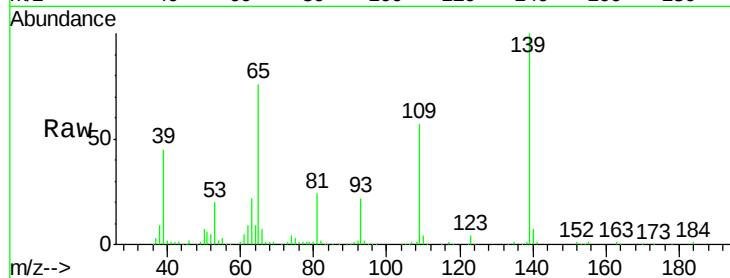
Tot Ion:139 Resp: 191928

Ion Ratio Lower Upper

139 100

109 56.9 48.4 88.4

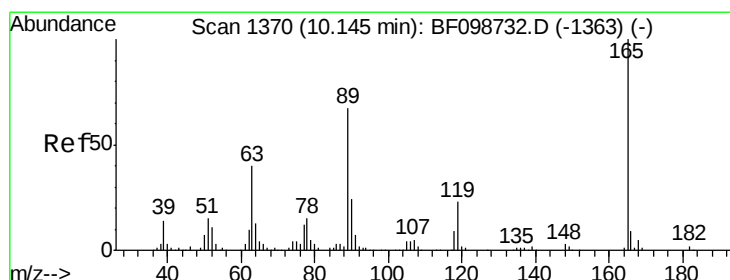
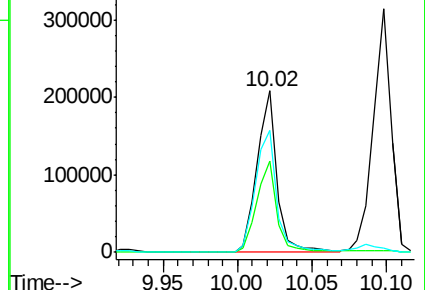
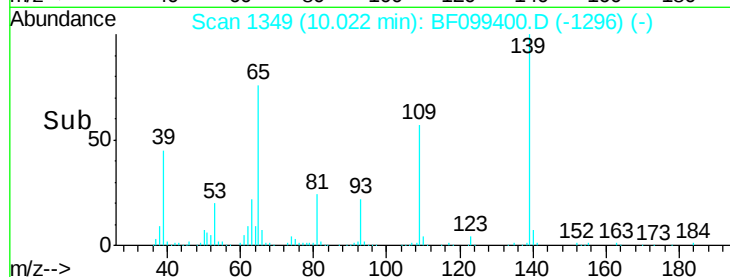
65 75.7 72.6 112.6



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: 39.45 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Tgt Ion:165 Resp: 161620

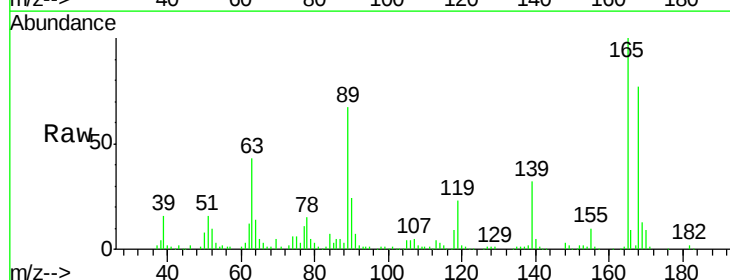
Ion Ratio Lower Upper

165 100

63 42.8 36.4 54.6

89 67.2 57.8 86.6

182 2.2 1.6 2.4

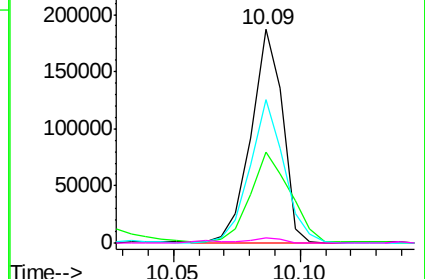
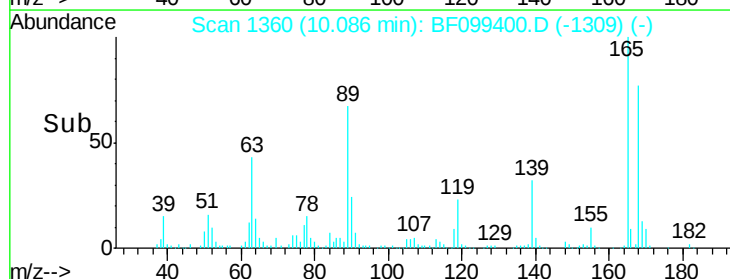


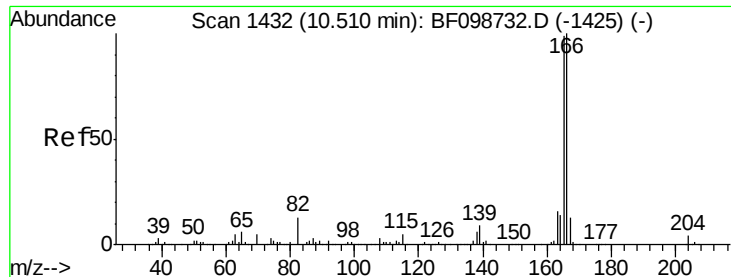
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.04 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

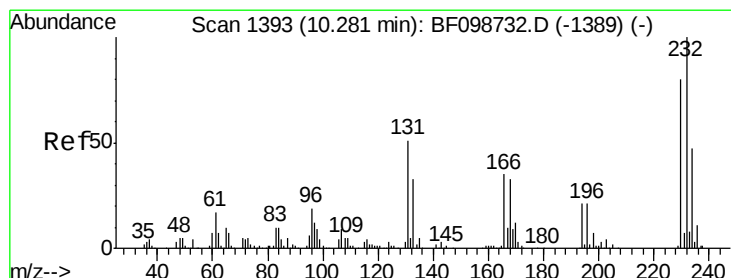
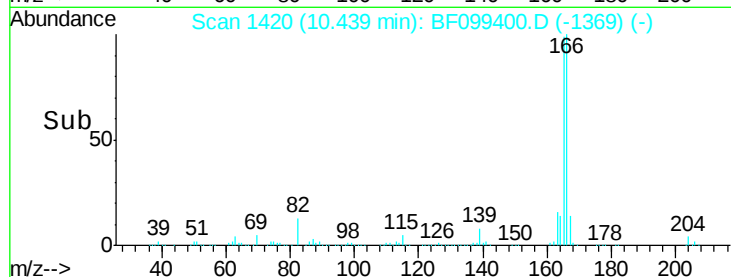
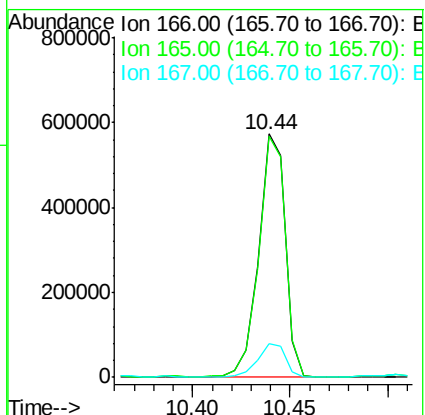
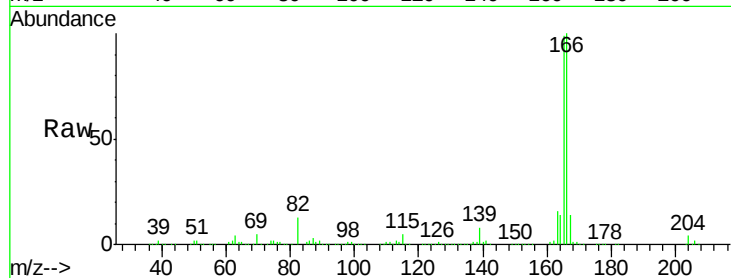
Tot Ion:166 Resp: 540781

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

167 14.0 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.59 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Tgt Ion:232 Resp: 119190

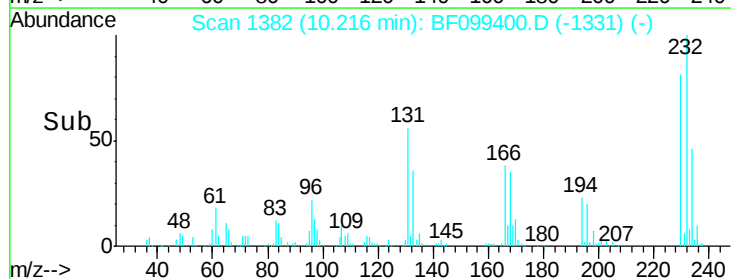
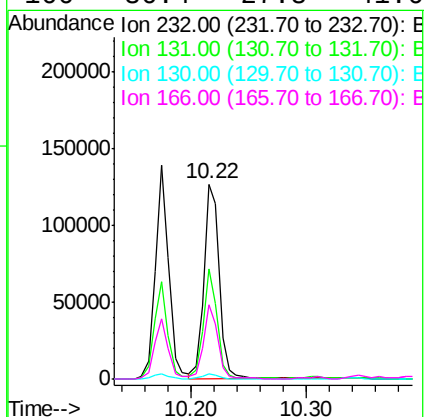
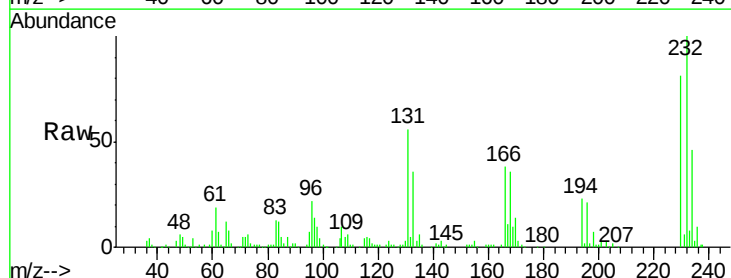
Ion Ratio Lower Upper

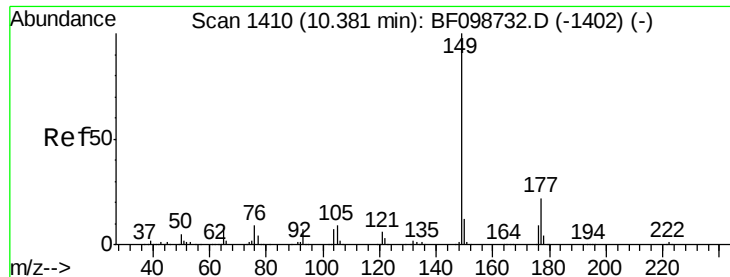
232 100

131 50.8 43.8 65.8

130 2.5 2.1 3.1

166 36.4 27.8 41.6

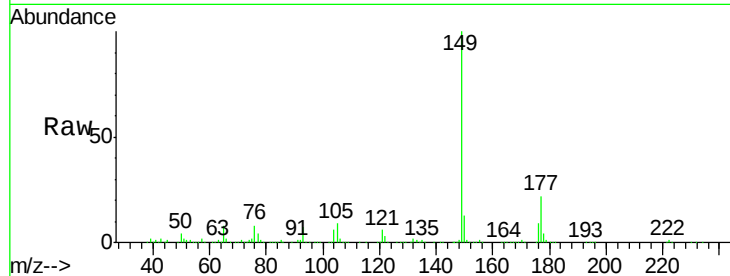




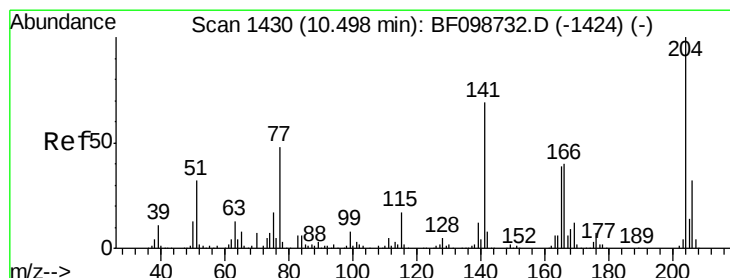
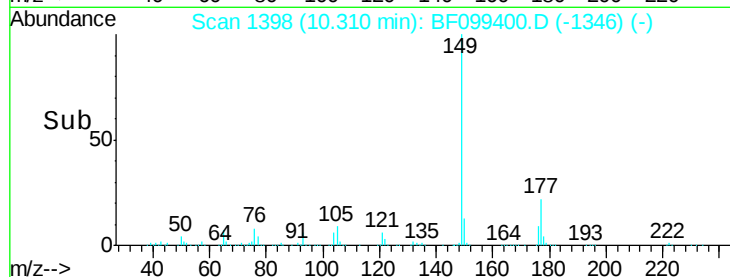
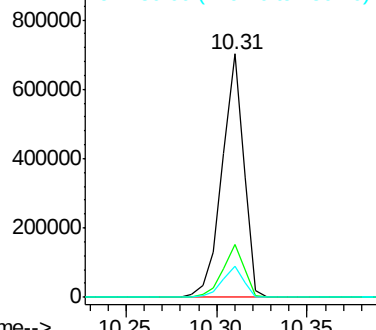
#59
Diethylphthalate
Concen: 41.37 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 586049
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.6 10.1 15.1

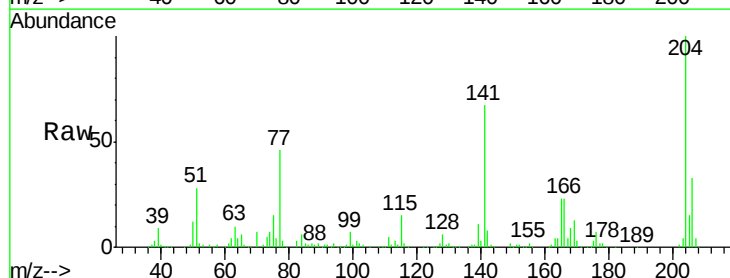


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

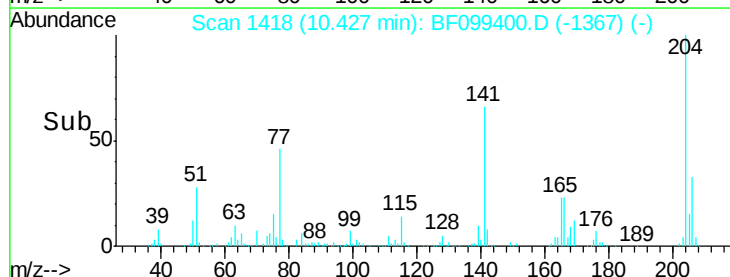
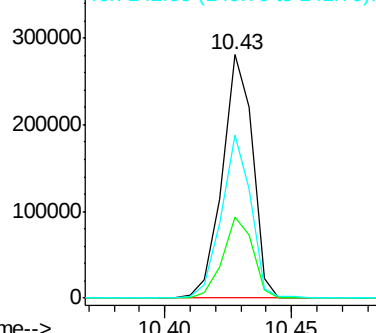


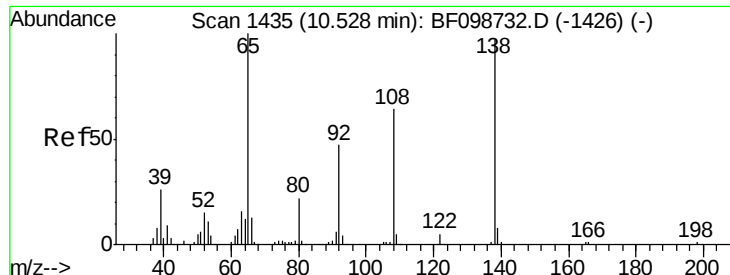
#60
4-Chlorophenyl-phenylether
Concen: 40.49 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:204 Resp: 233949
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.7 54.6 81.8



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

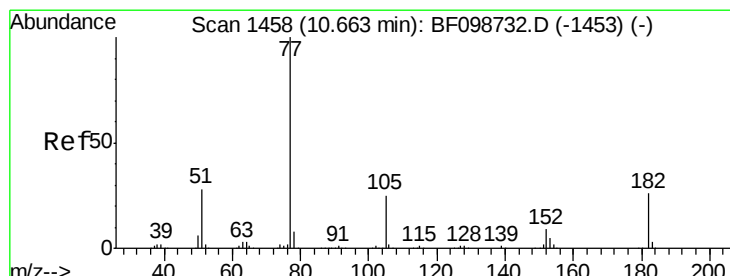
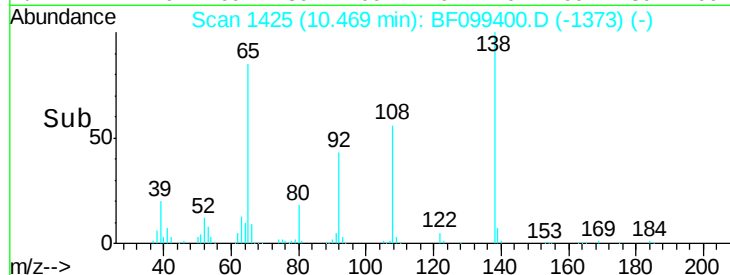
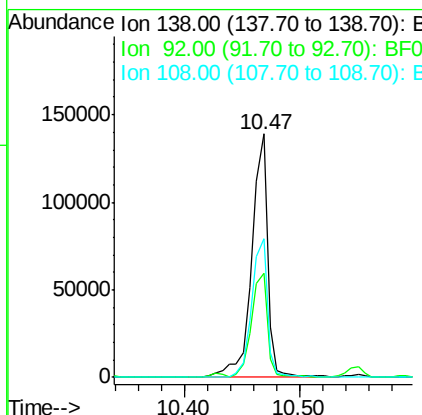
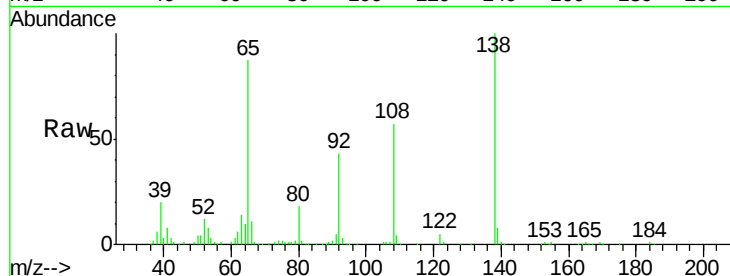




#61
 4-Nitroaniline
 Concen: 38.05 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

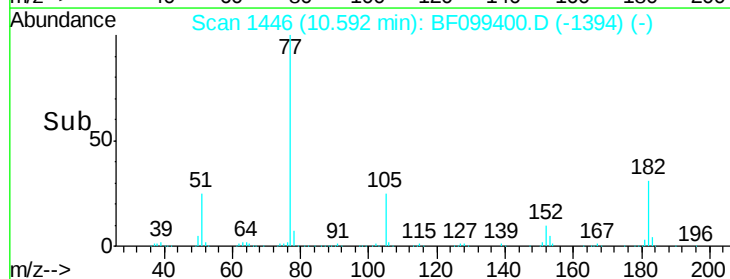
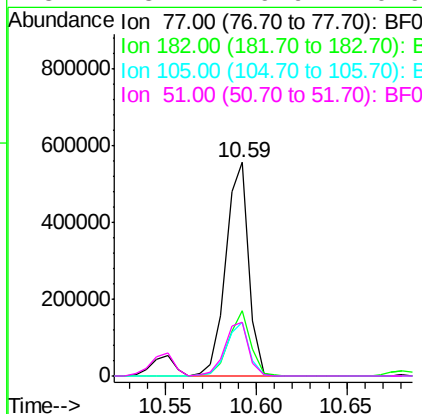
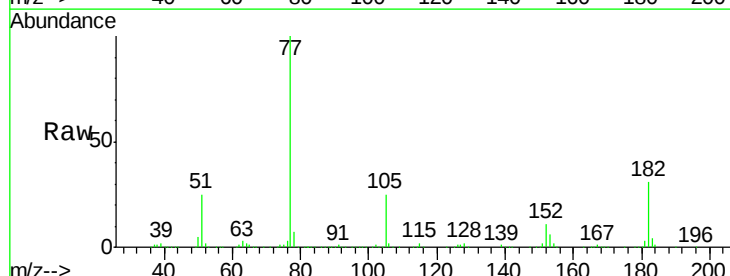
Instrument :
 BNA_F
 ClientSampleId :

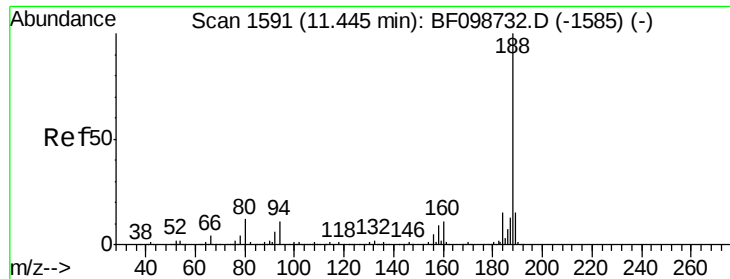
Tot Ion:138 Resp: 135110
 Ion Ratio Lower Upper
 138 100
 92 42.7 30.2 70.2
 108 57.0 52.5 92.5



#62
 Azobenzene
 Concen: 37.28 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion: 77 Resp: 485564
 Ion Ratio Lower Upper
 77 100
 182 30.9 1.7 41.7
 105 25.3 3.0 43.0
 51 25.4 9.9 49.9

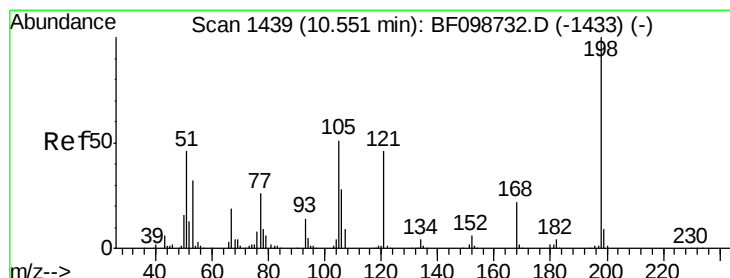
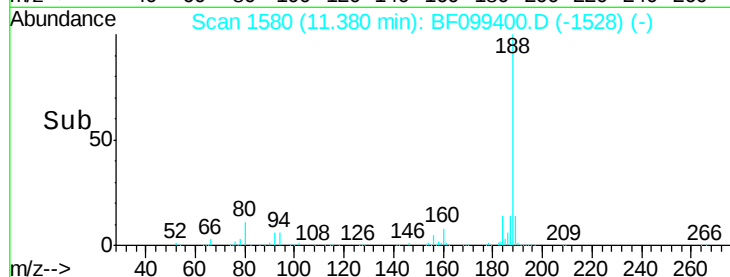
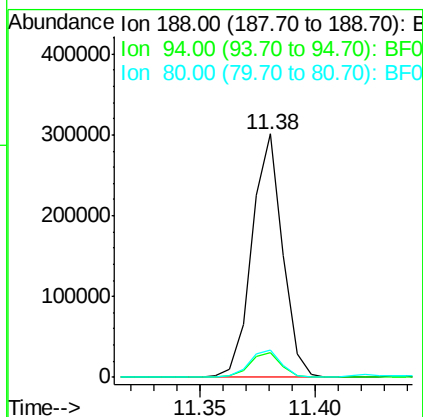
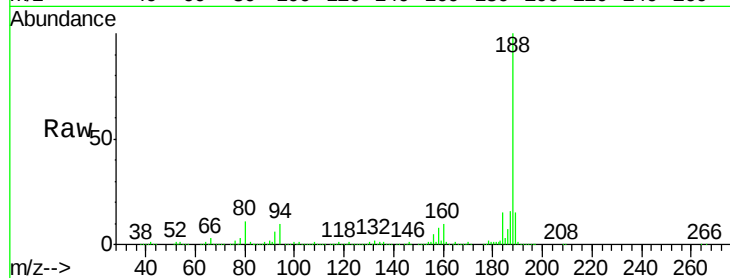




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

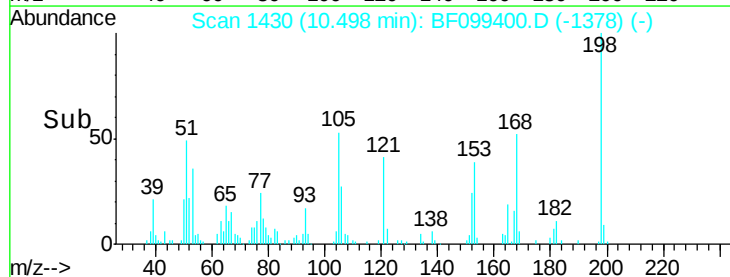
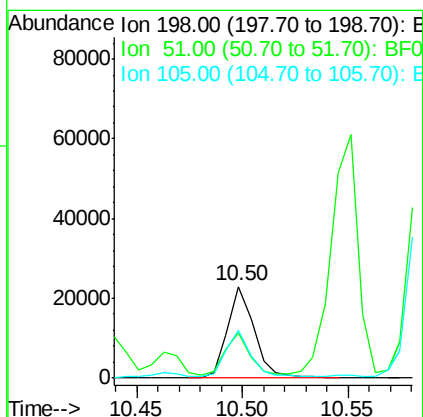
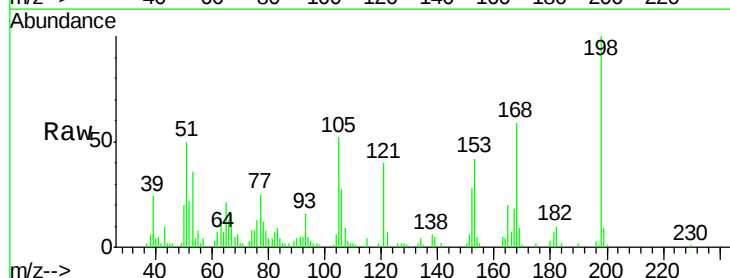
Instrument :
BNA_F
ClientSampleId :

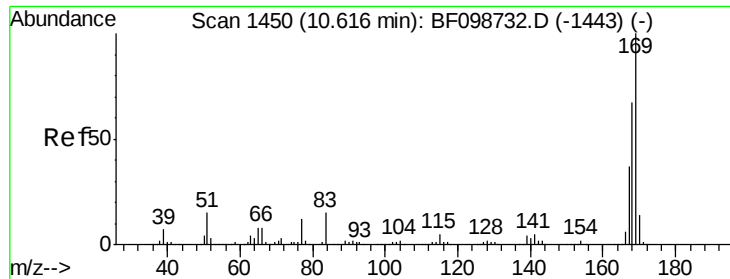
Tot Ion:188 Resp: 277955
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.85 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:198 Resp: 20048
Ion Ratio Lower Upper
198 100
51 49.9 37.7 77.7
105 52.1 36.3 76.3

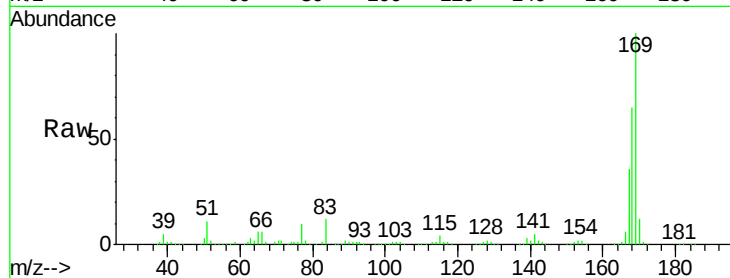




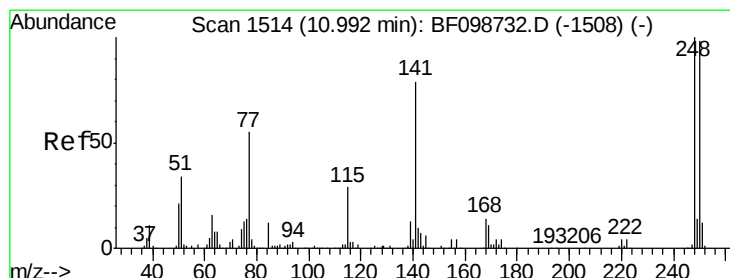
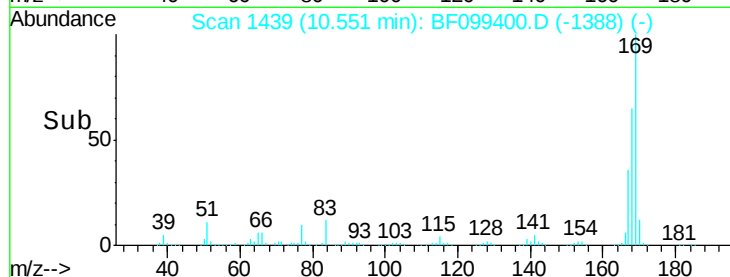
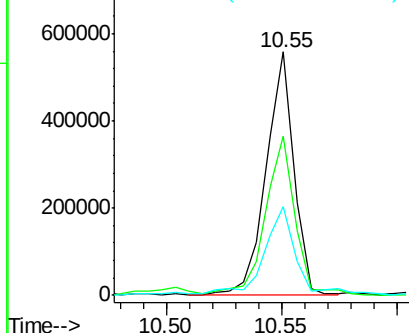
#65
 n-Nitrosodiphenylamine
 Concen: 48.21 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 464238
 Ion Ratio Lower Upper
 169 100
 168 65.2 54.4 81.6
 167 36.3 29.8 44.6

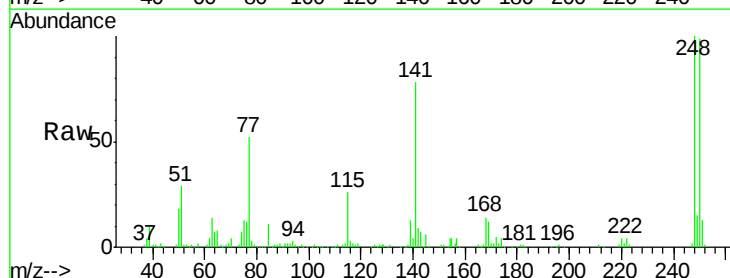


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

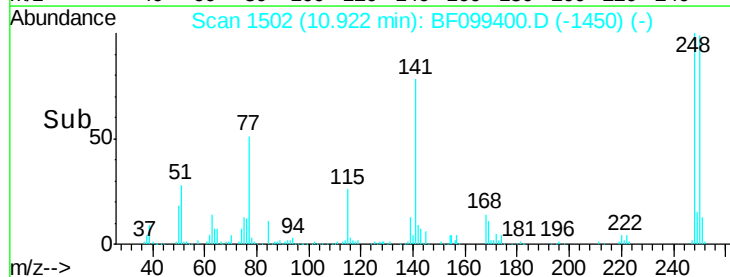
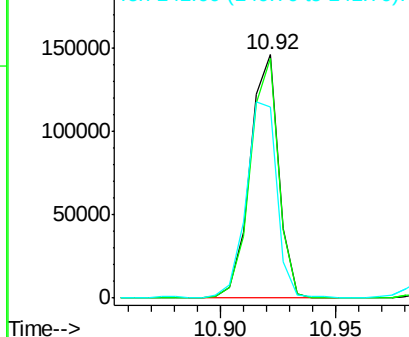


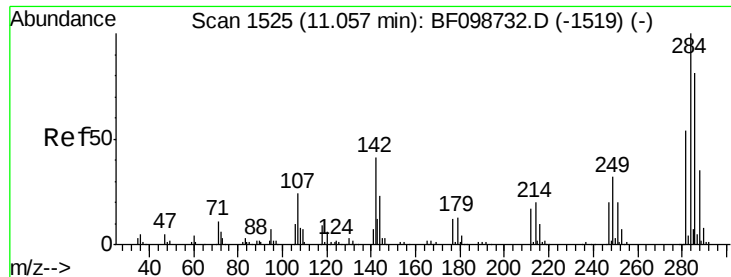
#66
 4-Bromophenyl-phenylether
 Concen: 46.82 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:248 Resp: 127380
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 78.5 74.4 111.6



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

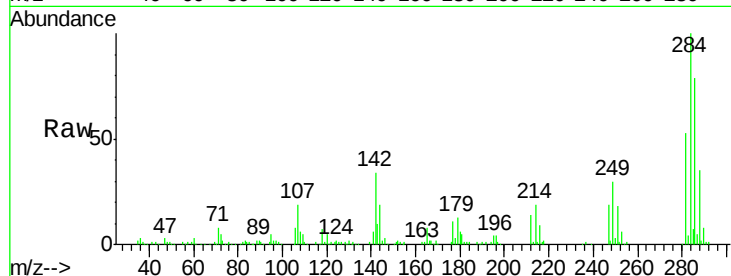




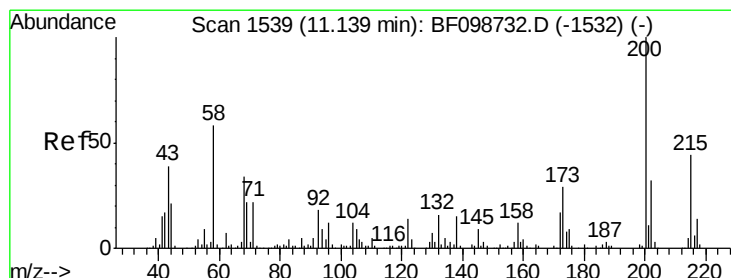
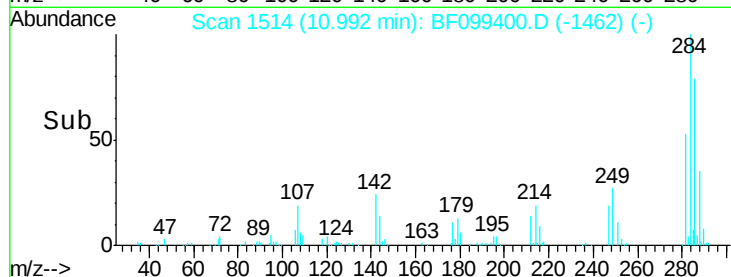
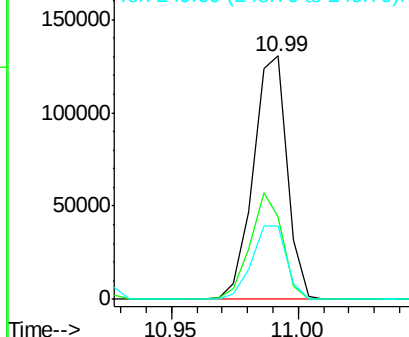
#67
Hexachlorobenzene
Concen: 41.67 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 121092
Ion Ratio Lower Upper
284 100
142 33.9 34.6 52.0#
249 30.2 24.8 37.2

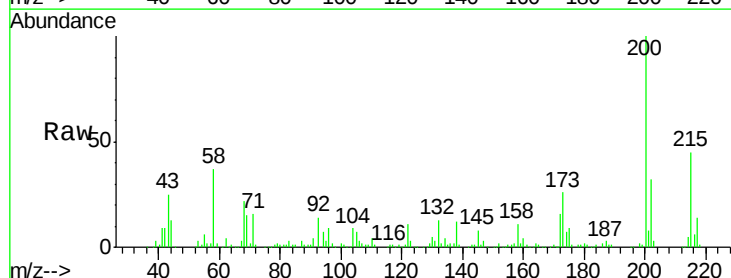


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

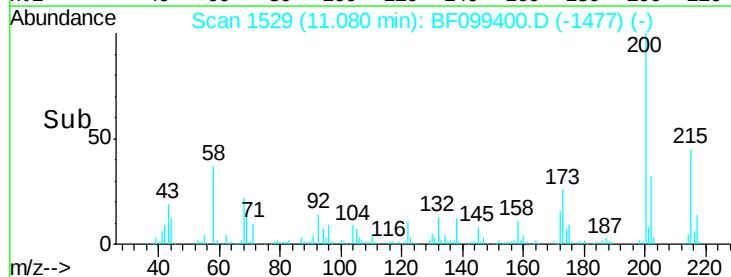
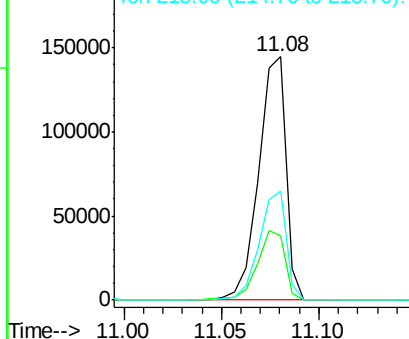


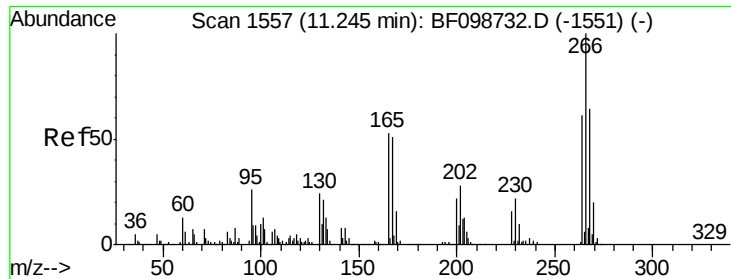
#68
Atrazine
Concen: 48.56 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:200 Resp: 140684
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 44.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

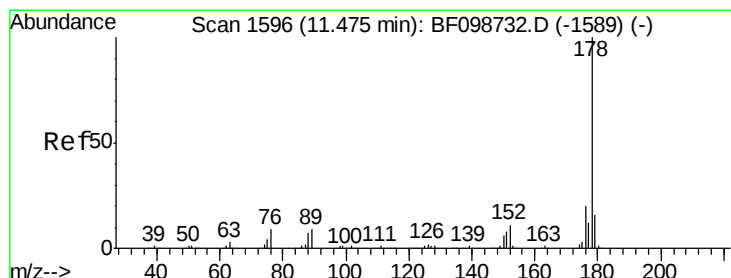
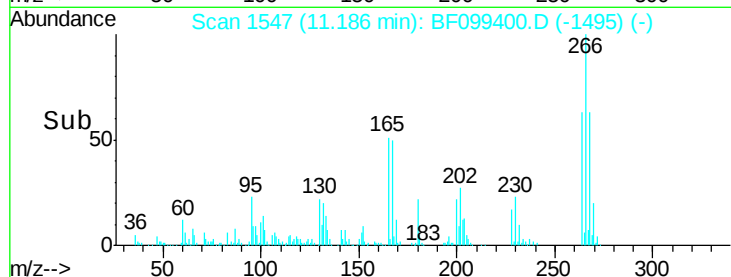
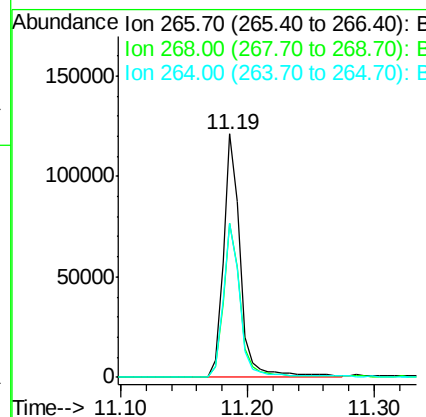
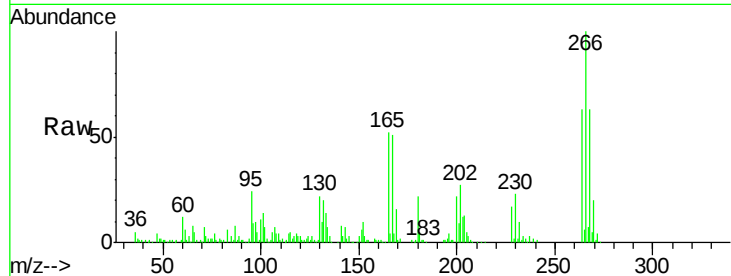




#69
 Pentachlorophenol
 Concen: 63.29 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

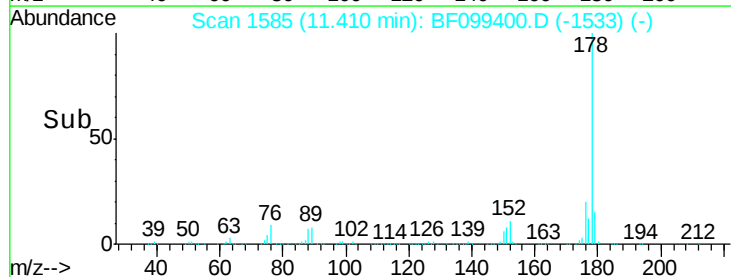
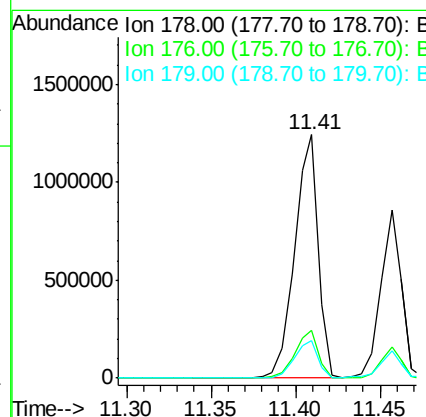
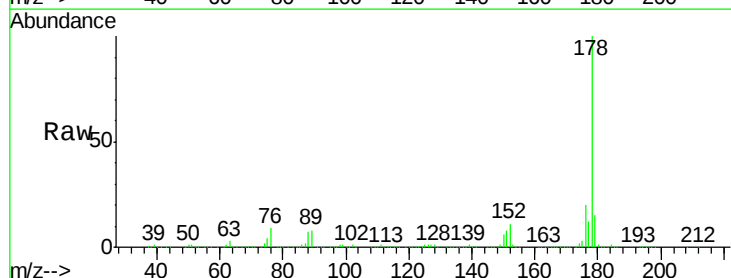
Instrument :
 BNA_F
 ClientSampleId :

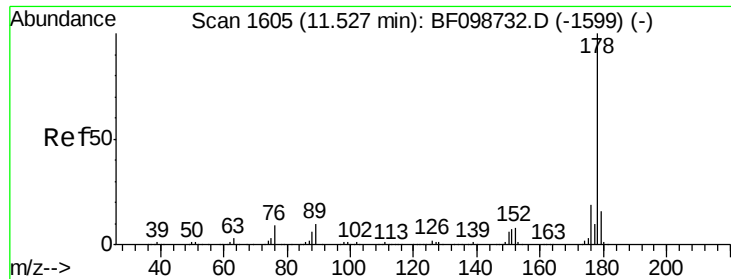
Tot Ion:266 Resp: 114458
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 81.21 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:178 Resp: 1208322
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6

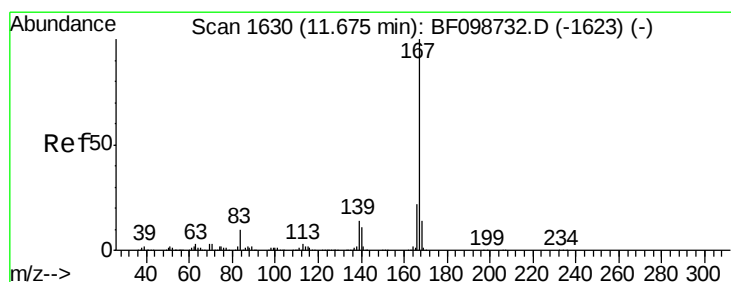
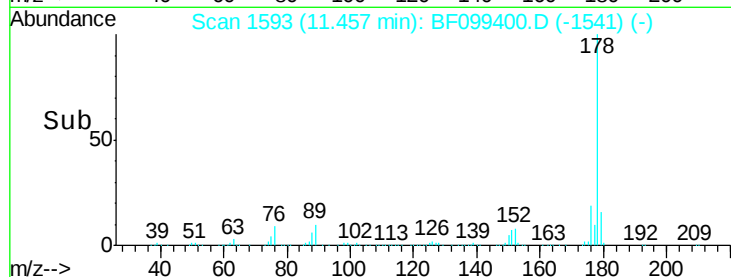
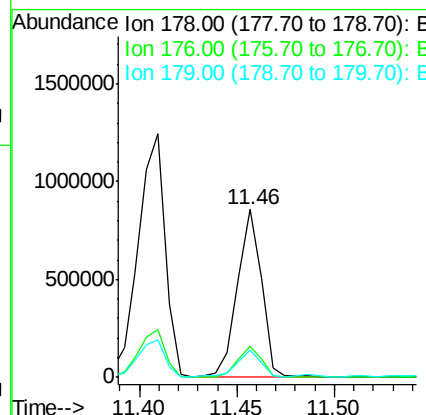
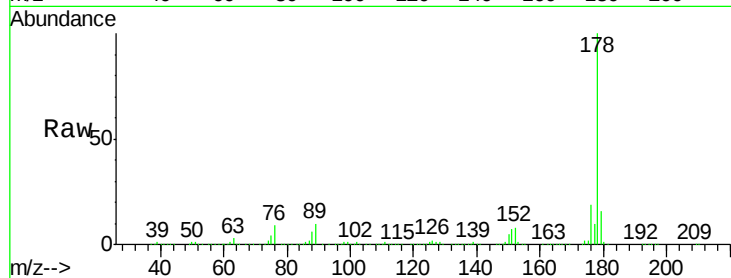




#71
 Anthracene
 Concen: 48.15 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

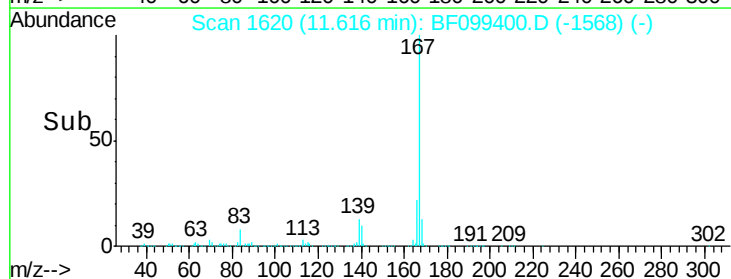
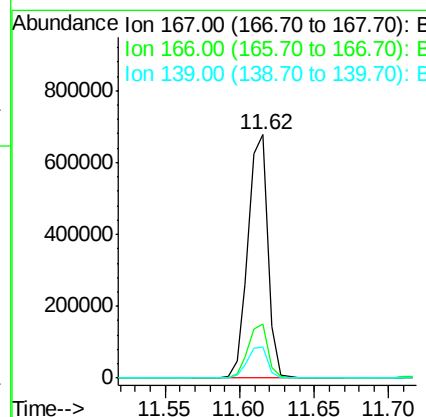
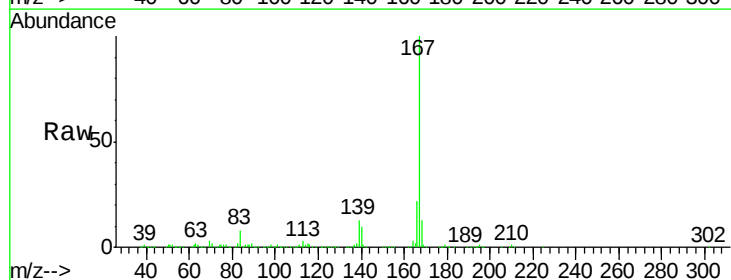
Instrument :
 BNA_F
 ClientSampleId :

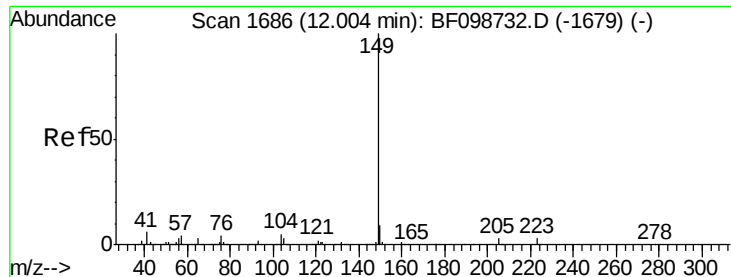
Tot Ion:178 Resp: 732940
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 42.11 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:167 Resp: 627832
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.74 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

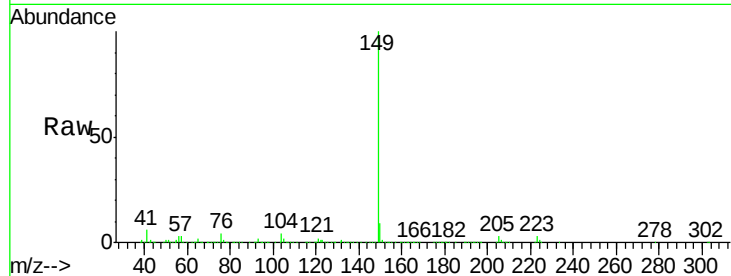
Tot Ion:149 Resp: 766849

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

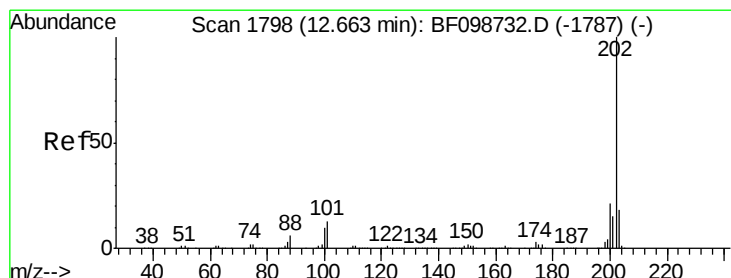
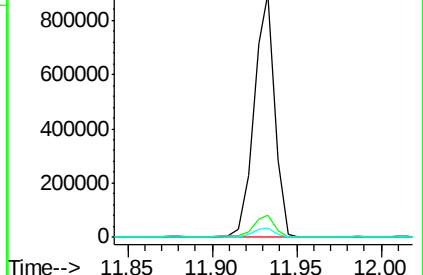
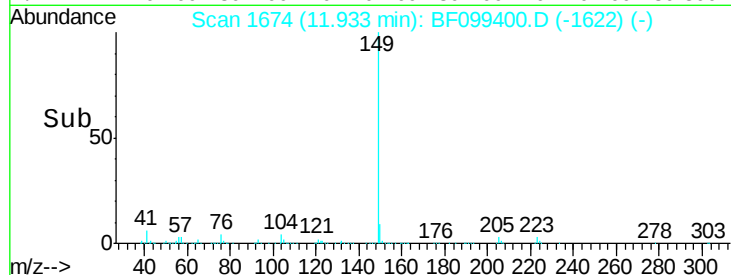
104 3.9 3.8 5.8



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: 83.06 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

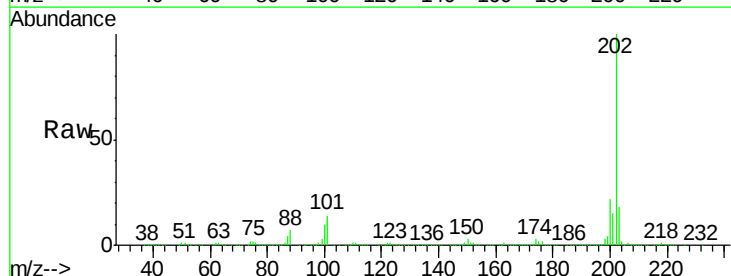
Tgt Ion:202 Resp: 1251302

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

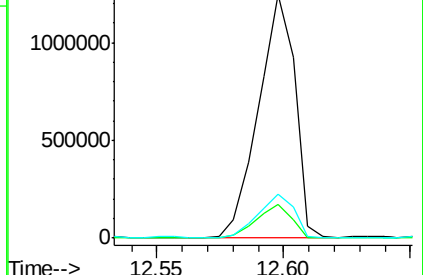
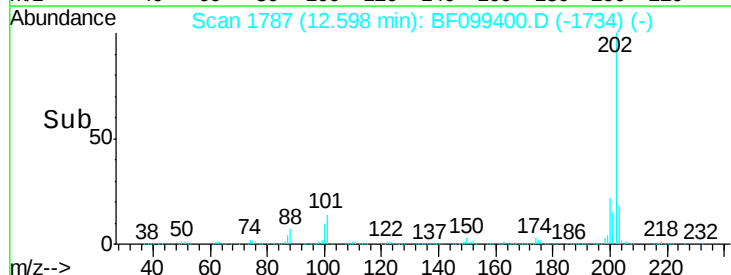
203 18.3 0.0 38.1

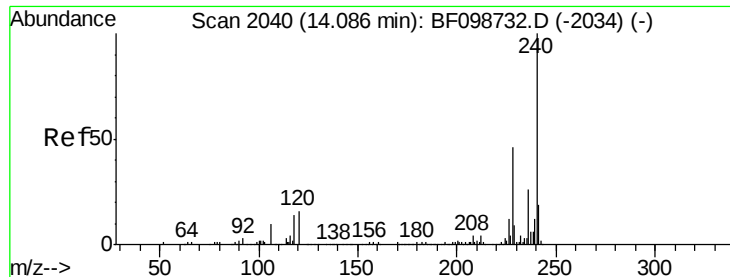


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

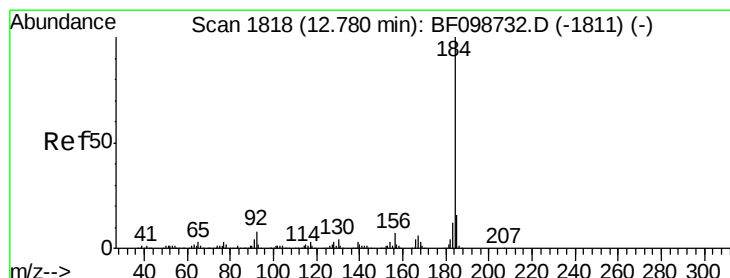
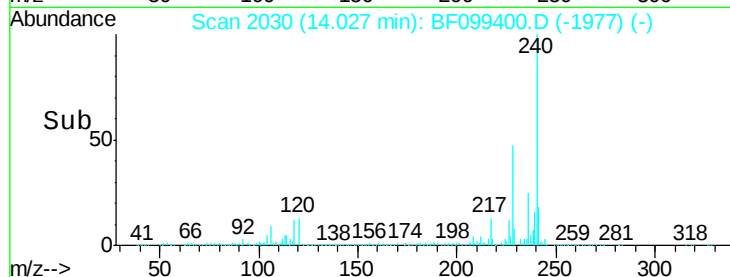
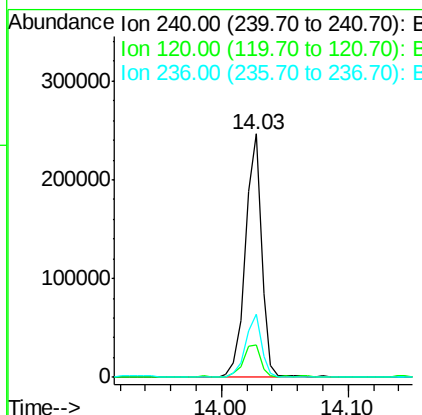
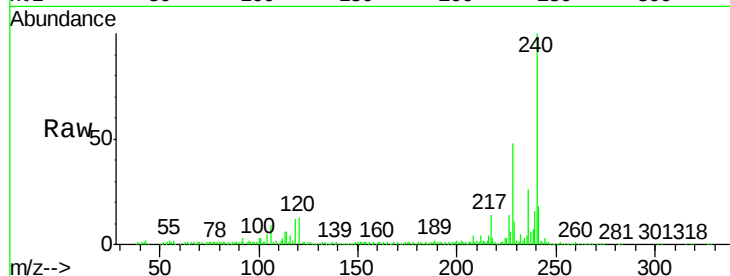




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

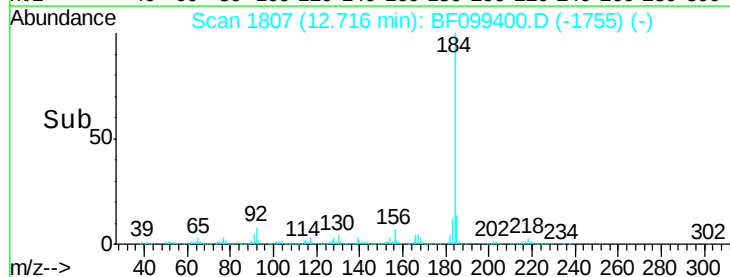
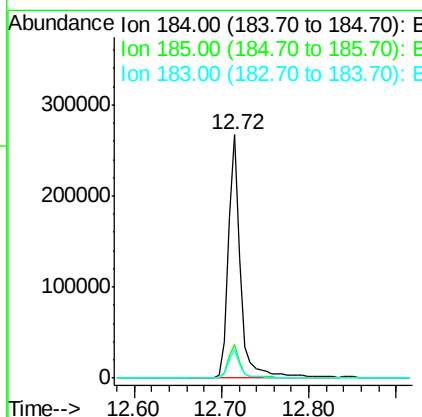
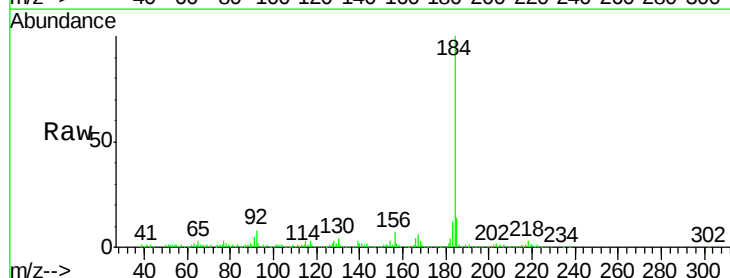
Instrument :
 BNA_F
 ClientSampleId :

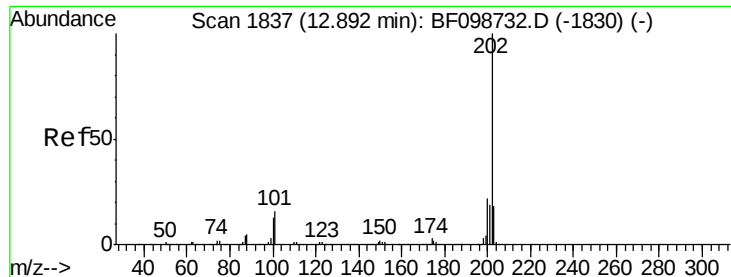
Tot Ion:240 Resp: 215880
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.8 20.7 31.1



#76
 Benzidine
 Concen: 32.61 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion:184 Resp: 260351
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.6 18.8
 183 11.9 9.3 13.9





#77

Pvrene

Concen: 87.05 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

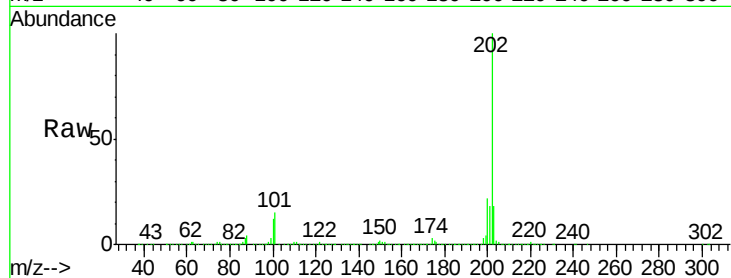
Tot Ion:202 Resp: 1433043

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

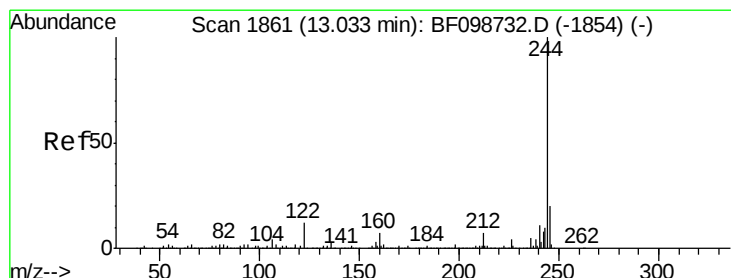
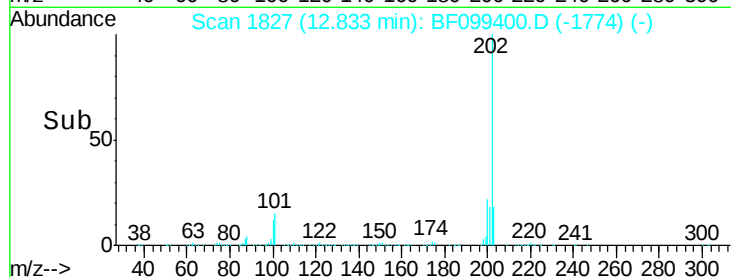
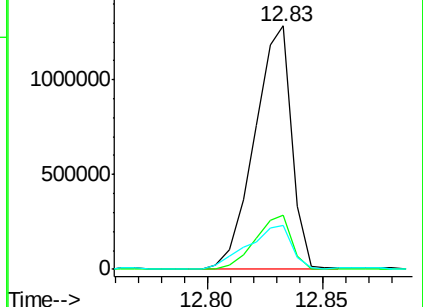
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.75 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

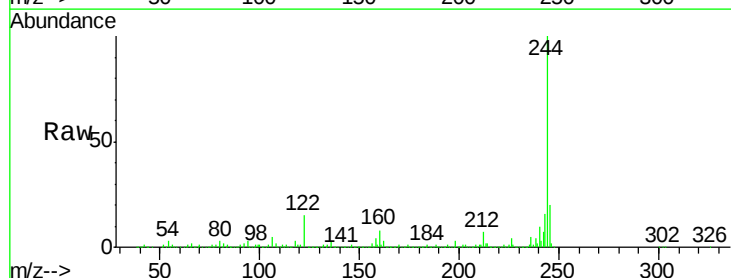
Tgt Ion:244 Resp: 671601

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

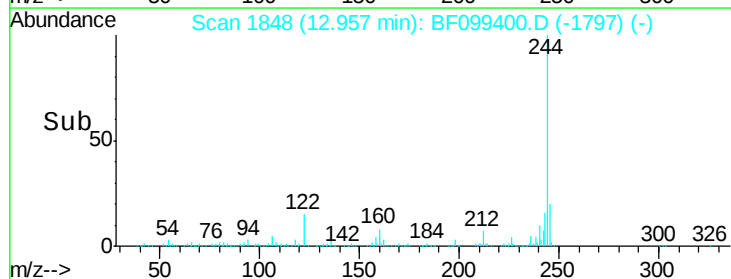
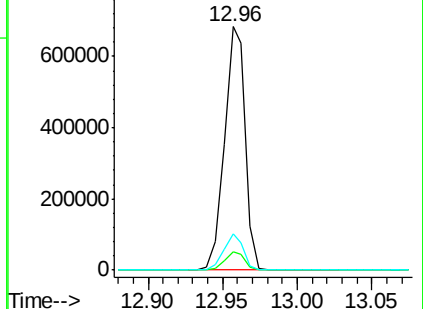
122 14.9 11.0 16.4

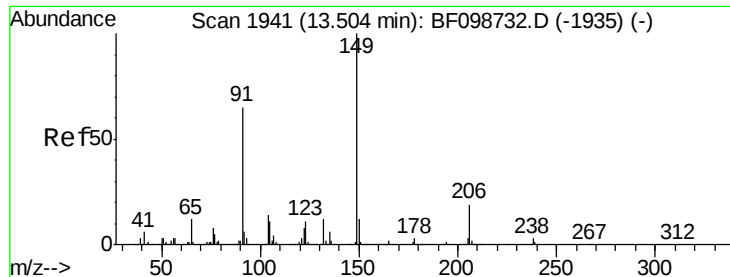


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

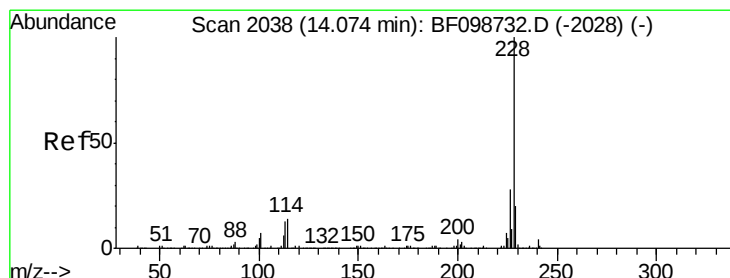
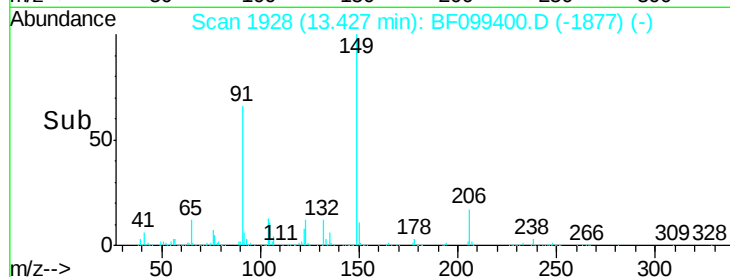
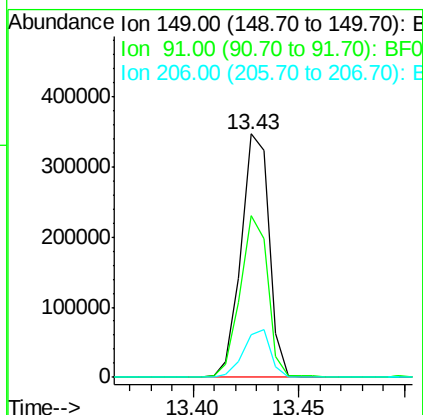
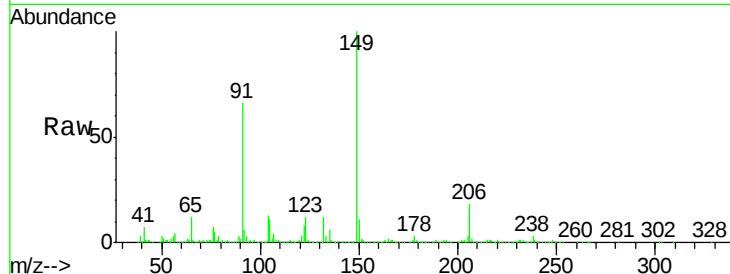




#79
Butylbenzylphthalate
Concen: 40.87 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

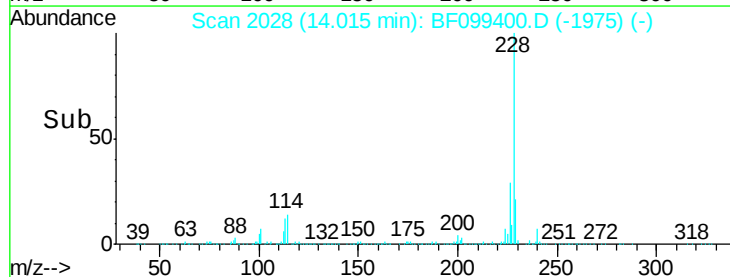
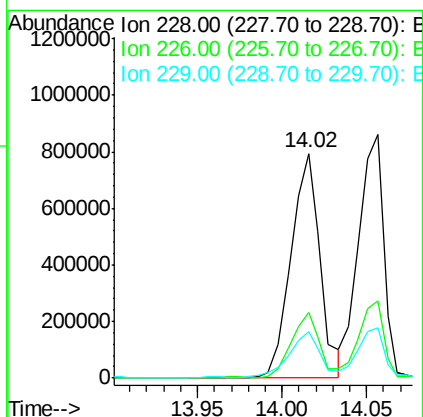
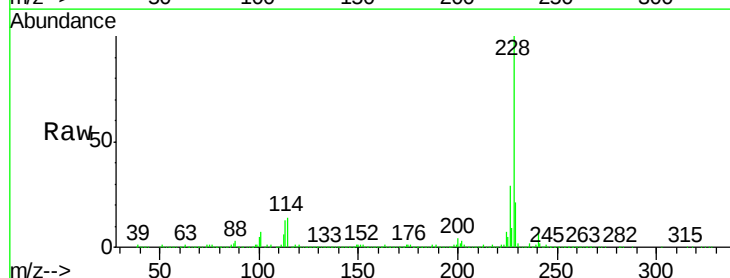
Instrument :
BNA_F
ClientSampleId :

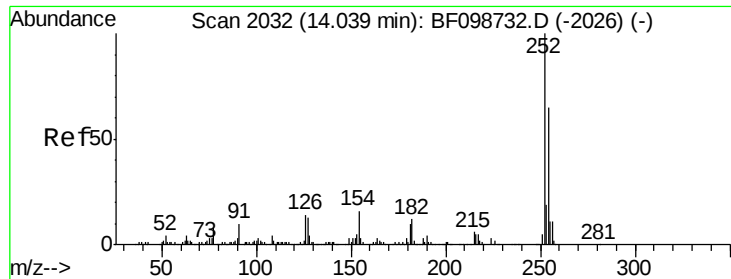
Tot Ion:149 Resp: 316212
Ion Ratio Lower Upper
149 100
91 66.3 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 72.34 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:228 Resp: 945574
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 20.8 15.8 23.6

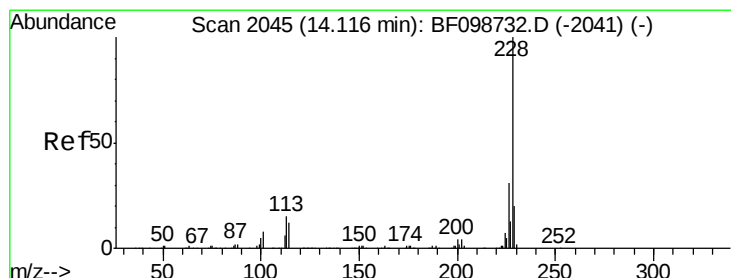
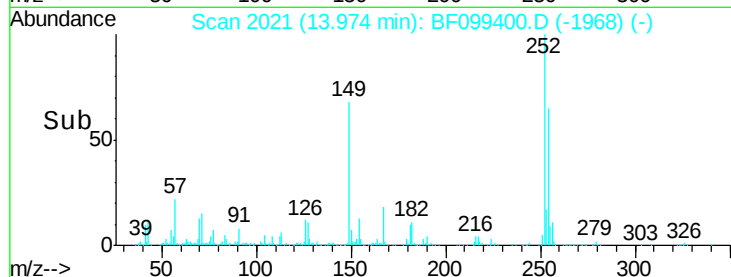
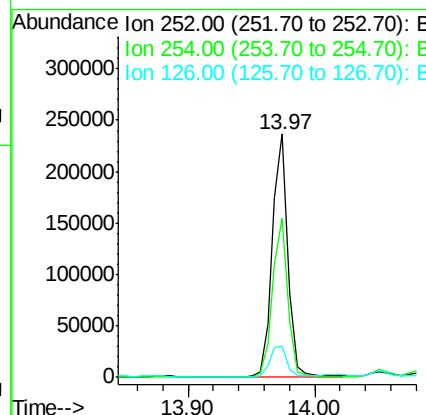
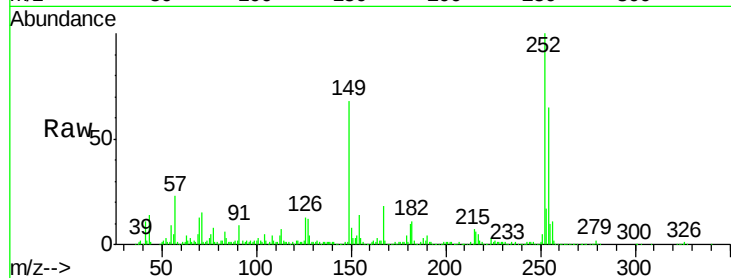




#81
 3,3'-Dichlorobenzidine
 Concen: 42.10 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

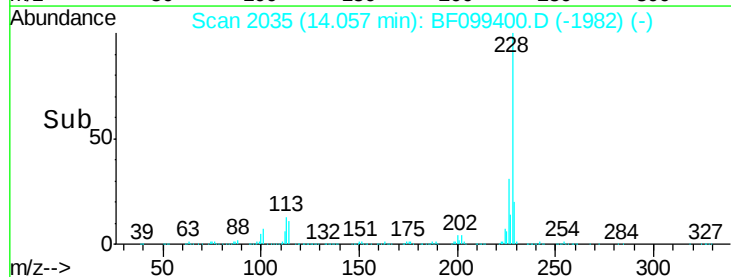
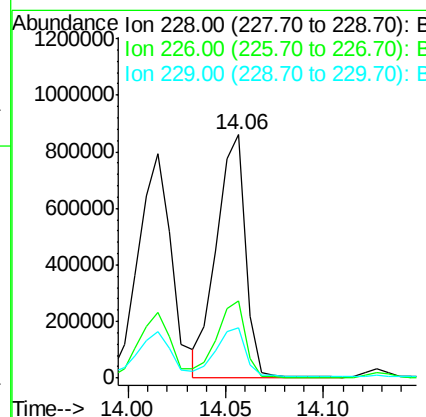
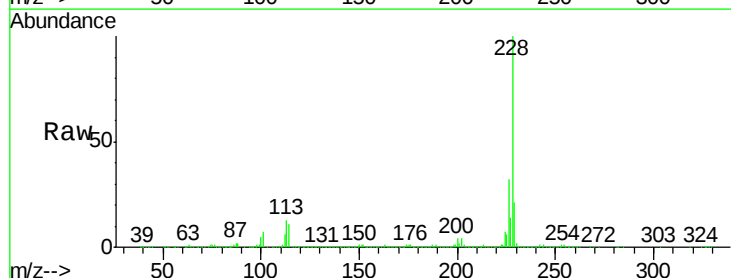
Instrument :
 BNA_F
 ClientSampled :

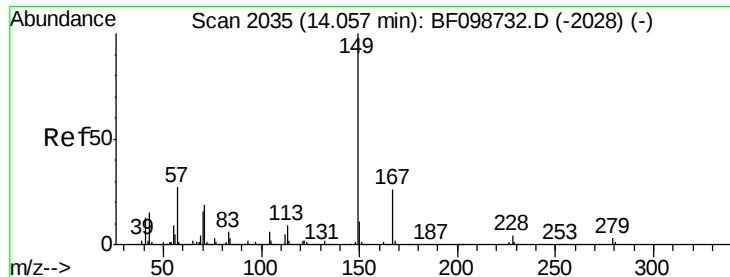
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.8	11.3	16.9



#82
 Chrysene
 Concen: 71.38 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.35 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

Instrument :

BNA_F

ClientSampleId :

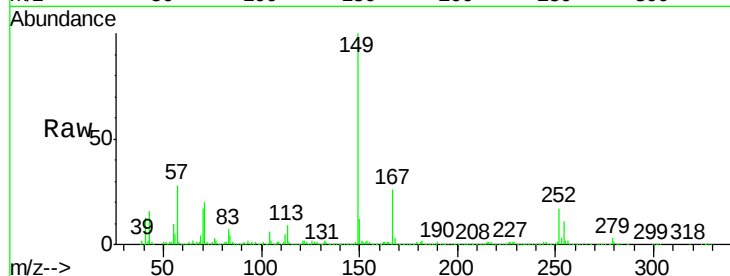
Tot Ion:149 Resp: 440453

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

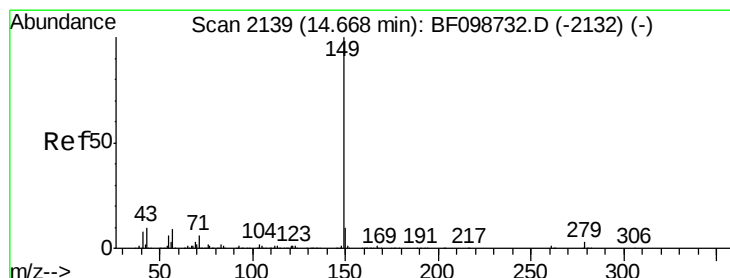
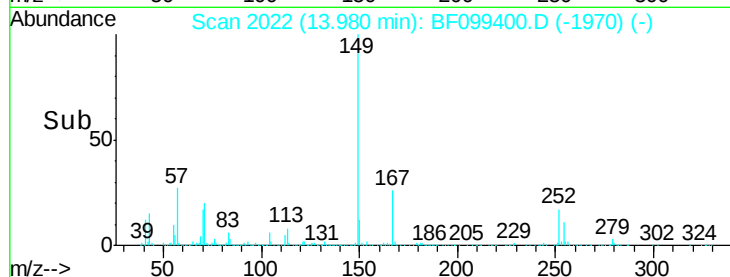
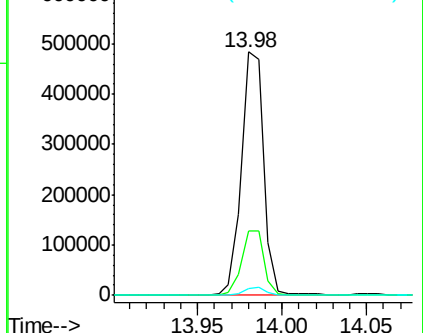
279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.73 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099400.D

Acq: 12 Oct 2017 17:45

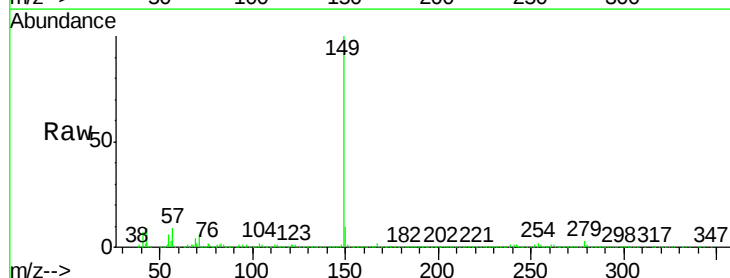
Tgt Ion:149 Resp: 801581

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

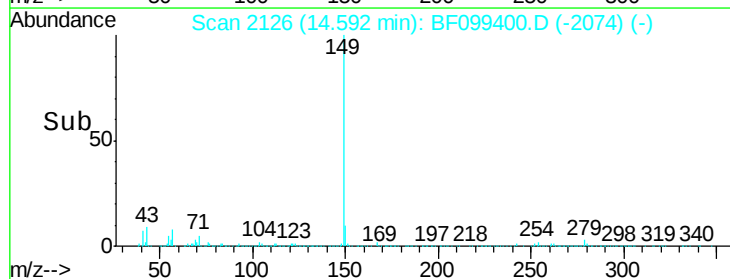
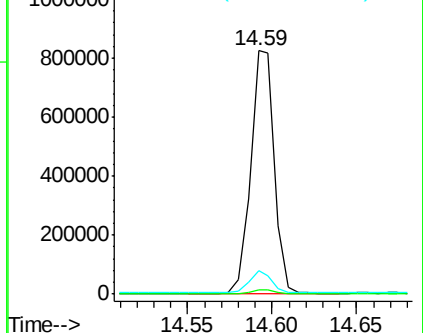
43 8.6 8.4 12.6

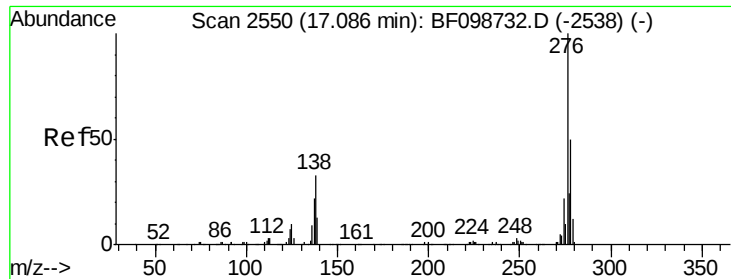


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

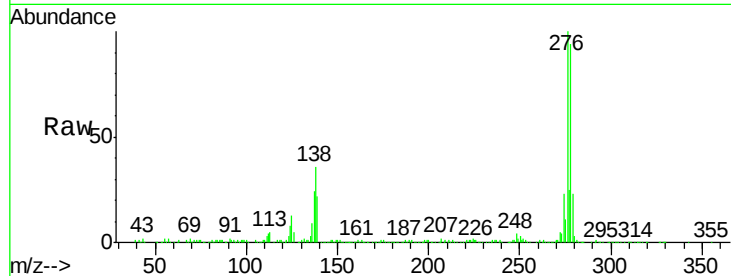




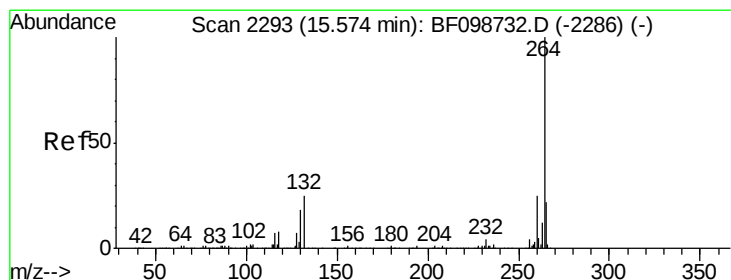
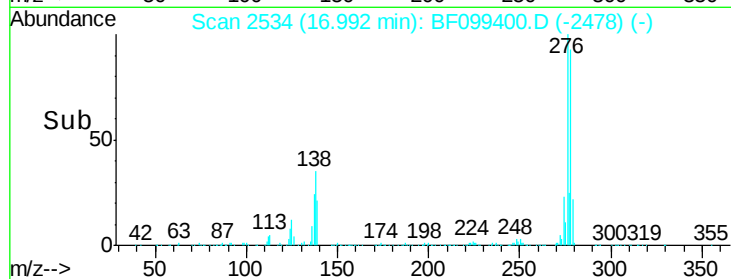
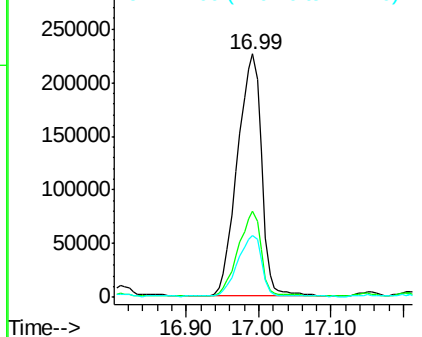
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.76 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.03 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.0	37.6
277	25.0	20.1	30.1

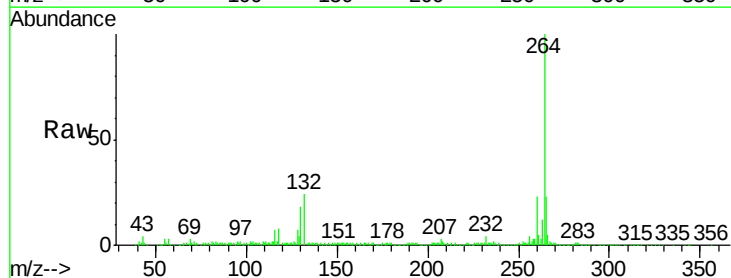


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

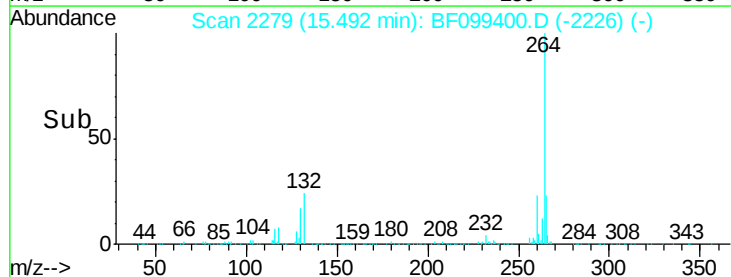
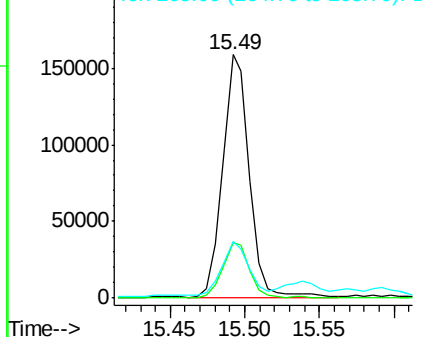


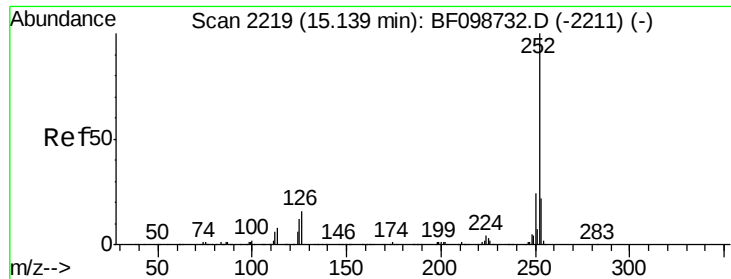
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	23.2	17.5	26.3



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

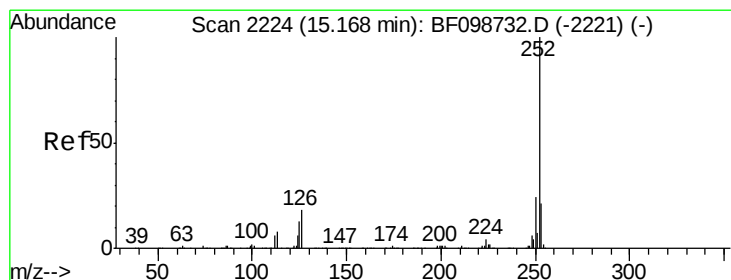
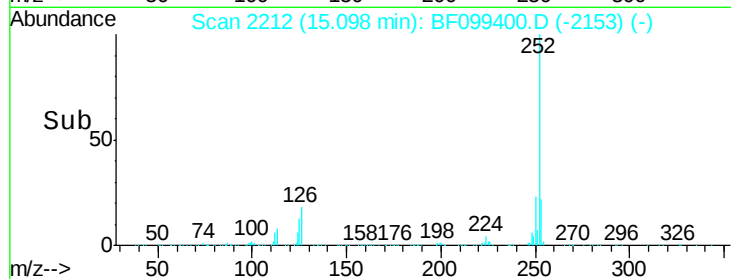
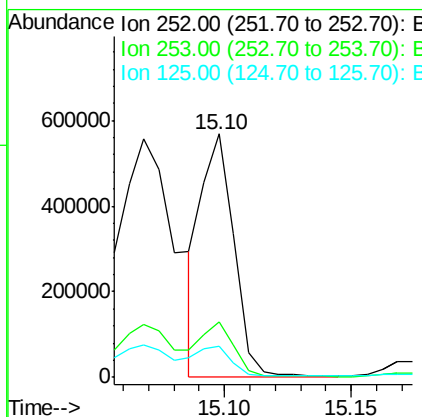
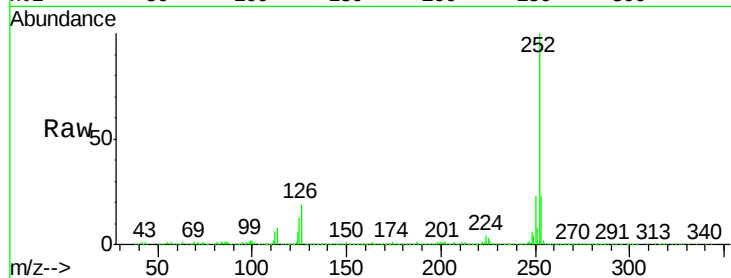




#87
Benzo(b)fluoranthene
Concen: 42.09 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.05 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

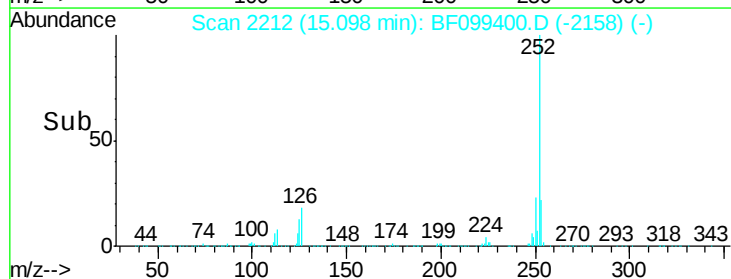
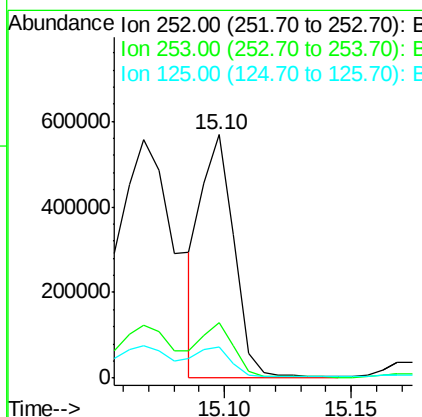
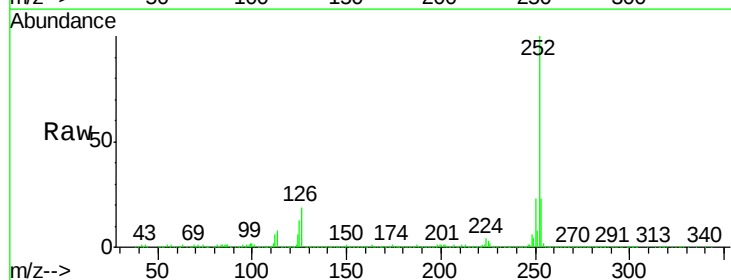
Instrument :
BNA_F
ClientSampleId :

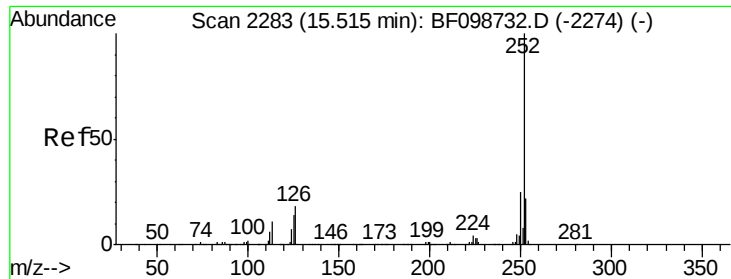
Tot Ion:252 Resp: 510227
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.61 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:252 Resp: 510227
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.0 10.2 15.2

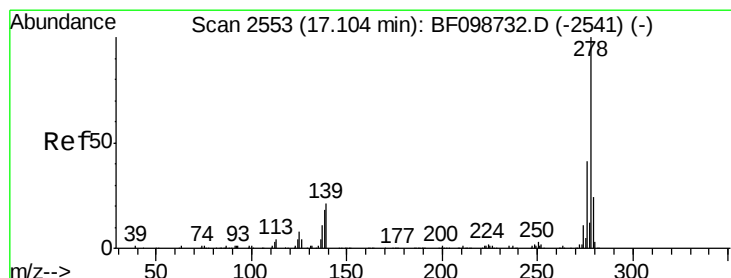
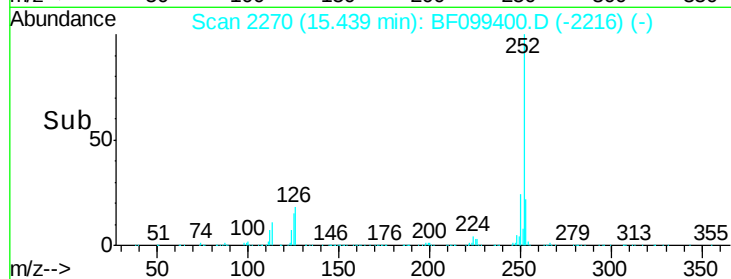
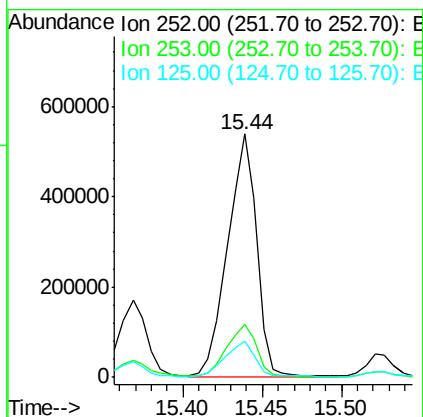
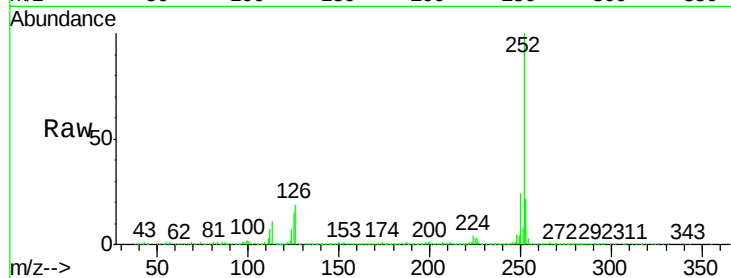




#89
Benzo(a)pyrene
Concen: 61.01 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

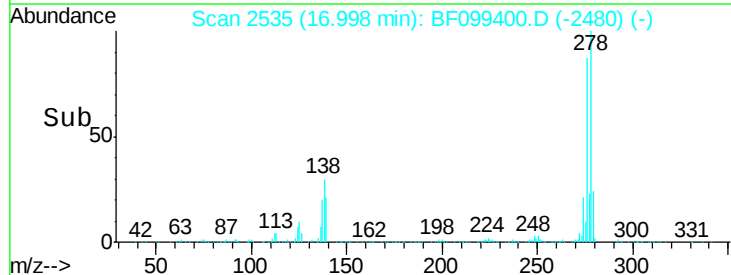
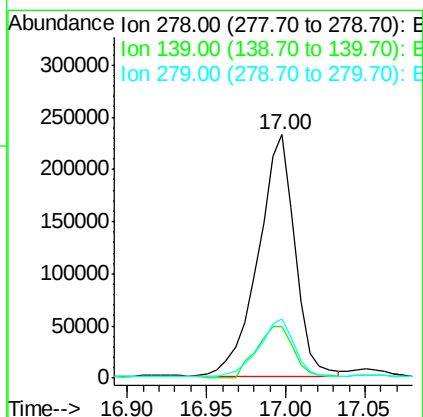
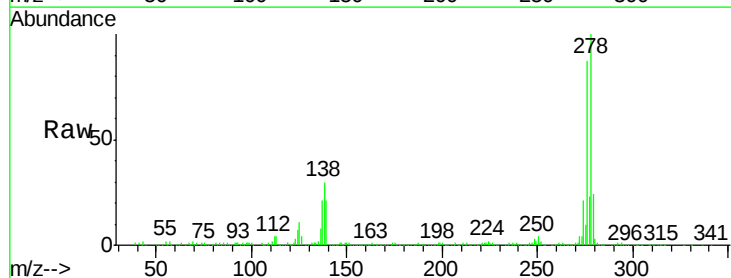
Instrument :
BNA_F
ClientSampleId :

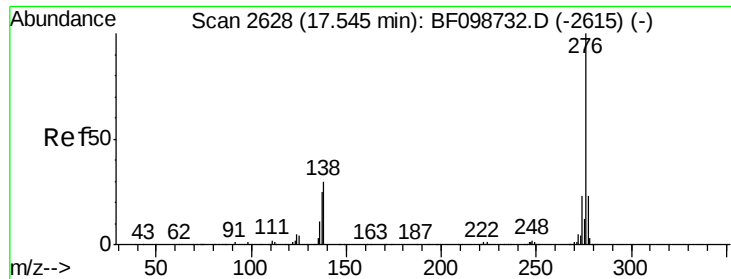
Tot Ion:252 Resp: 678910
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 15.1 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.01 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF099400.D
Acq: 12 Oct 2017 17:45

Tgt Ion:278 Resp: 374149
Ion Ratio Lower Upper
278 100
139 21.3 15.9 23.9
279 24.4 19.0 28.4

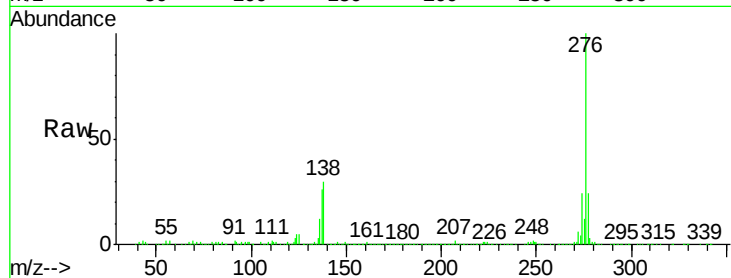




#91
 Benzo(a,h,i)perylene
 Concen: 50.89 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099400.D
 Acq: 12 Oct 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	30.1	21.8	32.8



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

