

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099413.D
 Acq On : 12 Oct 2017 23:47
 Operator : SJ/JU
 Sample : I5729-11MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:56:57 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	115922	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	460173	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181079	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	254724	20.00	ng	0.00
75) Chrysene-d12	14.02	240	201000	20.00	ng	0.00
86) Perylene-d12	15.49	264	170674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	863757	118.62	ng	0.02
7) Phenol-d6	6.50	99	1055113	117.45	ng	0.01
23) Nitrobenzene-d5	7.42	82	631985	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152868	103.17	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1018002	93.85	ng	0.00
78) Terphenyl-d14	12.96	244	663067	75.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	121846	35.03	ng	95
3) Pyridine	3.46	79	326538	34.70	ng	93
4) n-Nitrosodimethylamine	3.42	42	137846	34.54	ng	83
6) Aniline	6.52	93	308193	25.42	ng	98
8) 2-Chlorophenol	6.65	128	330220	40.04	ng	94
9) Benzaldehyde	6.41	77	118584	22.76	ng	90
10) Phenol	6.51	94	415040	41.31	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	316121	40.47	ng	97
12) 1,3-Dichlorobenzene	6.80	146	345800	40.04	ng	96
13) 1,4-Dichlorobenzene	6.87	146	346922	39.48	ng	99
14) 1,2-Dichlorobenzene	7.03	146	324493	39.97	ng	96
15) Benzyl Alcohol	7.00	79	249209	37.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	427887	35.16	ng	91
17) 2-Methylphenol	7.11	107	270565	40.10	ng	98
18) Hexachloroethane	7.36	117	103635	32.81	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	203395	35.46	ng	94
20) 3+4-Methylphenols	7.26	107	314105	36.80	ng	# 75
22) Acetophenone	7.27	105	427001	38.30	ng	# 97
24) Nitrobenzene	7.44	77	323488	39.74	ng	95
25) Isophorone	7.67	82	591814	39.89	ng	99
26) 2-Nitrophenol	7.76	139	162216	41.44	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	269384	36.44	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	391163	42.31	ng	100
29) 2,4-Dichlorophenol	8.00	162	265234	41.79	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	267764	42.18	ng	98
31) Naphthalene	8.16	128	885257	40.96	ng	99
32) Benzoic acid	7.79	122	269384	44.36	ng	# 12
33) 4-Chloroaniline	8.21	127	144188	15.98	ng	94
34) Hexachlorobutadiene	8.27	225	128351	39.26	ng	98
35) Caprolactam	8.58	113	77085	37.86	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	262258	36.76	ng	95
37) 2-Methylnaphthalene	8.85	142	584671	41.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	230362	42.66	ng	98
40) Hexachlorocyclopentadiene	9.00	237	18279	7.41	ng	96

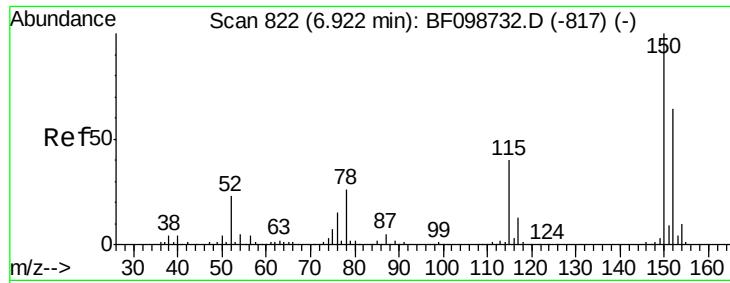
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099413.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	158466	41.42	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	157812	41.32	nq	95
45) 1,1'-Biphenyl	9.31	154	659792	42.40	nq	99
46) 2-Chloronaphthalene	9.34	162	503357	43.08	nq	97
47) 2-Nitroaniline	9.44	65	149970	41.92	nq	92
48) Acenaphthylene	9.76	152	735979	41.15	nq	99
49) Dimethylphthalate	9.61	163	769959	56.34	nq	99
50) 2,6-Dinitrotoluene	9.68	165	125318	42.12	nq	# 86
51) Acenaphthene	9.93	154	428073	37.78	nq	99
52) 3-Nitroaniline	9.85	138	125423	36.15	nq	91
53) 2,4-Dinitrophenol	9.97	184	750	6.28	nq	94
54) Dibenzofuran	10.10	168	629401	41.72	nq	98
55) 4-Nitrophenol	10.02	139	155351	52.96	nq	87
56) 2,4-Dinitrotoluene	10.09	165	144210	37.35	nq	90
57) Fluorene	10.44	166	469049	38.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	100263	38.00	nq	97
59) Diethylphthalate	10.31	149	555688	41.61	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	223520	41.04	nq	96
61) 4-Nitroaniline	10.46	138	121448	36.29	nq	87
62) Azobenzene	10.59	77	455719	37.11	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	3804	2.45	nq	78
65) n-Nitrosodiphenylamine	10.55	169	427427	48.44	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	121465	48.72	nq	97
67) Hexachlorobenzene	10.99	284	113383	42.58	nq	99
68) Atrazine	11.07	200	124807	47.01	nq	99
69) Pentachlorophenol	11.19	266	93673	56.52	nq	98
70) Phenanthrene	11.40	178	595453	43.67	nq	98
71) Anthracene	11.46	178	590212	42.31	nq	99
72) Carbazole	11.61	167	539352	39.48	nq	99
73) Di-n-butylphthalate	11.93	149	714724	43.46	nq	99
74) Fluoranthene	12.59	202	578358	41.89	nq	99
76) Benzidine	12.71	184	288380	38.79	nq	97
77) Pyrene	12.82	202	594188	38.77	nq	100
79) Butylbenzylphthalate	13.43	149	278329	38.64	nq	93
80) Benzo(a)anthracene	14.01	228	530595	43.59	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	175833	39.41	nq	98
82) Chrysene	14.04	228	489206	42.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	390469	39.37	nq	99
84) Di-n-octyl phthalate	14.59	149	710019	44.46	nq	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	346979	37.43	nq	96
87) Benzo(b)fluoranthene	15.06	252	473696	45.14	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	412048	39.75	nq	98
89) Benzo(a)pyrene	15.43	252	398508	41.37	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	291750	37.85	nq	98
91) Benzo(g,h,i)perylene	17.42	276	272954	35.82	nq	97

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

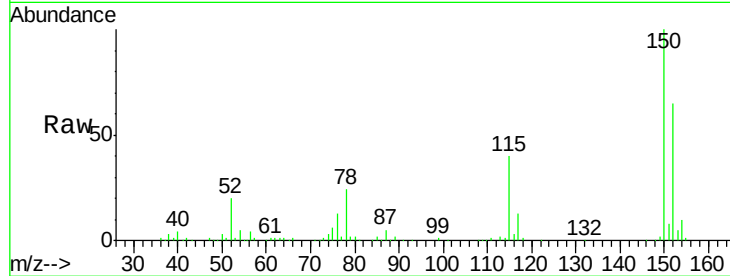


#1

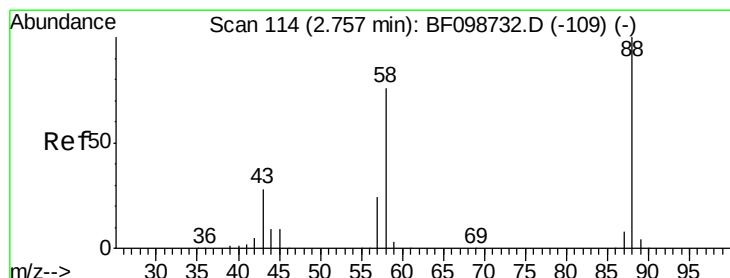
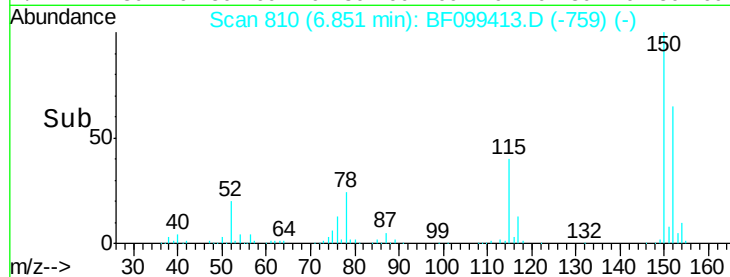
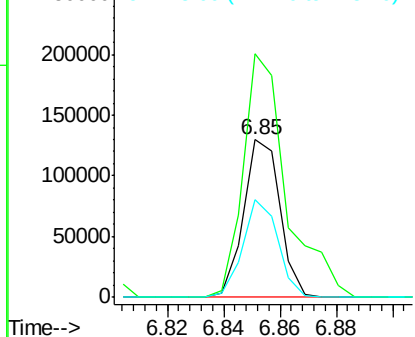
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115922
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.2 50.1 75.1



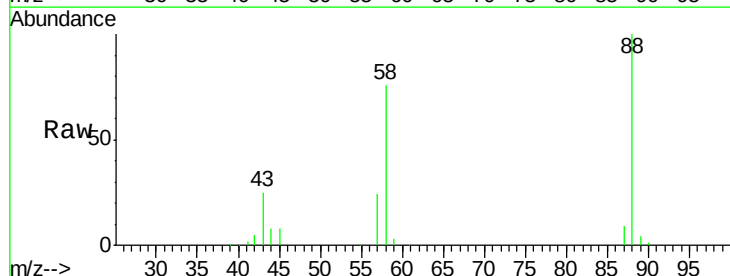
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



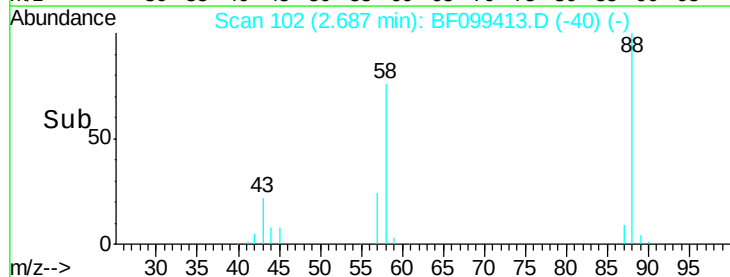
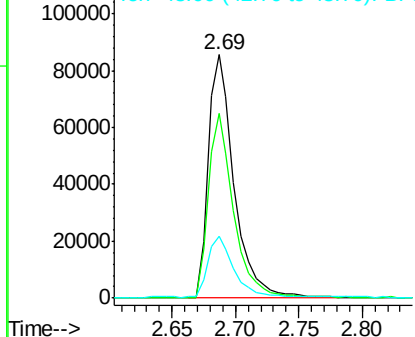
#2

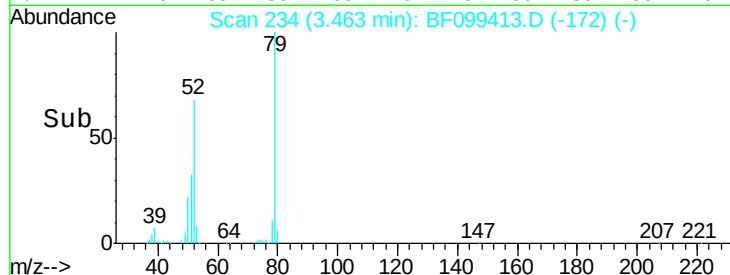
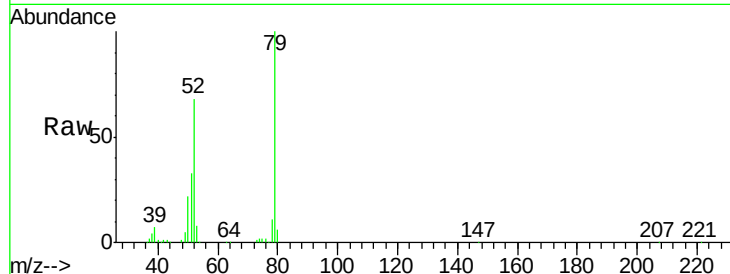
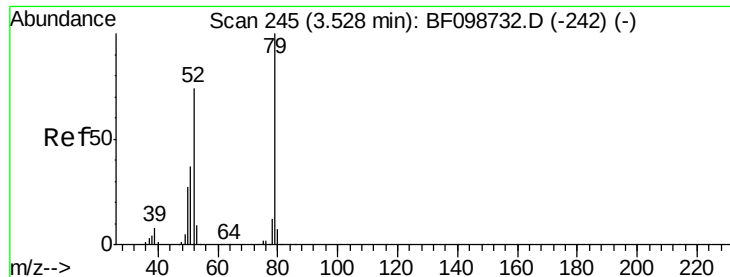
1,4-Dioxane
Concen: 35.03 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion: 88 Resp: 121846
Ion Ratio Lower Upper
88 100
58 74.8 62.6 93.8
43 27.3 24.6 37.0



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

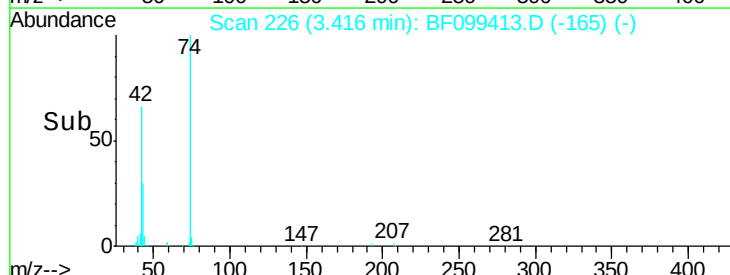
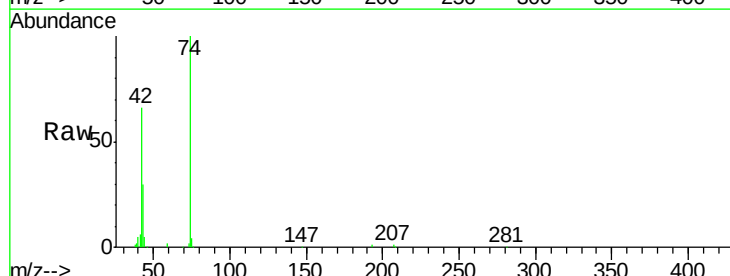
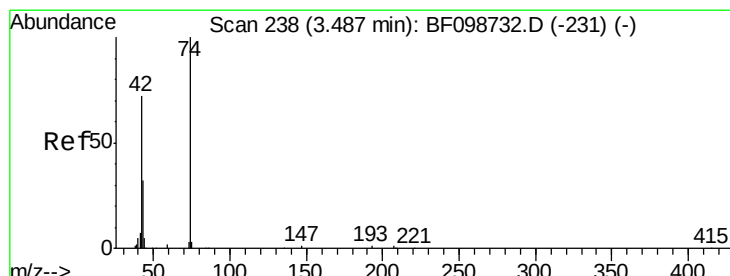
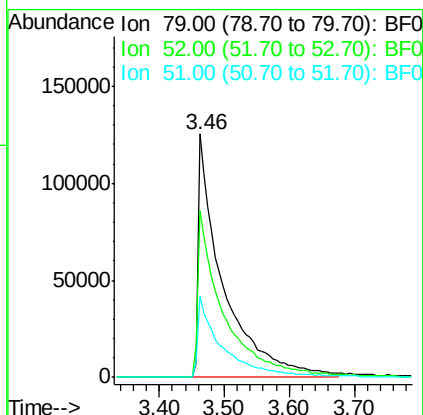




#3
 Pvridine
 Concen: 34.70 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.06 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

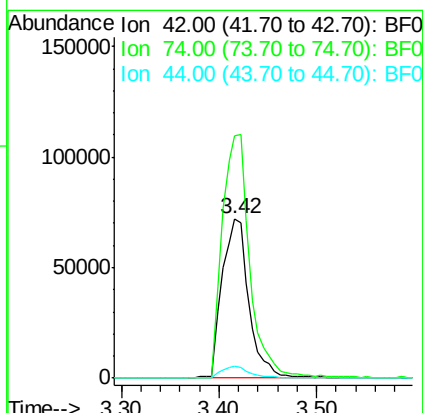
Instrument :
 BNA_F
 ClientSampleId :

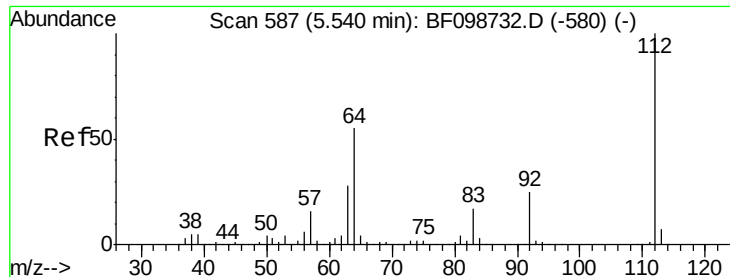
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	59.8	89.6
51	33.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.54 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.9	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 118.62 ng

RT: 5.49 min Scan# 578

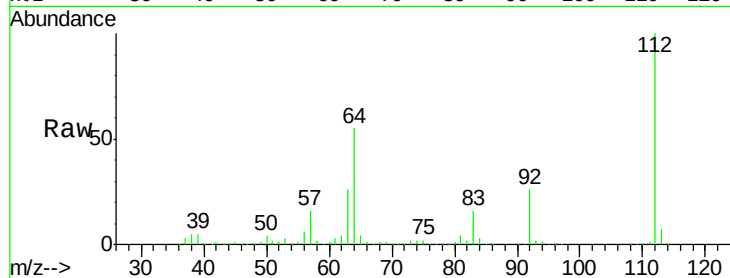
Delta R.T. 0.02 min

Lab File: BF099413.D

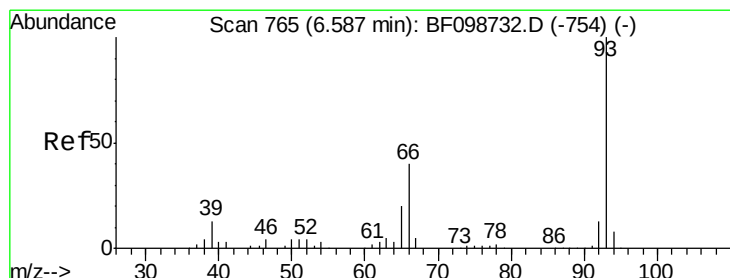
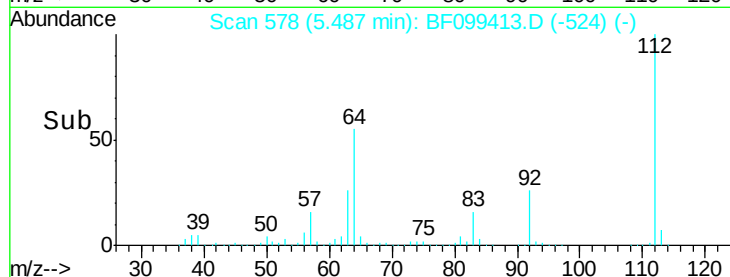
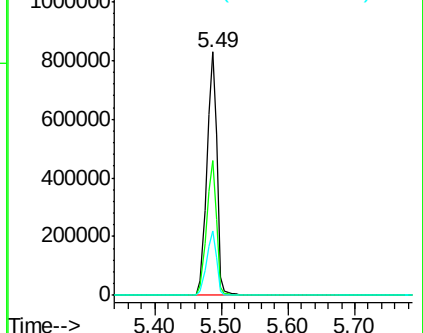
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	863757
Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	26.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.42 ng

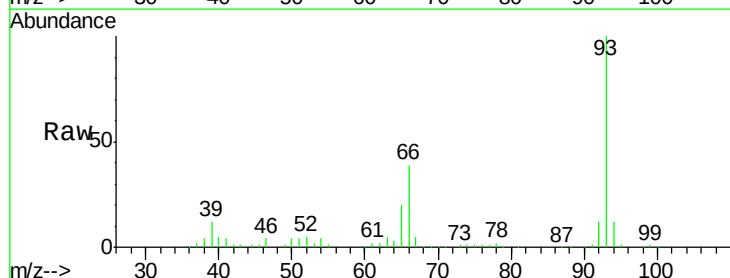
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

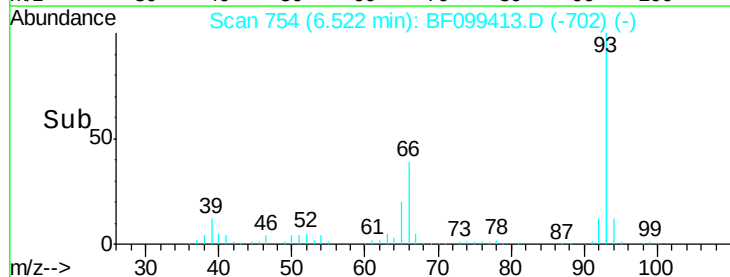
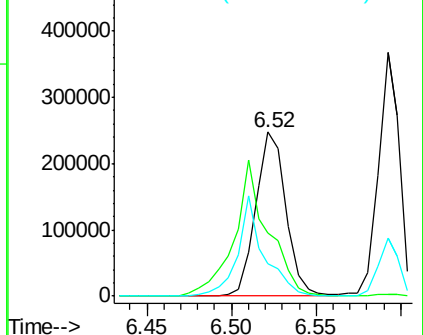
Lab File: BF099413.D

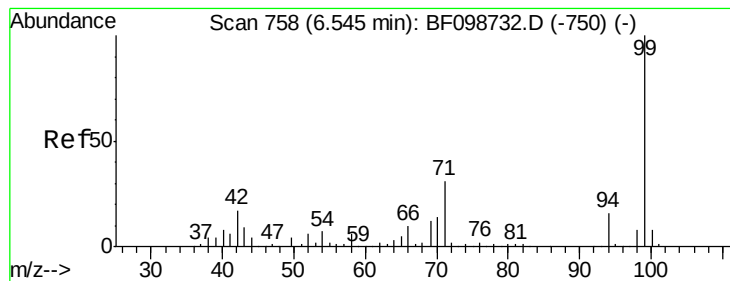
Acq: 12 Oct 2017 23:47

Tgt Ion:	93	Resp:	308193
Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.2	48.2
65	19.9	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 117.45 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

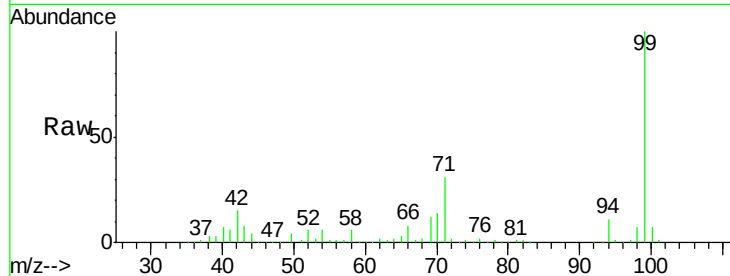
Tot Ion: 99 Resp: 1055113

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

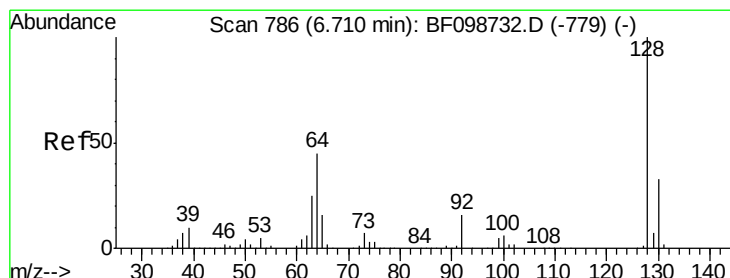
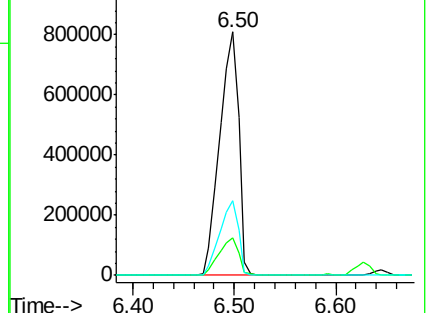
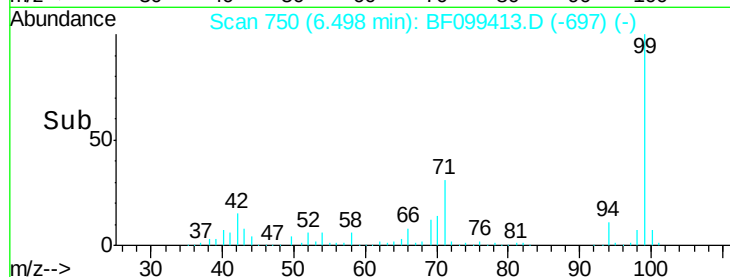
71 30.6 25.4 38.0



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: 40.04 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

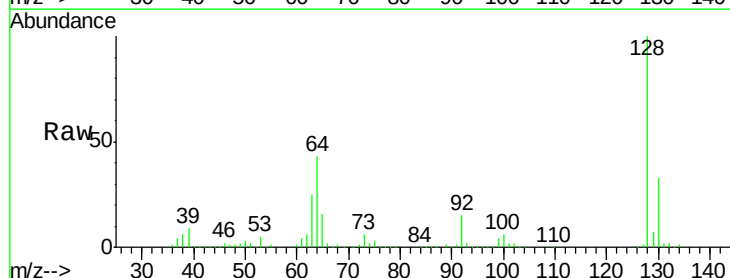
Tgt Ion: 128 Resp: 330220

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

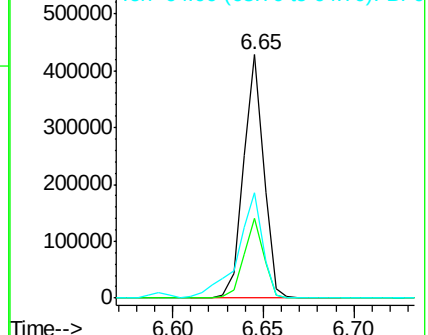
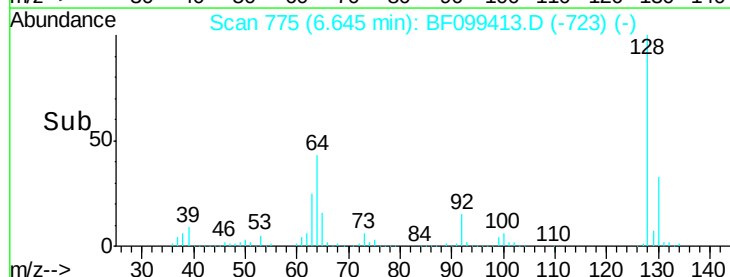
64 43.2 29.4 69.4

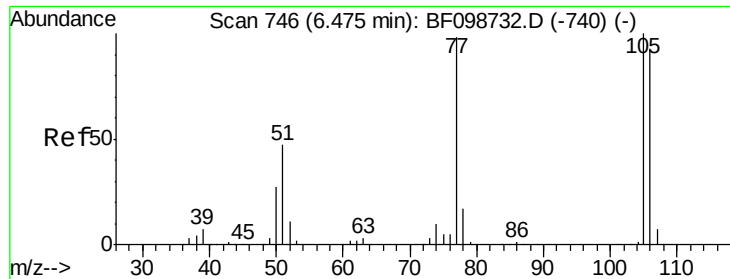


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.76 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

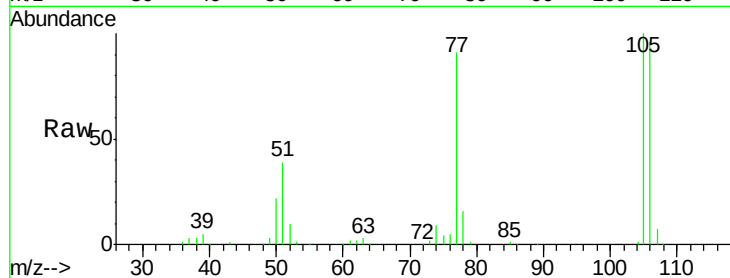
Tot Ion: 77 Resp: 118584

Ion Ratio Lower Upper

77 100

105 109.7 81.1 121.1

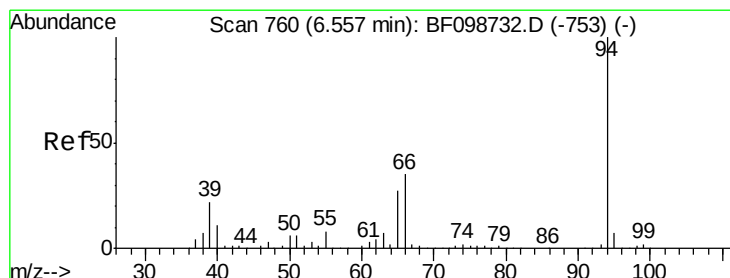
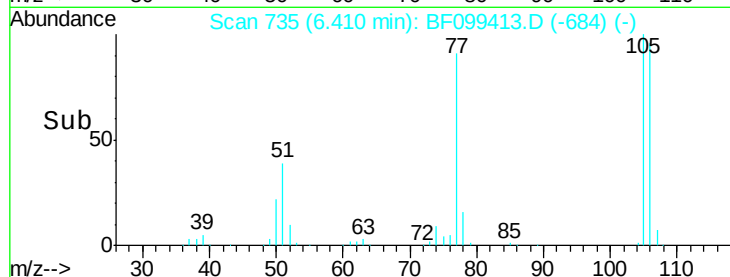
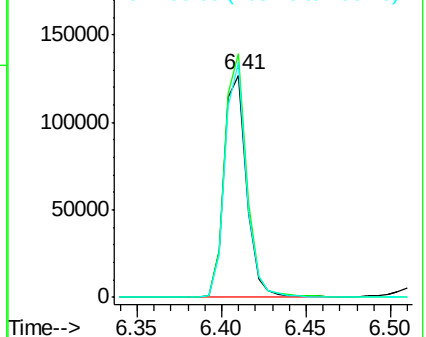
106 105.5 74.5 114.5



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: 41.31 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

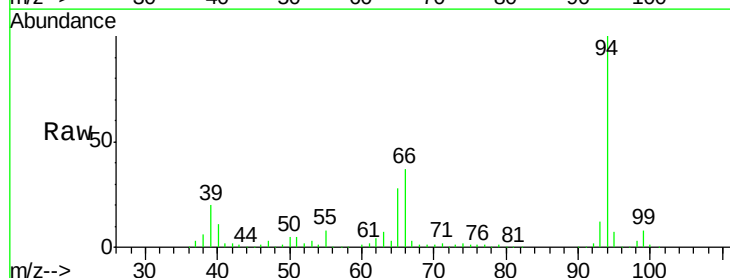
Tgt Ion: 94 Resp: 415040

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

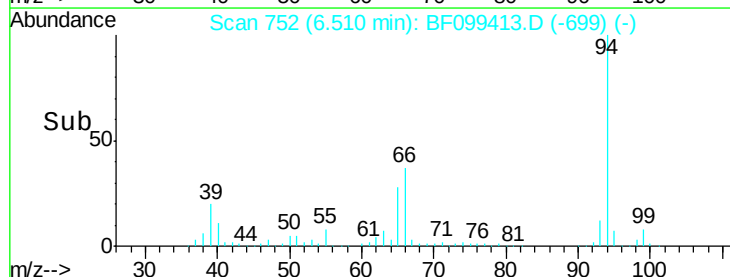
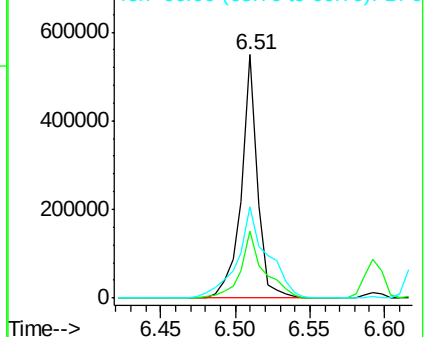
66 37.4 16.2 56.2

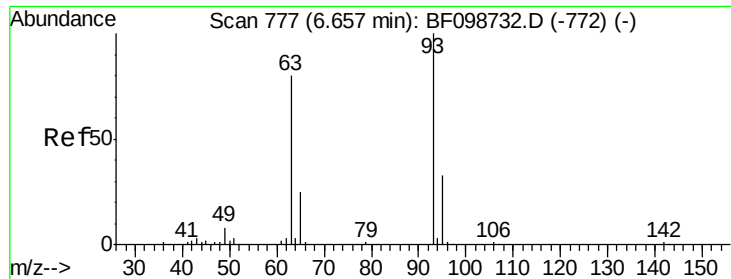


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

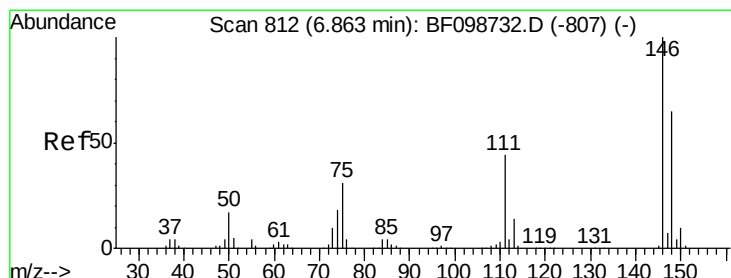
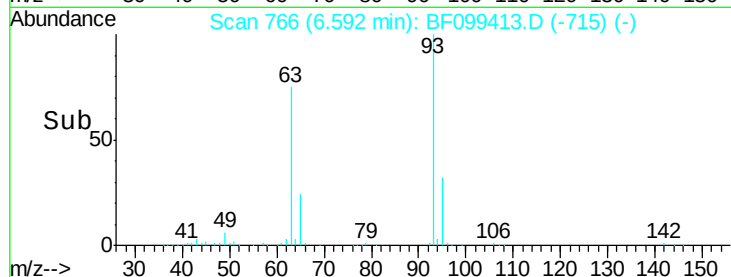
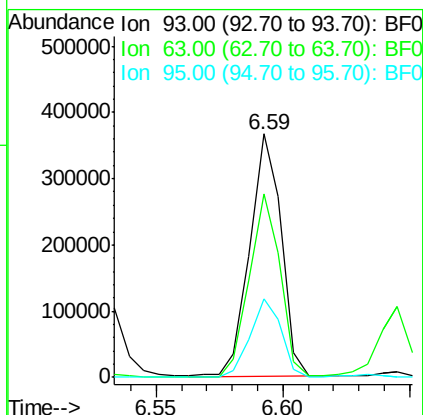
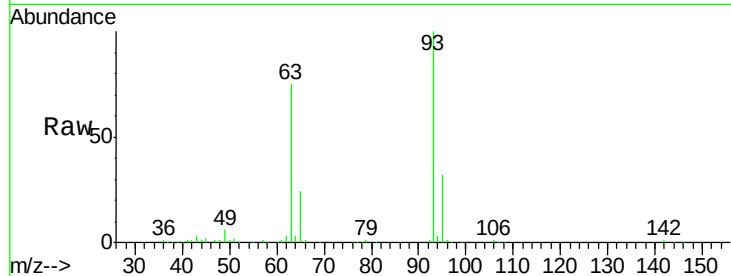




#11
bis(2-Chloroethyl)ether
Concen: 40.47 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

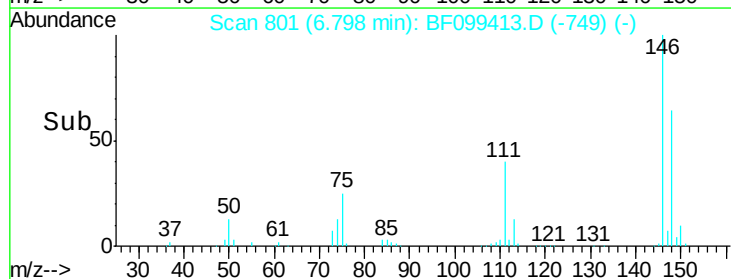
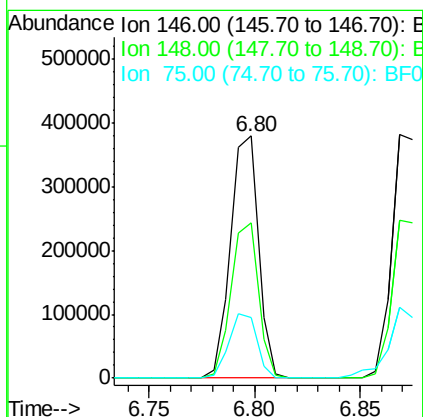
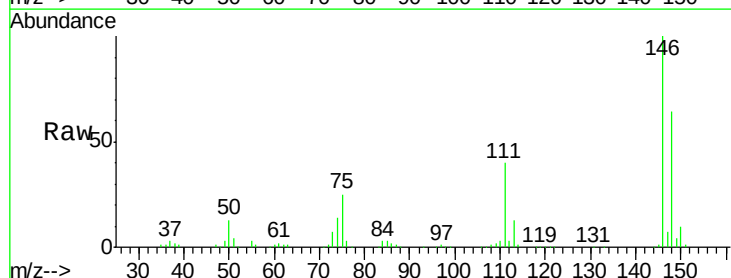
Instrument :
BNA_F
ClientSampleId :

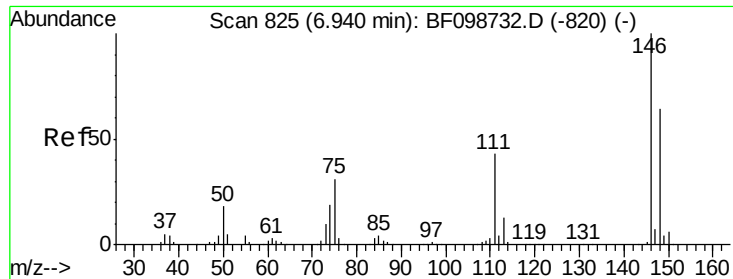
Tot Ion: 93 Resp: 316121
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.04 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion: 146 Resp: 345800
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 25.0 24.2 36.4

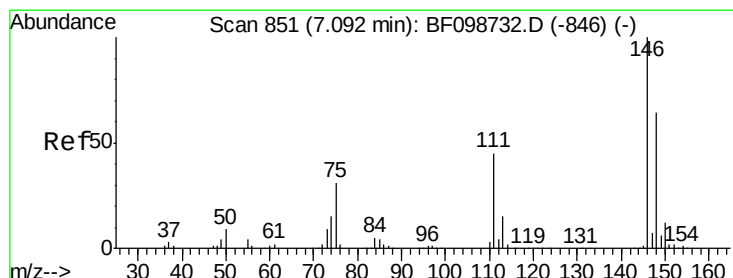
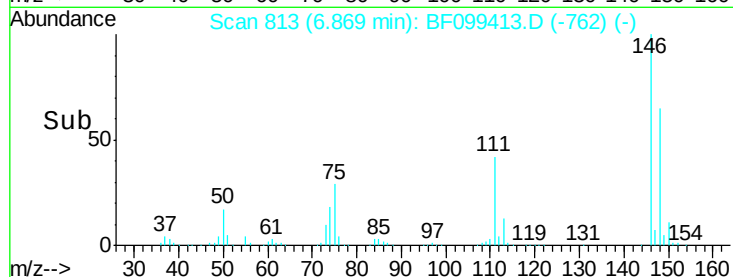
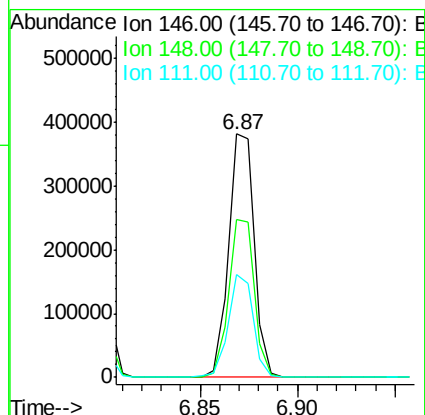
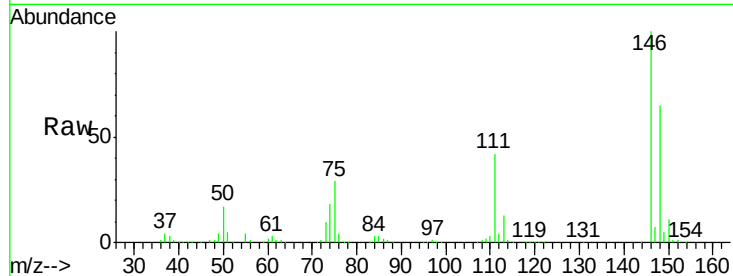




#13
 1,4-Dichlorobenzene
 Concen: 39.48 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

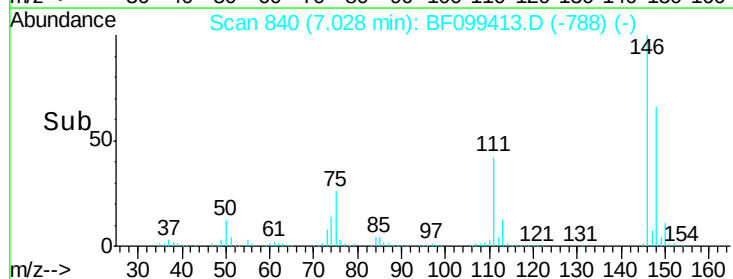
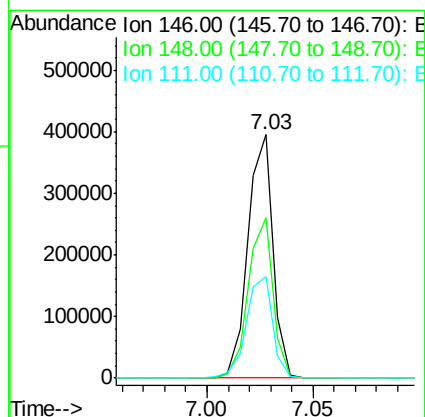
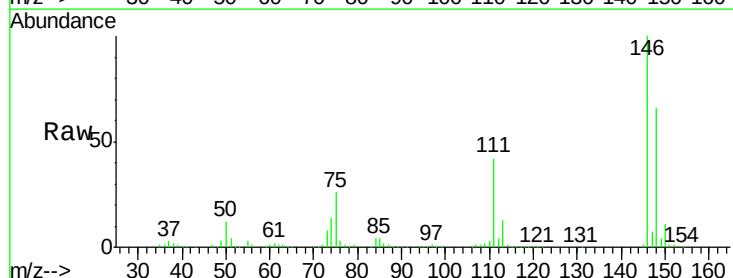
Instrument :
 BNA_F
 ClientSampled :

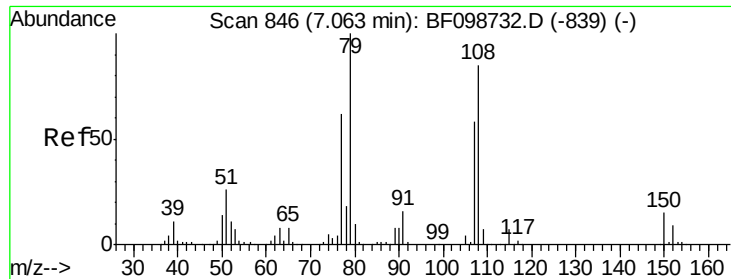
Tot Ion:146 Resp: 346922
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.97 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:146 Resp: 324493
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 75.8
 111 41.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.82 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

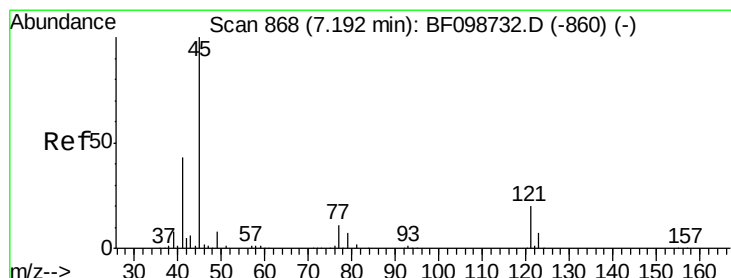
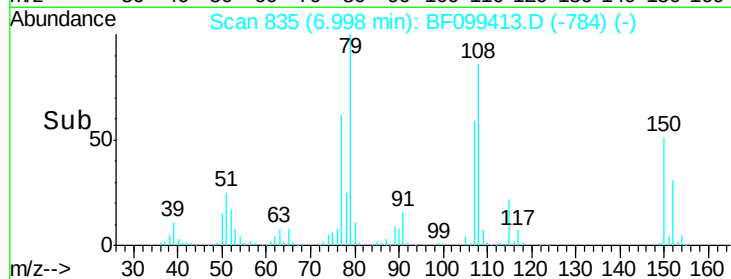
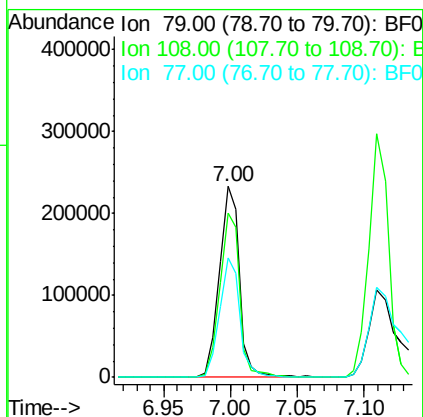
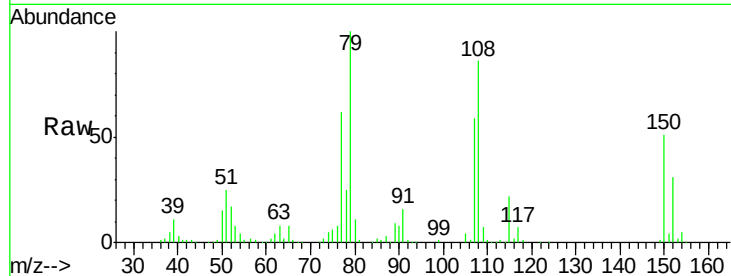
Tot Ion: 79 Resp: 249209

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.16 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

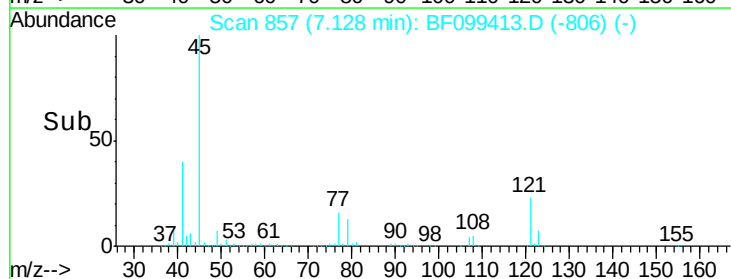
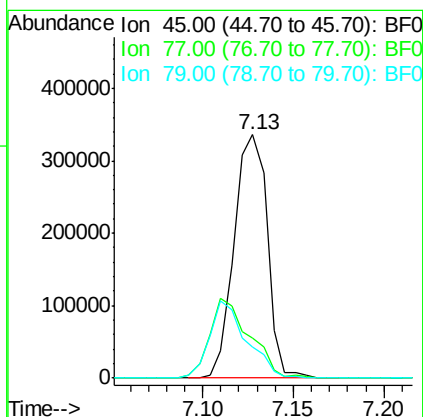
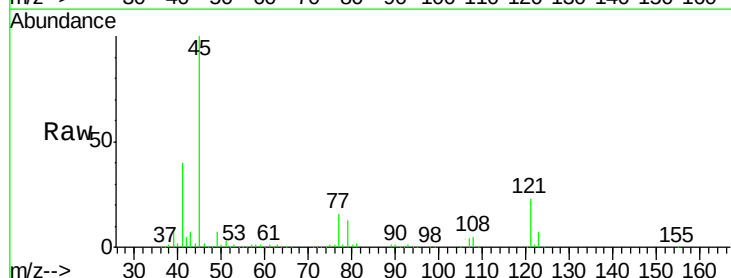
Tgt Ion: 45 Resp: 427887

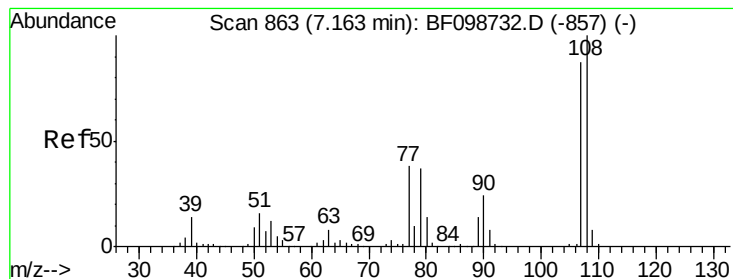
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 12.9 0.0 29.6

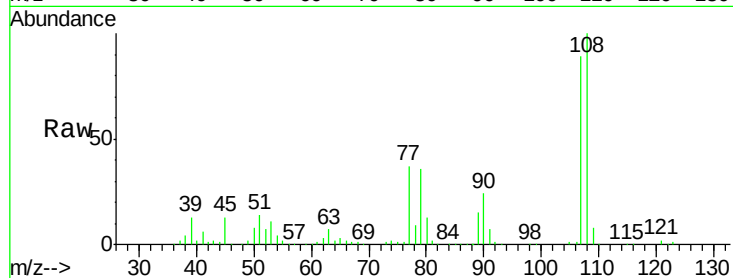




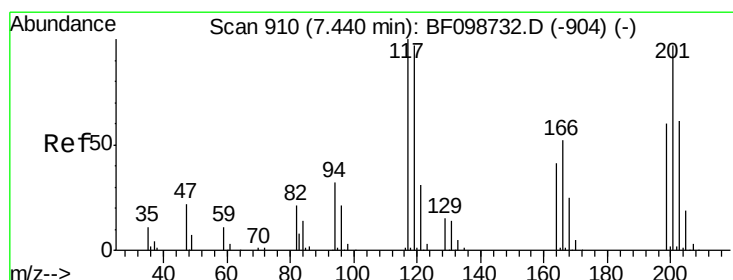
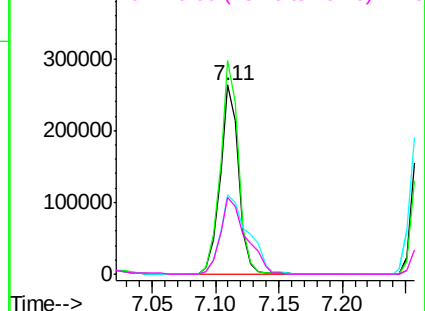
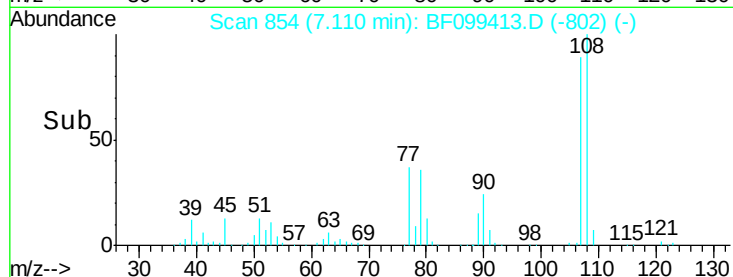
#17
2-Methylphenol
Concen: 40.10 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 270565
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 41.8 33.8 50.8
79 40.6 33.8 50.8

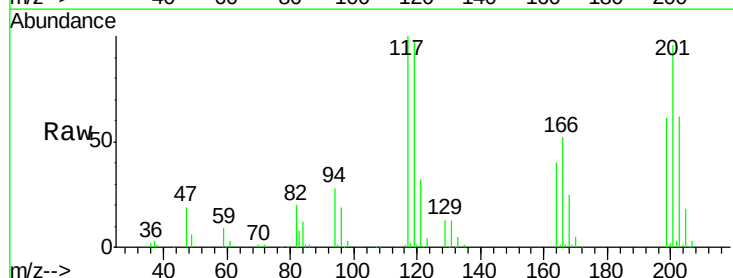


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

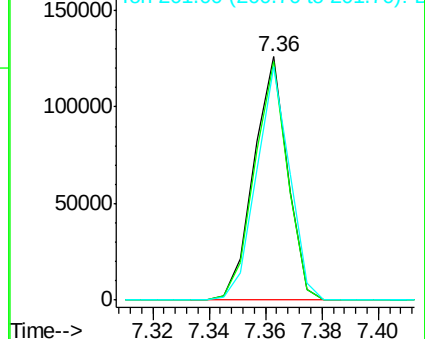
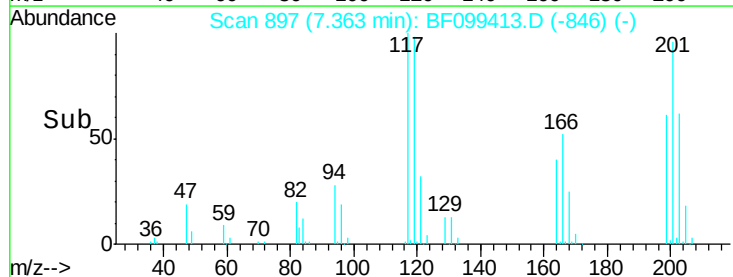


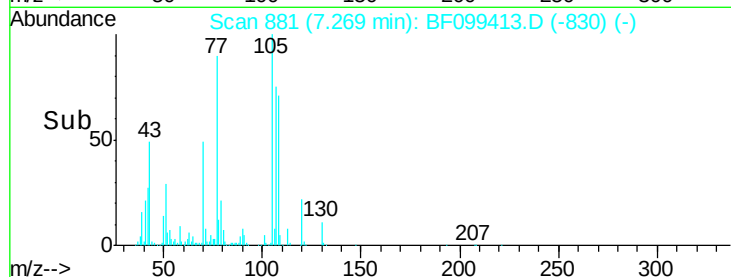
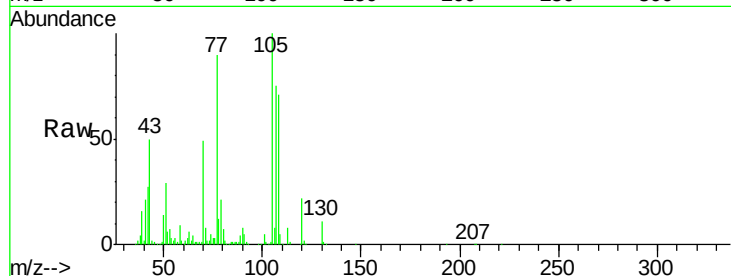
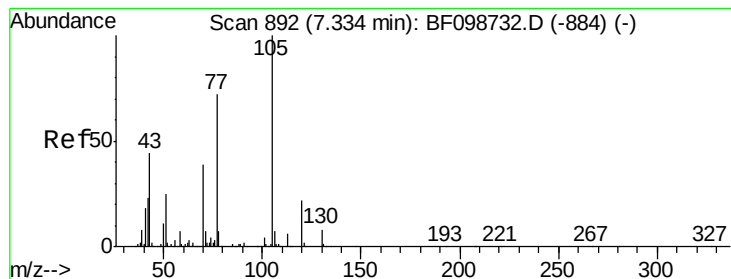
#18
Hexachloroethane
Concen: 32.81 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:117 Resp: 103635
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 96.0 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: 35.46 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 203395

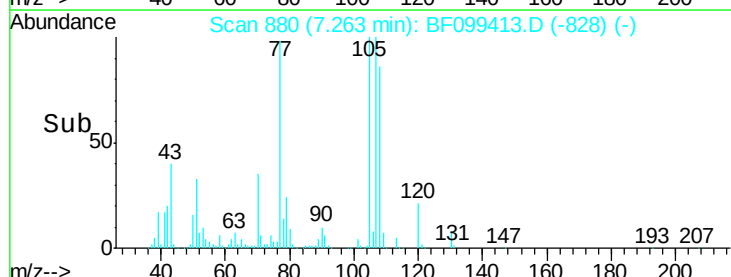
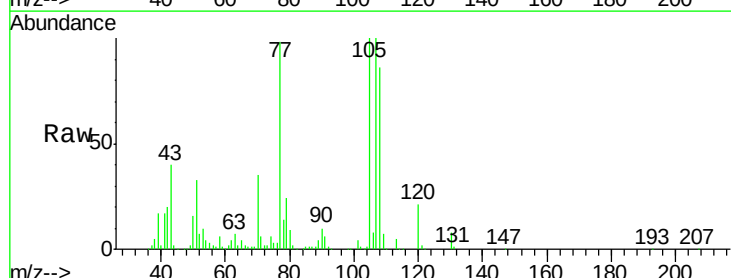
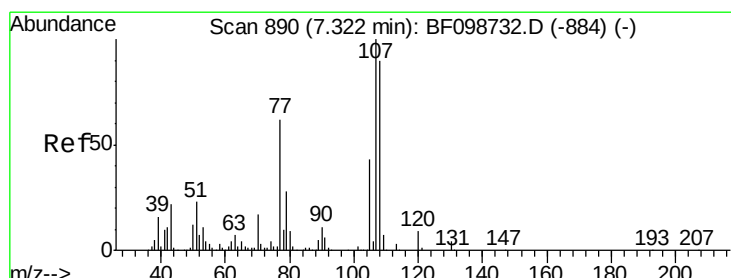
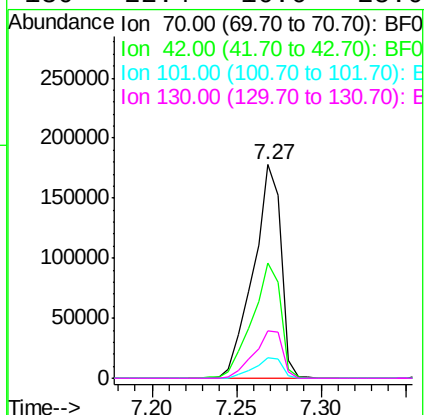
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 9.9 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.80 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Tgt Ion:107 Resp: 314105

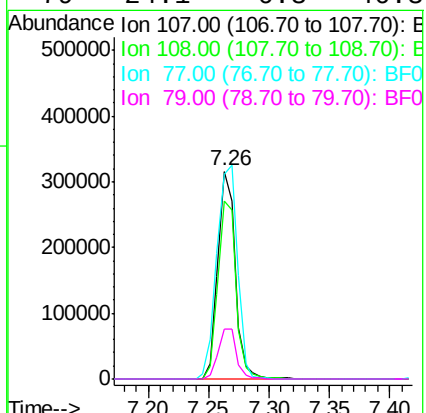
Ion Ratio Lower Upper

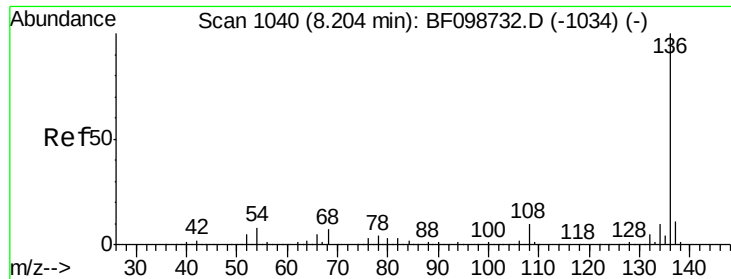
107 100

108 85.8 68.2 108.2

77 98.4 26.7 66.7#

79 24.1 6.3 46.3

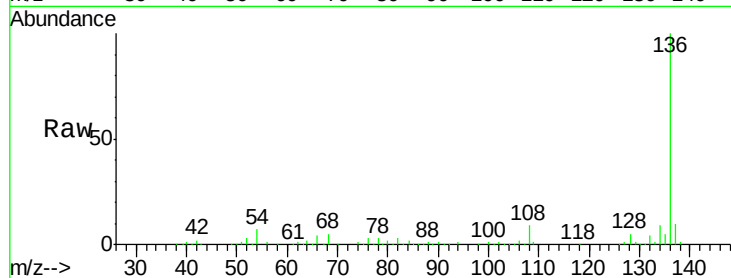




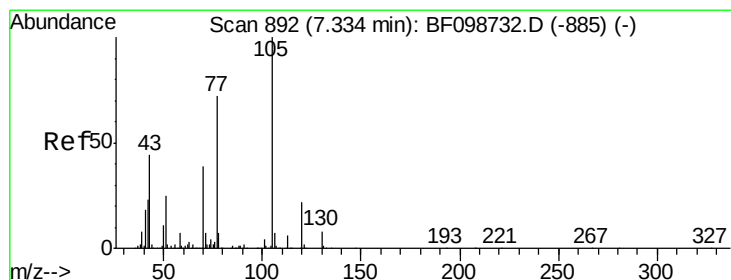
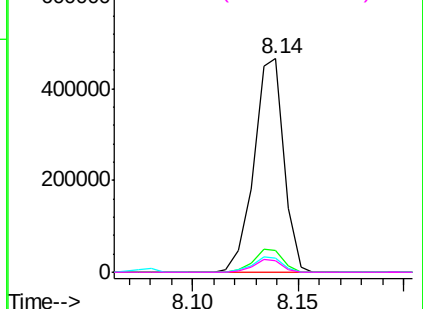
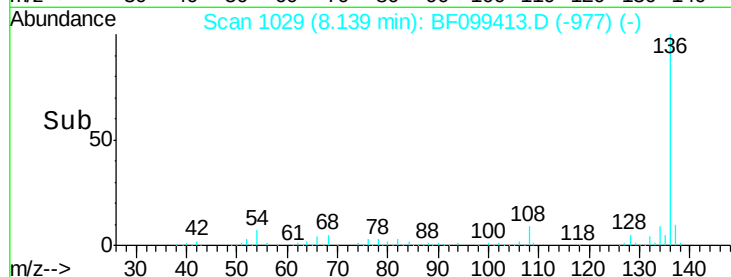
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	460173
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.7	6.6 9.8
68	5.4	5.0 7.4

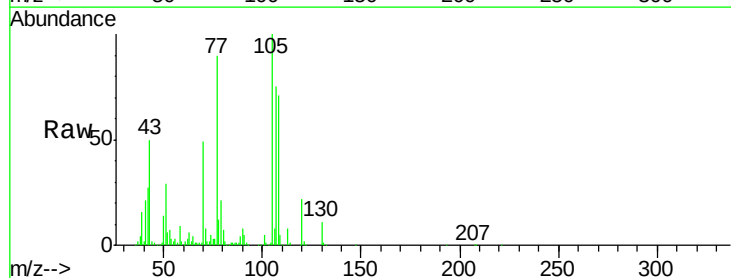


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

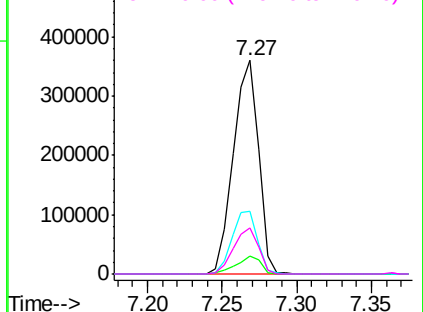
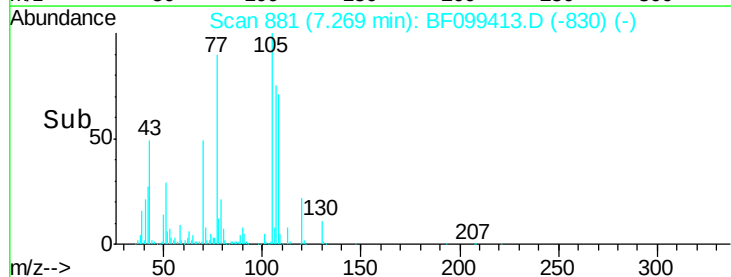


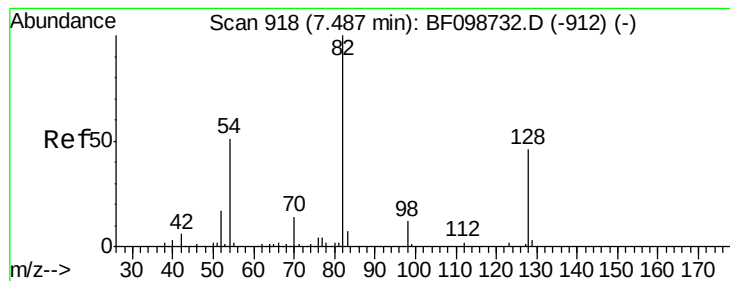
#22
Acetophenone
Concen: 38.30 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:105	Resp:	427001
Ion Ratio	Lower	Upper
105	100	
71	8.1	4.4 6.6#
51	29.4	22.3 33.5
120	21.9	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: 88.07 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

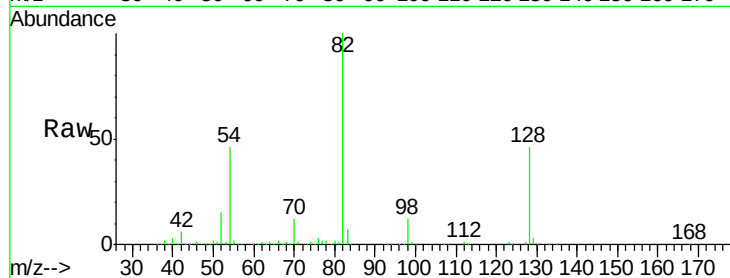
Tot Ion: 82 Resp: 631985

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

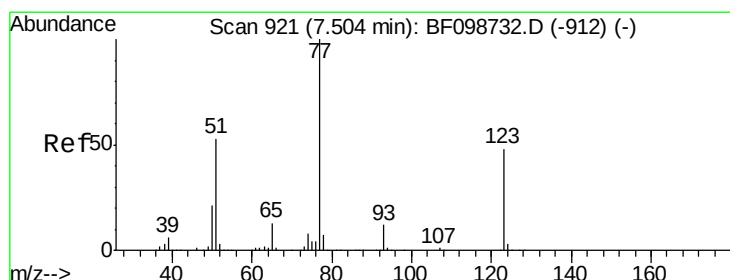
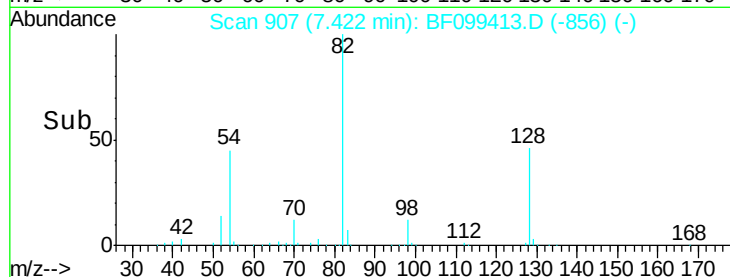
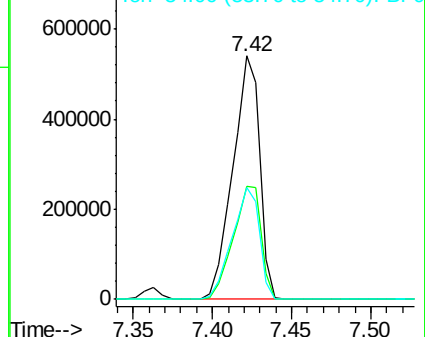
54 45.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.74 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

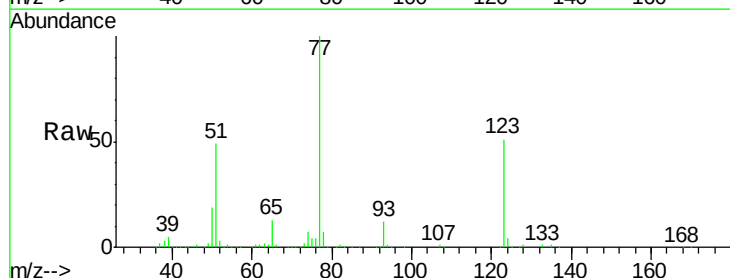
Tgt Ion: 77 Resp: 323488

Ion Ratio Lower Upper

77 100

123 50.9 37.9 56.9

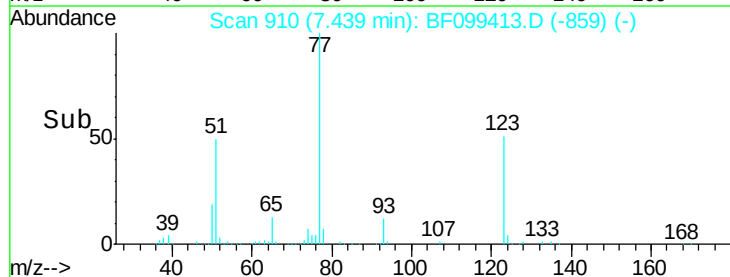
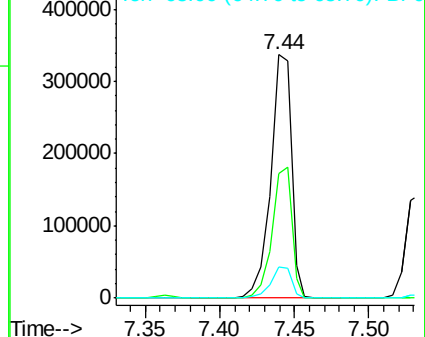
65 12.8 11.0 16.4

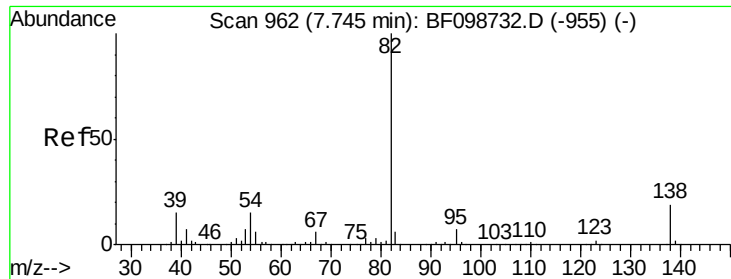


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.89 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

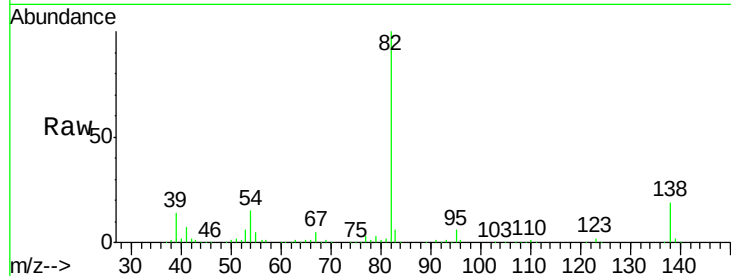
Tot Ion: 82 Resp: 591814

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

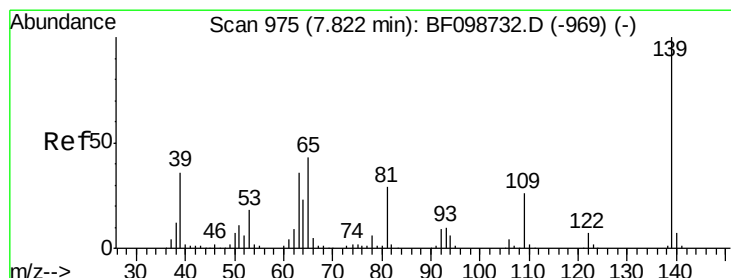
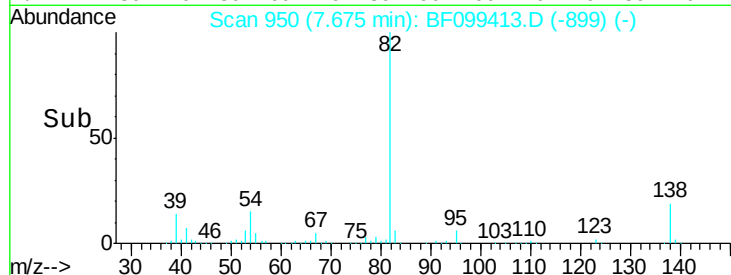
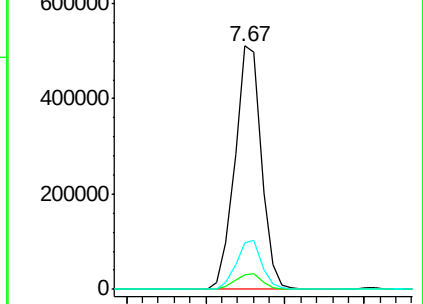
138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.44 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

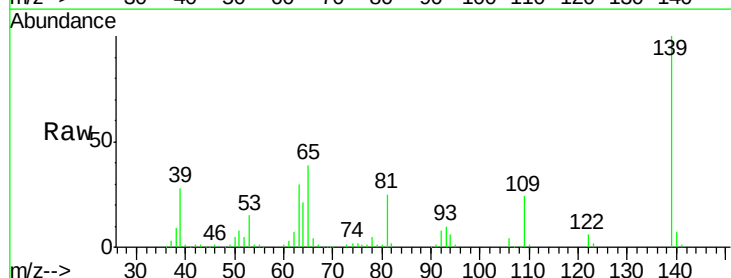
Tgt Ion: 139 Resp: 162216

Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

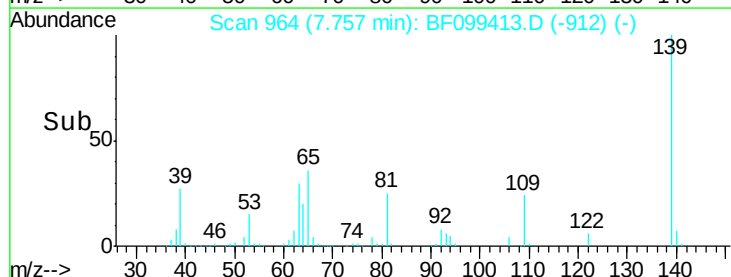
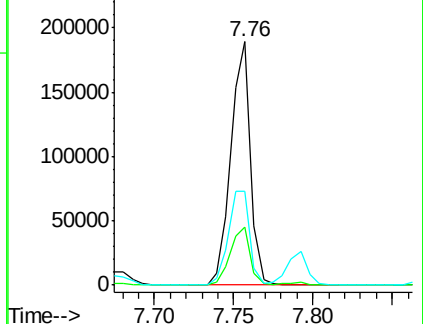
65 38.6 40.5 60.7#

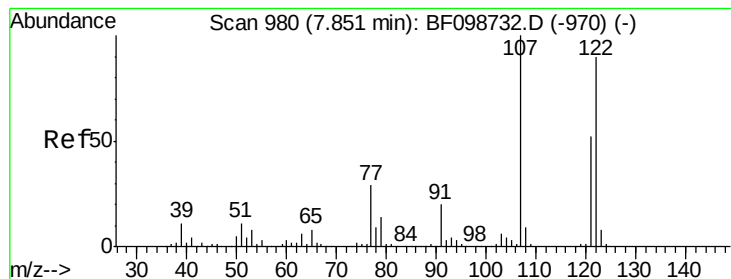


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.44 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099413.D

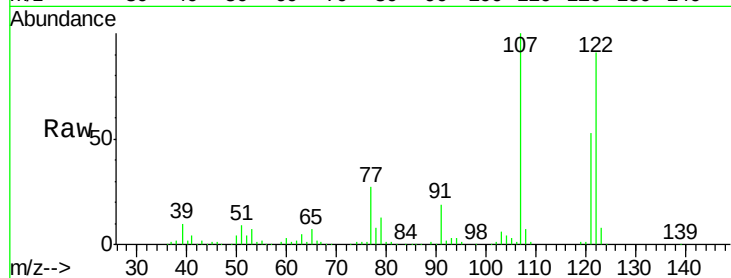
Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampled :

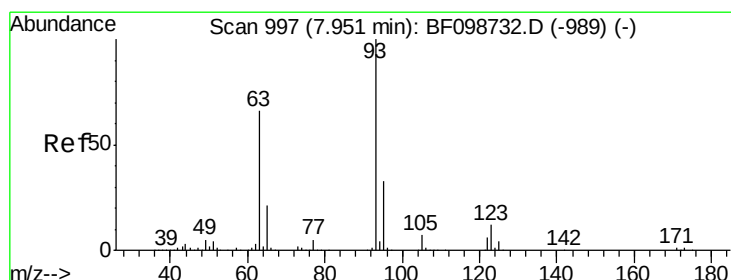
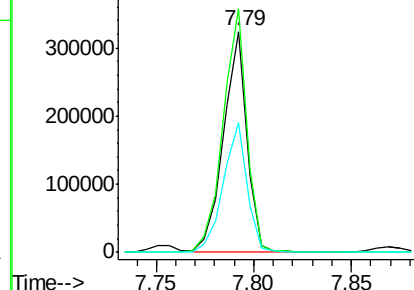
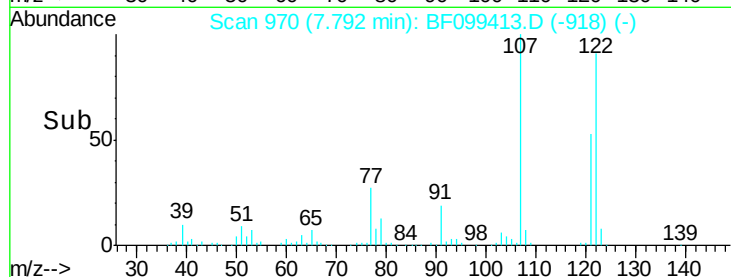
Tot Ion	122	Resp	269384
Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	58.4	47.2	70.8



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: 42.31 ng

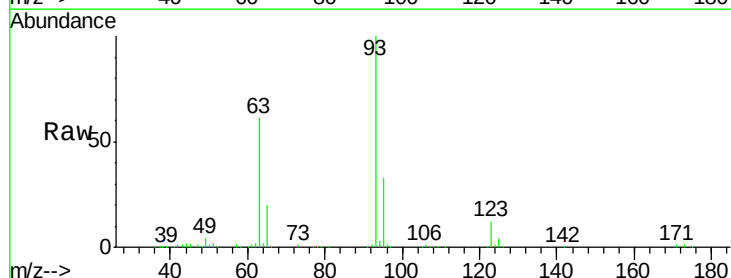
RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

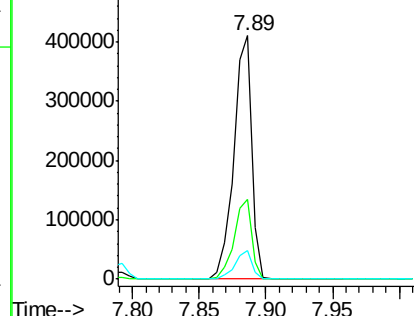
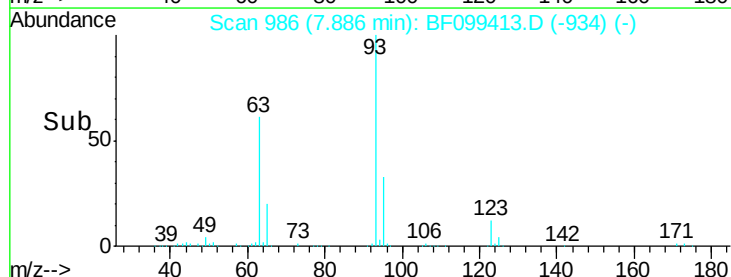
Tgt Ion	93	Resp	391163
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.8	9.8	14.6

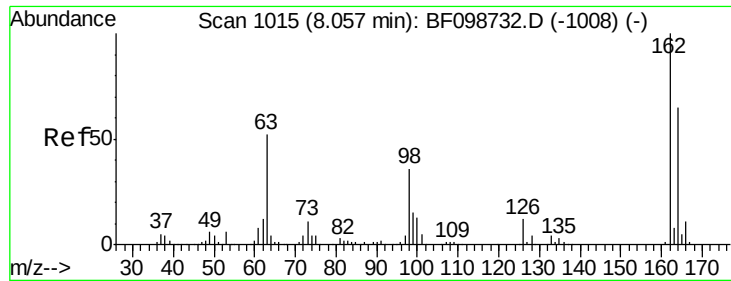


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

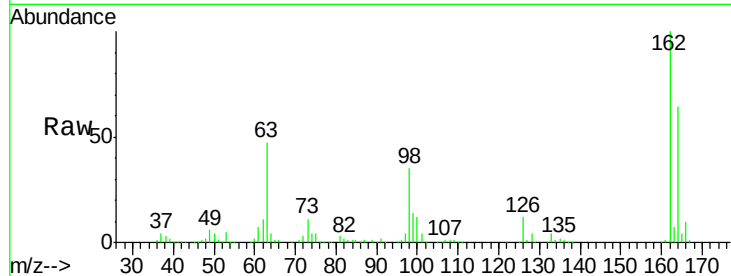




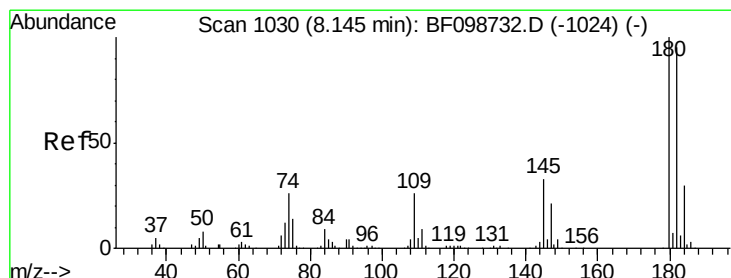
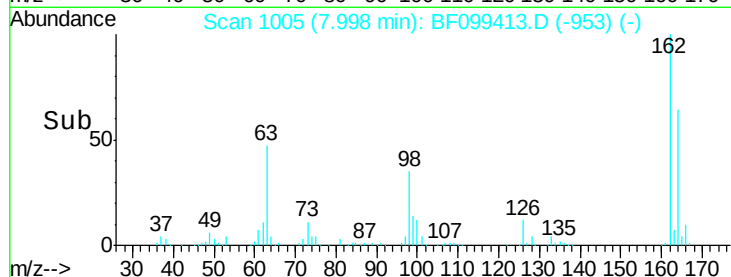
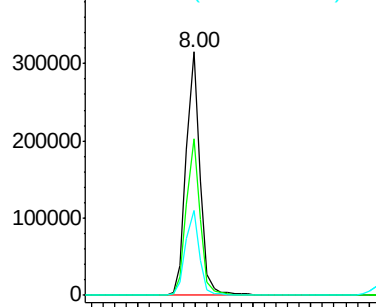
#29
 2,4-Dichlorophenol
 Concen: 41.79 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 265234
 Ion Ratio Lower Upper
 162 100
 164 64.5 42.7 82.7
 98 35.0 18.1 58.1

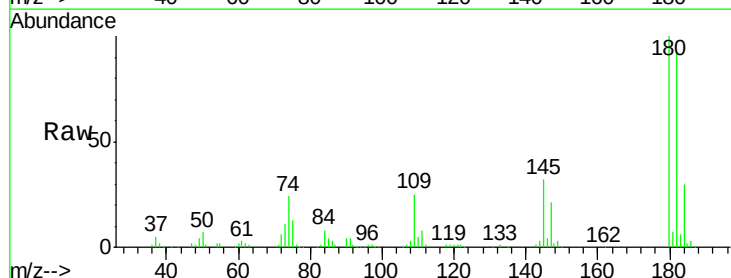


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

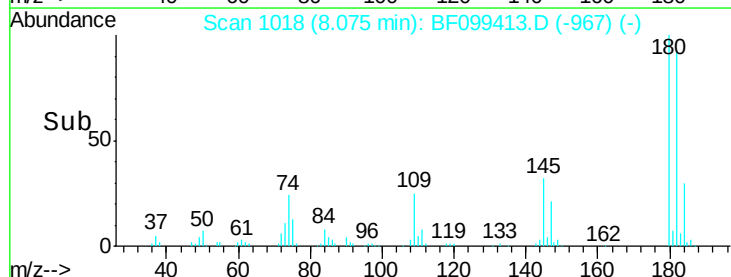
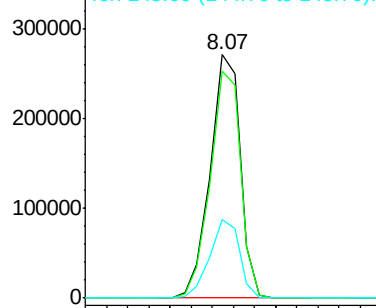


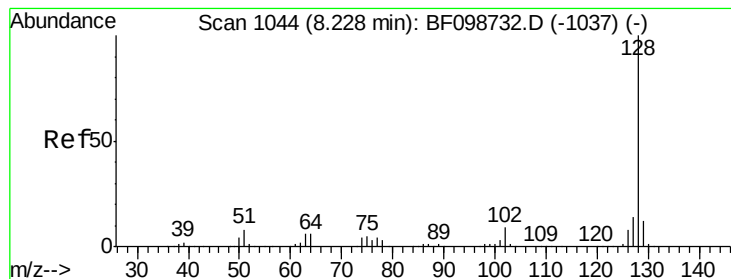
#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:180 Resp: 267764
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 32.4 26.5 39.7



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





#31

Naphthalene

Concen: 40.96 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

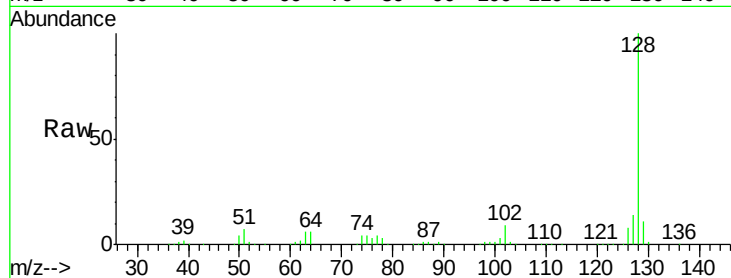
Tot Ion:128 Resp: 885257

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

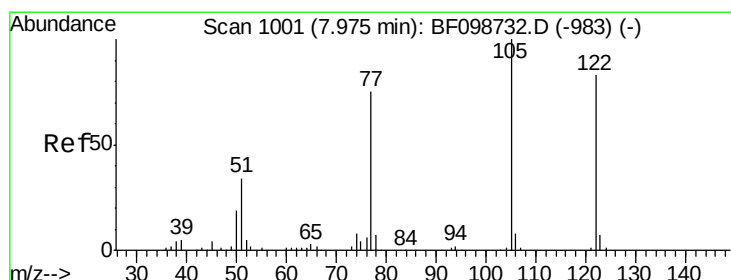
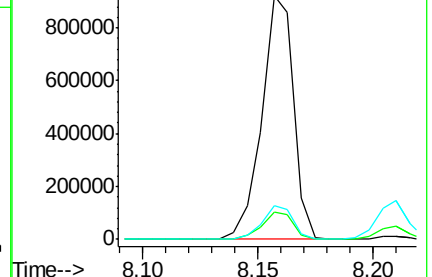
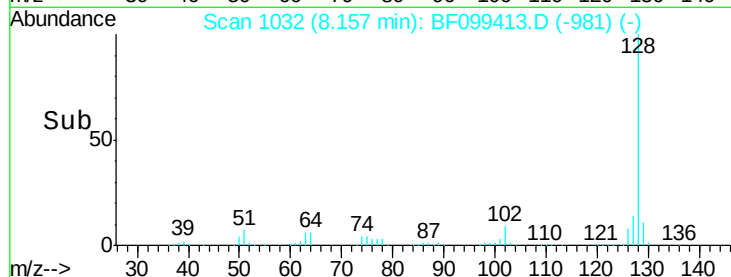
127 13.8 10.9 16.3



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: 44.36 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.12 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

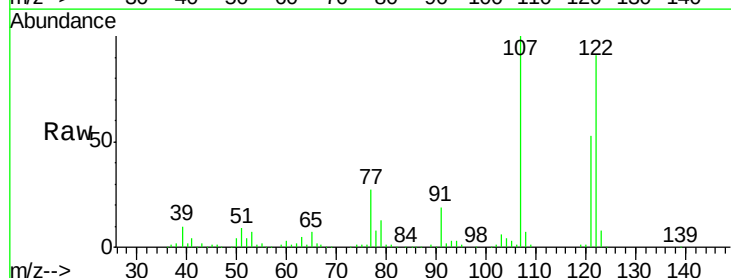
Tgt Ion:122 Resp: 269384

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

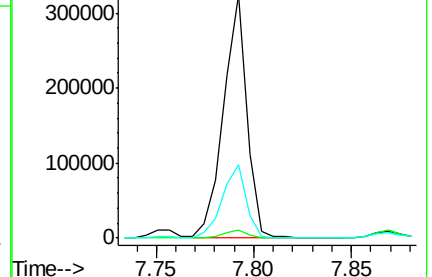
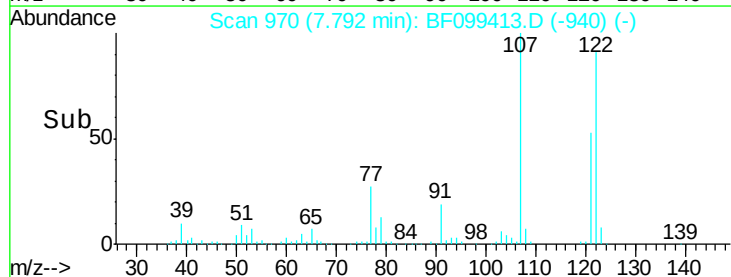
77 29.9 70.7 110.7#

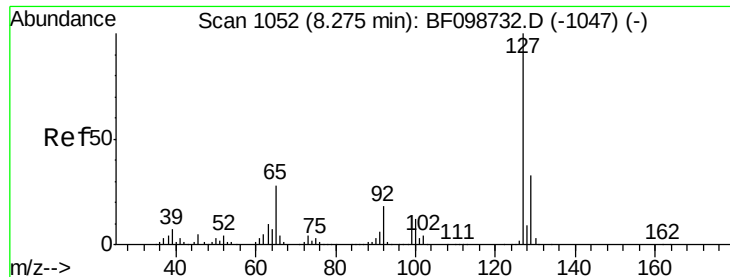


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

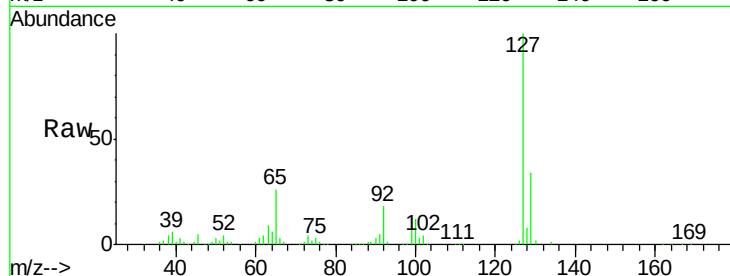




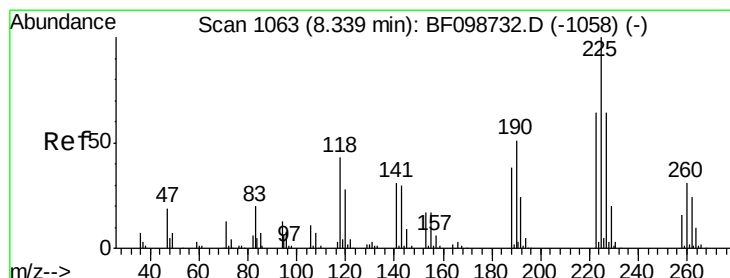
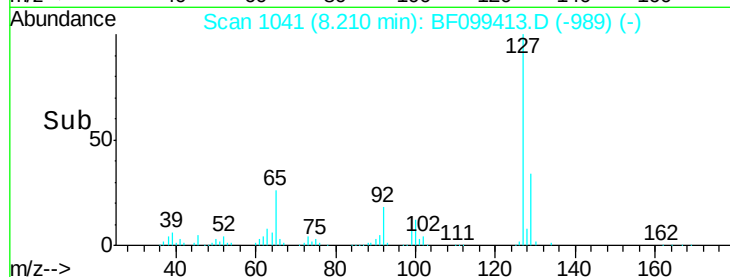
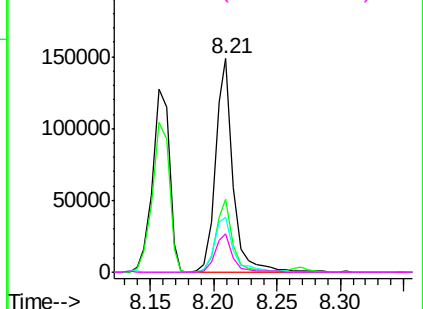
#33
4-Chloroaniline
Concen: 15.98 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	144188
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.9	38.9
65	25.8	25.0	37.4
92	17.8	15.2	22.8

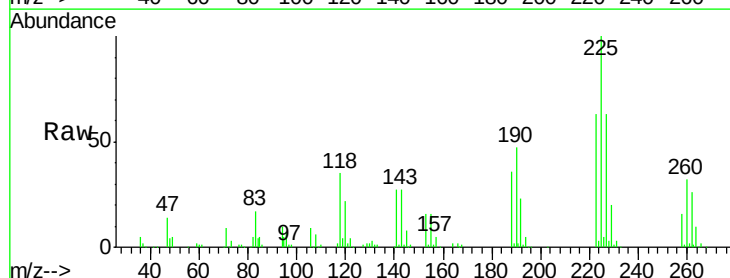


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

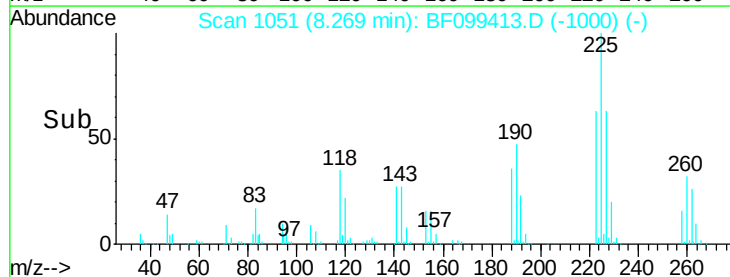
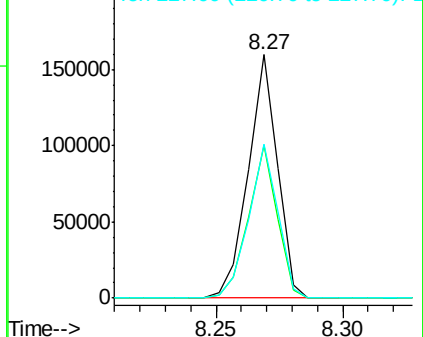


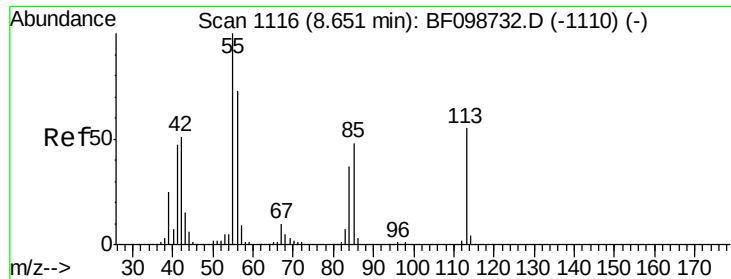
#34
Hexachlorobutadiene
Concen: 39.26 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:	225	Resp:	128351
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

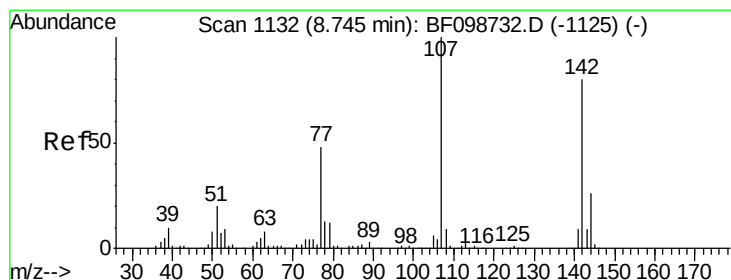
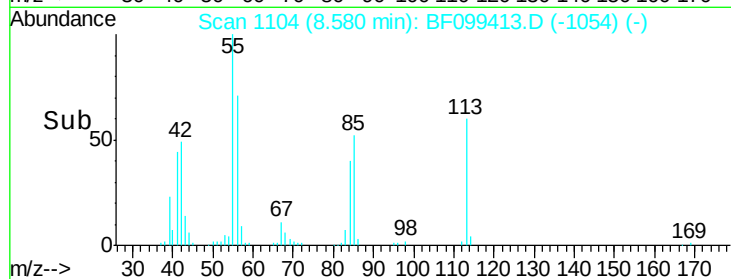
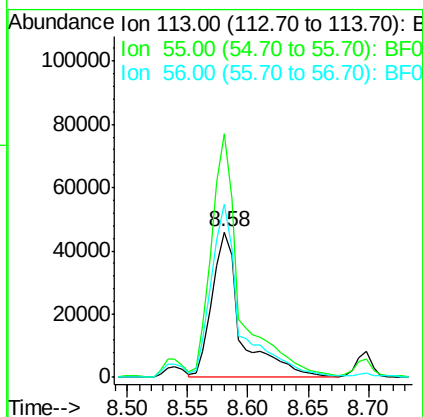
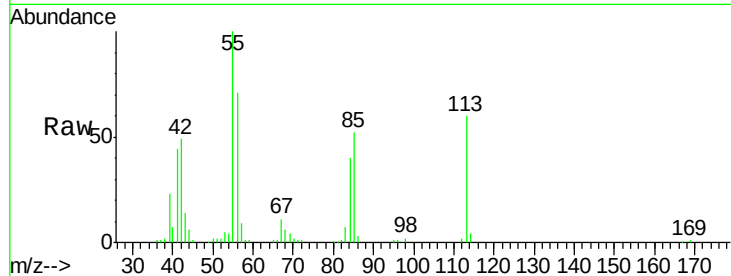




#35
 Caprolactam
 Concen: 37.86 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

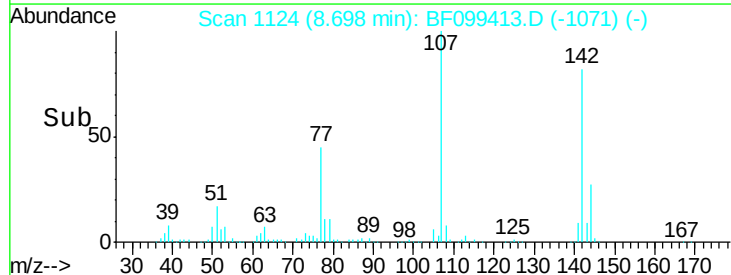
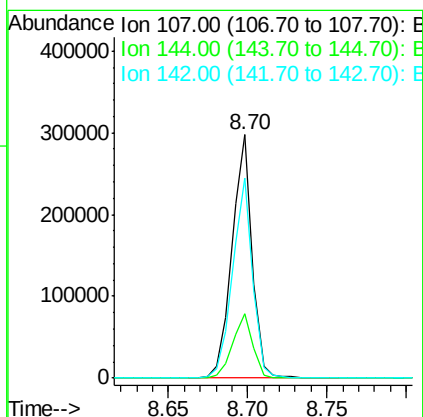
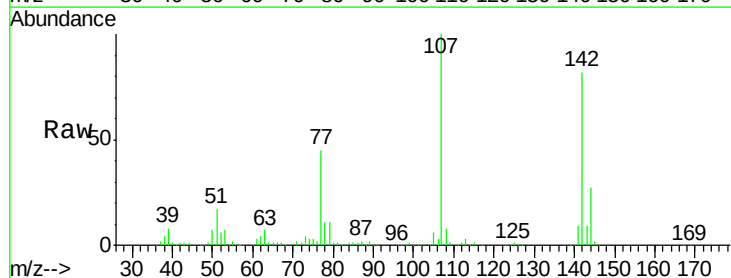
Instrument :
 BNA_F
 ClientSampleId :

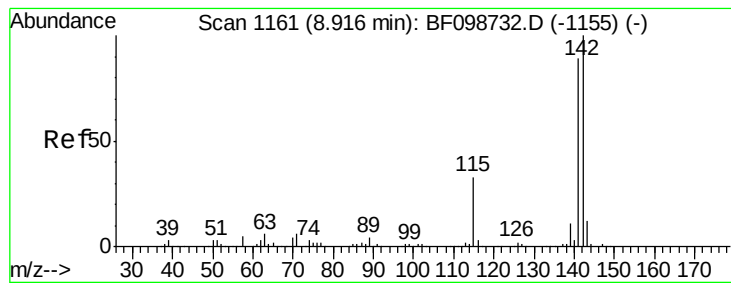
Tot Ion:113 Resp: 77085
 Ion Ratio Lower Upper
 113 100
 55 167.6 163.3 203.3
 56 119.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.76 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:107 Resp: 262258
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 82.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.61 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampled :

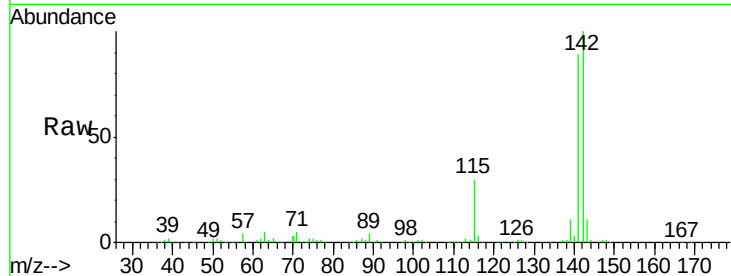
Tot Ion:142 Resp: 584671

Ion Ratio Lower Upper

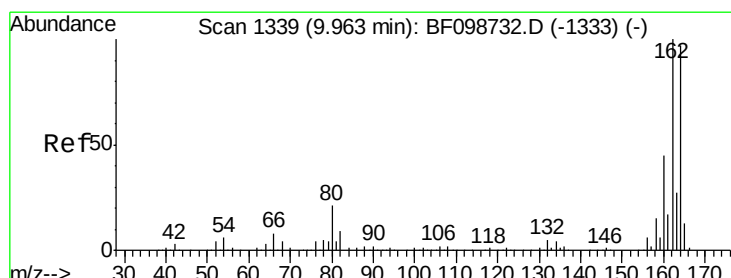
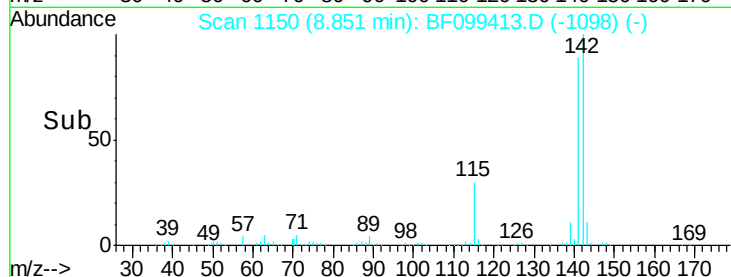
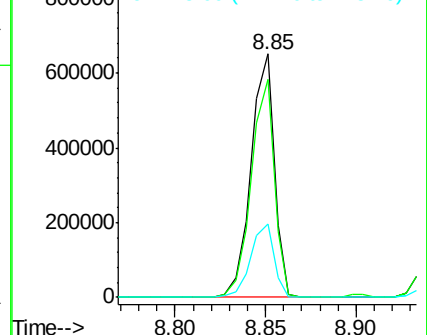
142 100

141 89.5 70.8 106.2

115 30.1 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: BF099413.D

Acq: 12 Oct 2017 23:47

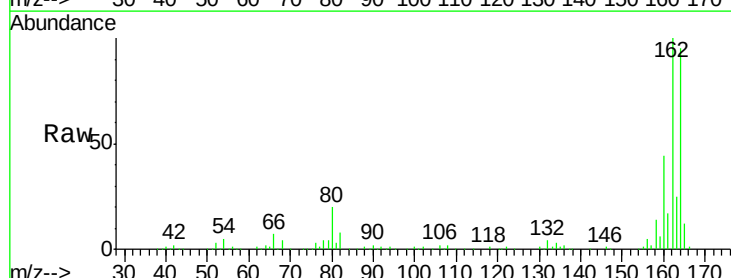
Tgt Ion:164 Resp: 181079

Ion Ratio Lower Upper

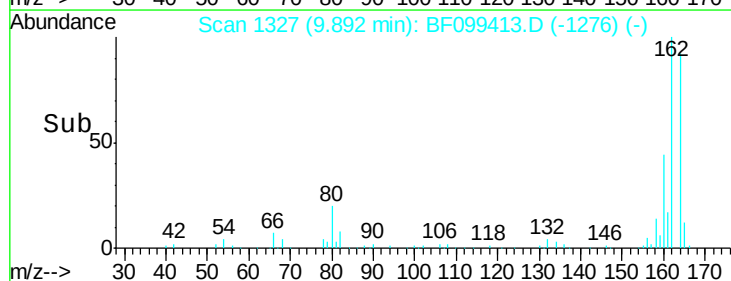
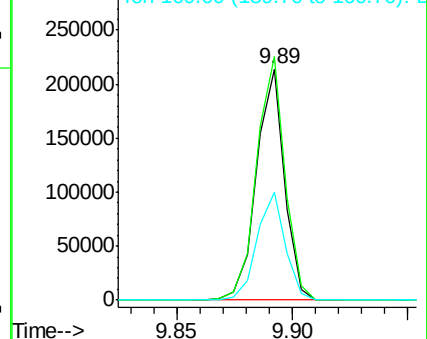
164 100

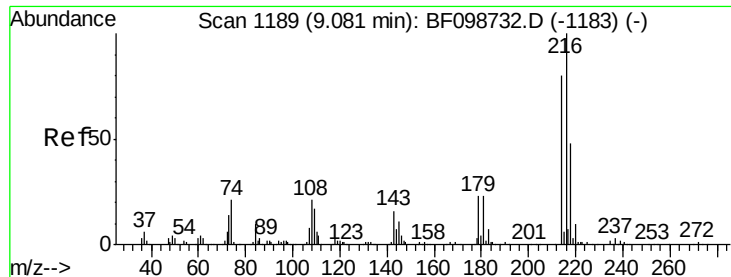
162 105.2 86.1 129.1

160 46.4 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: 42.66 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 230362

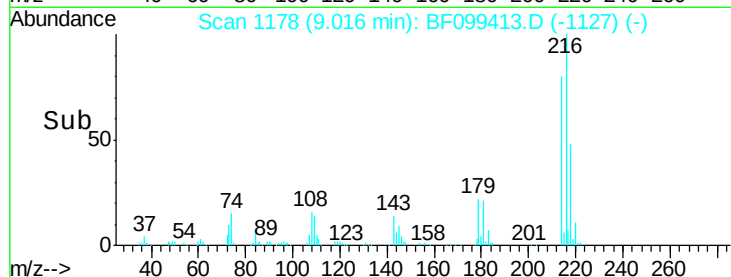
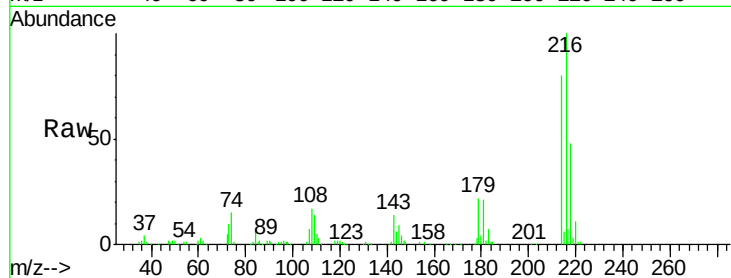
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.2 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

Time--> 8.95 9.00 9.05

9.02

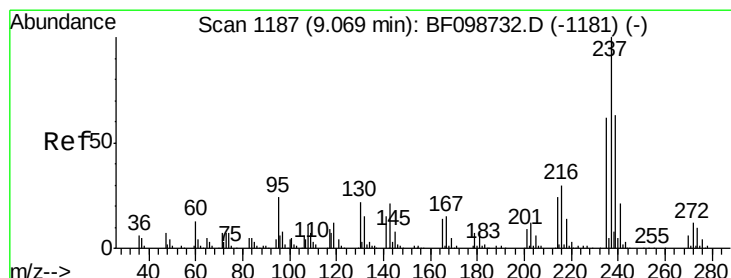
400000

300000

200000

100000

0



#40

Hexachlorocyclopentadiene

Concen: 7.41 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

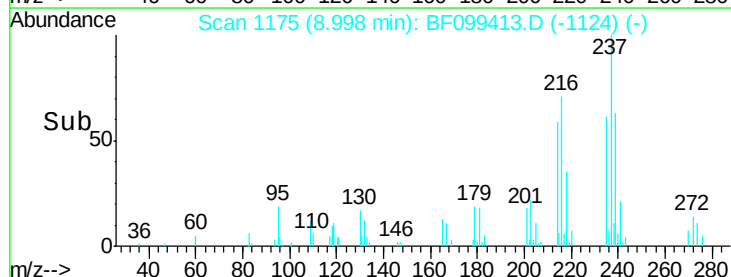
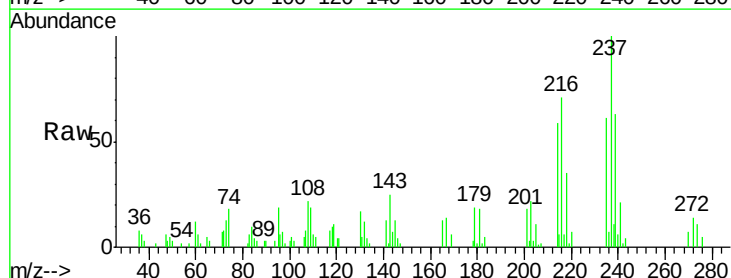
Tgt Ion:237 Resp: 18279

Ion Ratio Lower Upper

237 100

235 61.0 44.8 84.8

272 14.0 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

Time--> 8.96 8.98 9.00 9.02 9.04

9.00

25000

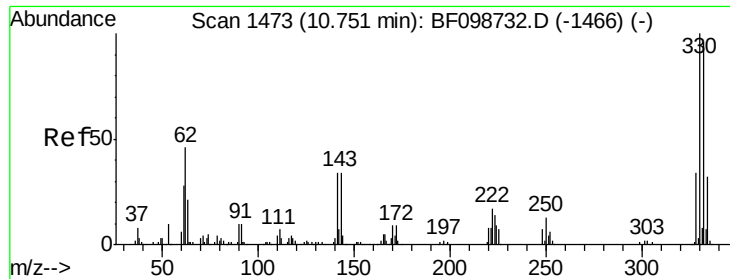
20000

15000

10000

5000

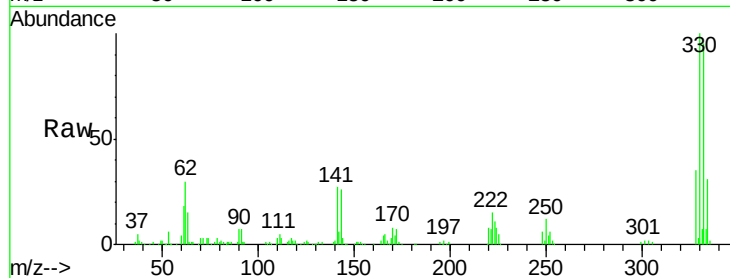
0



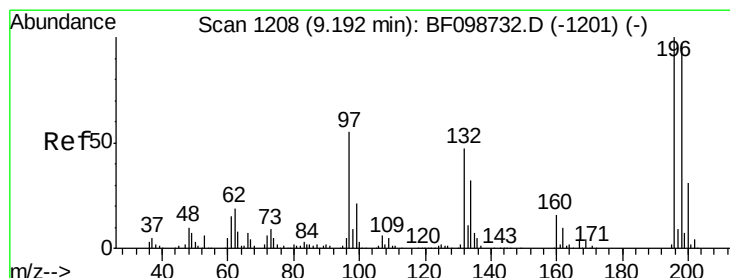
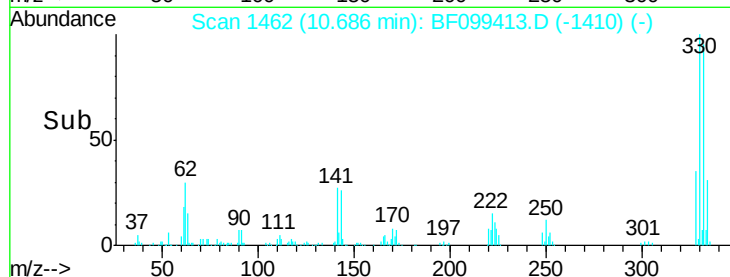
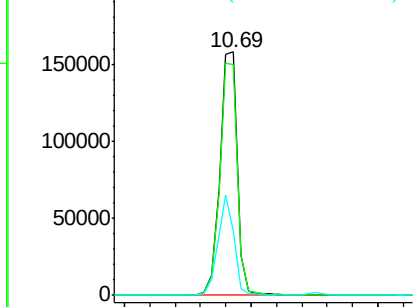
#41
 2,4,6-Tribromophenol
 Concen: 103.17 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 152868
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 38.1 29.9 44.9

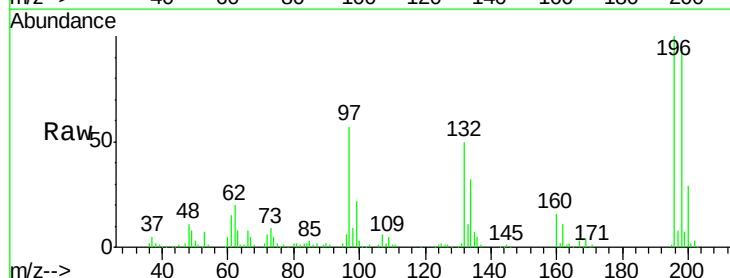


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

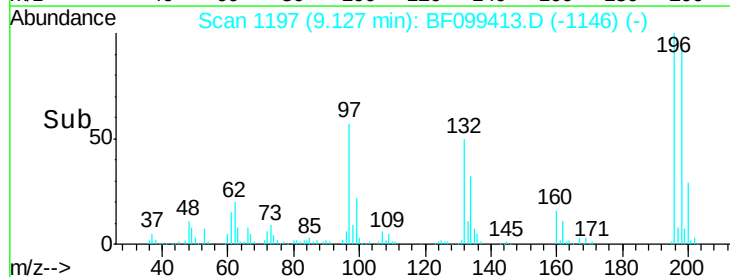
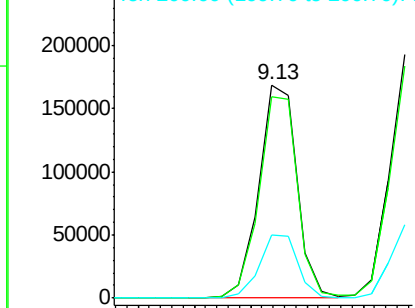


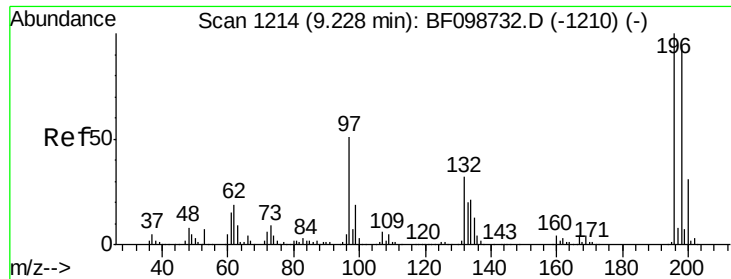
#42
 2,4,6-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:196 Resp: 158466
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.3 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

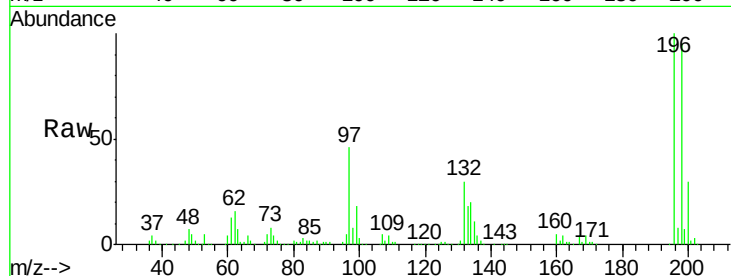




#43
 2,4,5-Trichlorophenol
 Concen: 41.32 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	157812
Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	46.3	42.9	64.3
132	29.9	26.3	39.5



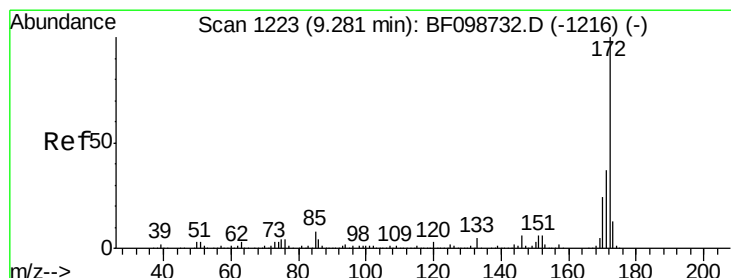
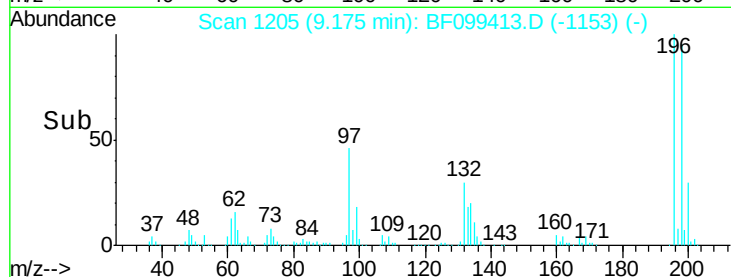
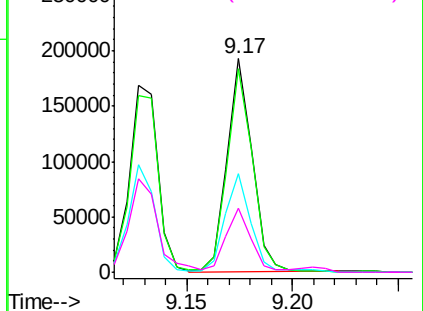
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

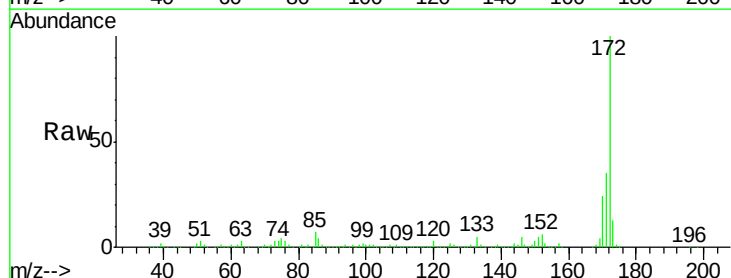
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion	172	Resp	1018002
Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.8	19.6	29.4

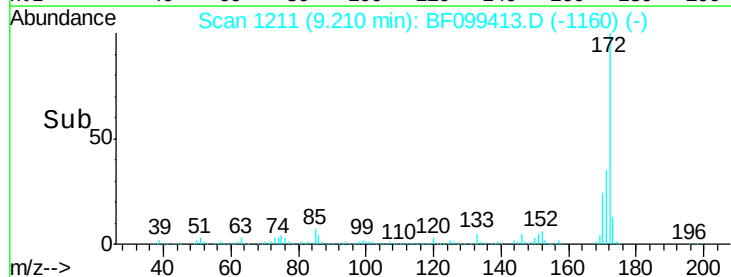
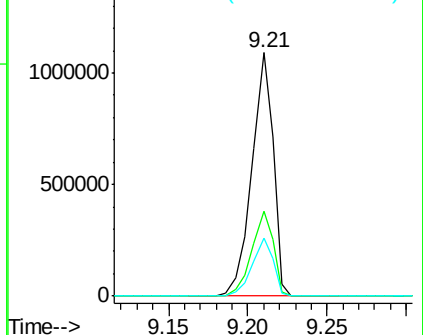


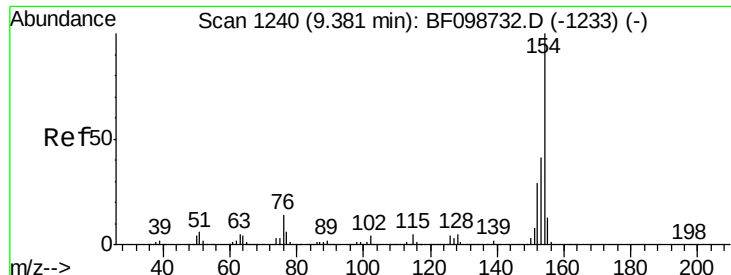
Abundance

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

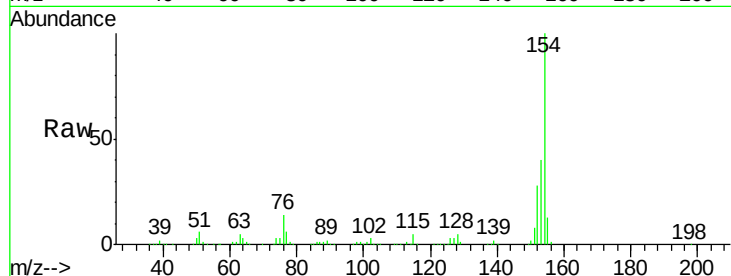




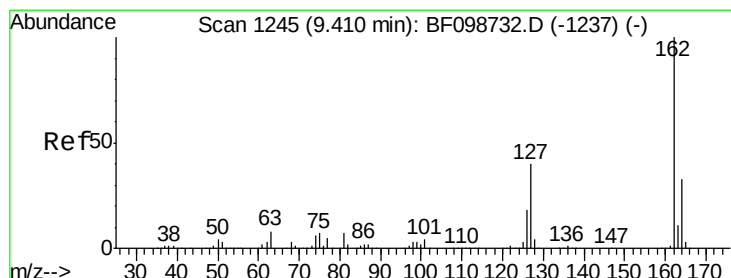
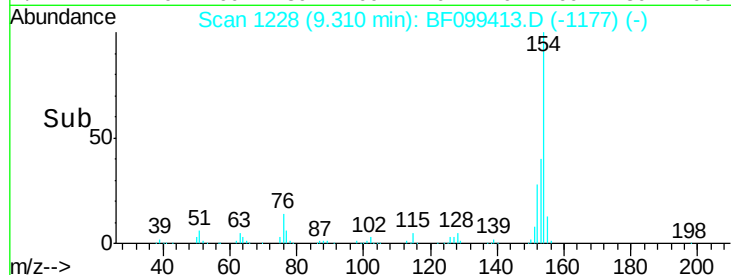
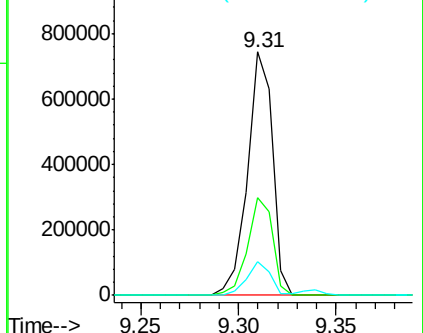
#45
 1,1'-Biphenyl
 Concen: 42.40 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	13.7	0.0	34.0

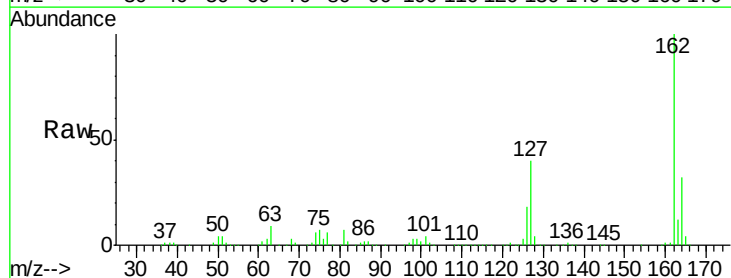


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

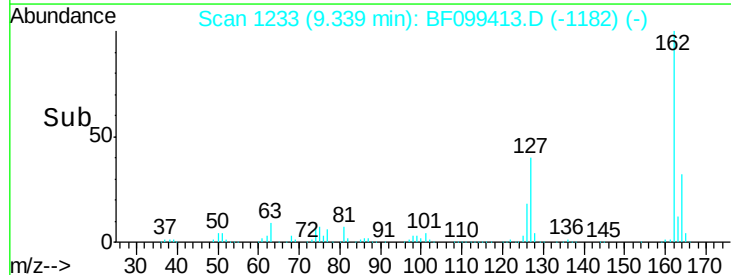
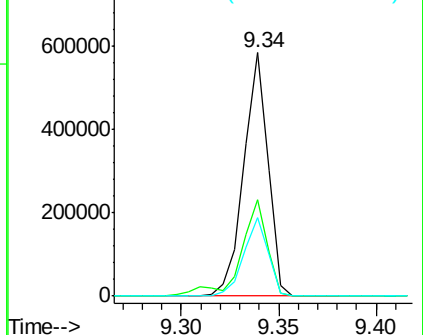


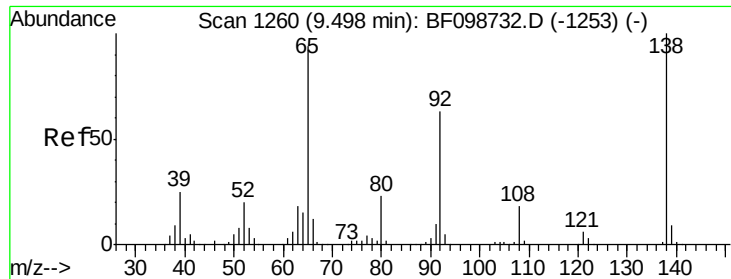
#46
 2-Chloronaphthalene
 Concen: 43.08 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	32.3	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

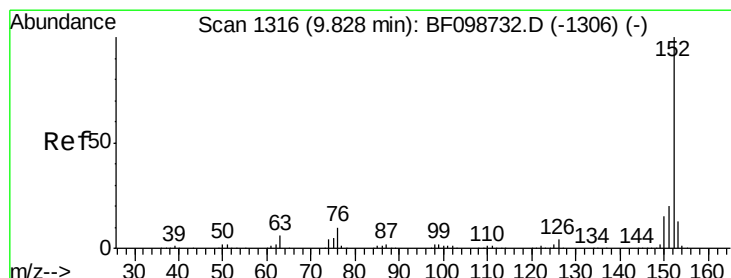
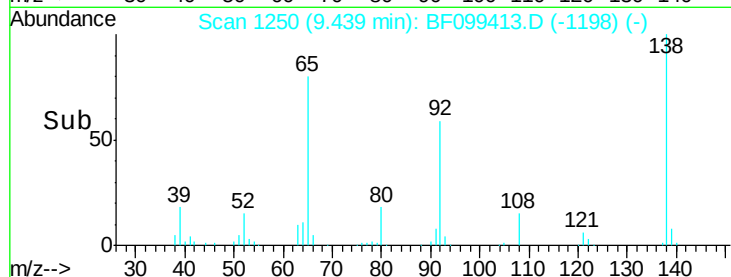
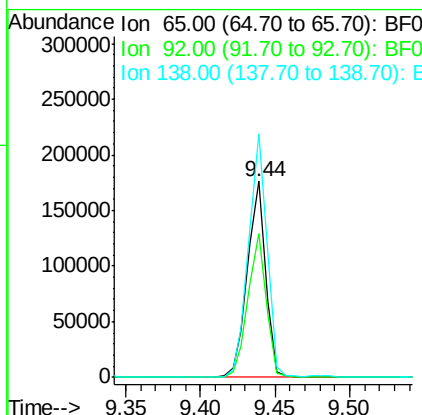
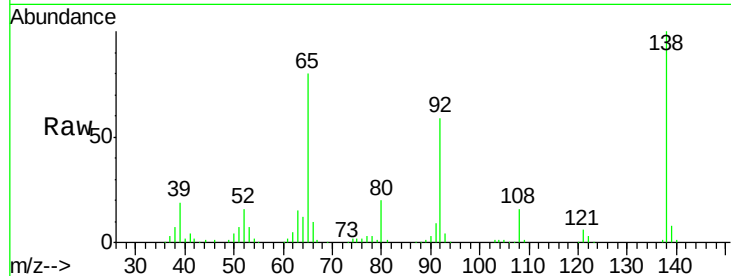




#47
2-Nitroaniline
Concen: 41.92 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

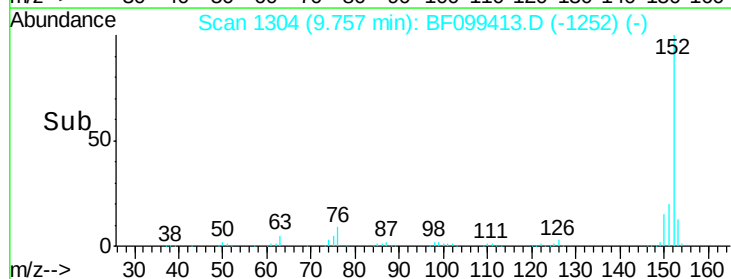
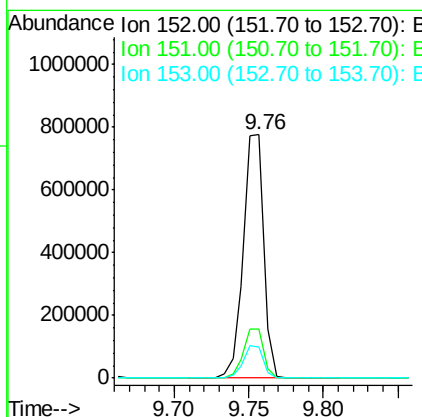
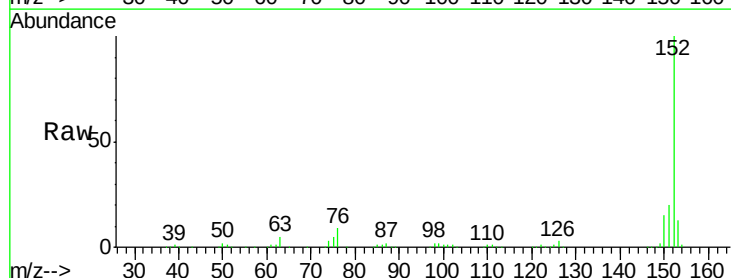
Instrument :
BNA_F
ClientSampled :

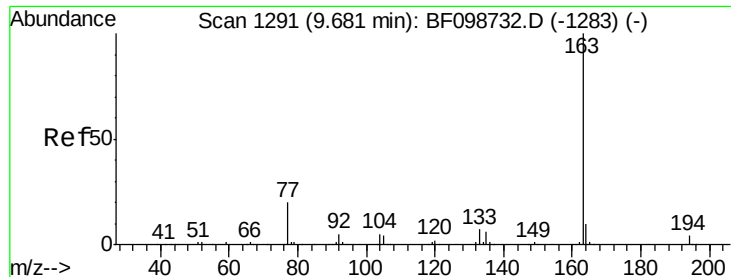
Tot Ion: 65 Resp: 149970
Ion Ratio Lower Upper
65 100
92 73.7 55.8 83.6
138 124.4 91.2 136.8



#48
Acenaphthylene
Concen: 41.15 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion: 152 Resp: 735979
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.6 10.7 16.1

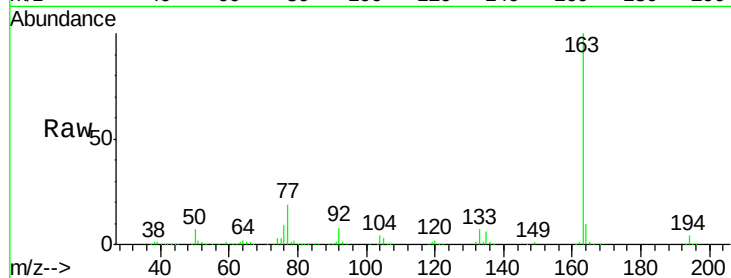




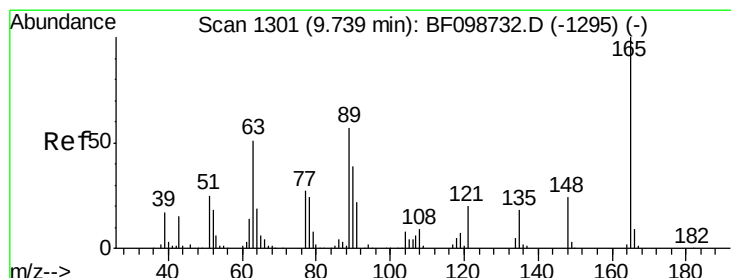
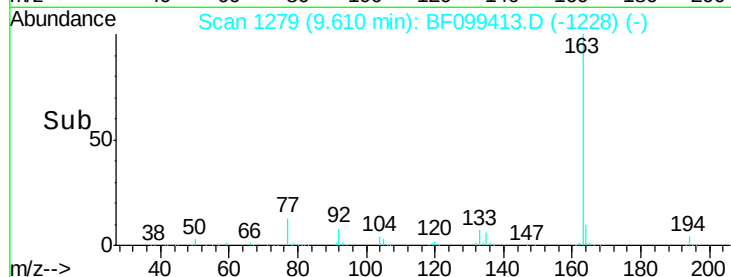
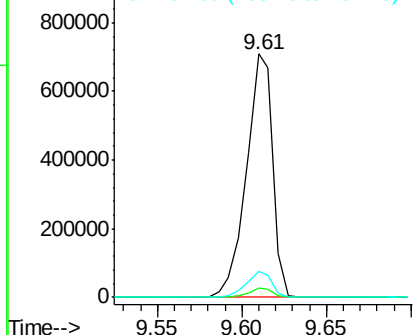
#49
Dimethylphthalate
Concen: 56.34 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 769959
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

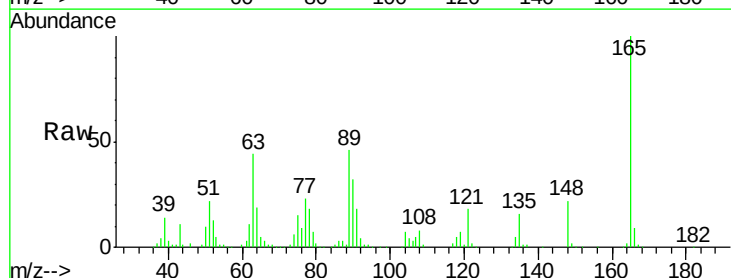


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

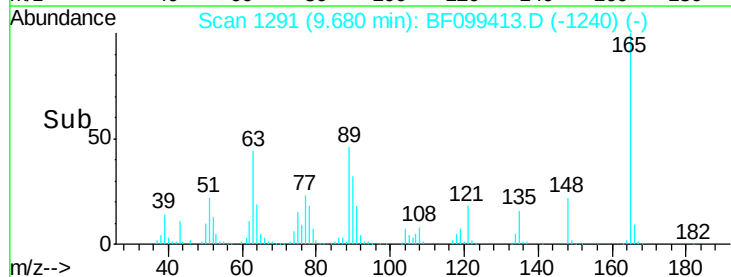
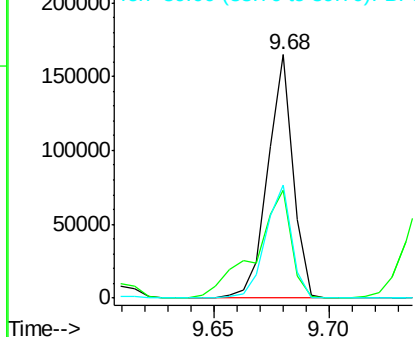


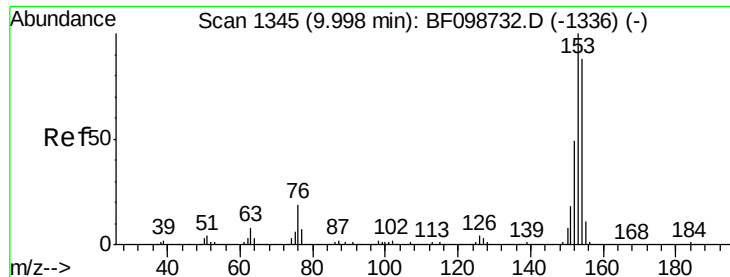
#50
2,6-Dinitrotoluene
Concen: 42.12 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:165 Resp: 125318
Ion Ratio Lower Upper
165 100
63 44.5 44.7 67.1#
89 46.2 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: 37.78 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

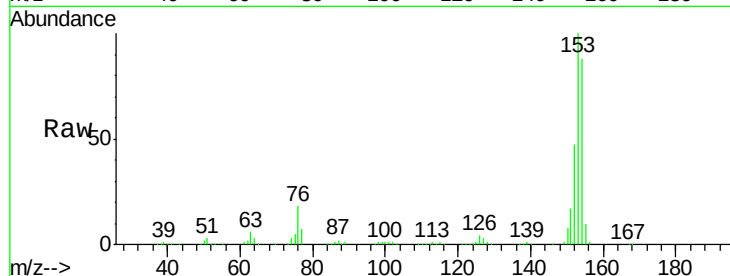
Tot Ion:154 Resp: 428073

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

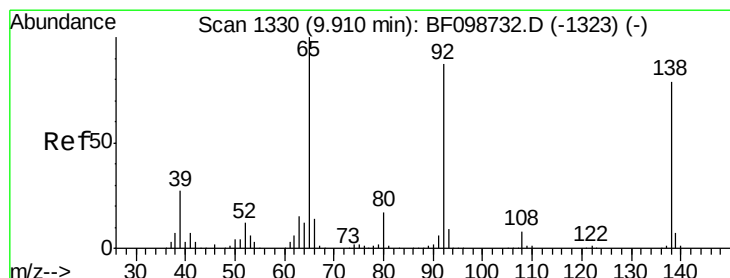
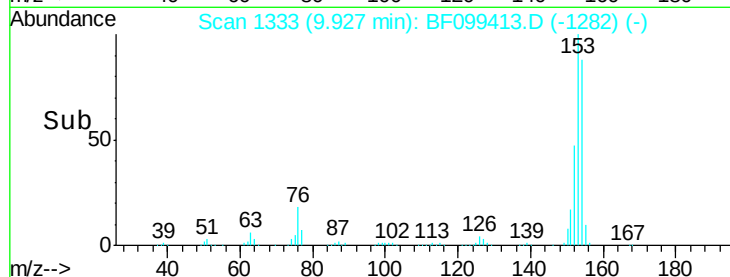
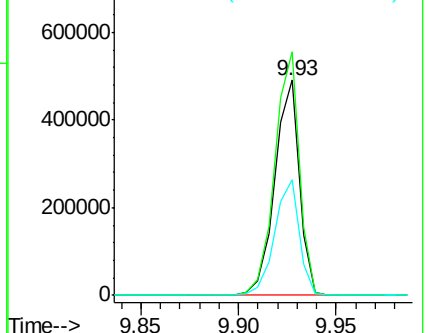
152 53.5 43.8 65.8



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: 36.15 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

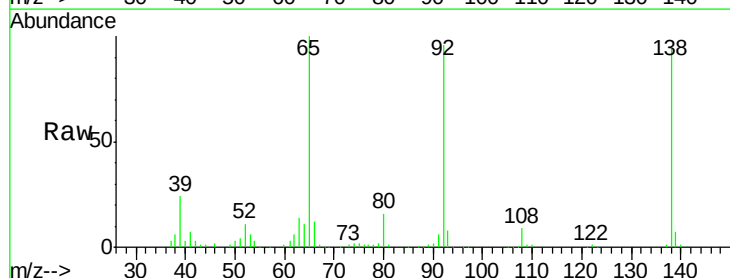
Tgt Ion:138 Resp: 125423

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

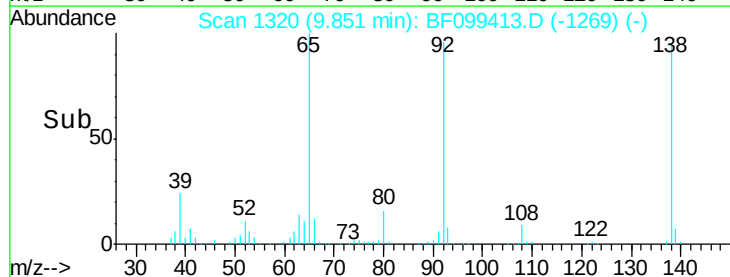
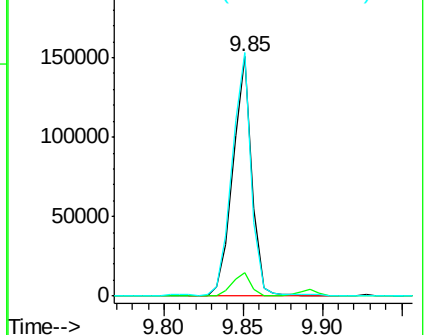
92 101.8 89.4 134.2

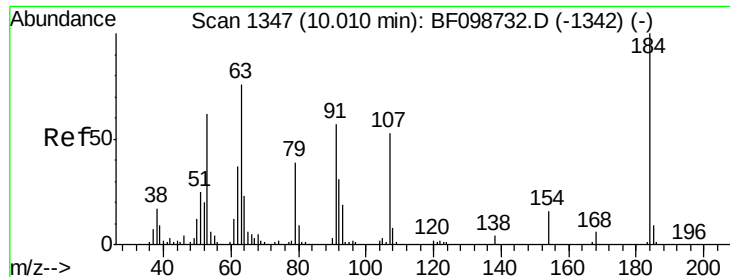


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

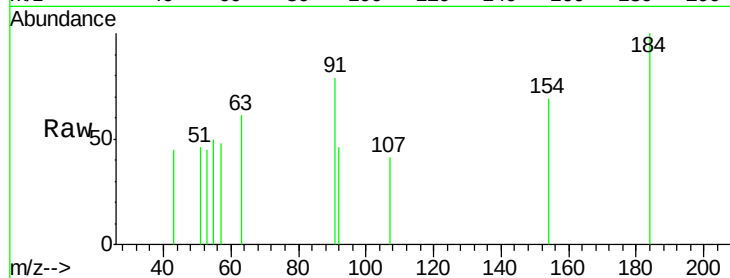




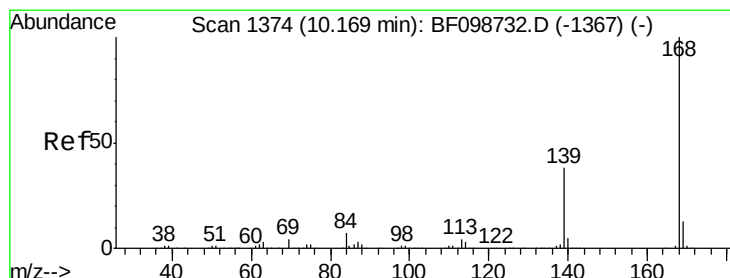
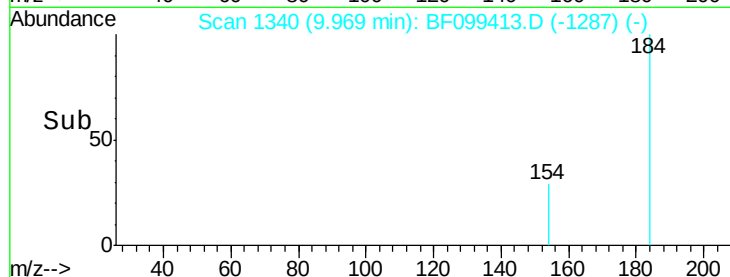
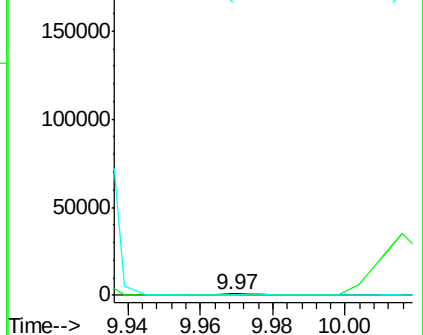
#53
2,4-Dinitrophenol
Concen: 6.28 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 750
Ion Ratio Lower Upper
184 100
63 61.0 54.2 81.2
154 69.3 53.5 80.3

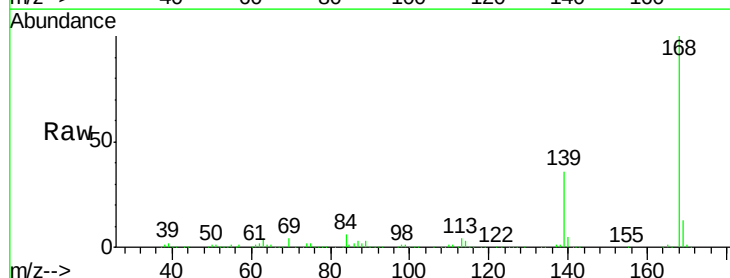


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

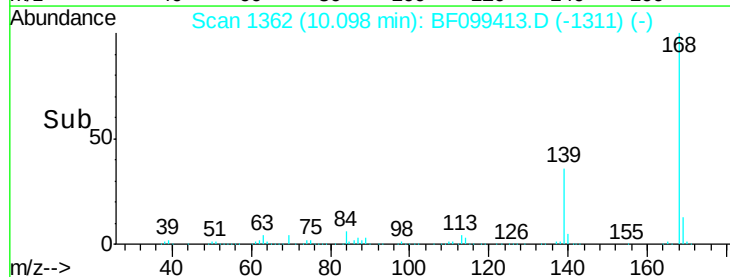
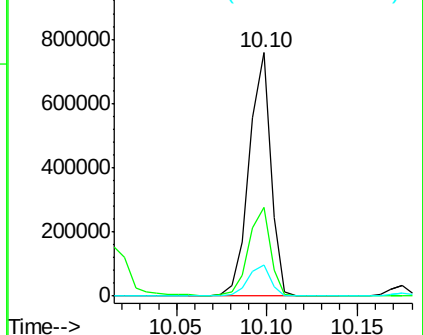


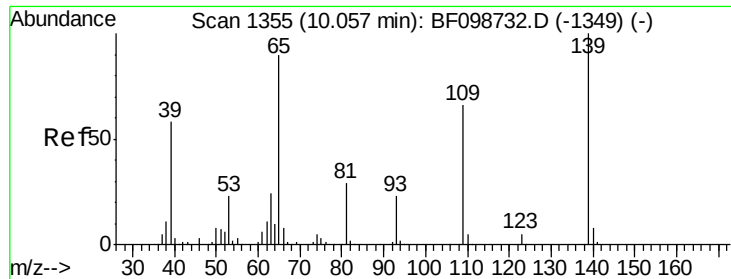
#54
Dibenzofuran
Concen: 41.72 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:168 Resp: 629401
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.0 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

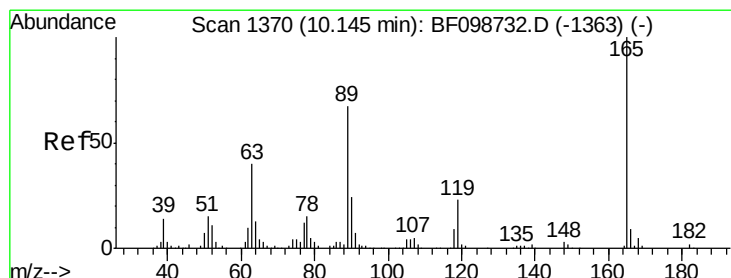
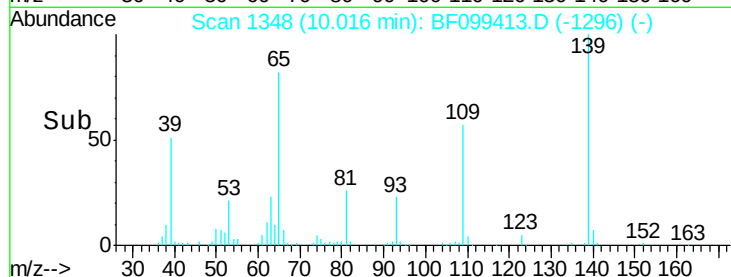
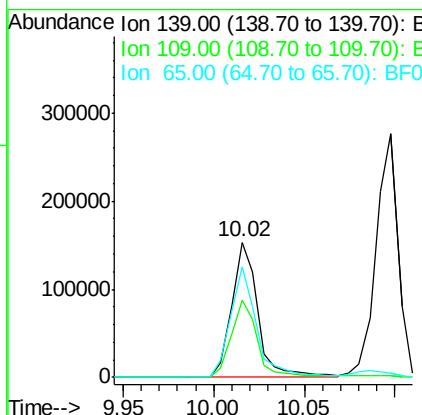
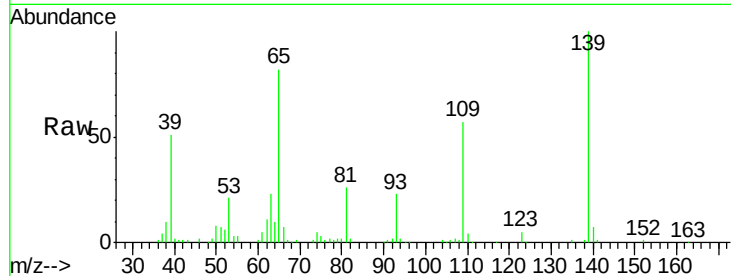




#55
4-Nitrophenol
Concen: 52.96 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

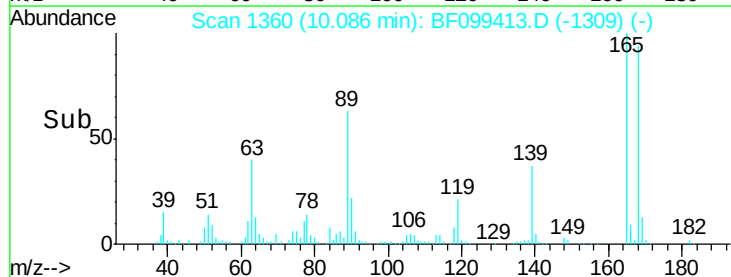
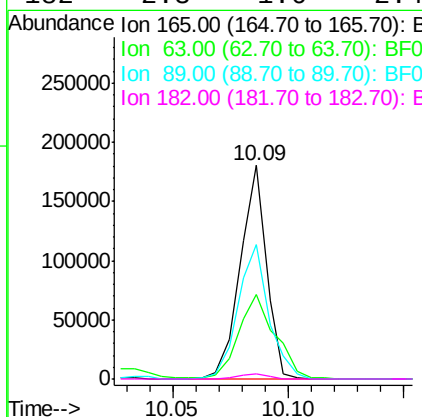
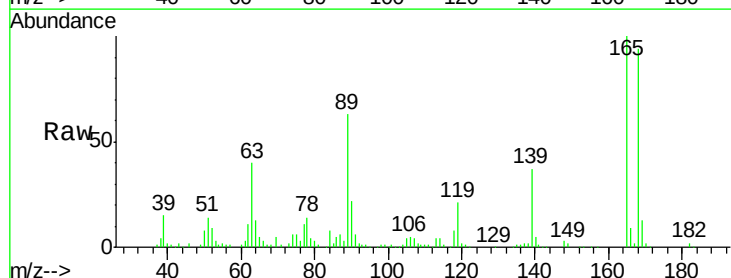
Instrument :
BNA_F
ClientSampled :

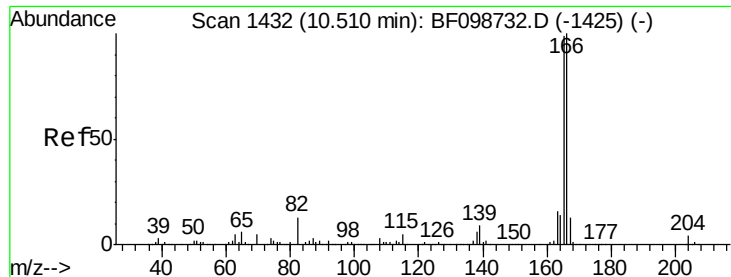
Tot Ion:139 Resp: 155351
Ion Ratio Lower Upper
139 100
109 56.9 48.4 88.4
65 81.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.35 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:165 Resp: 144210
Ion Ratio Lower Upper
165 100
63 39.6 36.4 54.6
89 62.9 57.8 86.6
182 2.3 1.6 2.4

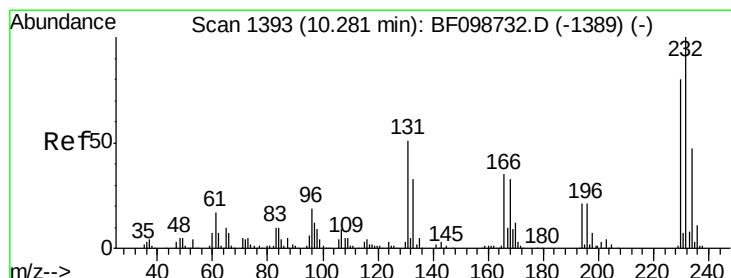
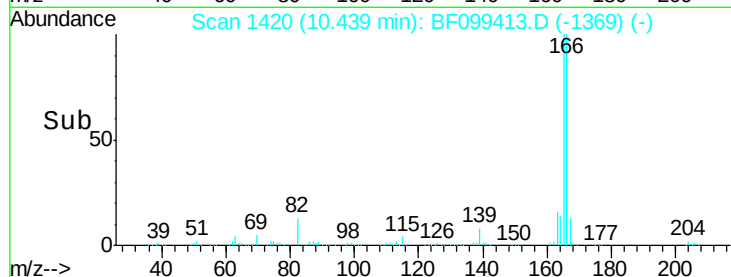
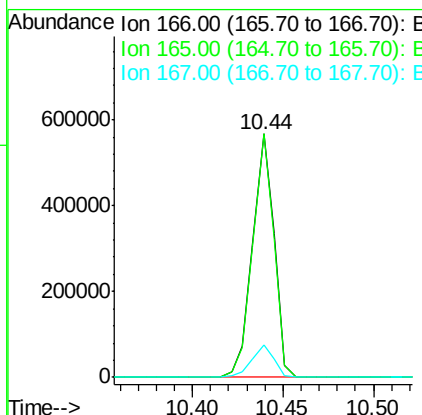
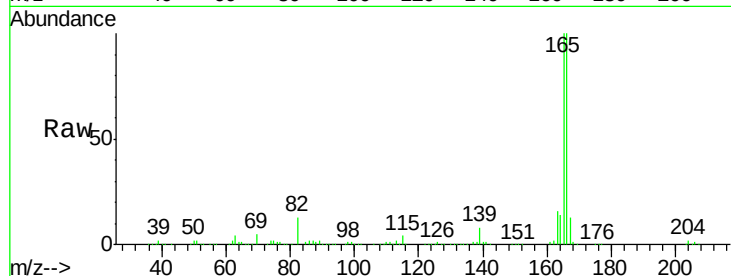




#57
 Fluorene
 Concen: 38.68 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

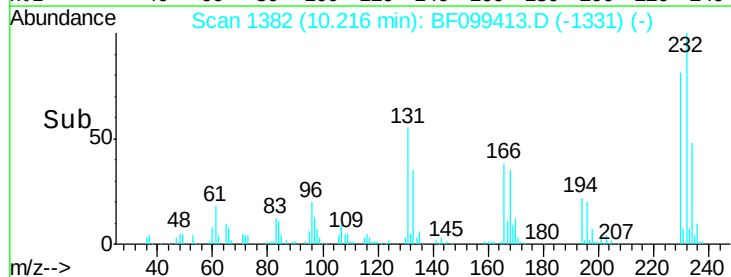
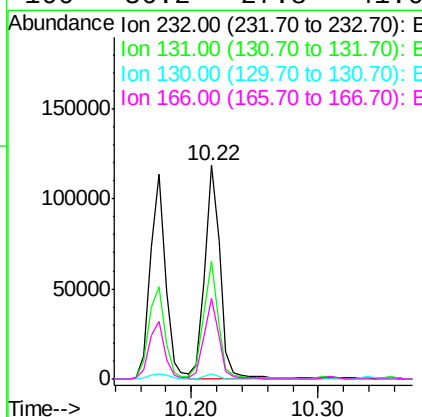
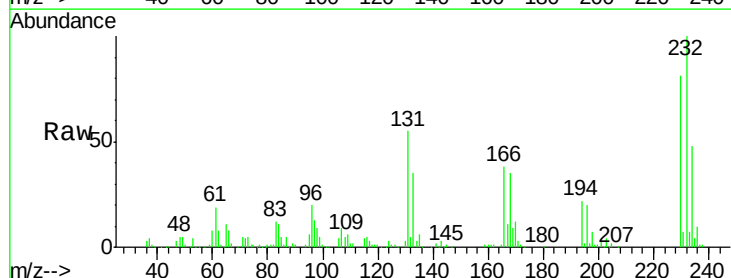
Instrument :
 BNA_F
 ClientSampleId :

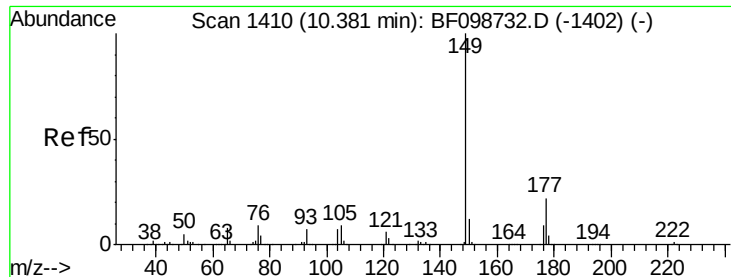
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.00 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.9	43.8	65.8
130	2.4	2.1	3.1
166	36.2	27.8	41.6

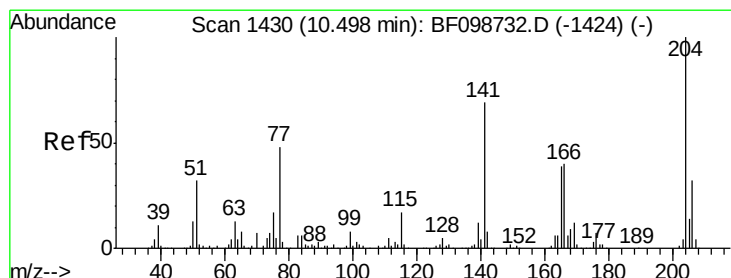
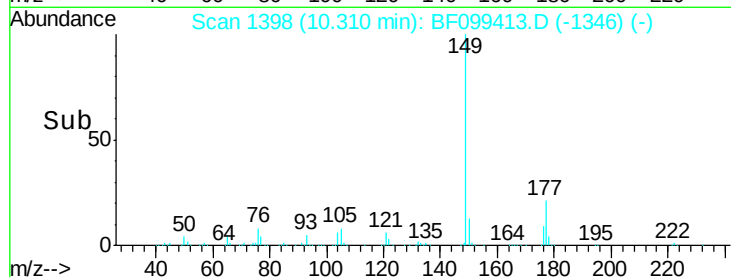
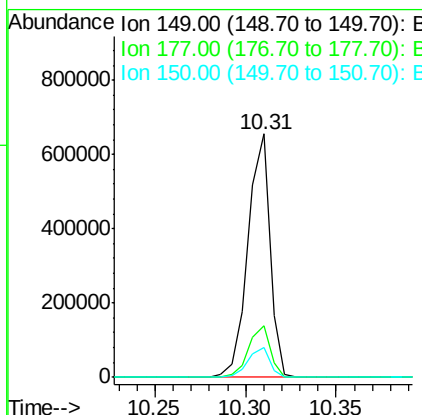
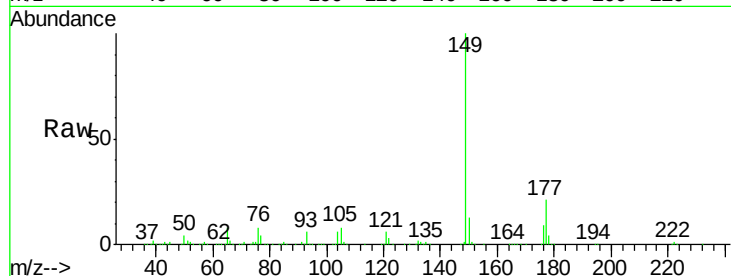




#59
Diethylphthalate
Concen: 41.61 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

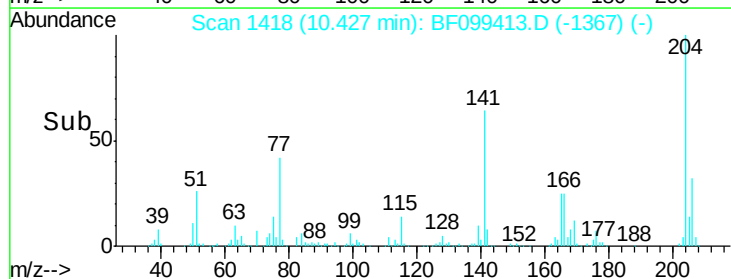
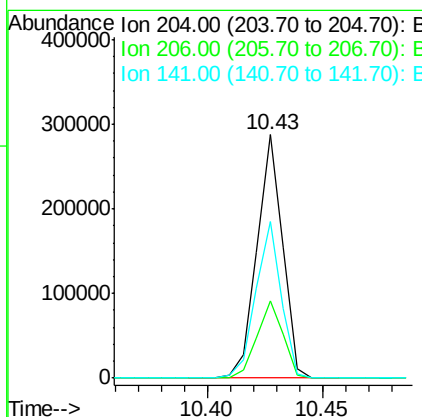
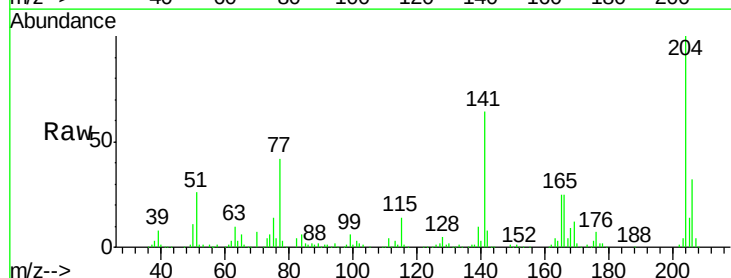
Instrument :
BNA_F
ClientSampled :

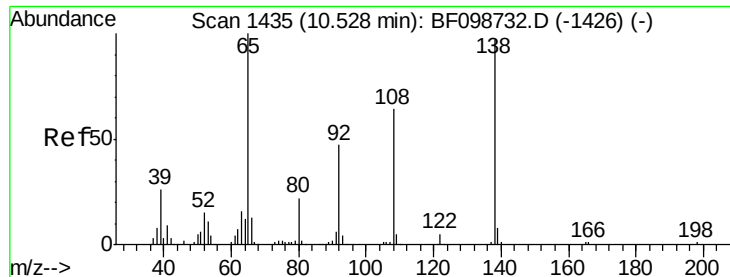
Tot Ion:149 Resp: 555688
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.04 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:204 Resp: 223520
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 64.5 54.6 81.8

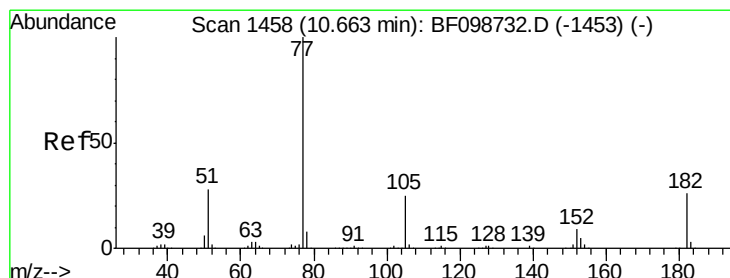
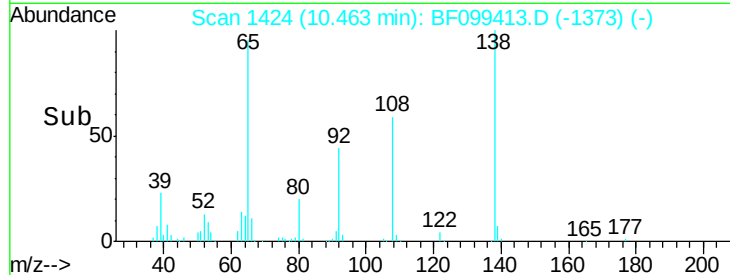
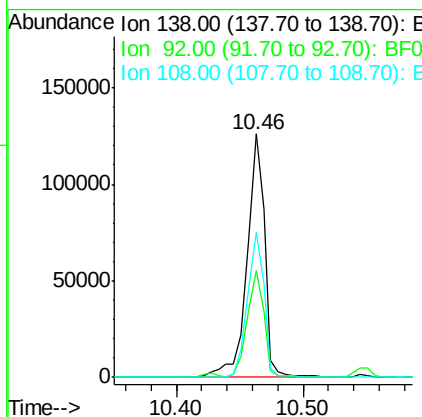
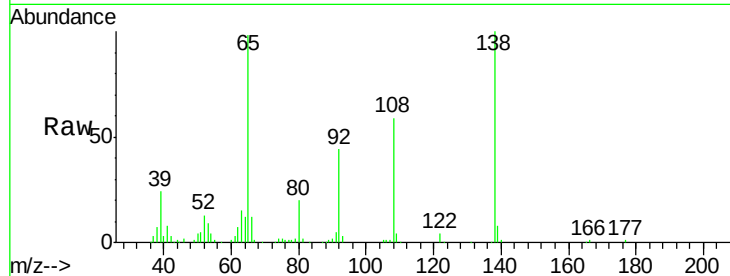




#61
 4-Nitroaniline
 Concen: 36.29 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

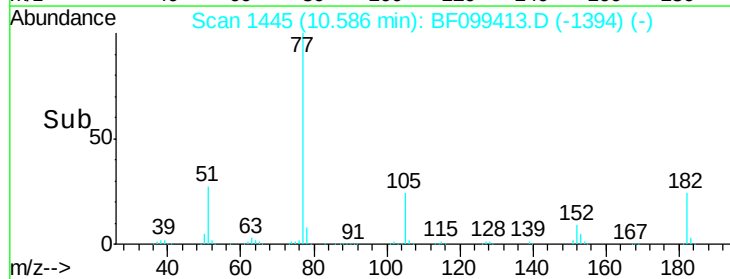
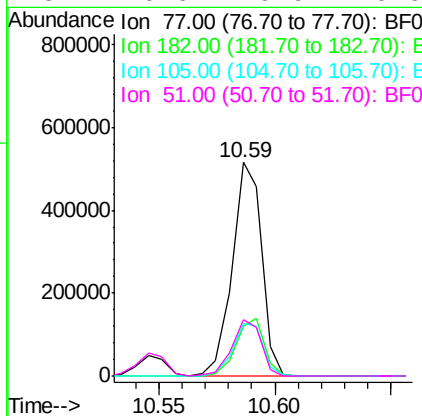
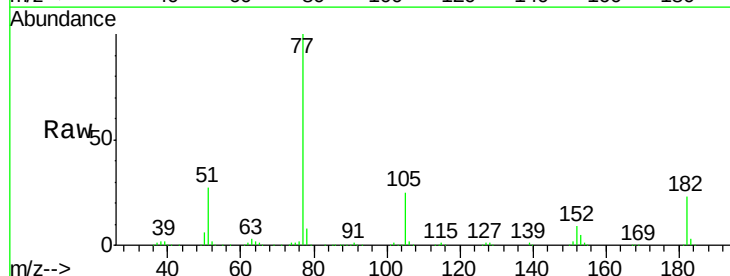
Instrument :
 BNA_F
 ClientSampleId :

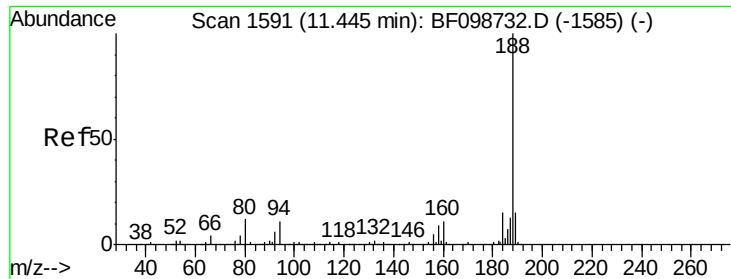
Tot Ion:138 Resp: 121448
 Ion Ratio Lower Upper
 138 100
 92 44.0 30.2 70.2
 108 59.5 52.5 92.5



#62
 Azobenzene
 Concen: 37.11 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion: 77 Resp: 455719
 Ion Ratio Lower Upper
 77 100
 182 23.5 1.7 41.7
 105 24.6 3.0 43.0
 51 26.6 9.9 49.9

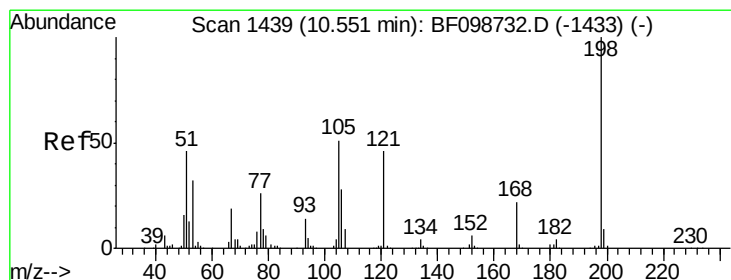
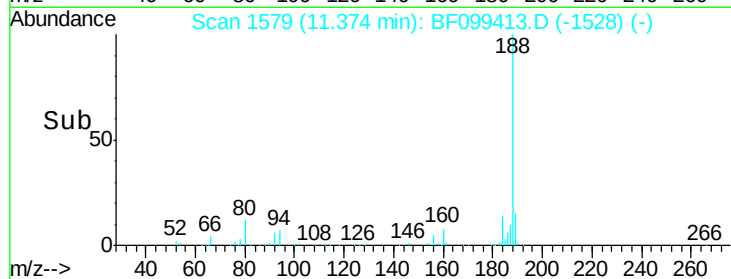
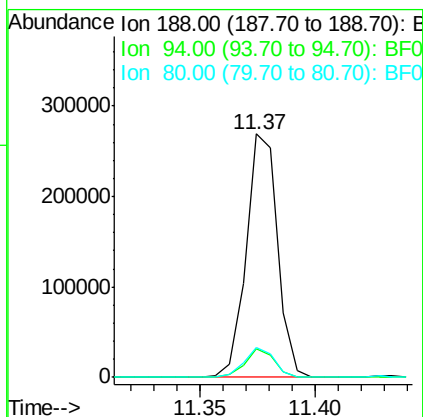
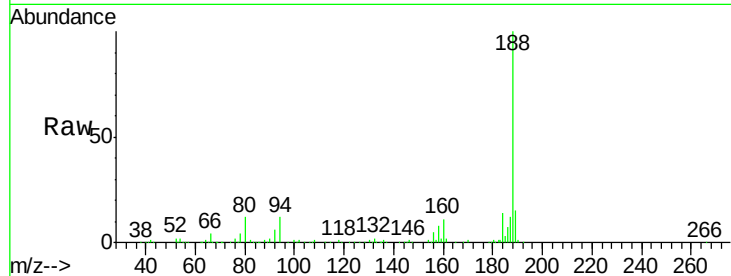




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

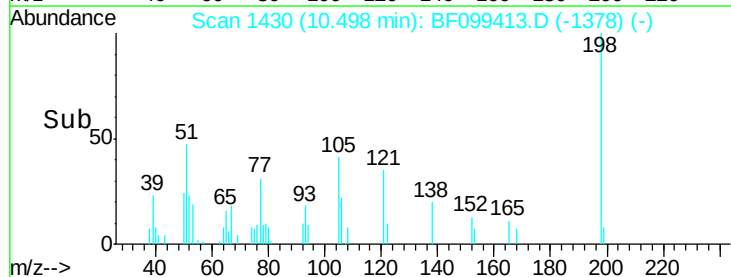
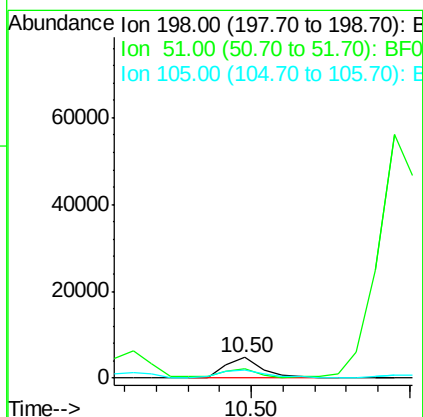
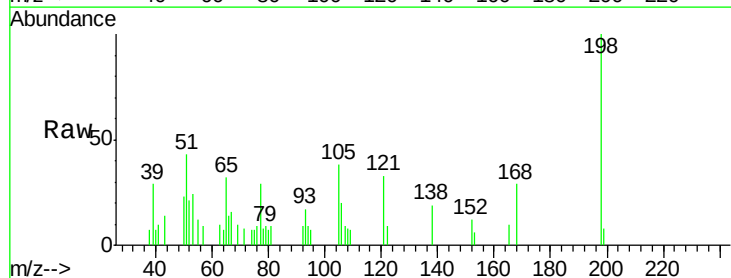
Instrument :
BNA_F
ClientSampleId :

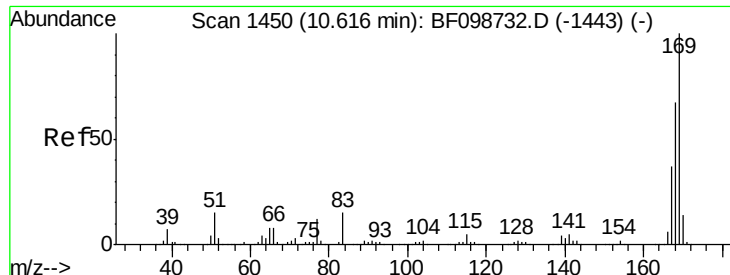
Tot Ion:188 Resp: 254724
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.45 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:198 Resp: 3804
Ion Ratio Lower Upper
198 100
51 43.4 37.7 77.7
105 38.0 36.3 76.3

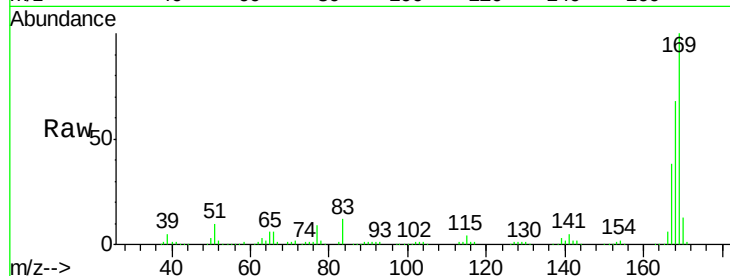




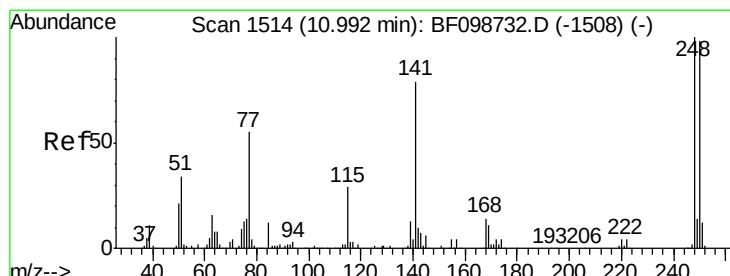
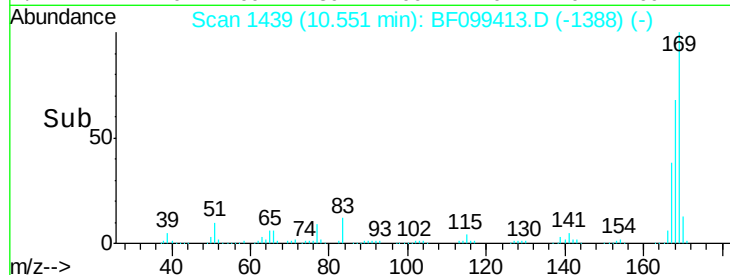
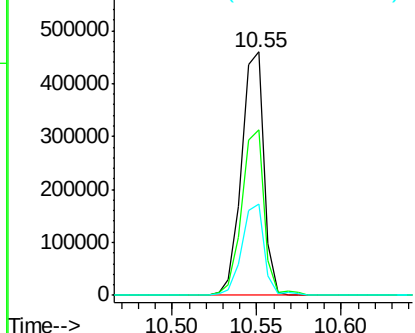
#65
 n-Nitrosodiphenylamine
 Concen: 48.44 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 427427
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.6 29.8 44.6

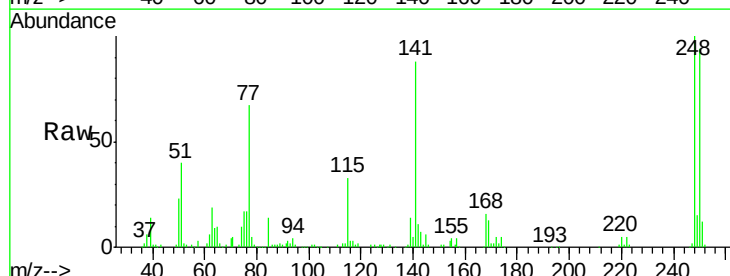


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

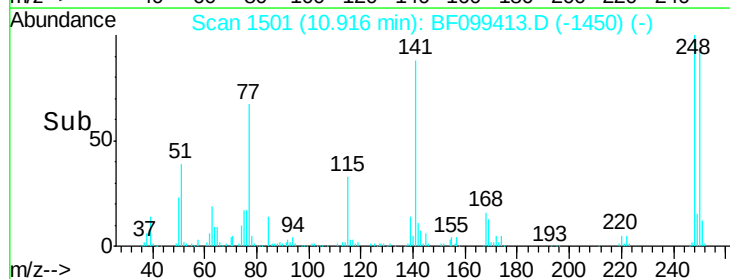
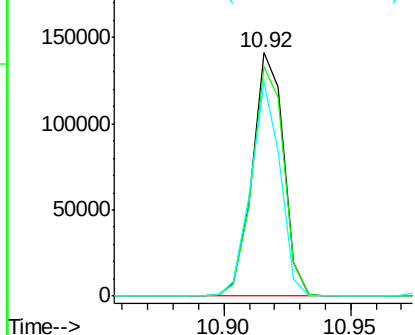


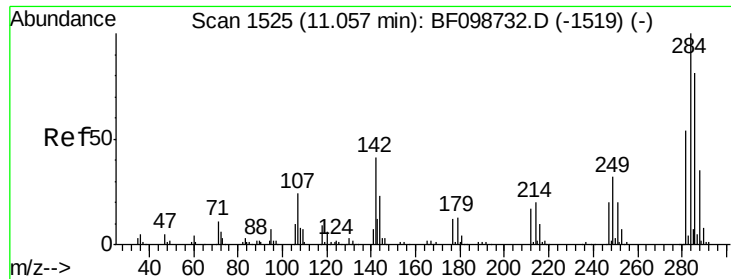
#66
 4-Bromophenyl-phenylether
 Concen: 48.72 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:248 Resp: 121465
 Ion Ratio Lower Upper
 248 100
 250 94.3 76.9 115.3
 141 88.0 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

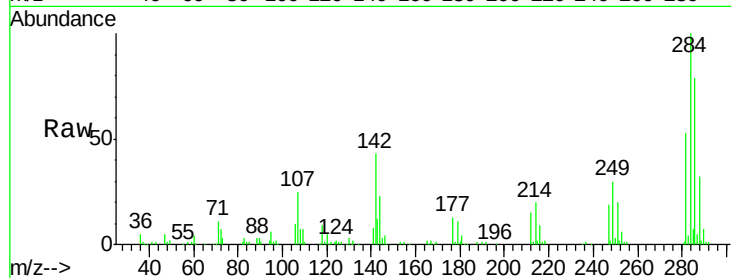




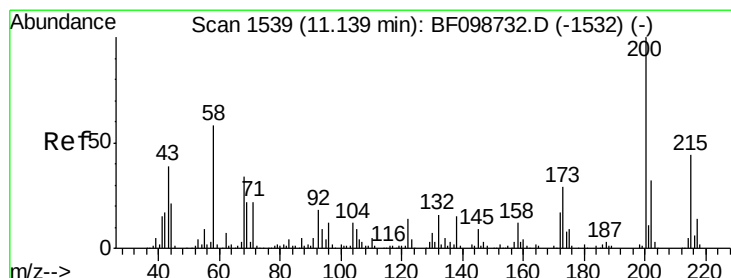
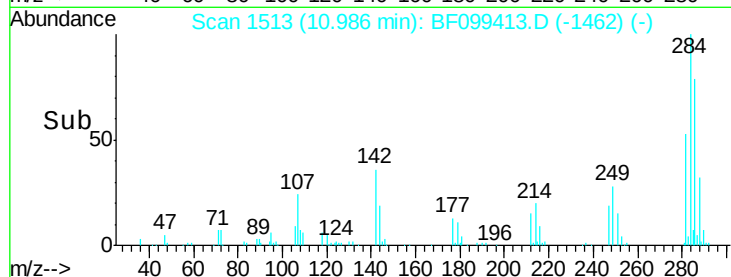
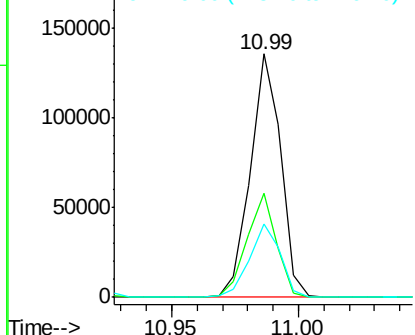
#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 113383
Ion Ratio Lower Upper
284 100
142 42.6 34.6 52.0
249 30.2 24.8 37.2

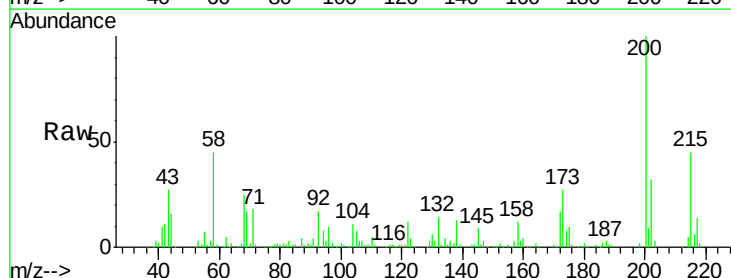


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

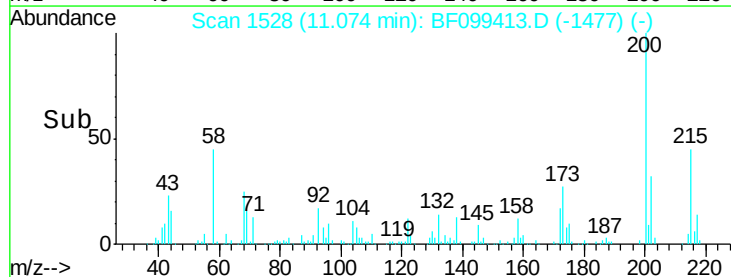
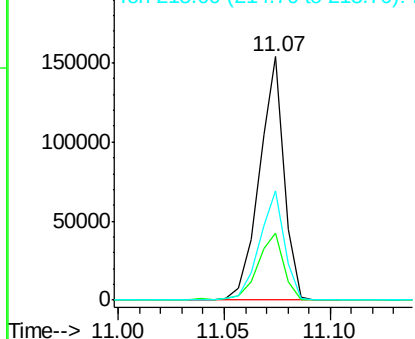


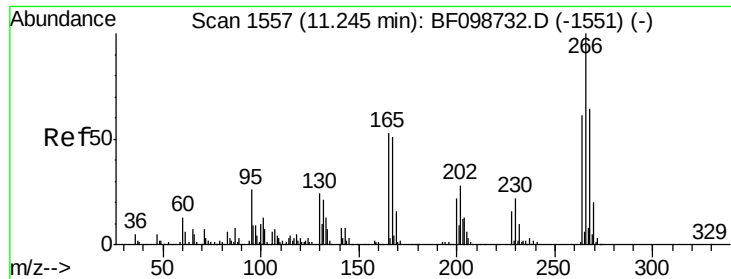
#68
Atrazine
Concen: 47.01 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:200 Resp: 124807
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 45.0 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

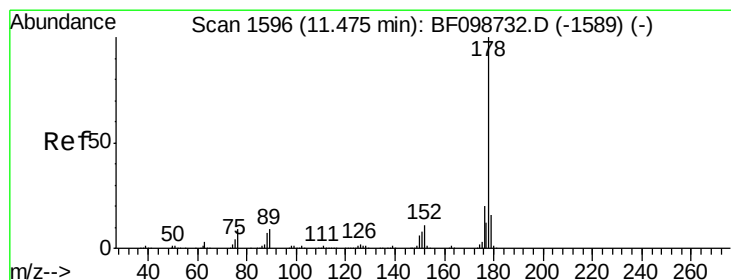
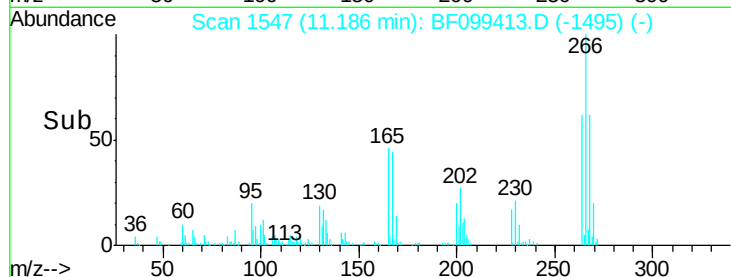
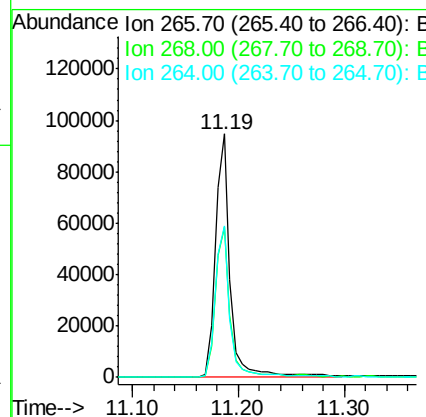
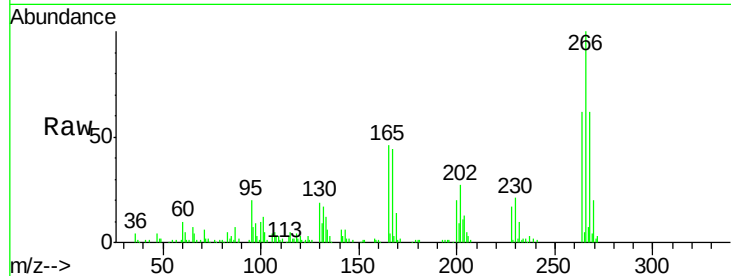




#69
 Pentachlorophenol
 Concen: 56.52 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

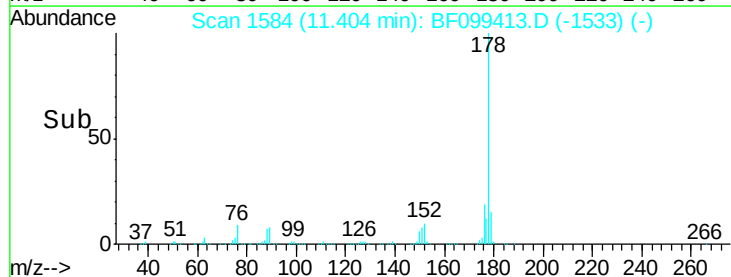
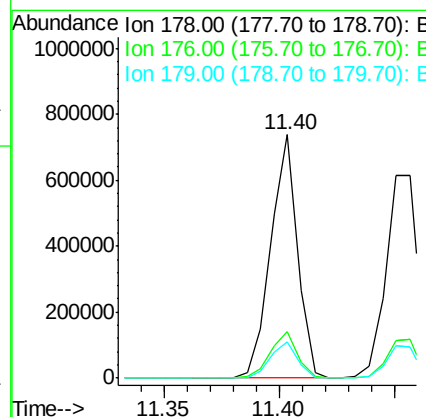
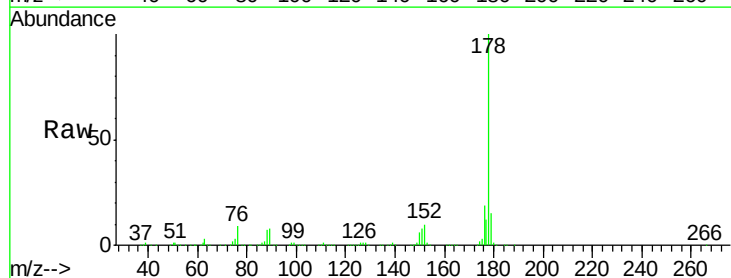
Instrument :
 BNA_F
 ClientSampleId :

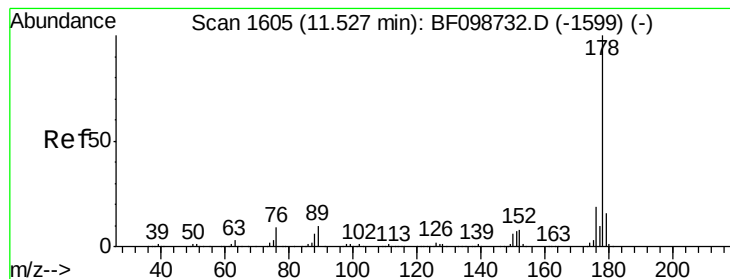
Tot Ion:266 Resp: 93673
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 62.0 49.5 74.3



#70
 Phenanthrene
 Concen: 43.67 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:178 Resp: 595453
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 14.9 13.0 19.6





#71

Anthracene

Concen: 42.31 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

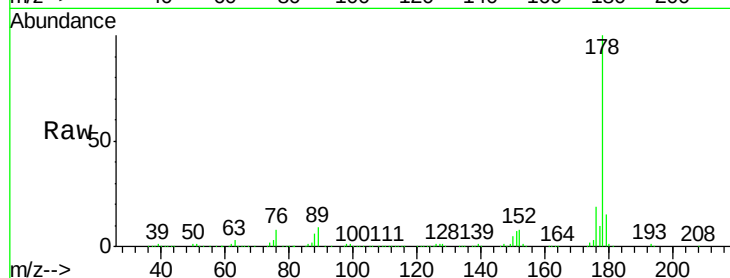
Tot Ion:178 Resp: 590212

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

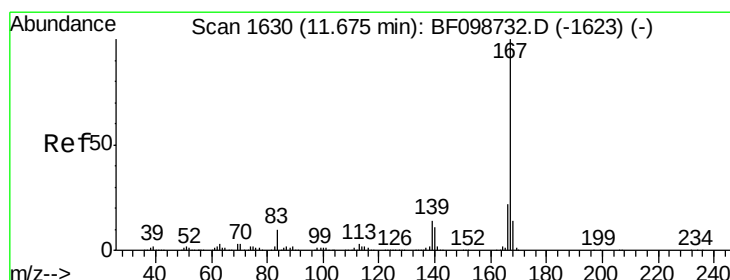
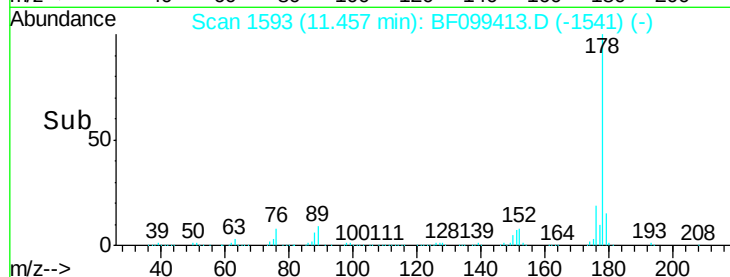
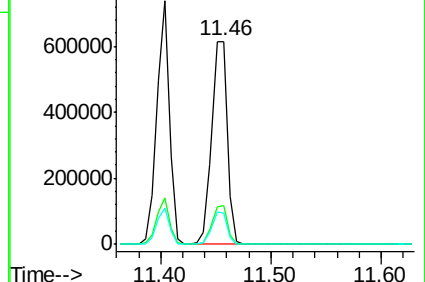
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.48 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

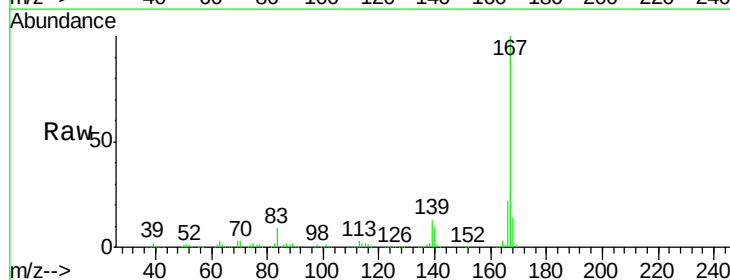
Tgt Ion:167 Resp: 539352

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

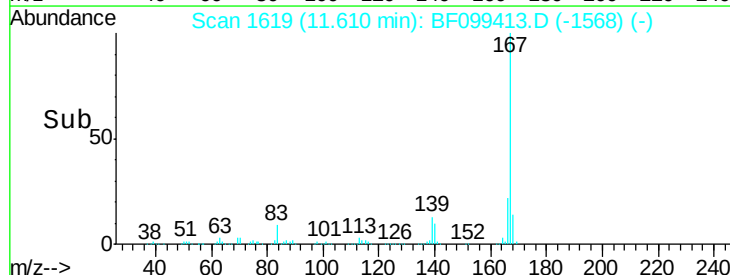
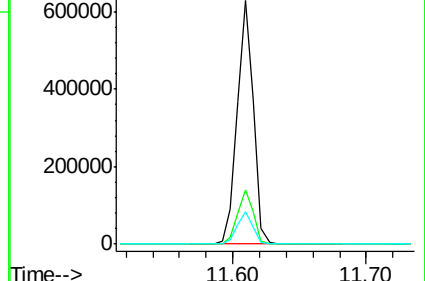
139 13.3 10.9 16.3

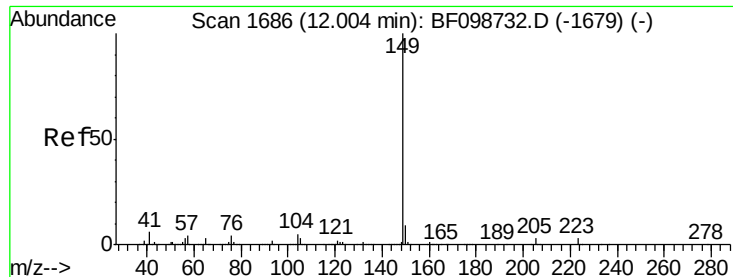


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.46 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampled :

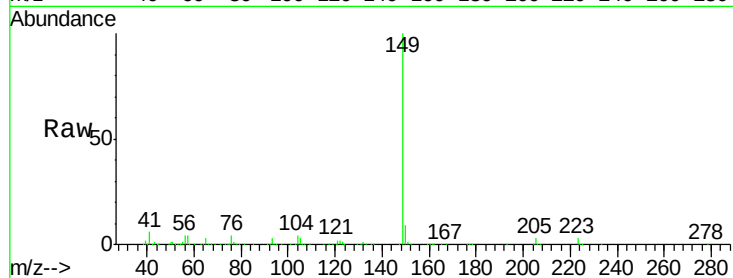
Tot Ion:149 Resp: 714724

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

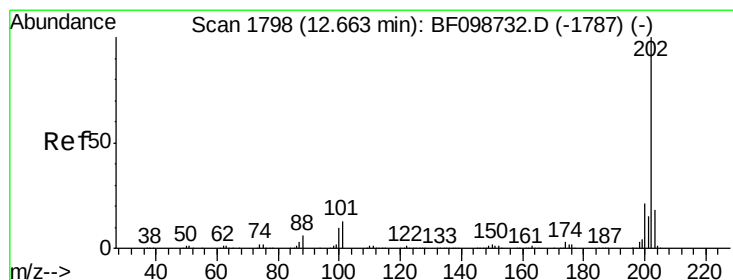
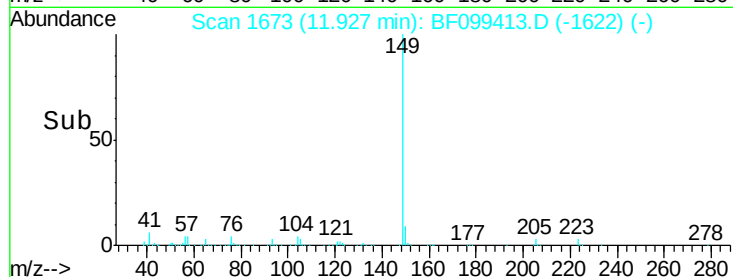
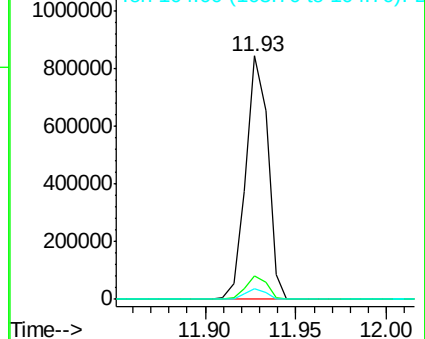
104 4.3 3.8 5.8



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: 41.89 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

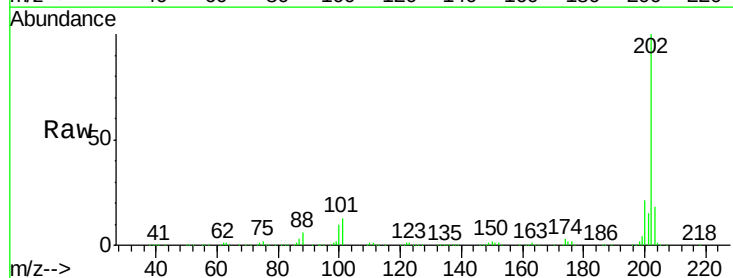
Tgt Ion:202 Resp: 578358

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

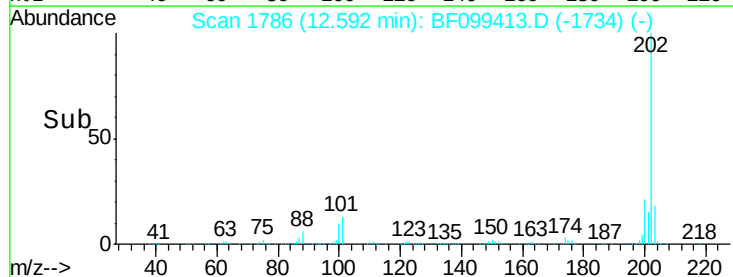
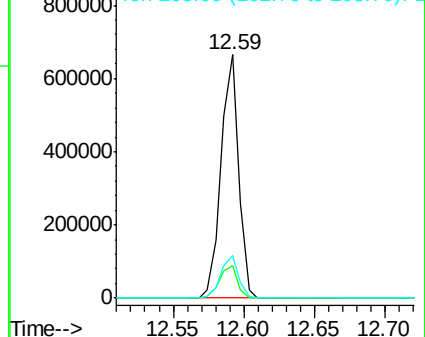
203 17.6 0.0 38.1

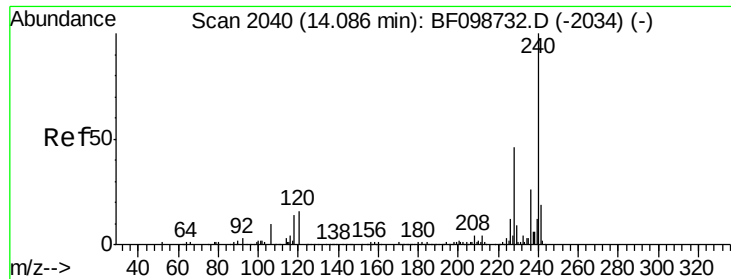


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

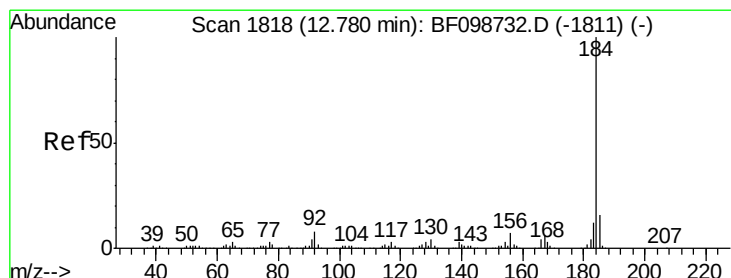
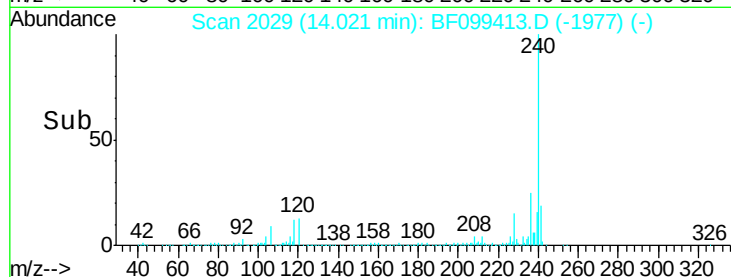
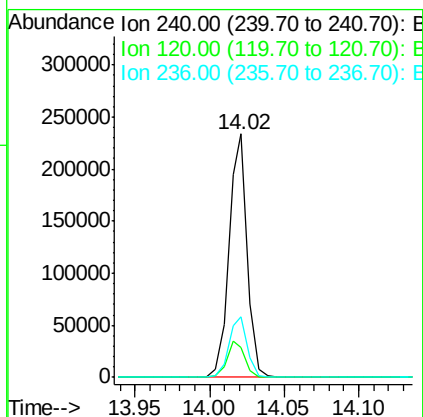
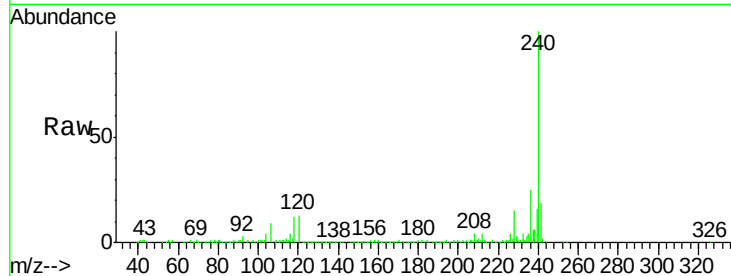




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

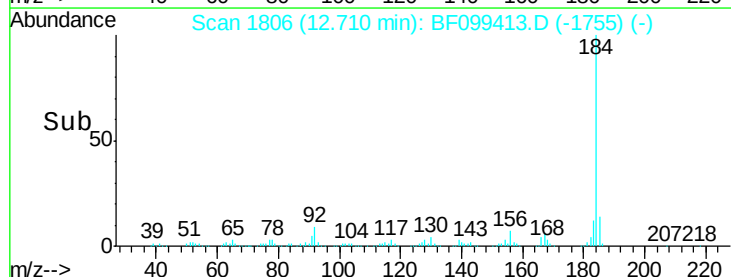
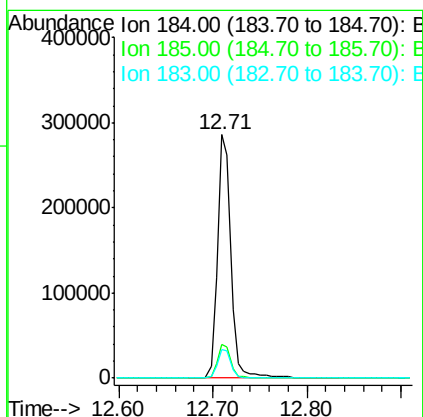
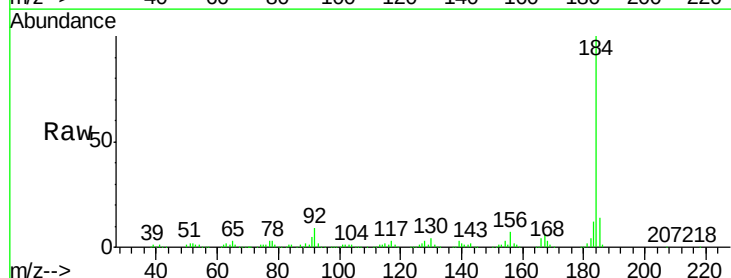
Instrument :
 BNA_F
 ClientSampleId :

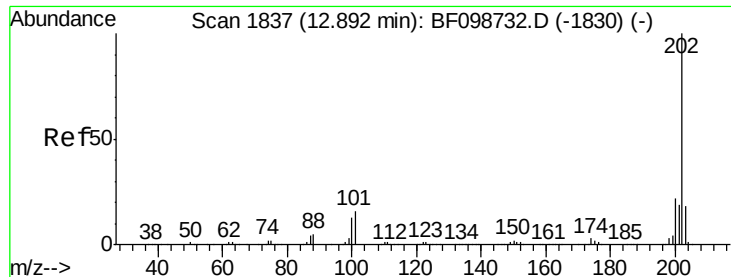
Tot Ion:240 Resp: 201000
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.0 20.7 31.1



#76
 Benzidine
 Concen: 38.79 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:184 Resp: 288380
 Ion Ratio Lower Upper
 184 100
 185 14.1 12.6 18.8
 183 12.0 9.3 13.9





#77

Pvrene

Concen: 38.77 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

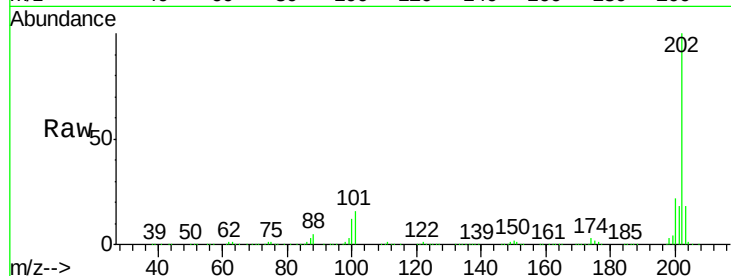
Tot Ion:202 Resp: 594188

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

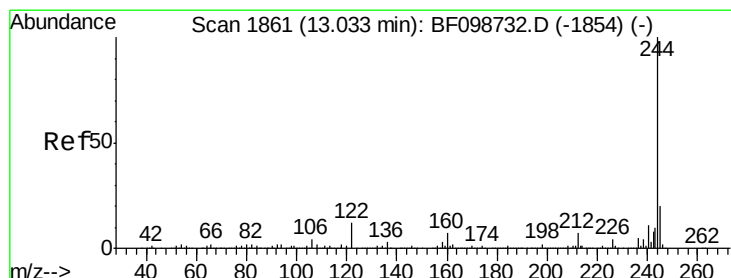
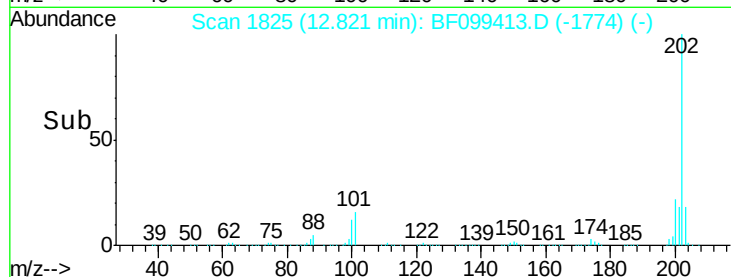
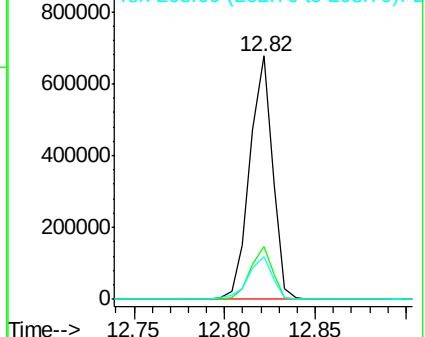
203 17.7 14.3 21.5



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: 75.02 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

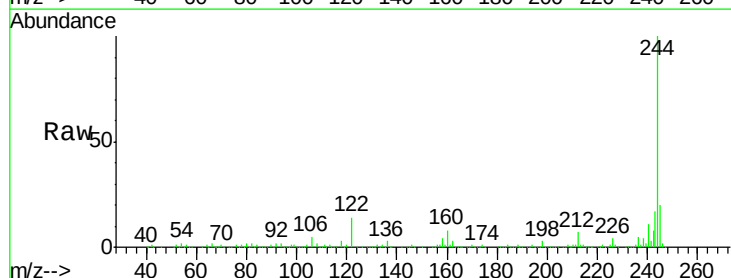
Tgt Ion:244 Resp: 663067

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

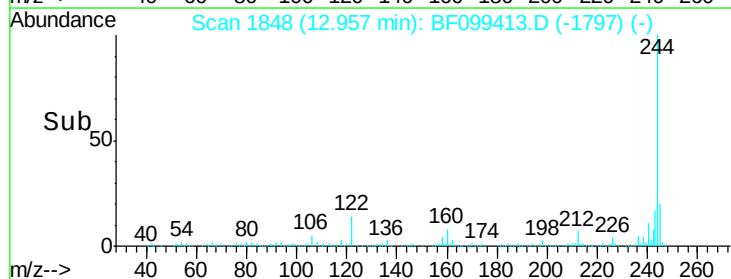
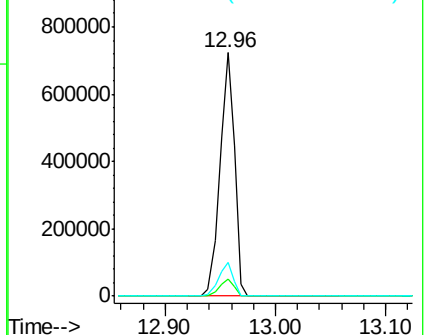
122 14.0 11.0 16.4

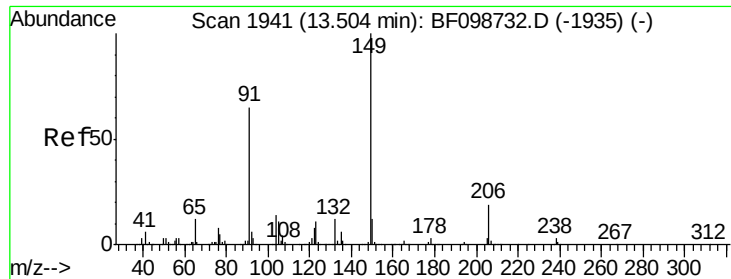


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

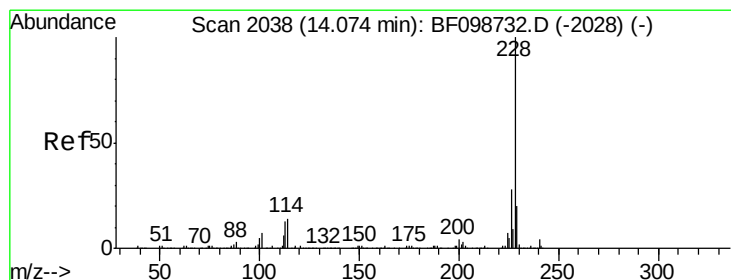
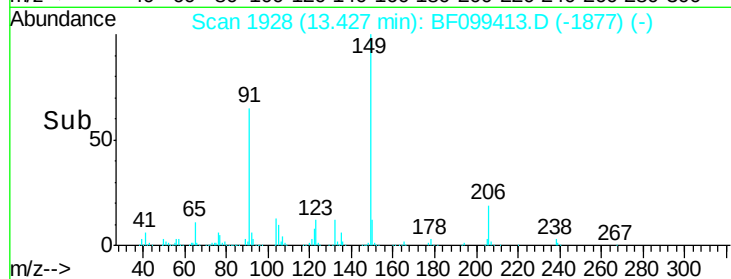
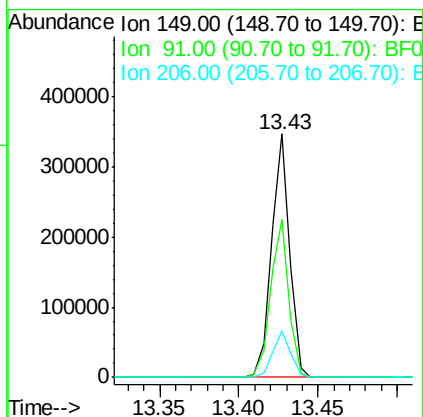
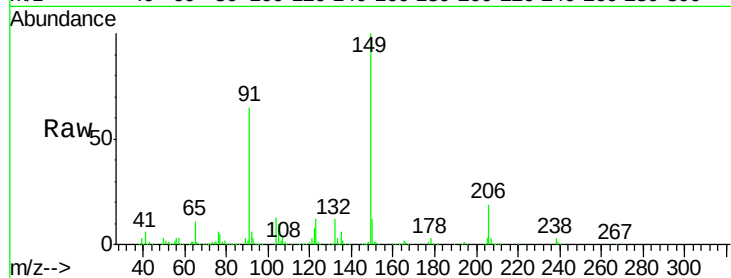




#79
Butylbenzylphthalate
Concen: 38.64 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

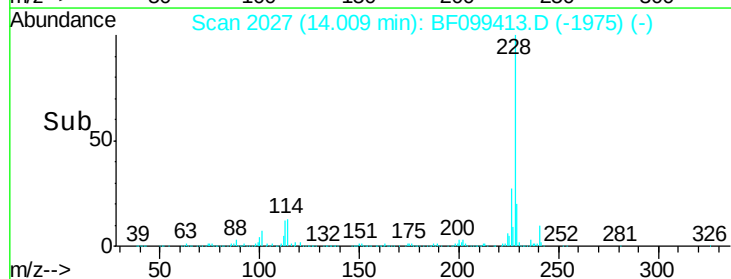
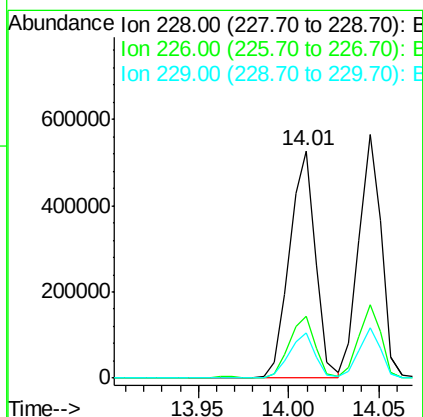
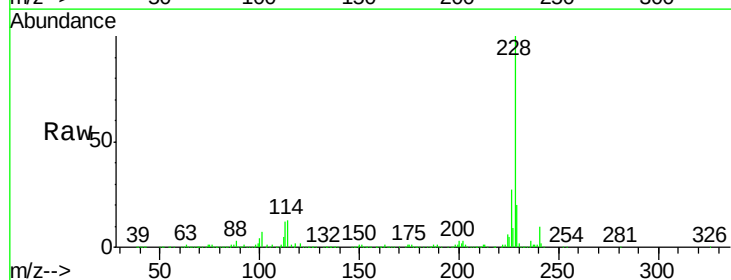
Instrument :
BNA_F
ClientSampleId :

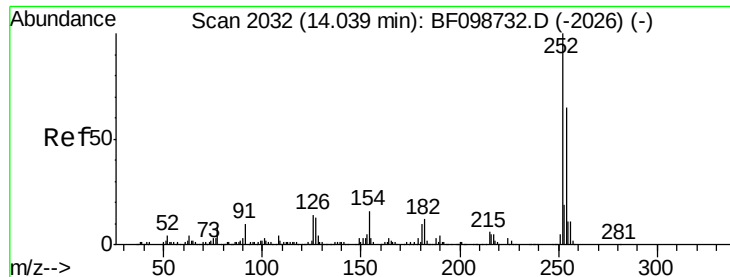
Tot Ion:149 Resp: 278329
Ion Ratio Lower Upper
149 100
91 64.9 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.59 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:228 Resp: 530595
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.7 15.8 23.6

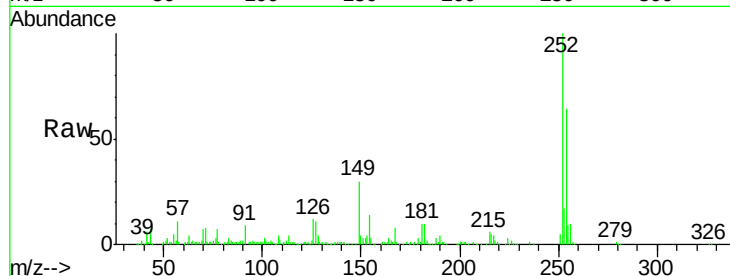




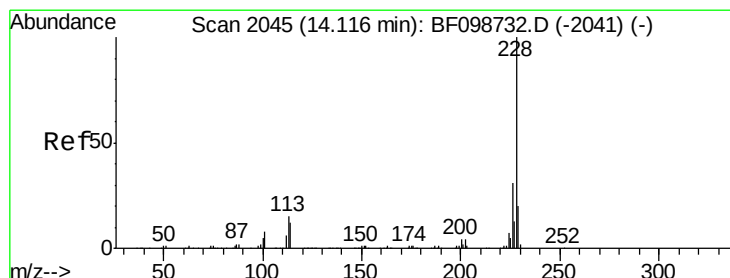
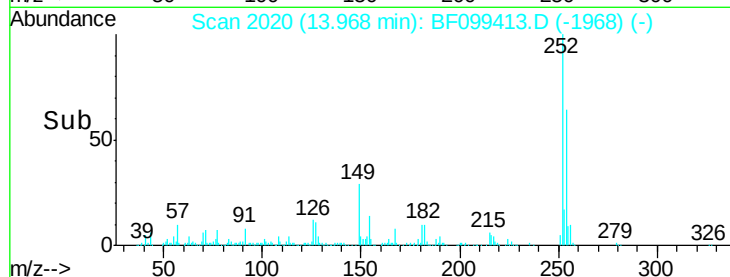
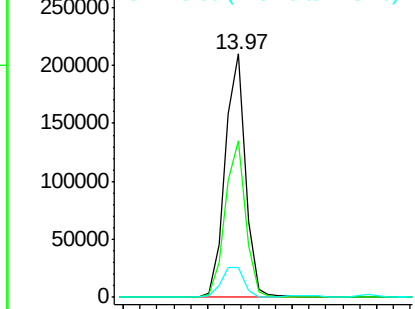
#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 175833
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 12.3 11.3 16.9

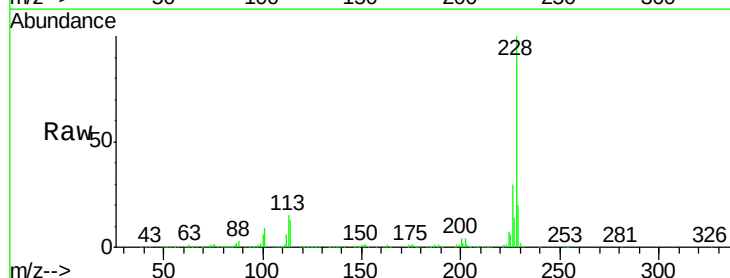


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

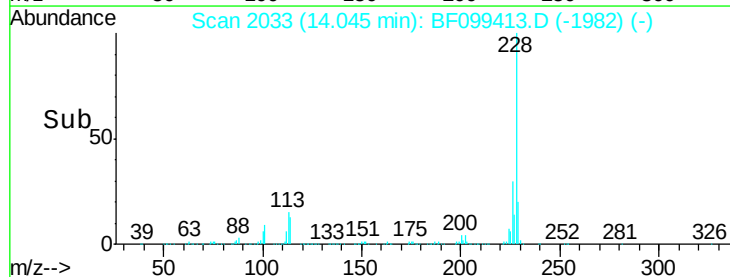
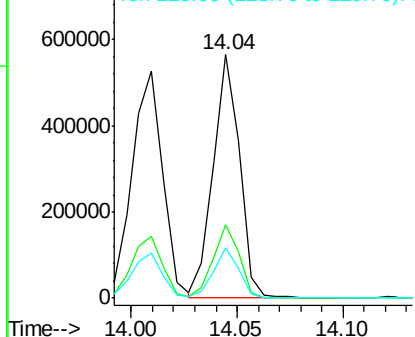


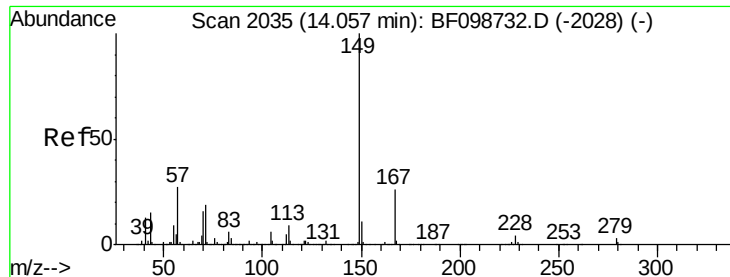
#82
 Chrysene
 Concen: 42.22 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Tgt Ion:228 Resp: 489206
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 20.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.37 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

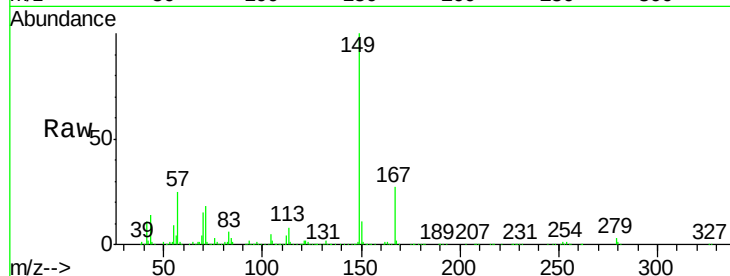
Tot Ion:149 Resp: 390469

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

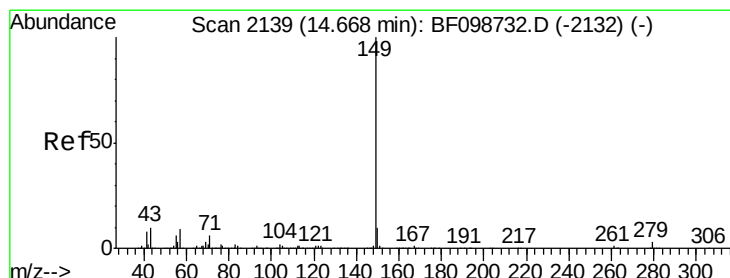
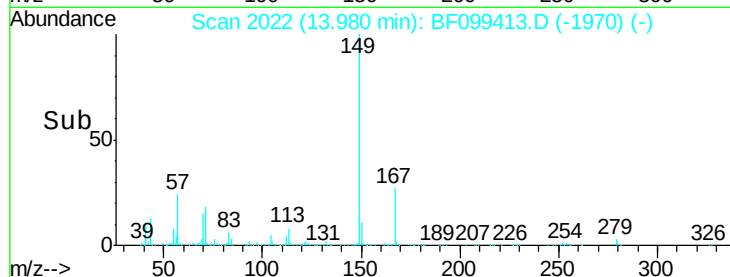
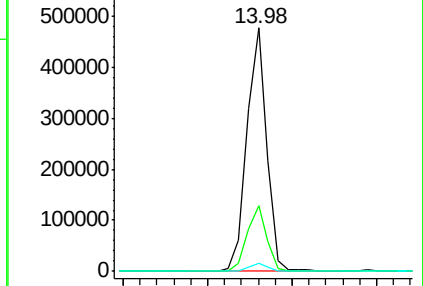
279 3.1 3.0 4.4



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: 44.46 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

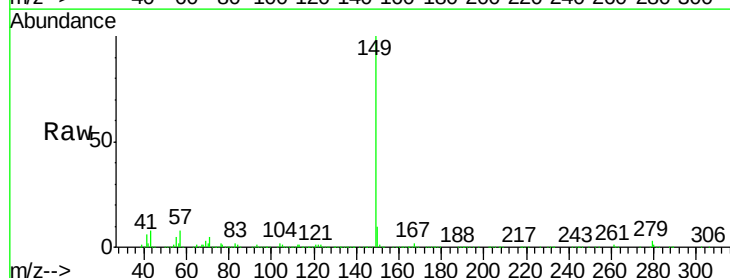
Tgt Ion:149 Resp: 710019

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

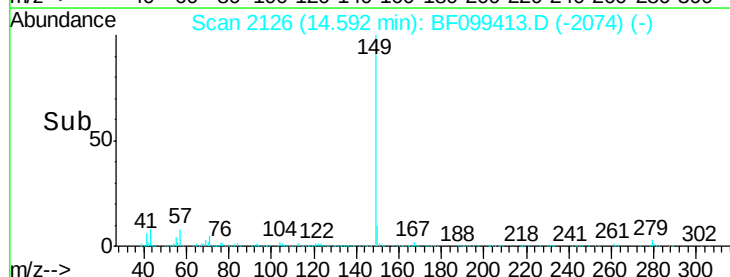
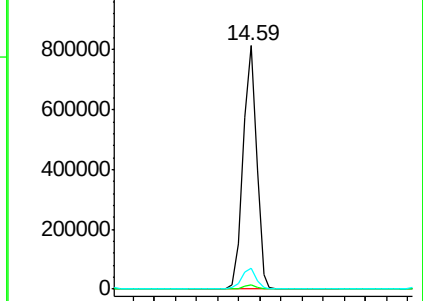
43 8.5 8.4 12.6

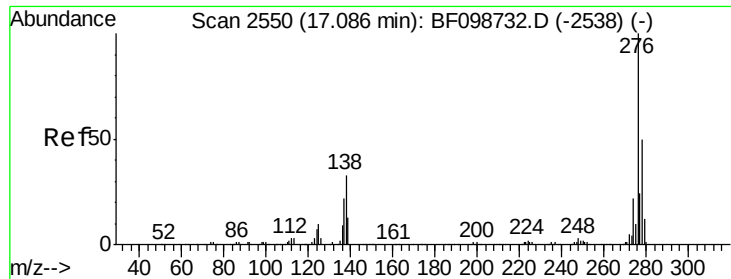


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.43 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

Instrument :

BNA_F

ClientSampleId :

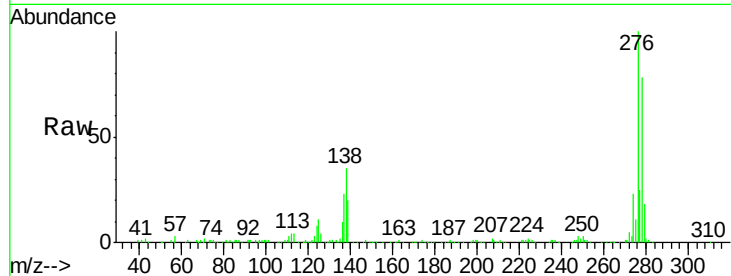
Tot Ion:276 Resp: 346979

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

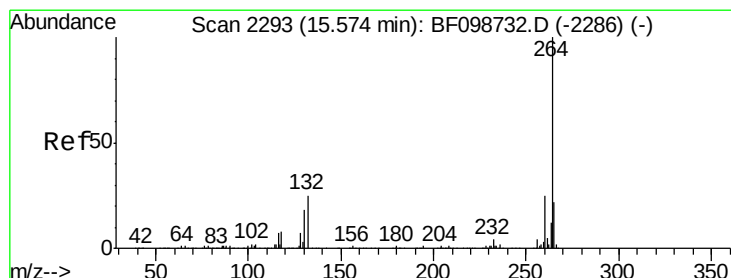
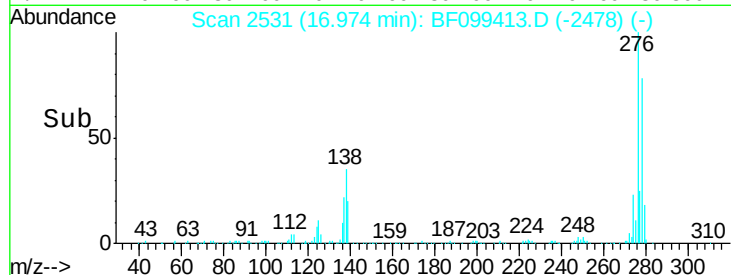
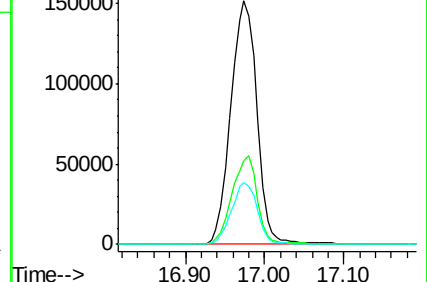
277 25.4 20.1 30.1



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# 2278

Delta R.T. 0.01 min

Lab File: BF099413.D

Acq: 12 Oct 2017 23:47

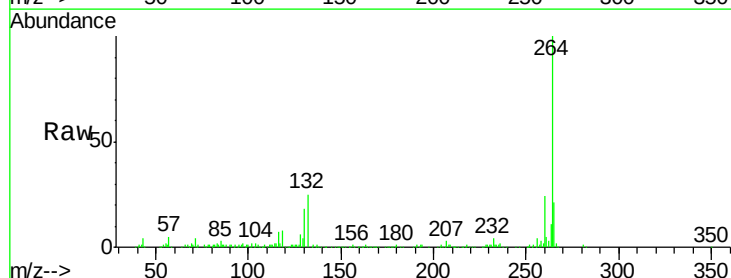
Tgt Ion:264 Resp: 170674

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

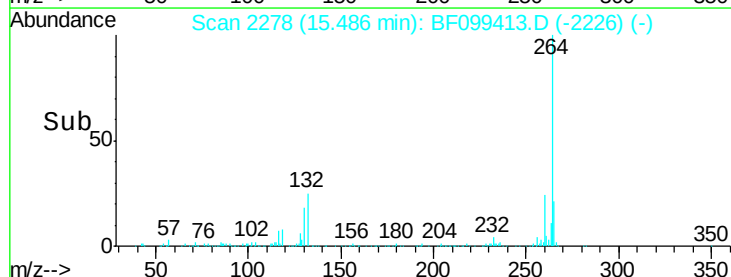
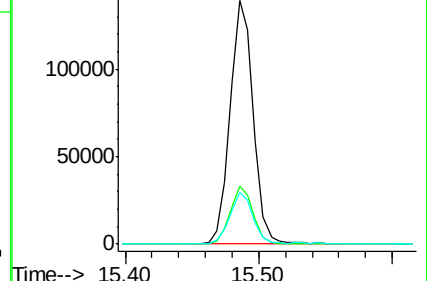
265 21.1 17.5 26.3

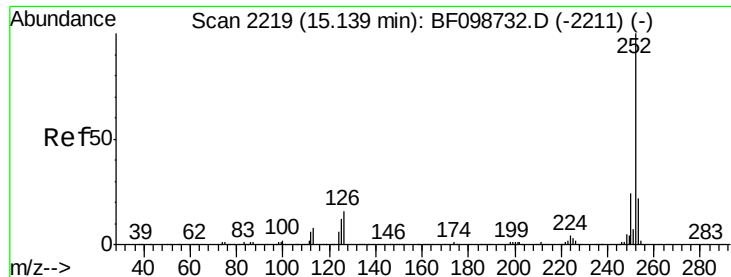


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

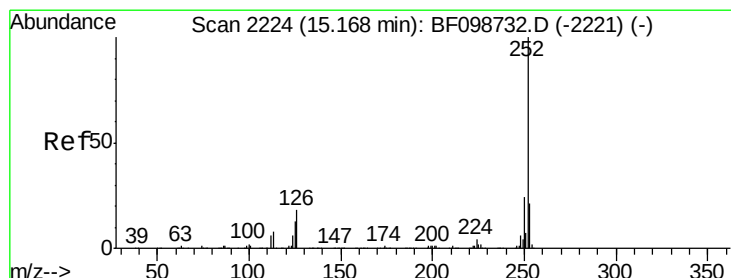
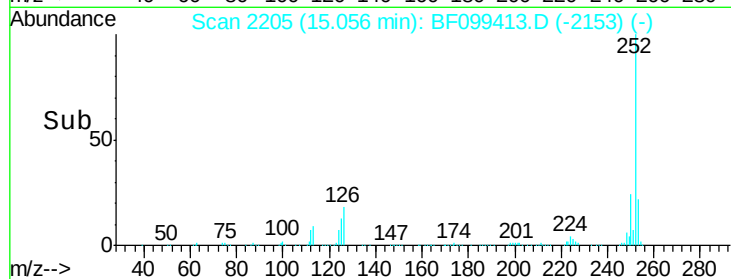
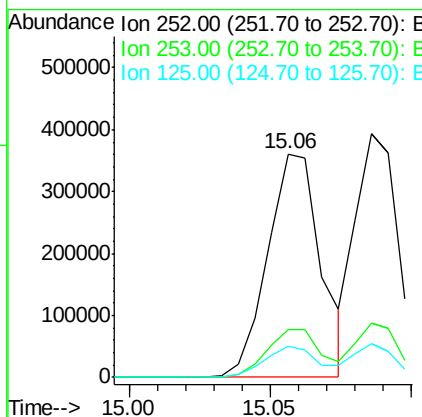
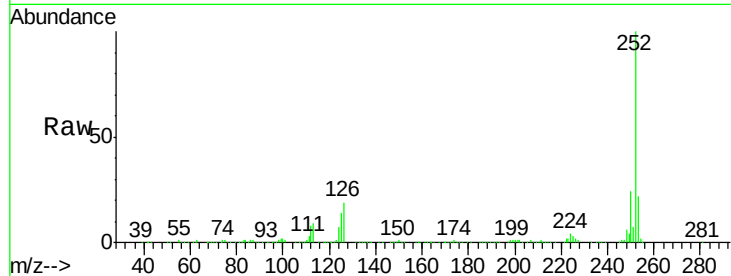




#87
Benzo(b)fluoranthene
Concen: 45.14 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

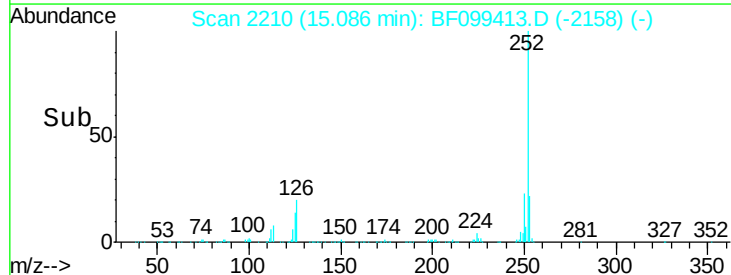
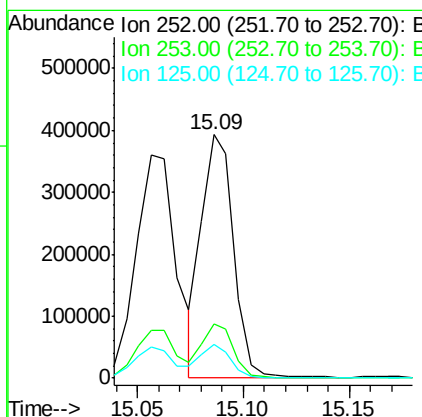
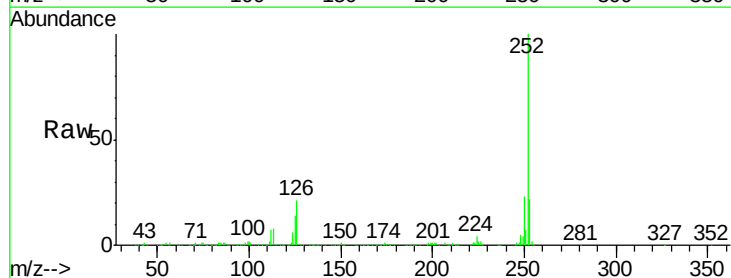
Instrument :
BNA_F
ClientSampleId :

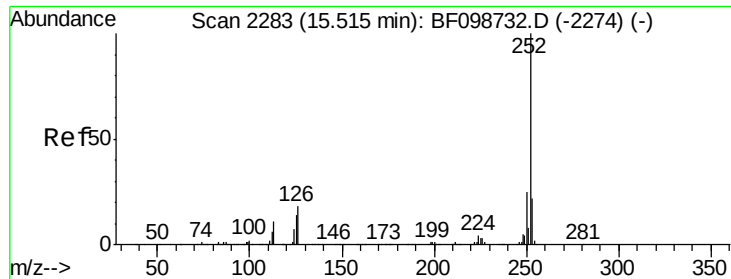
Tot Ion:252 Resp: 473696
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 39.75 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:252 Resp: 412048
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.1 10.2 15.2

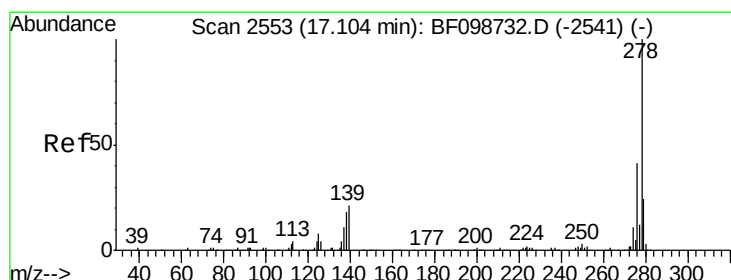
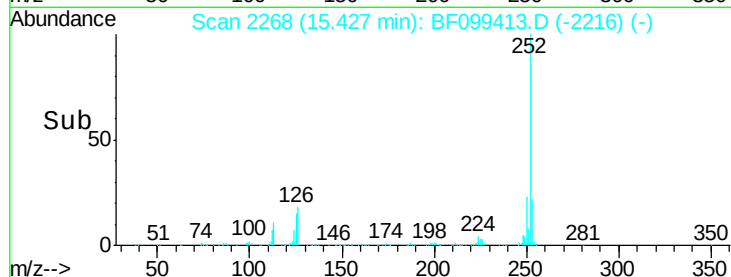
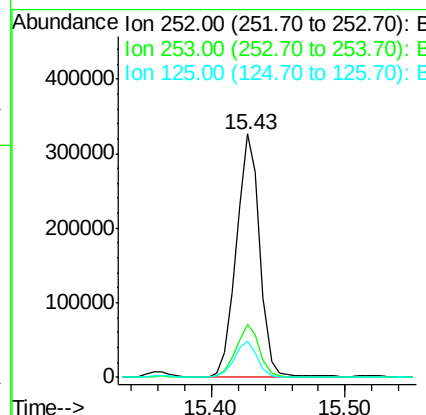
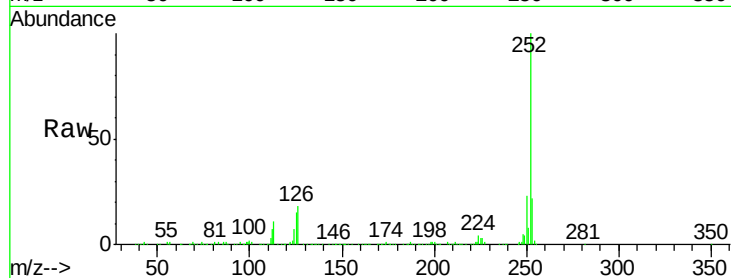




#89
Benzo(a)pyrene
Concen: 41.37 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

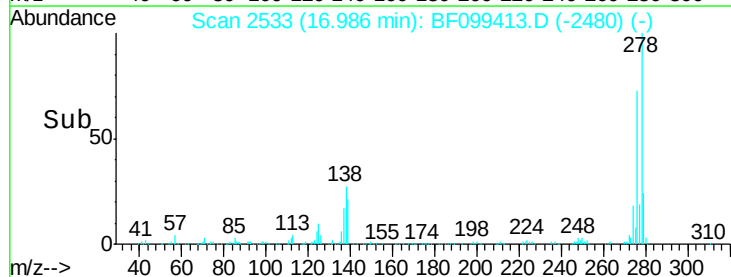
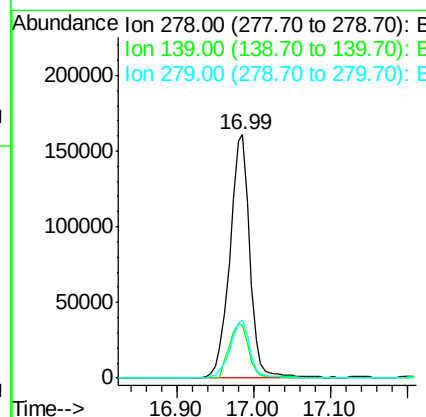
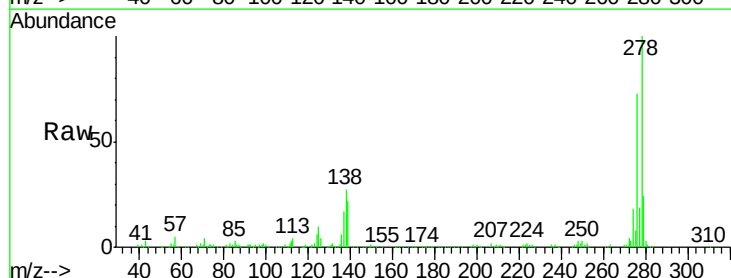
Instrument :
BNA_F
ClientSampleId :

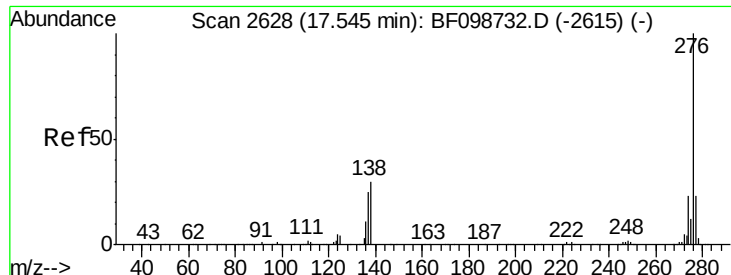
Tot Ion:252 Resp: 398508
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.85 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF099413.D
Acq: 12 Oct 2017 23:47

Tgt Ion:278 Resp: 291750
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 23.9 19.0 28.4

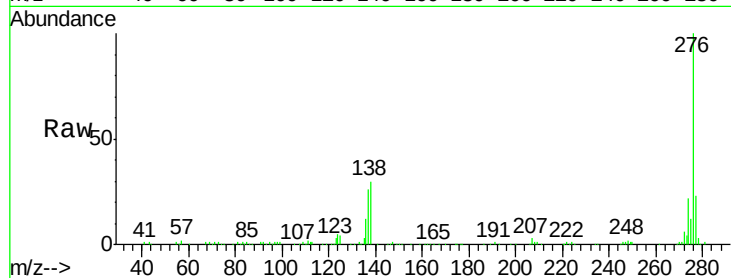




#91
 Benzo(a,h,i)perylene
 Concen: 35.82 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099413.D
 Acq: 12 Oct 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.7	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

