

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104362.D
 Acq On : 9 Apr 2018 10:53
 Operator : JU/SJ
 Sample : J2275-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:12:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	156926	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	643790	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	300657	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	531983	20.00	ng	0.00
75) Chrysene-d12	13.97	240	309369	20.00	ng	0.00
86) Perylene-d12	15.44	264	305701	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1131638	110.26	ng	0.02
7) Phenol-d6	6.44	99	1435626	113.85	ng	0.01
23) Nitrobenzene-d5	7.37	82	879230	89.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	352079	112.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1431300	75.21	ng	0.00
78) Terphenyl-d14	12.92	244	1300195	95.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	150104	31.389	ng	90
3) Pyridine	3.32	79	417219	31.031	ng	87
4) n-Nitrosodimethylamine	3.27	42	184826	39.325	ng	81
6) Aniline	6.47	93	192738	11.002	ng	96
8) 2-Chlorophenol	6.59	128	417781	38.568	ng	95
9) Benzaldehyde	6.35	77	123836	15.594	ng	98
10) Phenol	6.45	94	522401	39.045	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	403928	37.832	ng	96
12) 1,3-Dichlorobenzene	6.75	146	436092	35.536	ng	98
13) 1,4-Dichlorobenzene	6.82	146	438244	35.825	ng	100
14) 1,2-Dichlorobenzene	6.97	146	404377	35.672	ng	98
15) Benzyl Alcohol	6.95	79	361157	37.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	519293	36.216	ng	93
17) 2-Methylphenol	7.06	107	350687	37.244	ng	98
18) Hexachloroethane	7.32	117	160907	36.893	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	284685	34.549	ng	90
20) 3+4-Methylphenols	7.21	107	412668	35.337	ng	# 82
22) Acetophenone	7.22	105	557604	35.181	ng	# 94
24) Nitrobenzene	7.39	77	428066	39.325	ng	97
25) Isophorone	7.63	82	803246	38.527	ng	99
26) 2-Nitrophenol	7.70	139	225296	50.841	ng	97
27) 2,4-Dimethylphenol	7.74	122	370587	40.276	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	512966	40.242	ng	99
29) 2,4-Dichlorophenol	7.95	162	345444	39.347	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	347657	36.083	ng	98
31) Naphthalene	8.11	128	1171953	36.558	ng	100
32) Benzoic acid	7.80	122	27548	3.752	ng	95
33) 4-Chloroaniline	8.16	127	90638	6.600	ng	97
34) Hexachlorobutadiene	8.23	225	185111	35.076	ng	100
35) Caprolactam	8.53	113	68213	22.272	ng	# 85
36) 4-Chloro-3-methylphenol	8.64	107	373493	39.675	ng	100
37) 2-Methylnaphthalene	8.80	142	766096	36.945	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	313706	36.450	ng	99
40) Hexachlorocyclopentadiene	8.96	237	321942	66.817	ng	97

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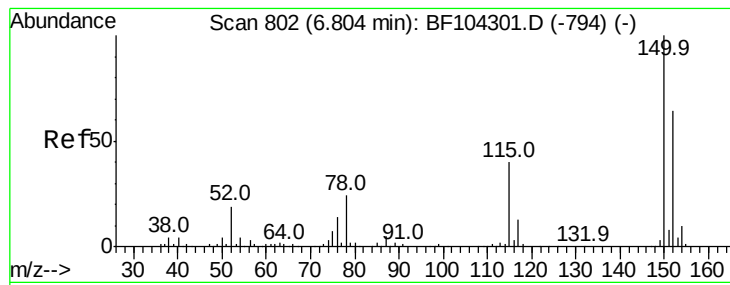
Instrument :
 BNA_F
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Quant Time: Apr 10 01:12:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.08	196	238633	39.942	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	247234	36.980	ng	95
45) 1,1'-Biphenyl	9.27	154	894884	35.431	ng	99
46) 2-Chloronaphthalene	9.29	162	712649	35.722	ng	100
47) 2-Nitroaniline	9.39	65	223234	45.247	ng	97
48) Acenaphthylene	9.71	152	1085068	34.666	ng	99
49) Dimethylphthalate	9.57	163	1016435	42.871	ng	99
50) 2,6-Dinitrotoluene	9.63	165	195022	44.453	ng	94
51) Acenaphthene	9.88	154	660159	34.567	ng	99
52) 3-Nitroaniline	9.80	138	111621	21.733	ng	99
53) 2,4-Dinitrophenol	9.90	184	164065	86.828	ng	# 23
54) Dibenzofuran	10.05	168	969098	36.412	ng	97
55) 4-Nitrophenol	9.96	139	345697	85.685	ng	98
56) 2,4-Dinitrotoluene	10.03	165	261875	45.507	ng	97
57) Fluorene	10.40	166	713051	36.808	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	201489	40.396	ng	96
59) Diethylphthalate	10.27	149	831576	35.217	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	322749	37.410	ng	99
61) 4-Nitroaniline	10.42	138	196735	39.176	ng	98
62) Azobenzene	10.55	77	790588	35.045	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	123974	47.873	ng	90
65) n-Nitrosodiphenylamine	10.51	169	674219	36.553	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	207047	36.590	ng	90
67) Hexachlorobenzene	10.94	284	226291	35.541	ng	93
68) Atrazine	11.04	200	221884	39.853	ng	99
69) Pentachlorophenol	11.13	266	261992	66.512	ng	97
70) Phenanthrene	11.36	178	1041018	35.139	ng	99
71) Anthracene	11.41	178	1076777	35.756	ng	100
72) Carbazole	11.56	167	1018897	34.624	ng	99
73) Di-n-butylphthalate	11.90	149	1254233	34.891	ng	100
74) Fluoranthene	12.55	202	1012087	32.697	ng	99
76) Benzidine	12.67	184	153192	10.244	ng	97
77) Pyrene	12.77	202	996263	43.445	ng	100
79) Butylbenzylphthalate	13.40	149	476368	44.094	ng	99
80) Benzo(a)anthracene	13.97	228	652530	35.306	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	92476	13.420	ng	97
82) Chrysene	14.00	228	661050	34.822	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	575378	41.407	ng	98
84) Di-n-octyl phthalate	14.58	149	866717	37.328	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	809336	50.187	ng	97
87) Benzo(b)fluoranthene	15.04	252	571657	29.608	ng	97
88) Benzo(k)fluoranthene	15.04	252	571657	31.361	ng	99
89) Benzo(a)pyrene	15.38	252	623389	36.085	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	666797	46.996	ng	99
91) Benzo(g,h,i)perylene	17.33	276	676905	49.243	ng	96

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

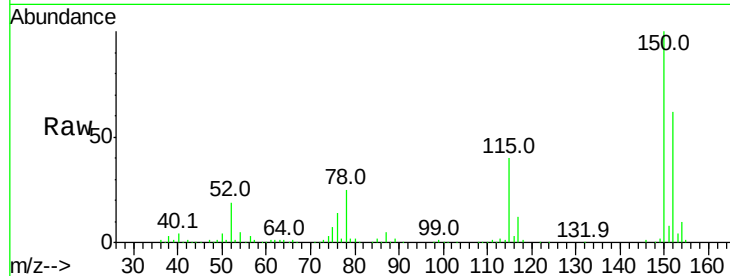


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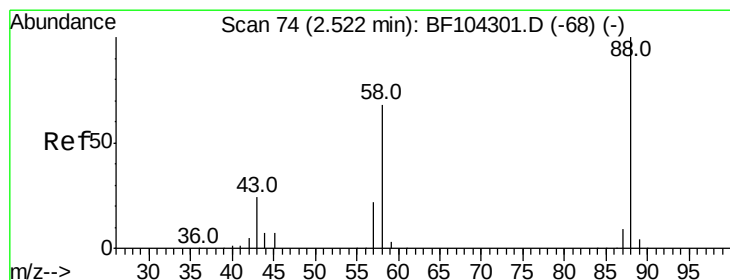
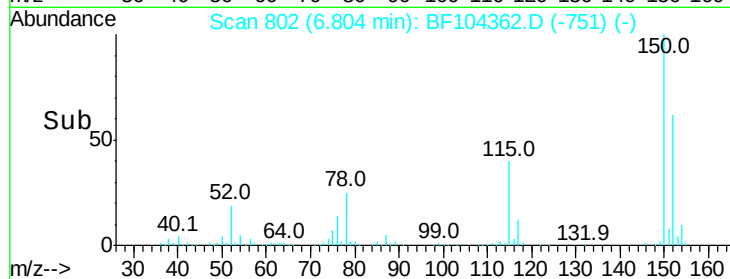
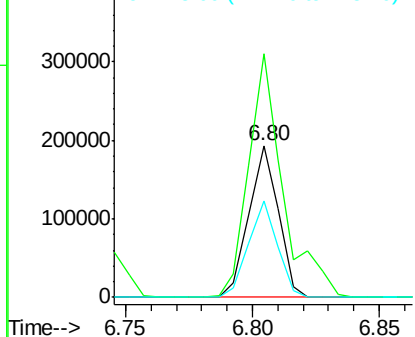
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156926
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 63.4 50.1 75.1



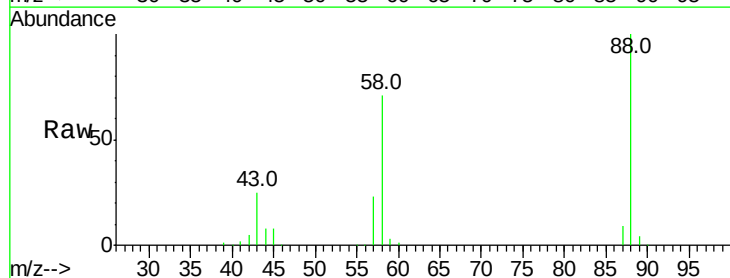
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



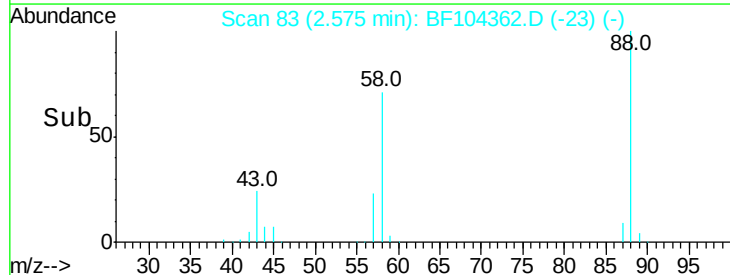
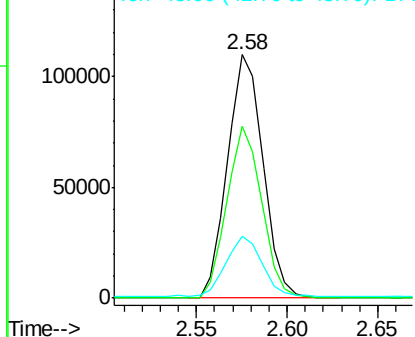
#2

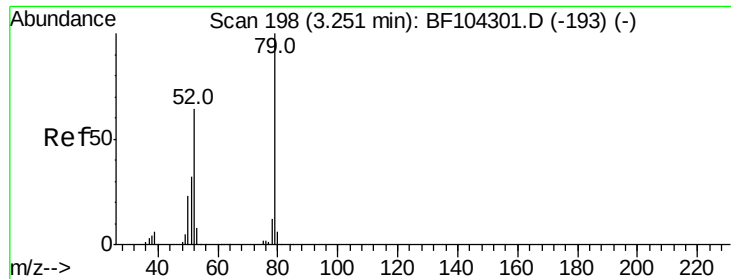
1,4-Dioxane
Concen: 31.389 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.05 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion: 88 Resp: 150104
Ion Ratio Lower Upper
88 100
58 69.3 62.6 93.8
43 25.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.031 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

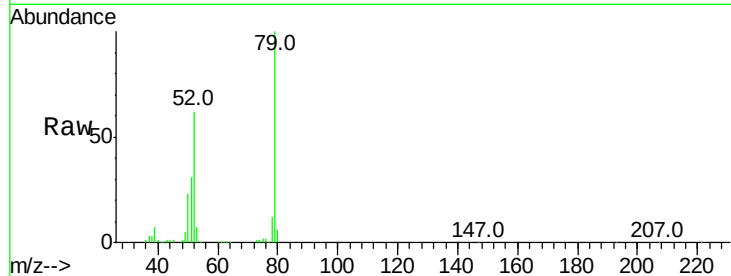
Tot Ion: 79 Resp: 417219

Ion Ratio Lower Upper

79 100

52 62.4 59.8 89.6

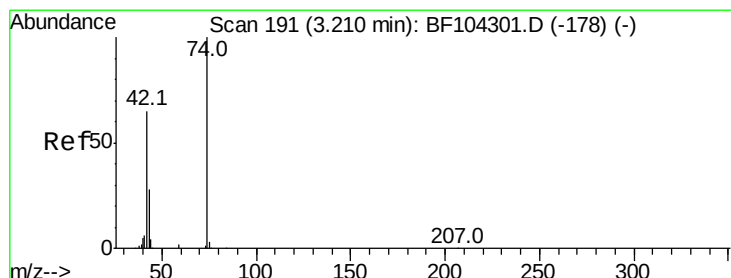
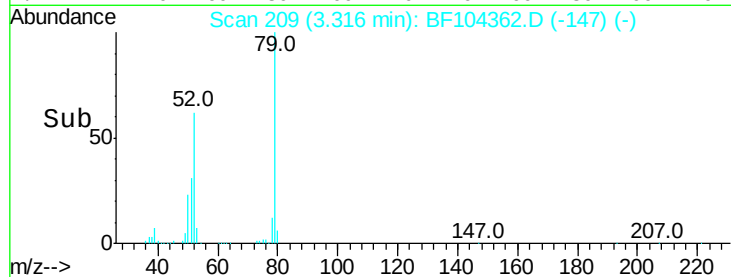
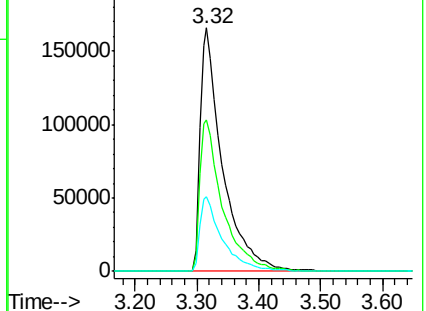
51 30.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.325 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.06 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

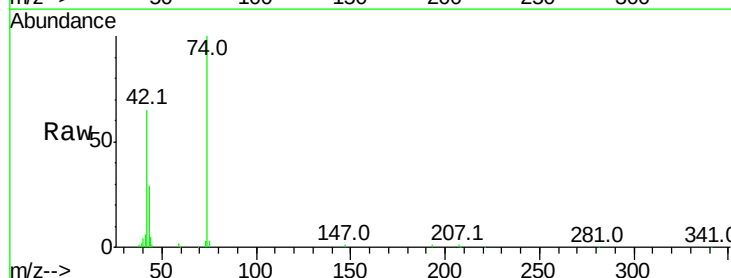
Tgt Ion: 42 Resp: 184826

Ion Ratio Lower Upper

42 100

74 154.2 104.9 157.3

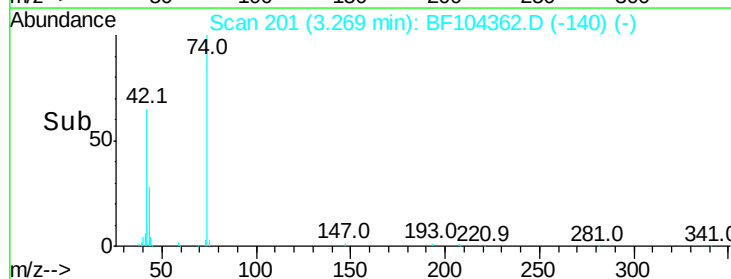
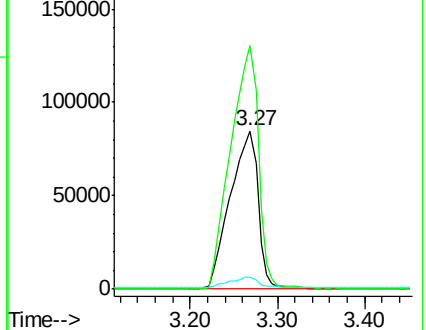
44 7.7 6.9 10.3

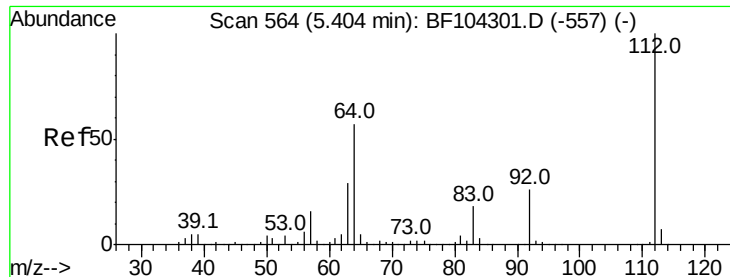


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.265 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampleId :

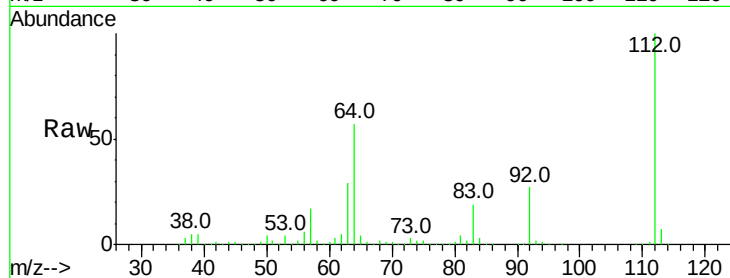
Tot Ion:112 Resp: 1131638

Ion Ratio Lower Upper

112 100

64 57.0 47.9 71.9

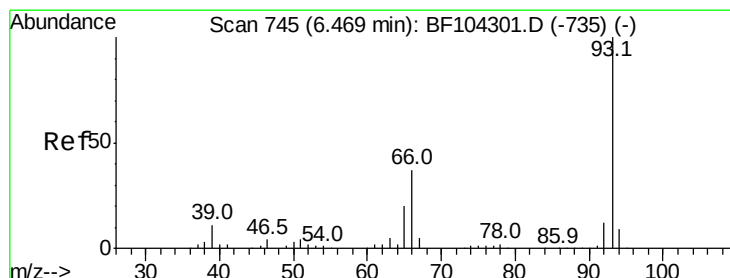
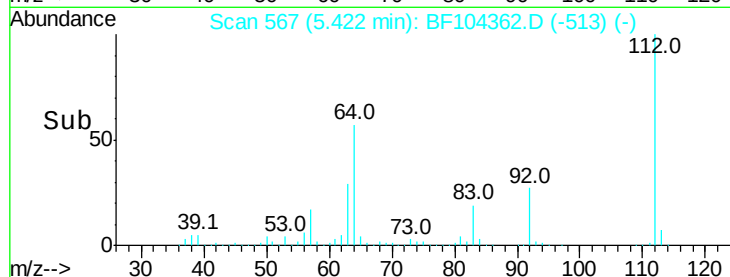
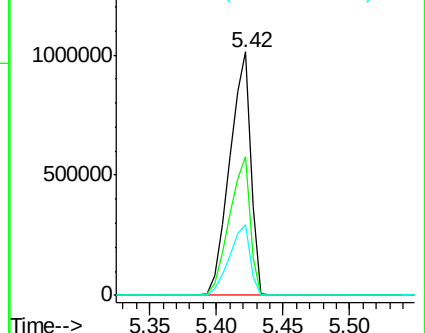
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.002 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

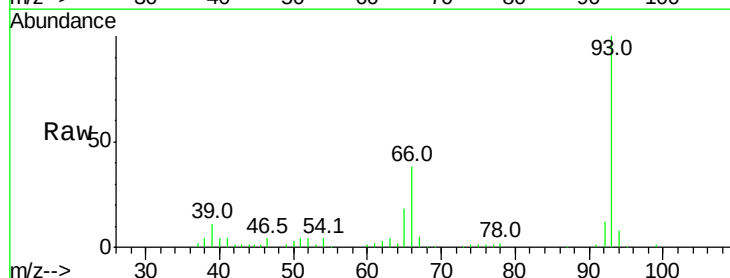
Tgt Ion: 93 Resp: 192738

Ion Ratio Lower Upper

93 100

66 37.8 32.2 48.2

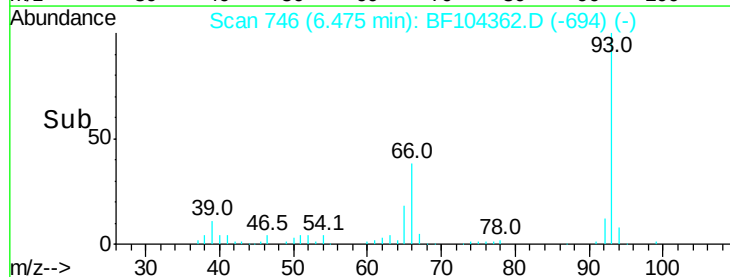
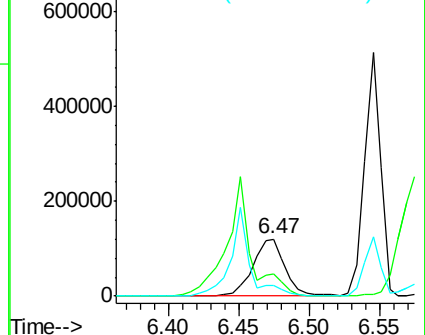
65 18.5 16.4 24.6

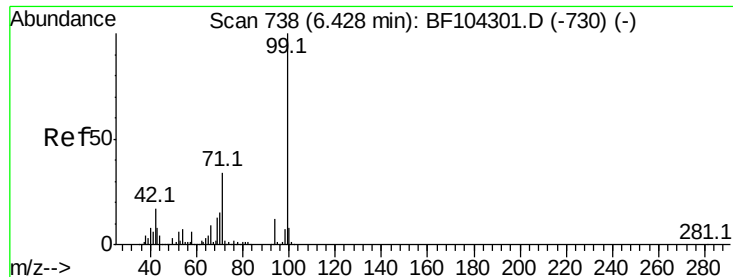


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.850 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

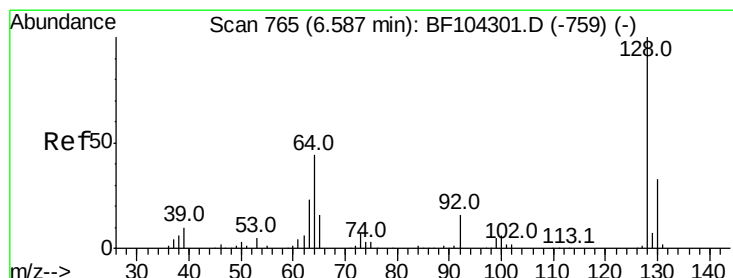
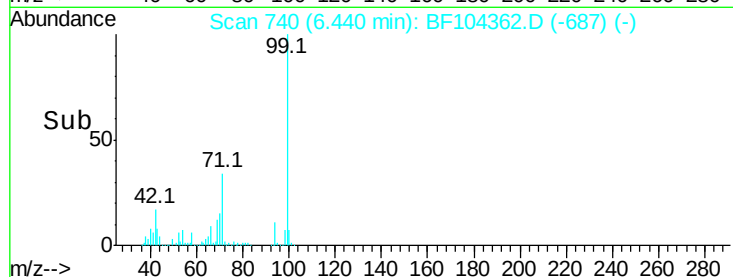
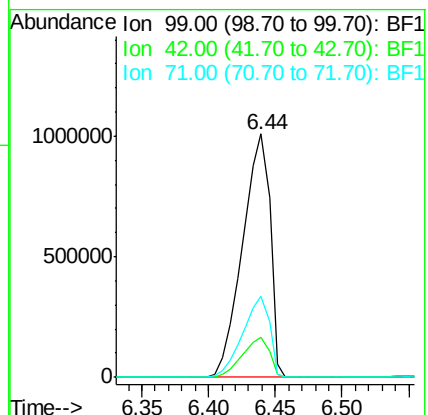
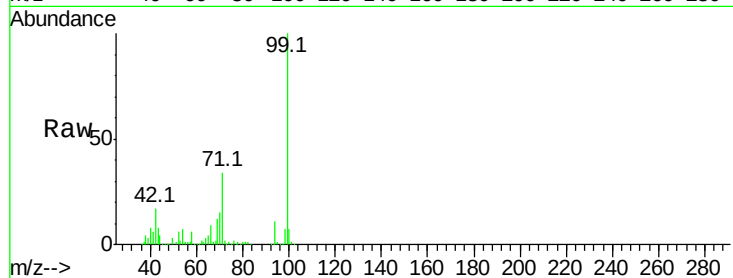
Tot Ion: 99 Resp: 1435626

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 33.5 25.4 38.0



#8

2-Chlorophenol

Concen: 38.568 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

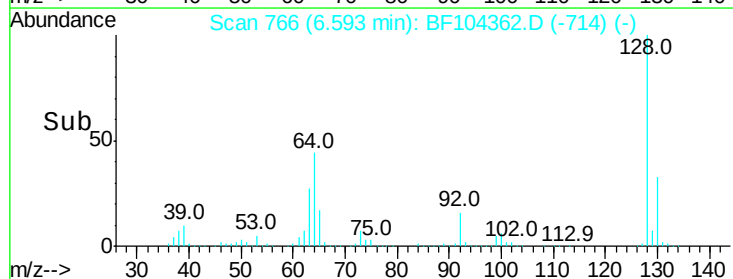
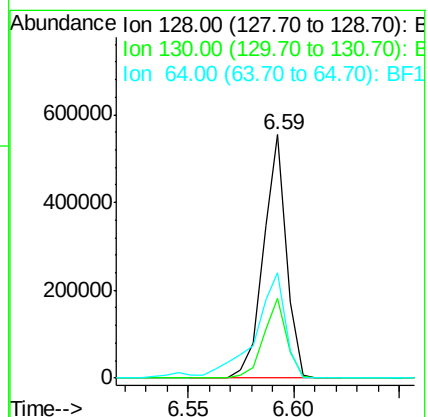
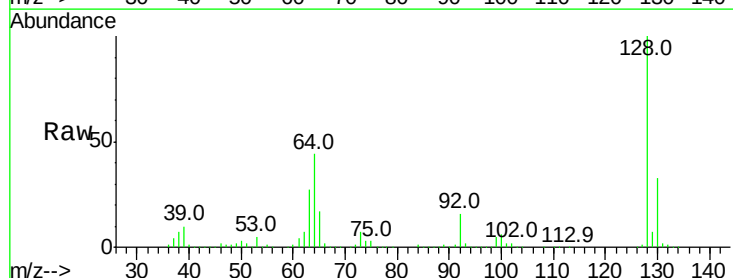
Tgt Ion:128 Resp: 417781

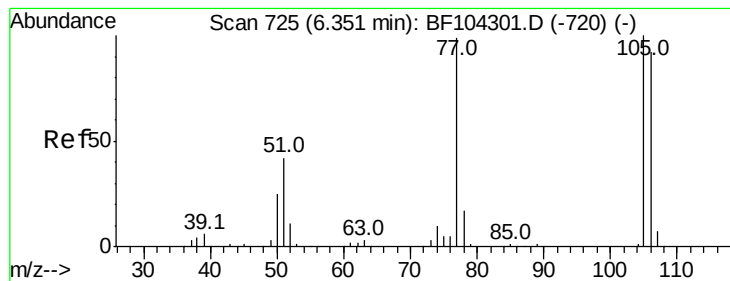
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 43.5 29.4 69.4





#9

Benzaldehyde

Concen: 15.594 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

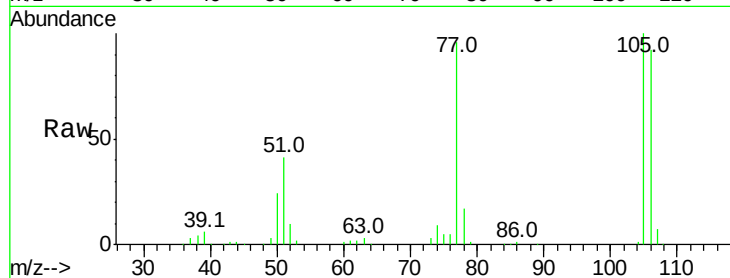
Tot Ion: 77 Resp: 123836

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

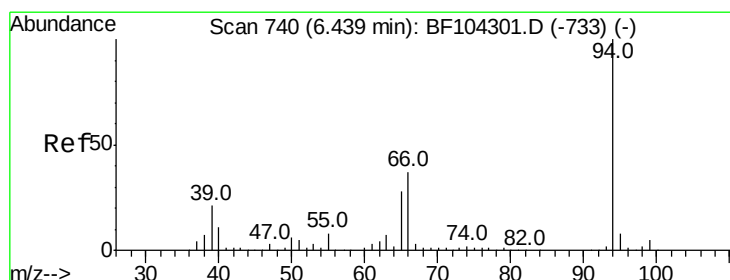
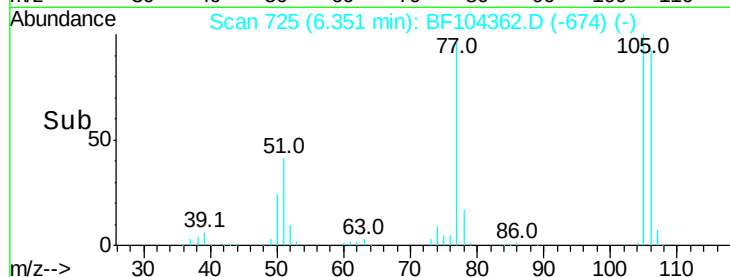
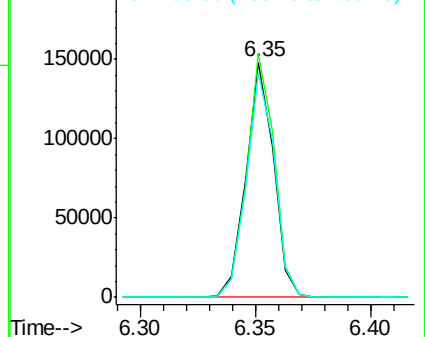
106 95.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.045 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

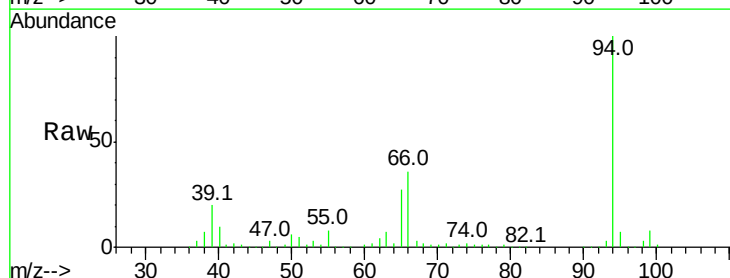
Tgt Ion: 94 Resp: 522401

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

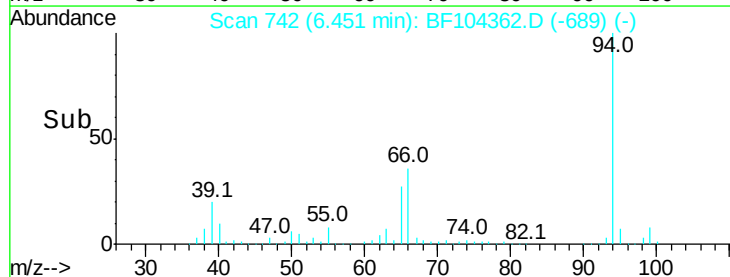
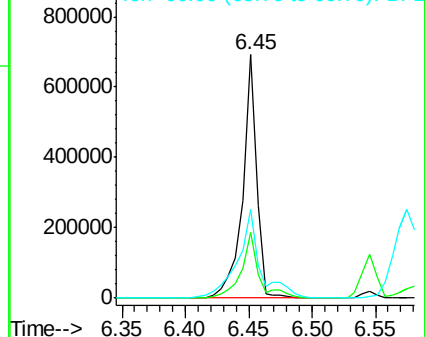
66 36.2 16.2 56.2

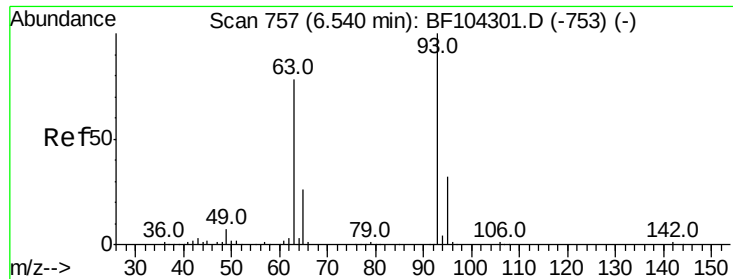


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.832 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

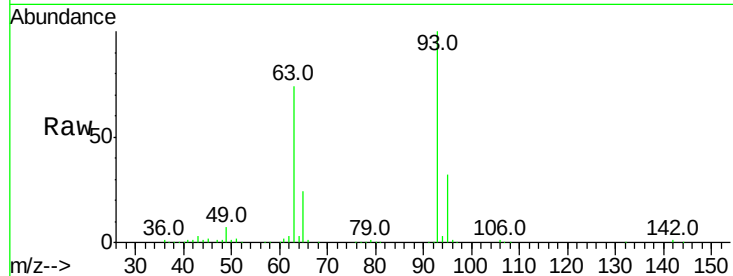
Tot Ion: 93 Resp: 403928

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

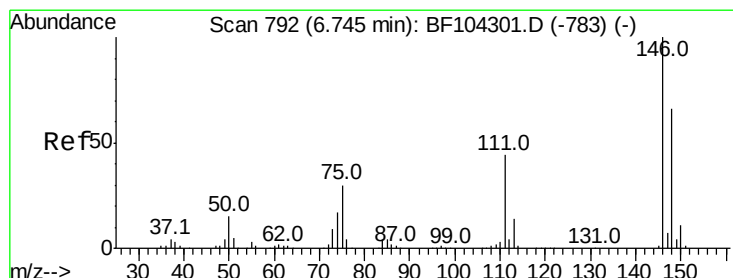
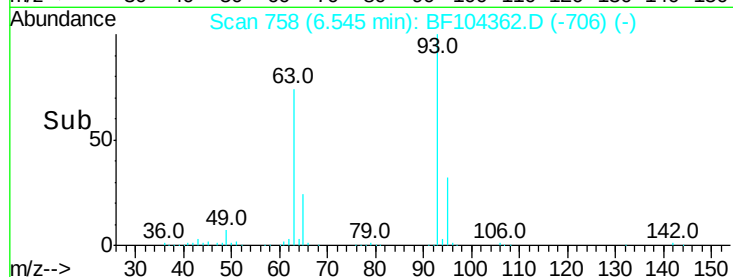
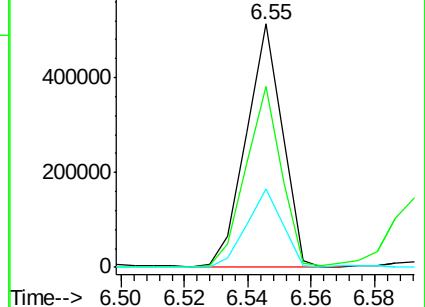
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.536 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

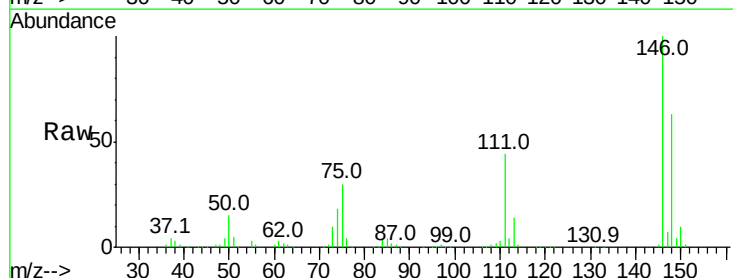
Tgt Ion: 146 Resp: 436092

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

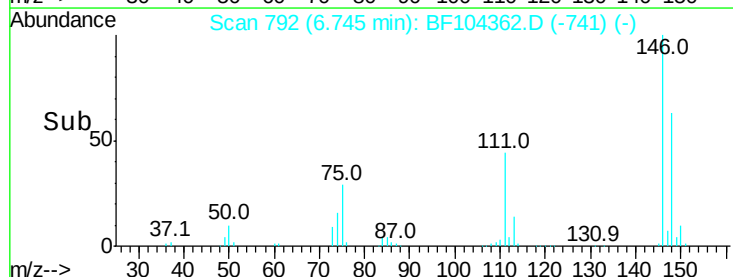
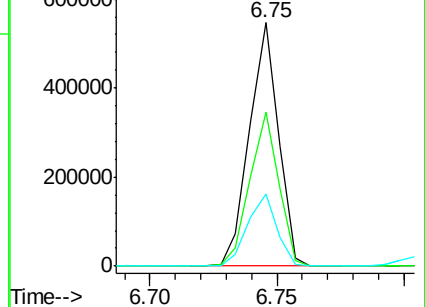
75 29.9 24.2 36.4

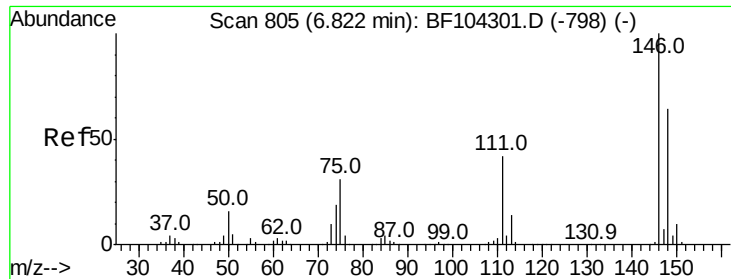


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

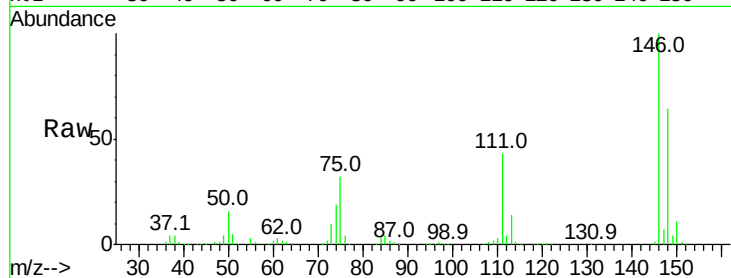




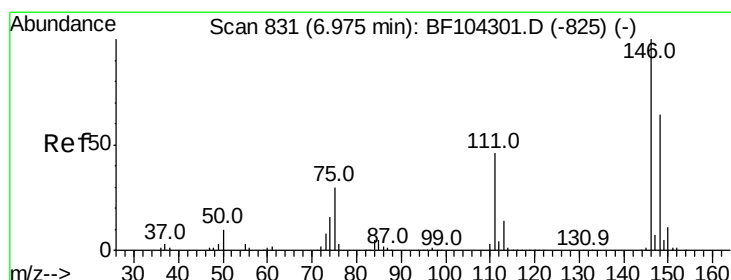
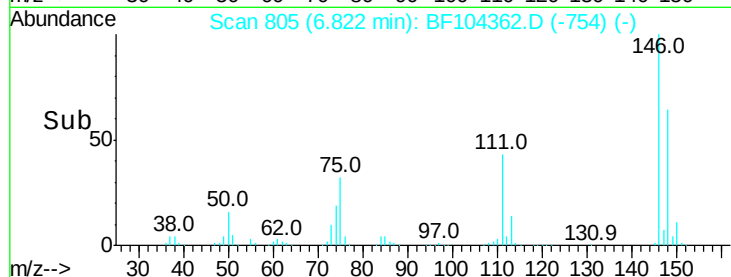
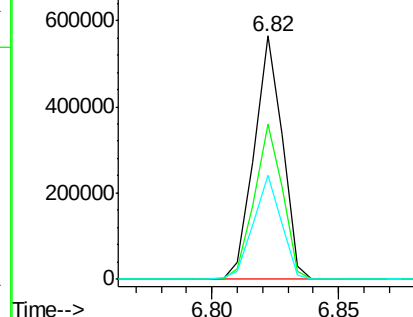
#13
 1,4-Dichlorobenzene
 Concen: 35.825 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 438244
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.8 34.2 51.2

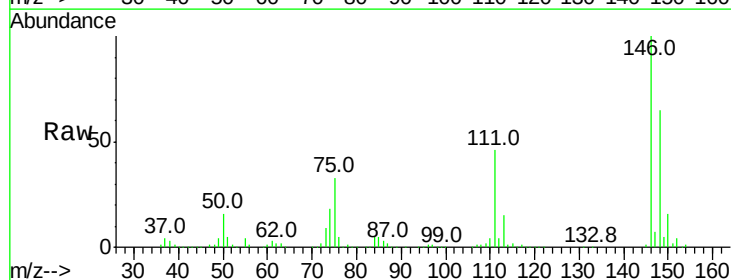


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

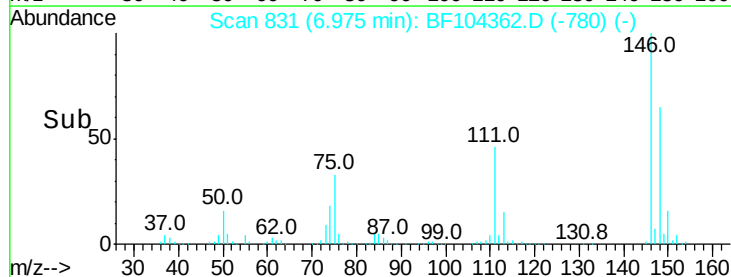
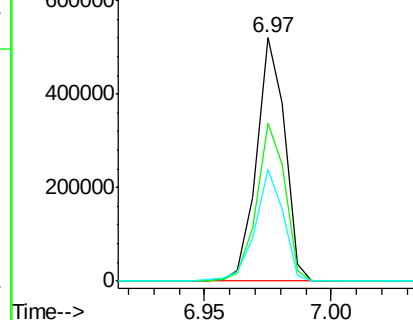


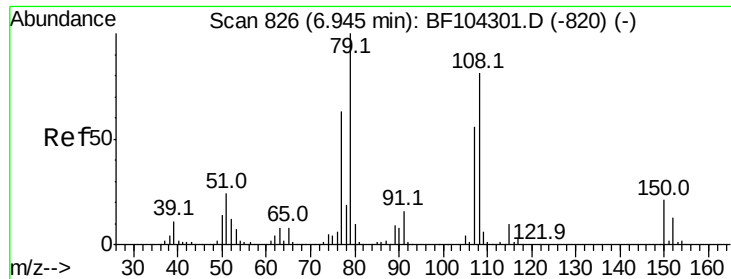
#14
 1,2-Dichlorobenzene
 Concen: 35.672 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:146 Resp: 404377
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 46.1 36.0 54.0



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

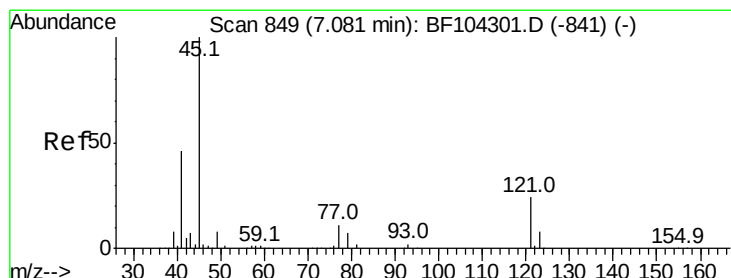
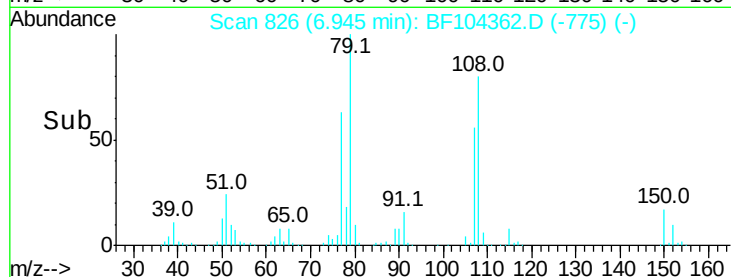
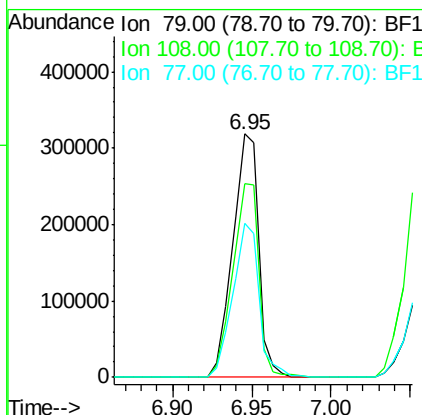
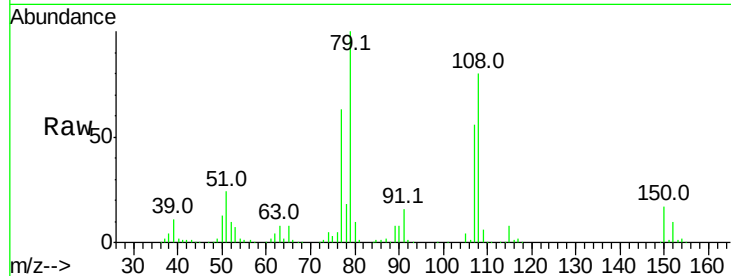




#15
Benzyl Alcohol
Concen: 37.709 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

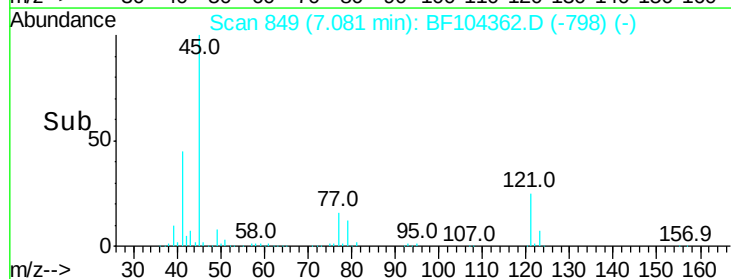
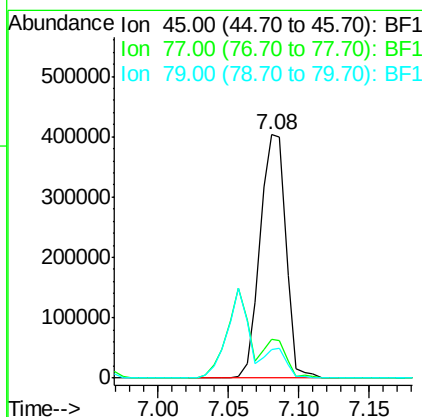
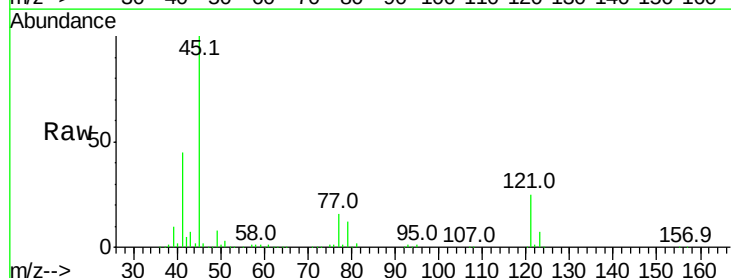
Instrument :
BNA_F
ClientSampled :

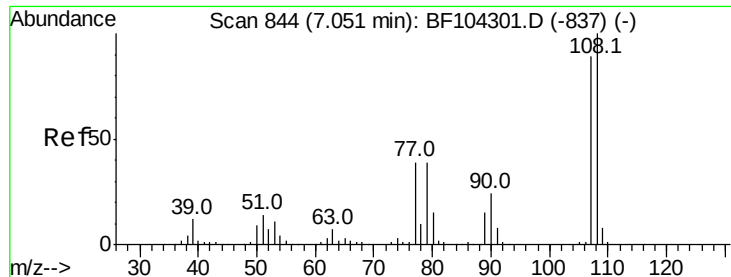
Tot Ion: 79 Resp: 361157
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.216 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion: 45 Resp: 519293
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 11.9 0.0 29.6

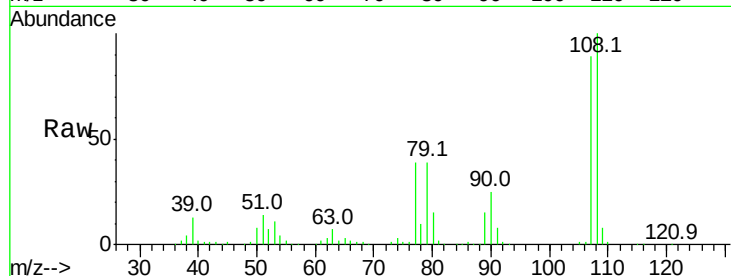




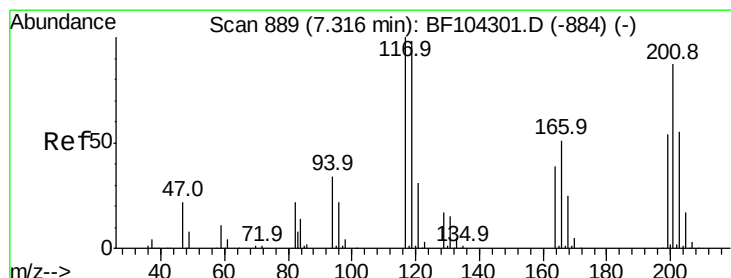
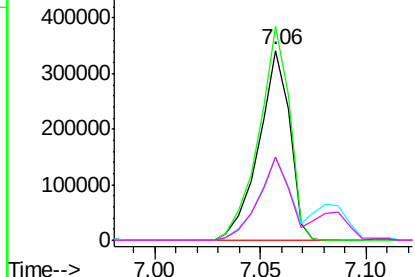
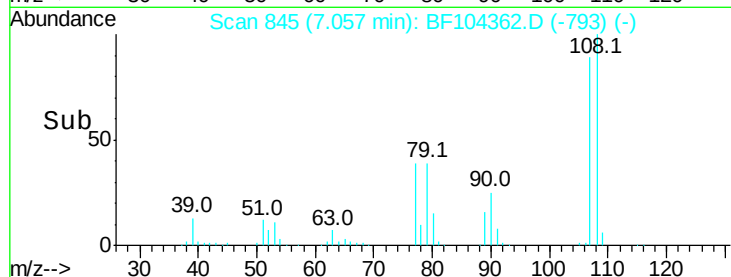
#17
2-Methylphenol
Concen: 37.244 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 350687
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 43.6 33.8 50.8
79 43.7 33.8 50.8

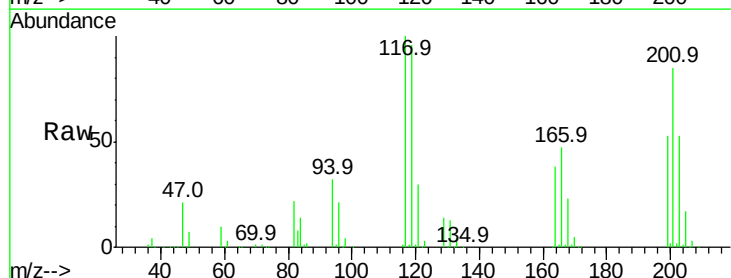


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

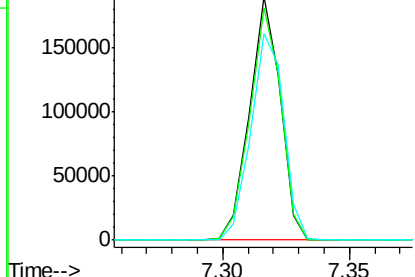
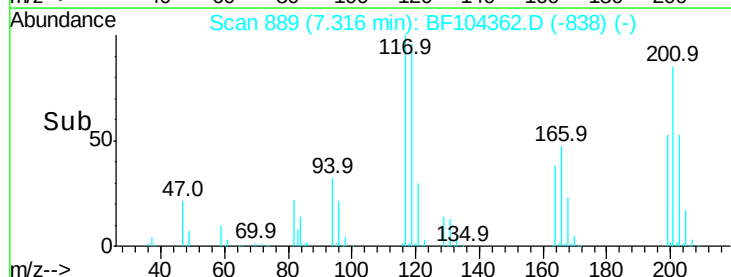


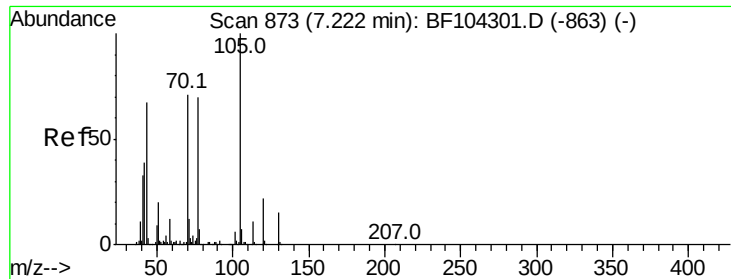
#18
Hexachloroethane
Concen: 36.893 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:117 Resp: 160907
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 85.0 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

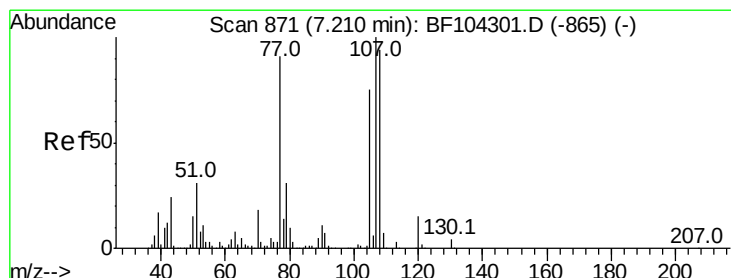
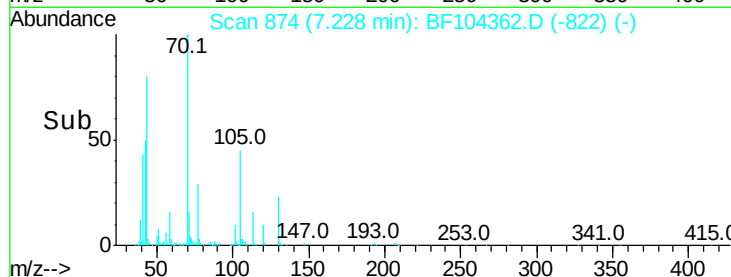
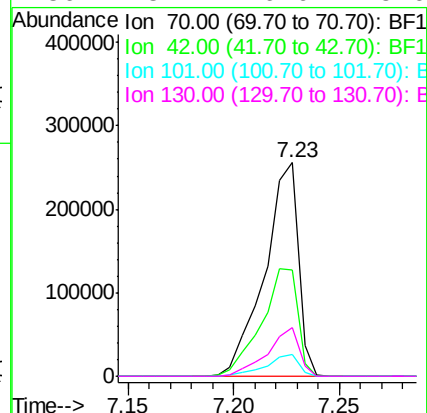
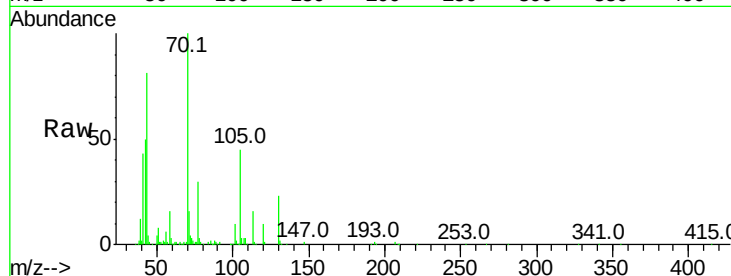




#19
n-Nitroso-di-n-propylamine
Concen: 34.549 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

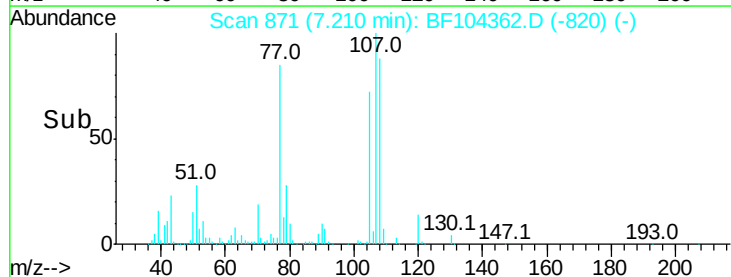
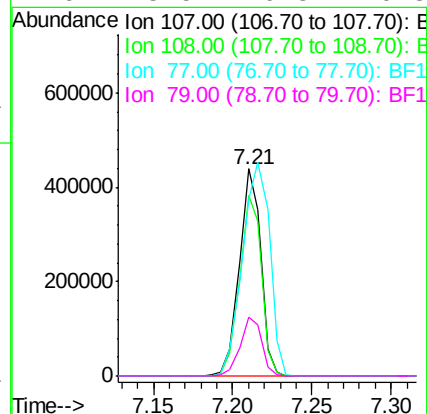
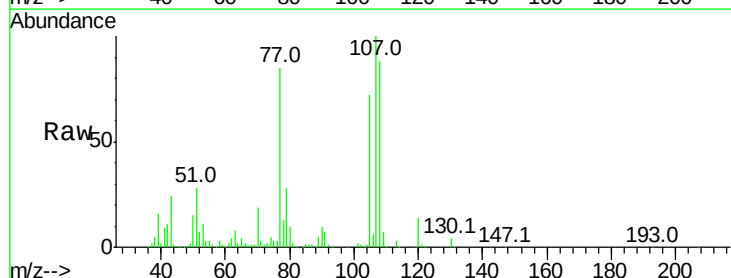
Instrument :
BNA_F
ClientSampleId :

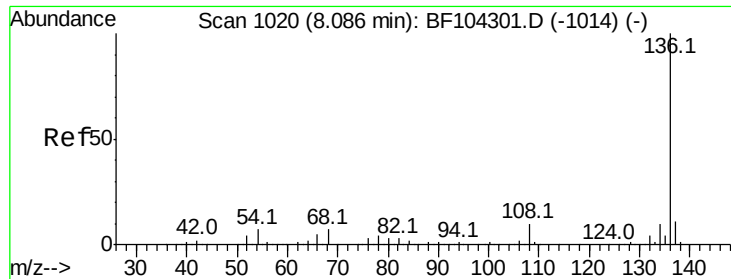
Tot Ion:	70	Resp:	284685
Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	10.0	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.337 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:	107	Resp:	412668
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	85.3	26.7	66.7#
79	28.5	6.3	46.3

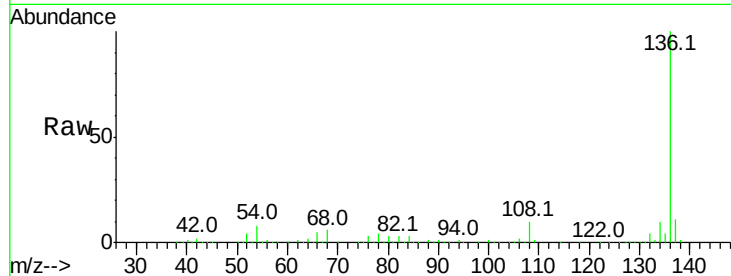




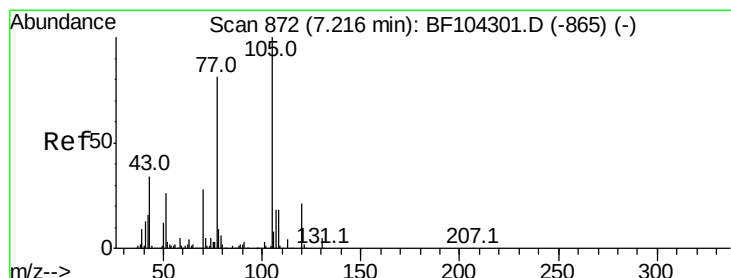
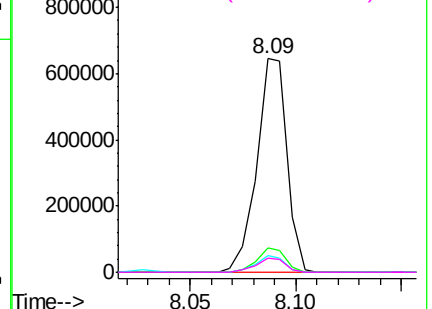
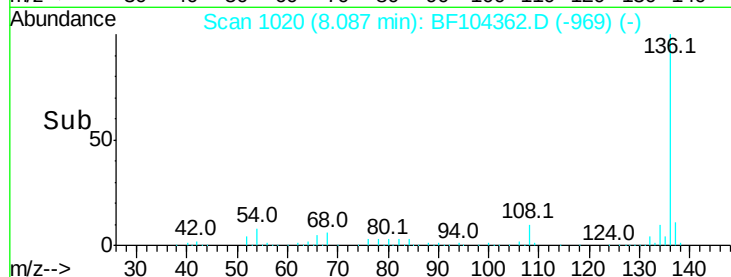
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	643790
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4

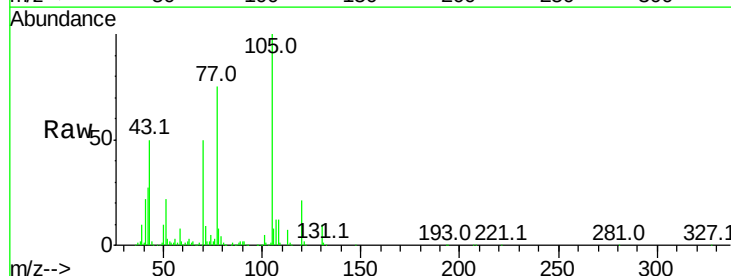


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

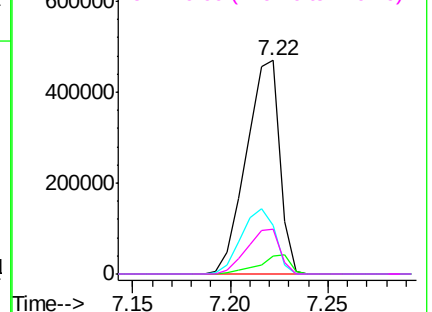
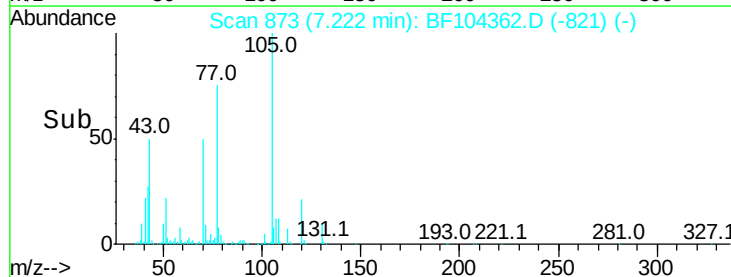


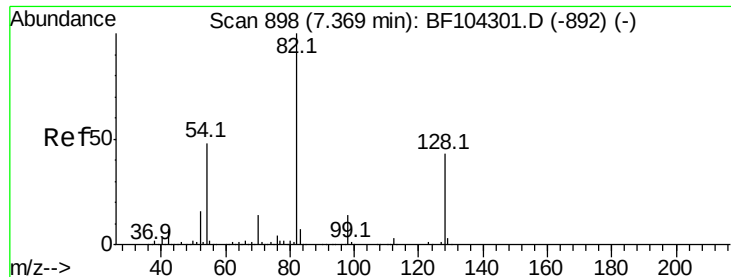
#22
Acetophenone
Concen: 35.181 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:	105	Resp:	557604
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	22.5	22.3	33.5
120	21.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

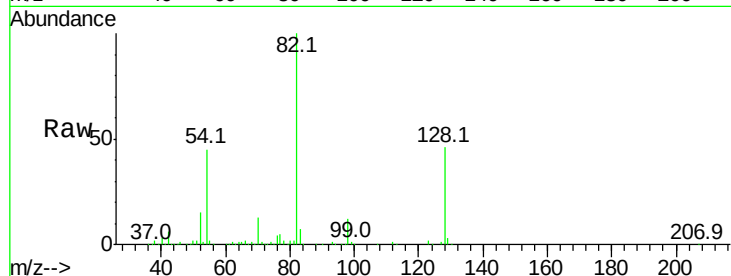




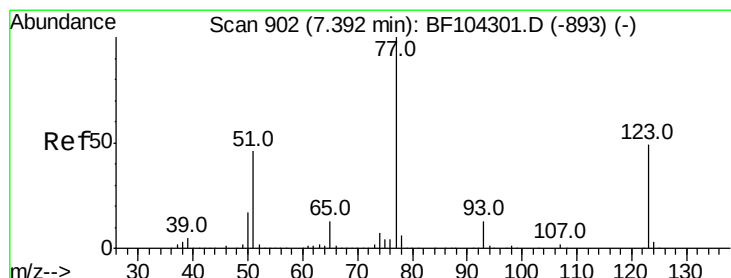
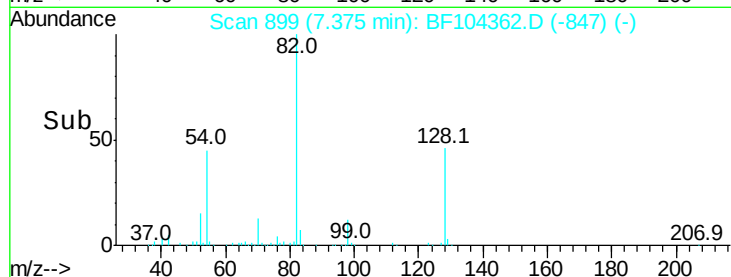
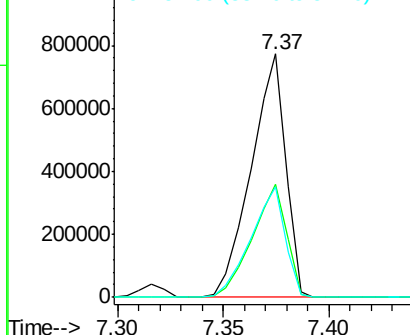
#23
 Nitrobenzene-d5
 Concen: 89.178 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 879230
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 45.3 41.4 62.2

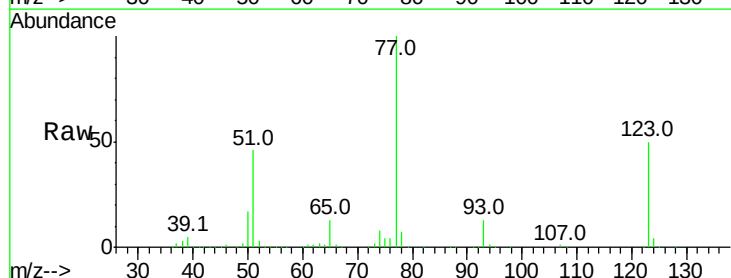


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

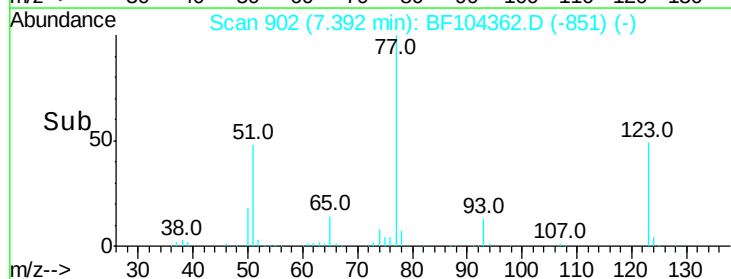
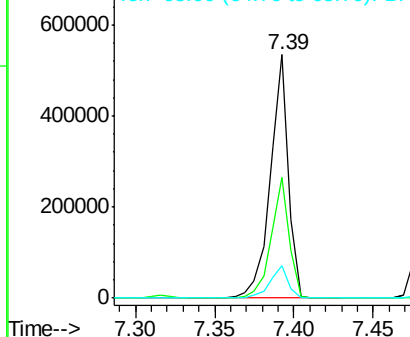


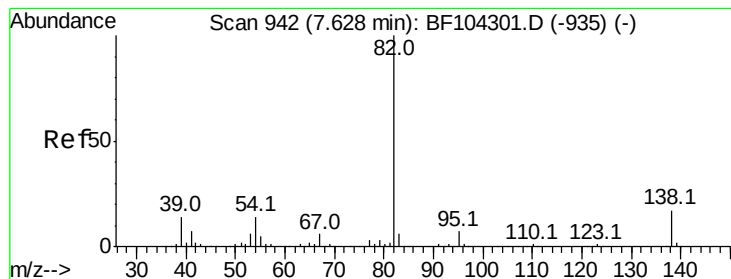
#24
 Nitrobenzene
 Concen: 39.325 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion: 77 Resp: 428066
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.9 56.9
 65 13.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.527 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

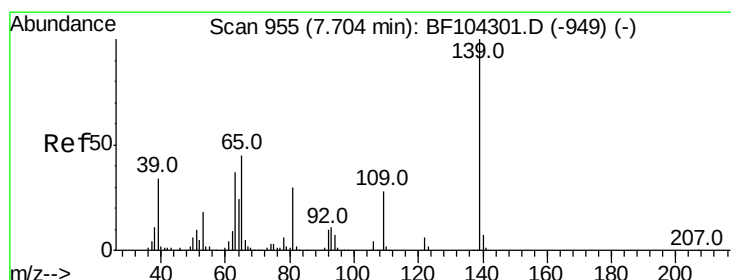
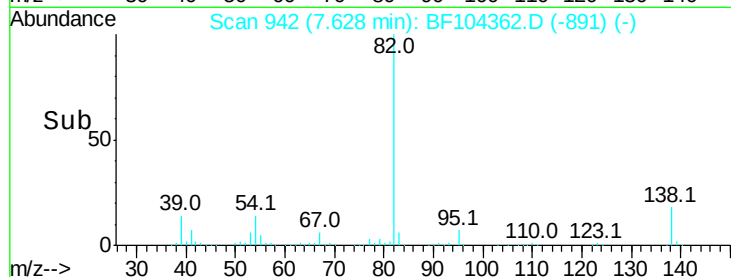
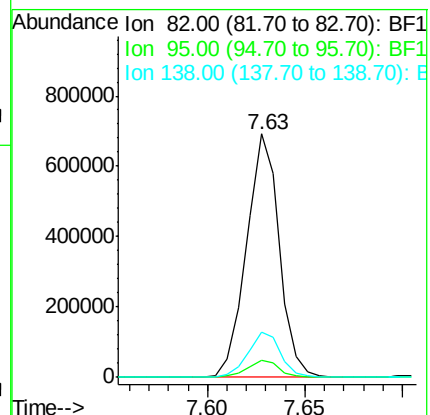
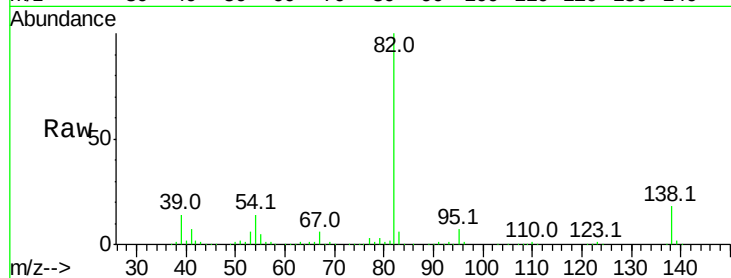
Tot Ion: 82 Resp: 803246

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 50.841 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

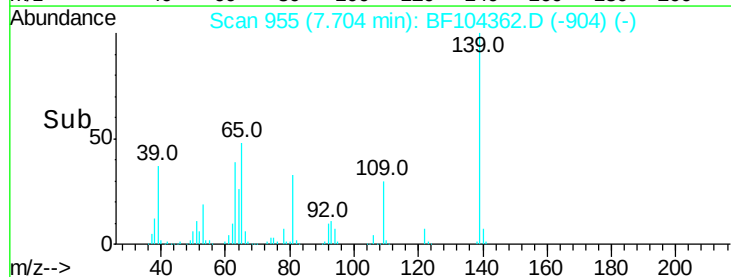
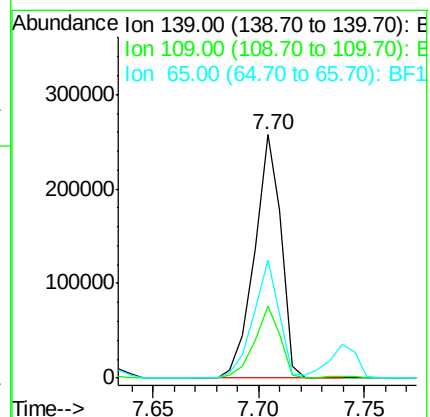
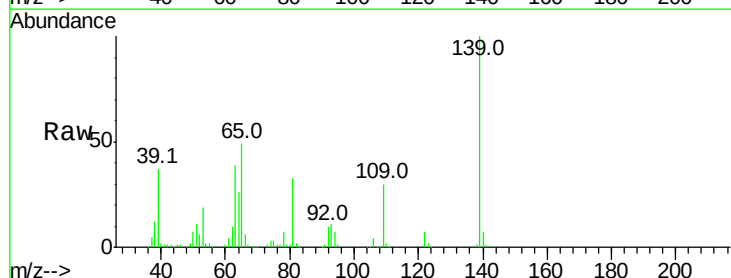
Tgt Ion: 139 Resp: 225296

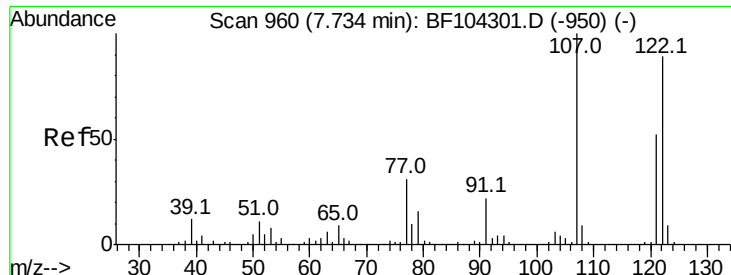
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 48.6 40.5 60.7

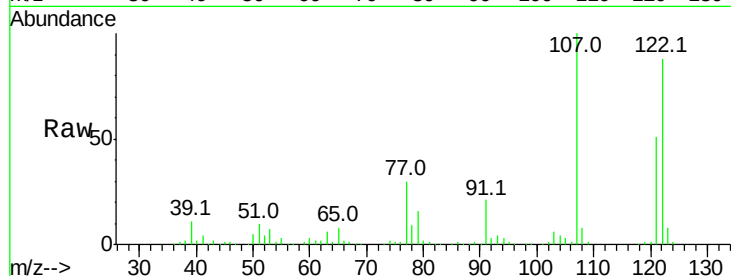




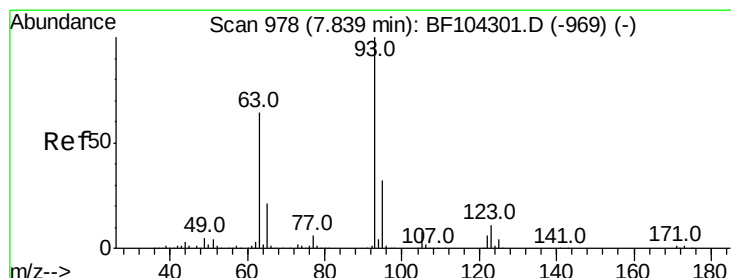
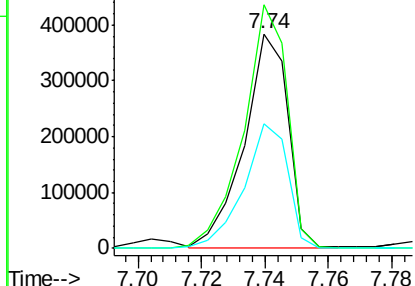
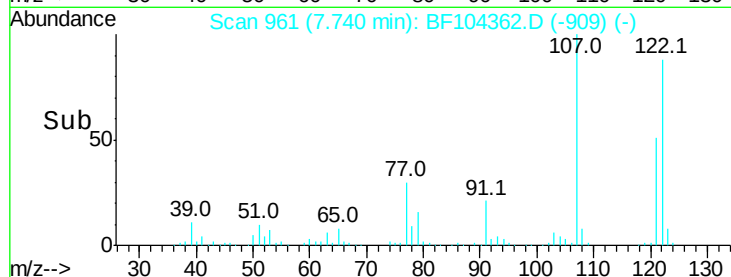
#27
 2,4-Dimethylphenol
 Concen: 40.276 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 370587
 Ion Ratio Lower Upper
 122 100
 107 113.6 91.2 136.8
 121 58.4 47.2 70.8

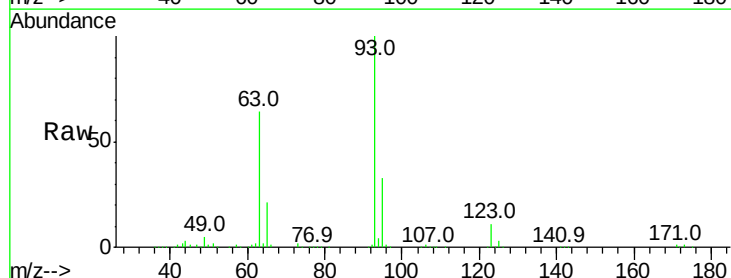


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

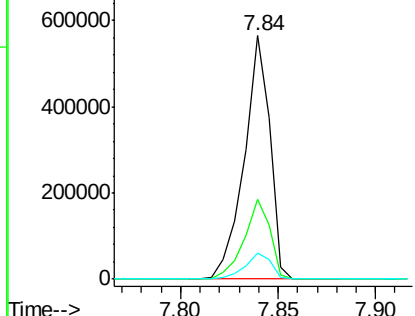
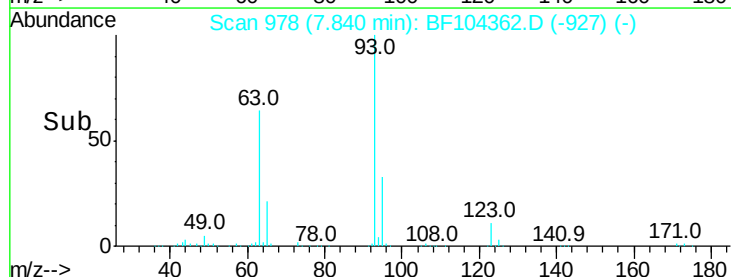


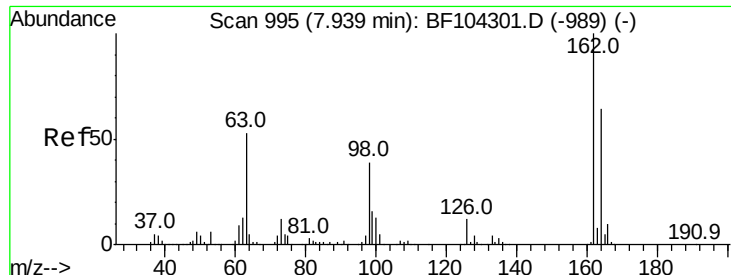
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.242 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion: 93 Resp: 512966
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.347 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampled :

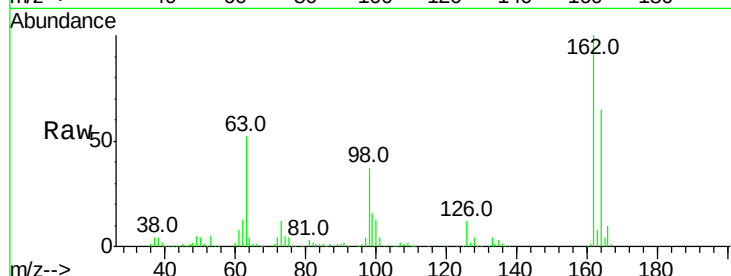
Tot Ion:162 Resp: 345444

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

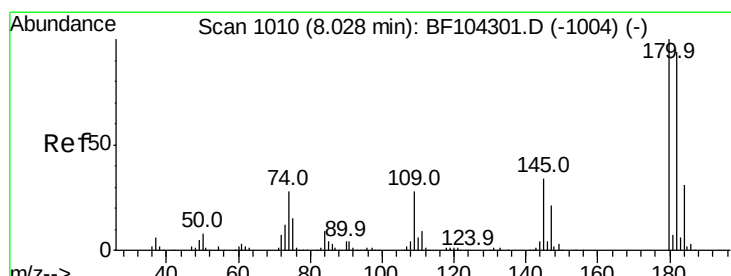
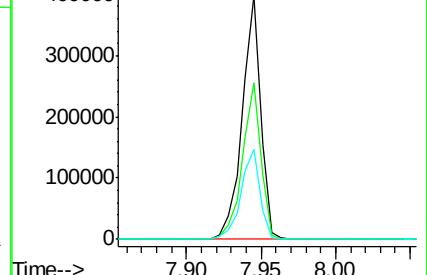
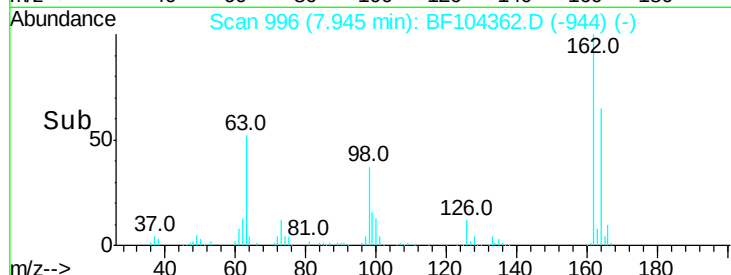
98 37.0 18.1 58.1



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): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.083 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

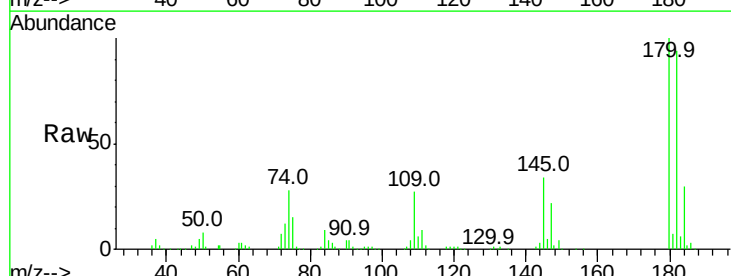
Tgt Ion:180 Resp: 347657

Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

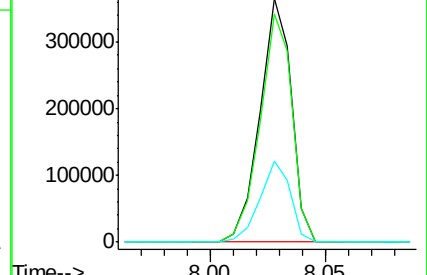
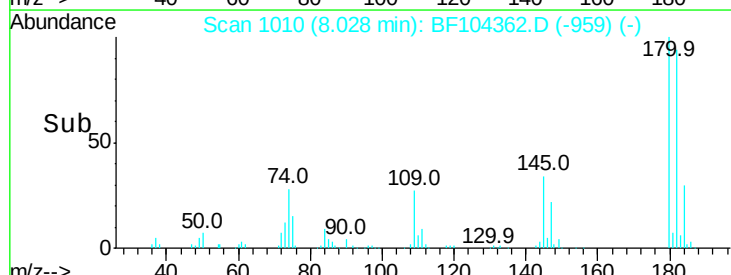
145 33.5 26.5 39.7

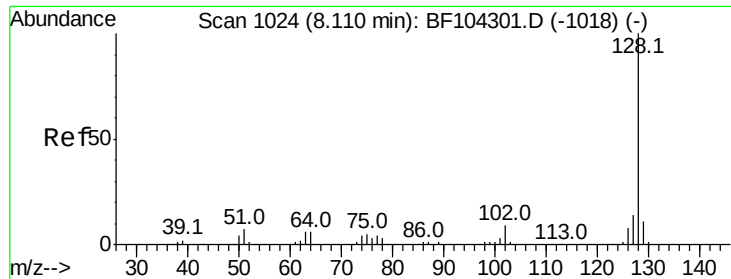


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

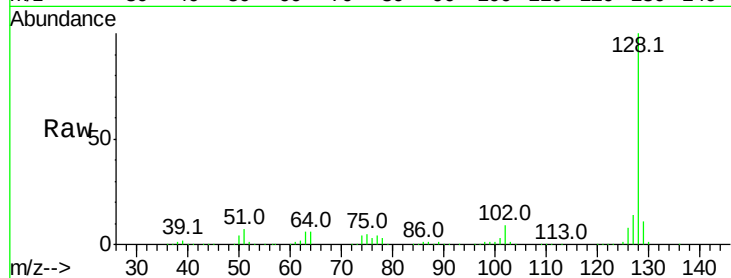




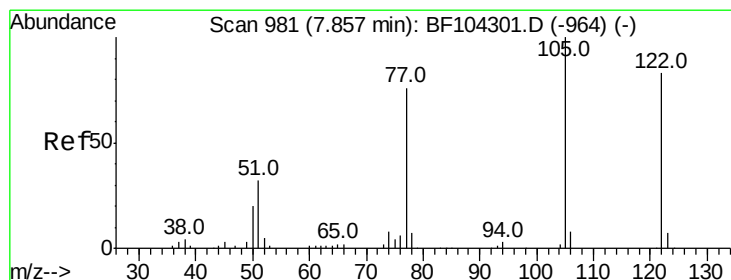
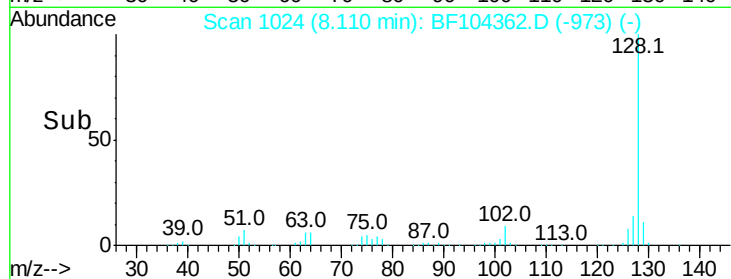
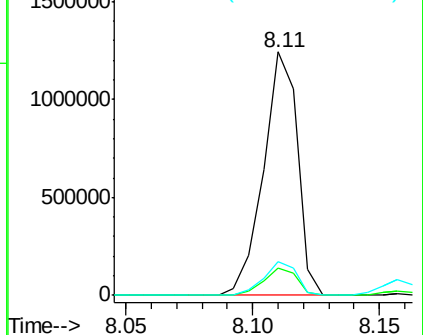
#31
Naphthalene
Concen: 36.558 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1171953
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.9 16.3

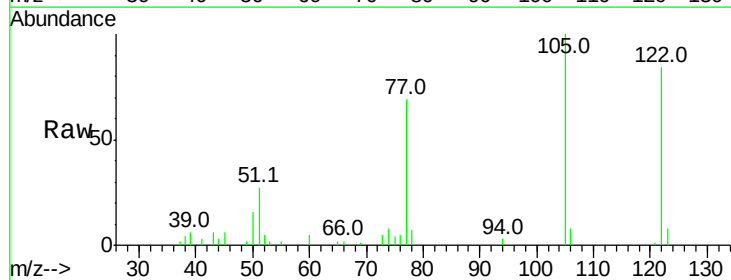


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

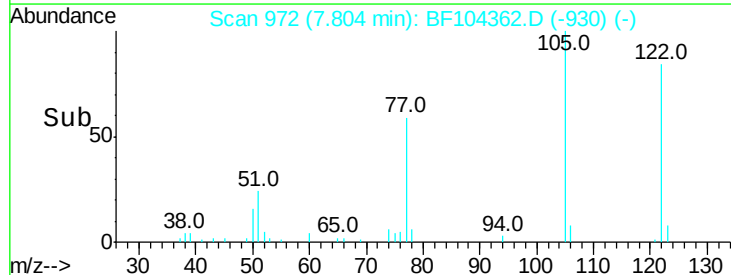
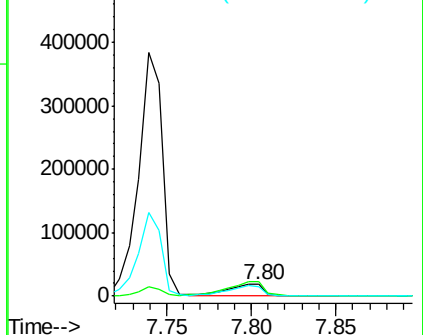


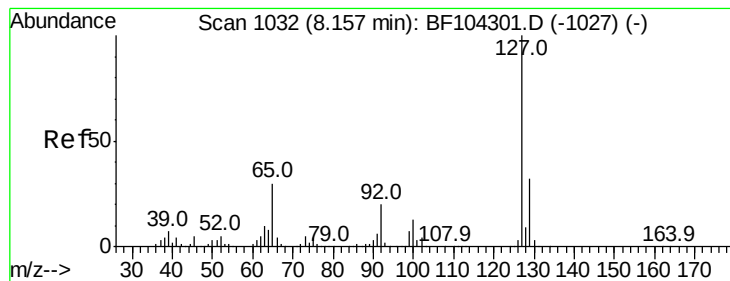
#32
Benzoic acid
Concen: 3.752 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.05 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:122 Resp: 27548
Ion Ratio Lower Upper
122 100
105 118.9 101.1 141.1
77 82.3 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): BF1





#33

4-Chloroaniline

Concen: 6.600 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 90638

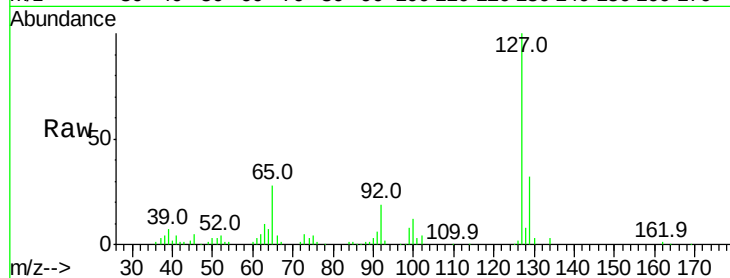
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 28.4 25.0 37.4

92 19.4 15.2 22.8

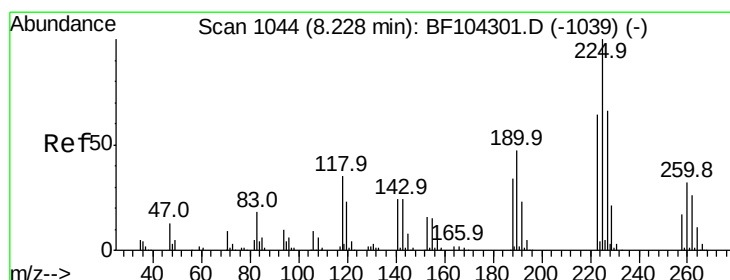
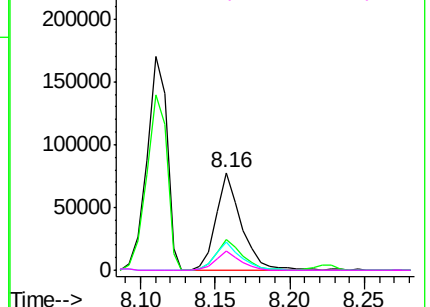
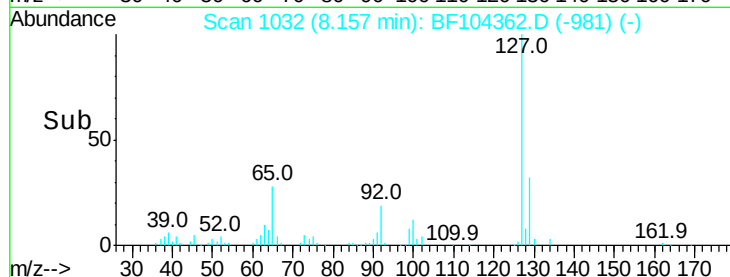


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.076 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

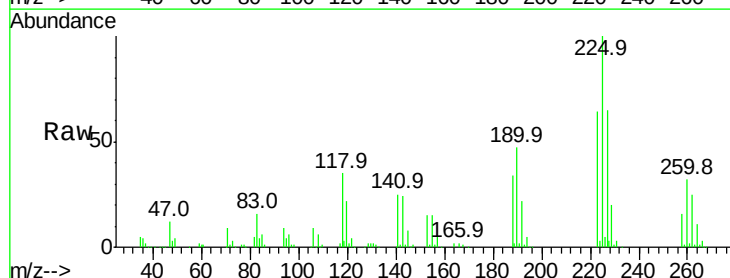
Tgt Ion:225 Resp: 185111

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

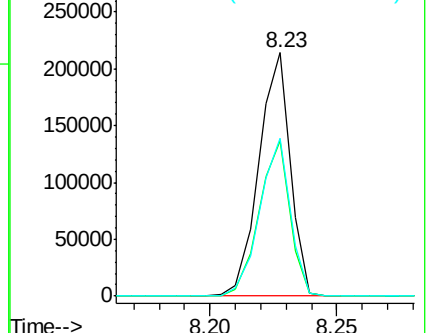
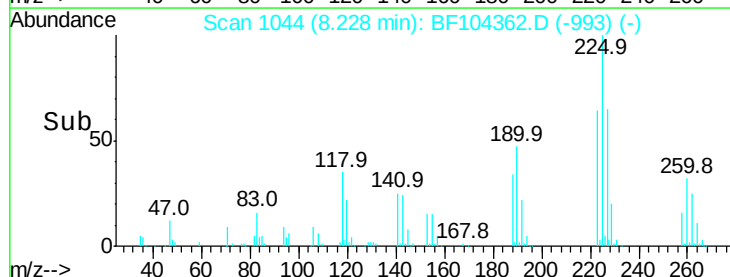
227 65.0 51.9 77.9

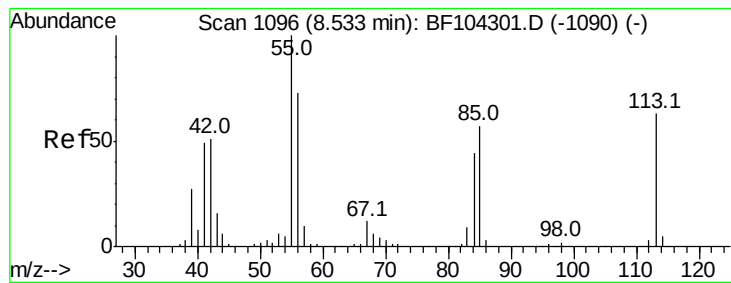


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.272 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

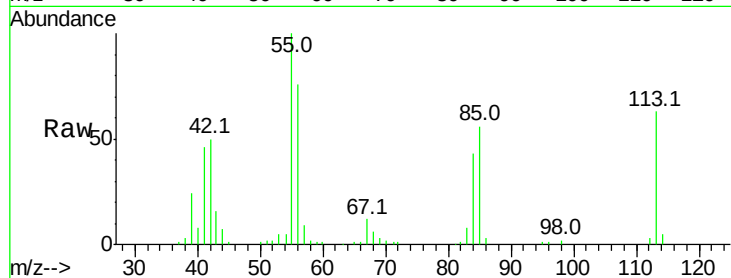
Tot Ion:113 Resp: 68213

Ion Ratio Lower Upper

113 100

55 159.7 163.3 203.3#

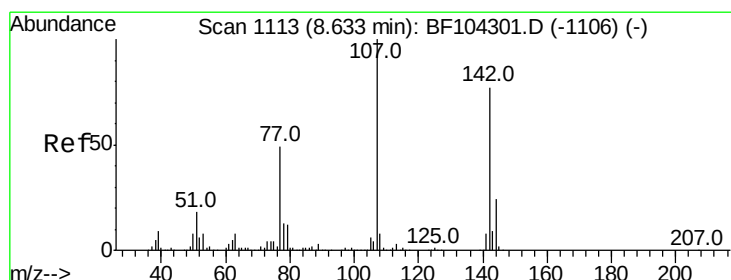
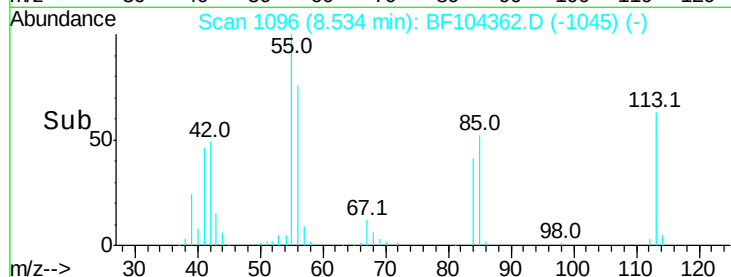
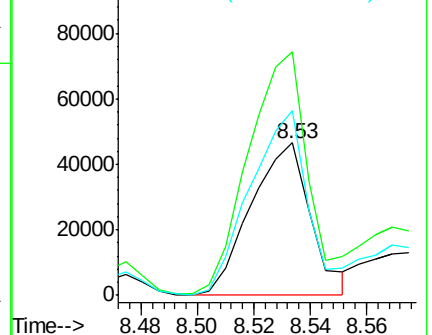
56 121.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.675 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

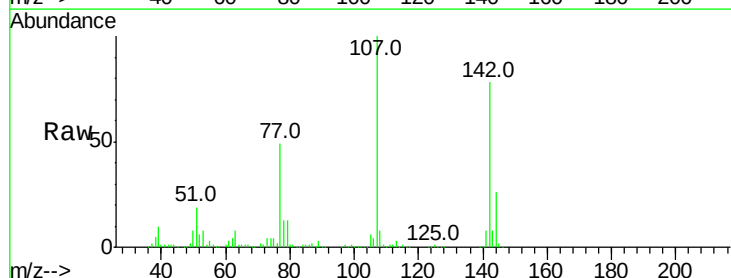
Tgt Ion:107 Resp: 373493

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

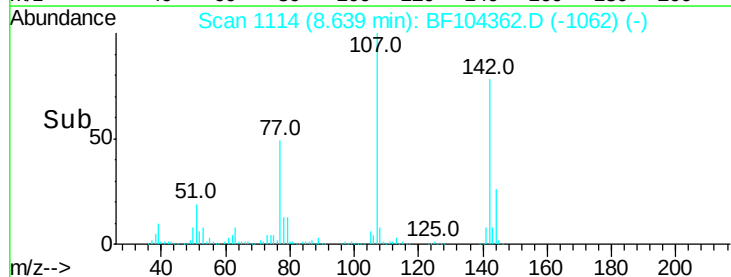
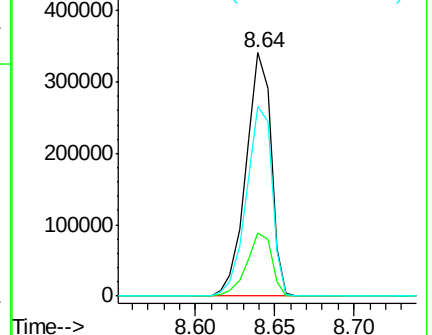
142 77.8 62.0 93.0

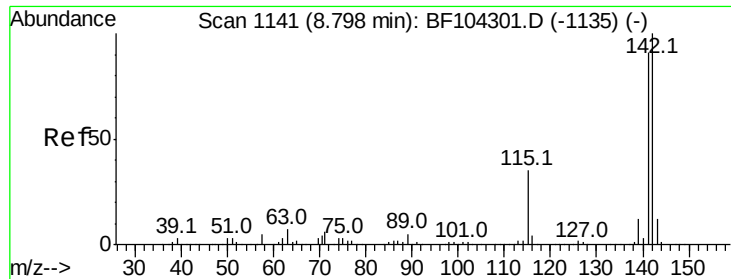


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

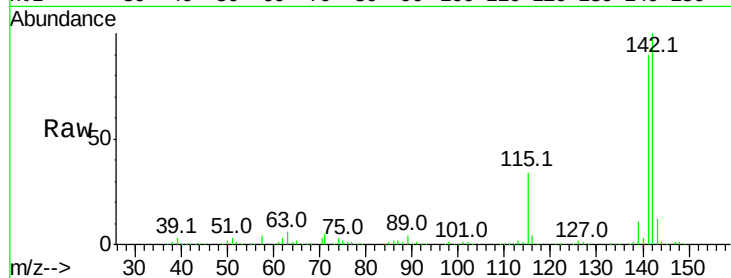




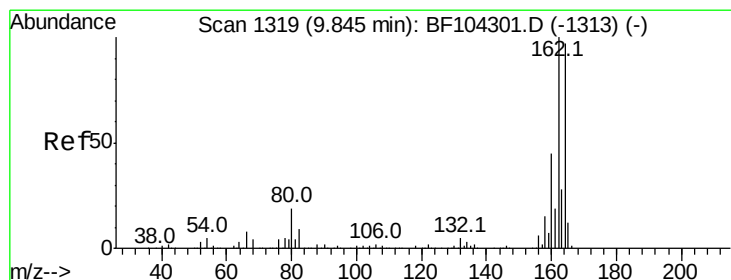
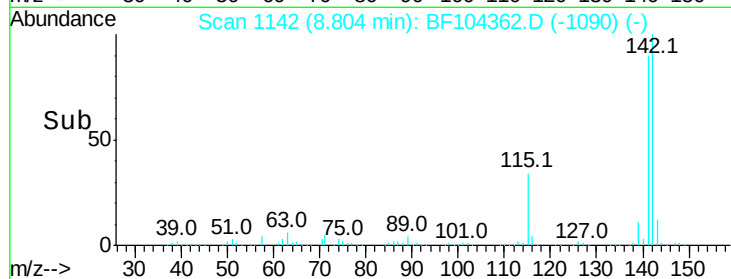
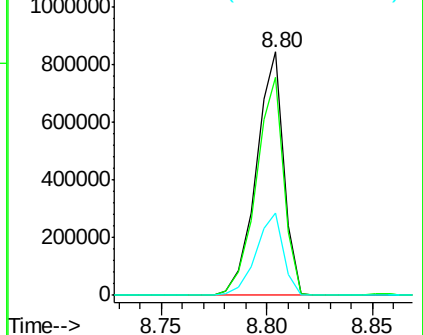
#37
 2-Methylnaphthalene
 Concen: 36.945 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.0	26.1	39.1

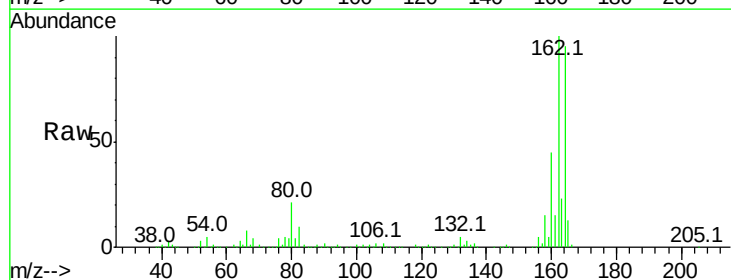


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

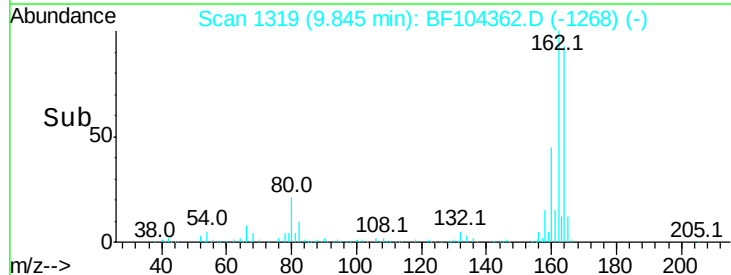
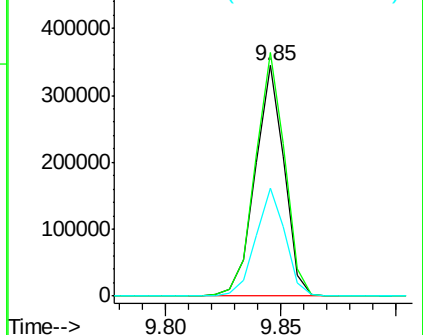


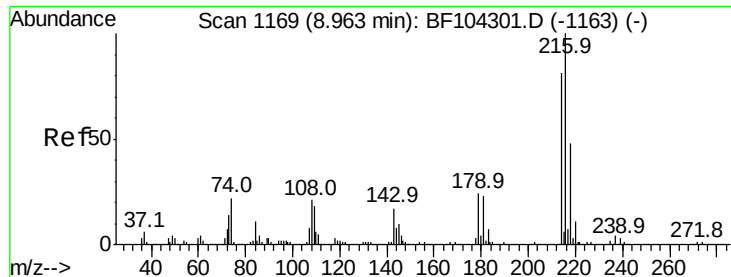
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.0	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

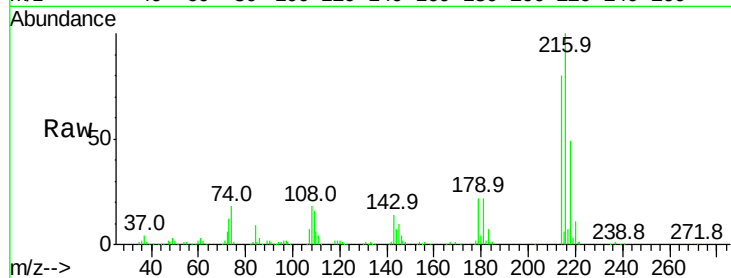




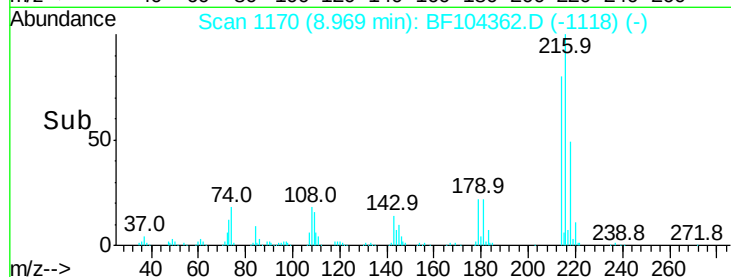
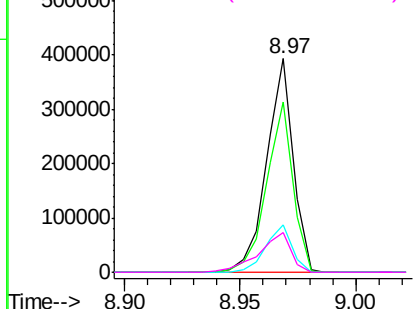
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.450 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	313706
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.3	18.1	27.1
108	22.9	17.2	25.8

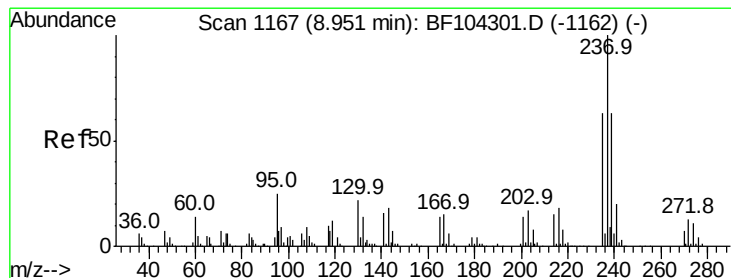


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

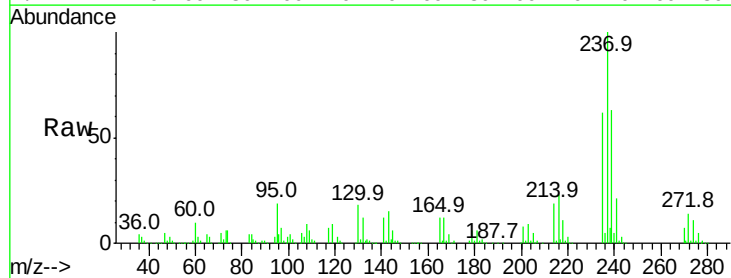
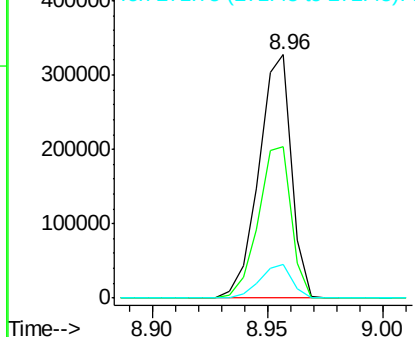


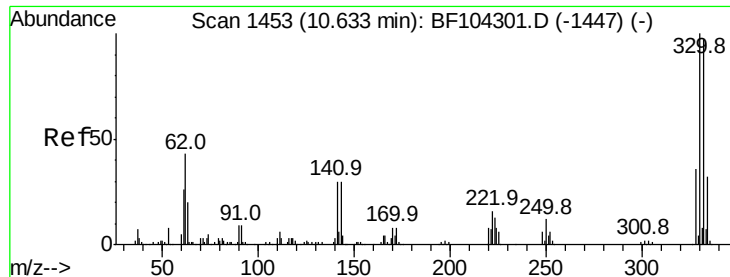
#40
 Hexachlorocyclopentadiene
 Concen: 66.817 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:	237	Resp:	321942
Ion	Ratio	Lower	Upper
237	100		
235	62.1	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

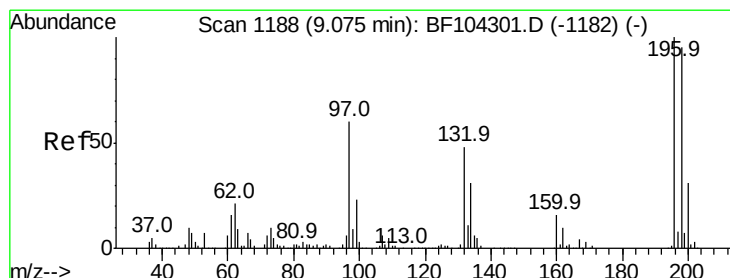
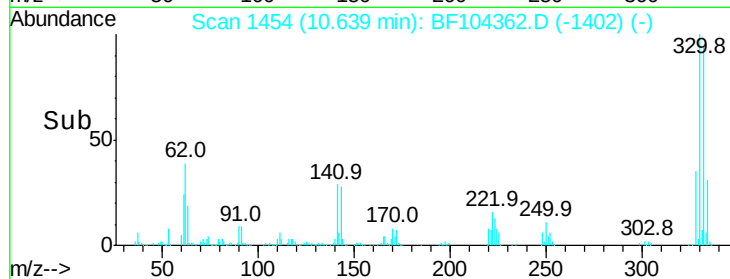
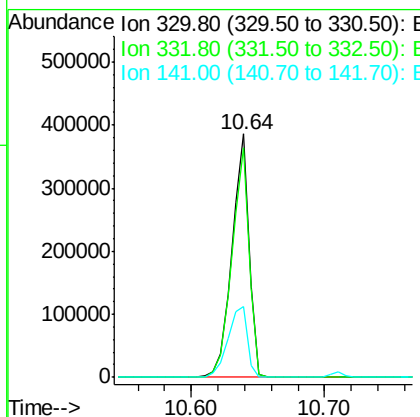
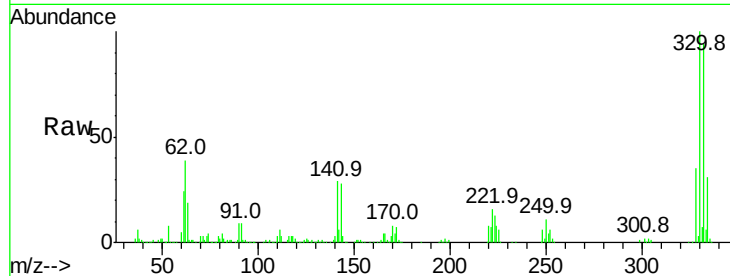




#41
 2,4,6-Tribromophenol
 Concen: 112.889 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

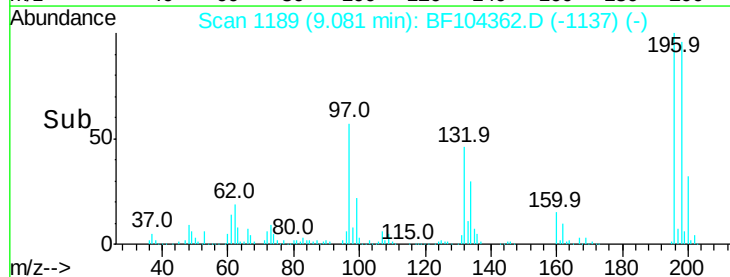
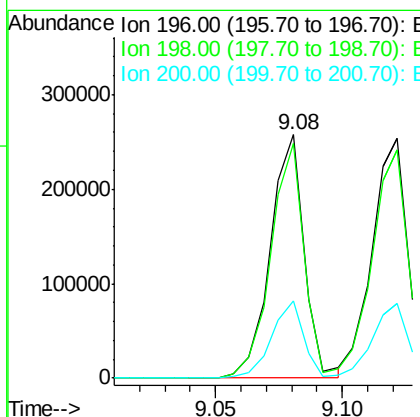
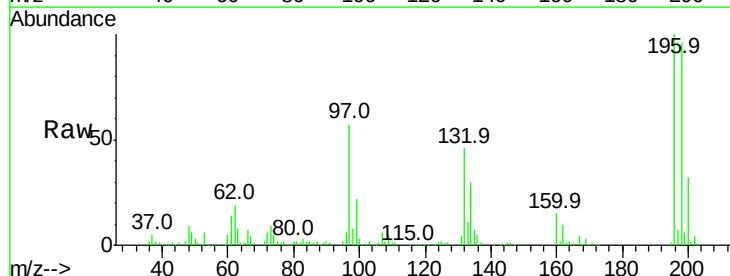
Instrument :
 BNA_F
 ClientSampleId :

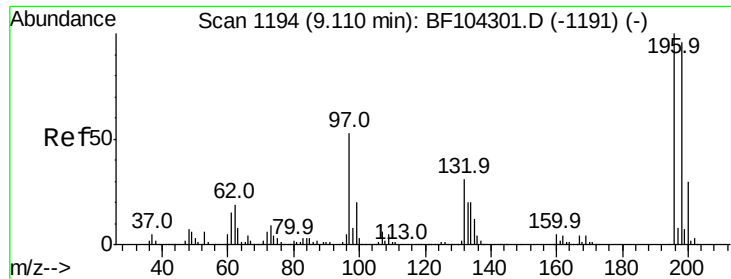
Tot Ion:330 Resp: 352079
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 33.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.942 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:196 Resp: 238633
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.7 24.5 36.7

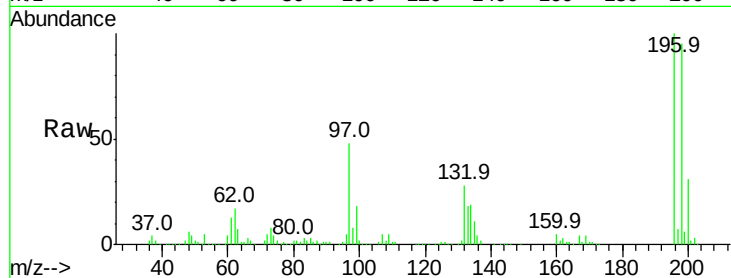




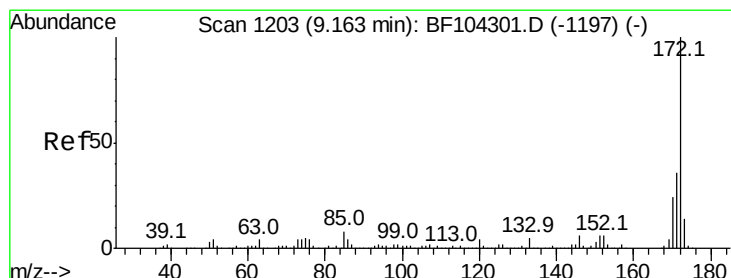
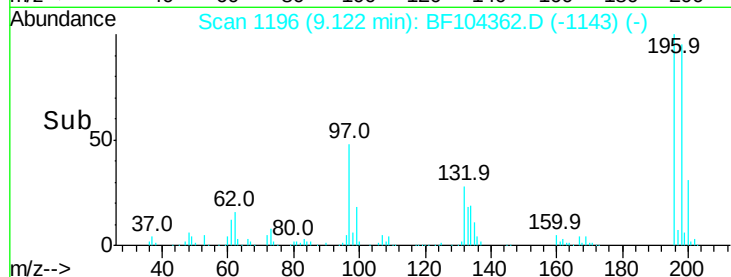
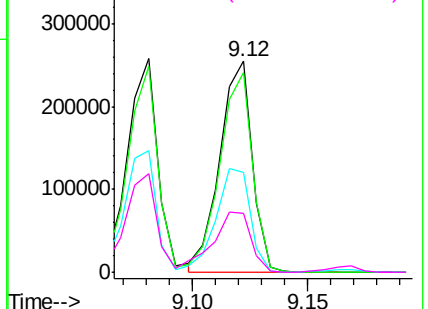
#43
 2,4,5-Trichlorophenol
 Concen: 36.980 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	247234
Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.6	112.0
97	47.7	42.9	64.3
132	28.2	26.3	39.5

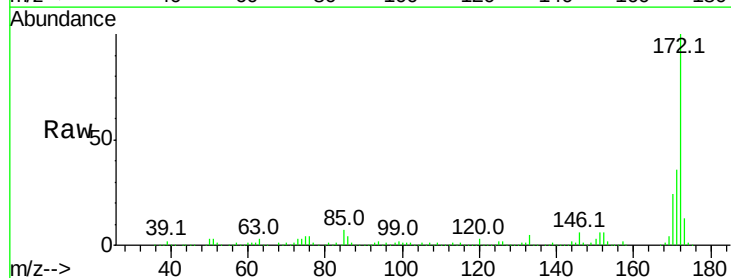


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

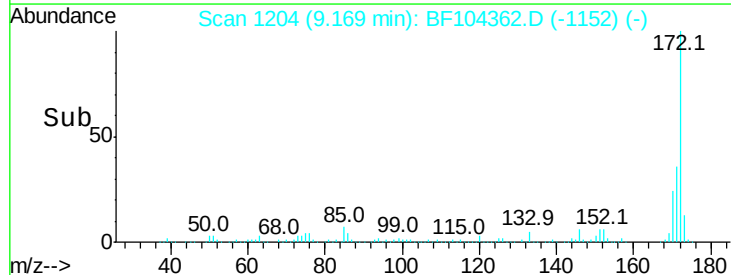
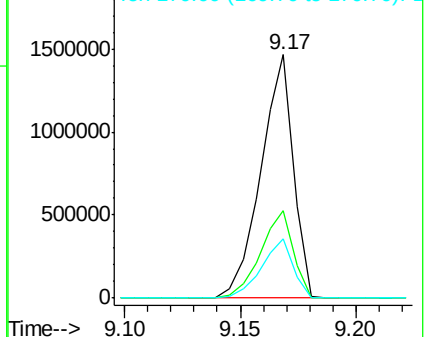


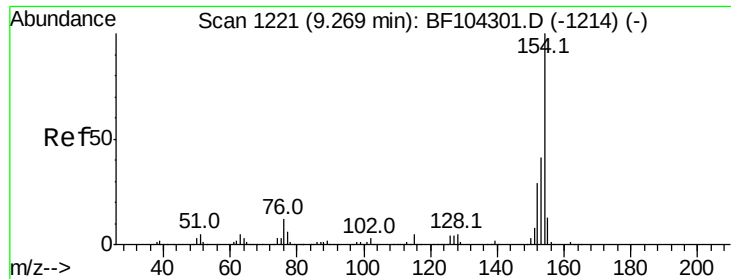
#44
 2-Fluorobiphenyl
 Concen: 75.205 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:	172	Resp:	1431300
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	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

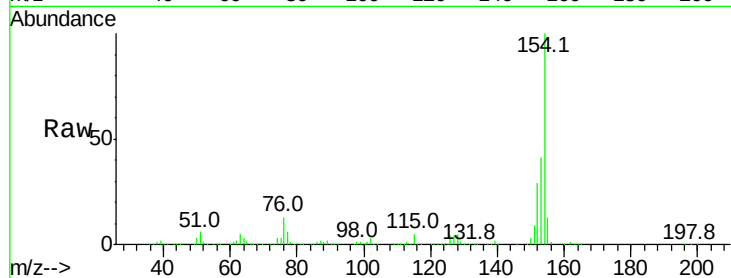




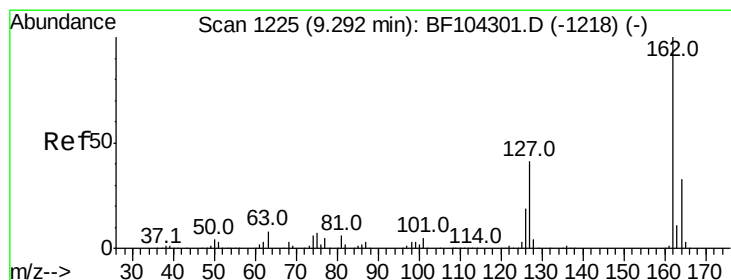
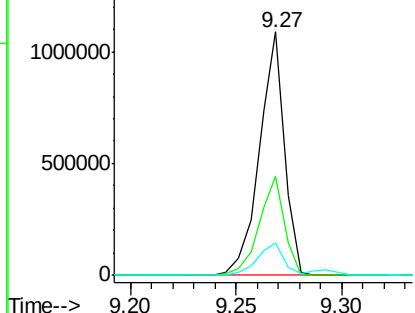
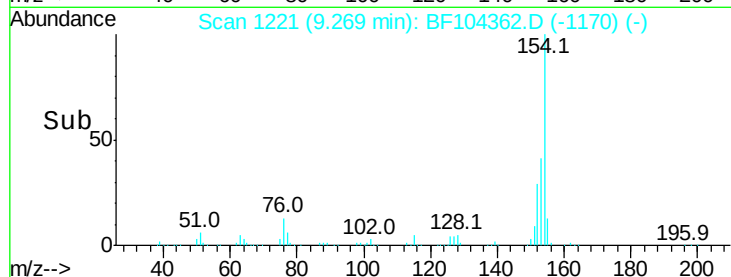
#45
 1,1'-Biphenyl
 Concen: 35.431 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.4	0.0	34.0

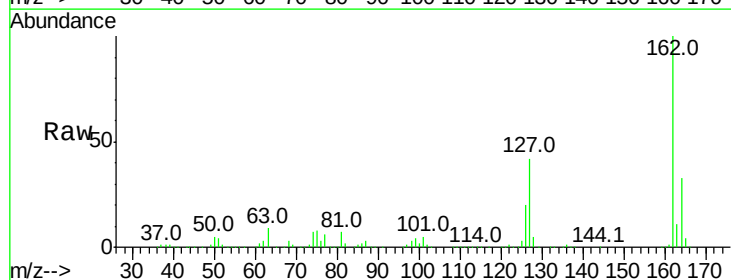


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

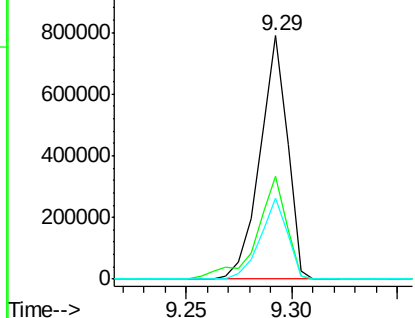
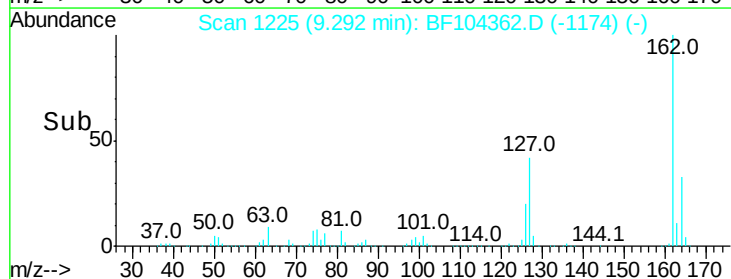


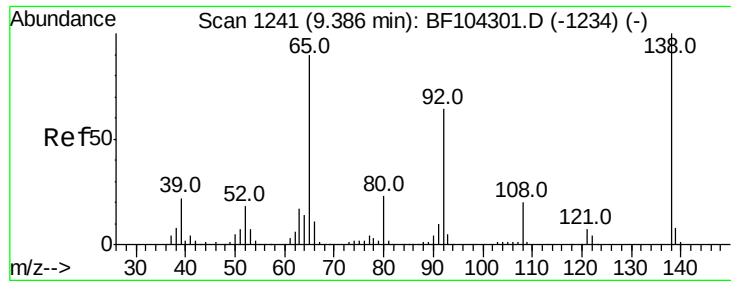
#46
 2-Chloronaphthalene
 Concen: 35.722 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.1	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

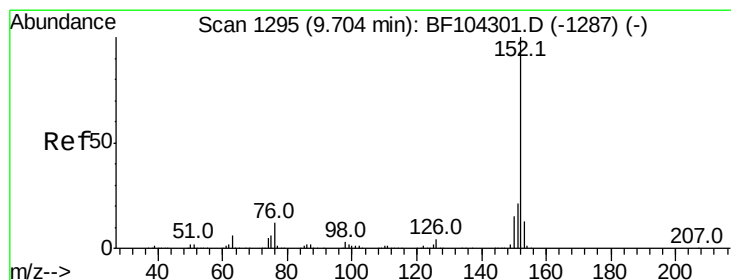
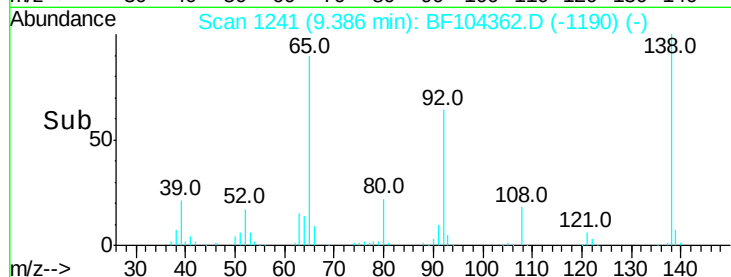
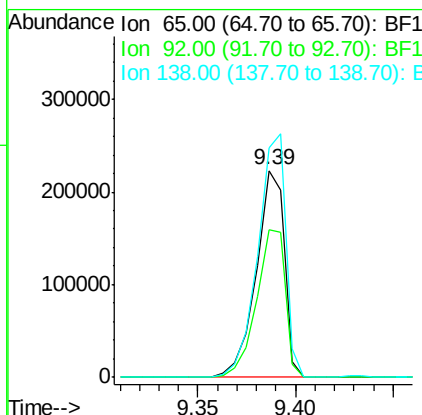
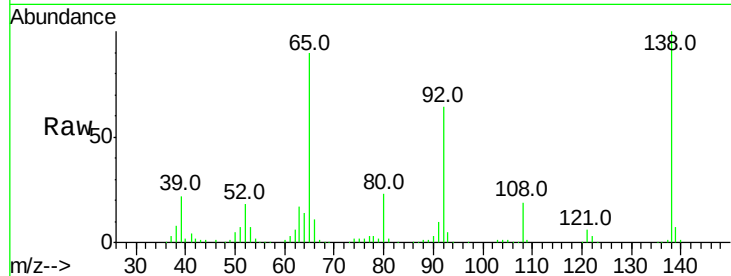




#47
 2-Nitroaniline
 Concen: 45.247 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

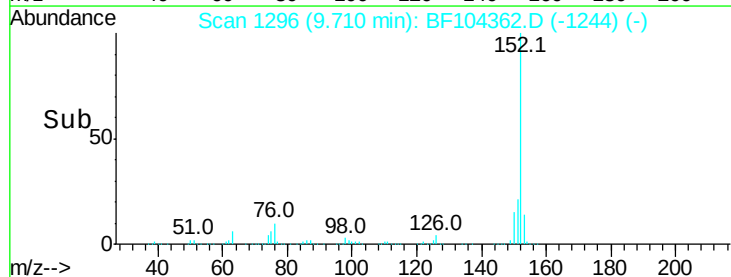
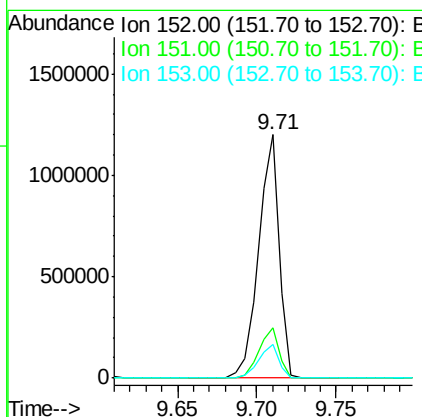
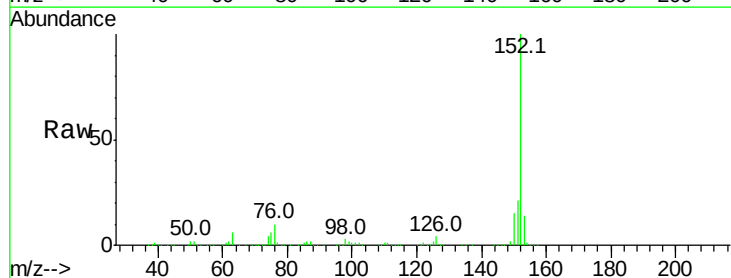
Instrument :
 BNA_F
 ClientSampleId :

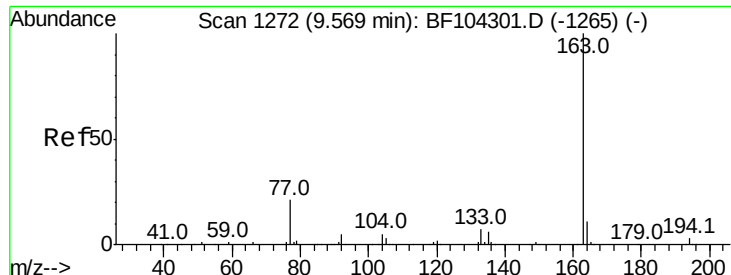
Tot Ion: 65 Resp: 223234
 Ion Ratio Lower Upper
 65 100
 92 71.1 55.8 83.6
 138 110.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 34.666 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:152 Resp: 1085068
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.6 10.7 16.1

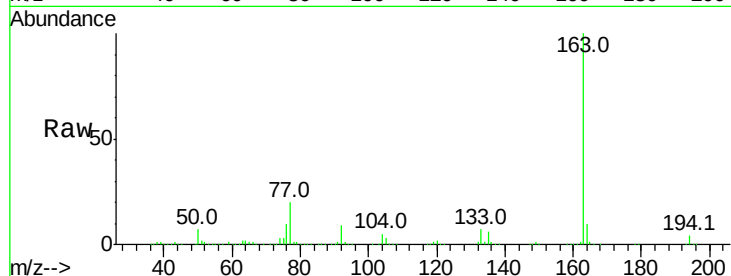




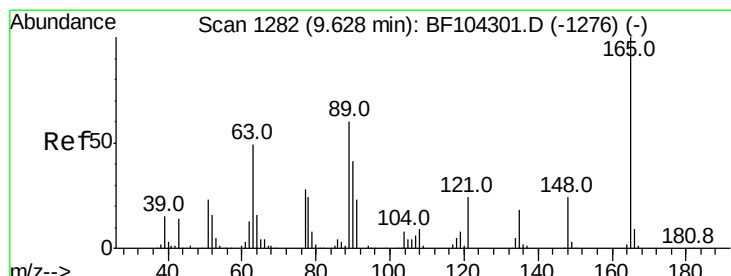
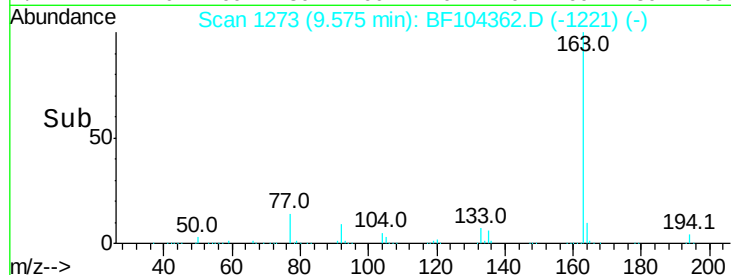
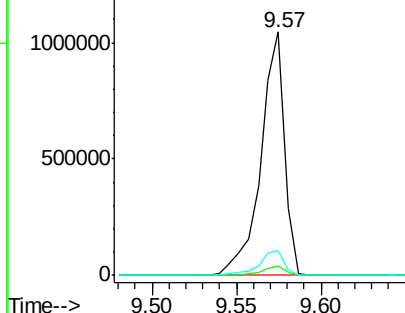
#49
Dimethylphthalate
Concen: 42.871 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1016435
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

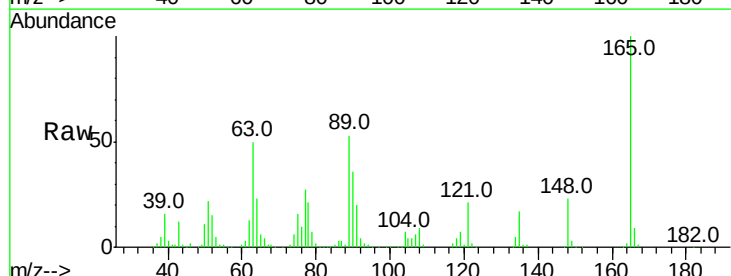


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

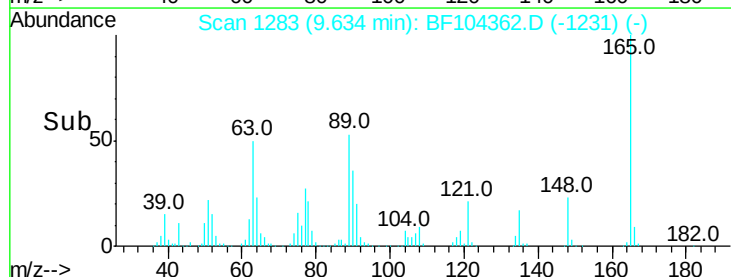
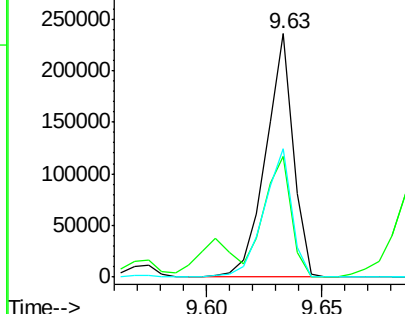


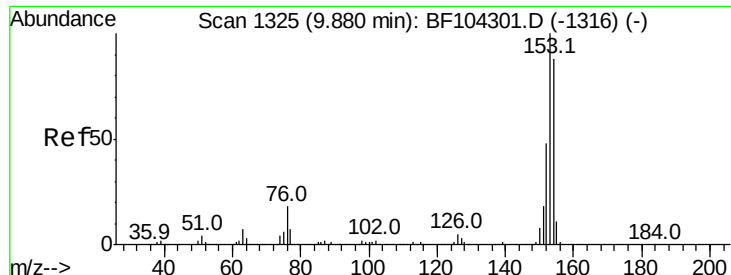
#50
2,6-Dinitrotoluene
Concen: 44.453 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:165 Resp: 195022
Ion Ratio Lower Upper
165 100
63 49.7 44.7 67.1
89 52.9 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.567 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

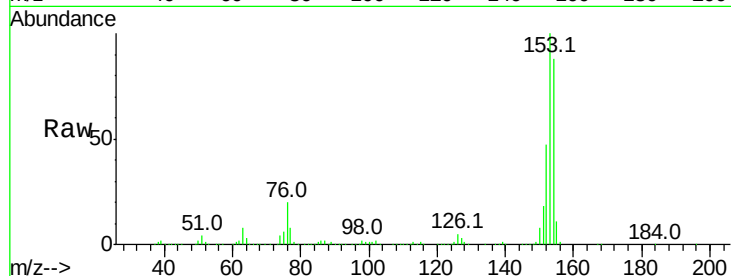
Tot Ion:154 Resp: 660159

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

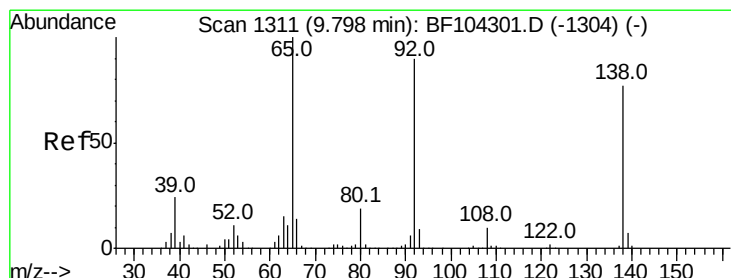
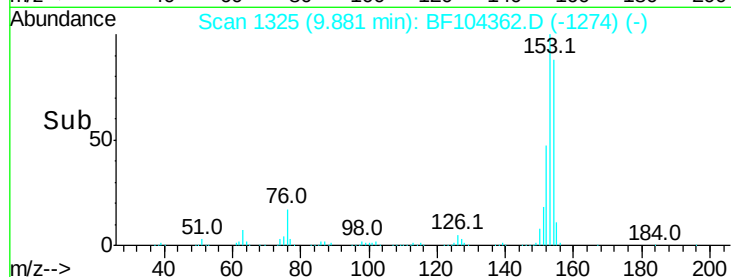
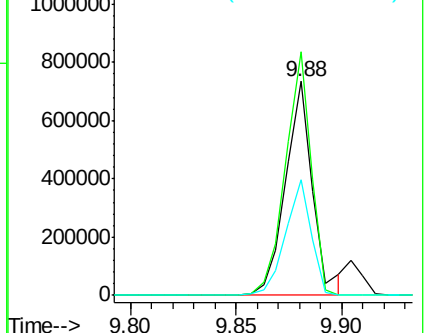
152 53.8 43.8 65.8



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: 21.733 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

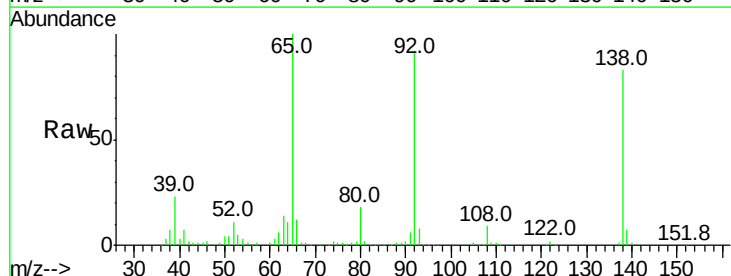
Tgt Ion:138 Resp: 111621

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

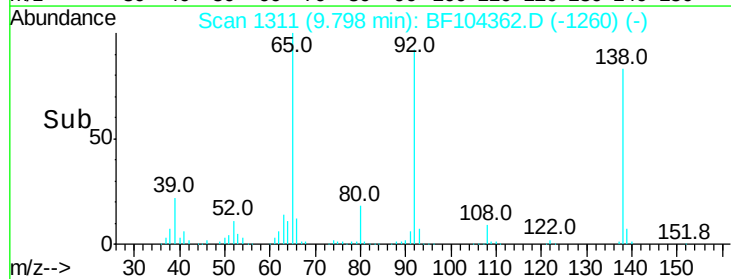
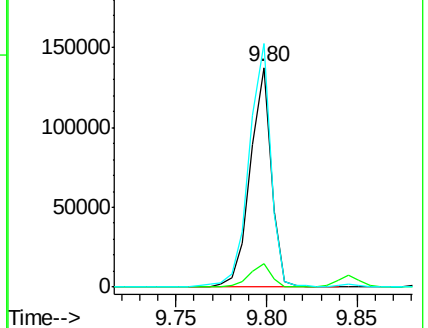
92 110.7 89.4 134.2

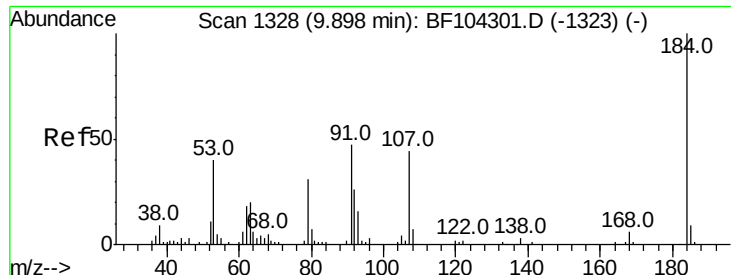


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

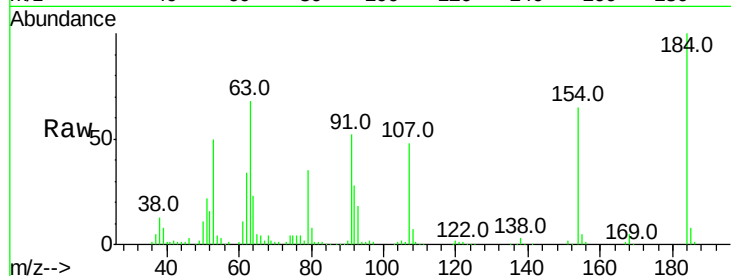




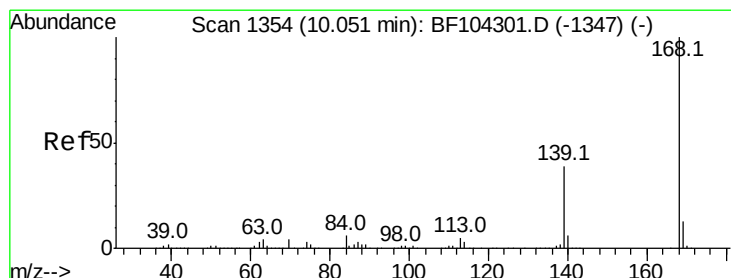
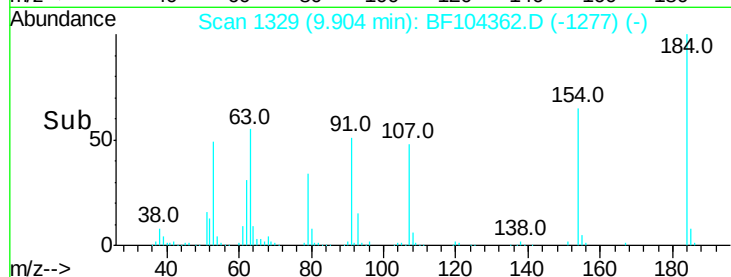
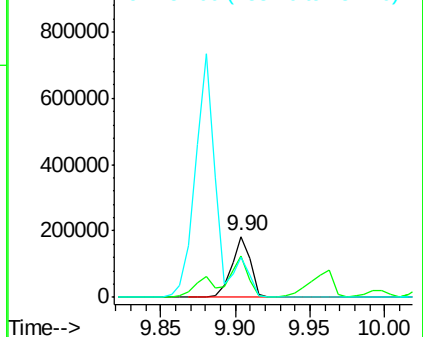
#53
 2,4-Dinitrophenol
 Concen: 86.828 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 164065
 Ion Ratio Lower Upper
 184 100
 63 68.4 54.2 81.2
 154 64.9 184.0 276.0#

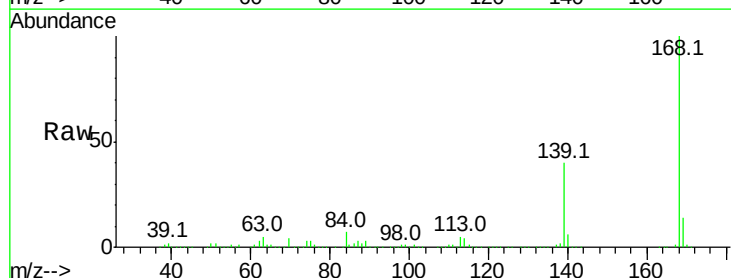


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

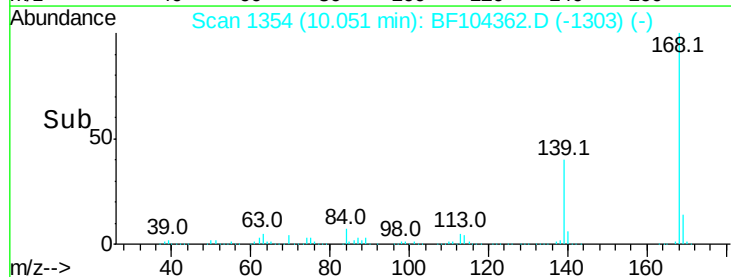
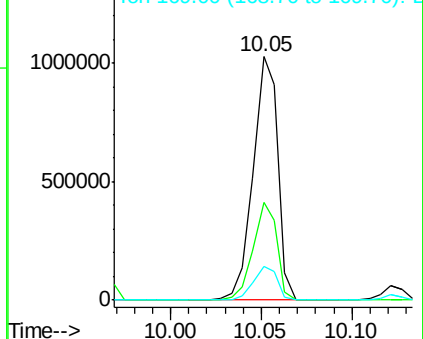


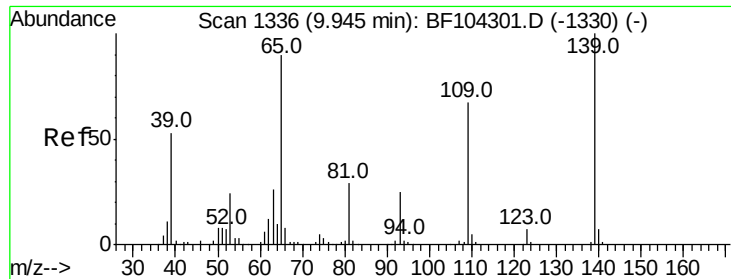
#54
 Dibenzofuran
 Concen: 36.412 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:168 Resp: 969098
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 13.6 10.9 16.3



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

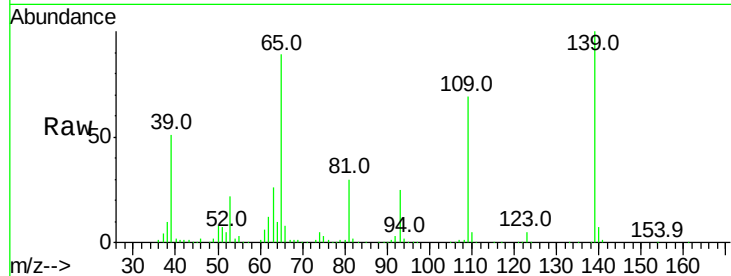




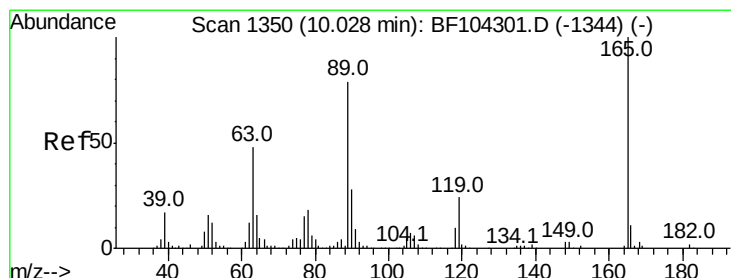
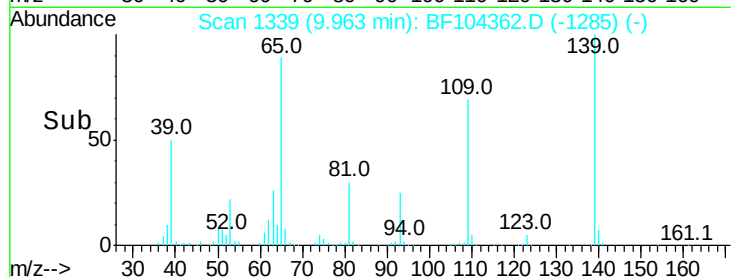
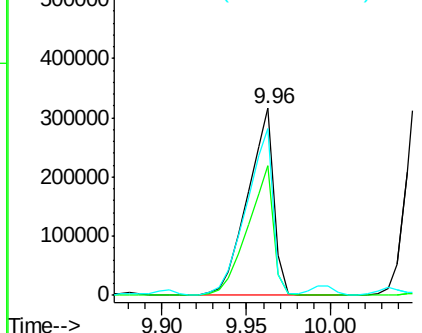
#55
4-Nitrophenol
Concen: 85.685 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 345697
Ion Ratio Lower Upper
139 100
109 69.0 48.4 88.4
65 89.2 72.6 112.6

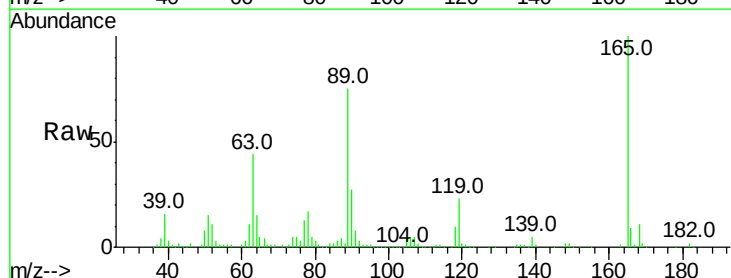


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

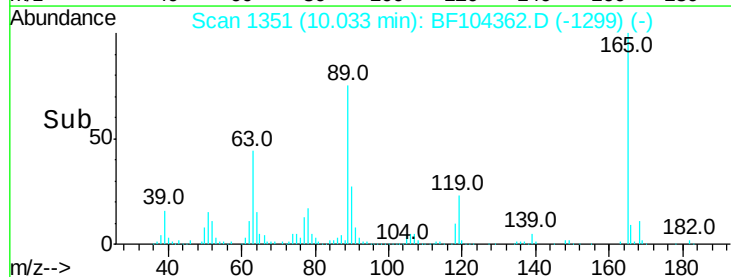
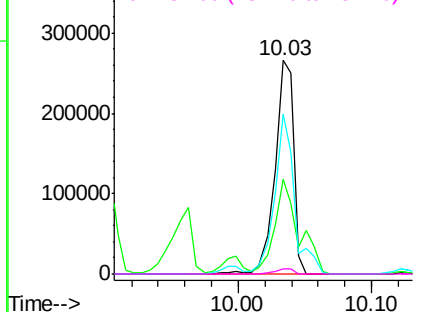


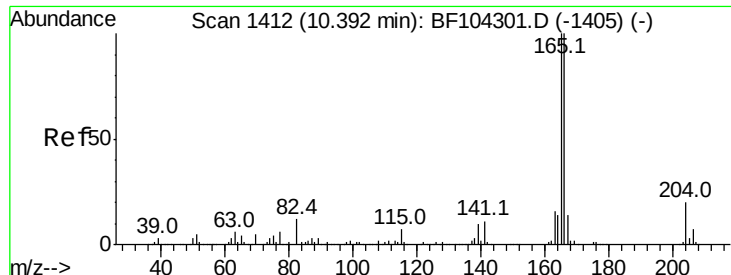
#56
2,4-Dinitrotoluene
Concen: 45.507 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion:165 Resp: 261875
Ion Ratio Lower Upper
165 100
63 44.2 36.4 54.6
89 74.9 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

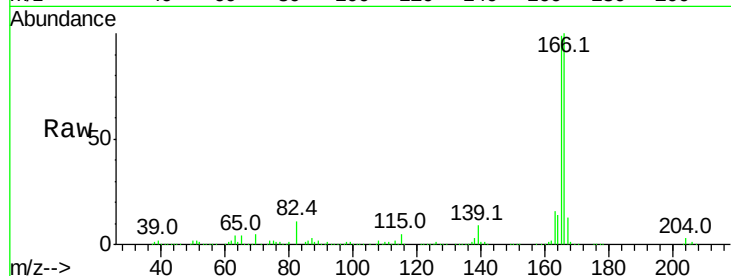




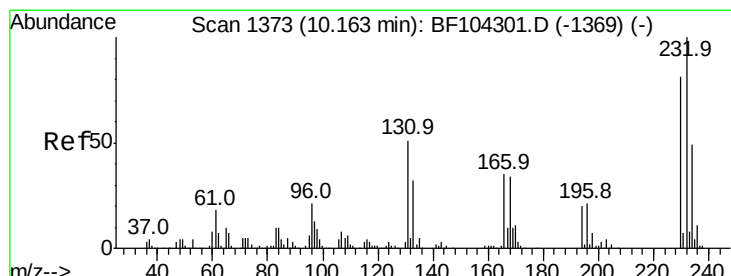
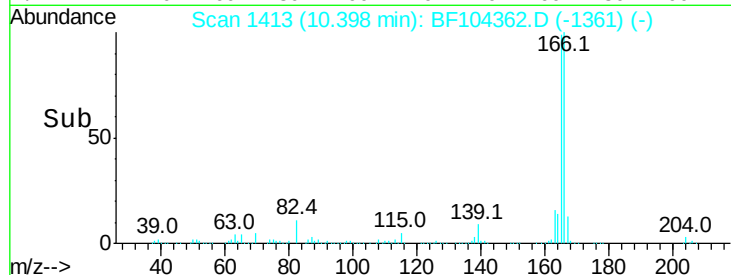
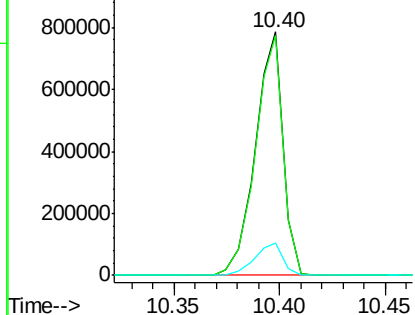
#57
 Fluorene
 Concen: 36.808 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 713051
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.2 10.6 16.0



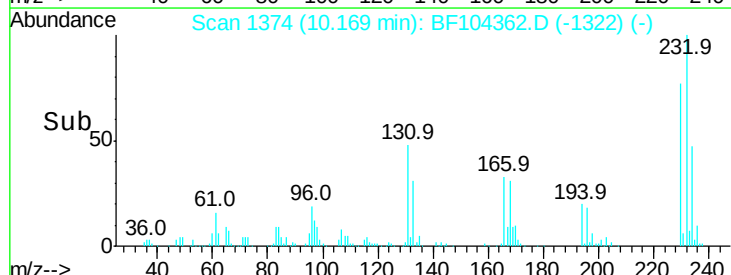
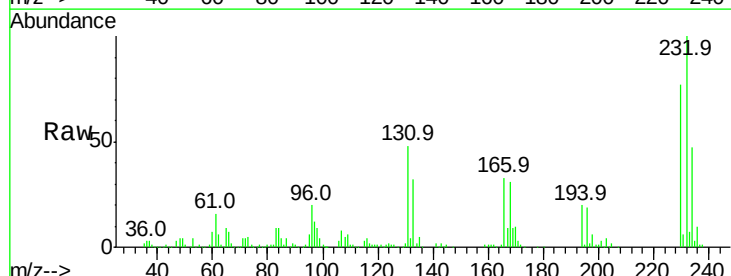
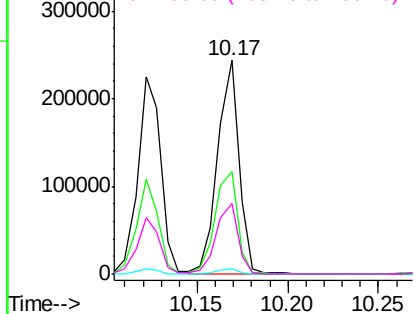
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

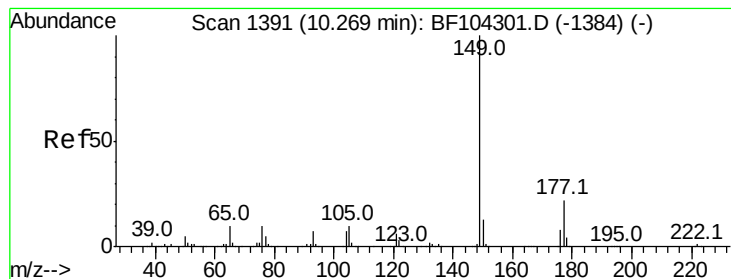


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.396 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:232 Resp: 201489
 Ion Ratio Lower Upper
 232 100
 131 50.2 43.8 65.8
 130 2.5 2.1 3.1
 166 33.8 27.8 41.6

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





#59

Diethylphthalate

Concen: 35.217 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampled :

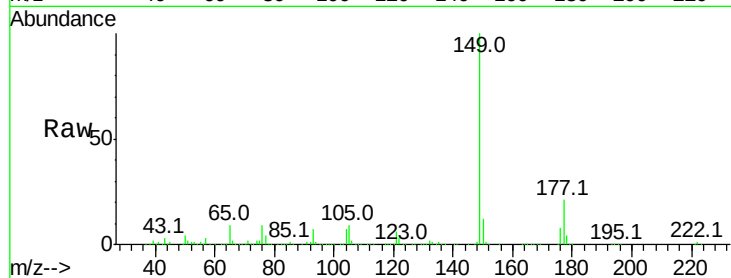
Tot Ion:149 Resp: 831576

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

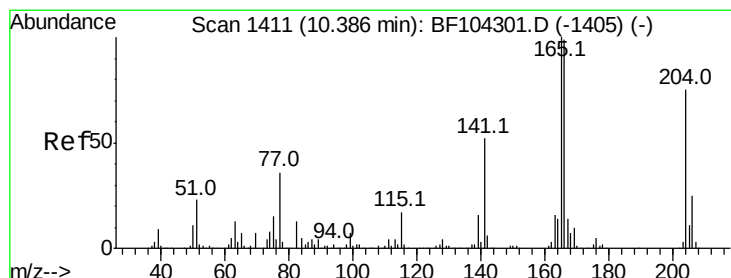
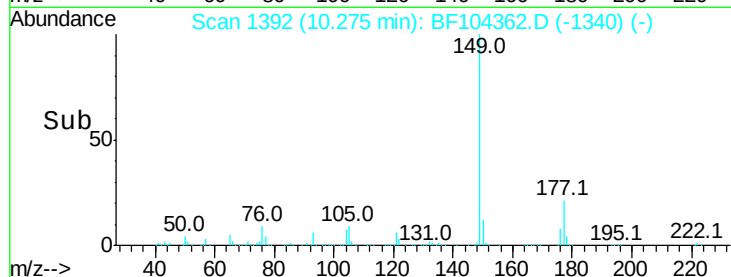
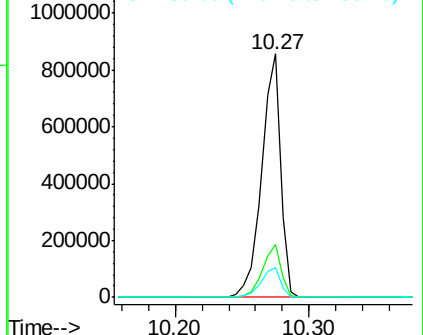
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.410 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

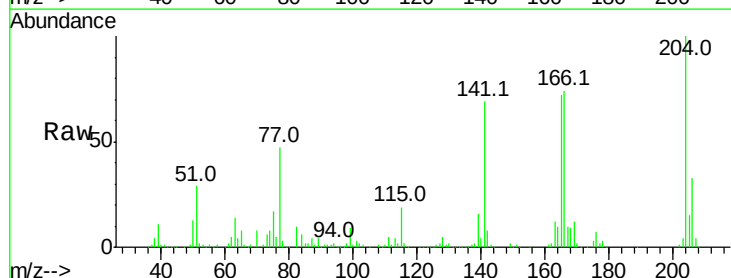
Tgt Ion:204 Resp: 322749

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

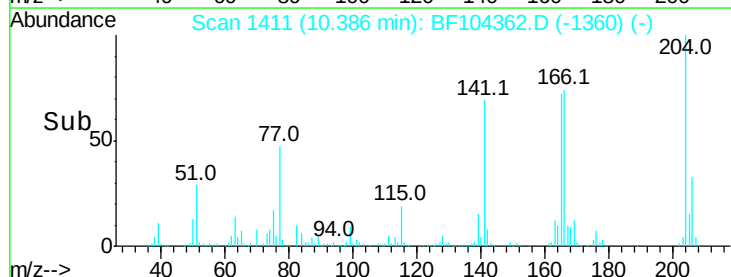
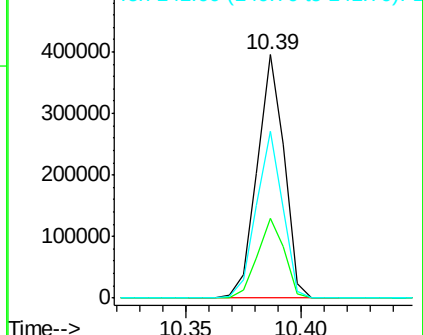
141 68.6 54.6 81.8

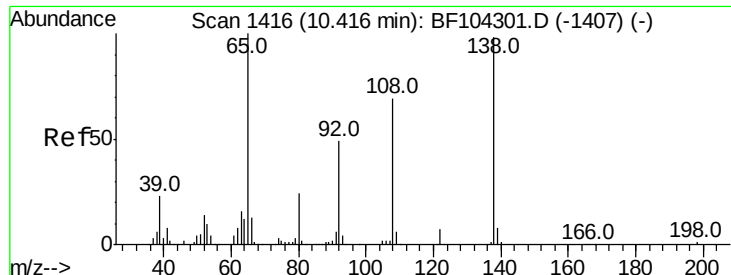


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.176 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

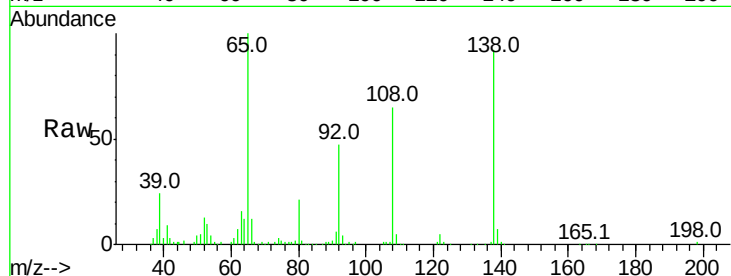
Tot Ion:138 Resp: 196735

Ion Ratio Lower Upper

138 100

92 51.0 30.2 70.2

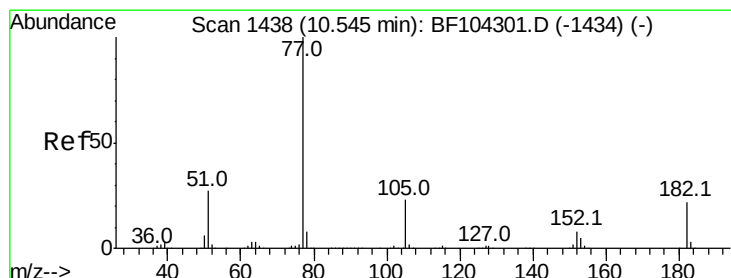
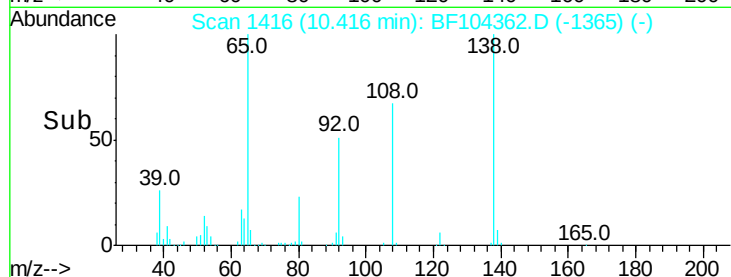
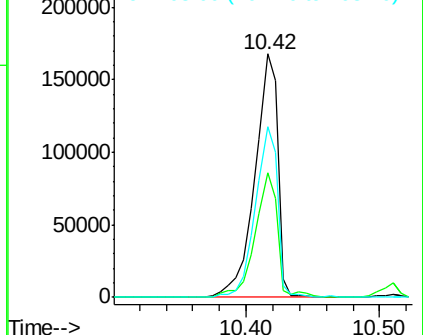
108 70.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.045 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Tgt Ion: 77 Resp: 790588

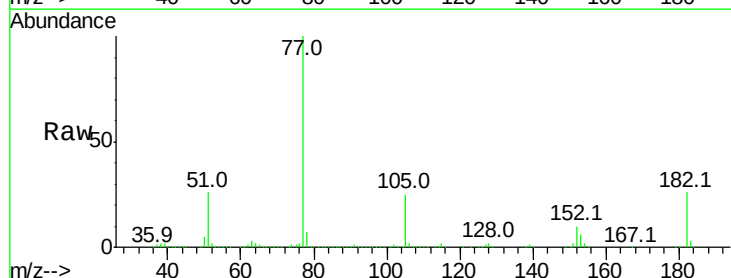
Ion Ratio Lower Upper

77 100

182 26.0 1.7 41.7

105 24.5 3.0 43.0

51 25.5 9.9 49.9

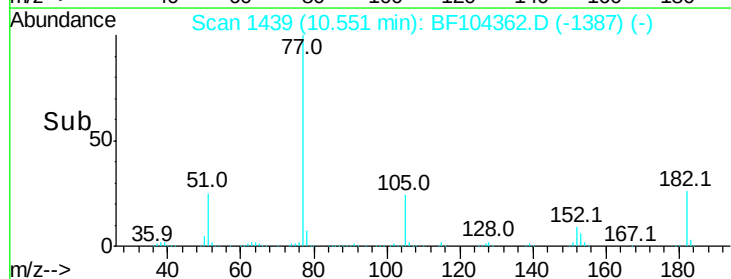
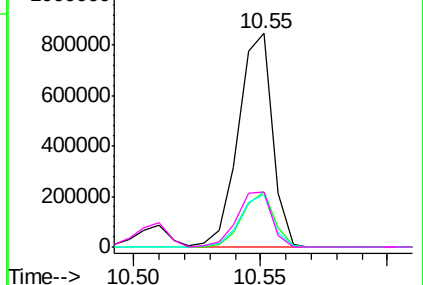


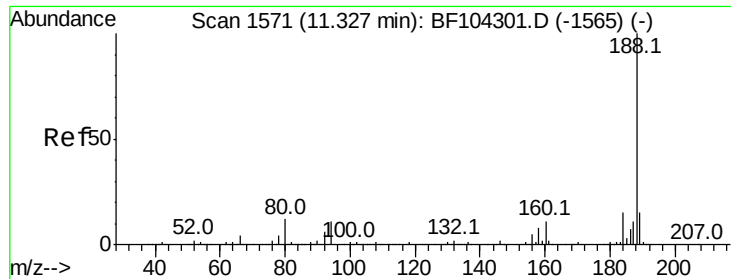
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

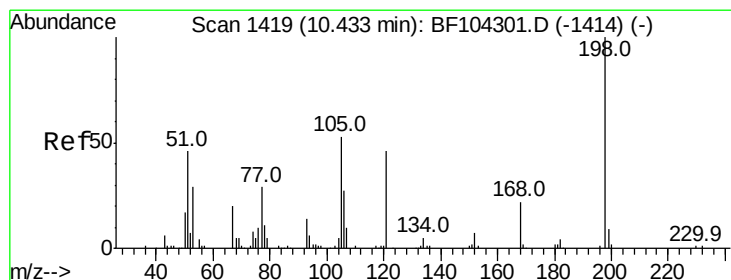
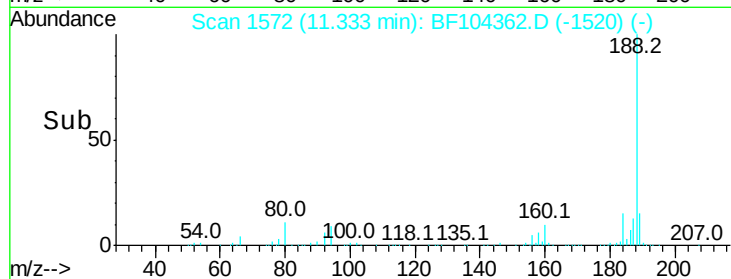
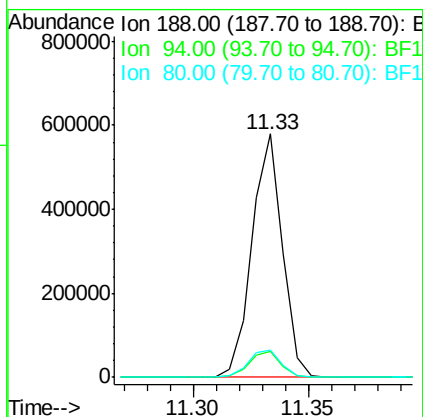
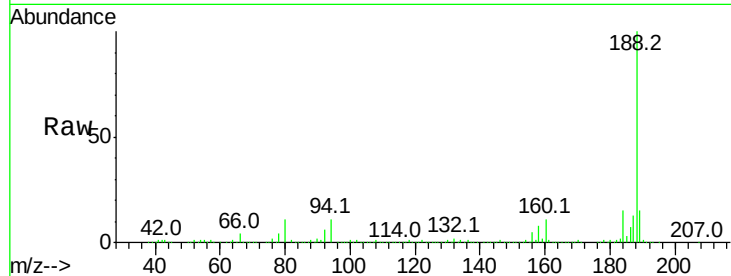




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

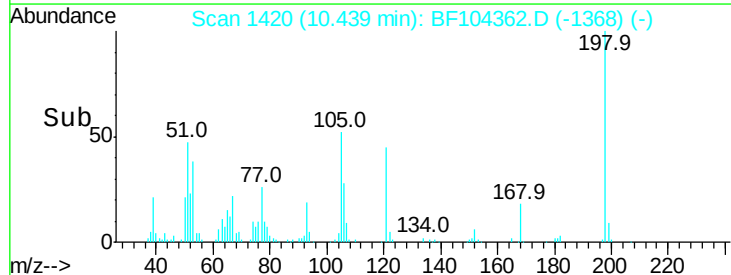
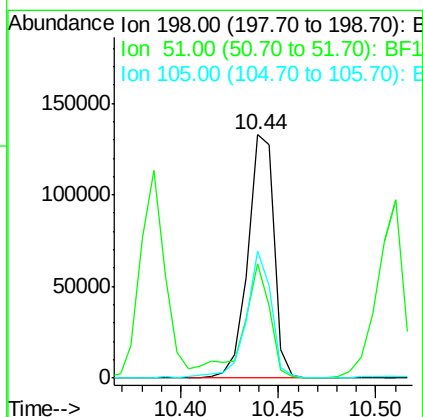
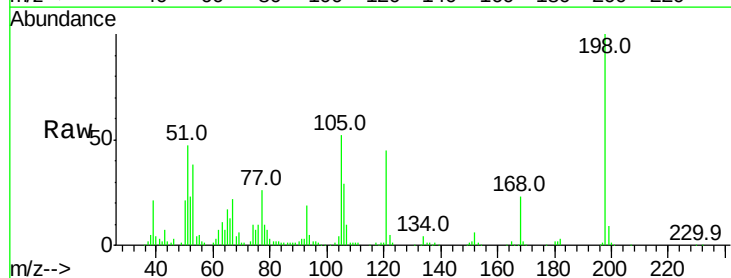
Instrument :
 BNA_F
 ClientSampleId :

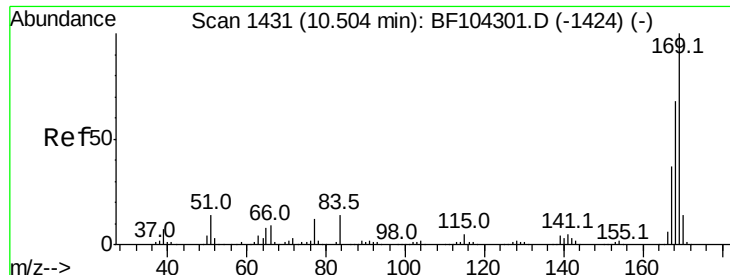
Tot Ion:188 Resp: 531983
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.873 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:198 Resp: 123974
 Ion Ratio Lower Upper
 198 100
 51 47.2 37.7 77.7
 105 52.1 36.3 76.3

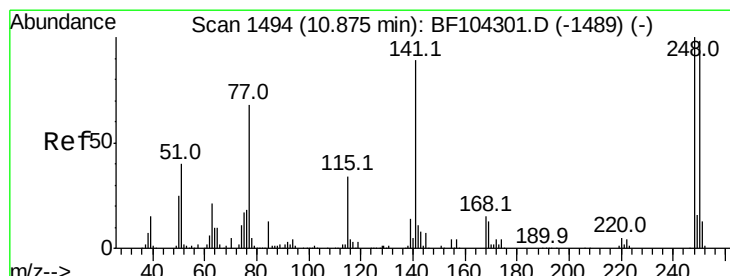
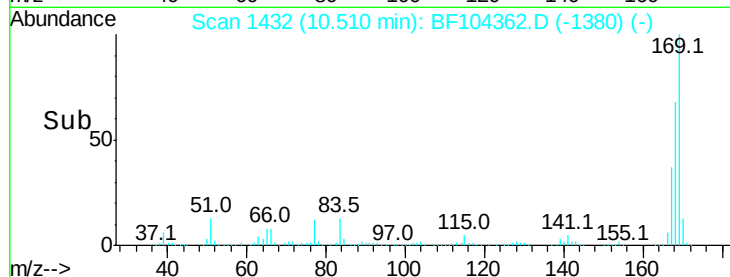
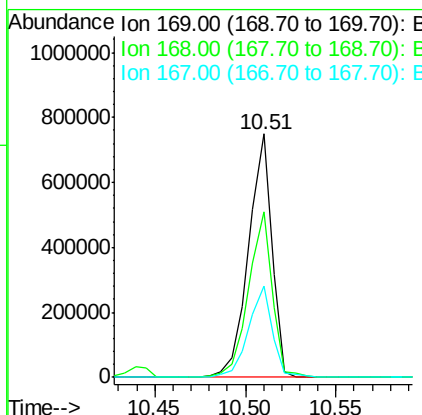
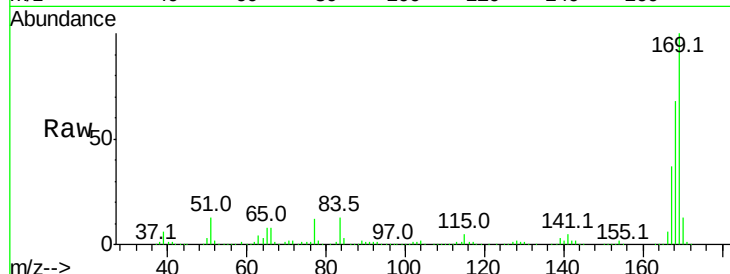




#65
 n-Nitrosodiphenylamine
 Concen: 36.553 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

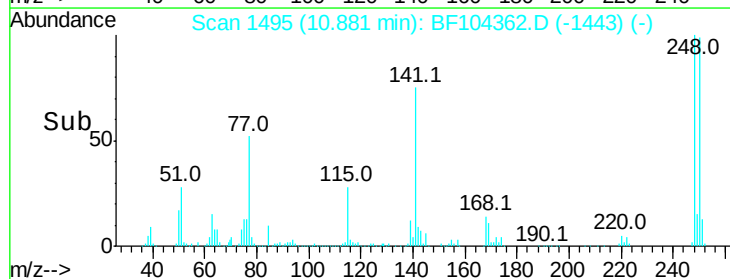
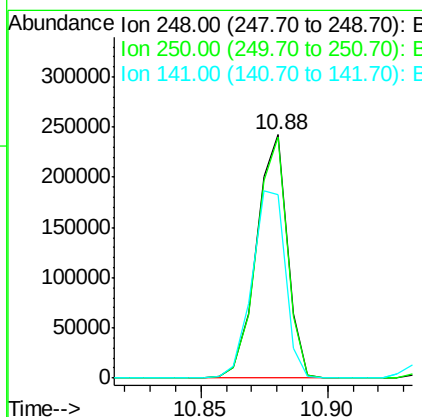
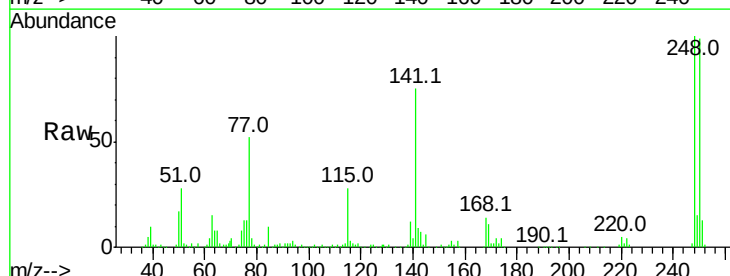
Instrument :
 BNA_F
 ClientSampleId :

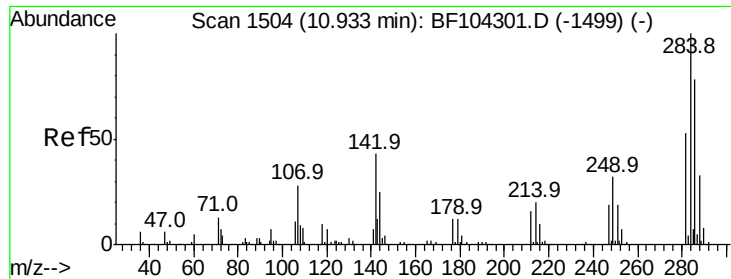
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.590 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.9	115.3
141	75.5	74.4	111.6





#67

Hexachlorobenzene

Concen: 35.541 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

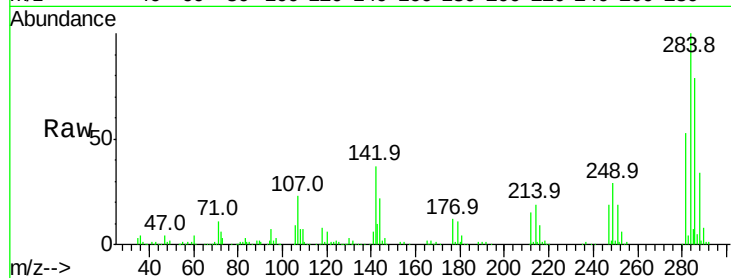
Tot Ion:284 Resp: 226291

Ion Ratio Lower Upper

284 100

142 37.0 34.6 52.0

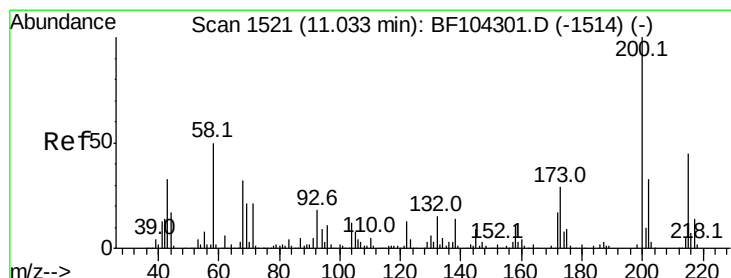
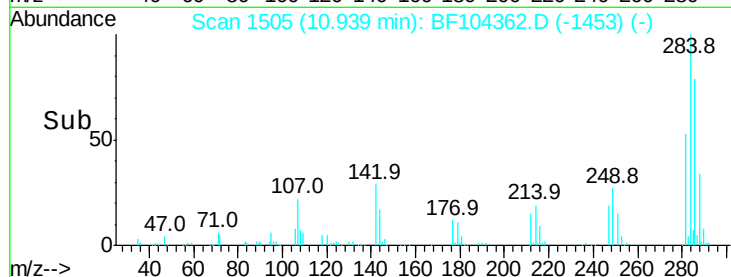
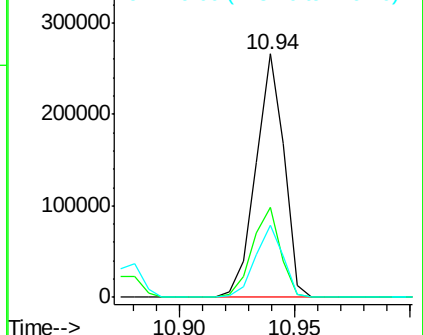
249 29.5 24.8 37.2



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: 39.853 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

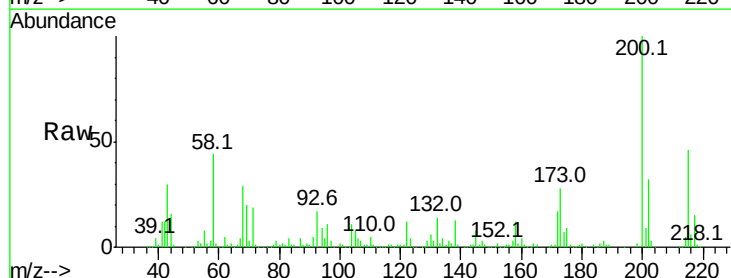
Tgt Ion:200 Resp: 221884

Ion Ratio Lower Upper

200 100

173 27.7 8.6 48.6

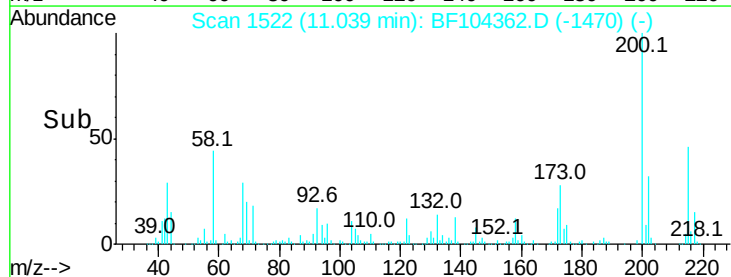
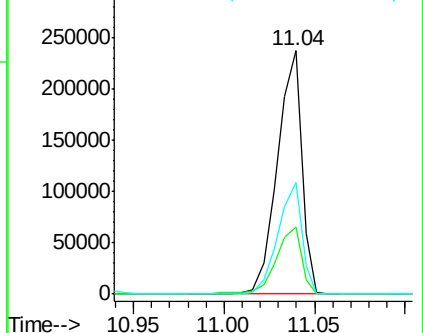
215 45.9 25.1 65.1

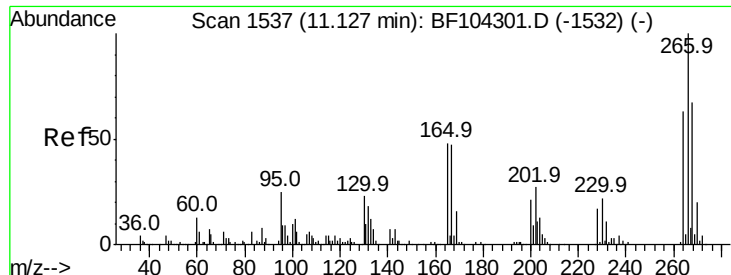


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

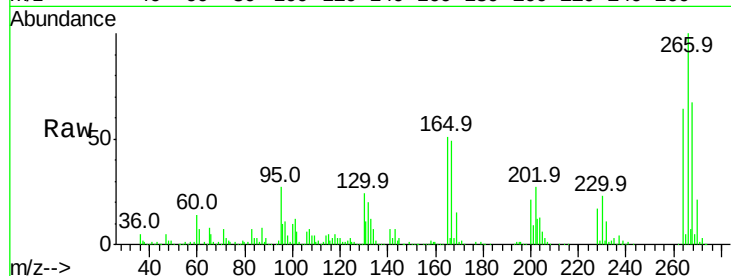




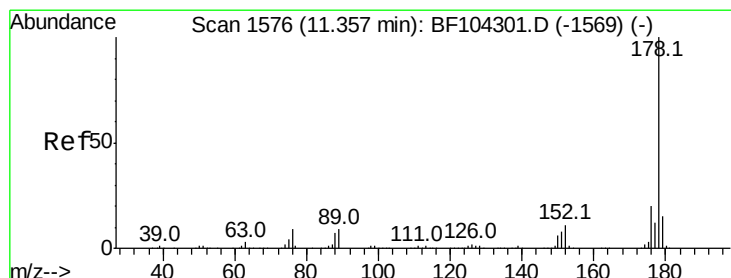
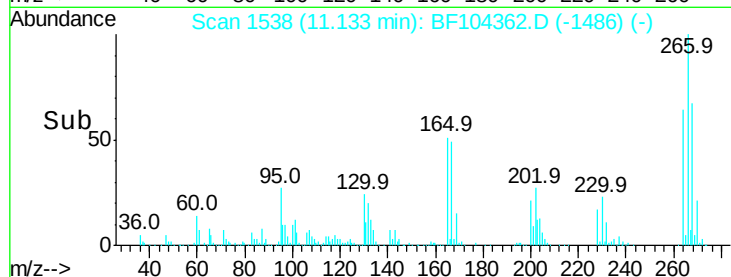
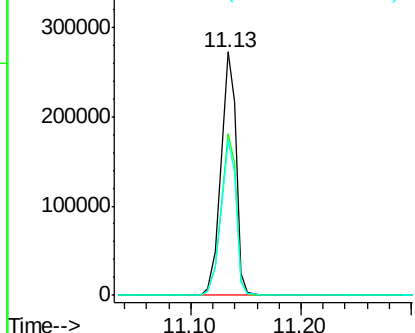
#69
 Pentachlorophenol
 Concen: 66.512 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	63.7	49.5	74.3

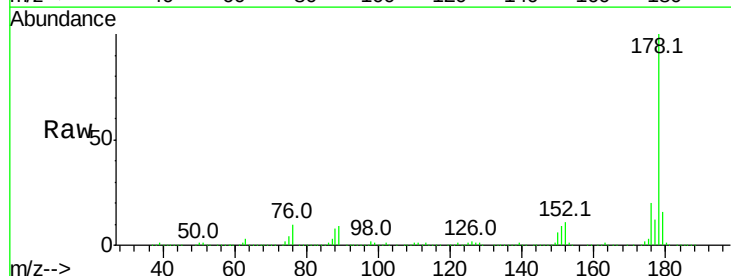


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

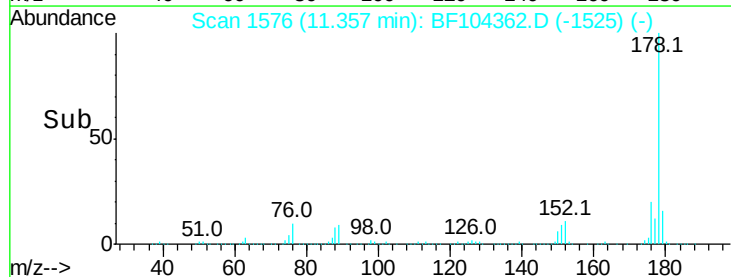
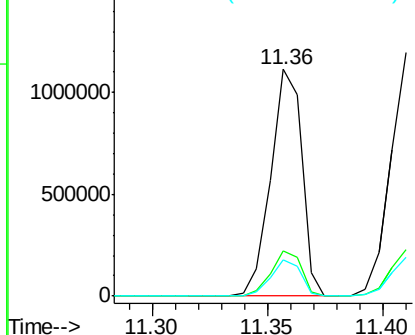


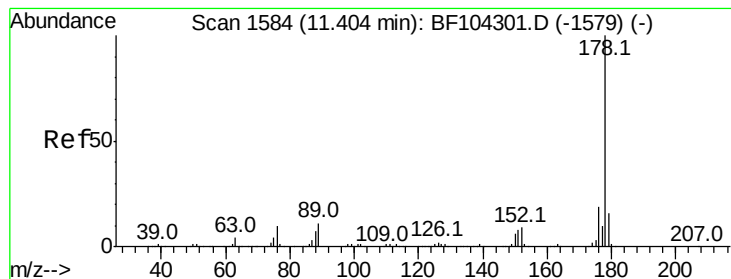
#70
 Phenanthrene
 Concen: 35.139 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.756 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

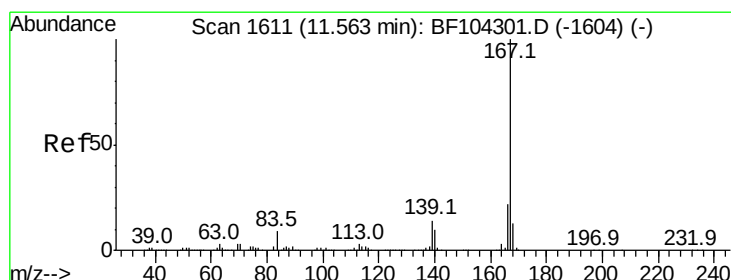
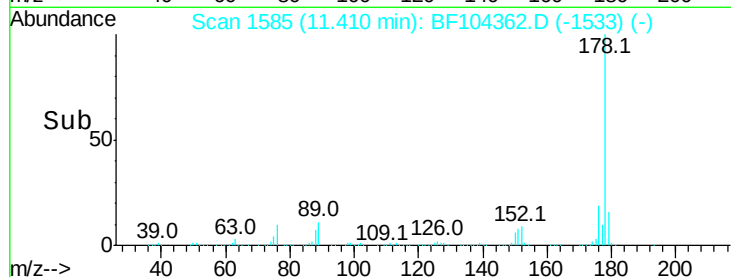
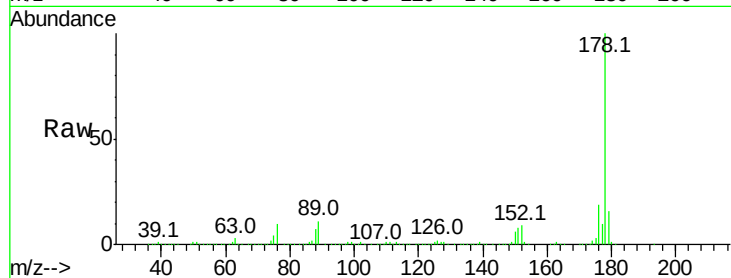
Tot Ion:178 Resp: 1076777

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0

178 100

176 19.3 15.4 23.2

179 15.7 12.6 19.0



#72

Carbazole

Concen: 34.624 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

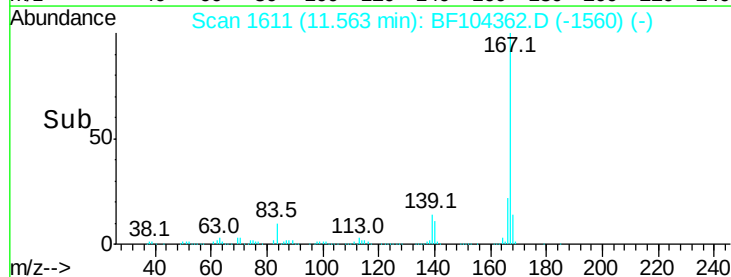
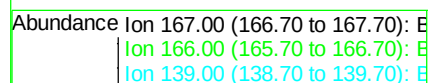
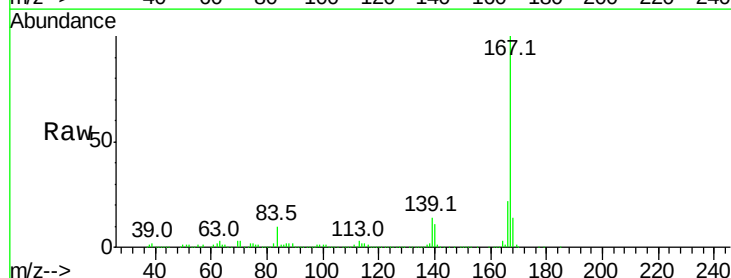
Tgt Ion:167 Resp: 1018897

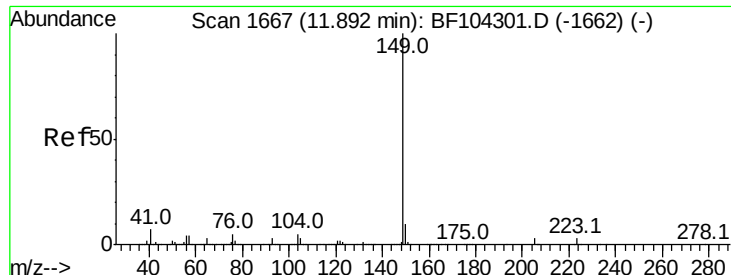
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.6	10.9	16.3

167 100

166 22.4 17.6 26.4

139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.891 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

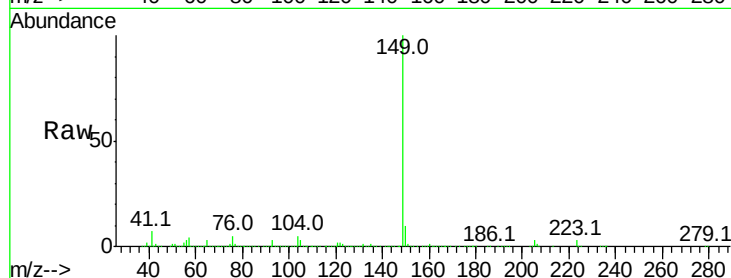
Tot Ion:149 Resp: 1254233

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

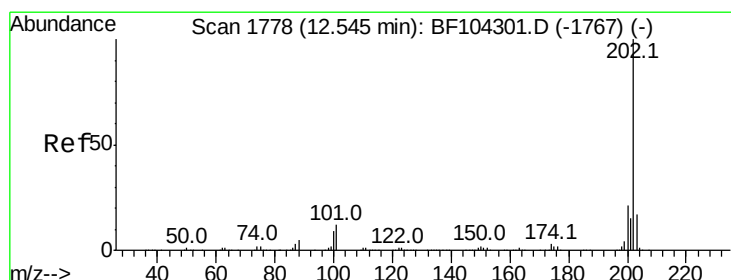
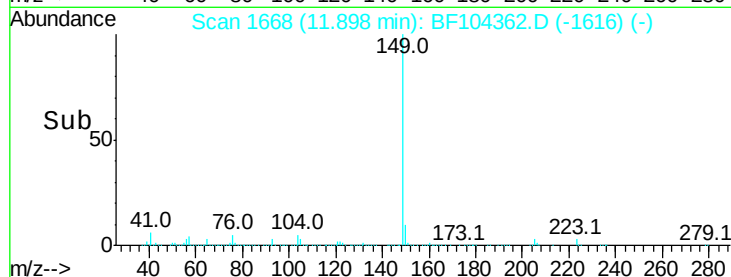
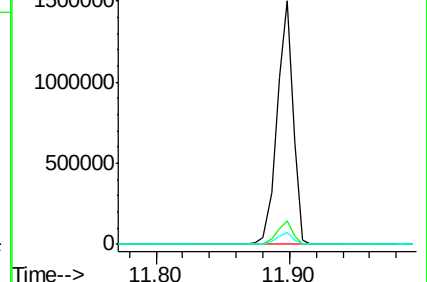
104 5.0 3.8 5.8



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: 32.697 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

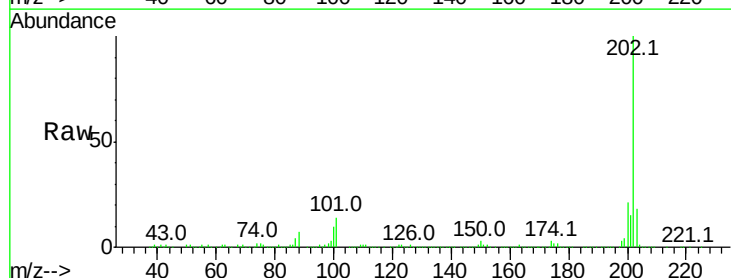
Tgt Ion:202 Resp: 1012087

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

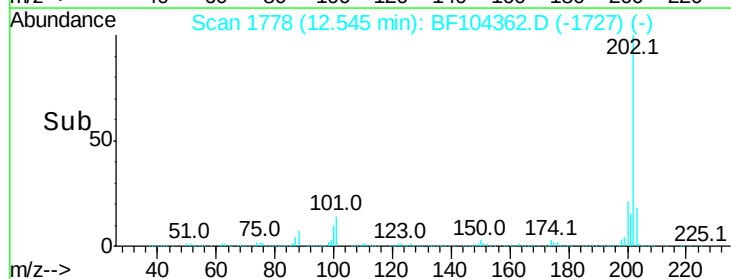
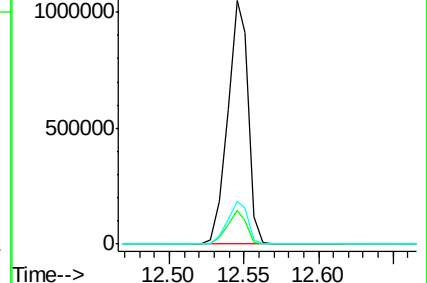
203 17.8 0.0 38.1

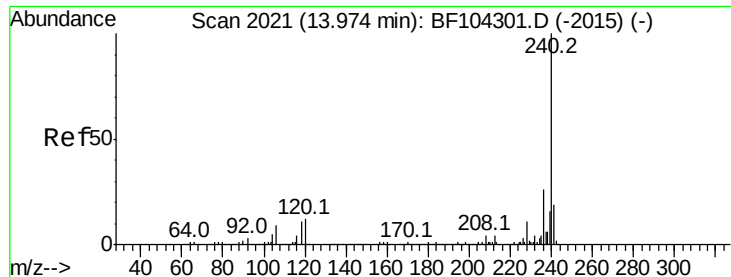


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

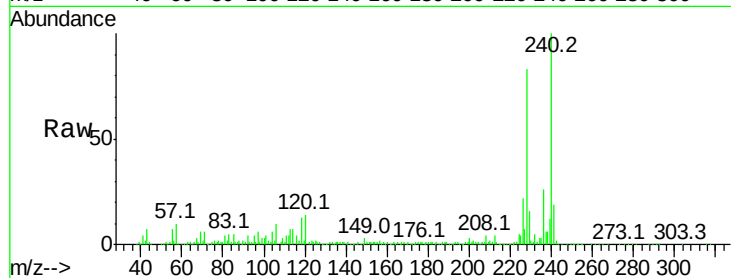
Tot Ion:240 Resp: 309369

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

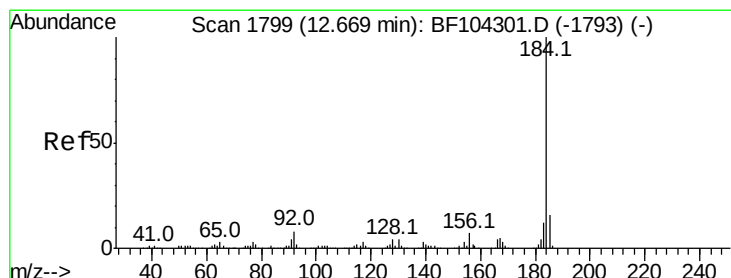
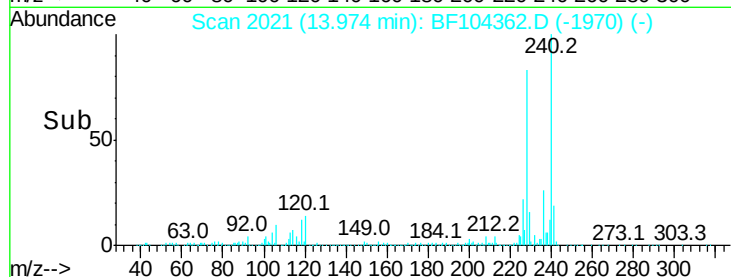
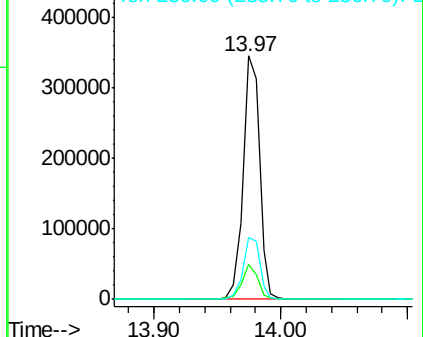
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.244 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

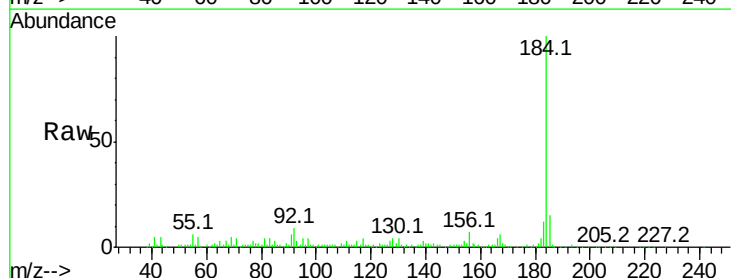
Tgt Ion:184 Resp: 153192

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

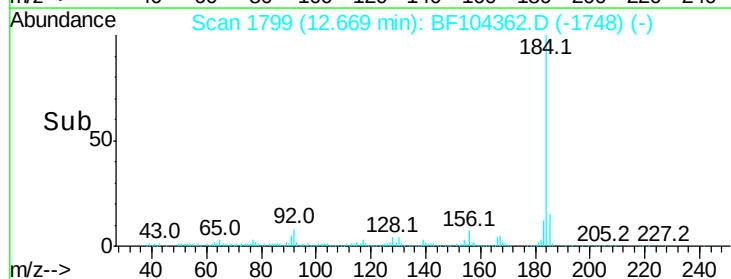
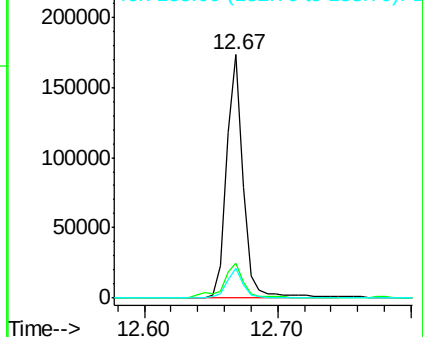
183 12.5 9.3 13.9

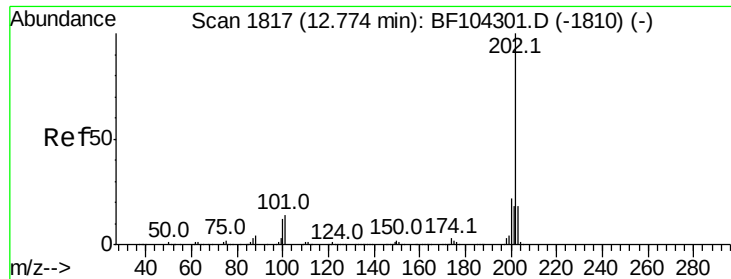


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

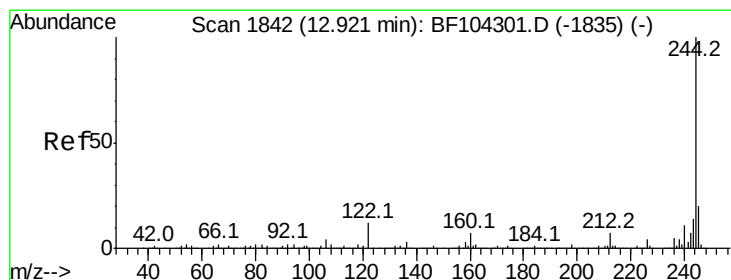
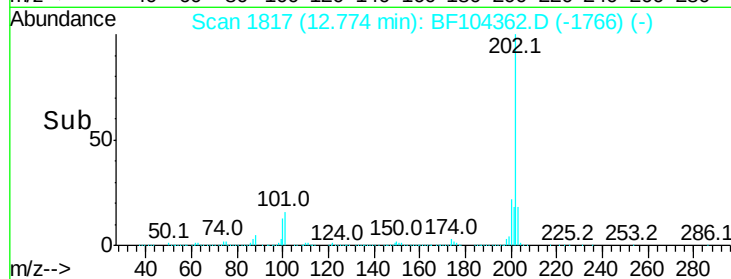
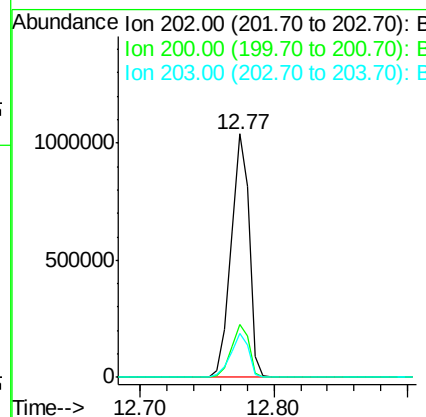
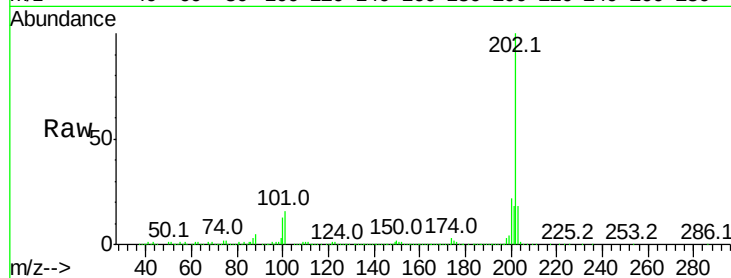




#77
Pvrene
Concen: 43.445 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

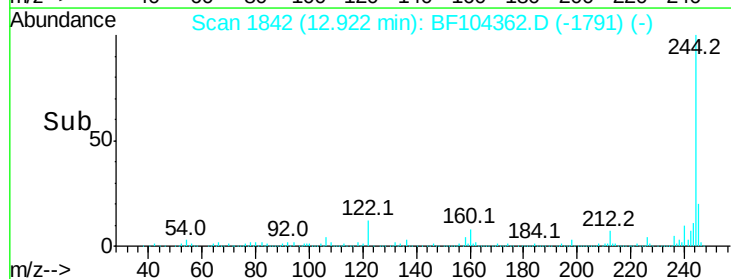
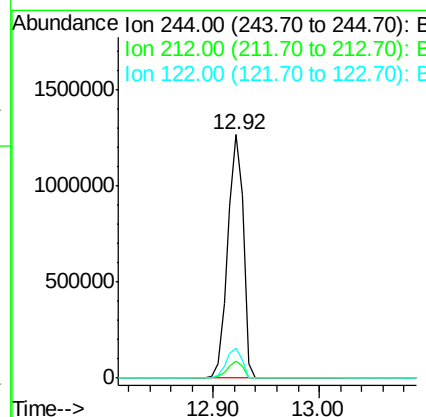
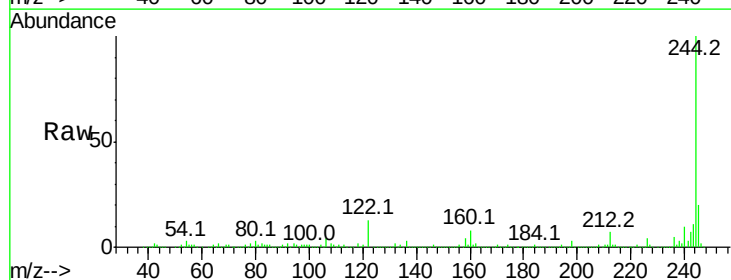
Instrument :
BNA_F
ClientSampleId :

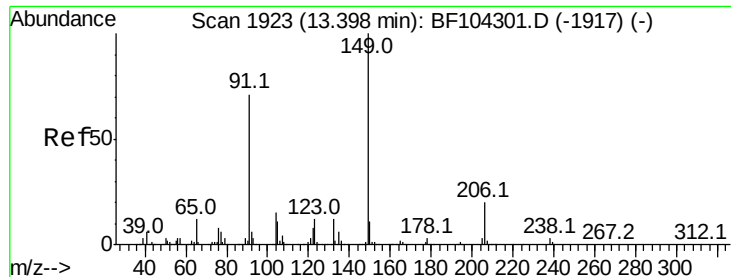
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.3	21.5



#78
Terphenyl-d14
Concen: 95.815 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104362.D
Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4





#79

Butylbenzylphthalate

Concen: 44.094 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

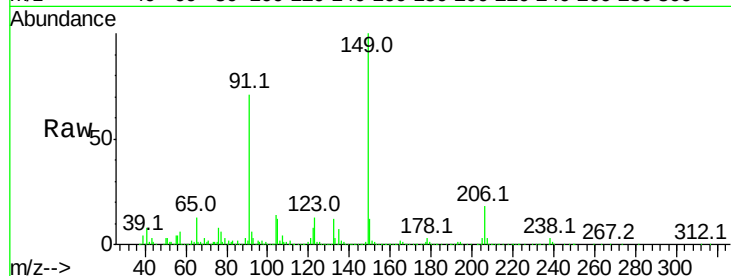
Tot Ion:149 Resp: 476368

Ion Ratio Lower Upper

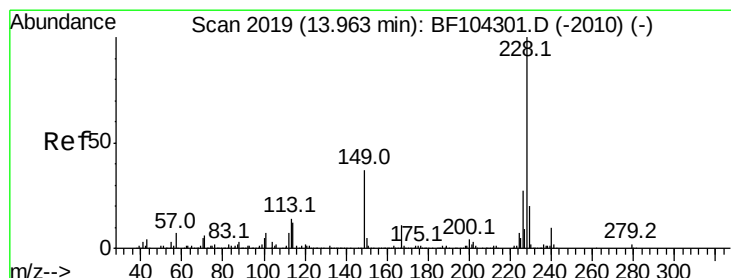
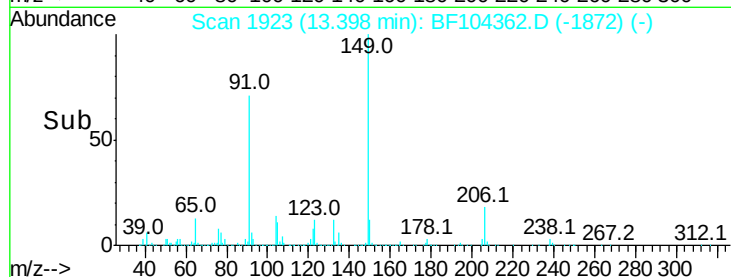
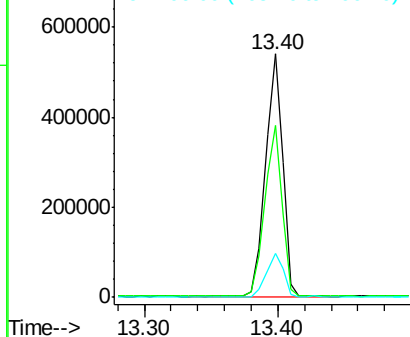
149 100

91 70.7 56.8 85.2

206 18.2 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.306 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

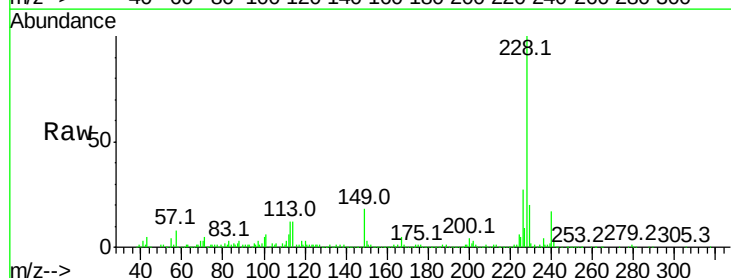
Tgt Ion:228 Resp: 652530

Ion Ratio Lower Upper

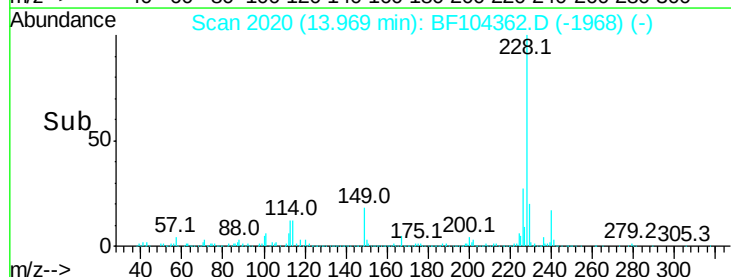
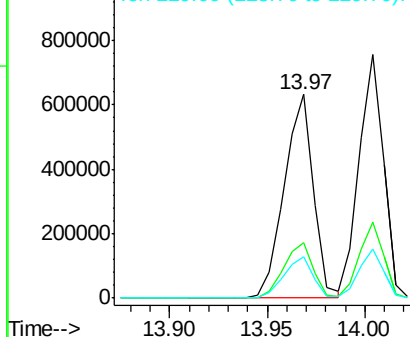
228 100

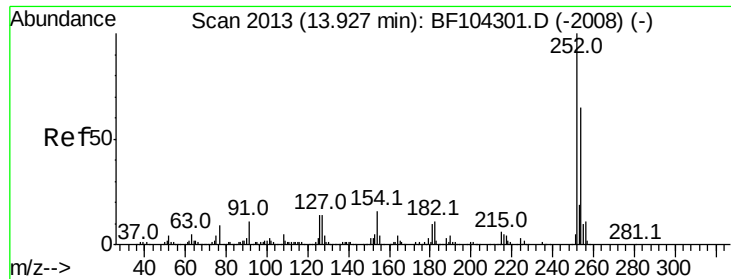
226 27.4 22.6 33.8

229 20.3 15.8 23.6



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

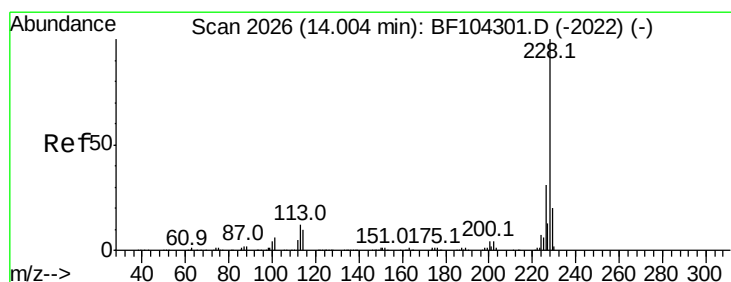
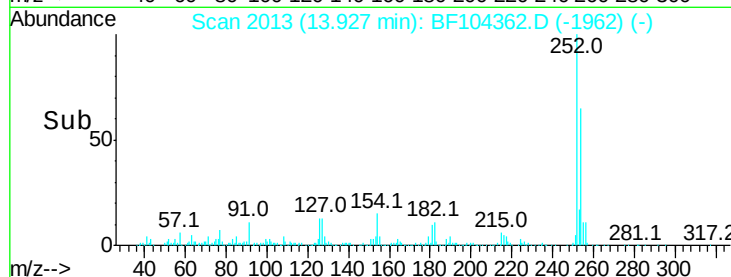
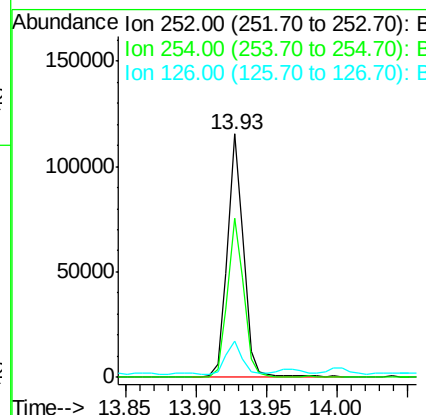
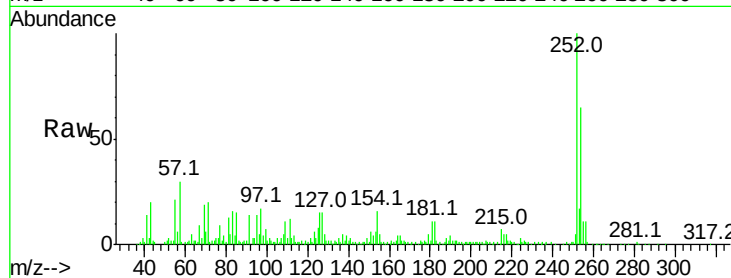




#81
 3,3'-Dichlorobenzidine
 Concen: 13.420 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

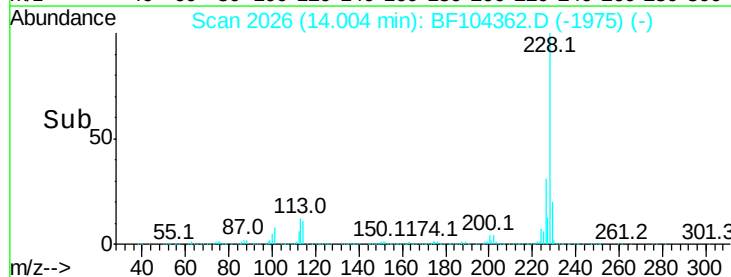
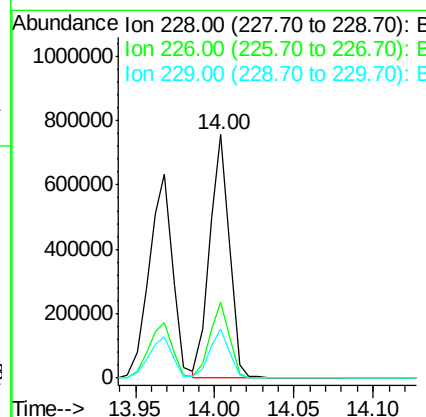
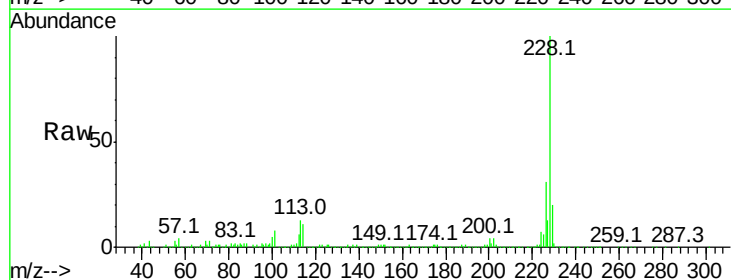
Instrument :
 BNA_F
 ClientSampleId :

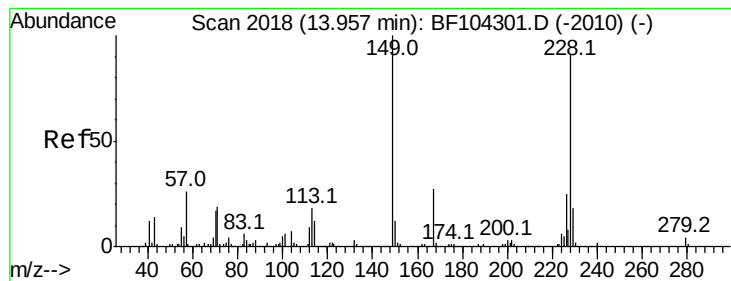
Tot Ion:252 Resp: 92476
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 14.9 11.3 16.9



#82
 Chrysene
 Concen: 34.822 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion:228 Resp: 661050
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.407 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

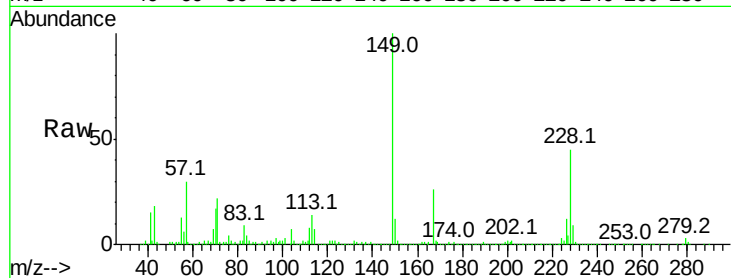
Tot Ion:149 Resp: 575378

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

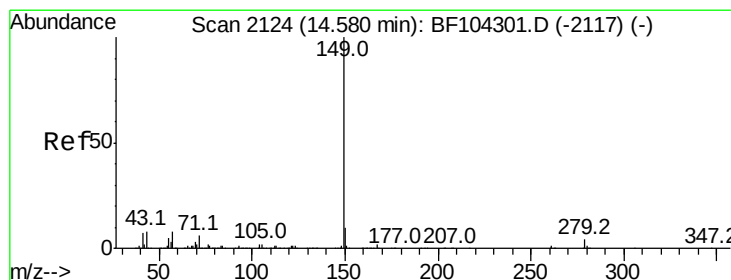
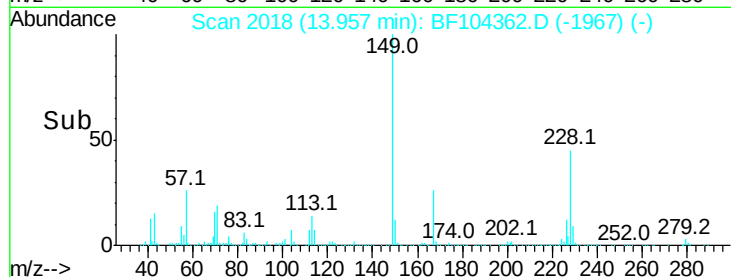
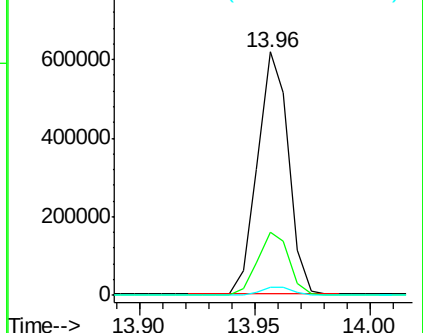
279 3.3 3.0 4.4



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: 37.328 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

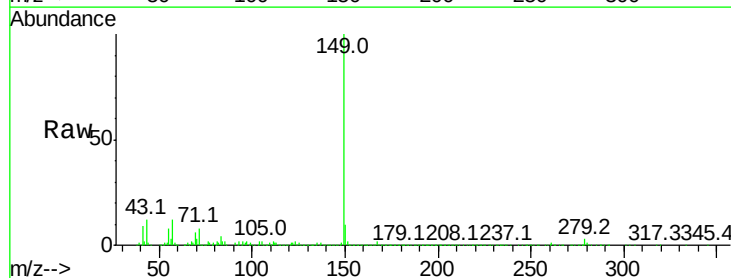
Tgt Ion:149 Resp: 866717

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

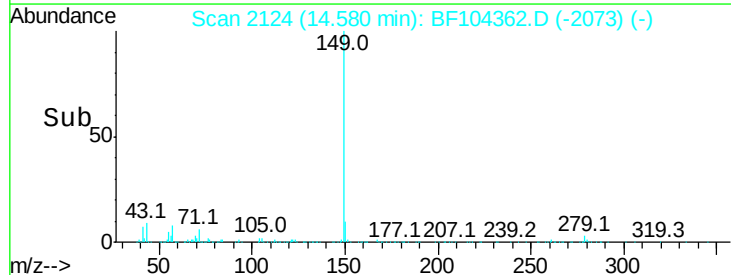
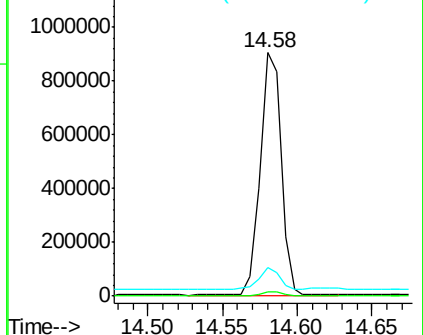
43 8.9 8.4 12.6

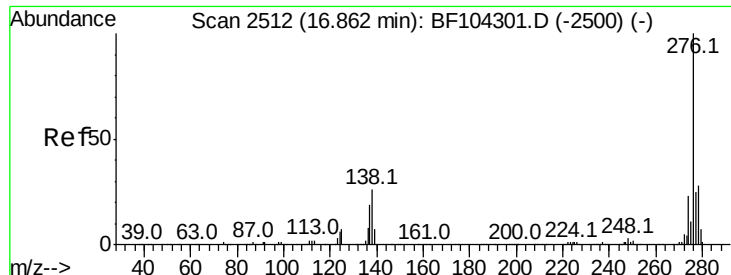


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

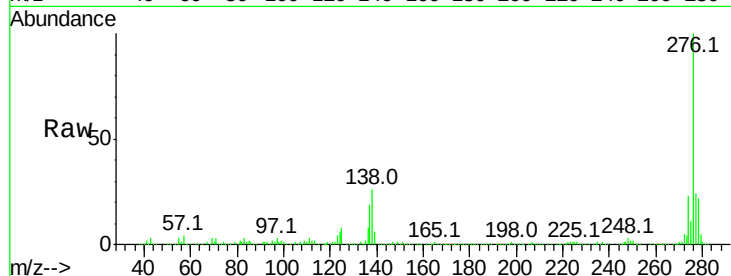




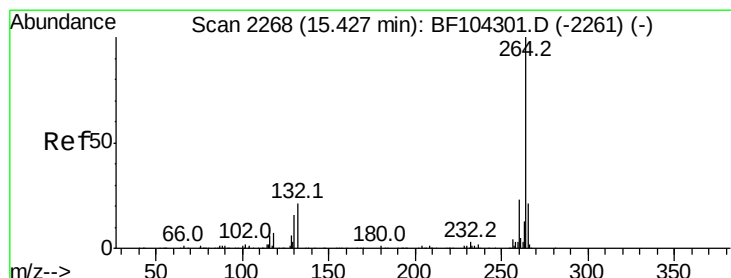
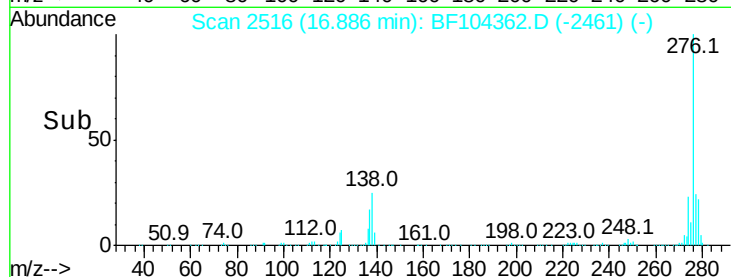
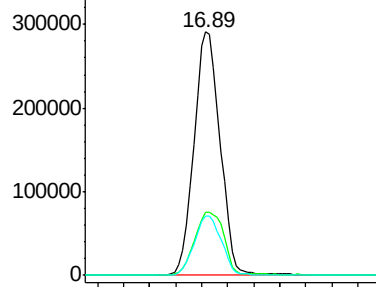
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.187 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. 0.02 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.5	20.1	30.1

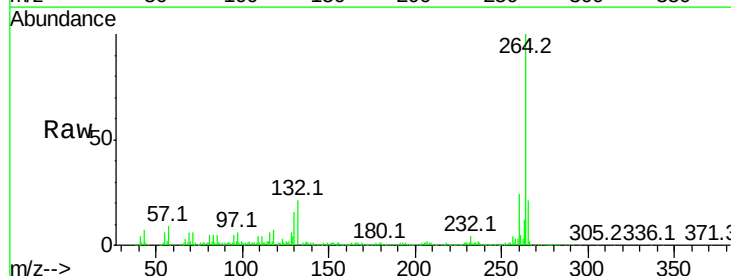


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

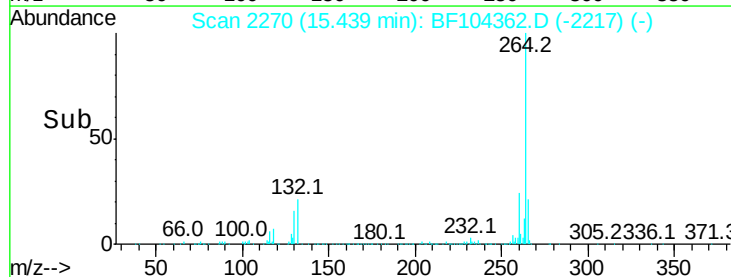
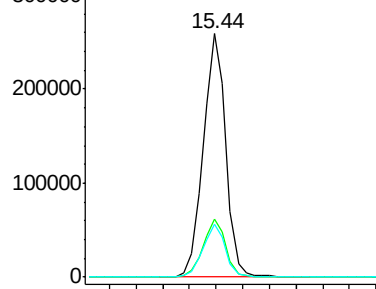


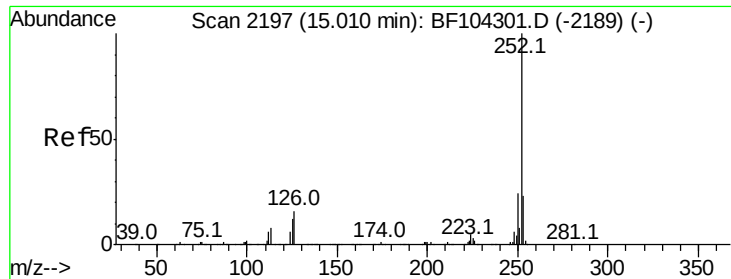
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF104362.D
 Acq: 9 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	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: 29.608 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.04 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

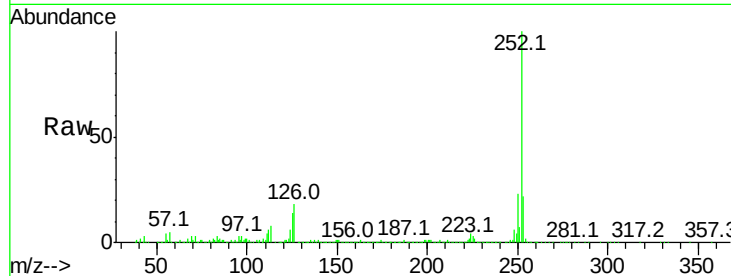
Tot Ion:252 Resp: 571657

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

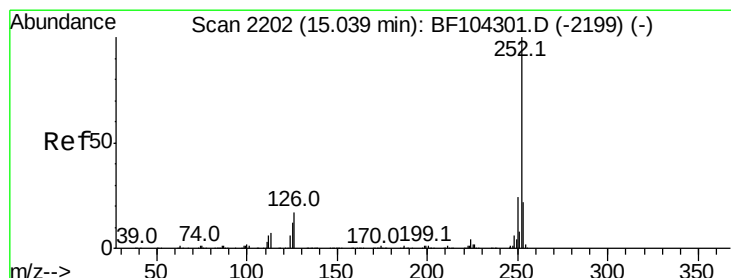
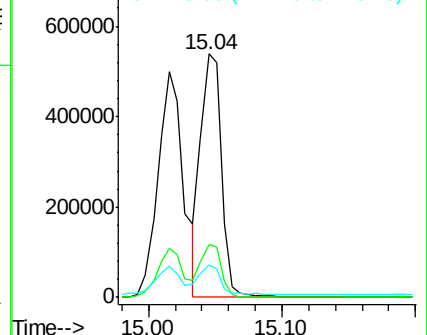
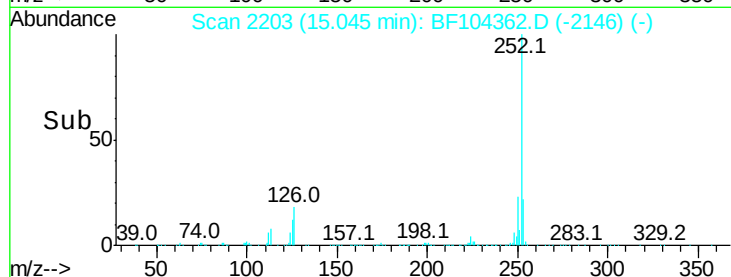
125 13.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.361 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

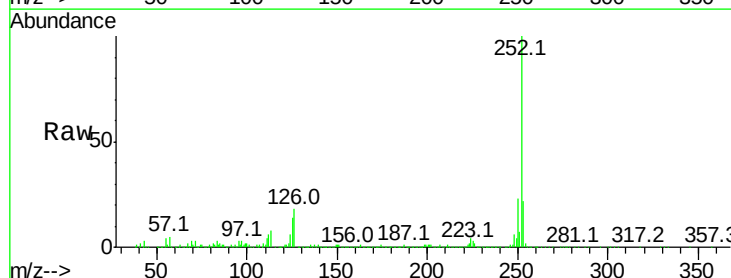
Tgt Ion:252 Resp: 571657

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

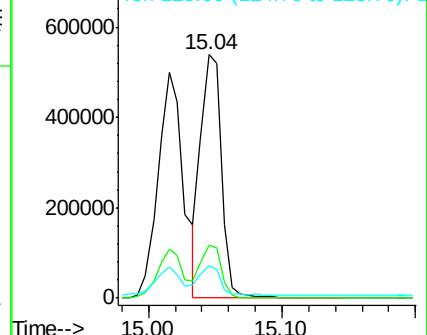
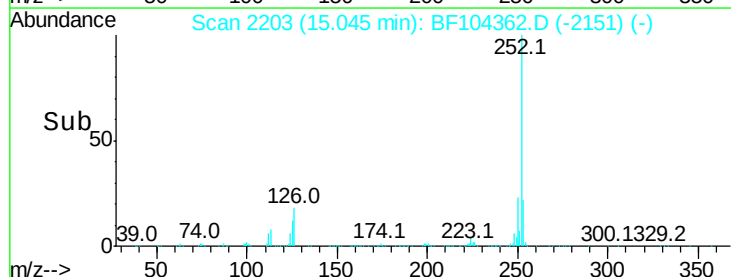
125 13.5 10.2 15.2

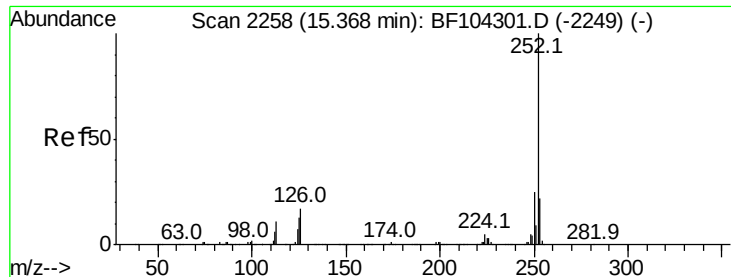


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.085 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :

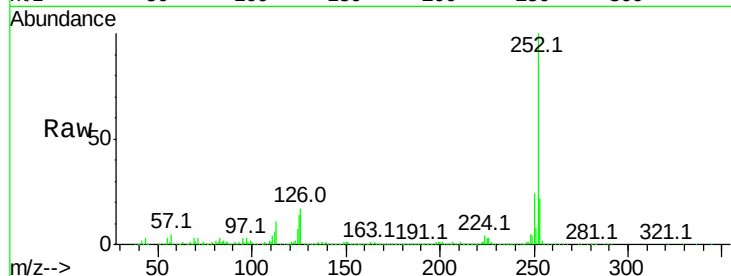
Tot Ion:252 Resp: 623389

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

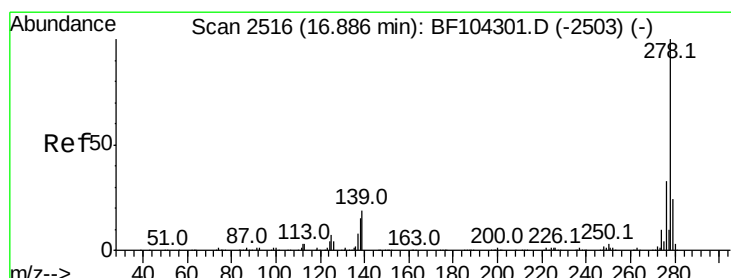
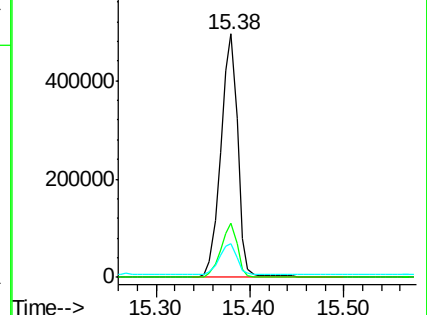
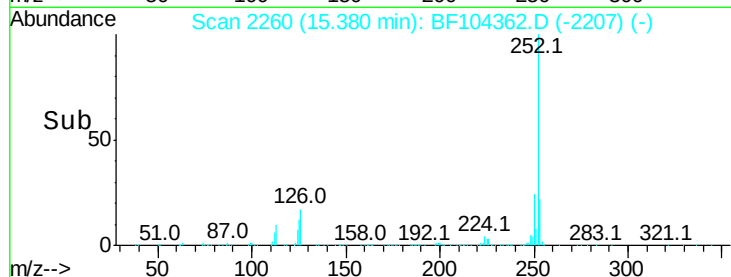
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.996 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.02 min

Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

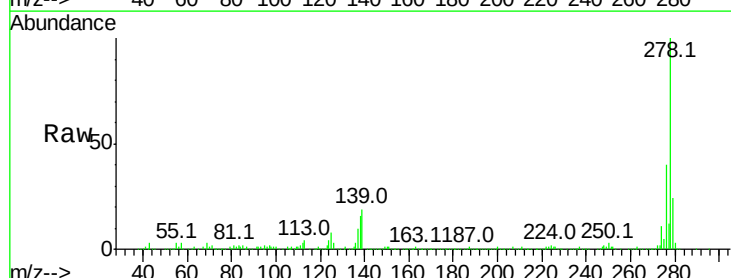
Tgt Ion:278 Resp: 666797

Ion Ratio Lower Upper

278 100

139 18.9 15.9 23.9

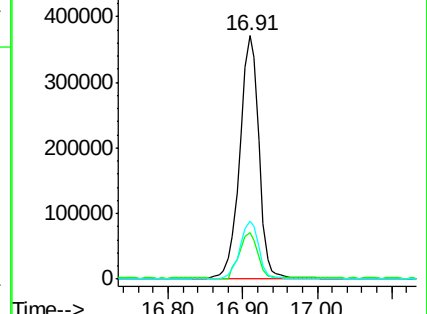
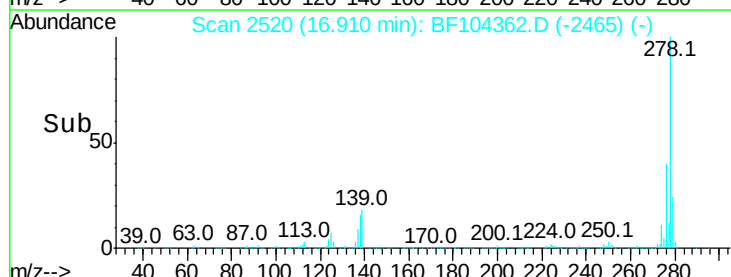
279 23.6 19.0 28.4

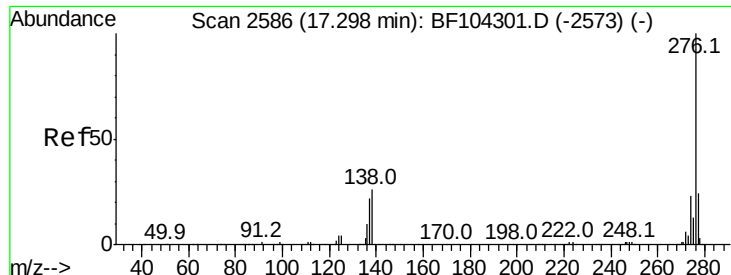


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.243 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.04 min

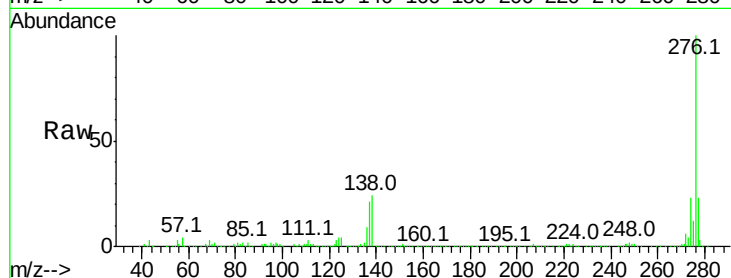
Lab File: BF104362.D

Acq: 9 Apr 2018 10:53

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 676905

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 24.4 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

