

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104473.D
 Acq On : 13 Apr 2018 12:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 17:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127926	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	525499	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	246065	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	446215	20.00	ng	0.00
75) Chrysene-d12	13.99	240	344234	20.00	ng	0.00
86) Perylene-d12	15.46	264	295090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	616282	73.66	ng	0.00
7) Phenol-d6	6.45	99	745382	72.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	679200	84.40	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	201889	79.09	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1164288	74.75	ng	0.00
78) Terphenyl-d14	12.93	244	1135324	75.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	143436	36.794	ng	89
3) Pyridine	3.27	79	396407	36.167	ng	88
4) n-Nitrosodimethylamine	3.23	42	131762	34.390	ng	80
6) Aniline	6.47	93	516803	36.187	ng	98
8) 2-Chlorophenol	6.60	128	333507	37.768	ng	94
9) Benzaldehyde	6.36	77	190236	35.147	ng	96
10) Phenol	6.46	94	423160	38.797	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	320667	36.842	ng	94
12) 1,3-Dichlorobenzene	6.75	146	377328	37.718	ng	99
13) 1,4-Dichlorobenzene	6.83	146	379991	38.105	ng	99
14) 1,2-Dichlorobenzene	6.99	146	354717	38.384	ng	97
15) Benzyl Alcohol	6.96	79	285564	36.575	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	415198	35.521	ng	92
17) 2-Methylphenol	7.07	107	290449	37.839	ng	98
18) Hexachloroethane	7.32	117	137354	38.631	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	230438	34.305	ng	95
20) 3+4-Methylphenols	7.22	107	347695	36.523	ng	# 72
22) Acetophenone	7.23	105	462993	35.787	ng	# 96
24) Nitrobenzene	7.40	77	359895	40.505	ng	98
25) Isophorone	7.63	82	607838	35.717	ng	97
26) 2-Nitrophenol	7.71	139	184112	50.899	ng	98
27) 2,4-Dimethylphenol	7.75	122	262369	34.933	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	376686	36.202	ng	99
29) 2,4-Dichlorophenol	7.95	162	270207	37.706	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	304767	38.752	ng	98
31) Naphthalene	8.12	128	977069	37.340	ng	100
32) Benzoic acid	7.87	122	195556	32.633	ng	99
33) 4-Chloroaniline	8.17	127	420086	37.473	ng	97
34) Hexachlorobutadiene	8.23	225	168636	39.147	ng	98
35) Caprolactam	8.55	113	92037	36.816	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	289411	37.664	ng	95
37) 2-Methylnaphthalene	8.81	142	628604	37.138	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	275437	39.104	ng	99
40) Hexachlorocyclopentadiene	8.96	237	144772	36.713	ng	98

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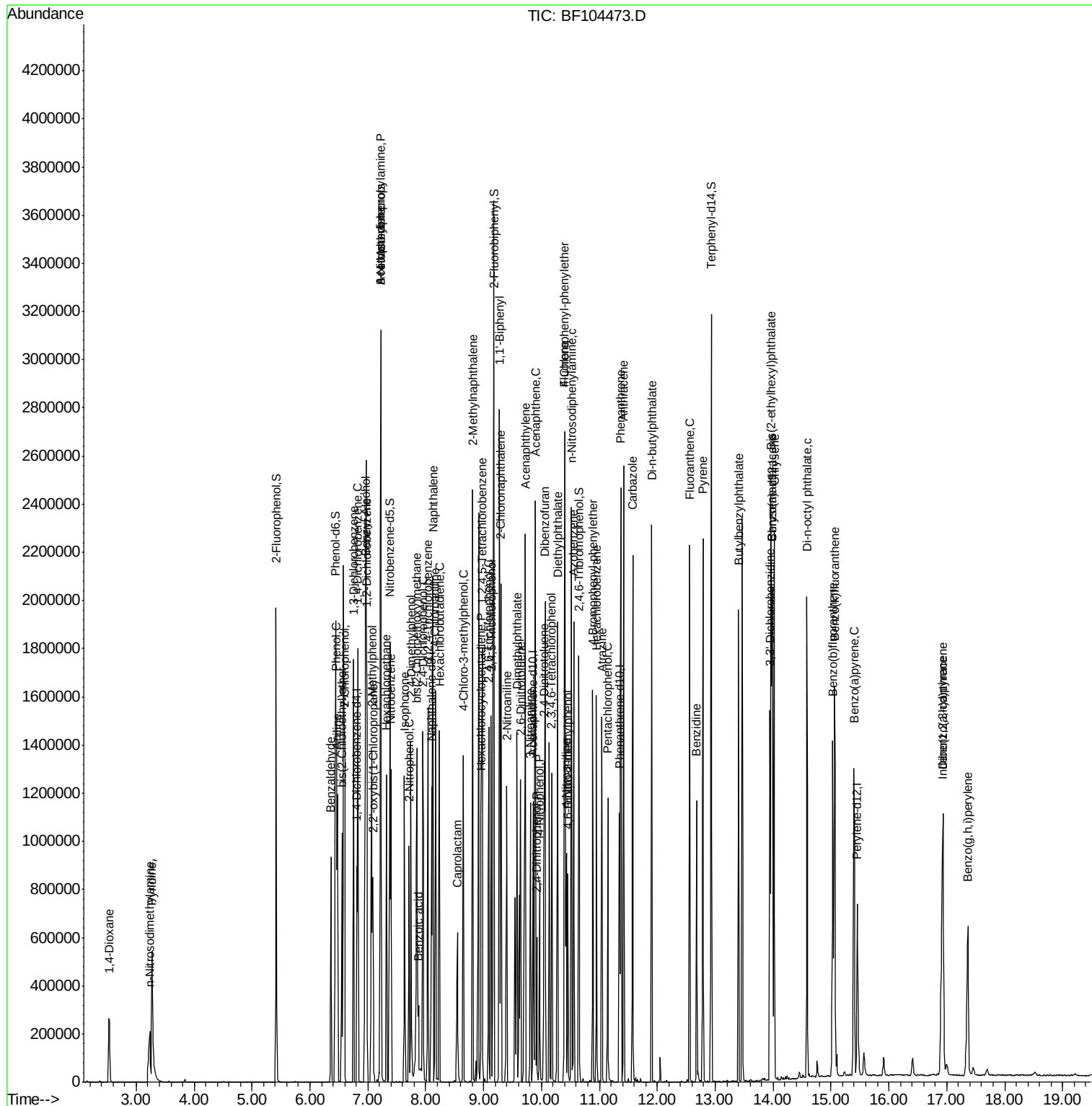
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	191344	39.132	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	215117	39.314	ng	97
45) 1,1'-Biphenyl	9.27	154	771156	37.306	ng	100
46) 2-Chloronaphthalene	9.30	162	616802	37.777	ng	99
47) 2-Nitroaniline	9.40	65	186690	46.235	ng	96
48) Acenaphthylene	9.72	152	949404	37.061	ng	100
49) Dimethylphthalate	9.58	163	739427	38.107	ng	99
50) 2,6-Dinitrotoluene	9.64	165	161786	45.059	ng	98
51) Acenaphthene	9.89	154	553936	35.440	ng	99
52) 3-Nitroaniline	9.81	138	189593	45.104	ng	99
53) 2,4-Dinitrophenol	9.92	184	69383	55.263	ng	# 23
54) Dibenzofuran	10.06	168	800030	36.729	ng	100
55) 4-Nitrophenol	9.97	139	134774	40.817	ng	94
56) 2,4-Dinitrotoluene	10.05	165	211799	44.971	ng	# 96
57) Fluorene	10.40	166	620526	39.138	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	157062	38.475	ng	95
59) Diethylphthalate	10.27	149	705972	36.531	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	285051	40.371	ng	99
61) 4-Nitroaniline	10.43	138	184904	44.989	ng	97
62) Azobenzene	10.56	77	646948	35.040	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	108839	49.764	ng	82
65) n-Nitrosodiphenylamine	10.52	169	571452	36.936	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	178556	37.620	ng	92
67) Hexachlorobenzene	10.95	284	203751	38.151	ng	95
68) Atrazine	11.05	200	177046	37.911	ng	98
69) Pentachlorophenol	11.15	266	118605	35.898	ng	97
70) Phenanthrene	11.37	178	920545	37.045	ng	99
71) Anthracene	11.42	178	936836	37.088	ng	99
72) Carbazole	11.57	167	897537	36.362	ng	100
73) Di-n-butylphthalate	11.90	149	1102695	36.571	ng	99
74) Fluoranthene	12.56	202	943749	36.350	ng	99
76) Benzidine	12.68	184	398314	32.211	ng	99
77) Pyrene	12.79	202	980689	38.435	ng	99
79) Butylbenzylphthalate	13.40	149	470146	39.111	ng	99
80) Benzo(a)anthracene	13.98	228	813475	39.556	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	295904	38.591	ng	98
82) Chrysene	14.02	228	780993	36.973	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	634354	41.027	ng	99
84) Di-n-octyl phthalate	14.59	149	966041	37.392	ng	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	645200	35.956	ng	96
87) Benzo(b)fluoranthene	15.03	252	695458	37.315	ng	99
88) Benzo(k)fluoranthene	15.06	252	705947	40.121	ng	99
89) Benzo(a)pyrene	15.40	252	641581	38.474	ng	99
90) Dibenzo(a,h)anthracene	16.94	278	529826	38.685	ng	96
91) Benzo(g,h,i)perylene	17.36	276	518825	39.101	ng	97

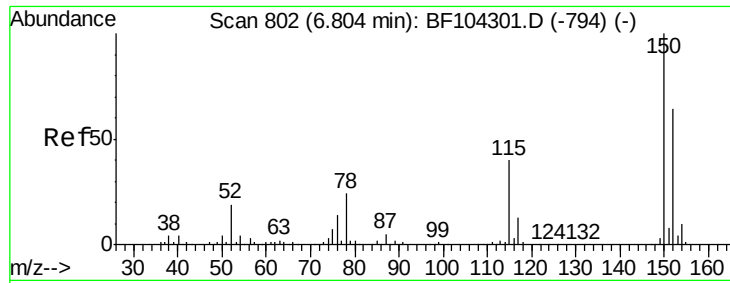
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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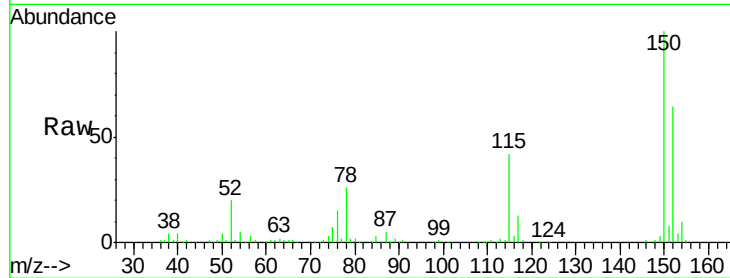


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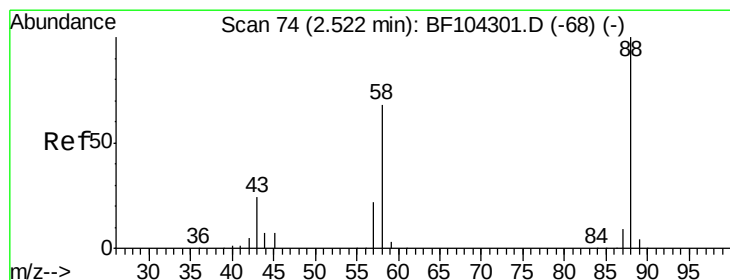
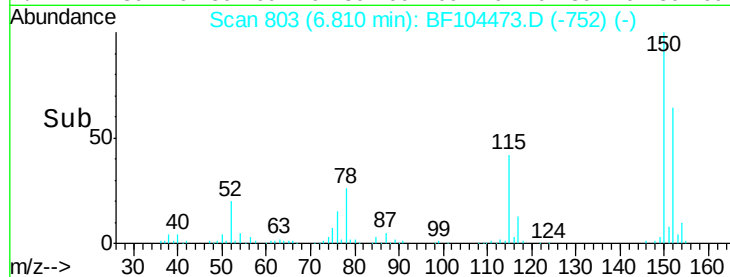
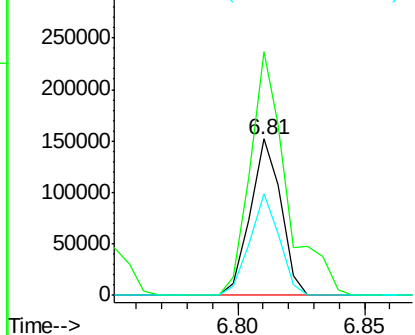
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 127926
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 65.1 50.1 75.1



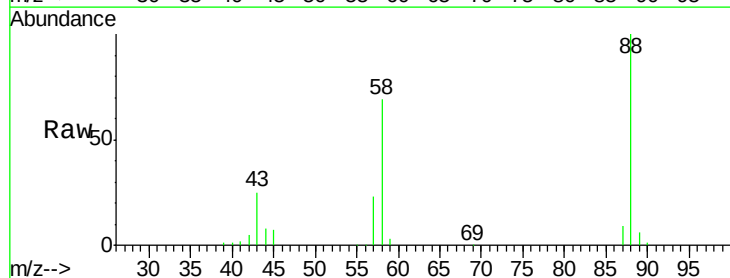
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



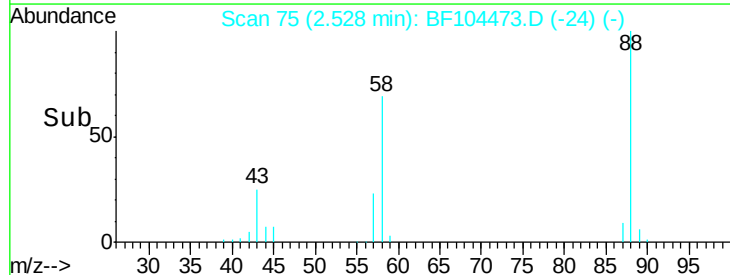
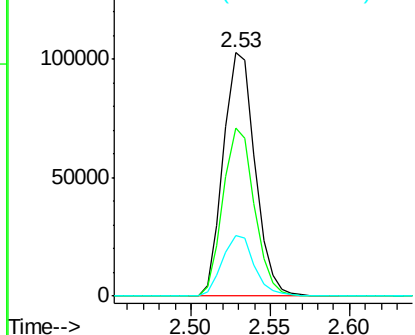
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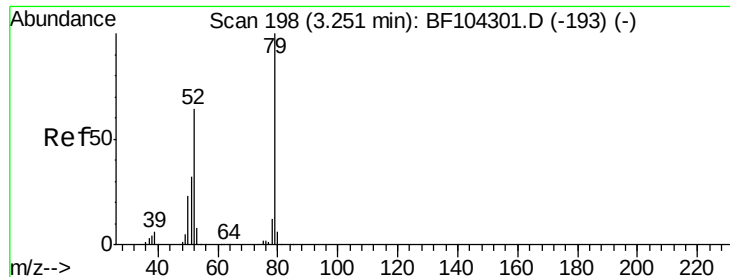
1,4-Dioxane
Concen: 36.794 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion: 88 Resp: 143436
Ion Ratio Lower Upper
88 100
58 68.0 62.6 93.8
43 25.0 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: 36.167 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

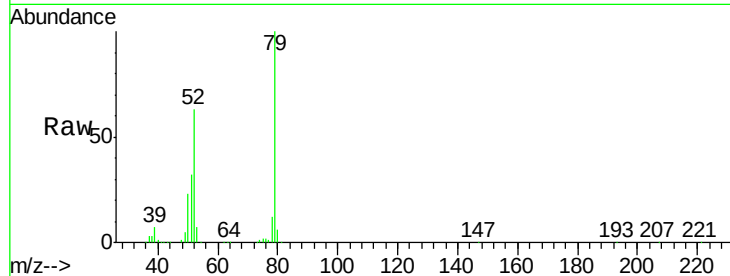
Tot Ion: 79 Resp: 396407

Ion Ratio Lower Upper

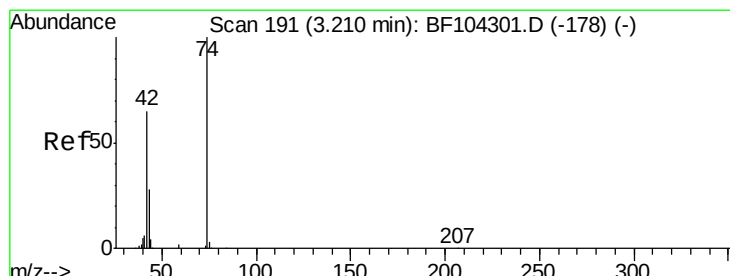
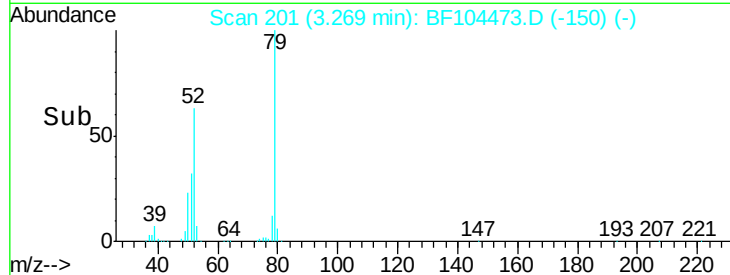
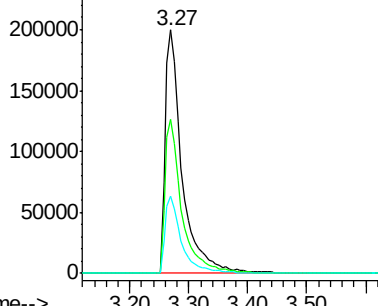
79 100

52 63.1 59.8 89.6

51 31.6 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: 34.390 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

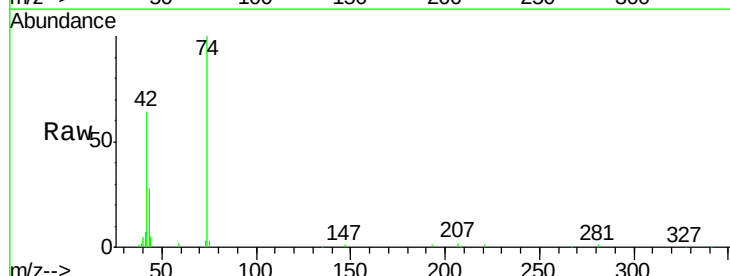
Tgt Ion: 42 Resp: 131762

Ion Ratio Lower Upper

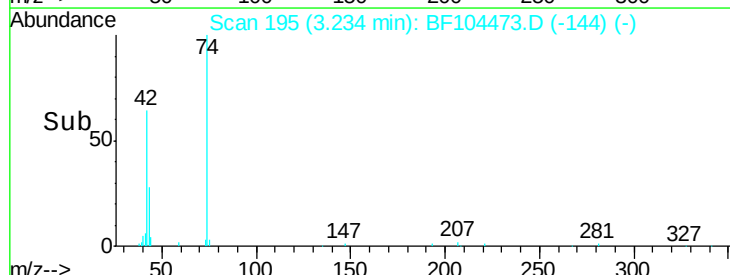
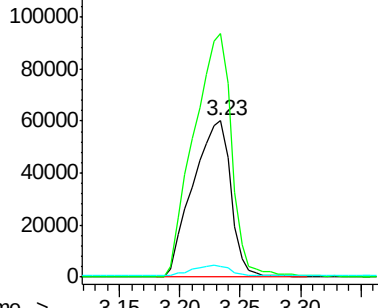
42 100

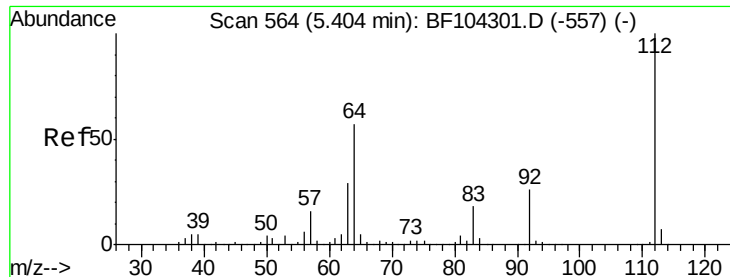
74 155.7 104.9 157.3

44 7.1 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: 73.662 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

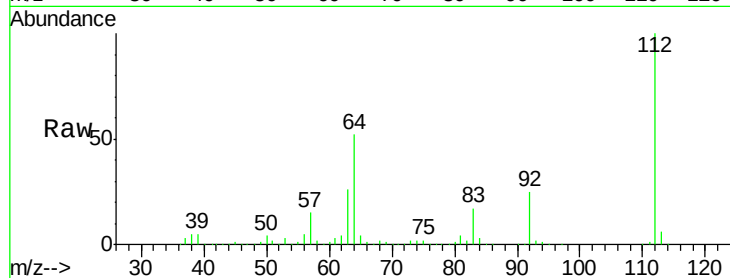
Tot Ion:112 Resp: 616282

Ion Ratio Lower Upper

112 100

64 52.0 47.9 71.9

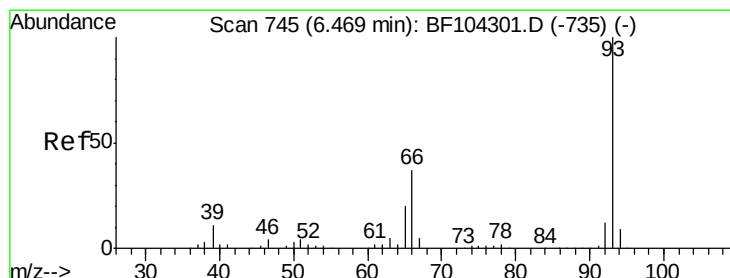
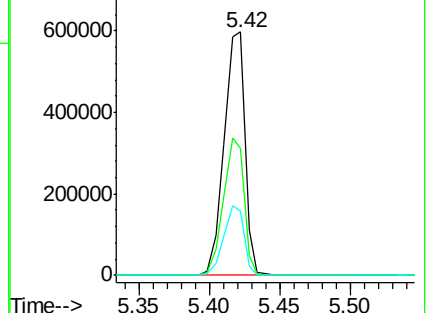
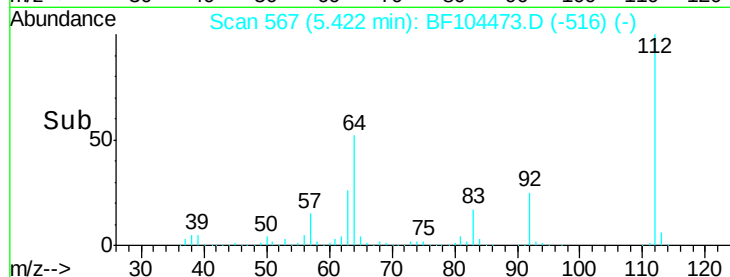
63 26.3 23.7 35.5



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: 36.187 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

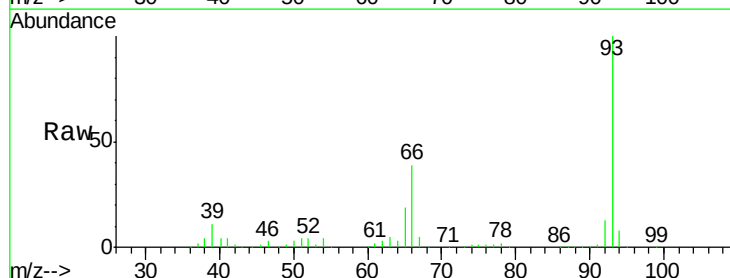
Tgt Ion: 93 Resp: 516803

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

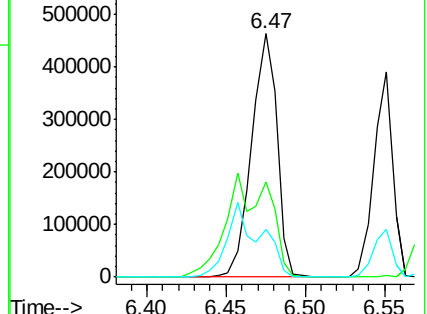
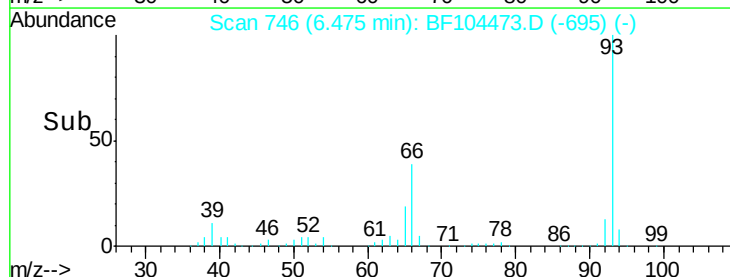
65 19.5 16.4 24.6

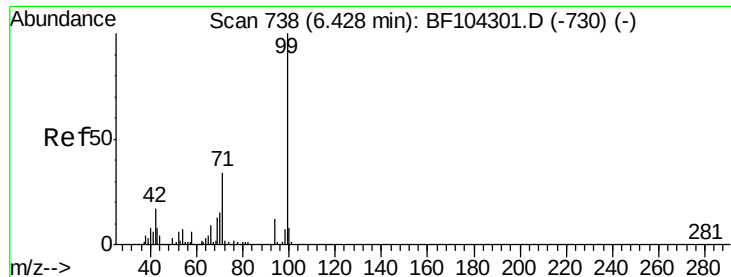


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.511 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

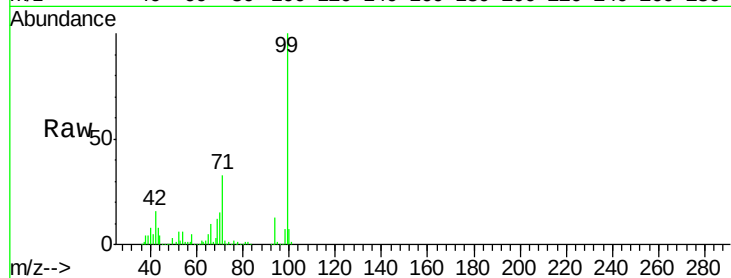
Tot Ion: 99 Resp: 745382

Ion Ratio Lower Upper

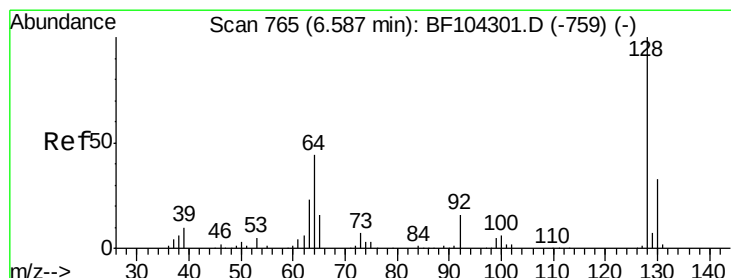
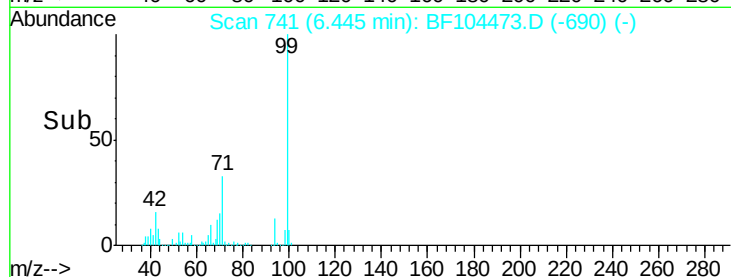
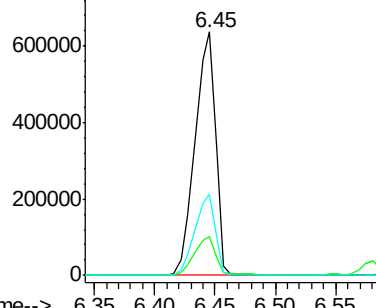
99 100

42 15.9 14.5 21.7

71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.768 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

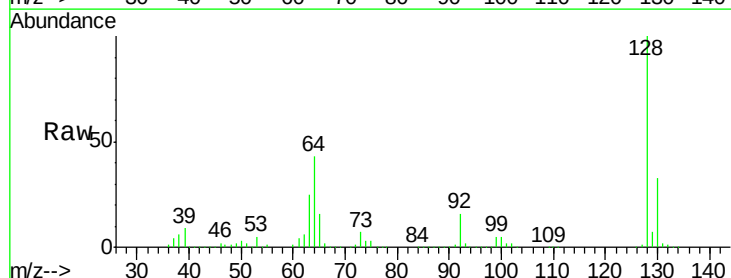
Tgt Ion: 128 Resp: 333507

Ion Ratio Lower Upper

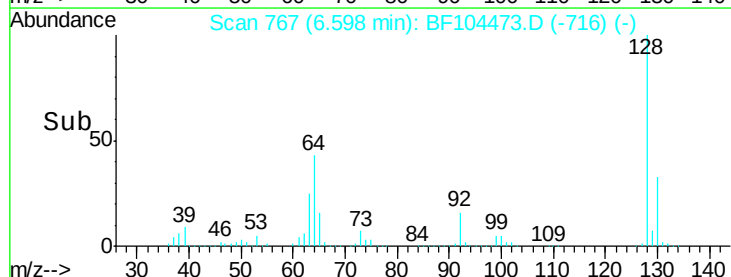
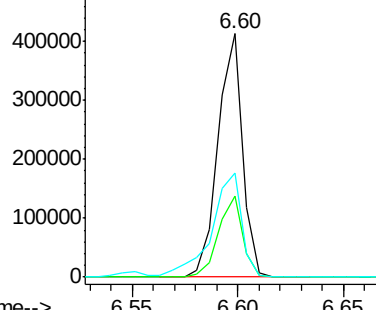
128 100

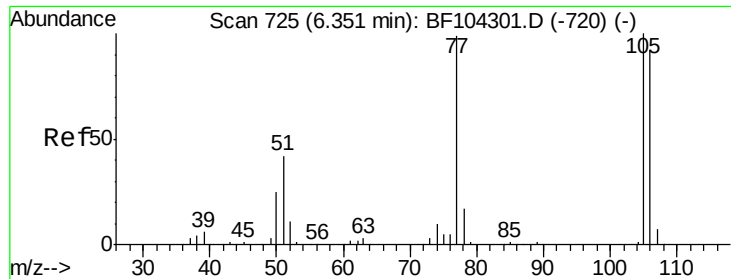
130 33.1 13.0 53.0

64 42.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

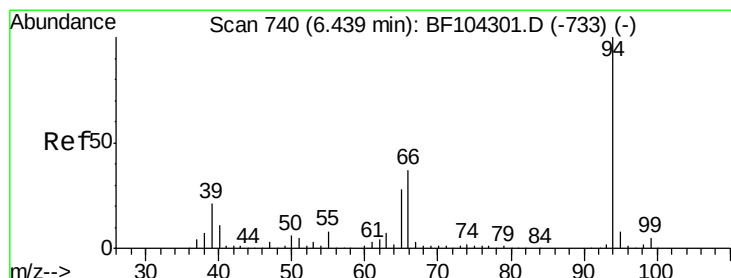
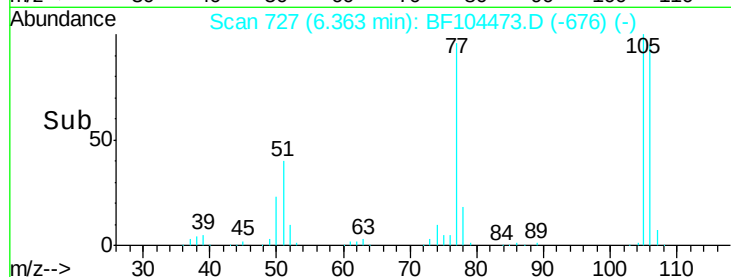
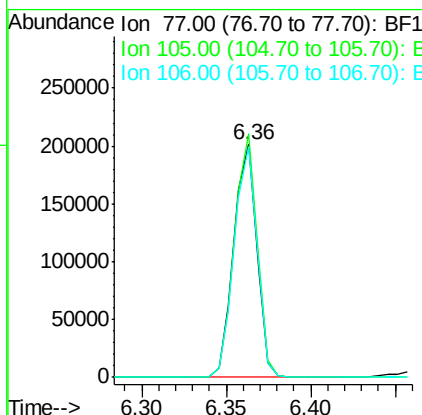
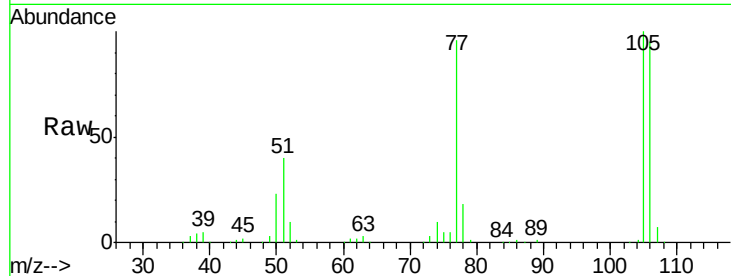




#9
Benzaldehyde
Concen: 35.147 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

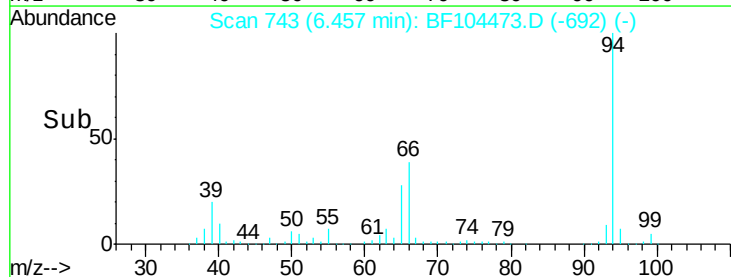
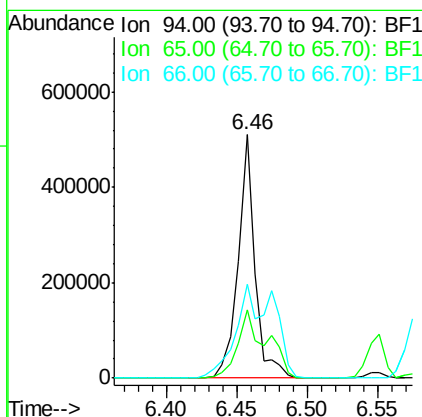
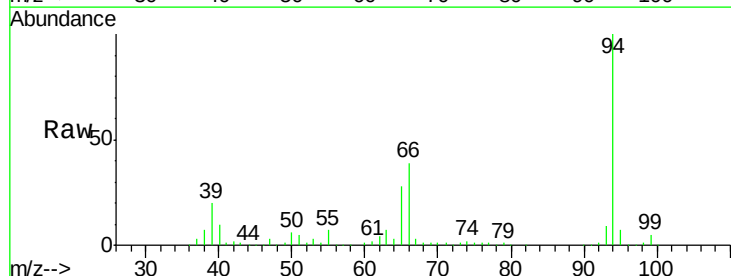
Instrument :
BNA_F
ClientSampleId :

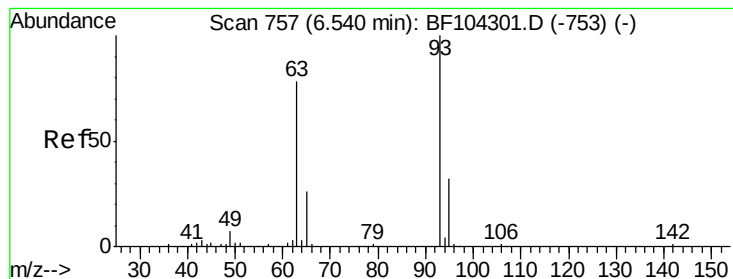
Tot Ion: 77 Resp: 190236
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 99.1 74.5 114.5



#10
Phenol
Concen: 38.797 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion: 94 Resp: 423160
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 38.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.842 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

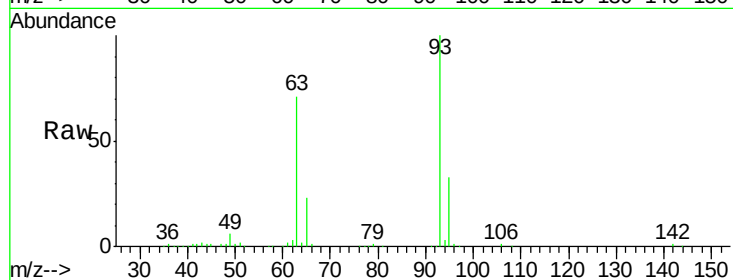
Tot Ion: 93 Resp: 320667

Ion Ratio Lower Upper

93 100

63 71.4 58.6 98.6

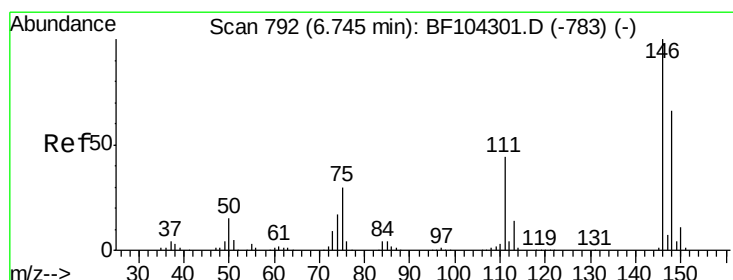
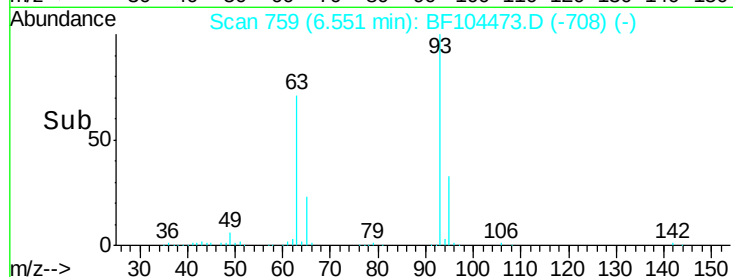
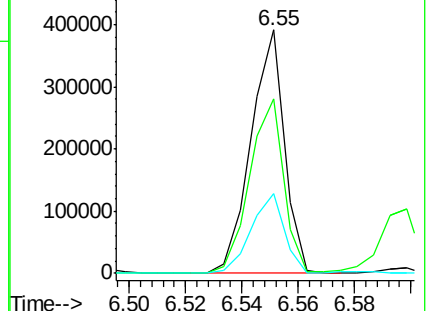
95 32.7 11.8 51.8



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: 37.718 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

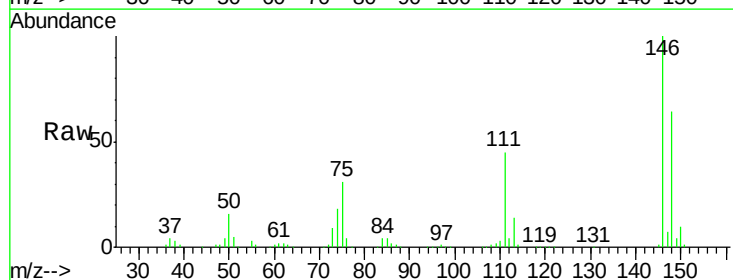
Tgt Ion: 146 Resp: 377328

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

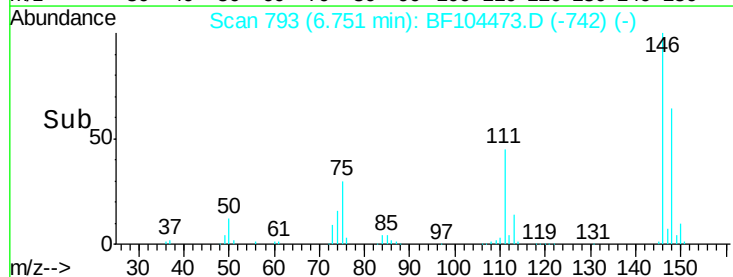
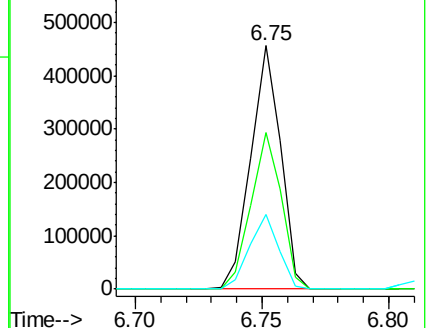
75 30.7 24.2 36.4

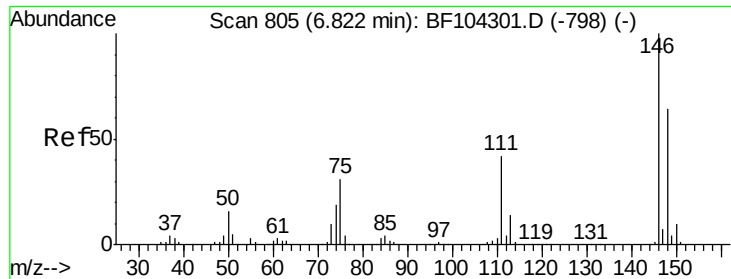


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

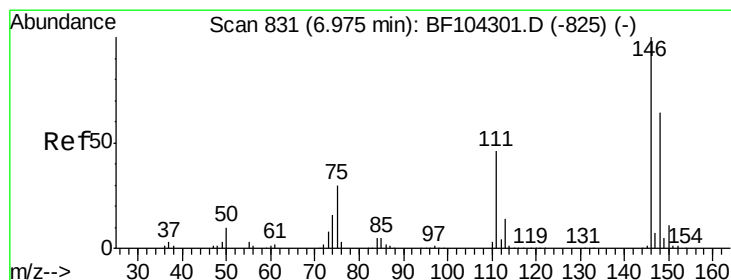
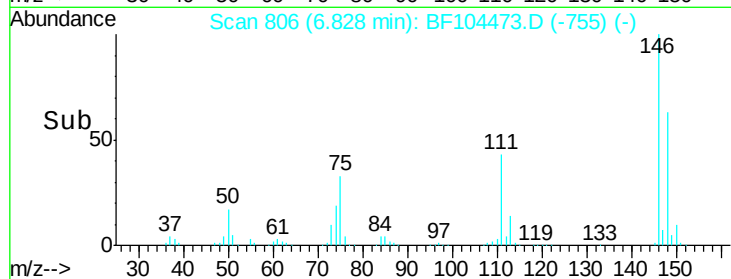
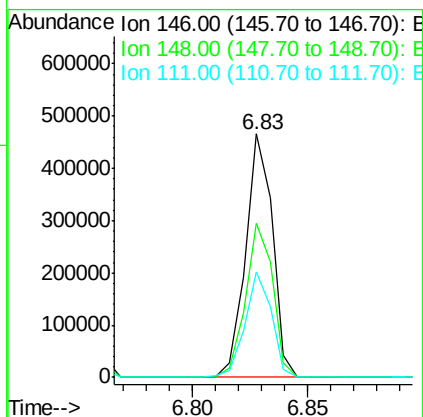
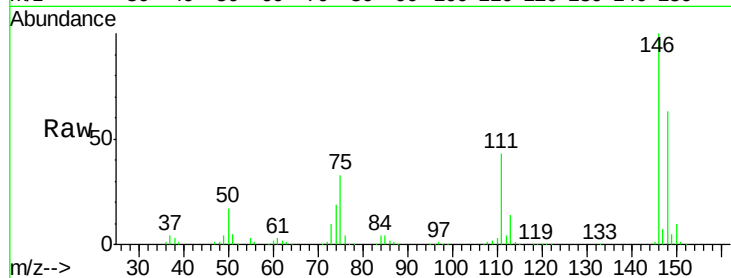




#13
 1,4-Dichlorobenzene
 Concen: 38.105 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

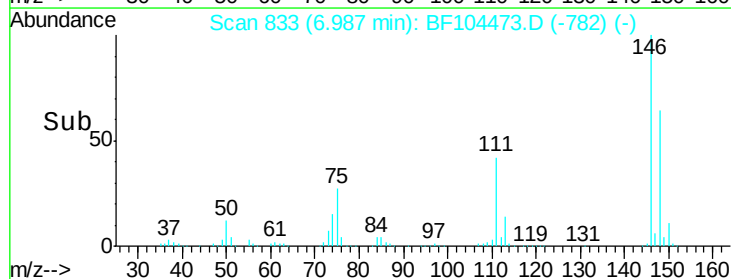
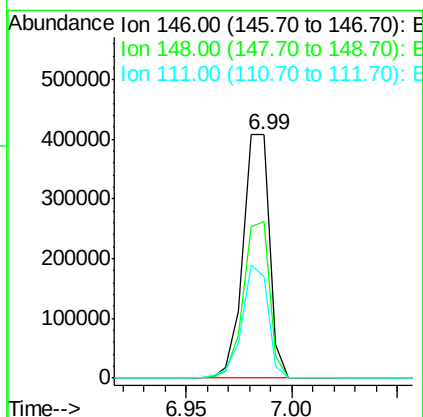
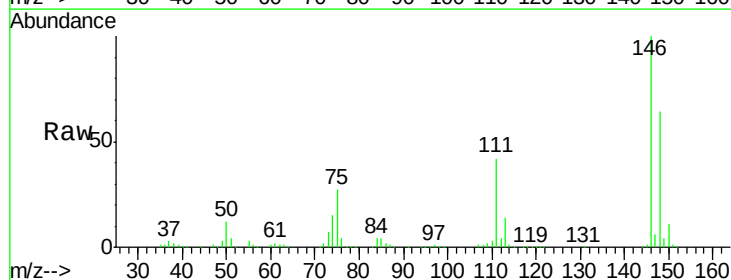
Instrument :
 BNA_F
 ClientSampleId :

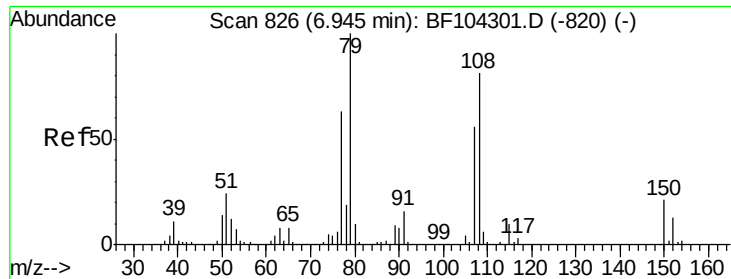
Tot Ion:146 Resp: 379991
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 43.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.384 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:146 Resp: 354717
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 41.7 36.0 54.0

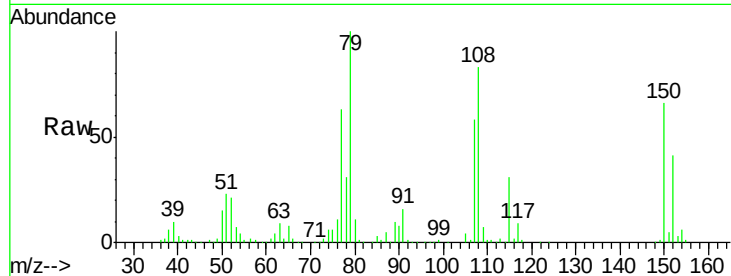




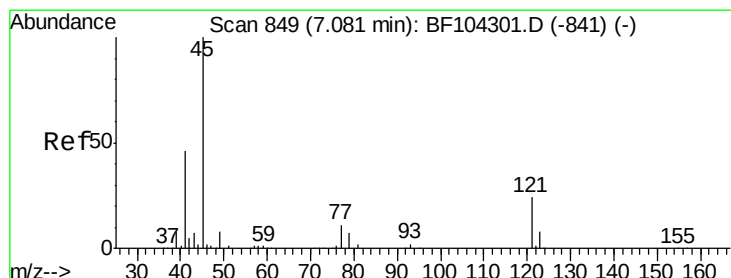
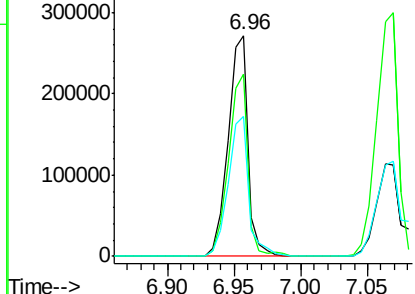
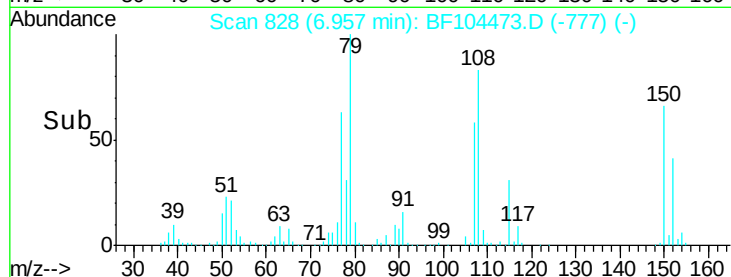
#15
Benzyl Alcohol
Concen: 36.575 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 285564
Ion Ratio Lower Upper
79 100
108 82.6 65.1 97.7
77 63.2 50.6 75.8

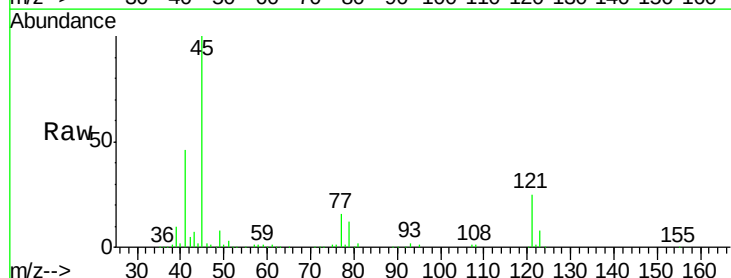


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

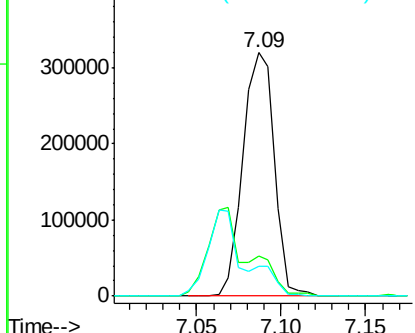
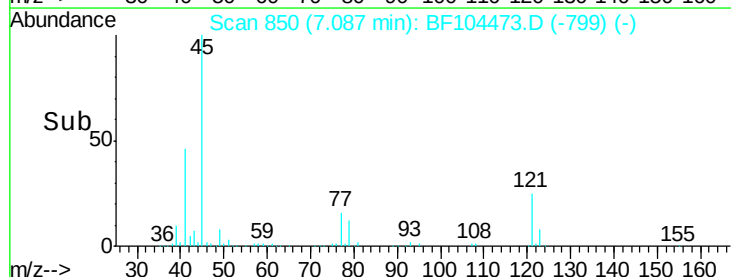


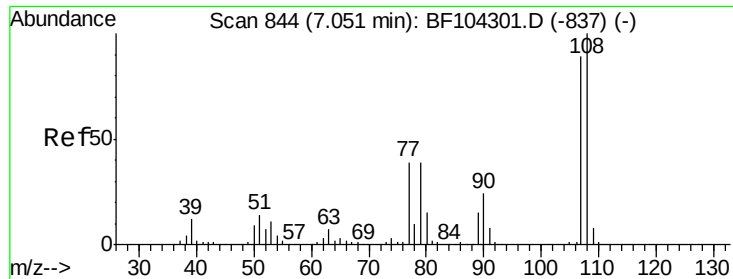
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.521 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion: 45 Resp: 415198
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

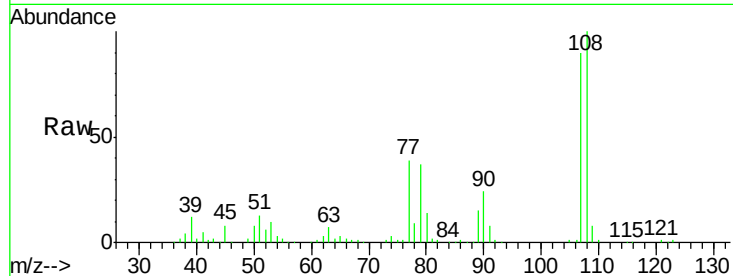




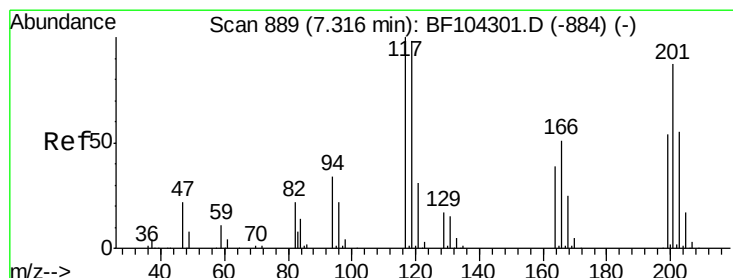
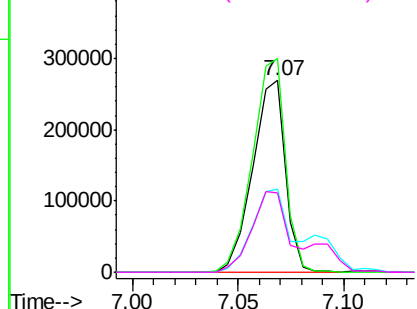
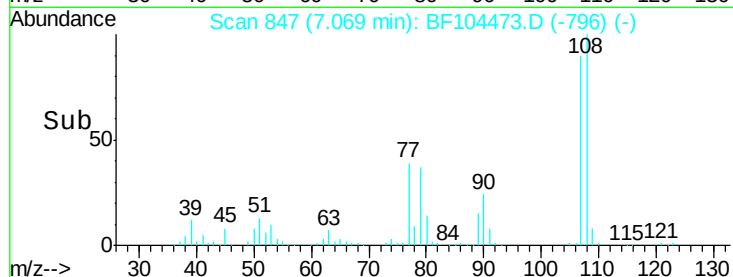
#17
2-Methylphenol
Concen: 37.839 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 290449
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 43.4 33.8 50.8
79 41.5 33.8 50.8

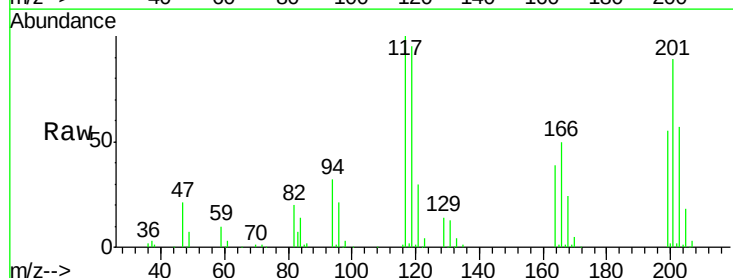


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

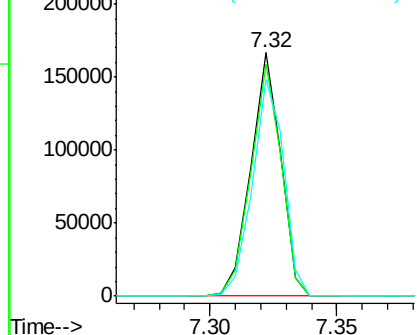
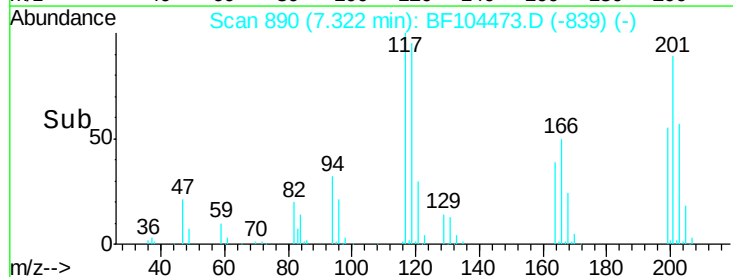


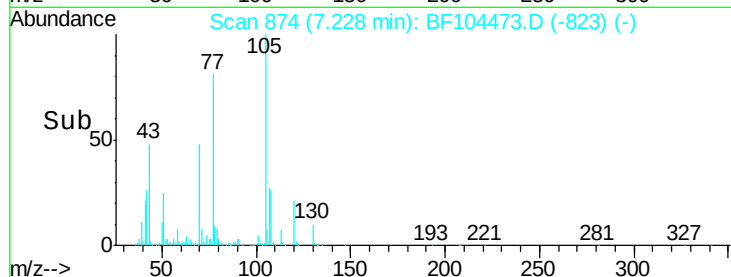
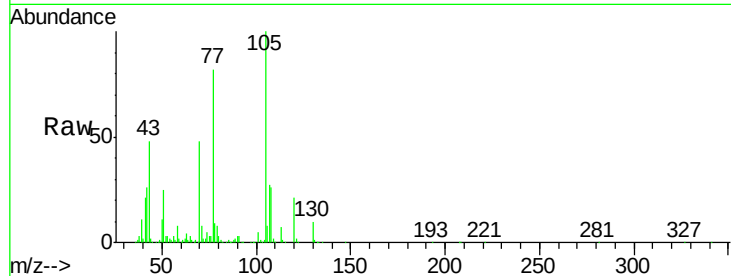
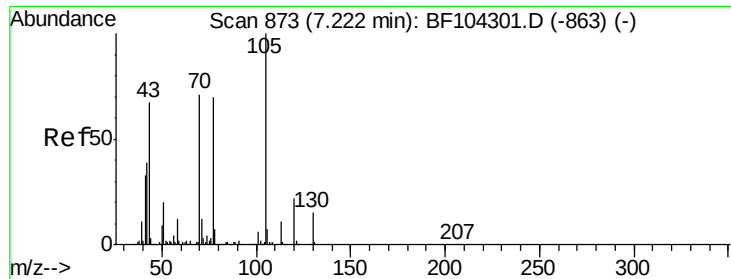
#18
Hexachloroethane
Concen: 38.631 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:117 Resp: 137354
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 88.9 75.7 113.5



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

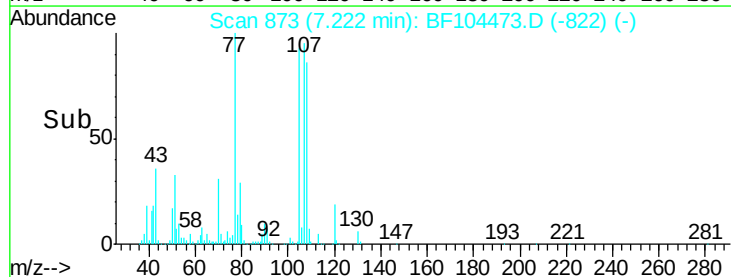
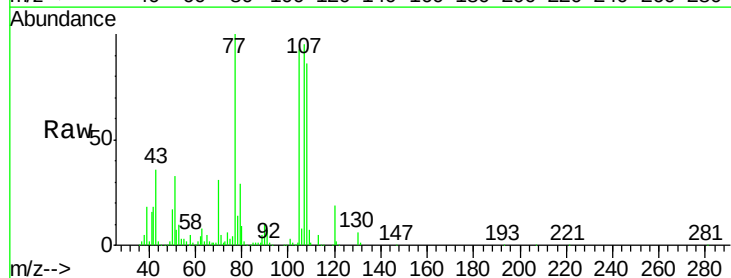
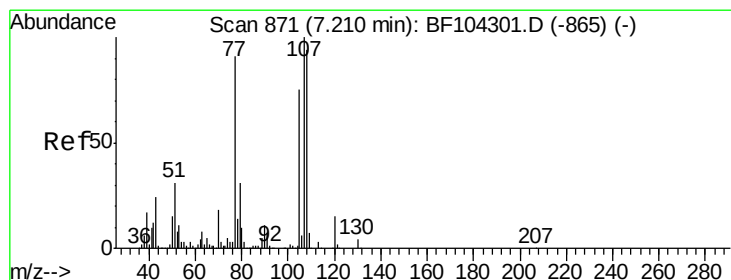
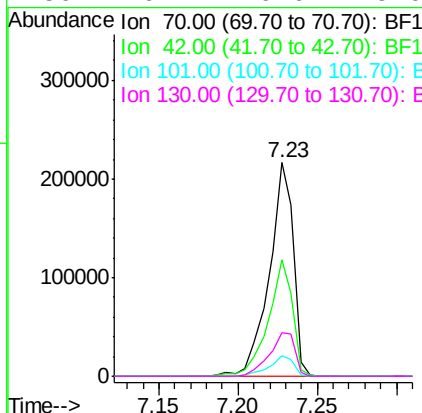




#19
n-Nitroso-di-n-propylamine
Concen: 34.305 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

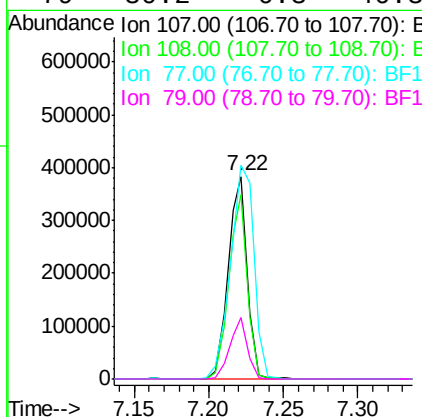
Instrument :
BNA_F
ClientSampleId :

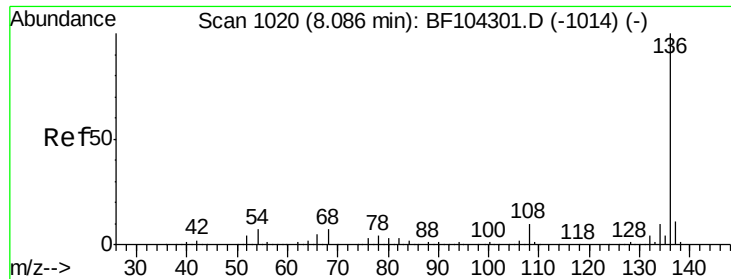
Tot Ion: 70 Resp: 230438
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 9.6 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.523 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:107 Resp: 347695
Ion Ratio Lower Upper
107 100
108 90.6 68.2 108.2
77 105.3 26.7 66.7#
79 30.2 6.3 46.3

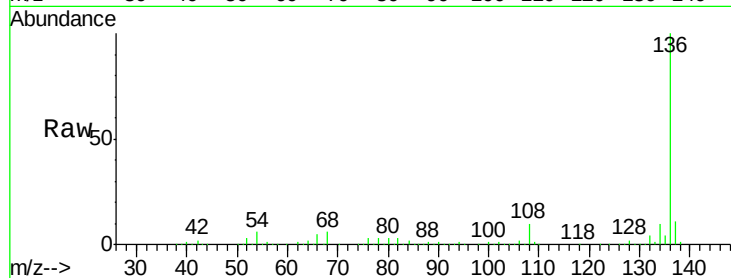




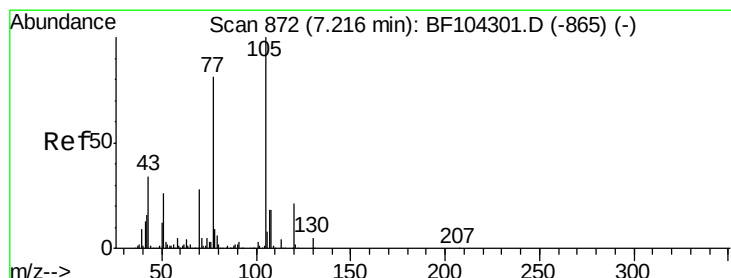
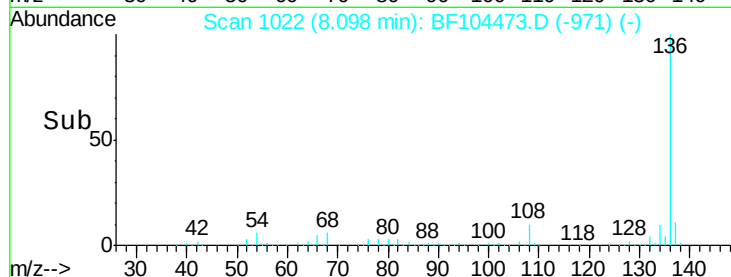
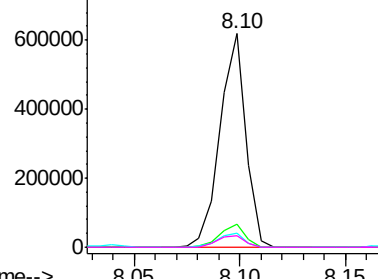
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	525499
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.4	6.6 9.8#
68	5.7	5.0 7.4

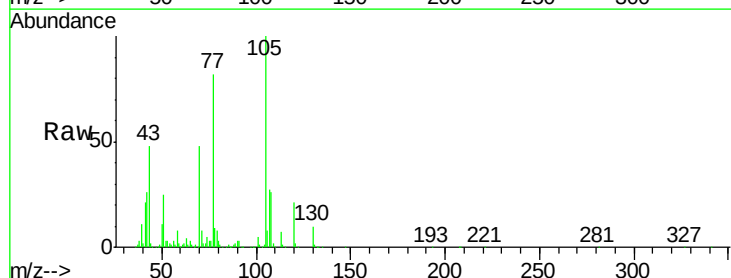


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

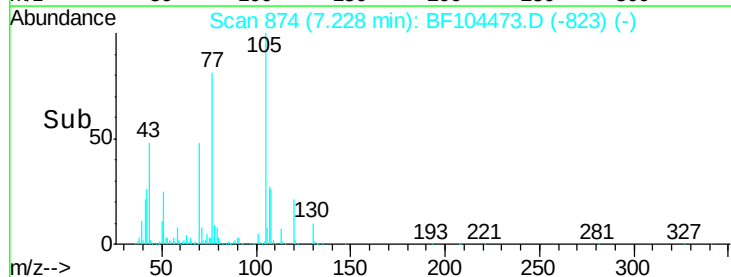
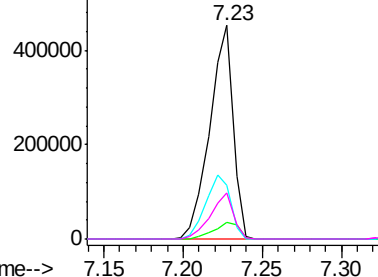


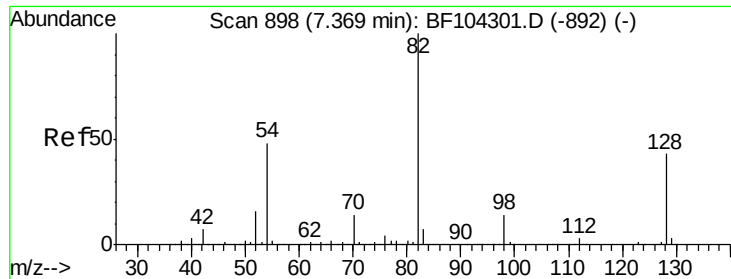
#22
Acetophenone
Concen: 35.787 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:105	Resp:	462993
Ion Ratio	Lower	Upper
105	100	
71	7.9	4.4 6.6#
51	25.0	22.3 33.5
120	21.5	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

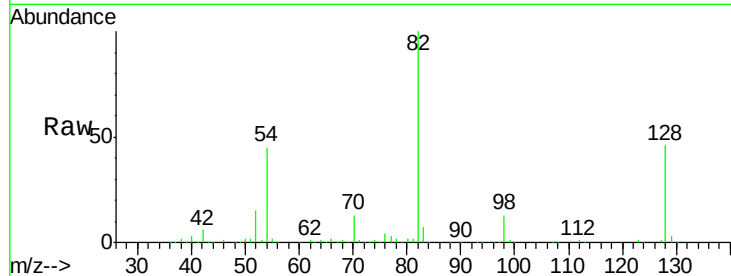




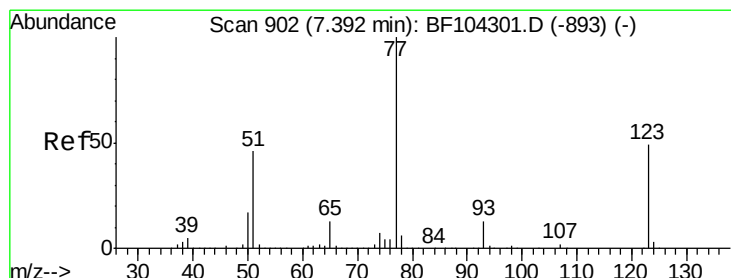
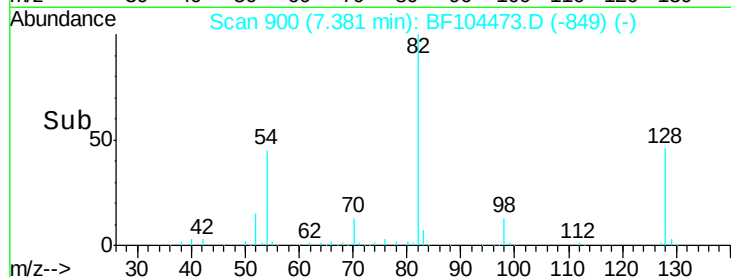
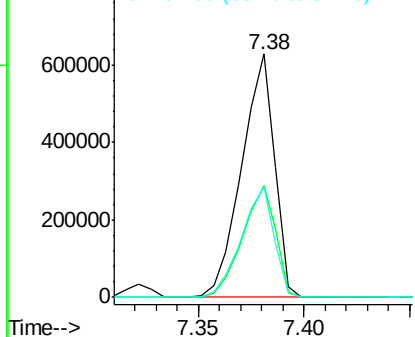
#23
Nitrobenzene-d5
Concen: 84.397 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 679200
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 45.4 41.4 62.2

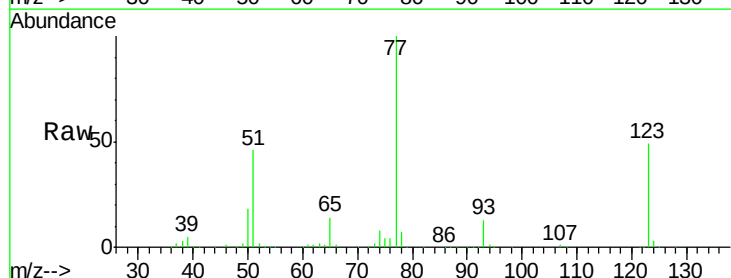


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

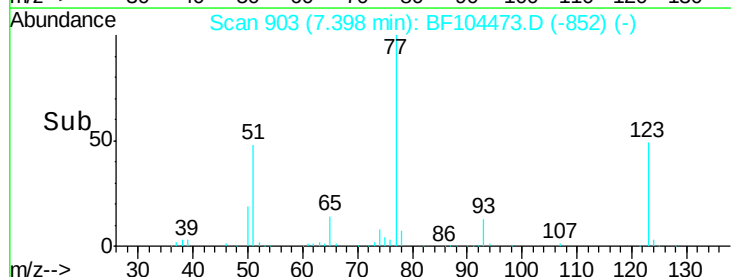
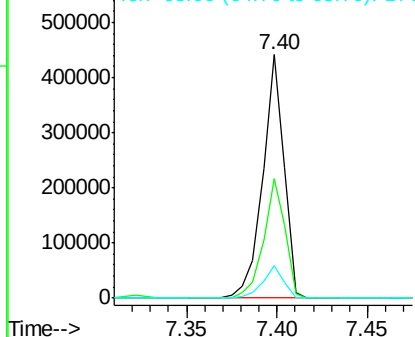


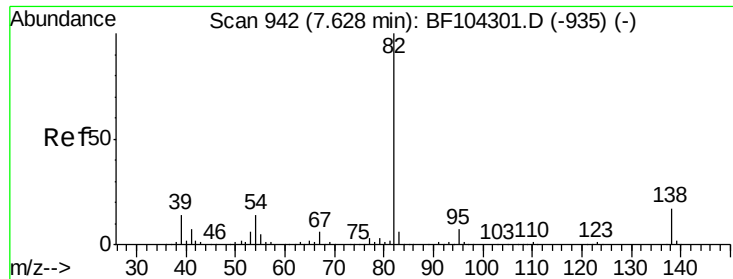
#24
Nitrobenzene
Concen: 40.505 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion: 77 Resp: 359895
Ion Ratio Lower Upper
77 100
123 48.9 37.9 56.9
65 13.5 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: 35.717 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

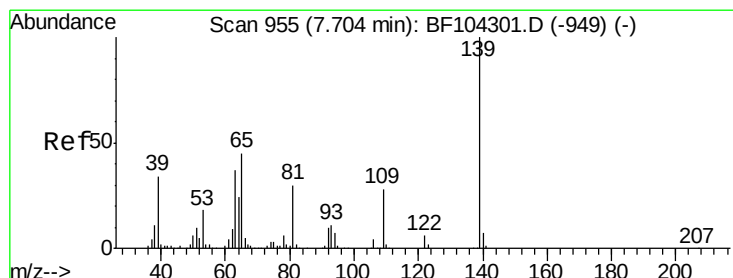
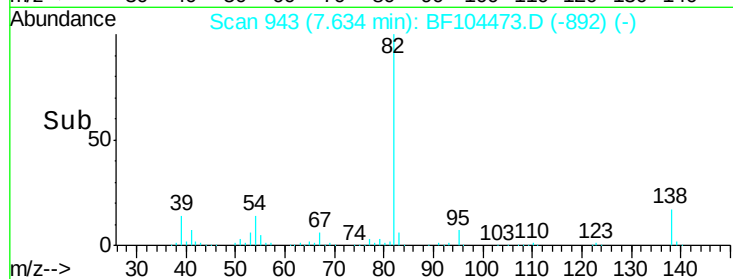
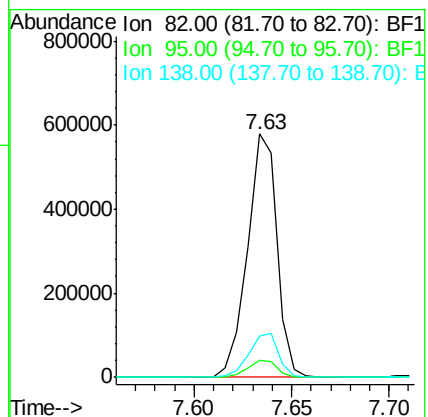
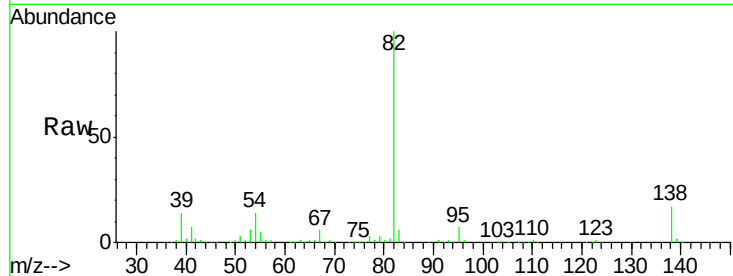
Tot Ion: 82 Resp: 607838

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 50.899 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

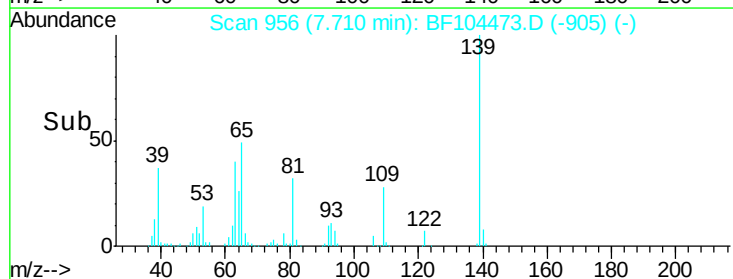
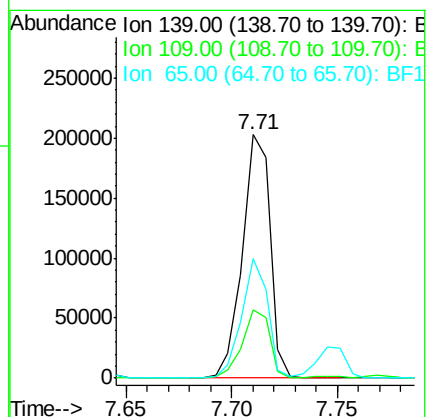
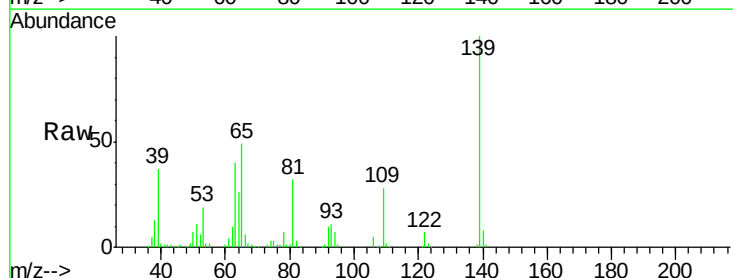
Tgt Ion: 139 Resp: 184112

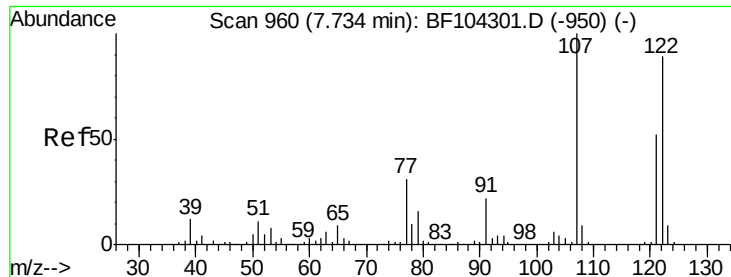
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 49.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.933 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

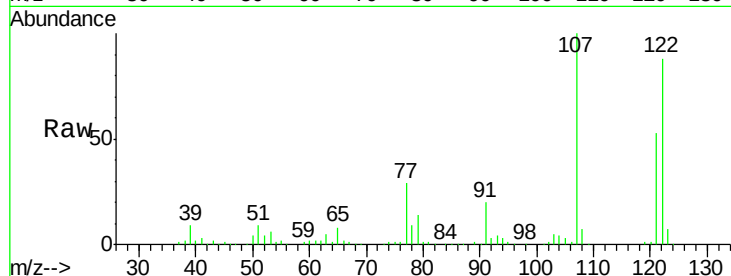
Tot Ion:122 Resp: 262369

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

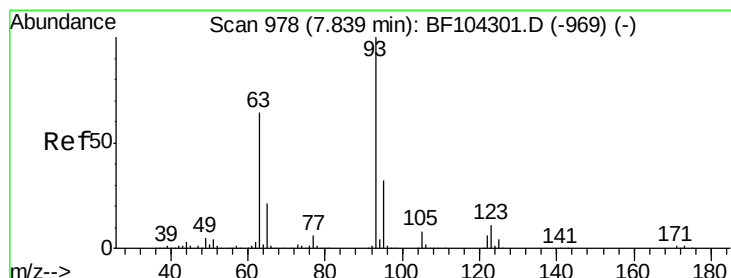
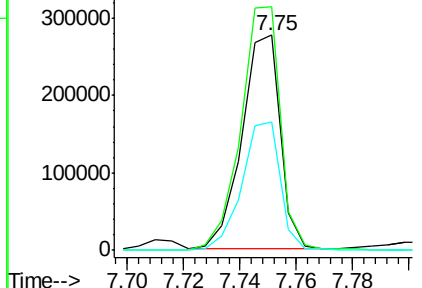
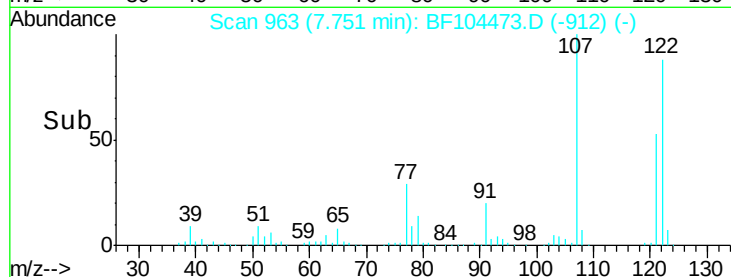
121 59.5 47.2 70.8



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: 36.202 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

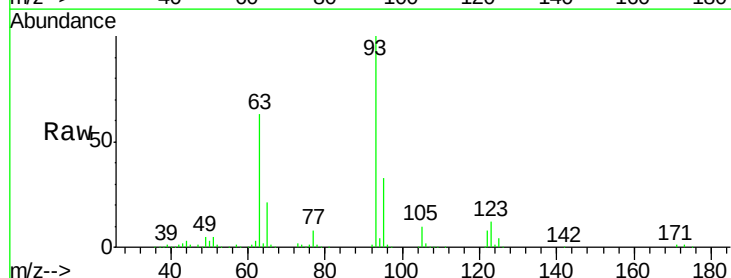
Tgt Ion: 93 Resp: 376686

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

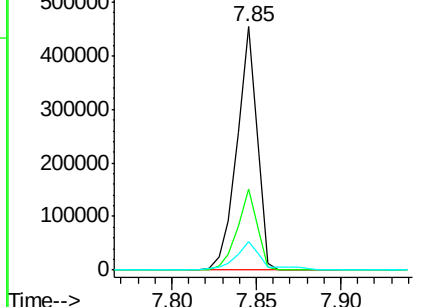
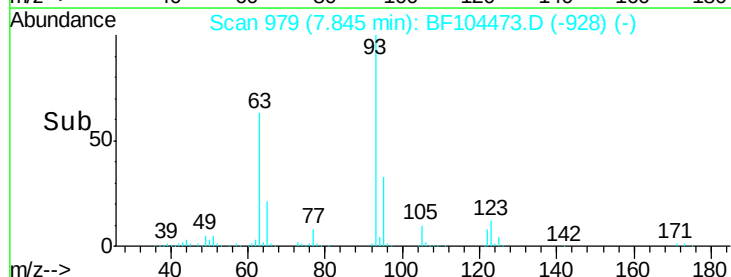
123 11.8 9.8 14.6

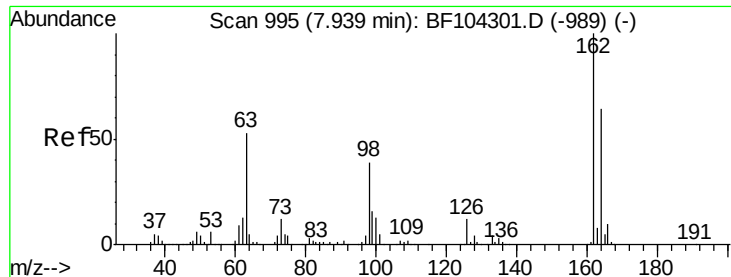


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

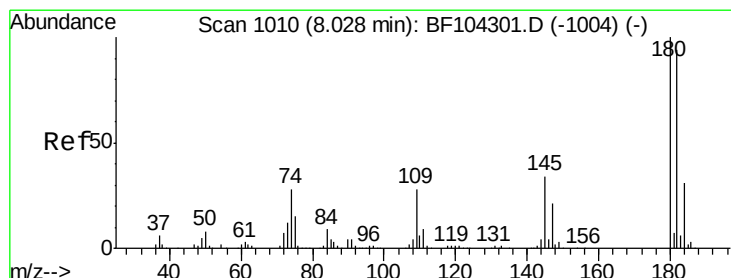
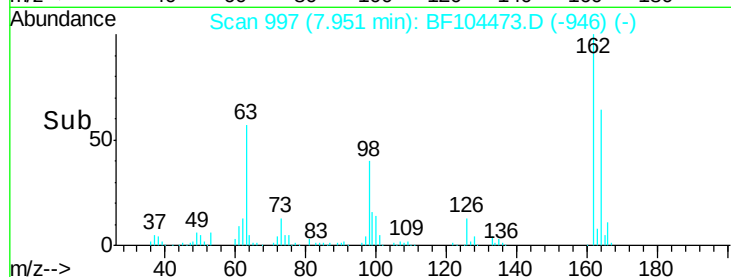
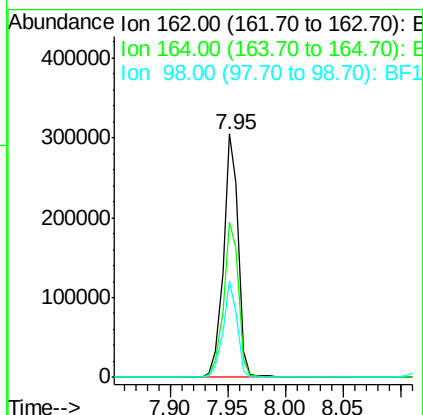
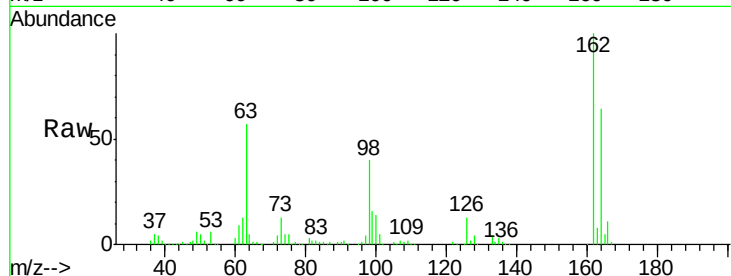




#29
 2,4-Dichlorophenol
 Concen: 37.706 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

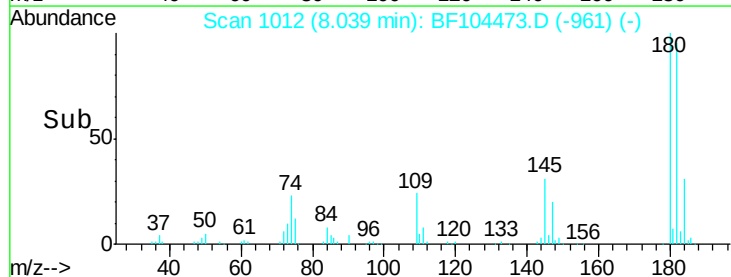
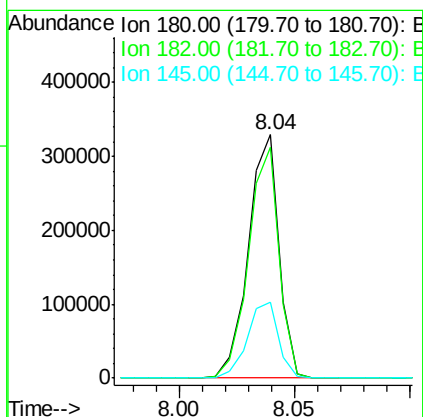
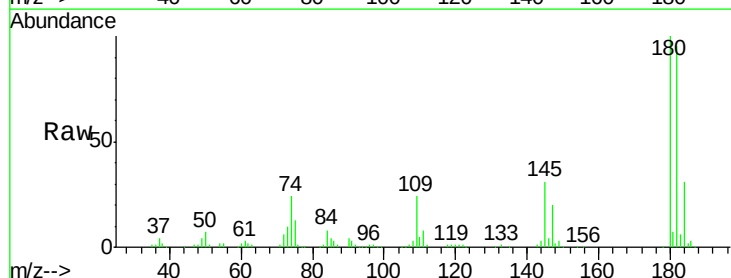
Instrument :
 BNA_F
 ClientSampleId :

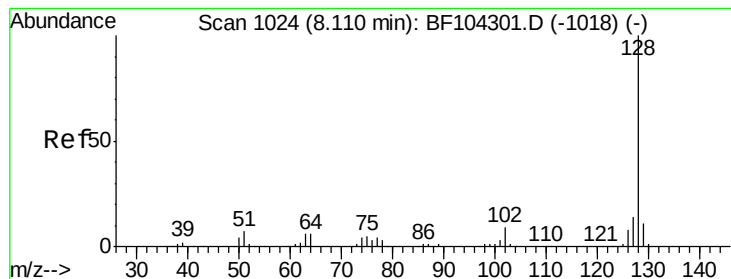
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	39.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.752 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	31.3	26.5	39.7





#31

Naphthalene

Concen: 37.340 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

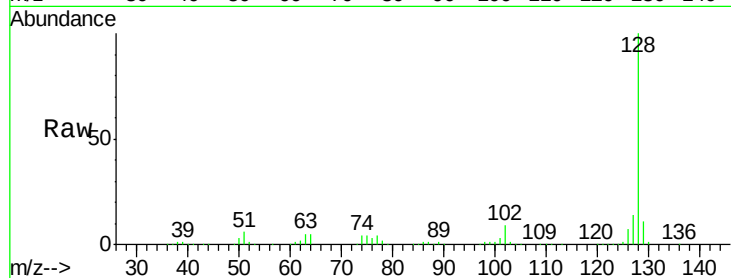
Tot Ion:128 Resp: 977069

Ion Ratio Lower Upper

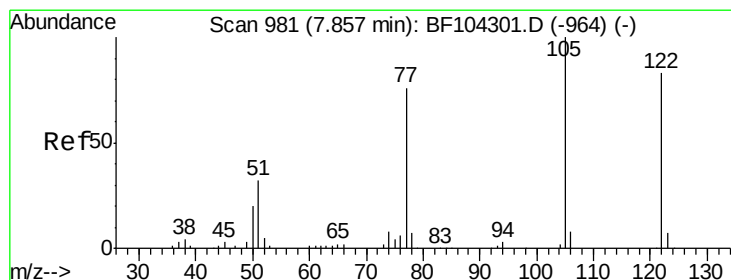
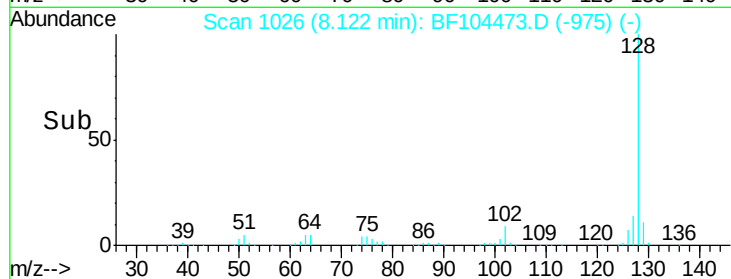
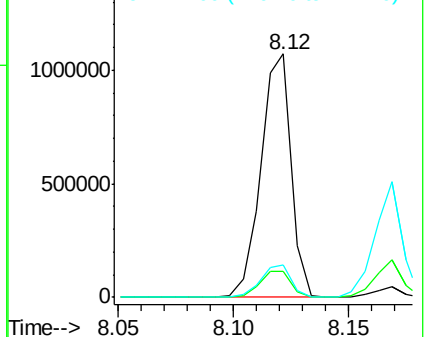
128 100

129 10.8 8.8 13.2

127 13.6 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: 32.633 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

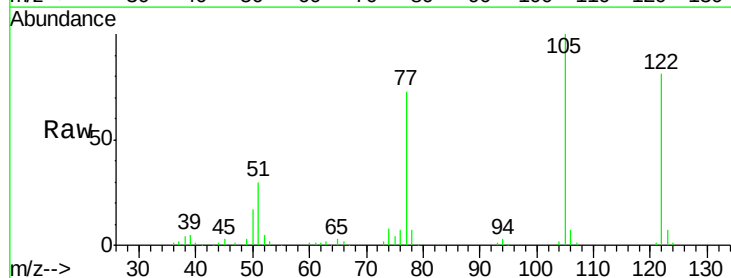
Tgt Ion:122 Resp: 195556

Ion Ratio Lower Upper

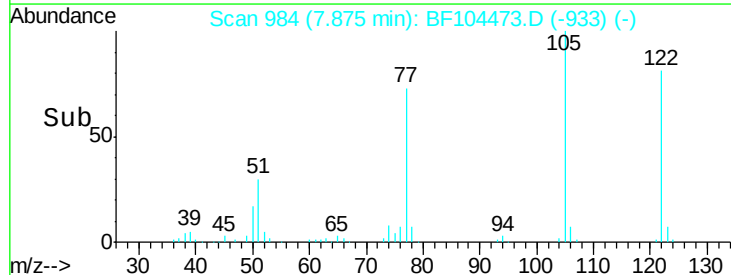
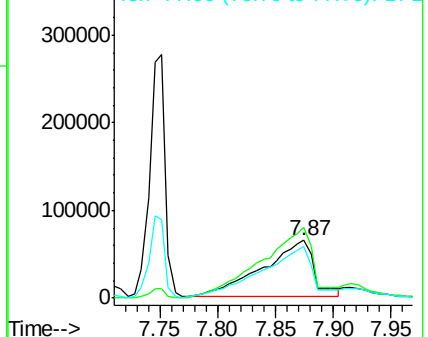
122 100

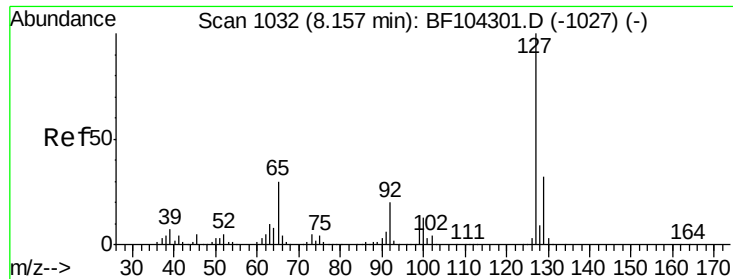
105 123.8 101.1 141.1

77 90.7 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

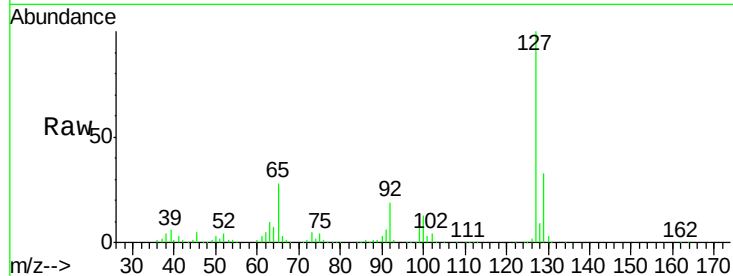




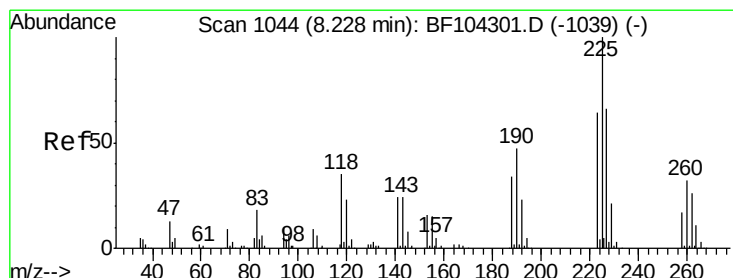
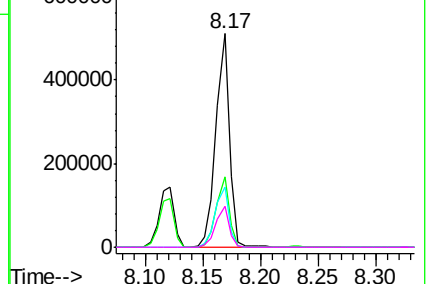
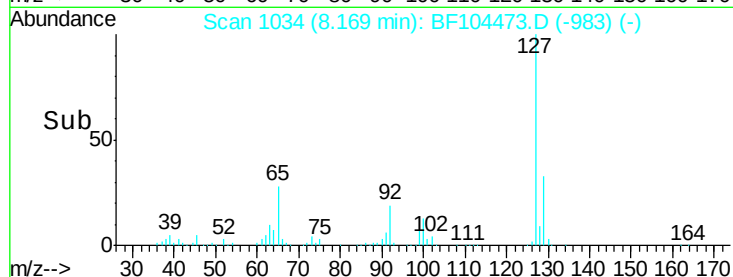
#33
4-Chloroaniline
Concen: 37.473 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	420086
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.3	25.0	37.4
92	19.4	15.2	22.8

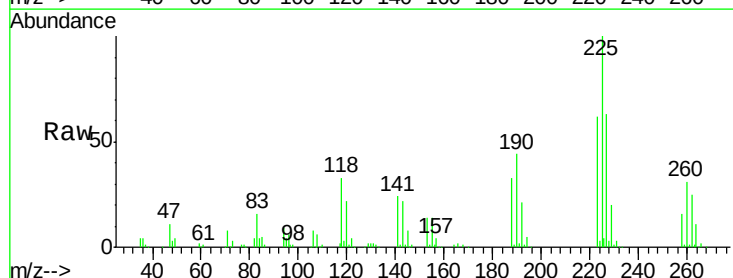


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

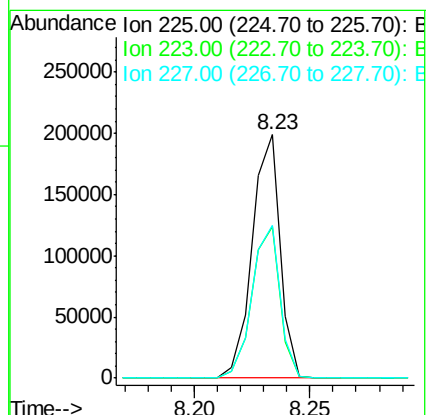
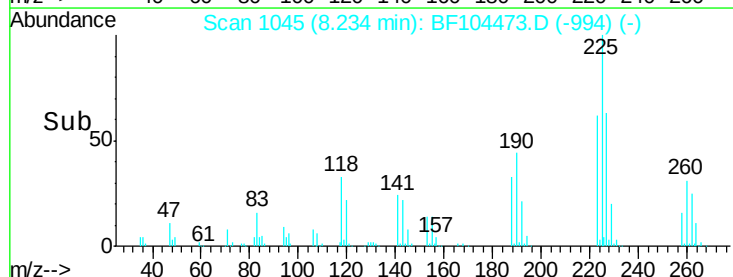


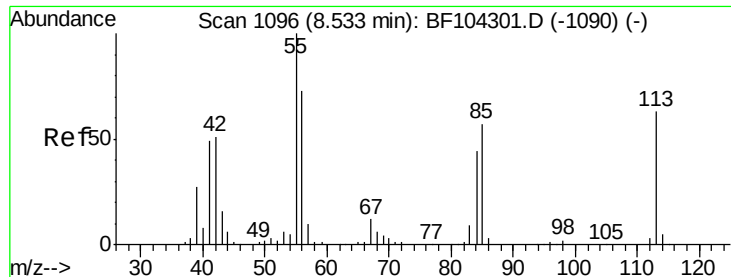
#34
Hexachlorobutadiene
Concen: 39.147 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:	225	Resp:	168636
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	62.7	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

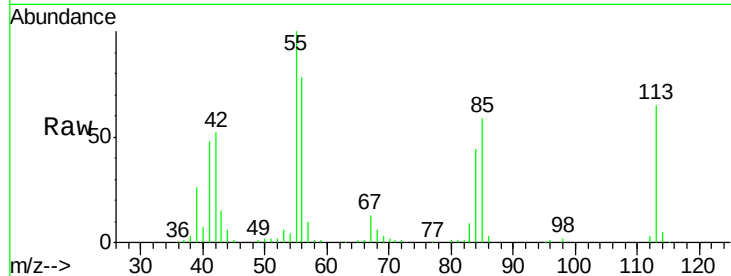




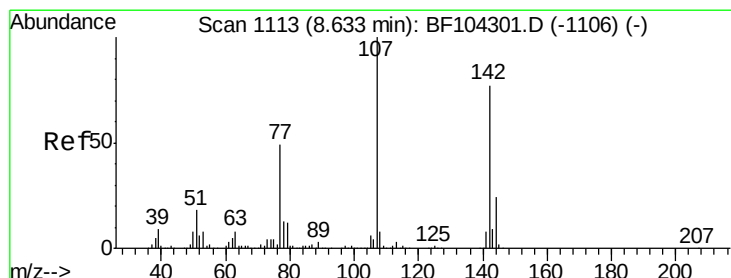
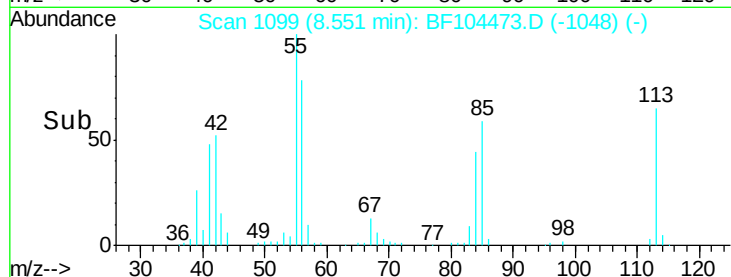
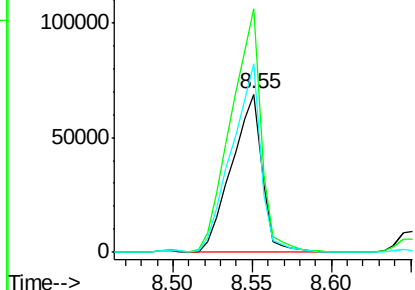
#35
Caprolactam
Concen: 36.816 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 92037
Ion Ratio Lower Upper
113 100
55 154.0 163.3 203.3#
56 119.5 115.7 155.7

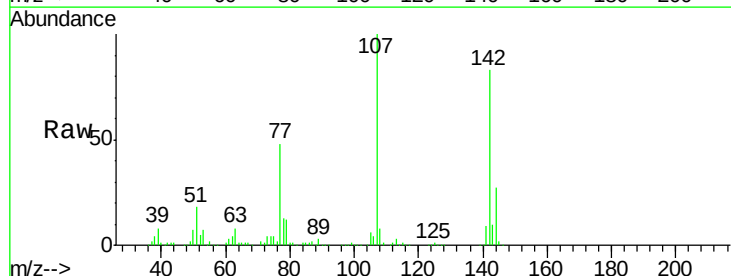


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

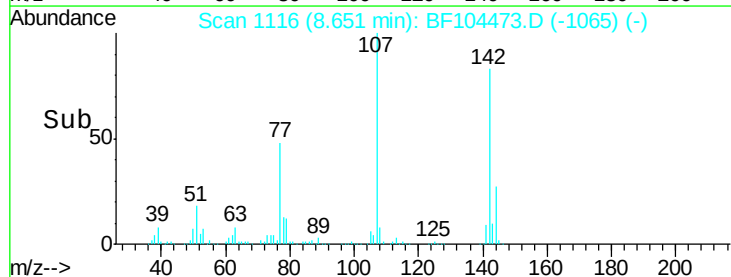
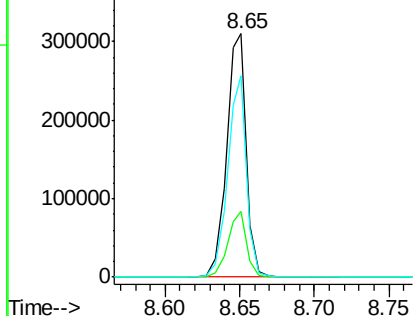


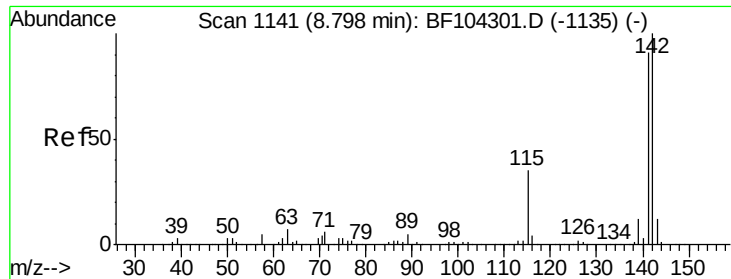
#36
4-Chloro-3-methylphenol
Concen: 37.664 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:107 Resp: 289411
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 82.5 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

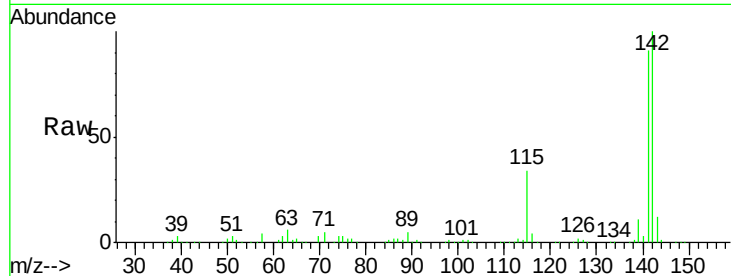




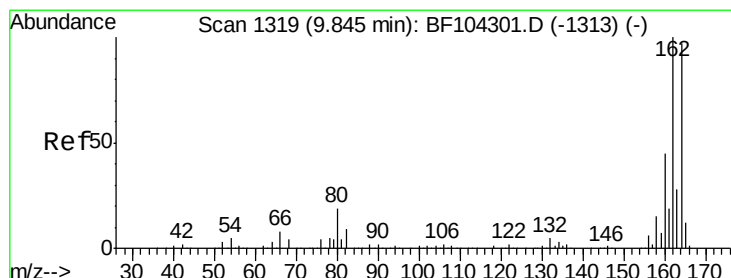
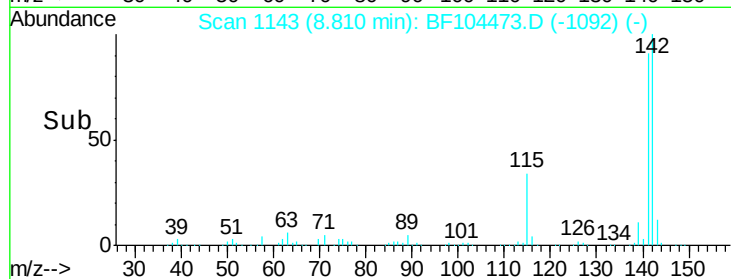
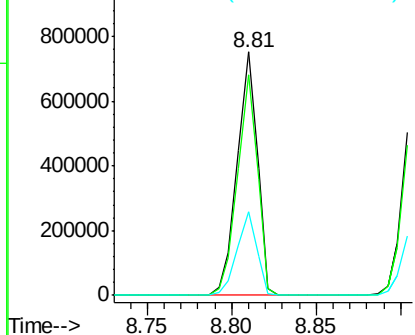
#37
2-Methylnaphthalene
Concen: 37.138 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 628604
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2
115 34.4 26.1 39.1

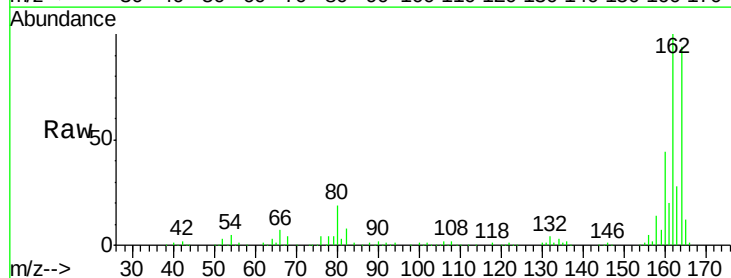


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

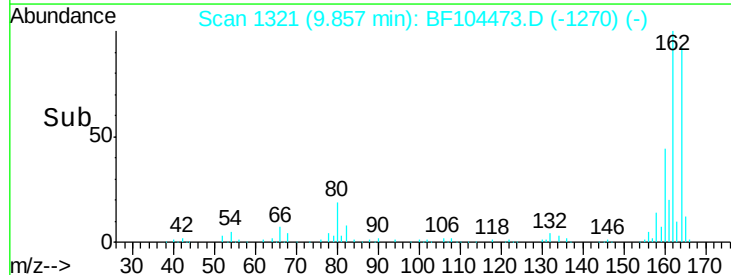
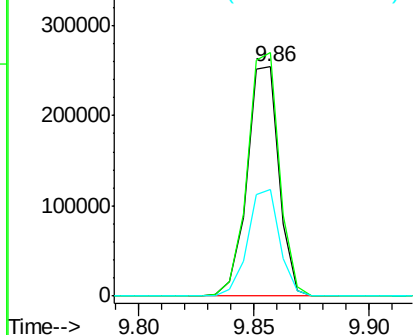


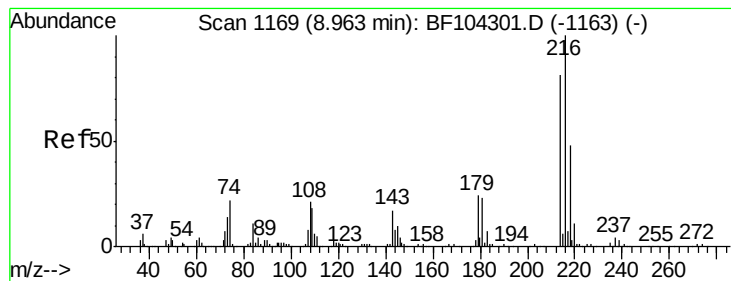
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:164 Resp: 246065
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.104 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104473.D

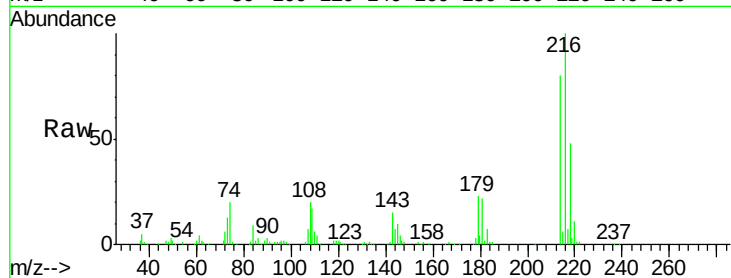
Acq: 13 Apr 2018 12:48

Instrument :

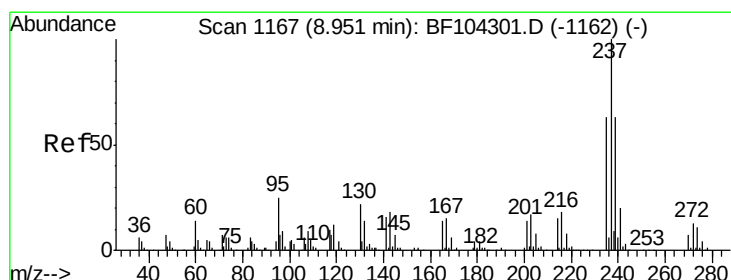
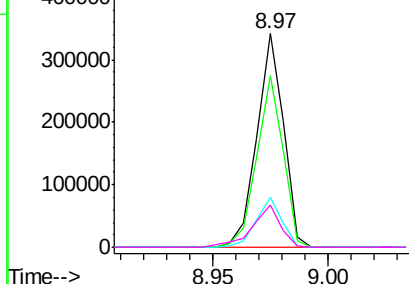
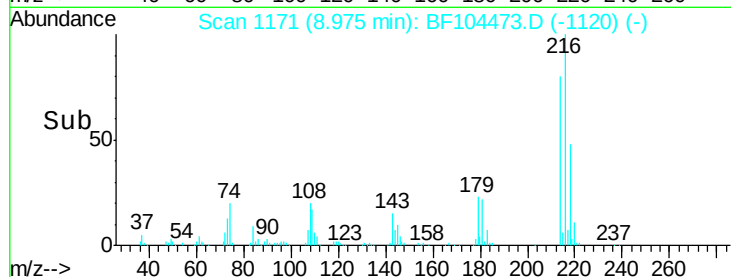
BNA_F

ClientSampled :

Tot Ion:	216	Resp:	275437
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.5	18.1	27.1
108	21.0	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: 36.713 ng

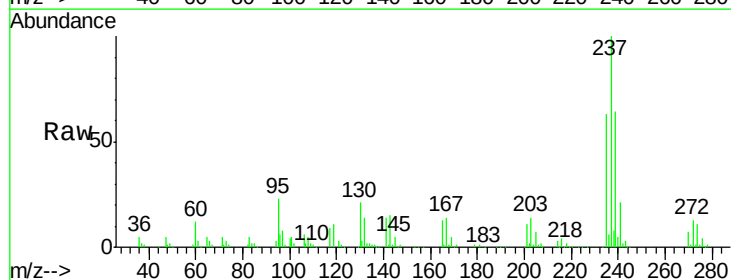
RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

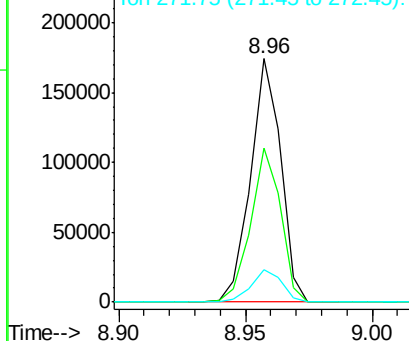
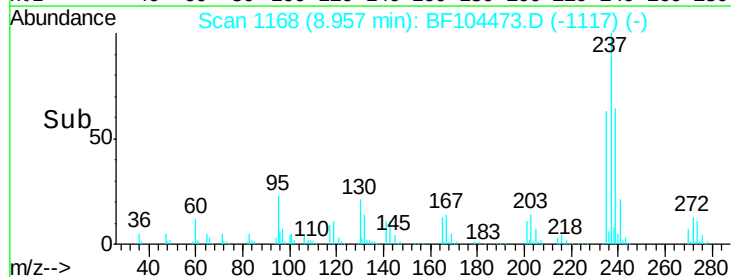
Lab File: BF104473.D

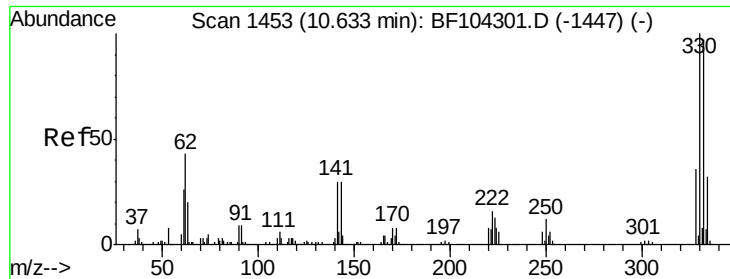
Acq: 13 Apr 2018 12:48

Tgt Ion:	237	Resp:	144772
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.1	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

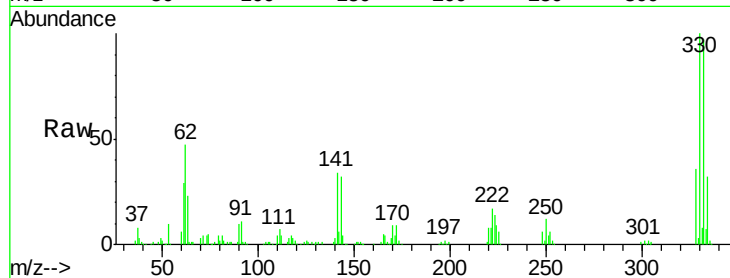




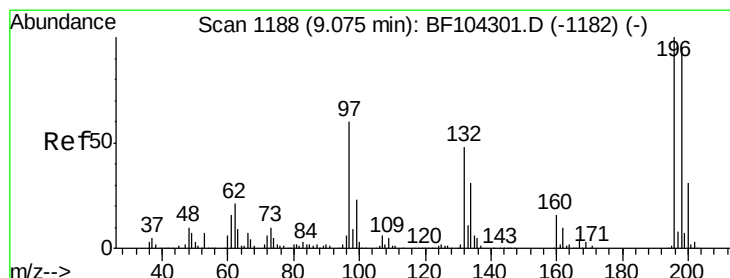
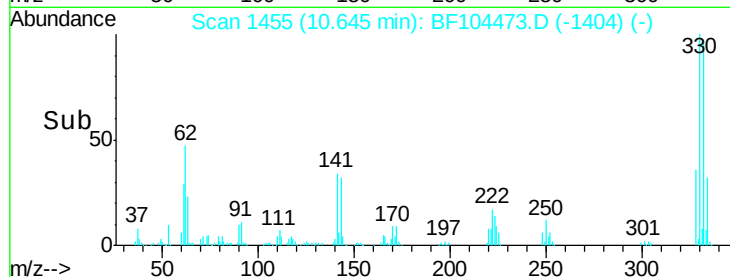
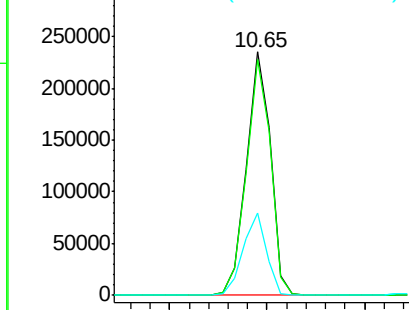
#41
 2,4,6-Tribromophenol
 Concen: 79.095 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.1	29.9	44.9

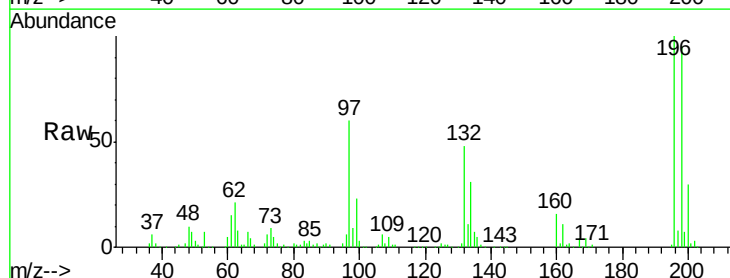


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

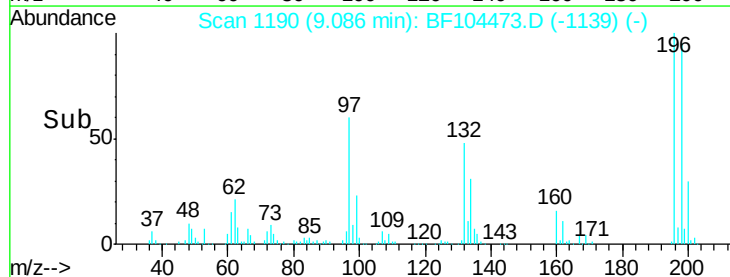
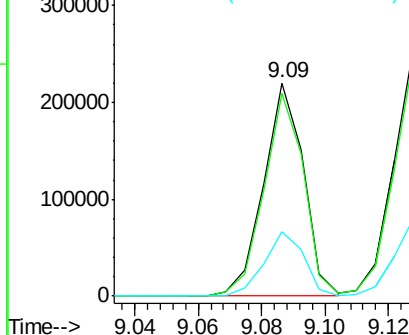


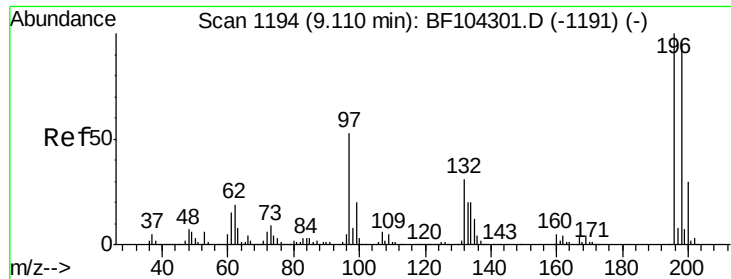
#42
 2,4,6-Trichlorophenol
 Concen: 39.132 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

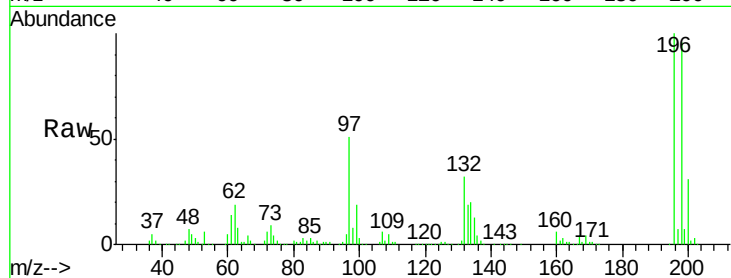




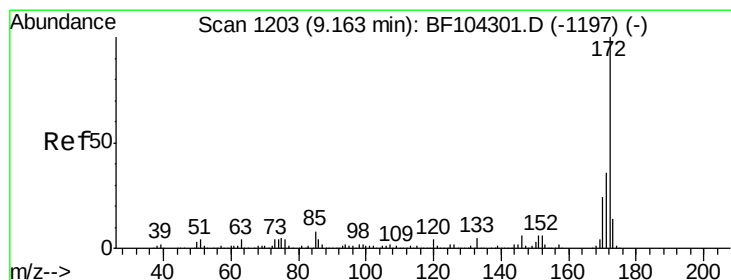
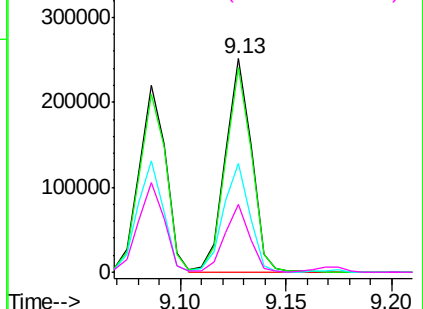
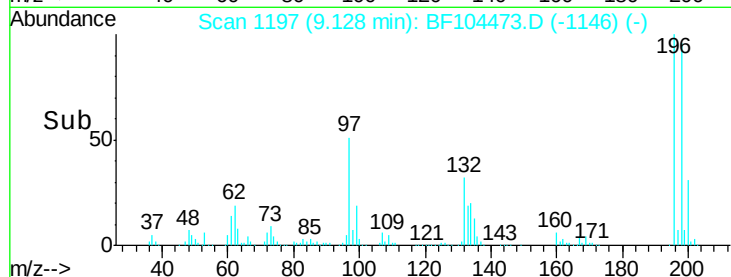
#43
 2,4,5-Trichlorophenol
 Concen: 39.314 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	215117
Ion Ratio	Lower	Upper
196 100		
198 96.0	74.6	112.0
97 51.2	42.9	64.3
132 31.9	26.3	39.5

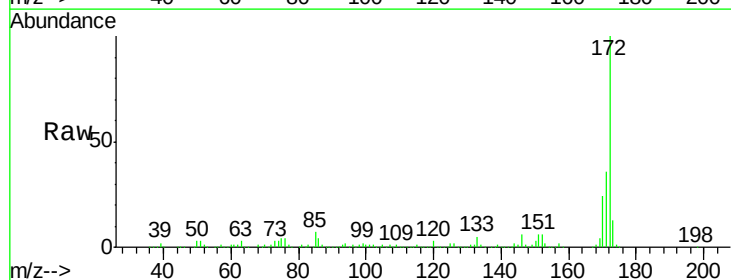


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

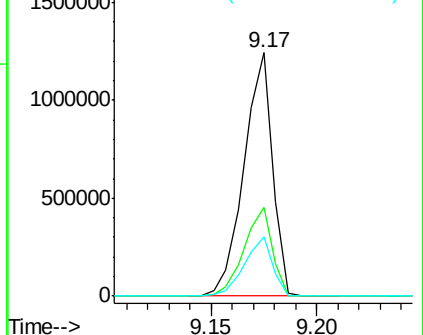
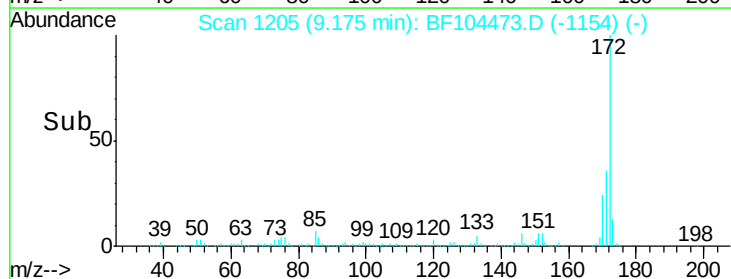


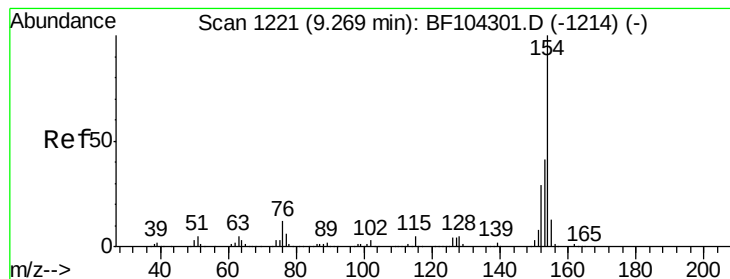
#44
 2-Fluorobiphenyl
 Concen: 74.748 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion	172	Resp: Lower	1164288 Upper
Ratio	100		
171	36.4	29.7	44.5
170	24.3	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: 37.306 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

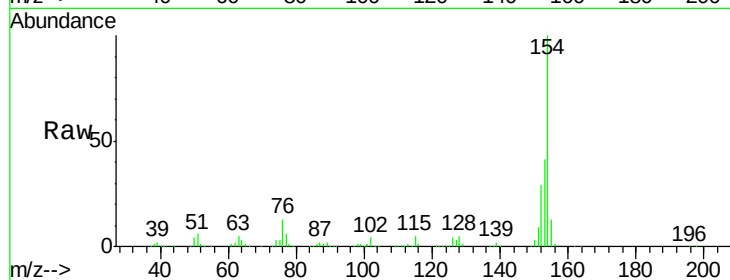
Tot Ion:154 Resp: 771156

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

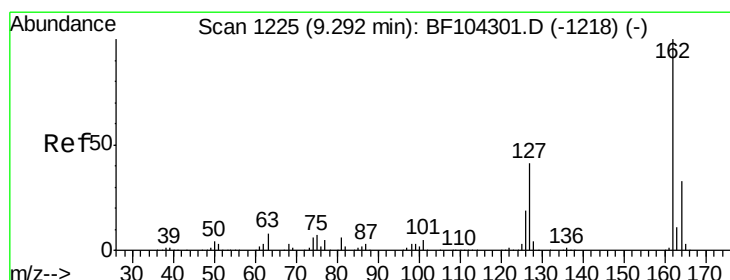
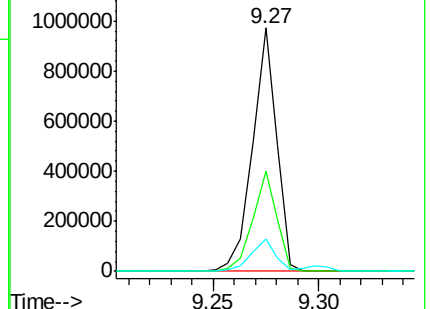
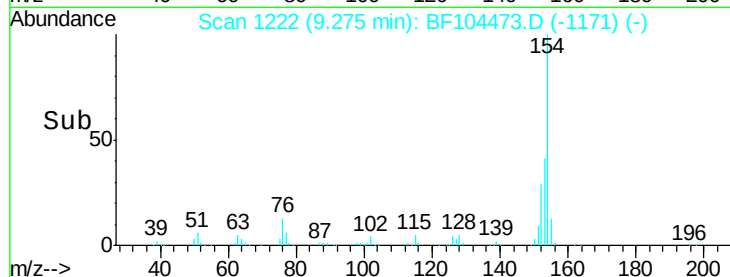
76 13.5 0.0 34.0



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: 37.777 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

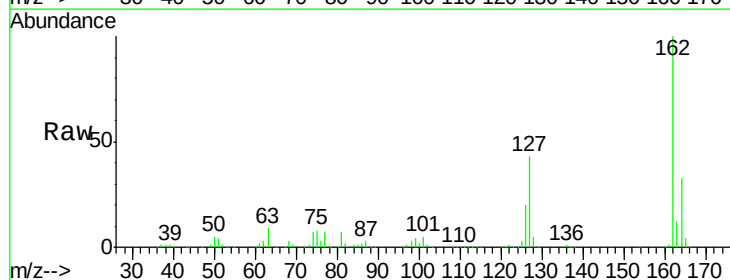
Tgt Ion:162 Resp: 616802

Ion Ratio Lower Upper

162 100

127 43.3 33.9 50.9

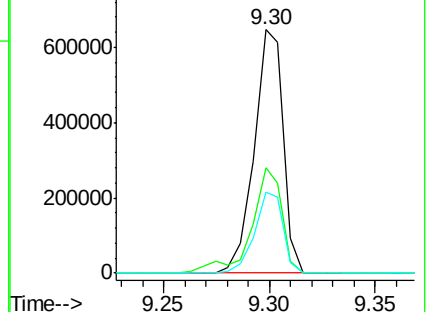
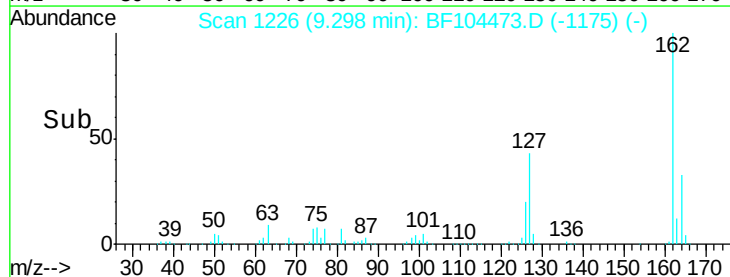
164 33.5 26.5 39.7

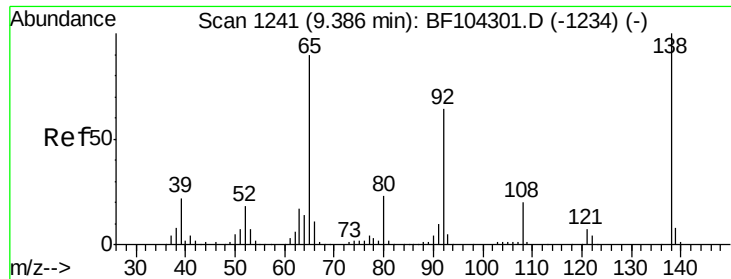


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

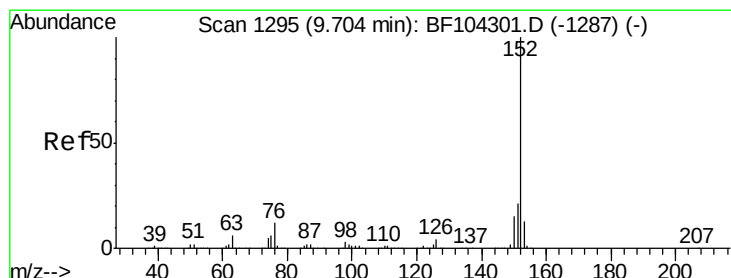
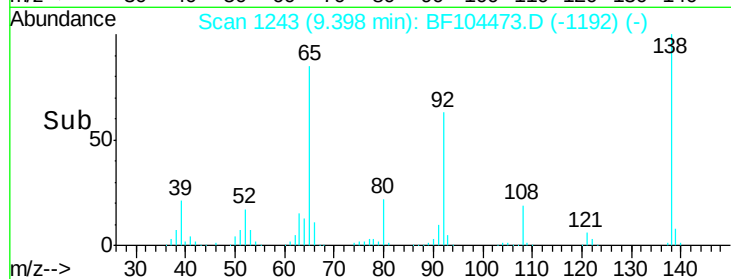
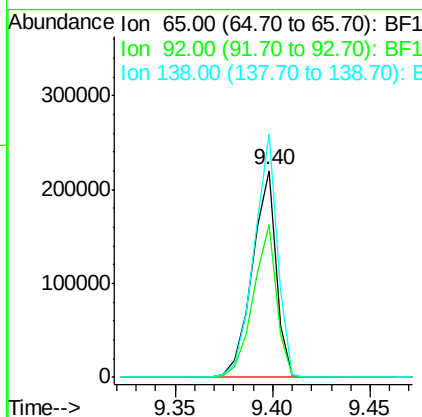
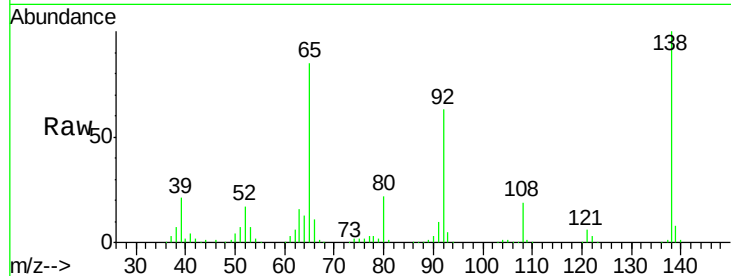




#47
 2-Nitroaniline
 Concen: 46.235 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

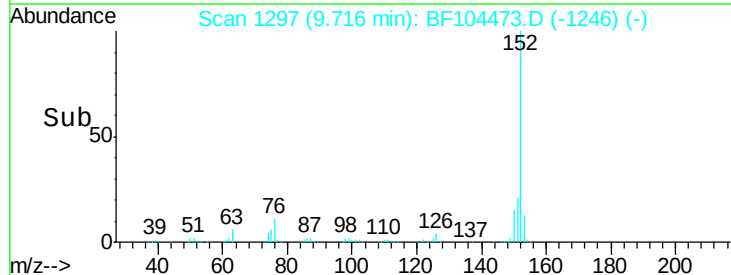
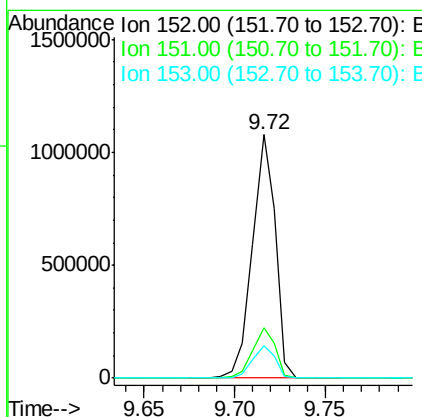
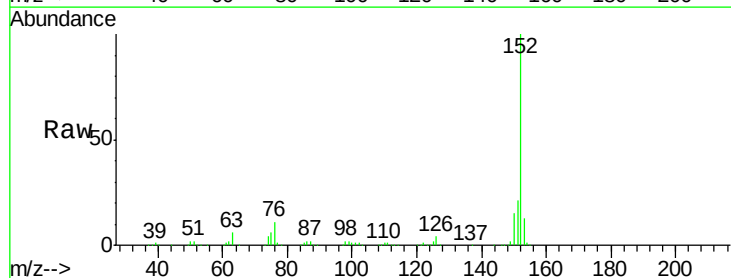
Instrument :
 BNA_F
 ClientSampleId :

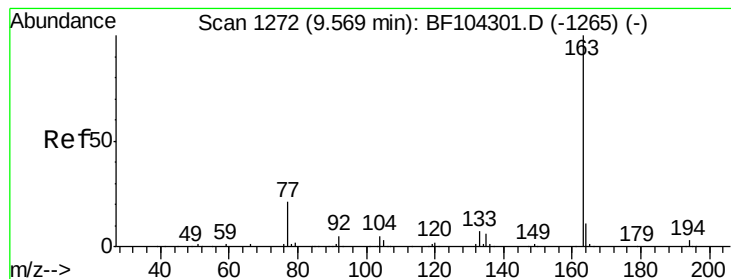
Tot Ion: 65 Resp: 186690
 Ion Ratio Lower Upper
 65 100
 92 74.0 55.8 83.6
 138 117.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.061 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:152 Resp: 949404
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 38.107 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

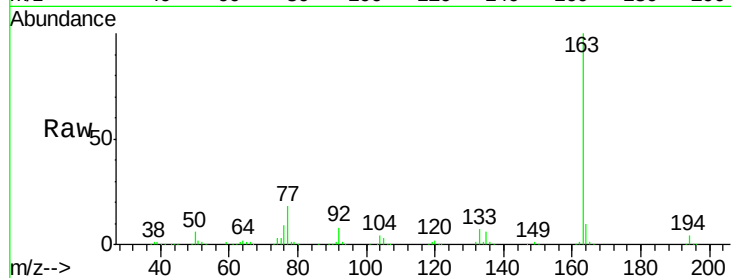
Tot Ion:163 Resp: 739427

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

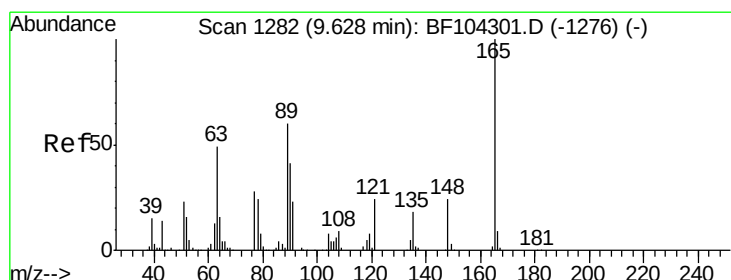
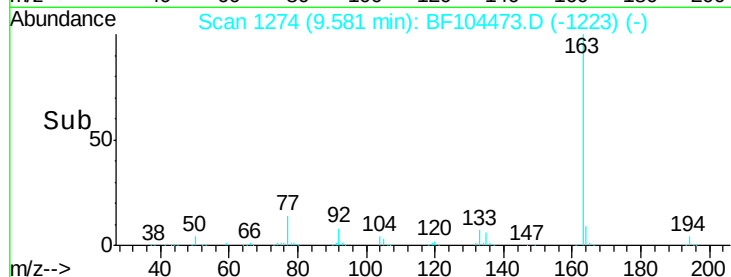
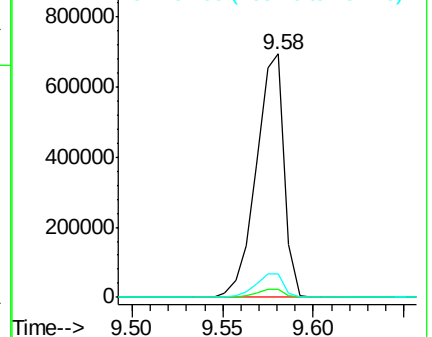
164 9.8 8.2 12.2



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: 45.059 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

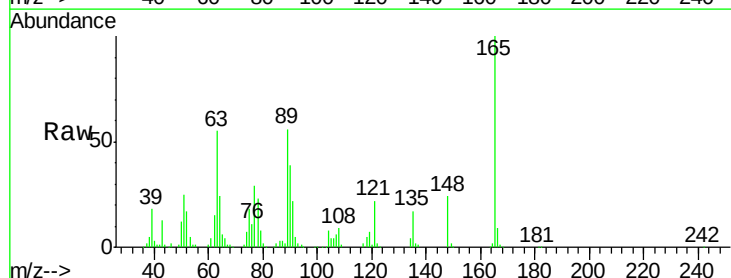
Tgt Ion:165 Resp: 161786

Ion Ratio Lower Upper

165 100

63 54.8 44.7 67.1

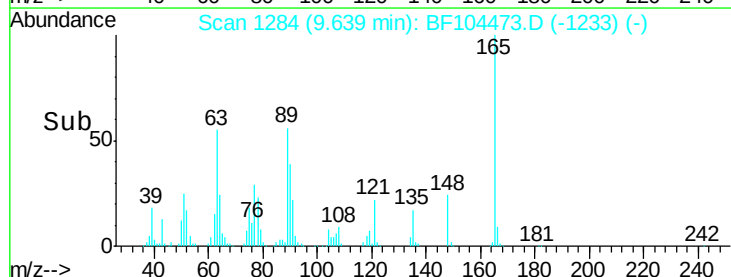
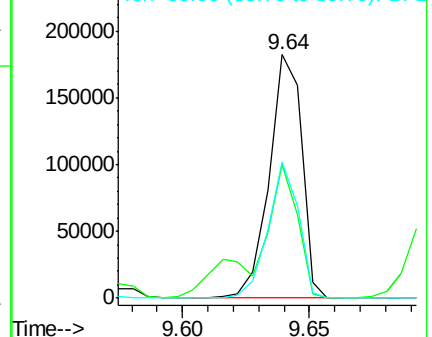
89 56.1 44.0 66.0

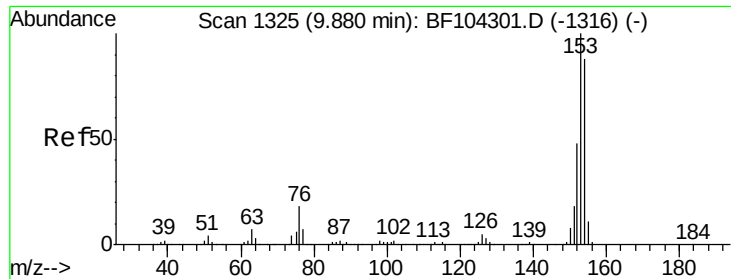


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.440 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

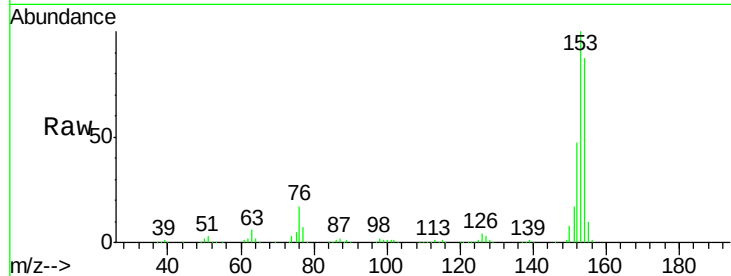
Tot Ion:154 Resp: 553936

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

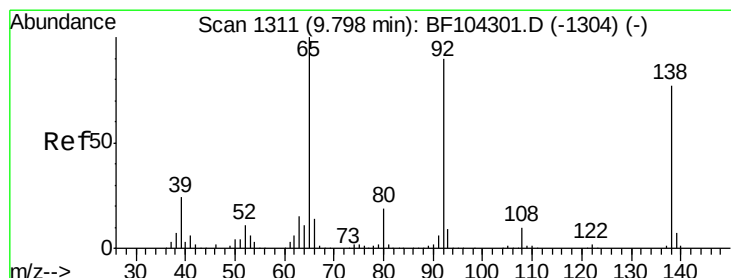
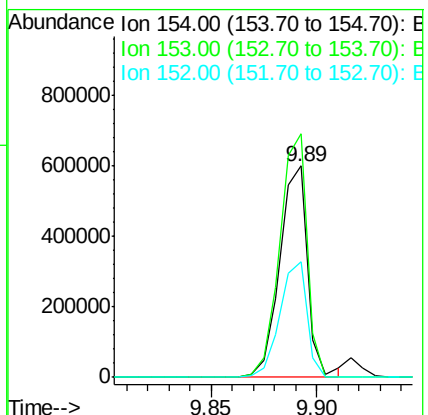
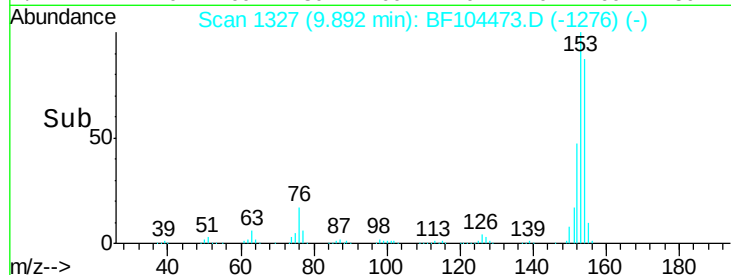
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.104 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

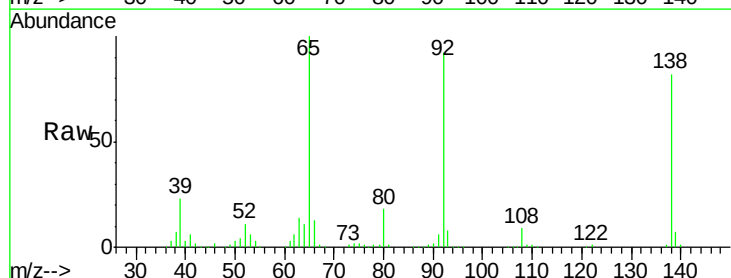
Tgt Ion:138 Resp: 189593

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

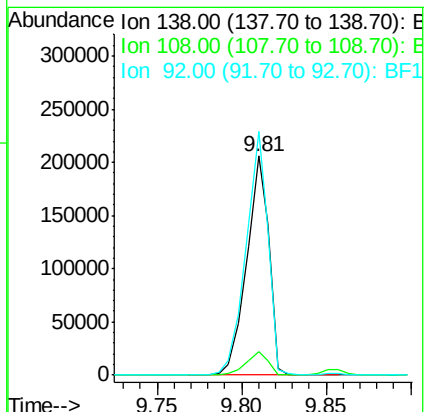
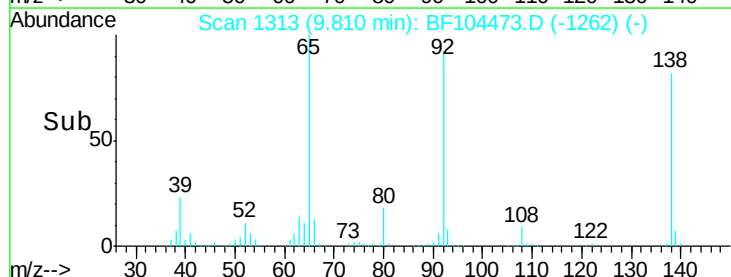
92 111.3 89.4 134.2

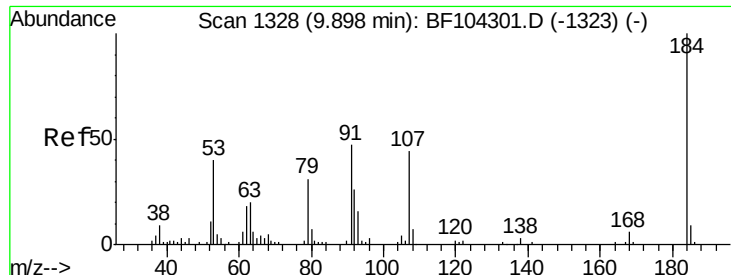


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

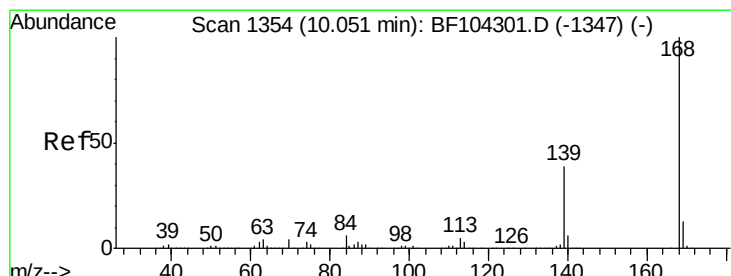
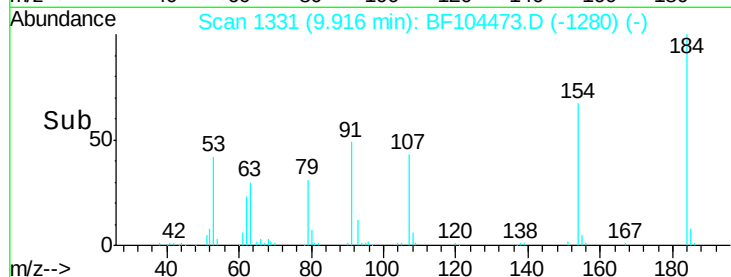
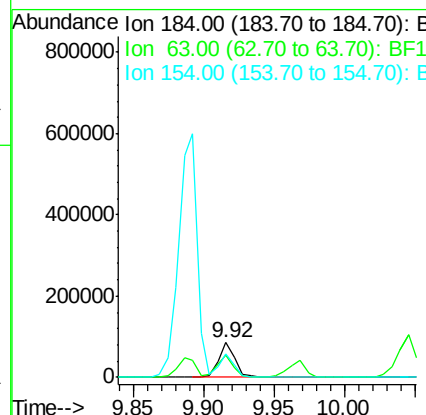
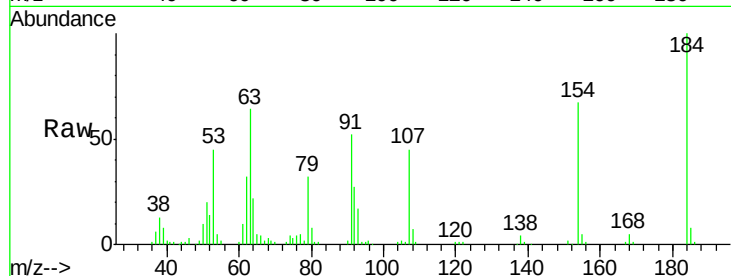




#53
 2,4-Dinitrophenol
 Concen: 55.263 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

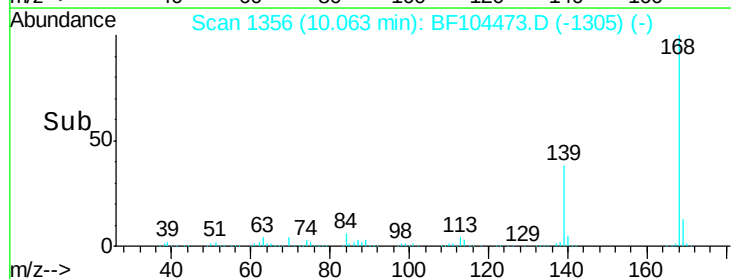
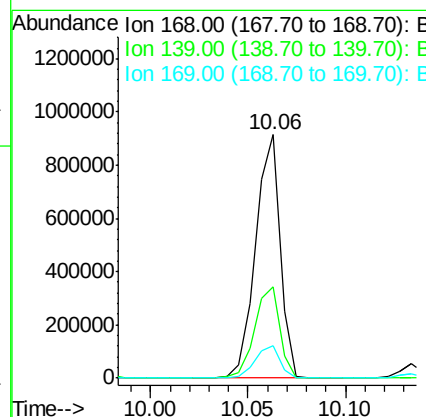
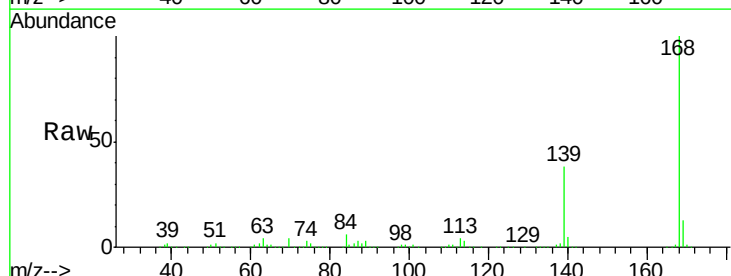
Instrument :
 BNA_F
 ClientSampled :

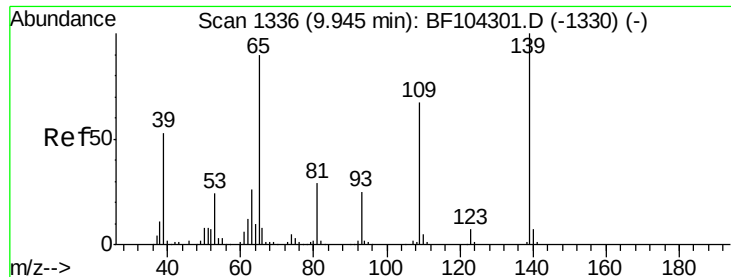
Tot Ion:184 Resp: 69383
 Ion Ratio Lower Upper
 184 100
 63 64.1 54.2 81.2
 154 67.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.729 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:168 Resp: 800030
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 13.1 10.9 16.3





#55

4-Nitrophenol

Concen: 40.817 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampled :

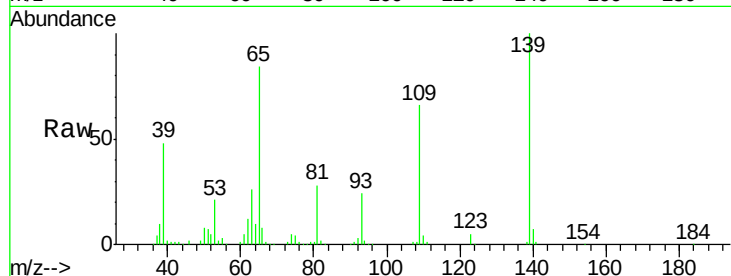
Tot Ion:139 Resp: 134774

Ion Ratio Lower Upper

139 100

109 65.5 48.4 88.4

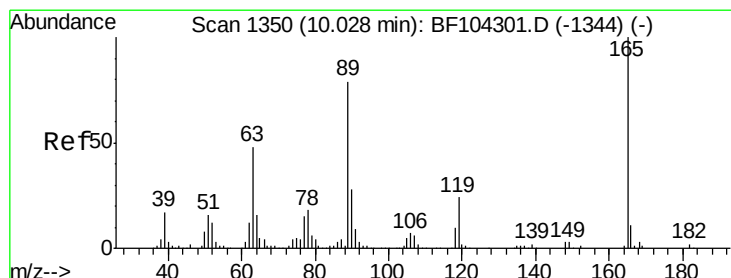
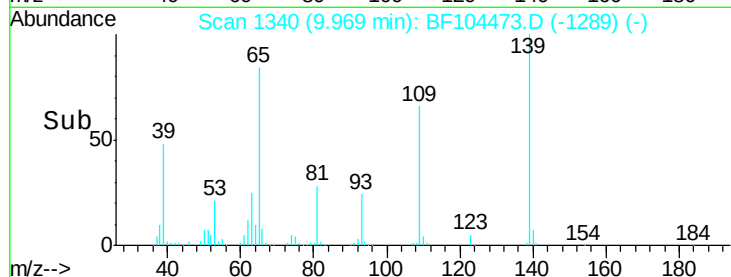
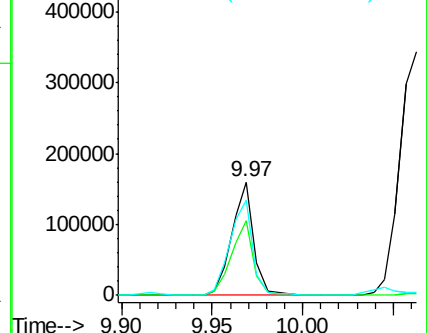
65 84.4 72.6 112.6



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: 44.971 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Tgt Ion:165 Resp: 211799

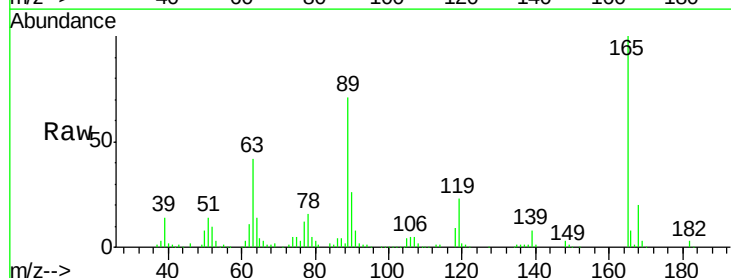
Ion Ratio Lower Upper

165 100

63 41.6 36.4 54.6

89 70.5 57.8 86.6

182 2.6 1.6 2.4#

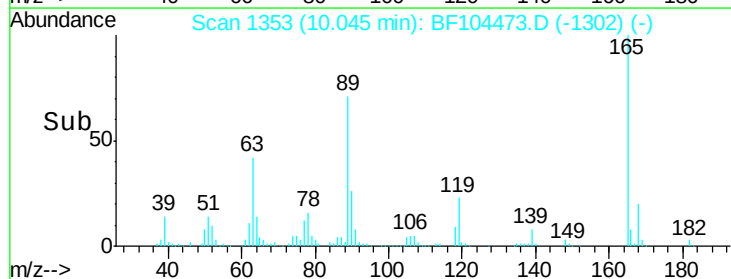
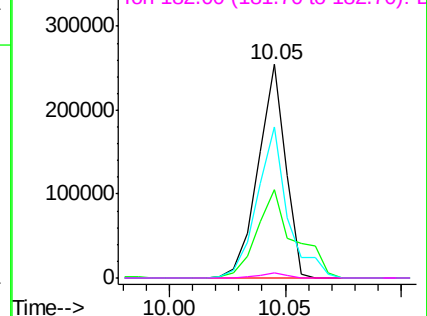


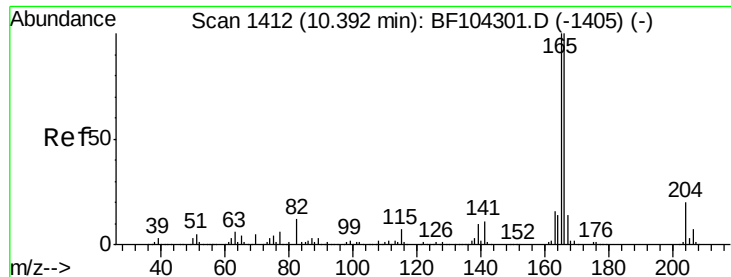
Abundance Ion 165.00 (164.70 to 165.70): E

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

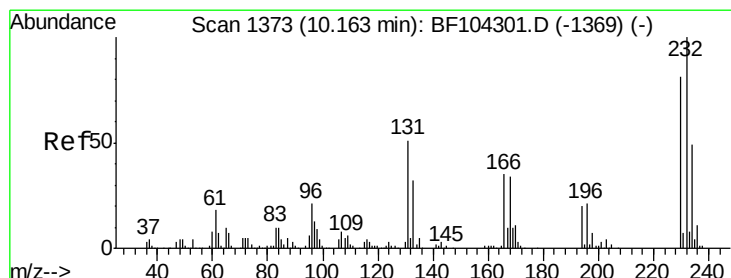
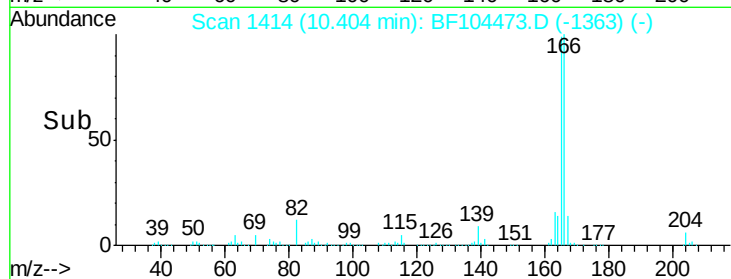
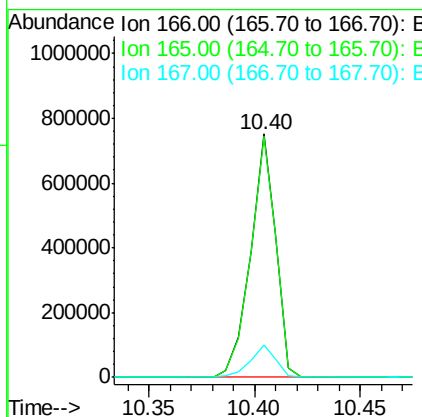
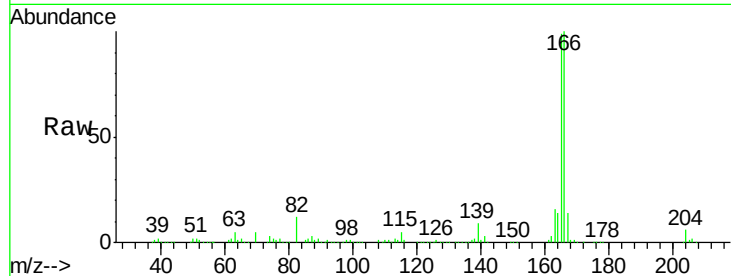




#57
 Fluorene
 Concen: 39.138 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

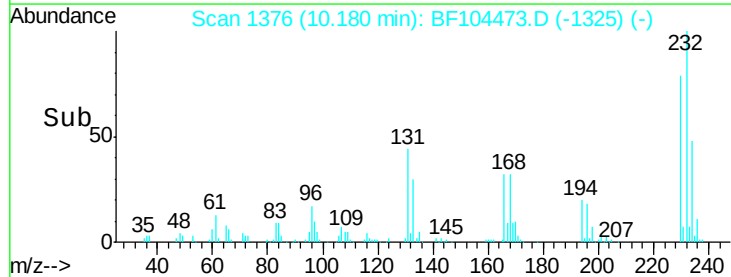
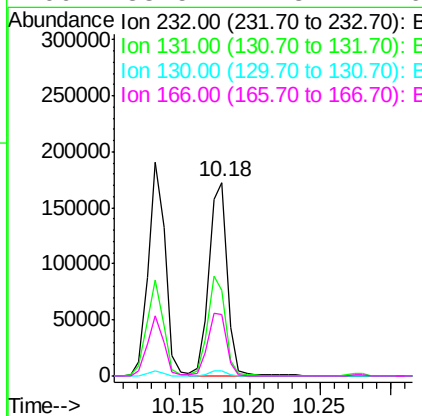
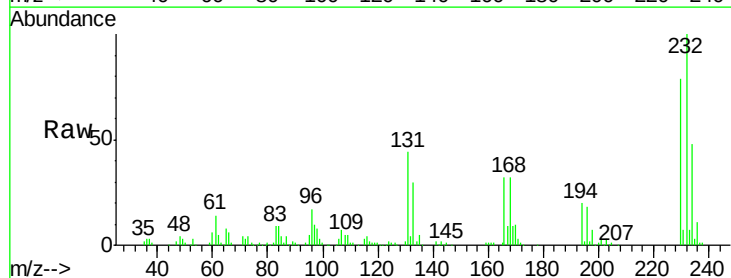
Instrument :
 BNA_F
 ClientSampleId :

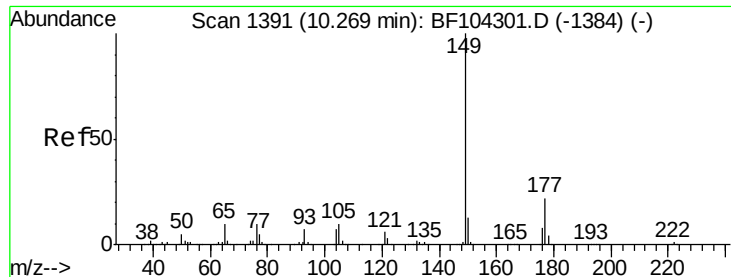
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.475 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.0	43.8	65.8
130	2.6	2.1	3.1
166	33.5	27.8	41.6

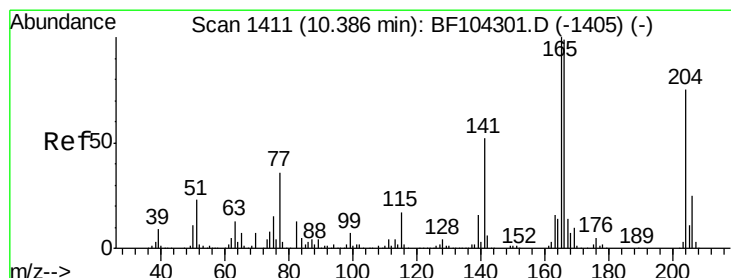
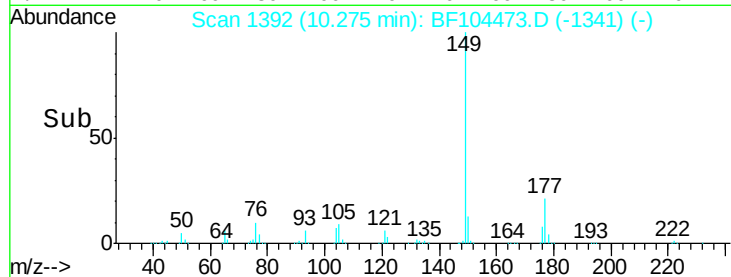
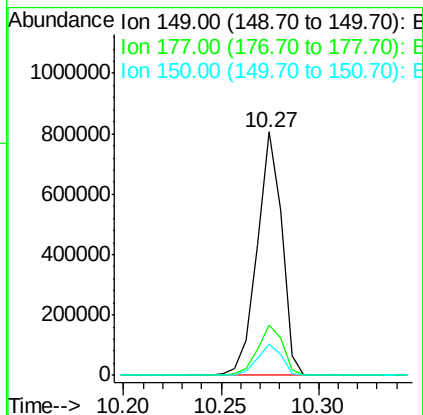
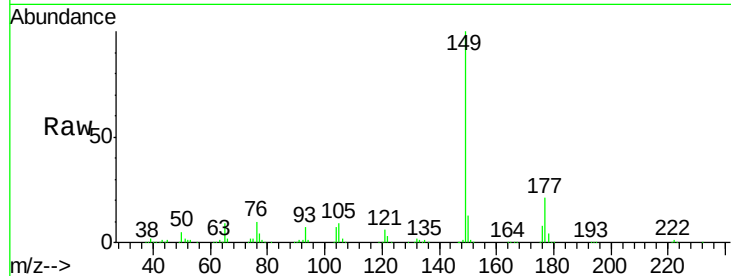




#59
Diethylphthalate
Concen: 36.531 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

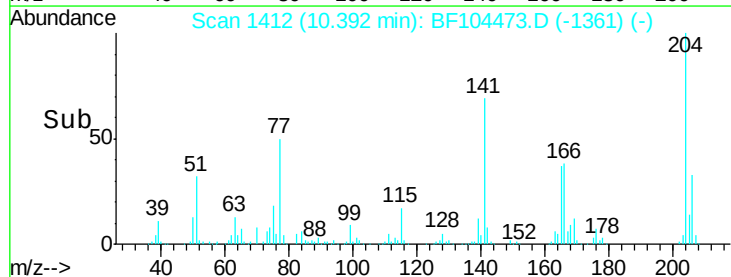
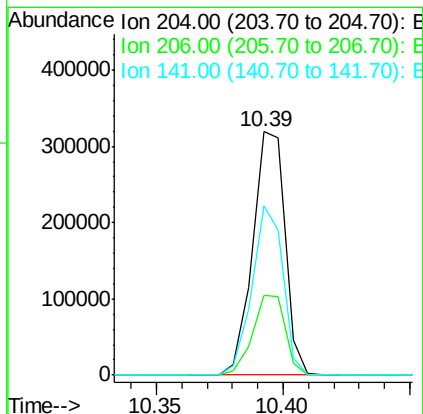
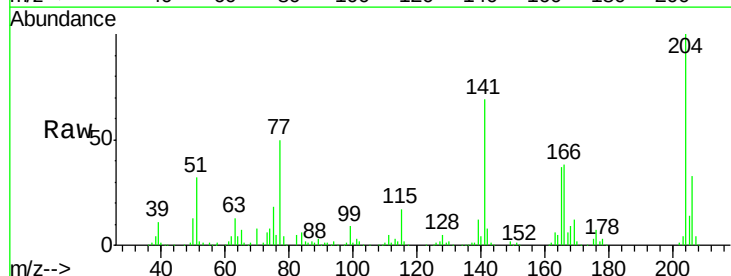
Instrument :
BNA_F
ClientSampled :

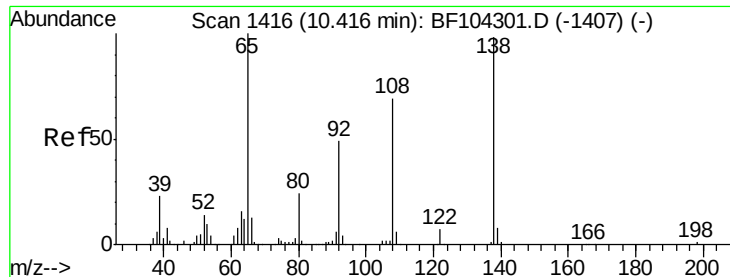
Tot Ion:149 Resp: 705972
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.371 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:204 Resp: 285051
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 69.4 54.6 81.8

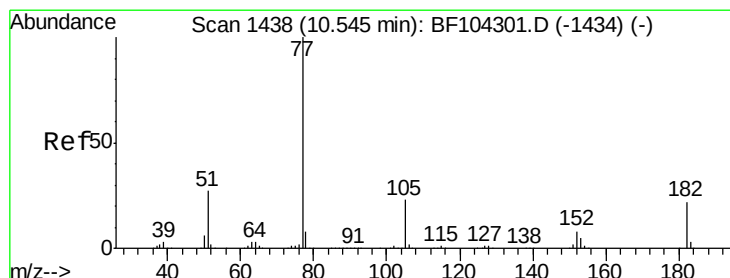
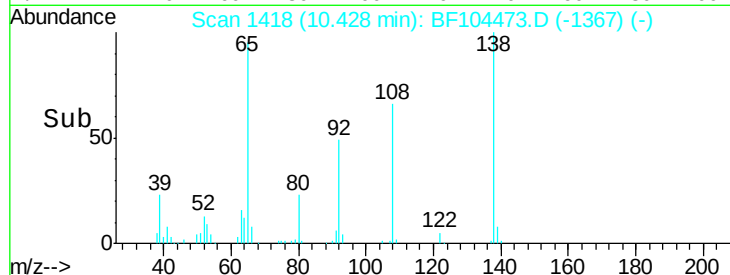
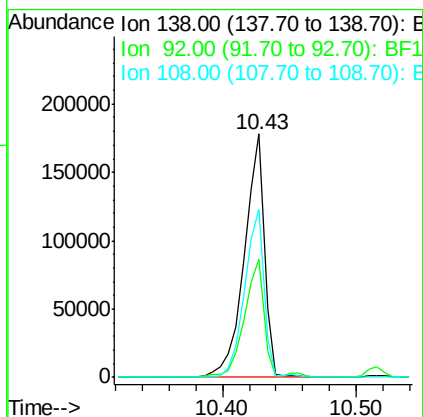
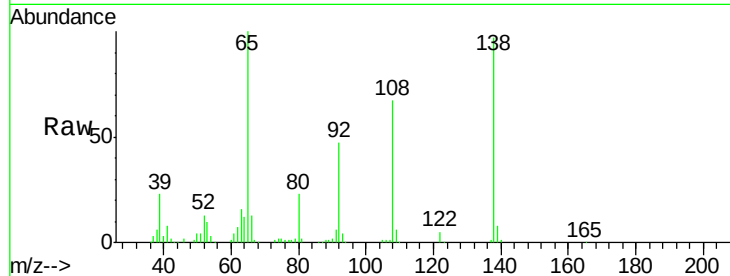




#61
4-Nitroaniline
Concen: 44.989 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

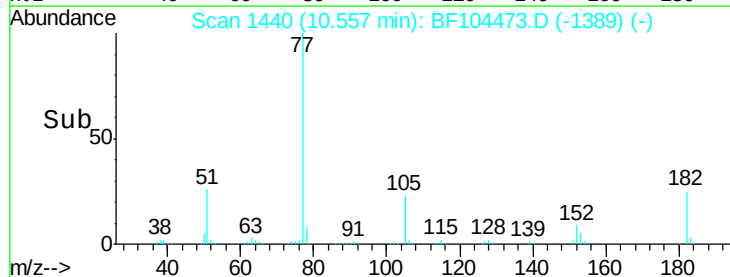
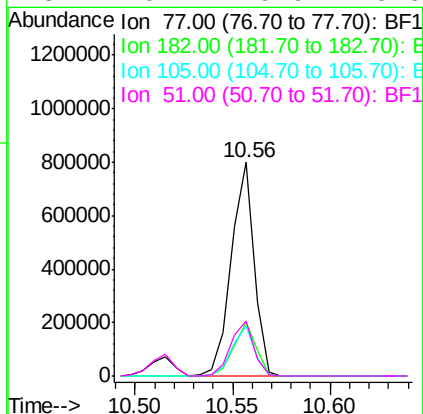
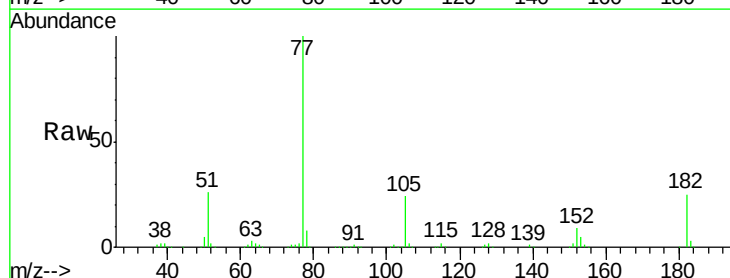
Instrument :
BNA_F
ClientSampled :

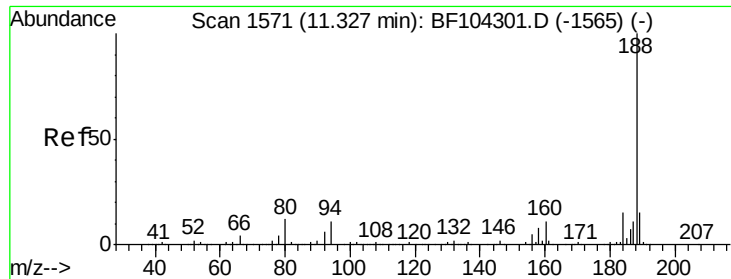
Tot Ion:138 Resp: 184904
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 69.0 52.5 92.5



#62
Azobenzene
Concen: 35.040 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion: 77 Resp: 646948
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 23.5 3.0 43.0
51 26.1 9.9 49.9

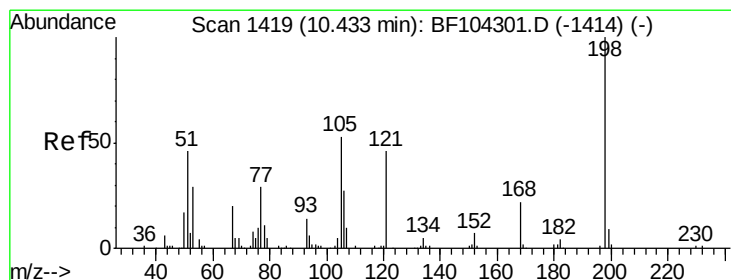
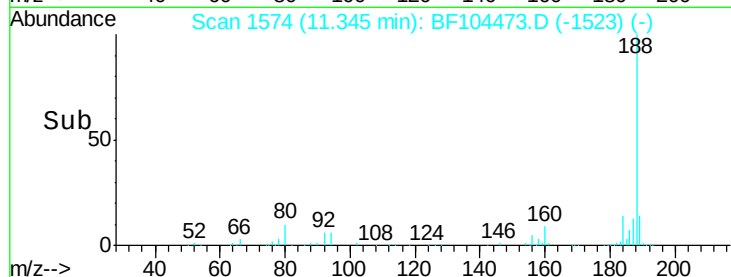
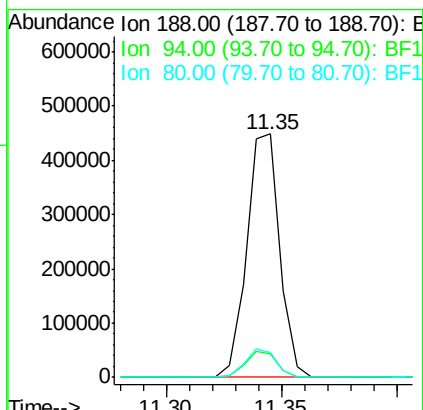
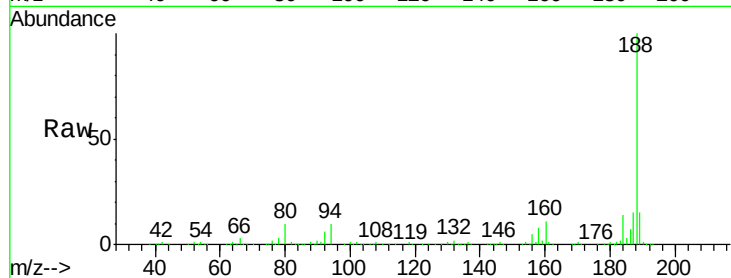




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

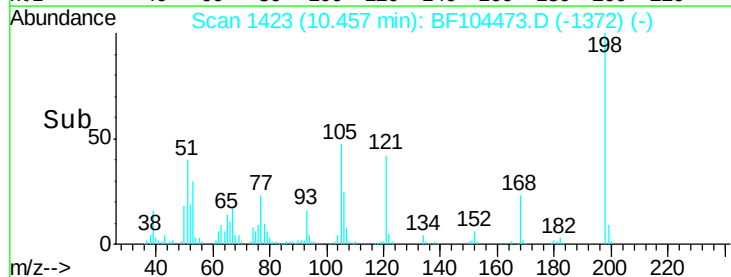
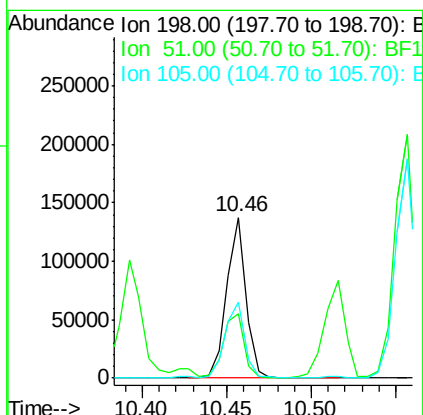
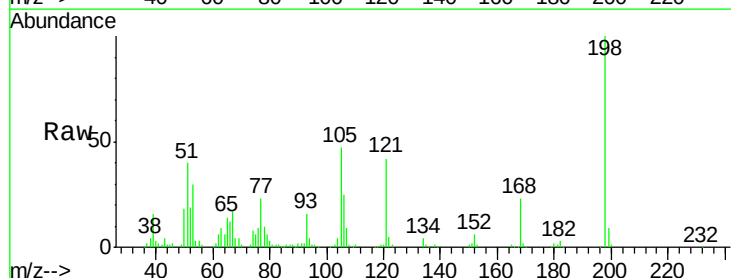
Instrument :
 BNA_F
 ClientSampleId :

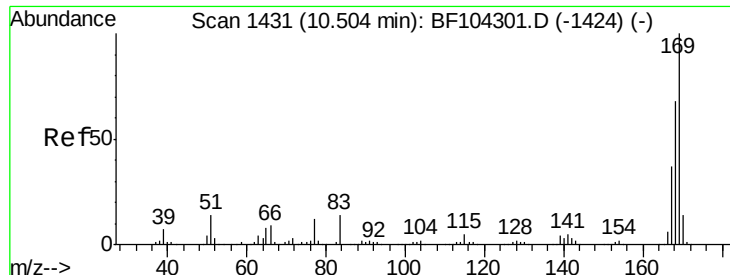
Tot Ion:188 Resp: 446215
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.764 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:198 Resp: 108839
 Ion Ratio Lower Upper
 198 100
 51 40.0 37.7 77.7
 105 47.0 36.3 76.3

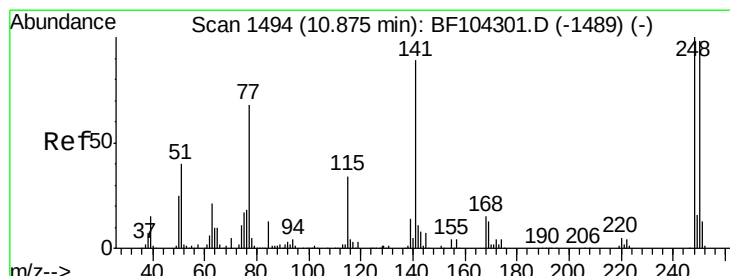
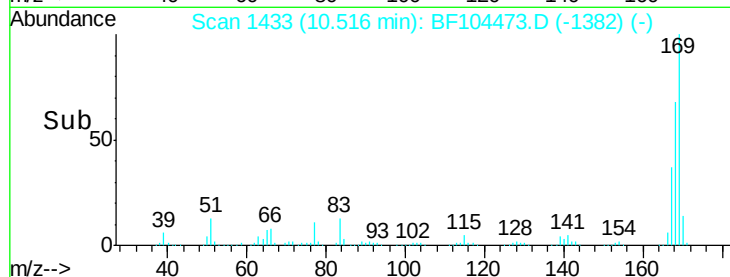
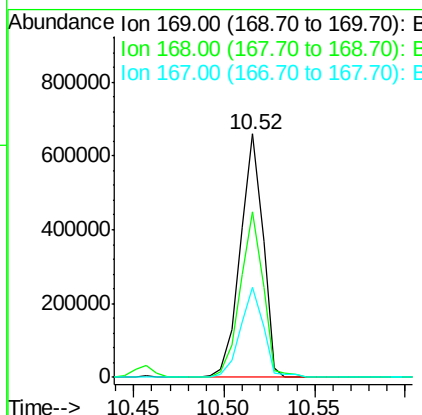
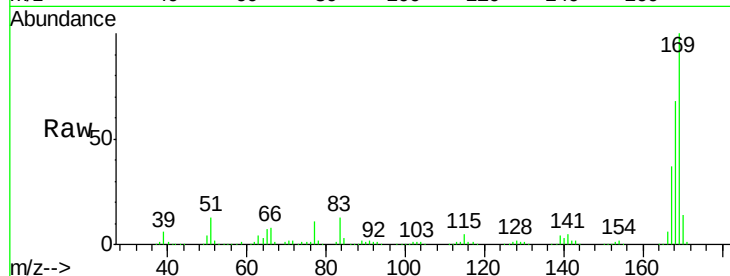




#65
 n-Nitrosodiphenylamine
 Concen: 36.936 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

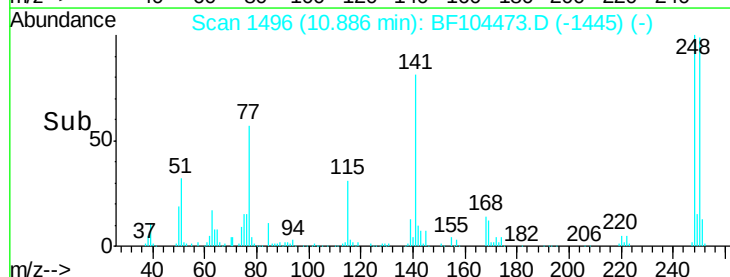
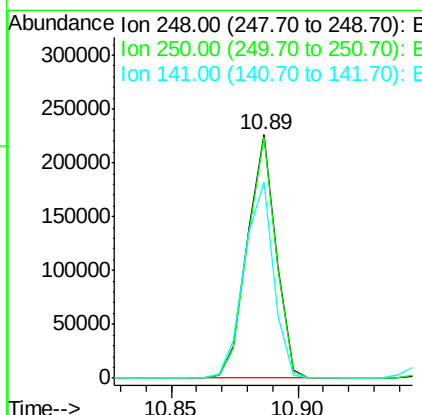
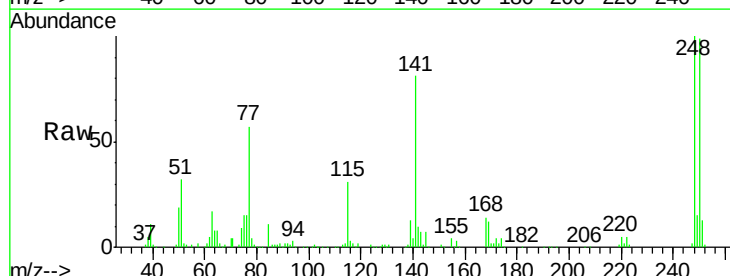
Instrument :
 BNA_F
 ClientSampled :

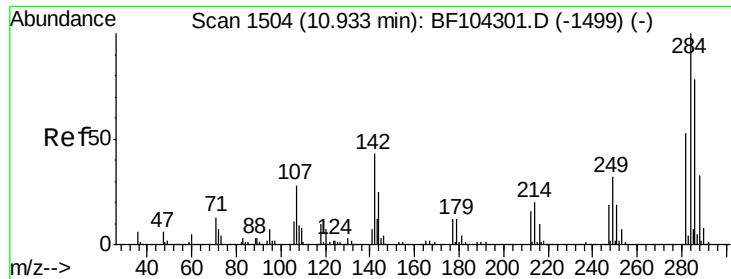
Tot Ion:169 Resp: 571452
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.620 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:248 Resp: 178556
 Ion Ratio Lower Upper
 248 100
 250 99.2 76.9 115.3
 141 80.6 74.4 111.6

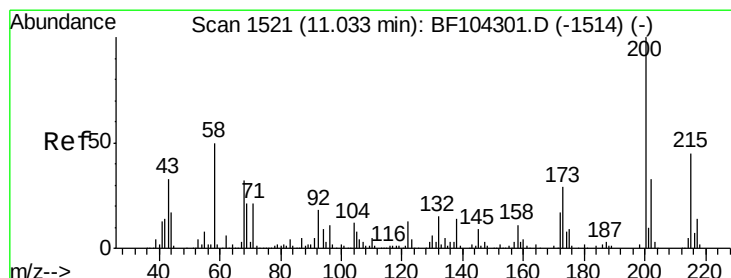
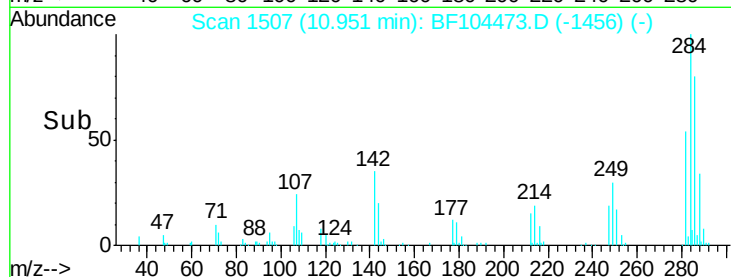
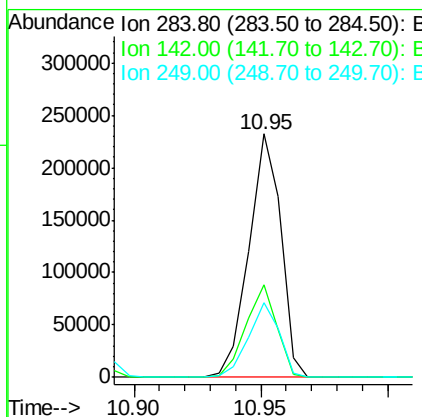
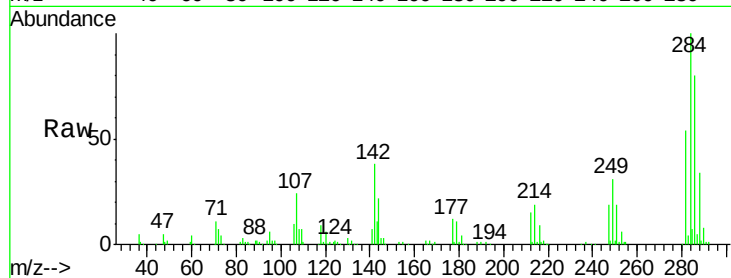




#67
Hexachlorobenzene
Concen: 38.151 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

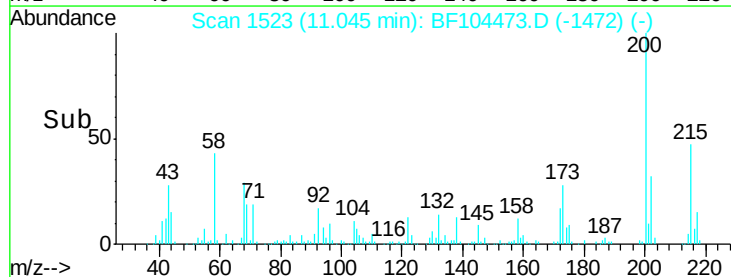
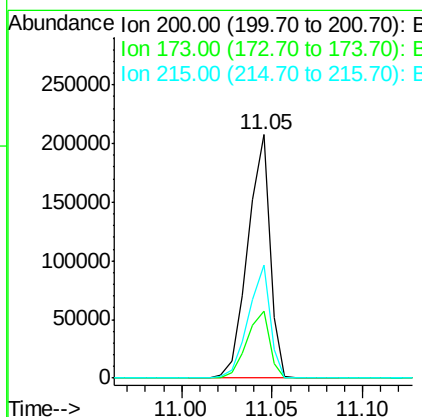
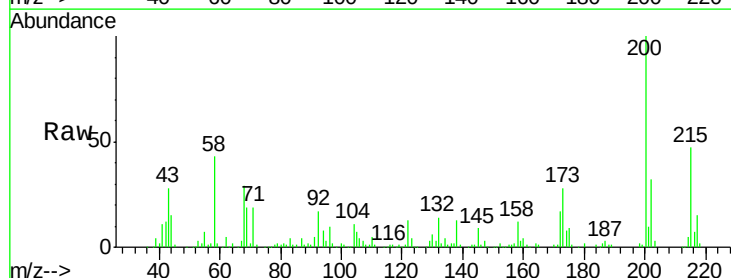
Instrument :
BNA_F
ClientSampleId :

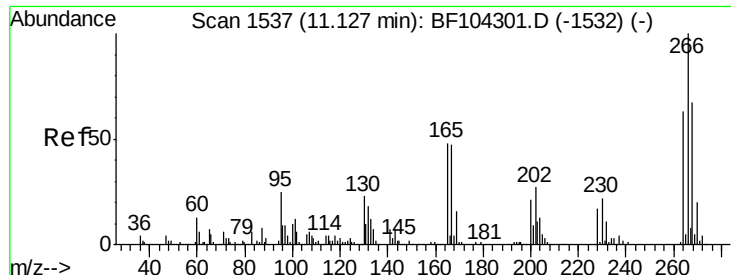
Tot Ion:284 Resp: 203751
Ion Ratio Lower Upper
284 100
142 38.0 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 37.911 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:200 Resp: 177046
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 46.6 25.1 65.1

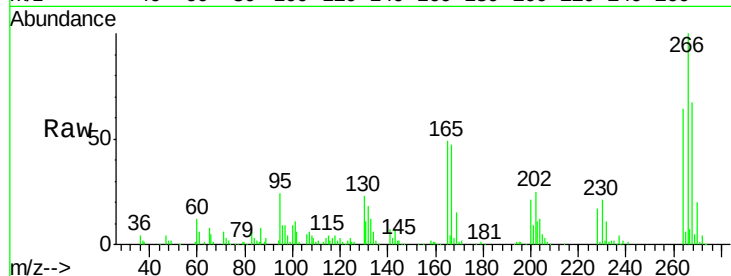




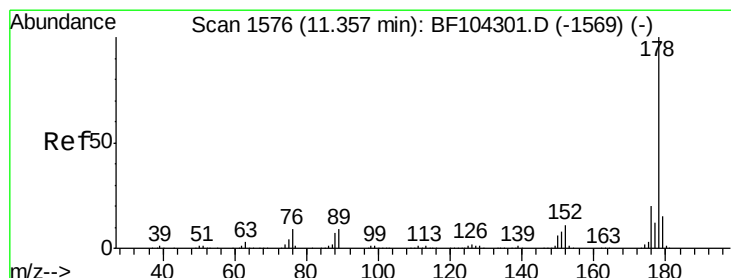
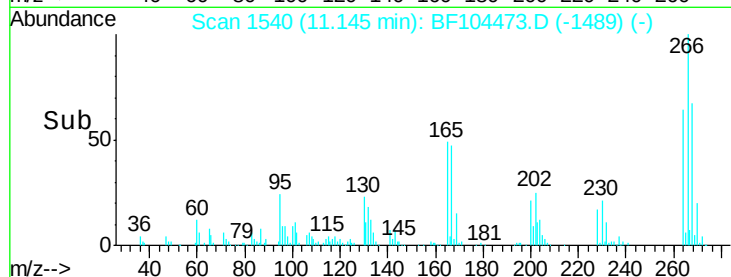
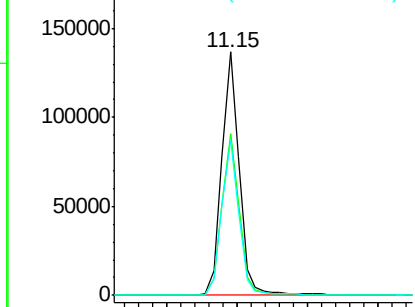
#69
 Pentachlorophenol
 Concen: 35.898 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 118605
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 63.7 49.5 74.3

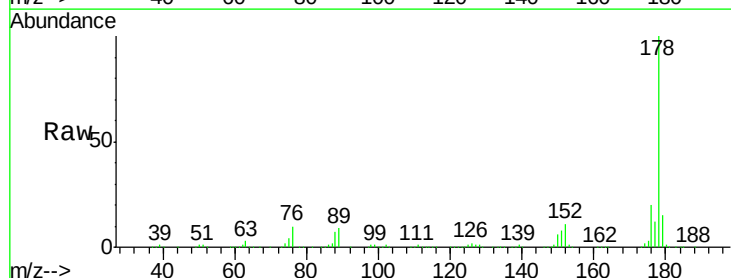


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

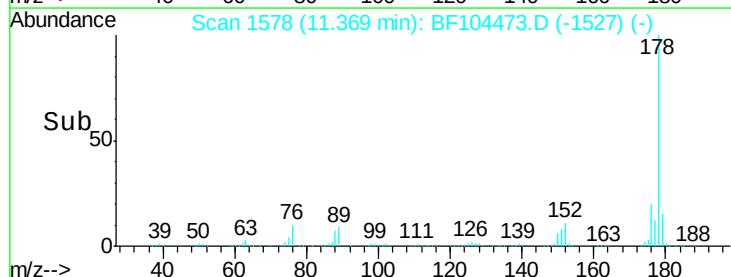
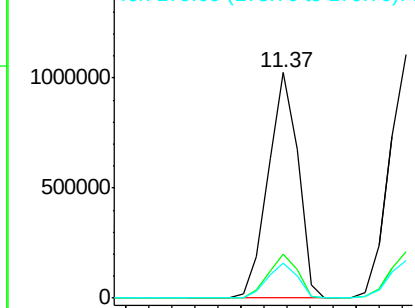


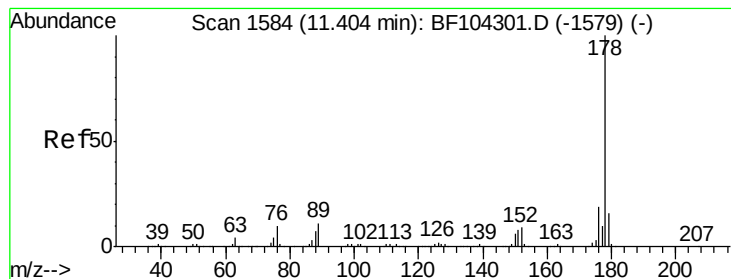
#70
 Phenanthrene
 Concen: 37.045 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:178 Resp: 920545
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 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: 37.088 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

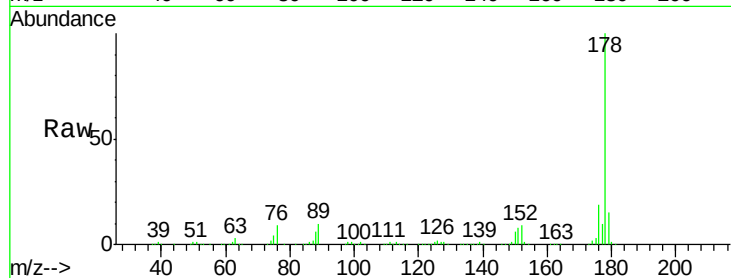
Tot Ion:178 Resp: 936836

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

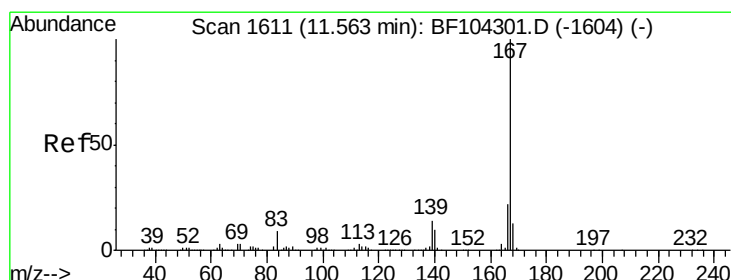
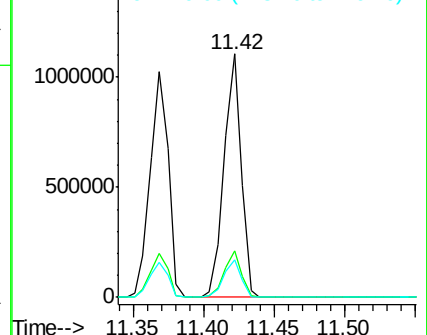
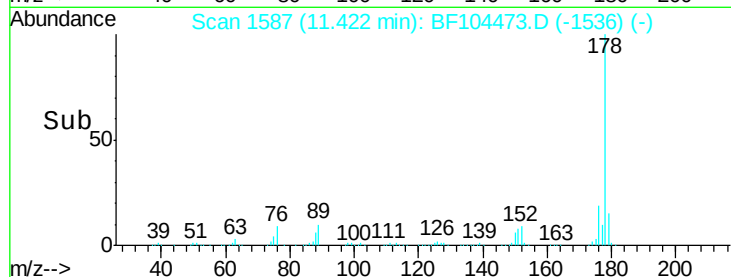
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.362 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

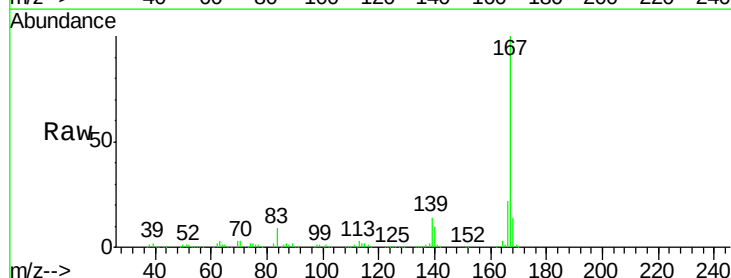
Tgt Ion:167 Resp: 897537

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

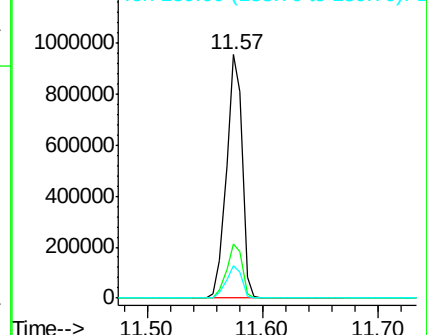
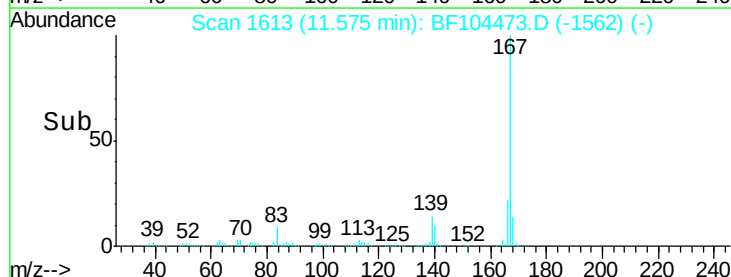
139 13.6 10.9 16.3

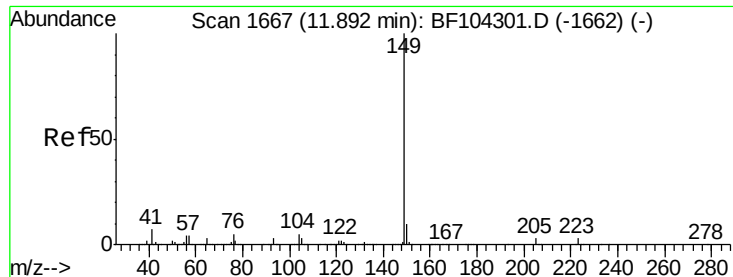


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.571 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

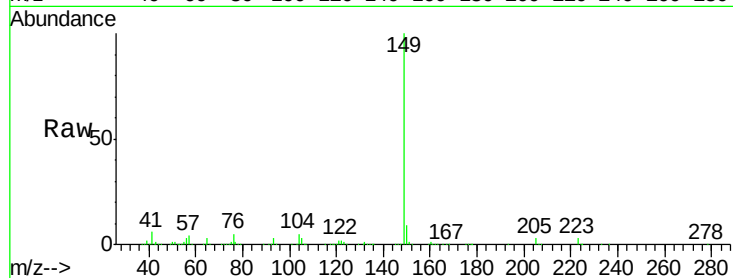
Tot Ion:149 Resp: 1102695

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

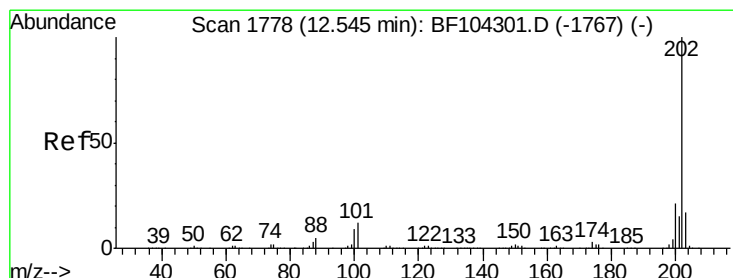
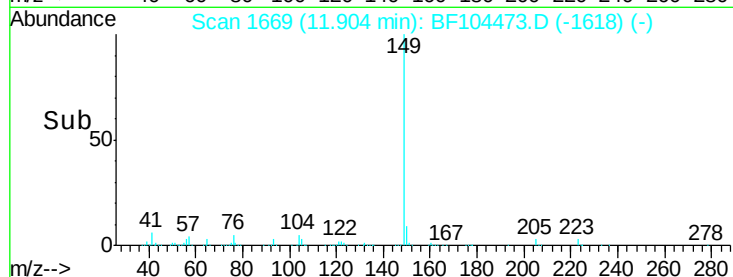
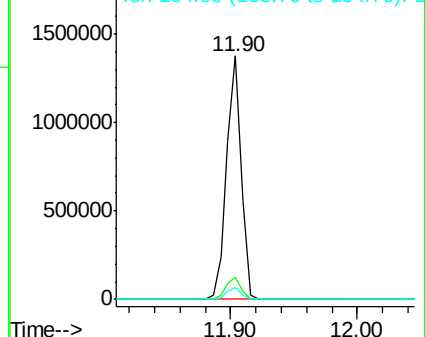
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.350 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

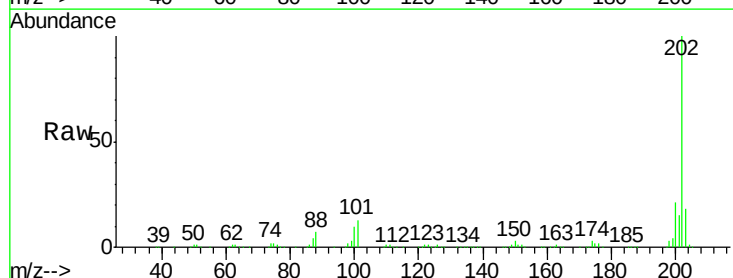
Tgt Ion:202 Resp: 943749

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

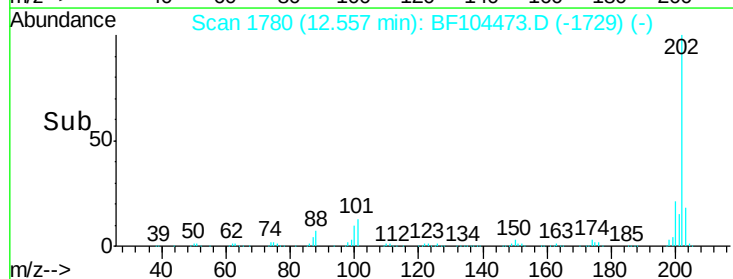
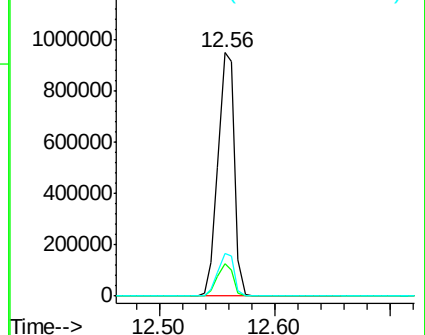
203 17.6 0.0 38.1

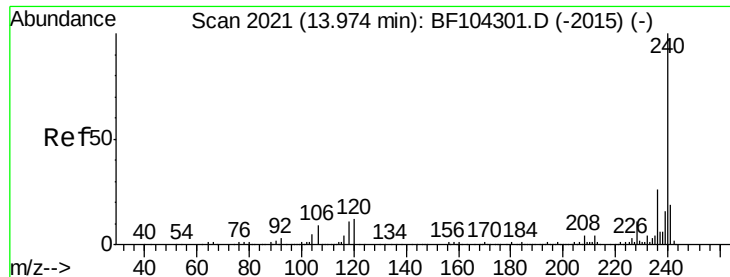


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

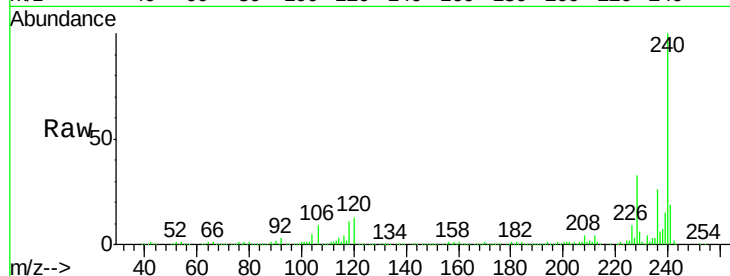
Tot Ion:240 Resp: 344234

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

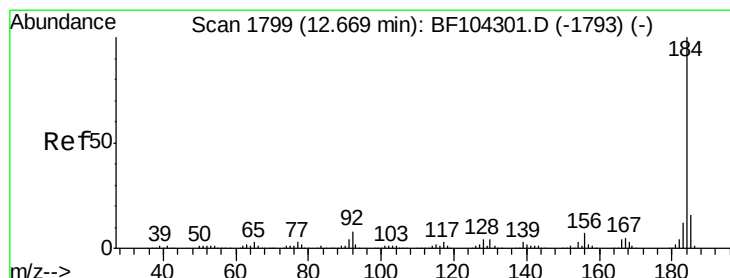
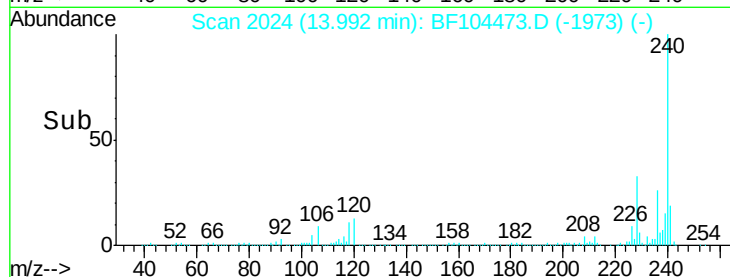
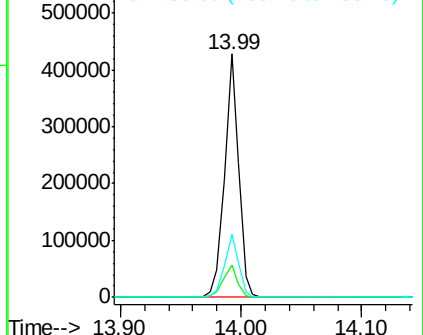
236 25.9 20.7 31.1



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: 32.211 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

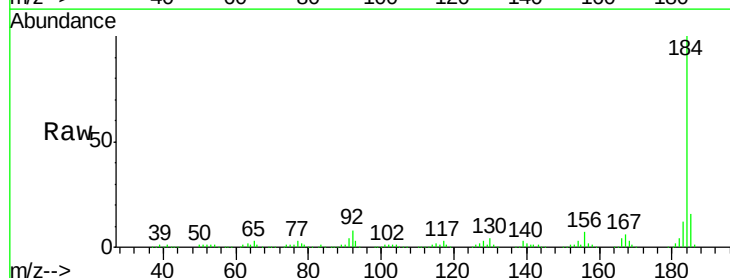
Tgt Ion:184 Resp: 398314

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

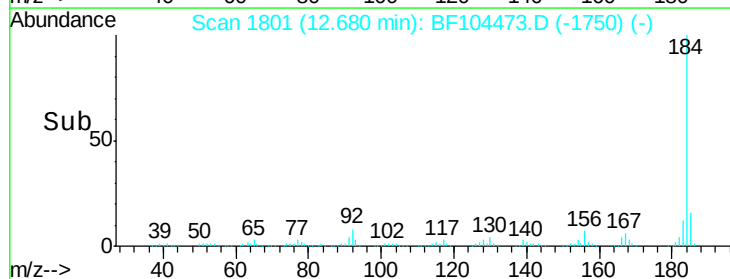
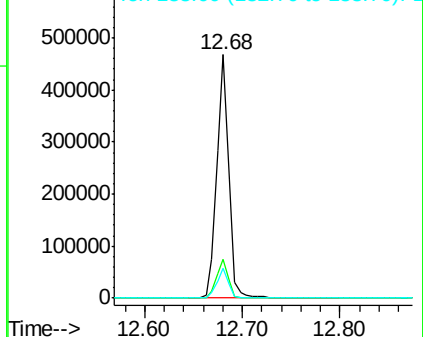
183 12.4 9.3 13.9

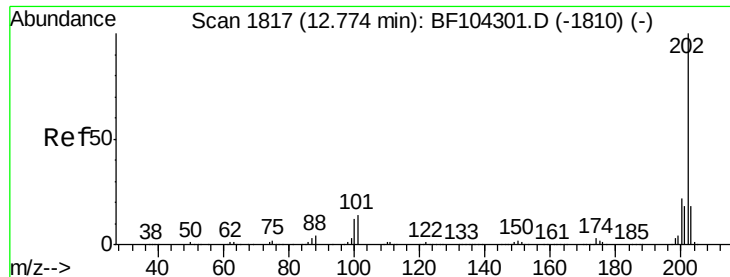


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

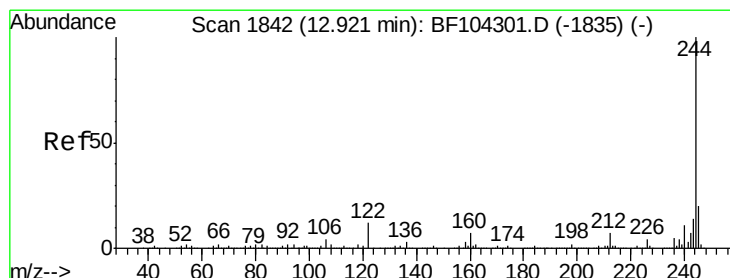
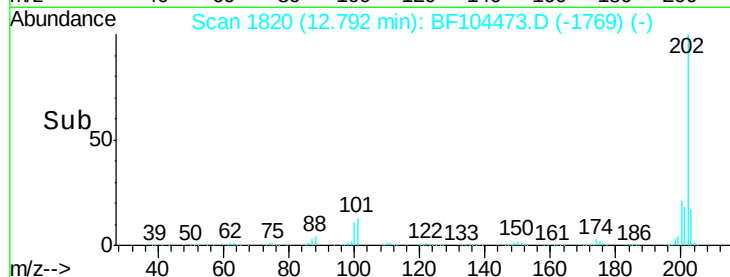
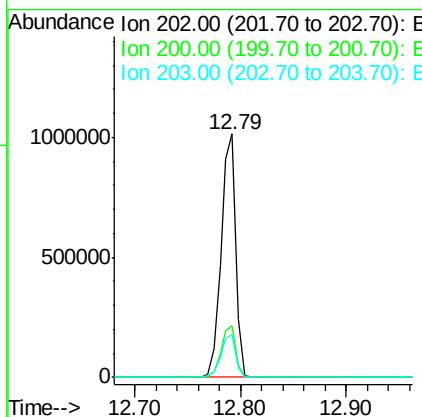
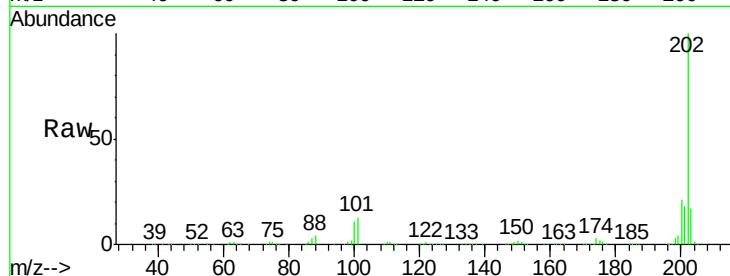




#77
 Pvrene
 Concen: 38.435 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

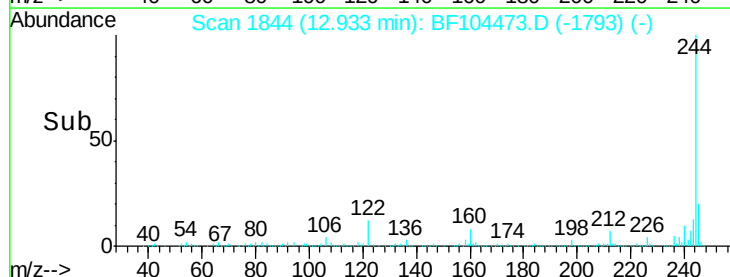
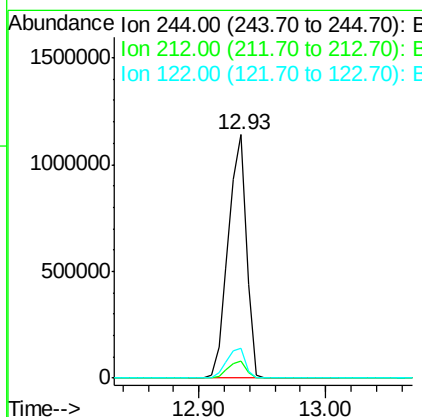
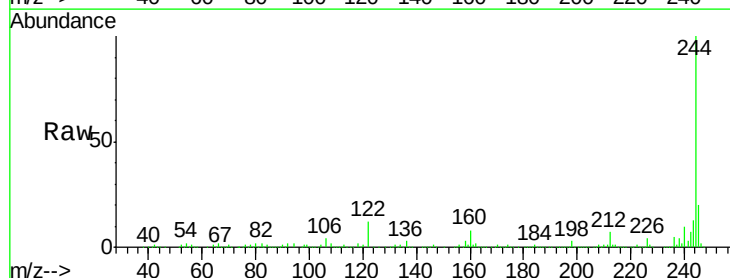
Instrument :
 BNA_F
 ClientSampleId :

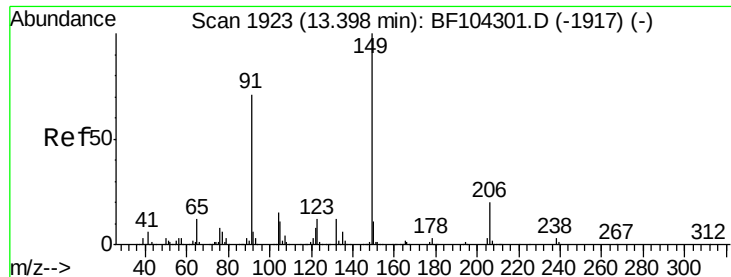
Tot Ion:202 Resp: 980689
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 75.191 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:244 Resp: 1135324
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.1 11.0 16.4

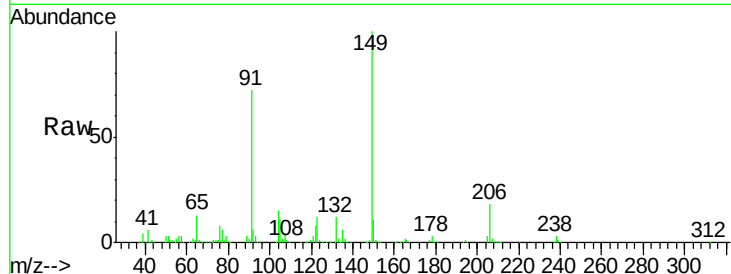




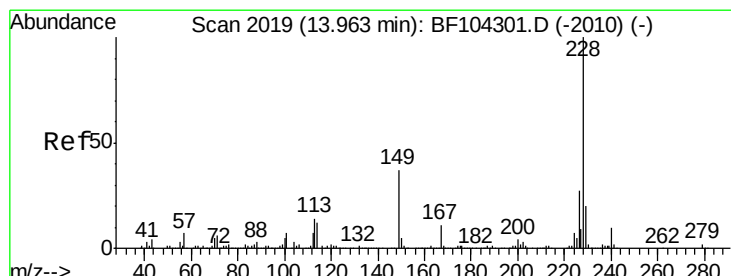
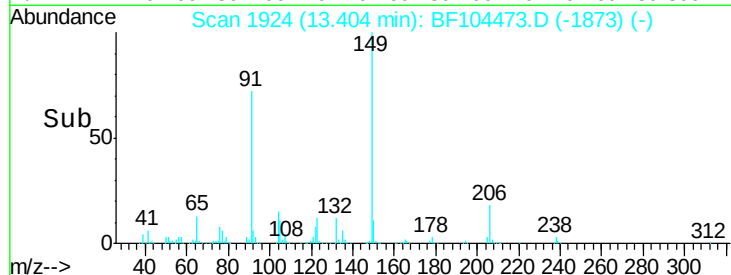
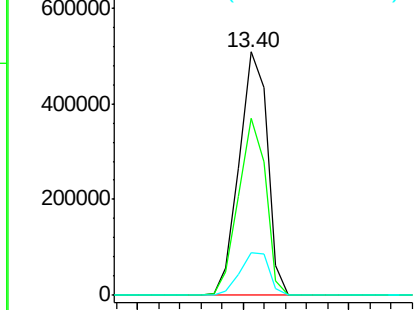
#79
Butylbenzylphthalate
Concen: 39.111 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 470146
Ion Ratio Lower Upper
149 100
91 72.5 56.8 85.2
206 17.8 14.1 21.1

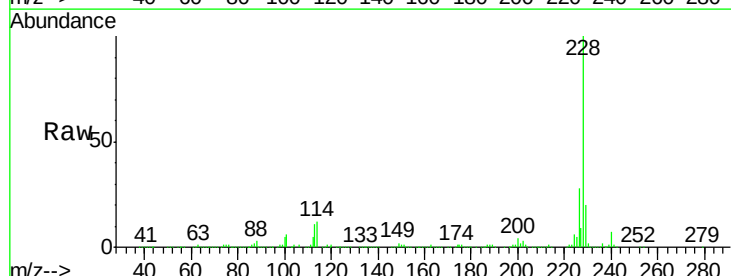


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

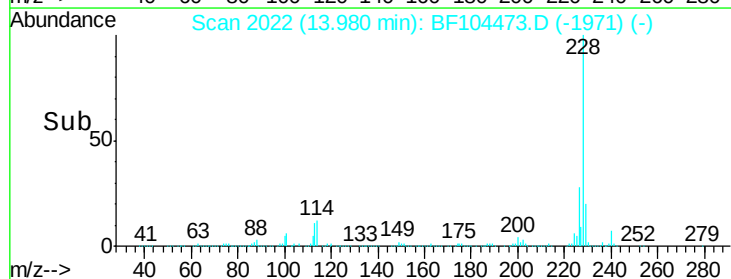
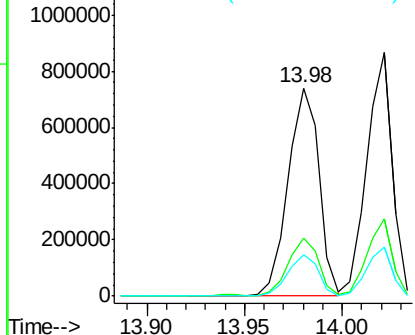


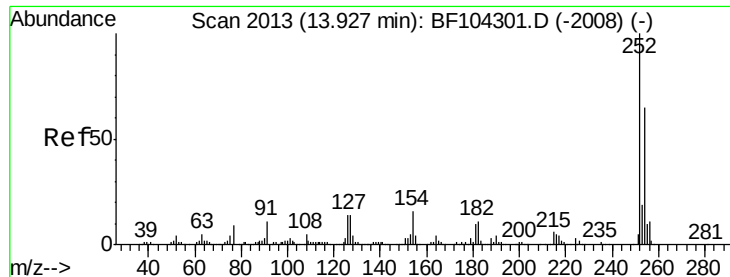
#80
Benzo(a)anthracene
Concen: 39.556 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:228 Resp: 813475
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.1 15.8 23.6



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

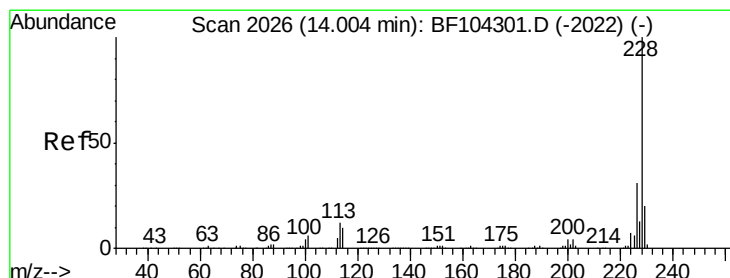
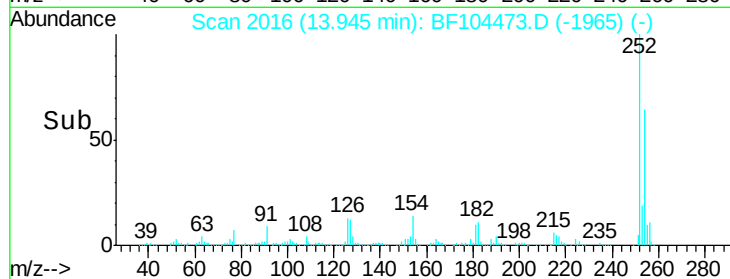
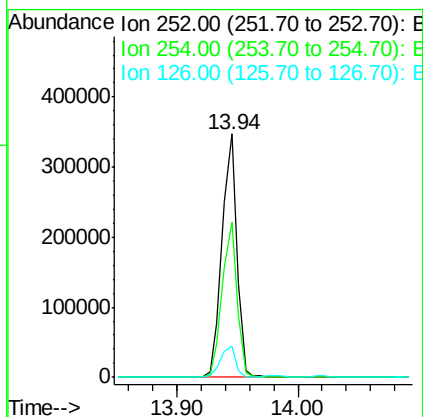
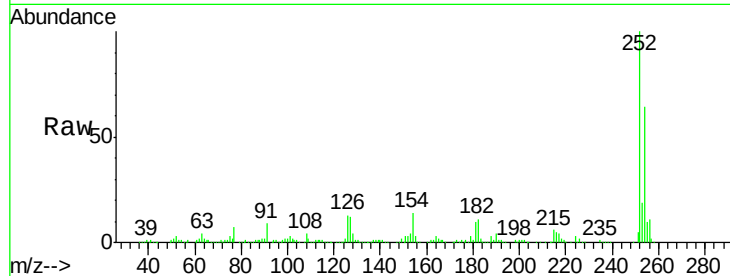




#81
 3,3'-Dichlorobenzidine
 Concen: 38.591 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

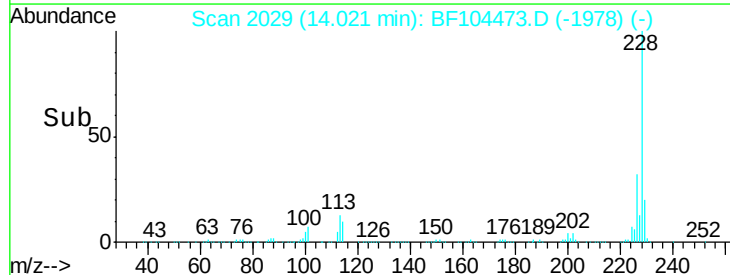
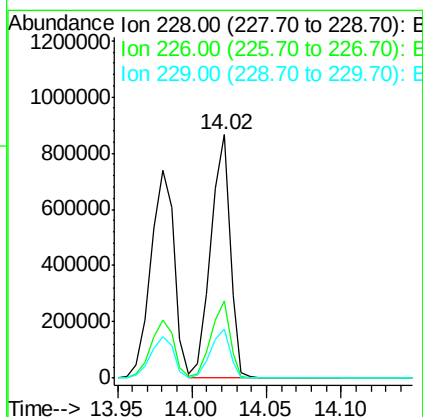
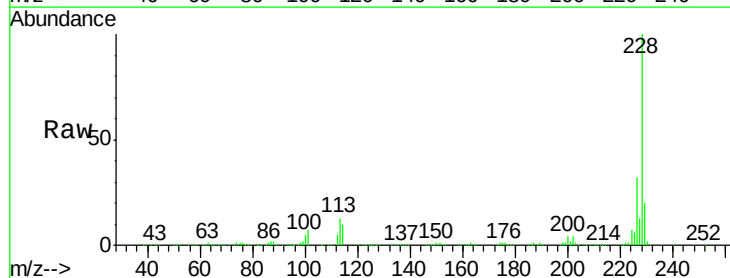
Instrument :
 BNA_F
 ClientSampleId :

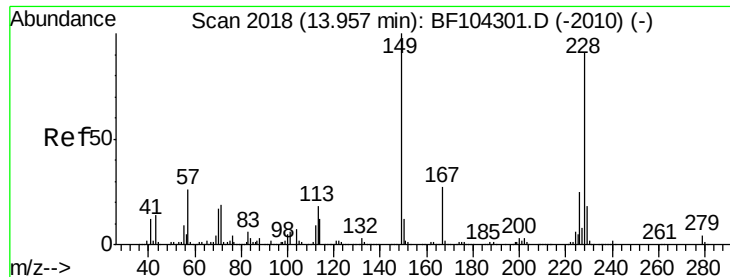
Tot Ion:252 Resp: 295904
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 36.973 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion:228 Resp: 780993
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.027 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

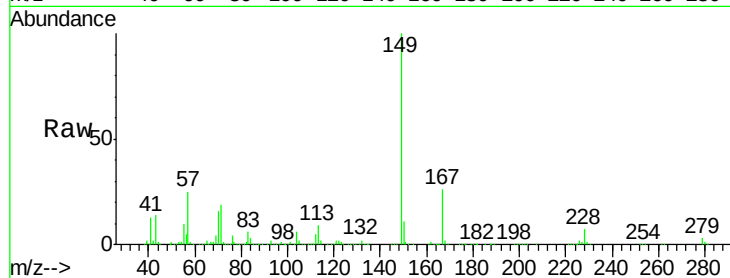
Tot Ion:149 Resp: 634354

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

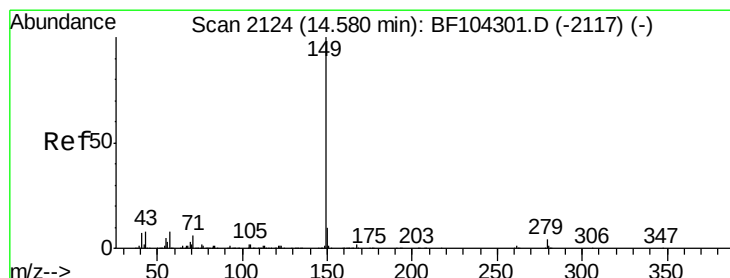
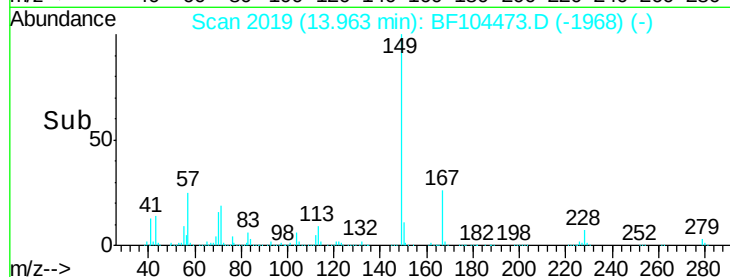
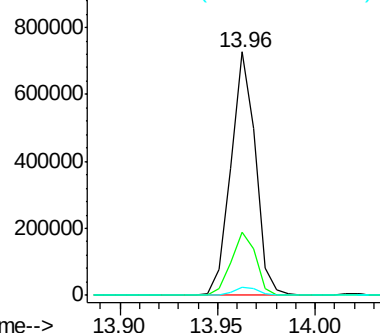
279 3.3 3.0 4.4



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: 37.392 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

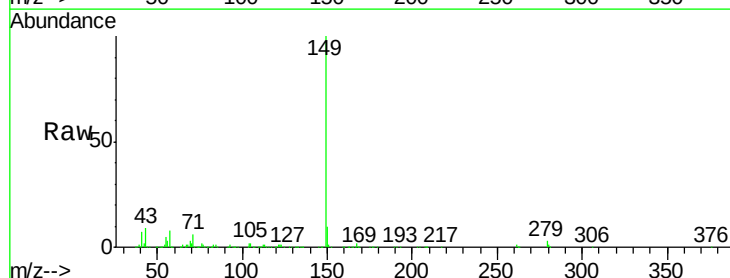
Tgt Ion:149 Resp: 966041

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

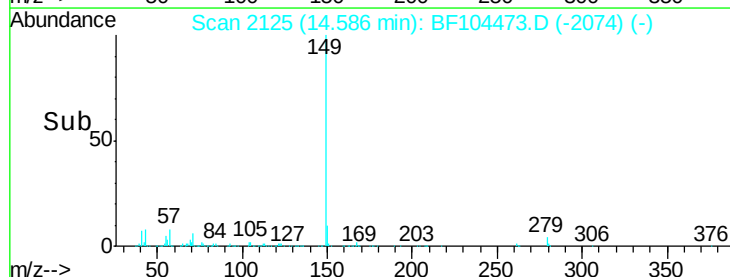
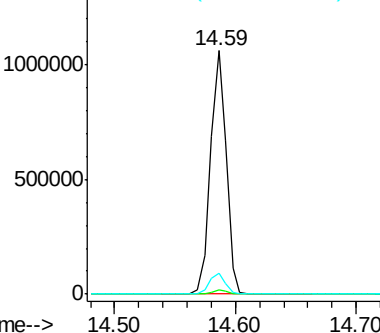
43 8.5 8.4 12.6

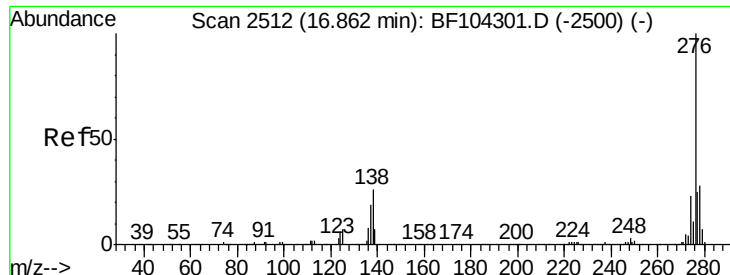


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

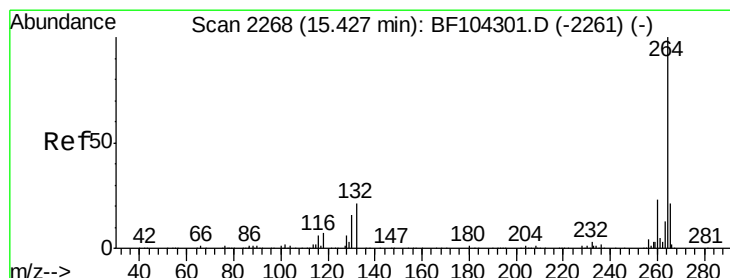
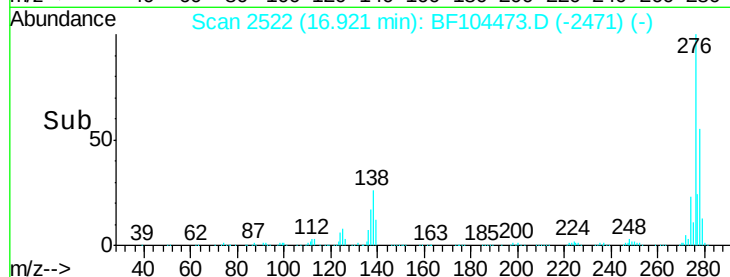
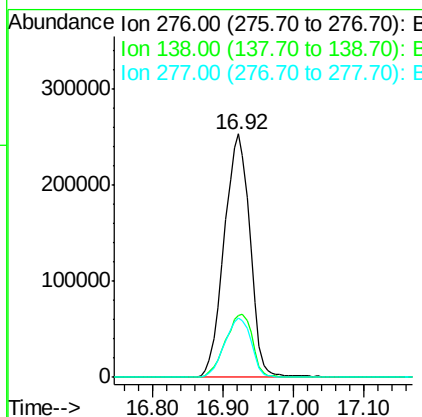
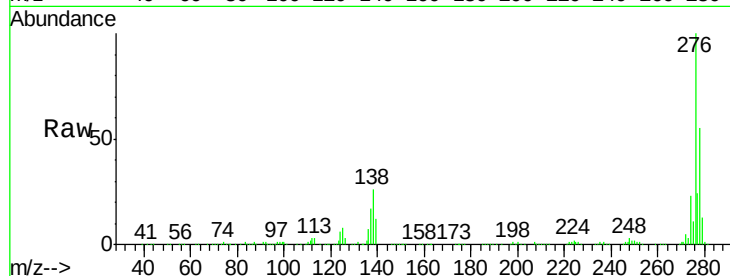




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.956 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

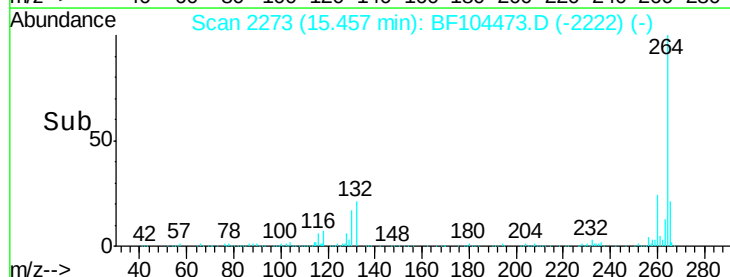
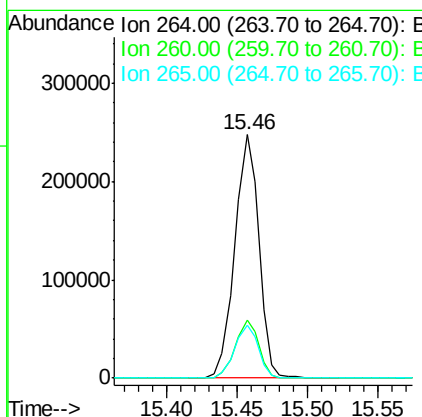
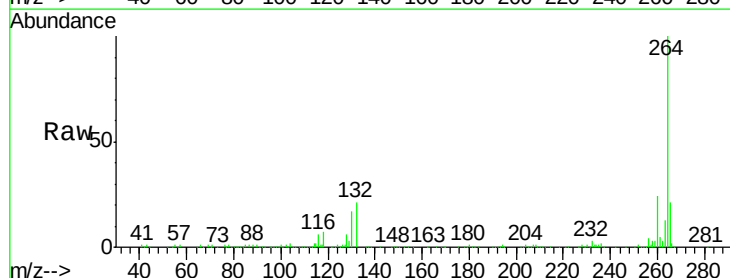
Instrument :
 BNA_F
 ClientSampleId :

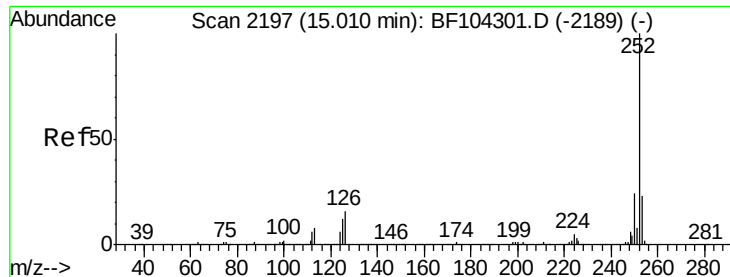
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF104473.D
 Acq: 13 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

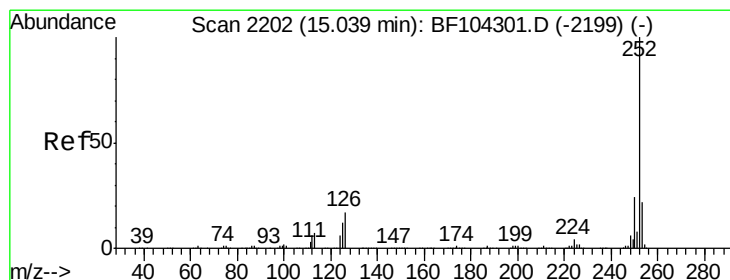
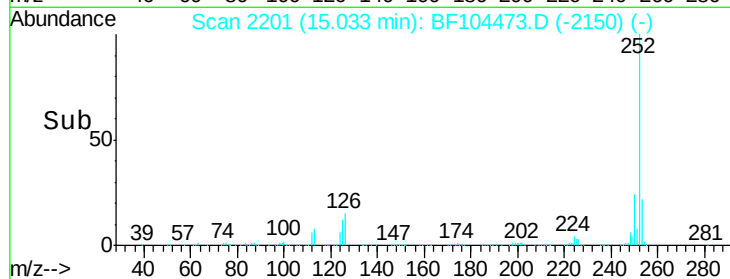
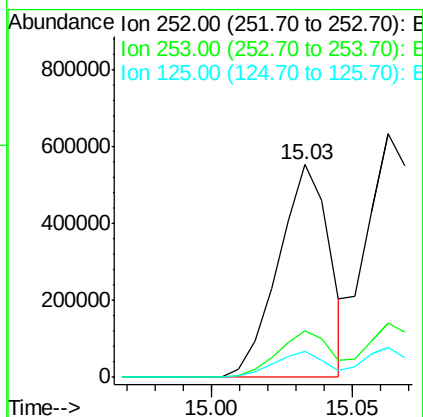
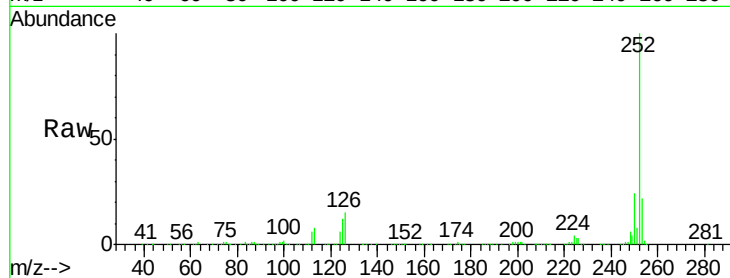




#87
Benzo(b)fluoranthene
Concen: 37.315 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

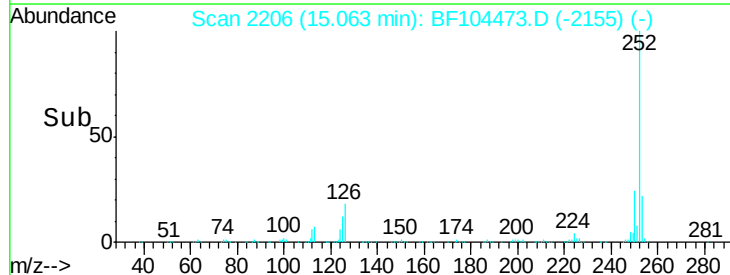
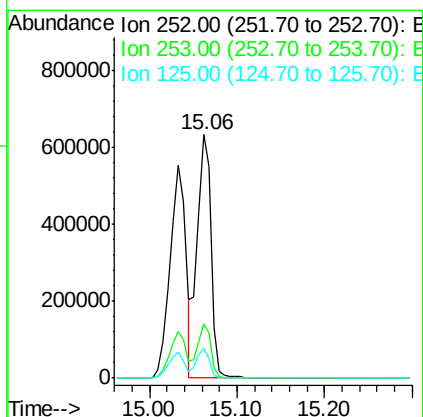
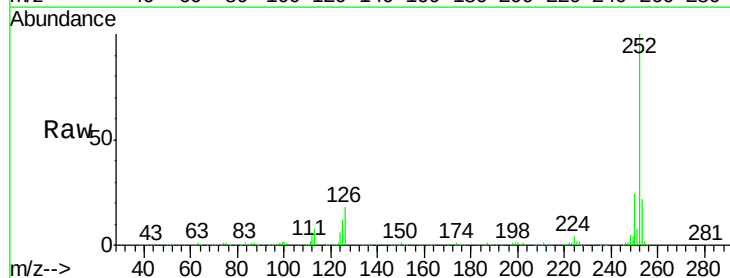
Instrument :
BNA_F
ClientSampleId :

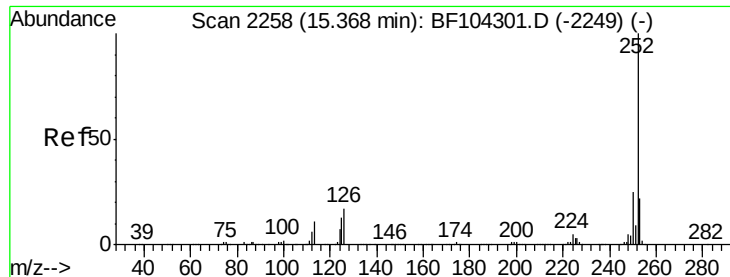
Tot Ion:252 Resp: 695458
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.121 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF104473.D
Acq: 13 Apr 2018 12:48

Tgt Ion:252 Resp: 705947
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.474 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :

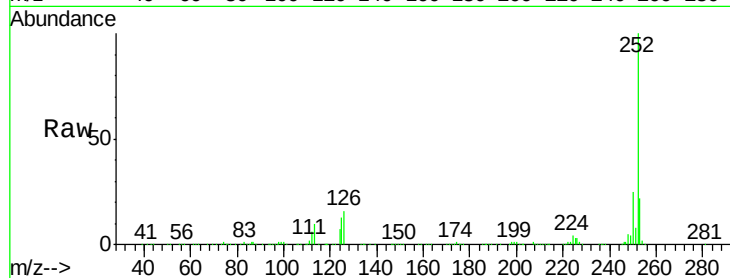
Tot Ion:252 Resp: 641581

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

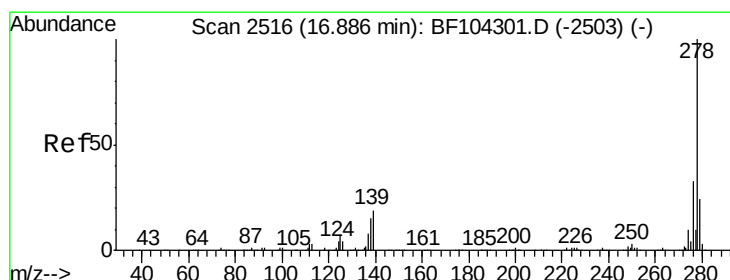
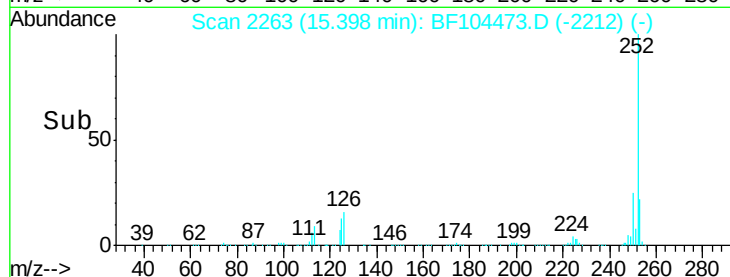
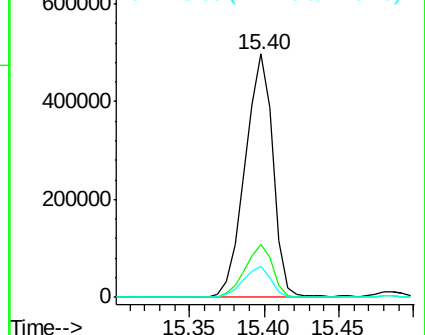
125 12.7 9.8 14.6



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: 38.685 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

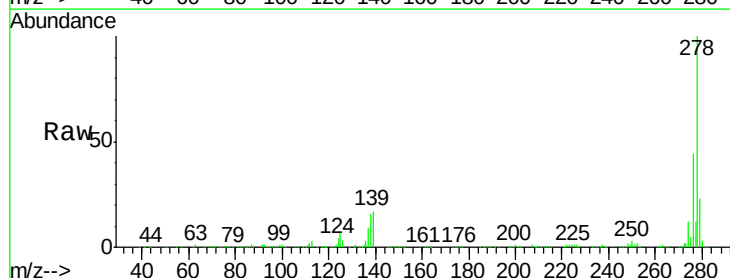
Tgt Ion:278 Resp: 529826

Ion Ratio Lower Upper

278 100

139 16.7 15.9 23.9

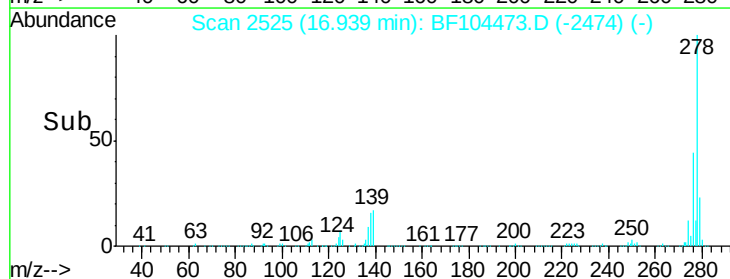
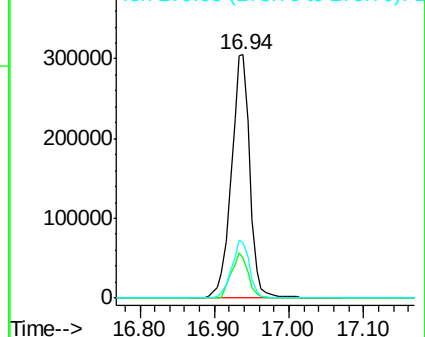
279 22.9 19.0 28.4

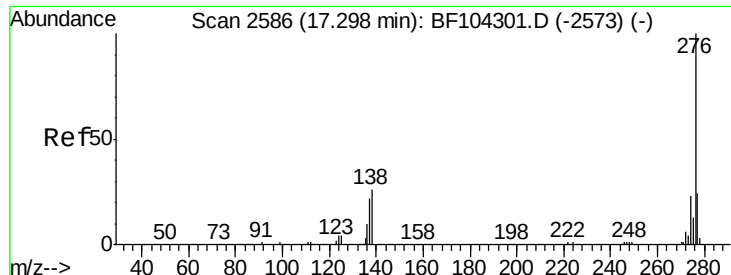


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.101 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

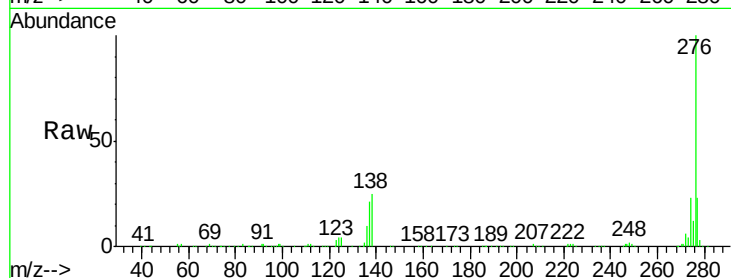
Lab File: BF104473.D

Acq: 13 Apr 2018 12:48

Instrument :

BNA_F

ClientSampleId :



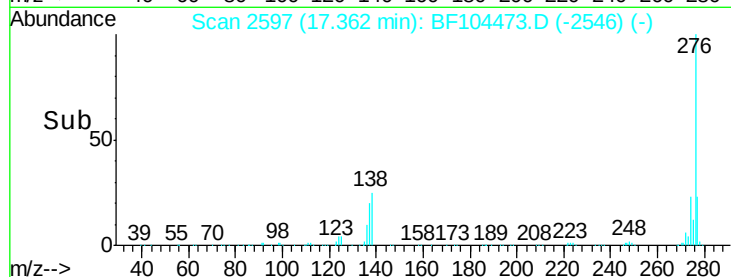
Tot Ion:276 Resp: 518825

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 24.8 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

