

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104361.D
 Acq On : 9 Apr 2018 10:27
 Operator : JU/SJ
 Sample : J2275-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:12:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147475	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	611825	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	284338	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	516820	20.00	ng	0.00
75) Chrysene-d12	13.97	240	320924	20.00	ng	0.00
86) Perylene-d12	15.43	264	297563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1081085	112.09	ng	0.02
7) Phenol-d6	6.44	99	1365015	115.19	ng	0.01
23) Nitrobenzene-d5	7.37	82	837787	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	342493	116.12	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1344572	74.70	ng	0.00
78) Terphenyl-d14	12.92	244	1257509	89.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	131822	29.332	ng	89
3) Pyridine	3.32	79	370592	29.330	ng	87
4) n-Nitrosodimethylamine	3.26	42	153963	34.858	ng	# 78
6) Aniline	6.47	93	140460	8.531	ng	98
8) 2-Chlorophenol	6.59	128	358396	35.207	ng	92
9) Benzaldehyde	6.35	77	105226	13.789	ng	98
10) Phenol	6.45	94	471649	37.511	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	341068	33.992	ng	95
12) 1,3-Dichlorobenzene	6.75	146	372423	32.293	ng	99
13) 1,4-Dichlorobenzene	6.82	146	377093	32.802	ng	100
14) 1,2-Dichlorobenzene	6.97	146	347491	32.618	ng	99
15) Benzyl Alcohol	6.95	79	310111	34.454	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443064	32.880	ng	94
17) 2-Methylphenol	7.06	107	304619	34.425	ng	98
18) Hexachloroethane	7.32	117	137138	33.458	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	242903	31.368	ng	93
20) 3+4-Methylphenols	7.21	107	359034	32.715	ng	# 76
22) Acetophenone	7.22	105	477517	31.702	ng	99
24) Nitrobenzene	7.39	77	372070	35.967	ng	94
25) Isophorone	7.63	82	682983	34.470	ng	99
26) 2-Nitrophenol	7.70	139	191322	45.430	ng	95
27) 2,4-Dimethylphenol	7.74	122	321348	36.749	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	441148	36.416	ng	99
29) 2,4-Dichlorophenol	7.95	162	297902	35.705	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	298120	32.558	ng	98
31) Naphthalene	8.11	128	1012711	33.241	ng	99
32) Benzoic acid	7.79	122	14875	2.132	ng	98
33) 4-Chloroaniline	8.16	127	81447	6.240	ng	96
34) Hexachlorobutadiene	8.23	225	157707	31.444	ng	98
35) Caprolactam	8.53	113	58396	20.063	ng	# 80
36) 4-Chloro-3-methylphenol	8.64	107	327336	36.589	ng	99
37) 2-Methylnaphthalene	8.80	142	673977	34.201	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	273784	33.637	ng	99
40) Hexachlorocyclopentadiene	8.95	237	287471	63.087	ng	98

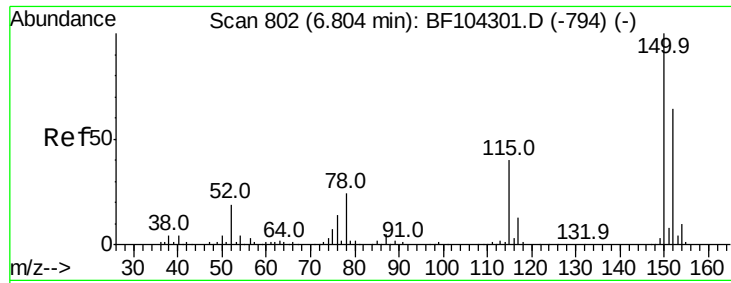
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	205180	36.313	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	219334	34.689	ng	98
45) 1,1'-Biphenyl	9.27	154	788585	33.014	ng	99
46) 2-Chloronaphthalene	9.29	162	620174	32.870	ng	99
47) 2-Nitroaniline	9.39	65	192781	41.317	ng	97
48) Acenaphthylene	9.71	152	953788	32.220	ng	100
49) Dimethylphthalate	9.57	163	891881	39.777	ng	99
50) 2,6-Dinitrotoluene	9.63	165	168997	40.732	ng	# 88
51) Acenaphthene	9.88	154	624758	34.591	ng	100
52) 3-Nitroaniline	9.79	138	93594	19.269	ng	99
53) 2,4-Dinitrophenol	9.90	184	100005	64.432	ng	# 23
54) Dibenzofuran	10.05	168	855159	33.975	ng	98
55) 4-Nitrophenol	9.96	139	309044	80.997	ng	99
56) 2,4-Dinitrotoluene	10.03	165	227760	41.850	ng	95
57) Fluorene	10.39	166	632023	34.498	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	177961	37.727	ng	96
59) Diethylphthalate	10.27	149	727630	32.584	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	281627	34.517	ng	99
61) 4-Nitroaniline	10.42	138	170721	35.947	ng	96
62) Azobenzene	10.55	77	698702	32.749	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103878	42.300	ng	84
65) n-Nitrosodiphenylamine	10.51	169	597628	33.351	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	183344	33.352	ng	98
67) Hexachlorobenzene	10.94	284	200584	32.427	ng	92
68) Atrazine	11.03	200	194804	36.015	ng	100
69) Pentachlorophenol	11.13	266	230178	60.150	ng	96
70) Phenanthrene	11.36	178	933886	32.448	ng	99
71) Anthracene	11.41	178	964487	32.966	ng	100
72) Carbazole	11.56	167	897028	31.377	ng	100
73) Di-n-butylphthalate	11.90	149	1112340	31.851	ng	99
74) Fluoranthene	12.54	202	912993	30.361	ng	98
76) Benzidine	12.67	184	125508	7.183	ng	99
77) Pyrene	12.77	202	897432	37.726	ng	99
79) Butylbenzylphthalate	13.40	149	422400	37.691	ng	98
80) Benzo(a)anthracene	13.96	228	627973	32.754	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	90994	12.729	ng	97
82) Chrysene	14.00	228	631090	32.047	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	523246	36.299	ng	100
84) Di-n-octyl phthalate	14.57	149	835967	34.708	ng	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	700526	41.875	ng	97
87) Benzo(b)fluoranthene	15.01	252	559216	29.756	ng	97
88) Benzo(k)fluoranthene	15.04	252	574531	32.381	ng	99
89) Benzo(a)pyrene	15.37	252	557811	33.172	ng	98
90) Dibenzo(a,h)anthracene	16.90	278	583564	42.255	ng	98
91) Benzo(g,h,i)perylene	17.32	276	604926	45.211	ng	96

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

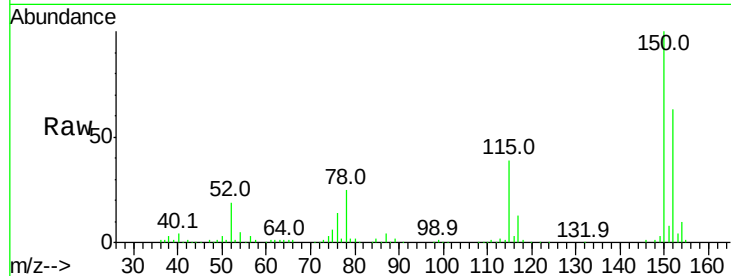


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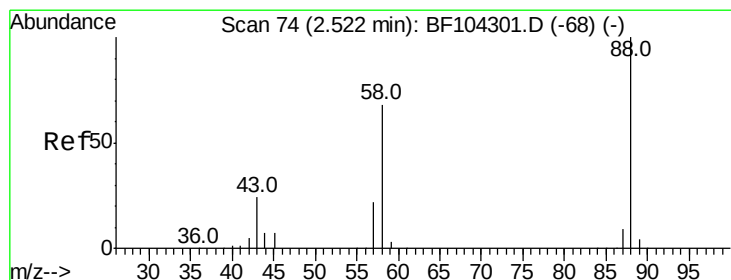
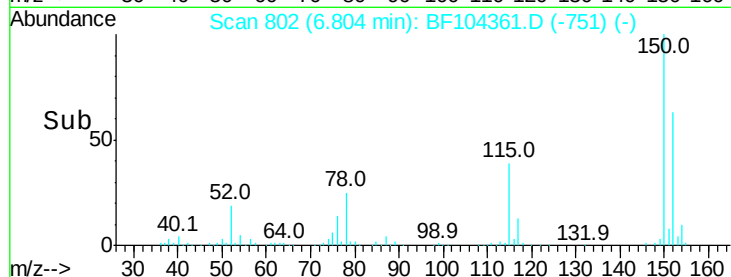
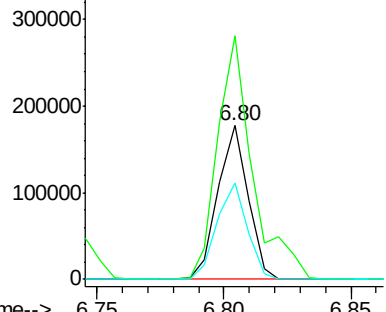
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147475
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.4 50.1 75.1



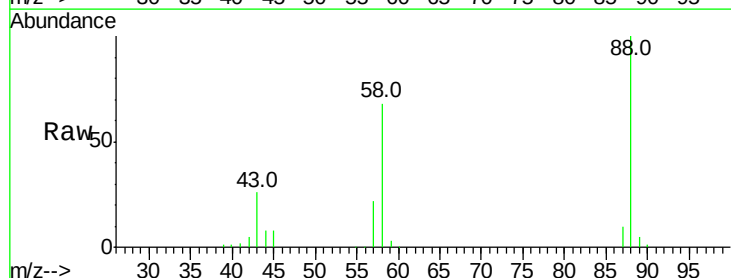
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



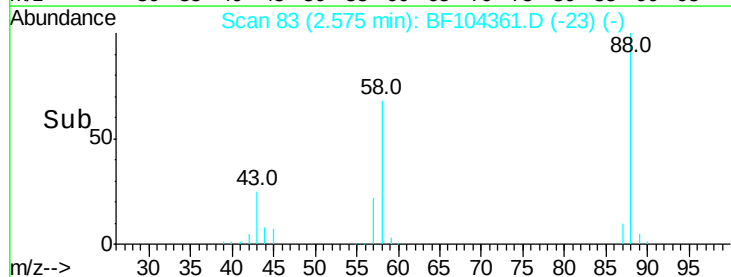
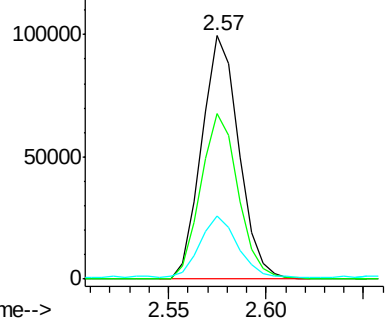
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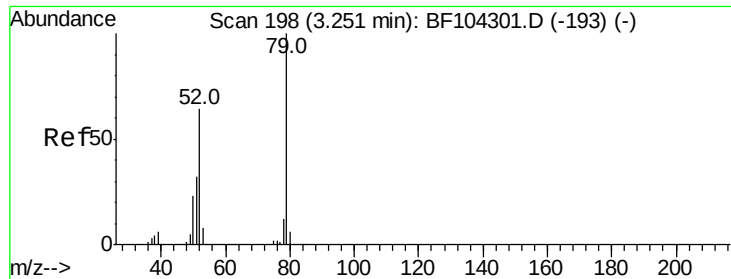
1,4-Dioxane
Concen: 29.332 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.05 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion: 88 Resp: 131822
Ion Ratio Lower Upper
88 100
58 68.2 62.6 93.8
43 25.3 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

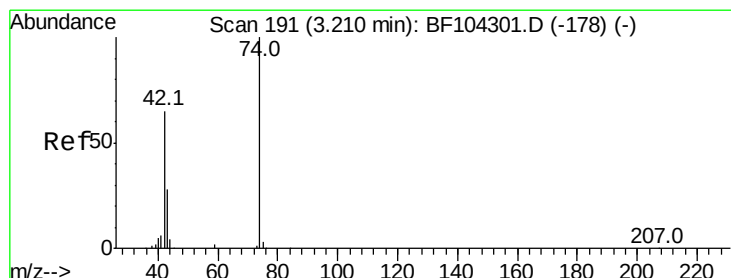
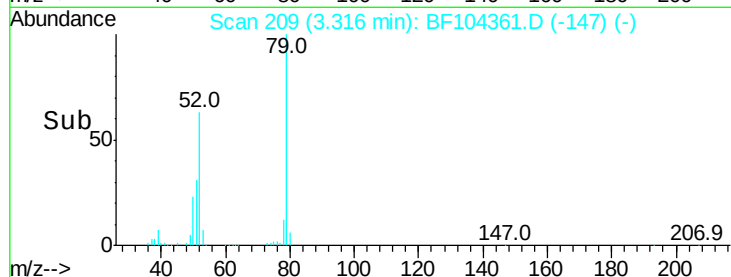
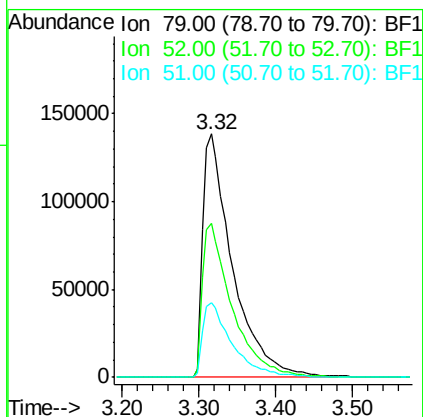
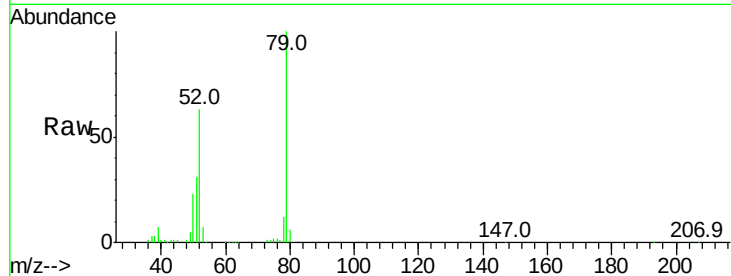




#3
 Pvridine
 Concen: 29.330 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

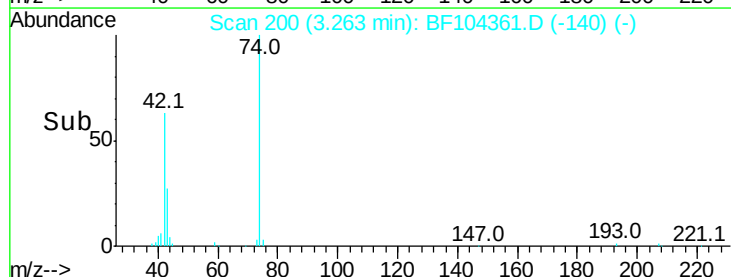
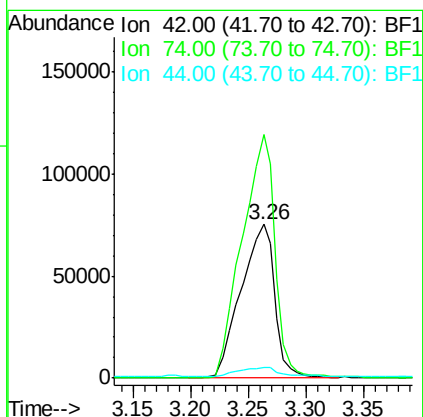
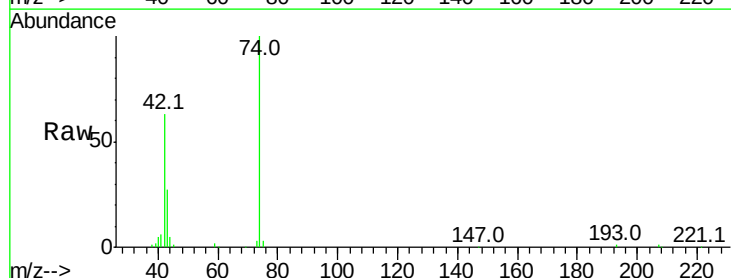
Instrument :
 BNA_F
 ClientSampleId :

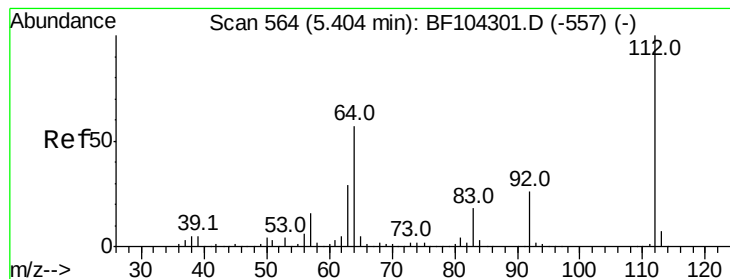
Tot Ion: 79 Resp: 370592
 Ion Ratio Lower Upper
 79 100
 52 63.0 59.8 89.6
 51 30.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.858 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.05 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion: 42 Resp: 153963
 Ion Ratio Lower Upper
 42 100
 74 158.2 104.9 157.3#
 44 7.3 6.9 10.3

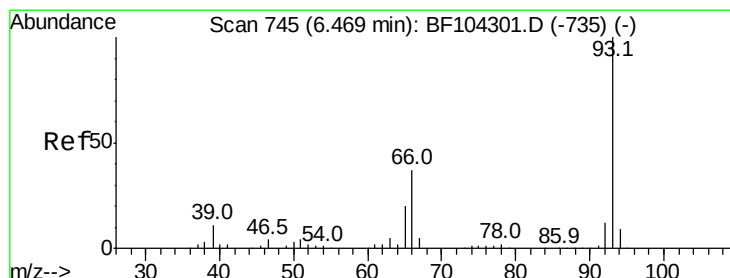
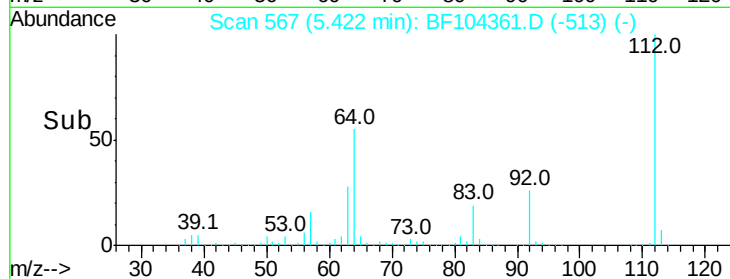
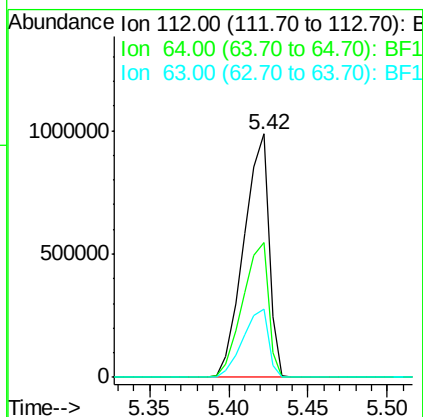
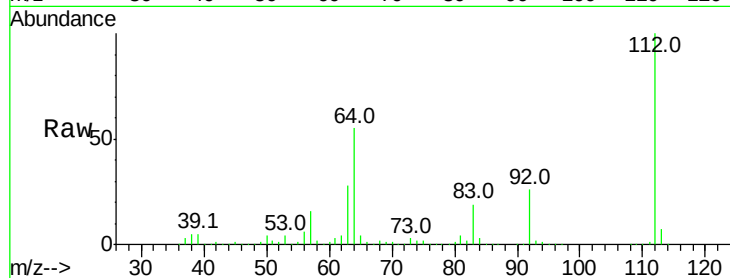




#5
 2-Fluorophenol
 Concen: 112.089 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

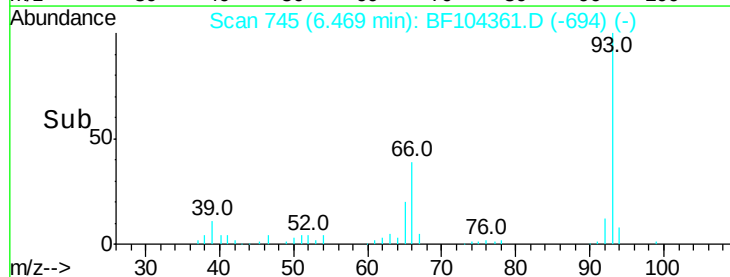
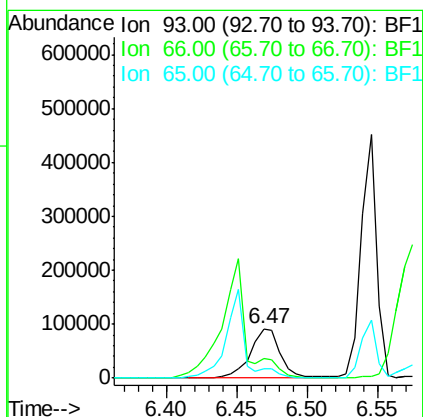
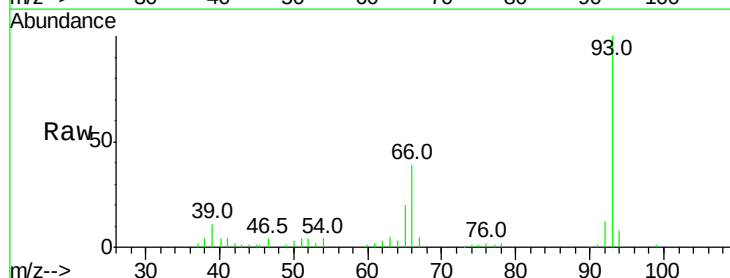
Instrument :
 BNA_F
 ClientSampled :

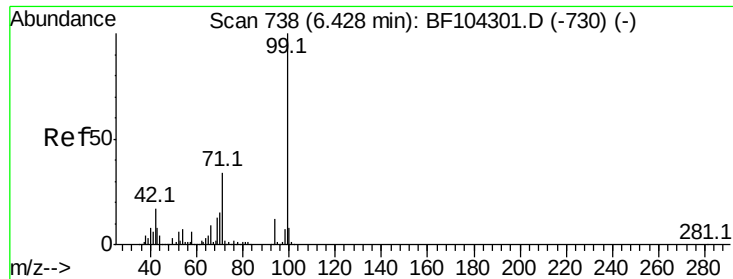
Tot Ion:112 Resp: 1081085
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 28.3 23.7 35.5



#6
 Aniline
 Concen: 8.531 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion: 93 Resp: 140460
 Ion Ratio Lower Upper
 93 100
 66 38.9 32.2 48.2
 65 19.9 16.4 24.6





#7

Phenol-d6

Concen: 115.187 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

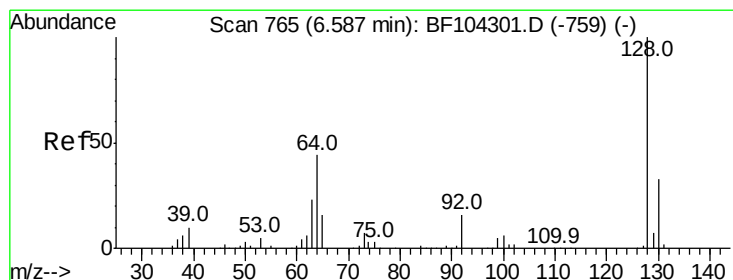
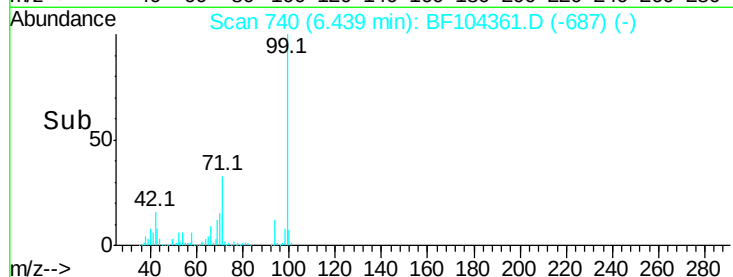
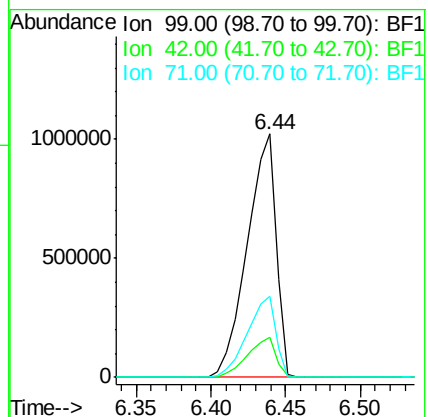
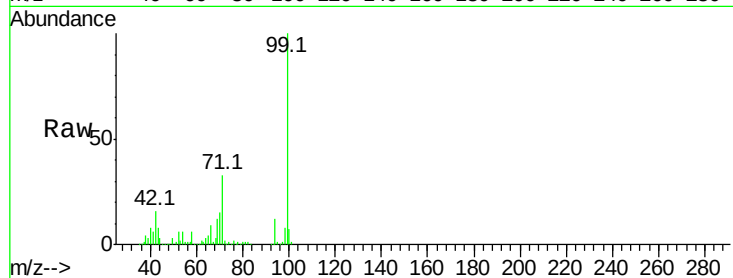
Tot Ion: 99 Resp: 1365015

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 33.4 25.4 38.0



#8

2-Chlorophenol

Concen: 35.207 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

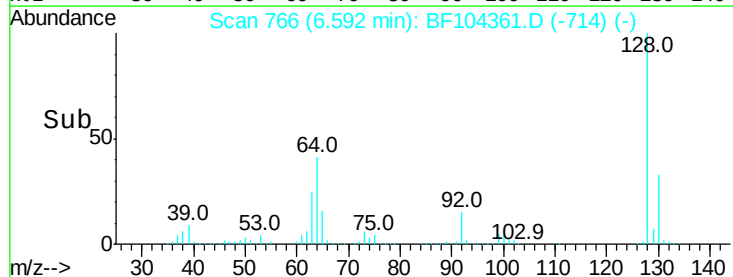
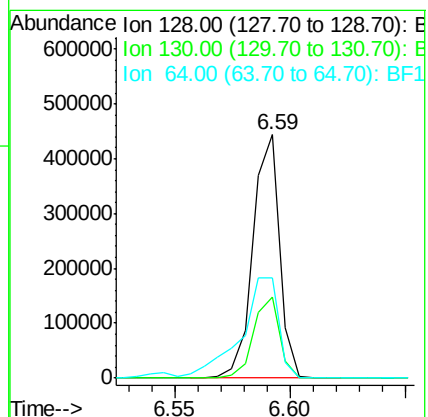
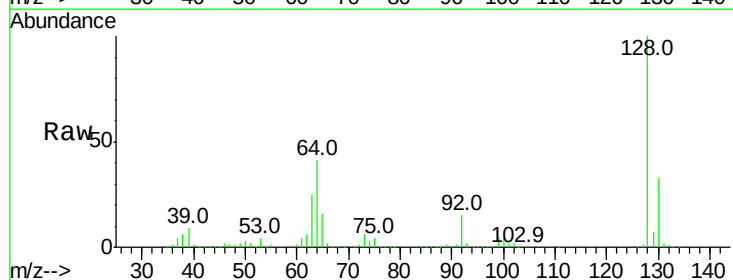
Tgt Ion:128 Resp: 358396

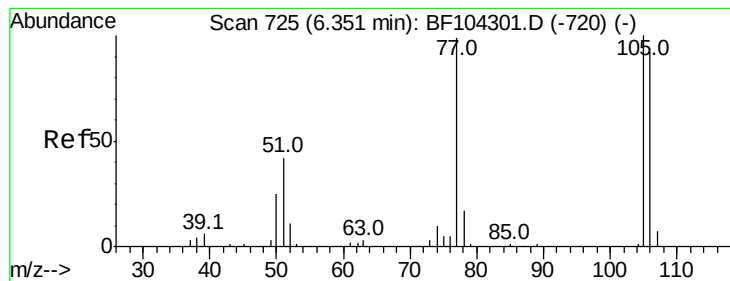
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 40.9 29.4 69.4





#9

Benzaldehyde

Concen: 13.789 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

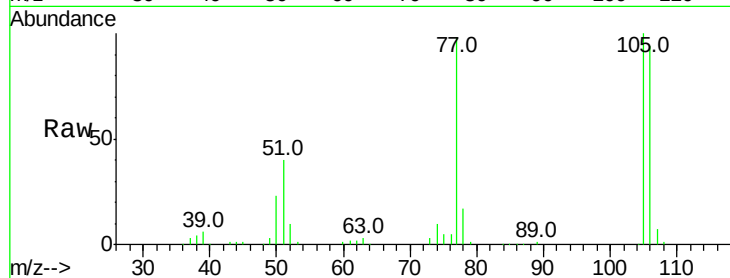
Tot Ion: 77 Resp: 105226

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

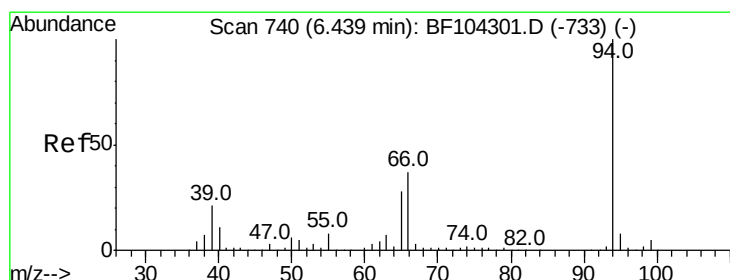
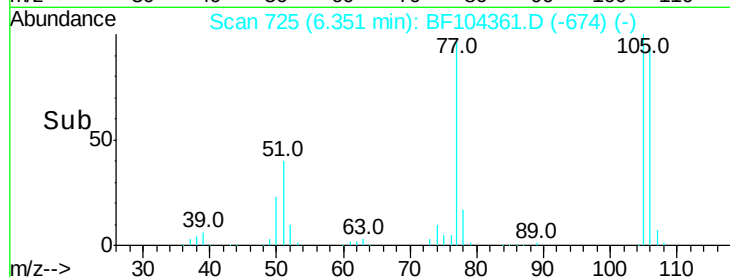
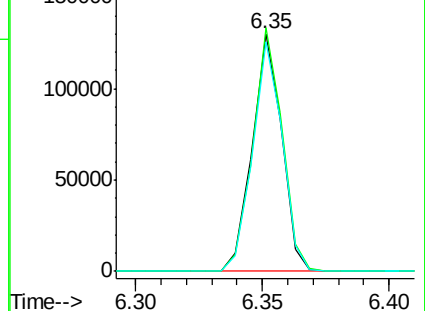
106 96.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.511 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

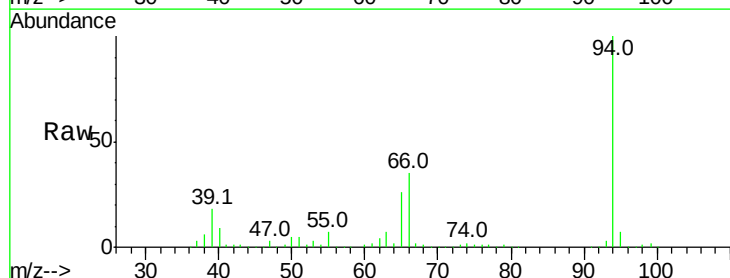
Tgt Ion: 94 Resp: 471649

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

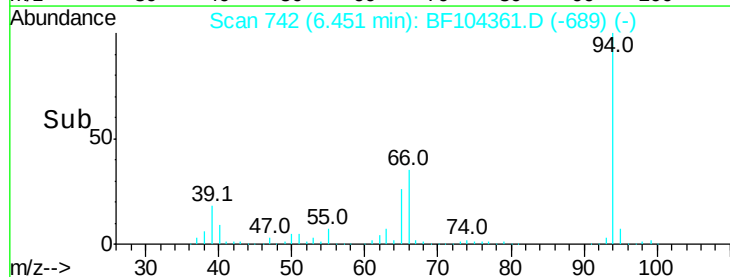
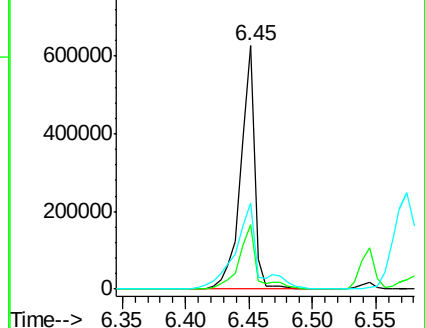
66 35.4 16.2 56.2

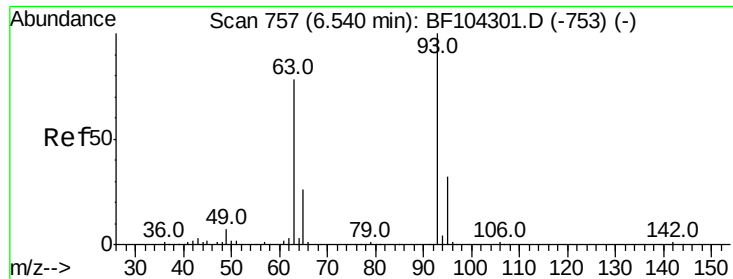


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

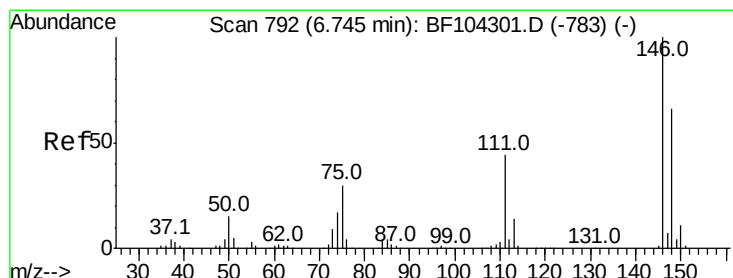
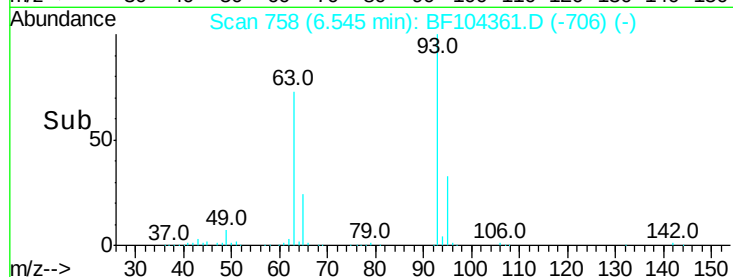
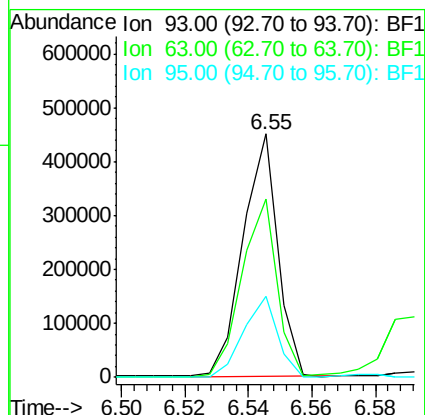
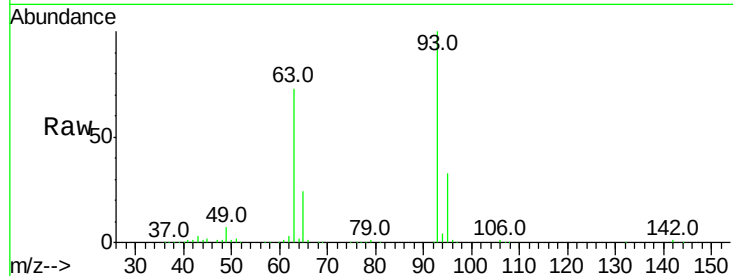




#11
 bis(2-Chloroethyl)ether
 Concen: 33.992 ng
 RT: 6.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

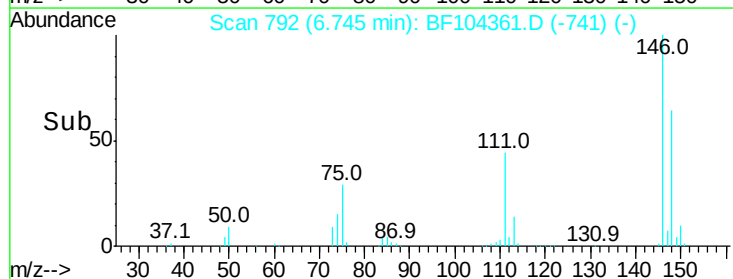
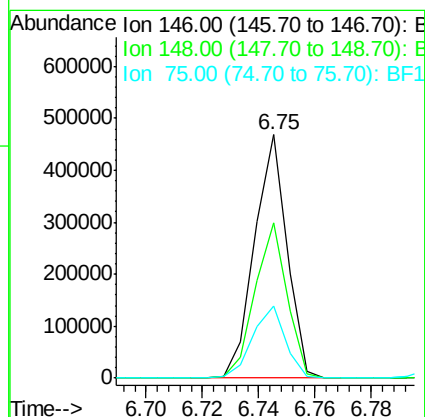
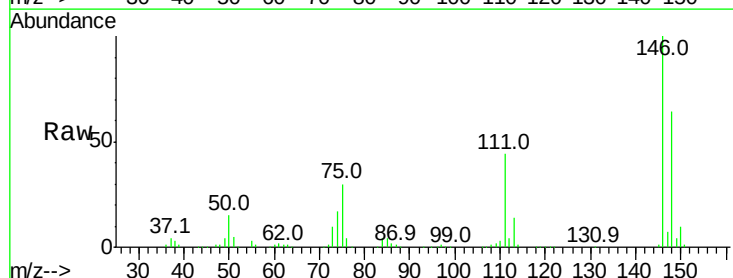
Instrument :
 BNA_F
 ClientSampleId :

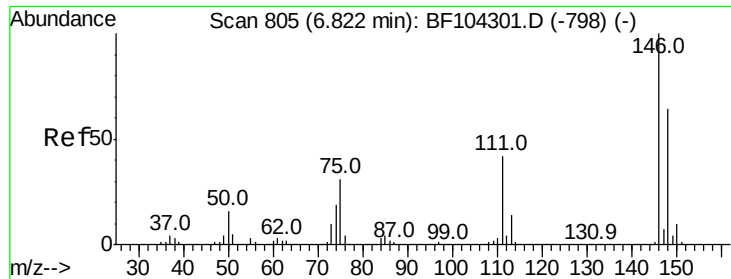
Tot Ion: 93 Resp: 341068
 Ion Ratio Lower Upper
 93 100
 63 73.2 58.6 98.6
 95 33.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 32.293 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion: 146 Resp: 372423
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 75 29.8 24.2 36.4

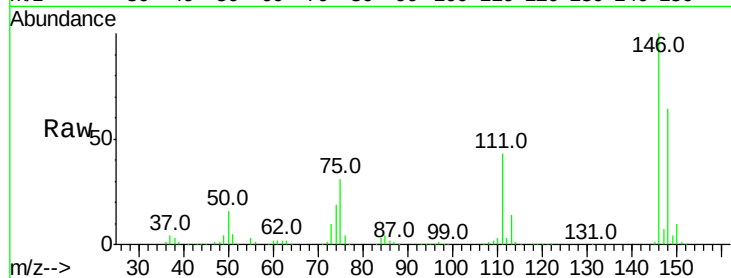




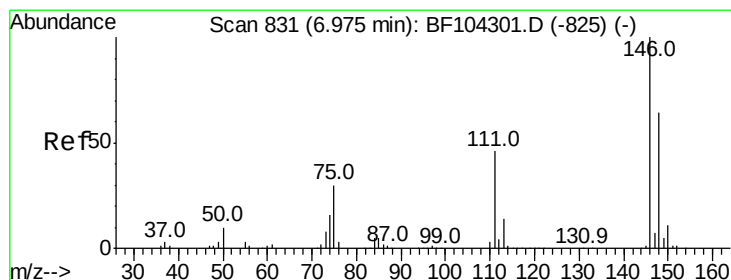
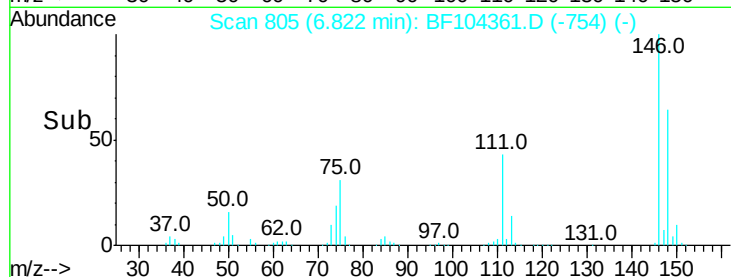
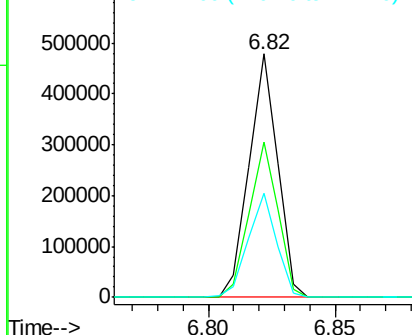
#13
 1,4-Dichlorobenzene
 Concen: 32.802 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 377093
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.9 34.2 51.2

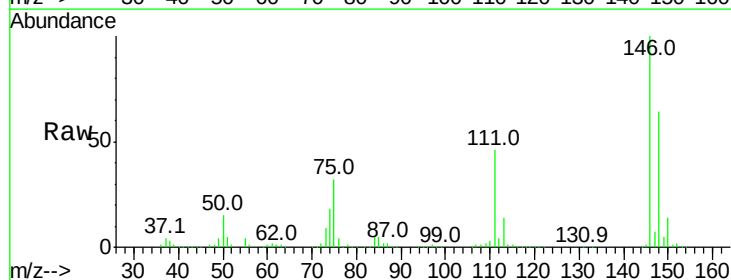


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

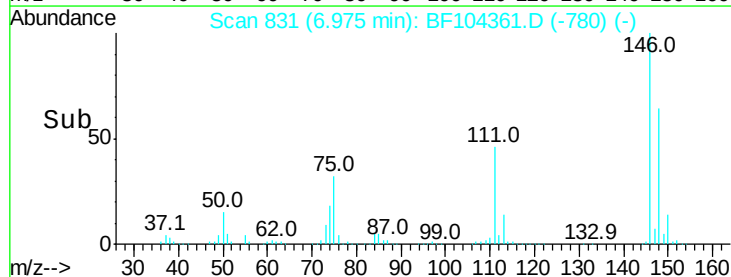
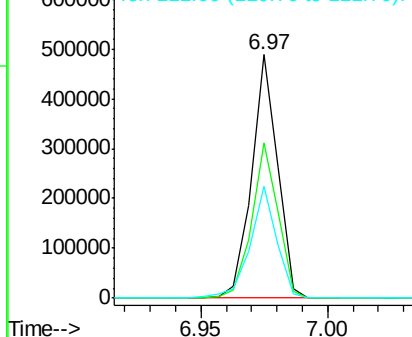


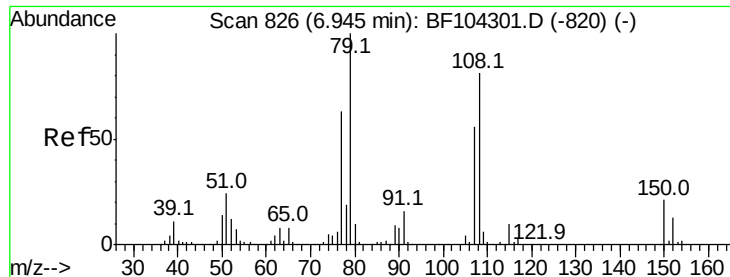
#14
 1,2-Dichlorobenzene
 Concen: 32.618 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:146 Resp: 347491
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 45.7 36.0 54.0



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

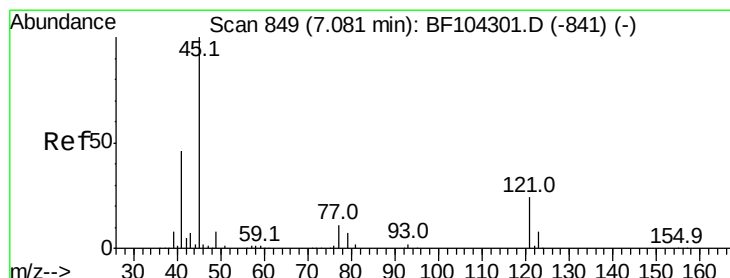
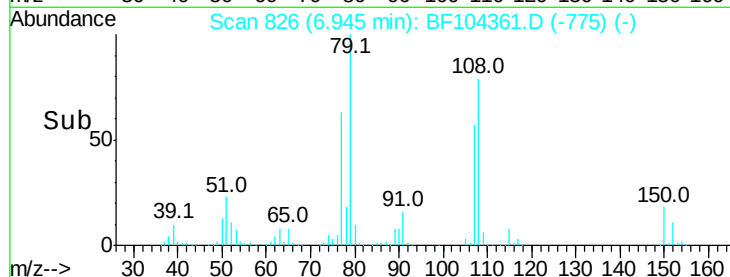
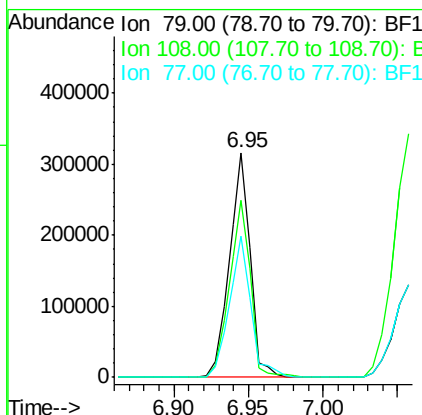
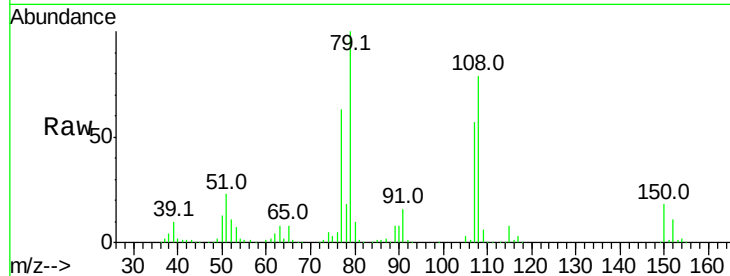




#15
Benzyl Alcohol
Concen: 34.454 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

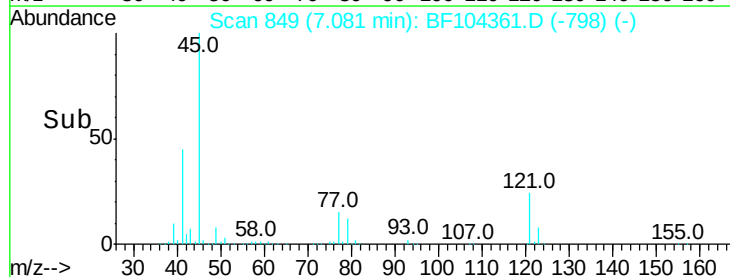
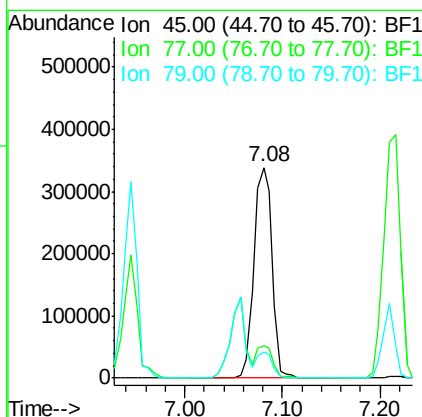
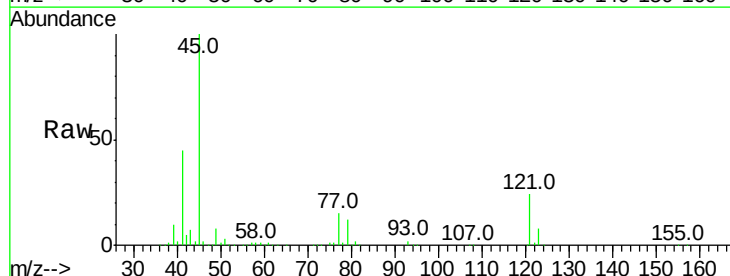
Instrument :
BNA_F
ClientSampleId :

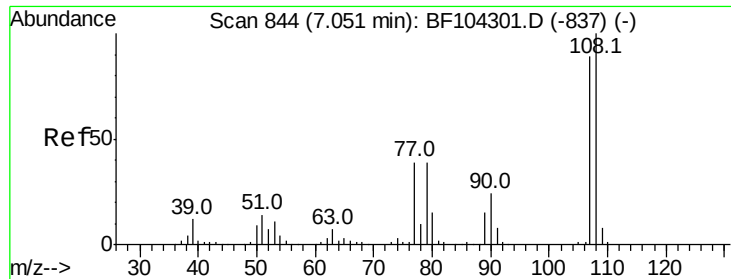
Tot Ion: 79 Resp: 310111
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.880 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion: 45 Resp: 443064
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.9
79 12.1 0.0 29.6

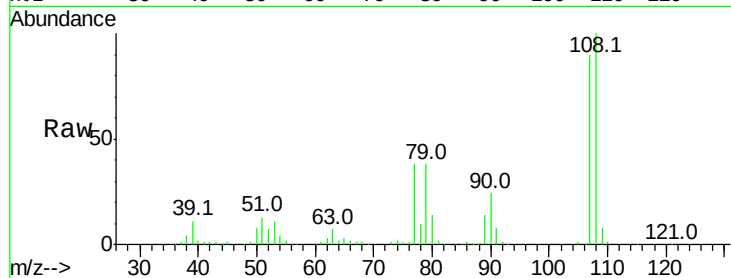




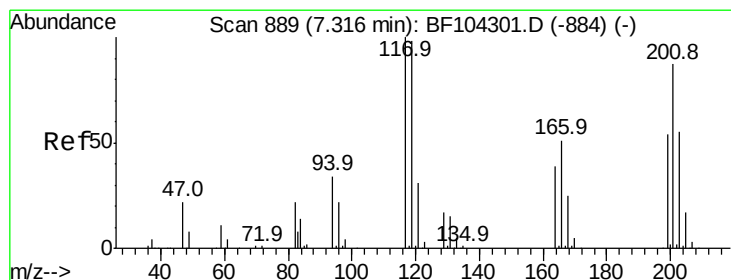
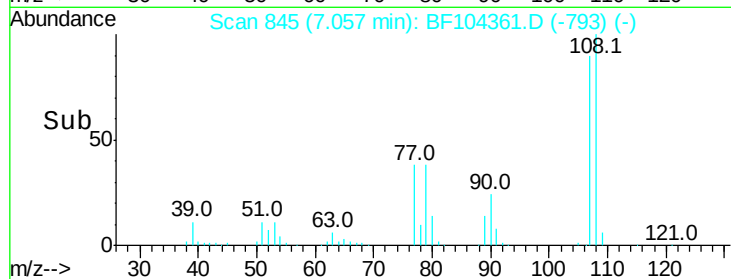
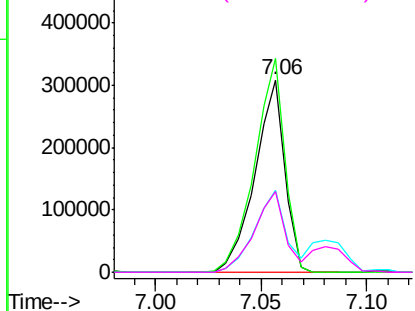
#17
2-Methylphenol
Concen: 34.425 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 304619
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 42.4 33.8 50.8
79 42.2 33.8 50.8

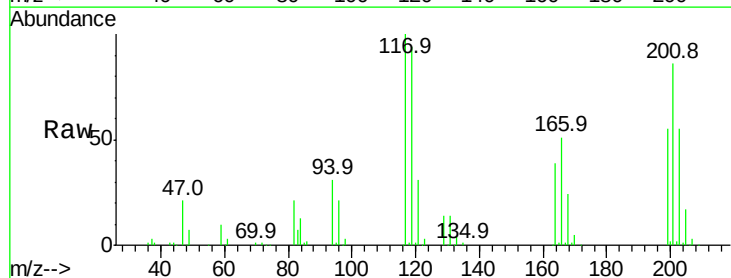


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

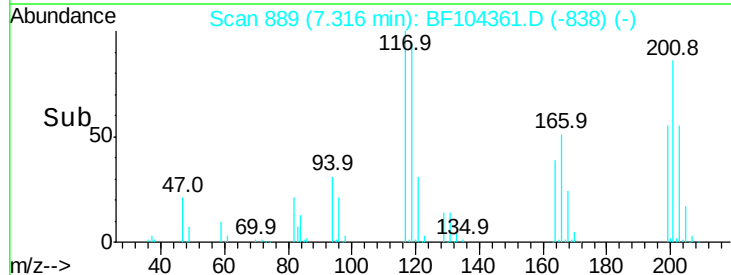
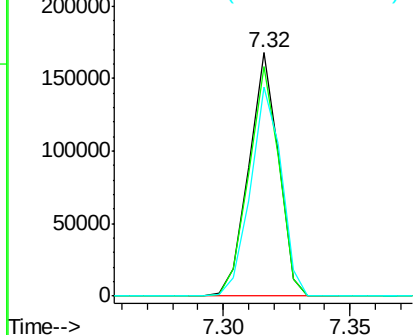


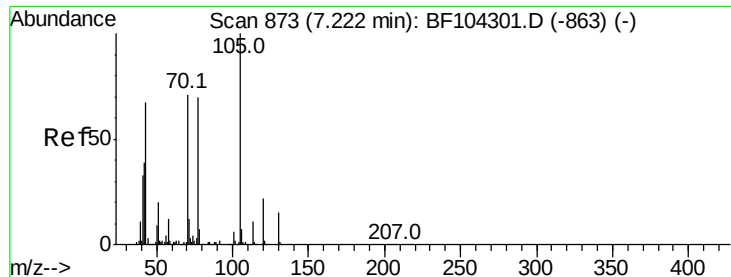
#18
Hexachloroethane
Concen: 33.458 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:117 Resp: 137138
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 86.1 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

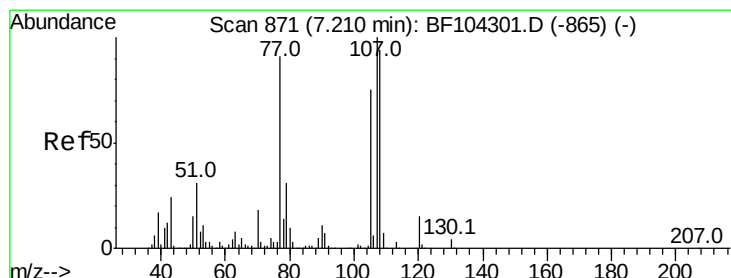
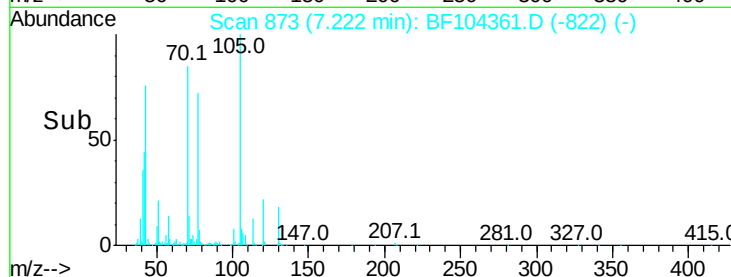
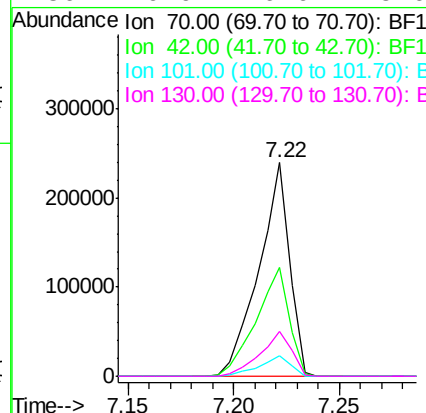
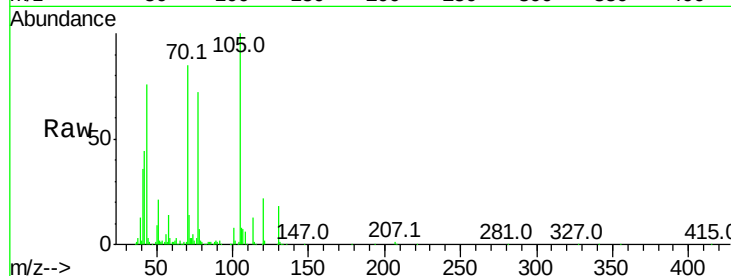




#19
n-Nitroso-di-n-propylamine
Concen: 31.368 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

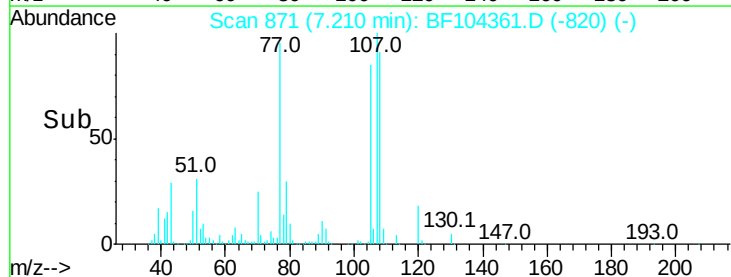
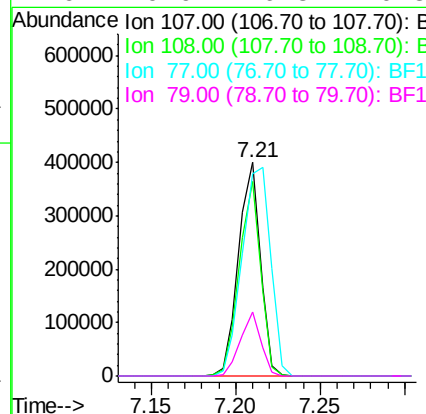
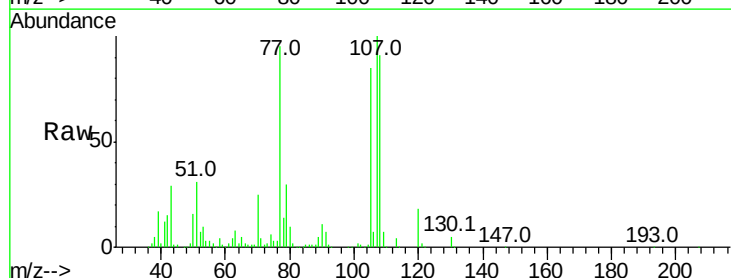
Instrument :
BNA_F
ClientSampleId :

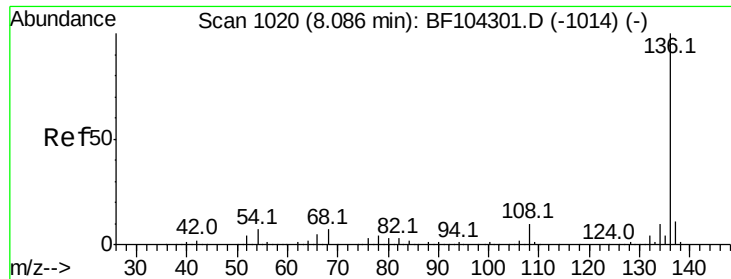
Tot Ion: 70 Resp: 242903
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 9.7 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.715 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion: 107 Resp: 359034
Ion Ratio Lower Upper
107 100
108 91.3 68.2 108.2
77 94.9 26.7 66.7#
79 29.9 6.3 46.3

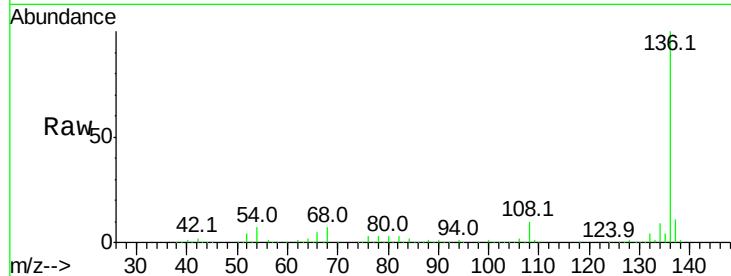




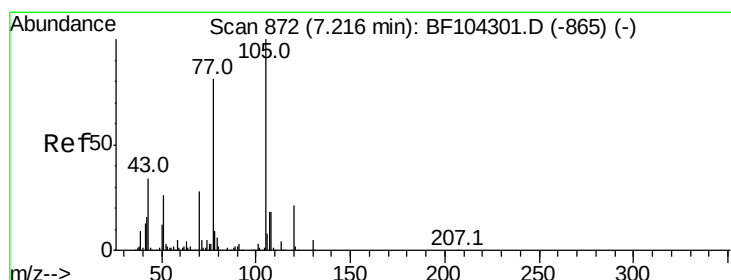
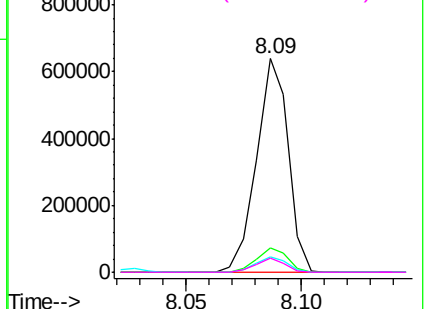
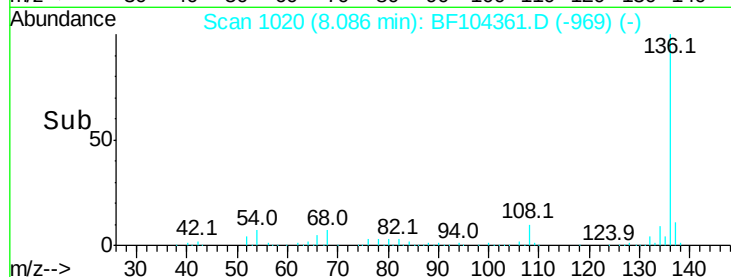
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	611825
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	6.6	5.0 7.4

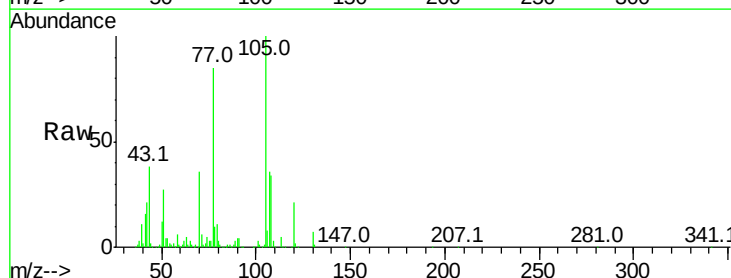


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

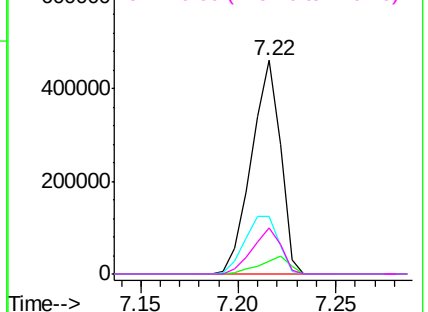
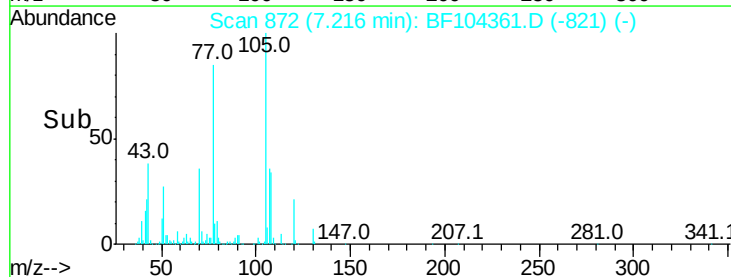


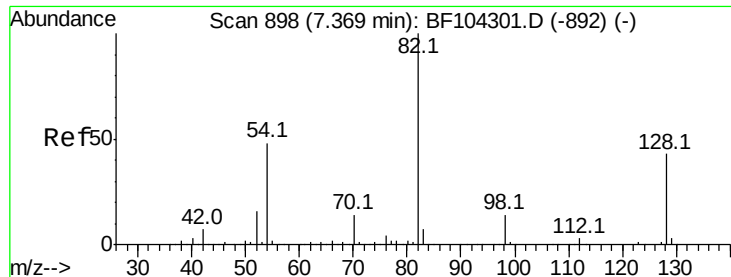
#22
Acetophenone
Concen: 31.702 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:105	Resp:	477517
Ion Ratio	Lower	Upper
105	100	
71	6.1	4.4 6.6
51	26.9	22.3 33.5
120	21.4	16.9 25.3



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

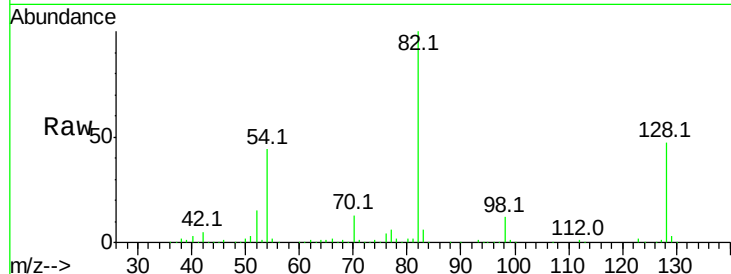




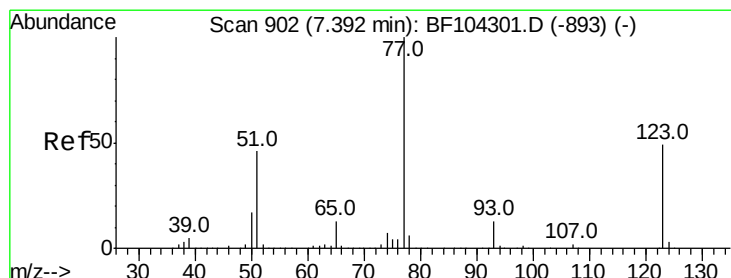
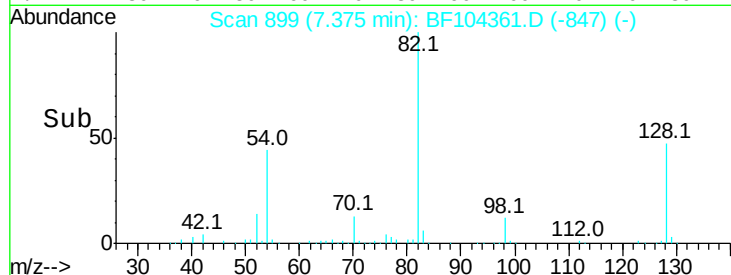
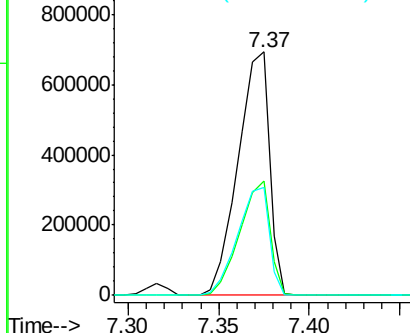
#23
 Nitrobenzene-d5
 Concen: 89.414 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 837787
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 44.3 41.4 62.2

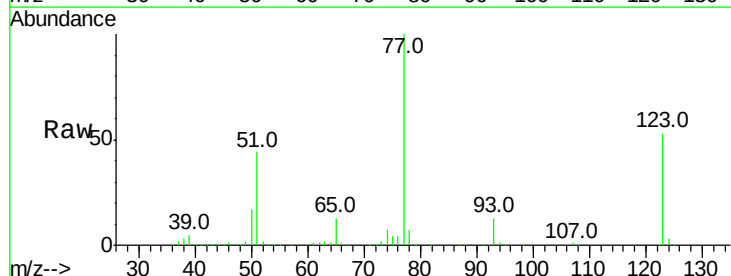


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

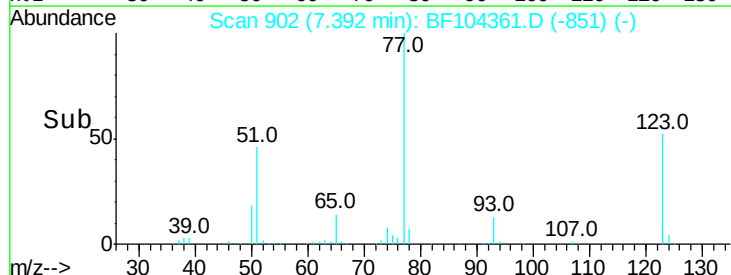
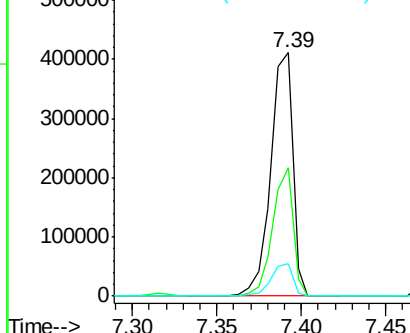


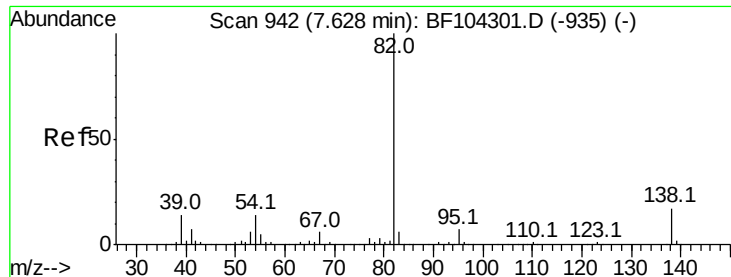
#24
 Nitrobenzene
 Concen: 35.967 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion: 77 Resp: 372070
 Ion Ratio Lower Upper
 77 100
 123 52.6 37.9 56.9
 65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 34.470 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

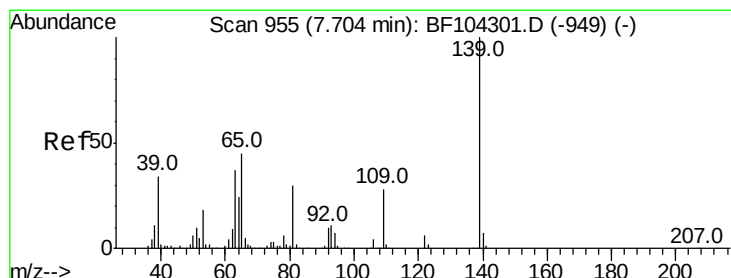
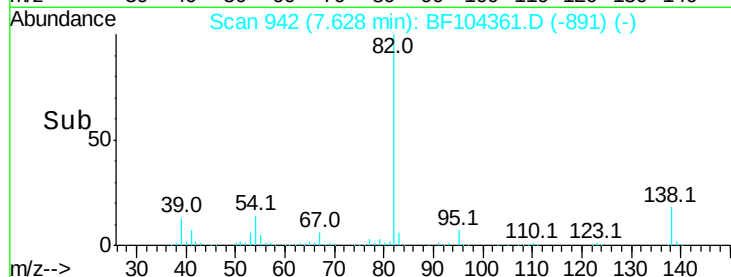
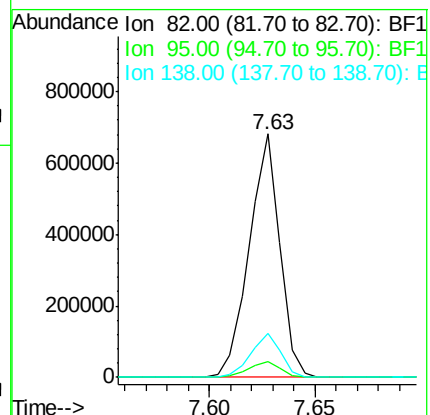
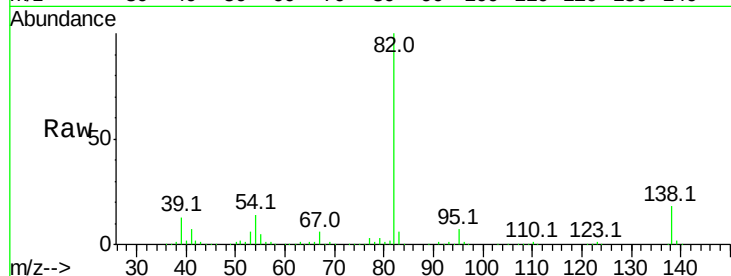
Tot Ion: 82 Resp: 682983

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 45.430 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

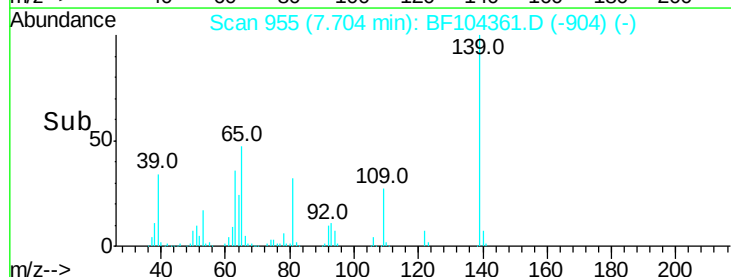
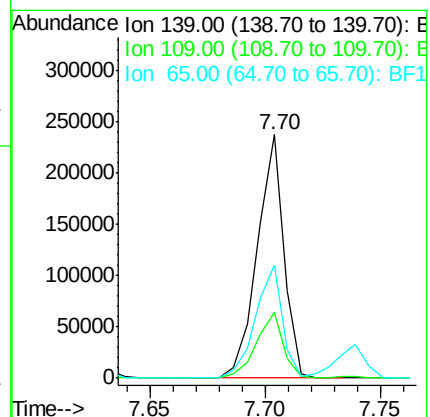
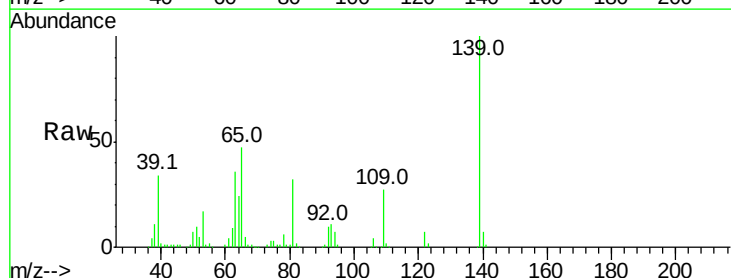
Tgt Ion:139 Resp: 191322

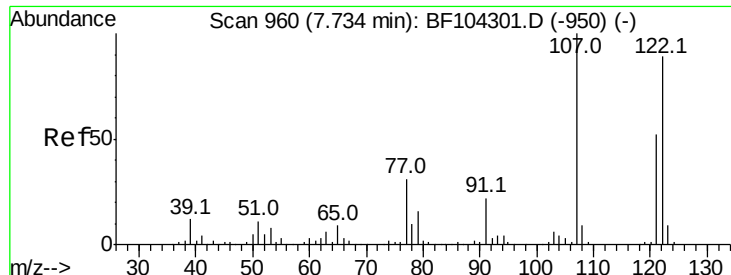
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 46.6 40.5 60.7

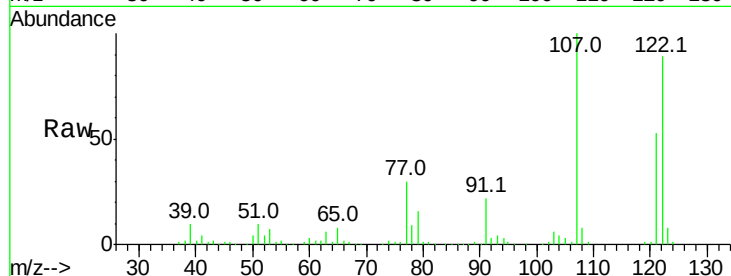




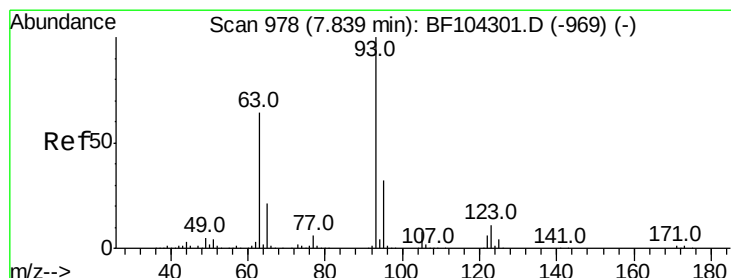
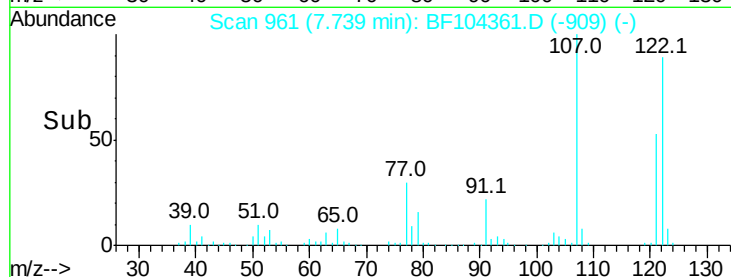
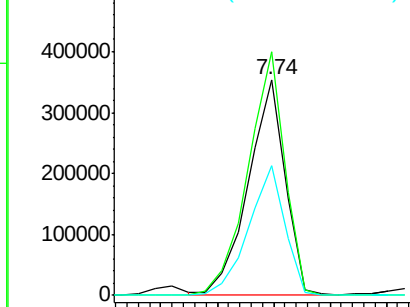
#27
 2,4-Dimethylphenol
 Concen: 36.749 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 321348
 Ion Ratio Lower Upper
 122 100
 107 112.8 91.2 136.8
 121 60.0 47.2 70.8

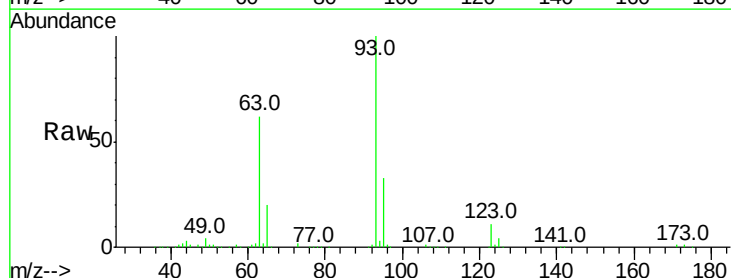


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

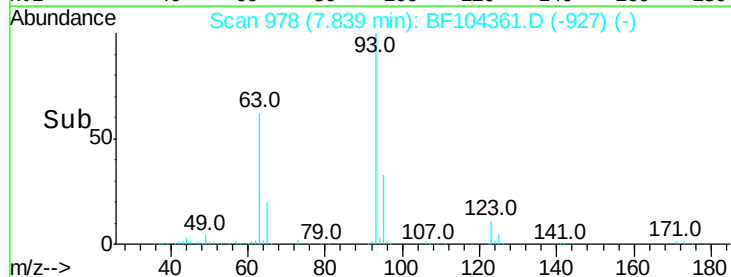
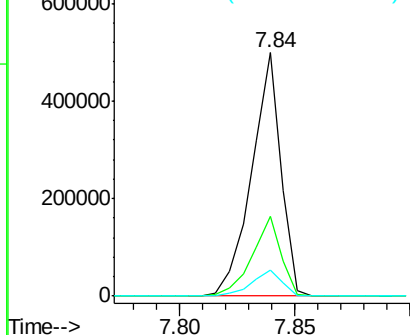


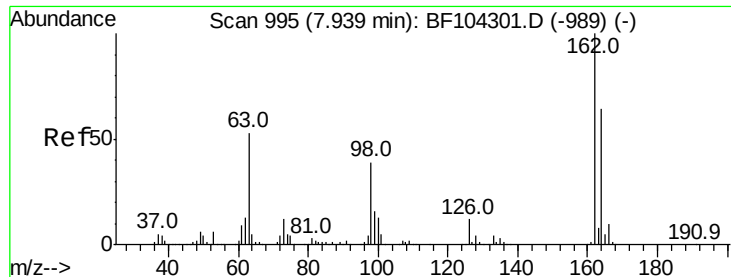
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.416 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion: 93 Resp: 441148
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 10.7 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

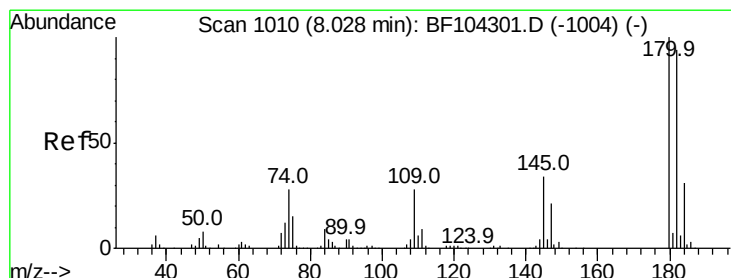
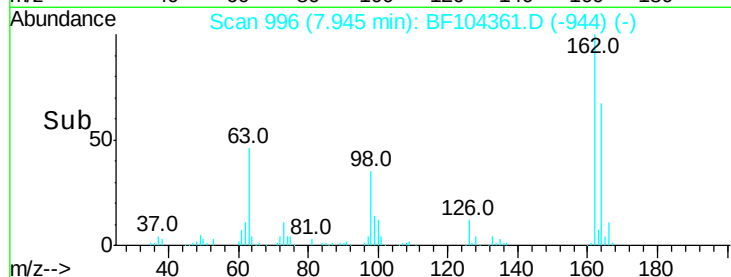
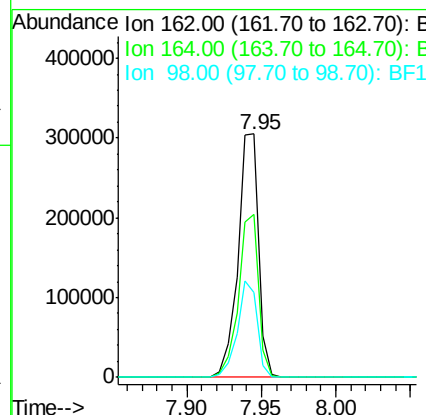
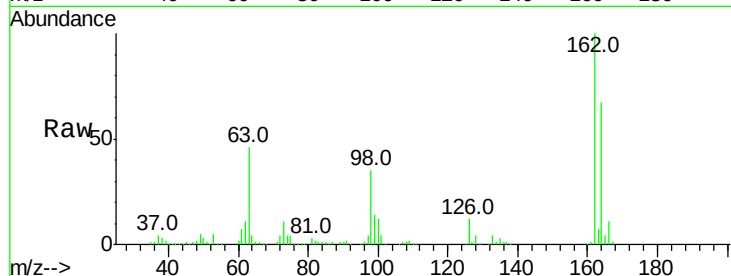




#29
 2,4-Dichlorophenol
 Concen: 35.705 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

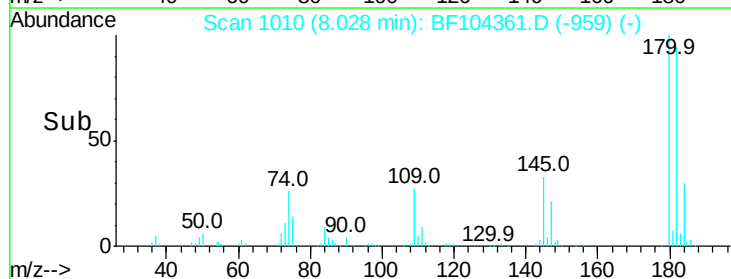
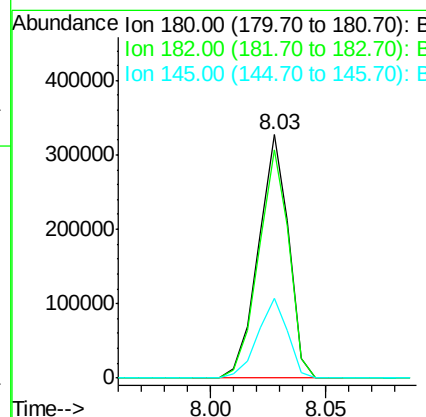
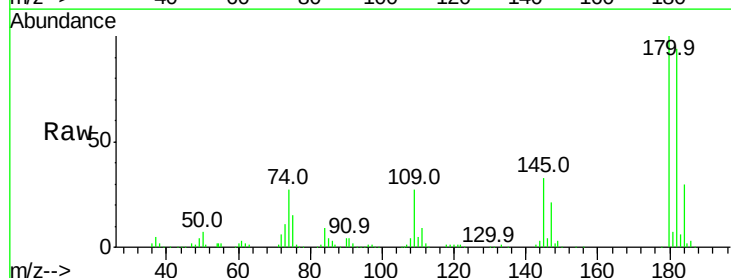
Instrument :
 BNA_F
 ClientSampleId :

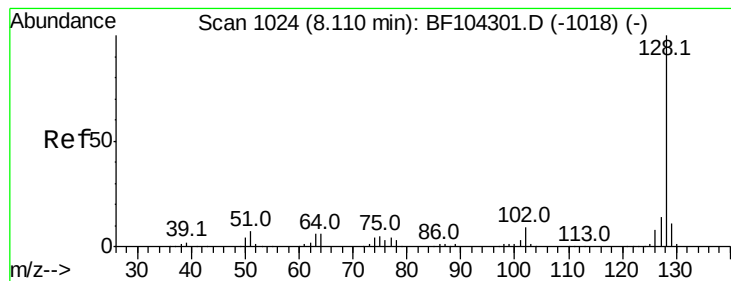
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	42.7	82.7
98	34.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.558 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 33.241 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

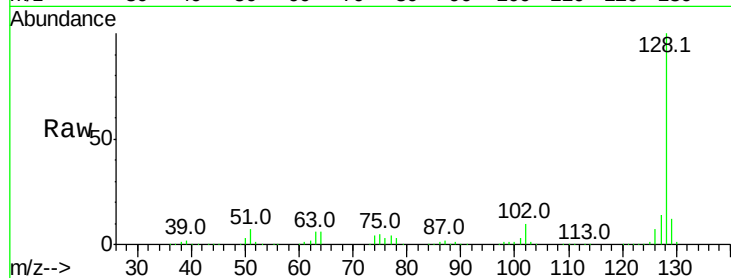
Tot Ion:128 Resp: 1012711

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

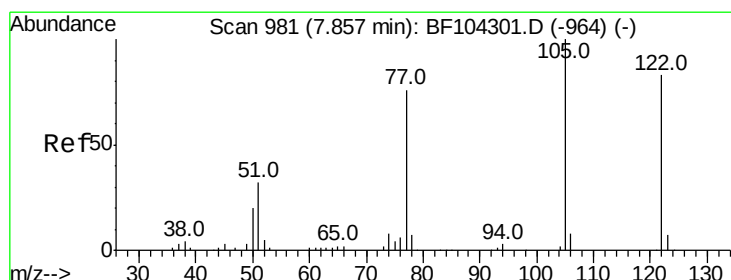
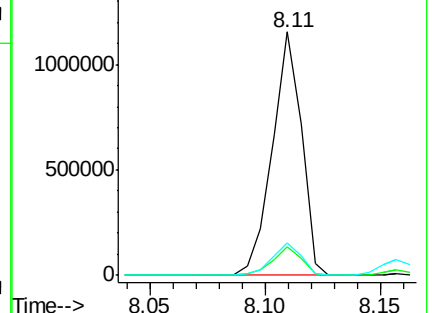
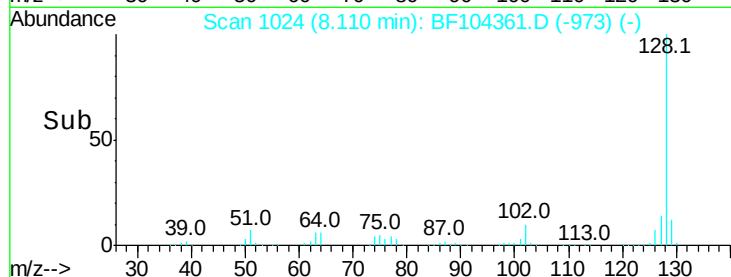
127 13.5 10.9 16.3



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: 2.132 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.06 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

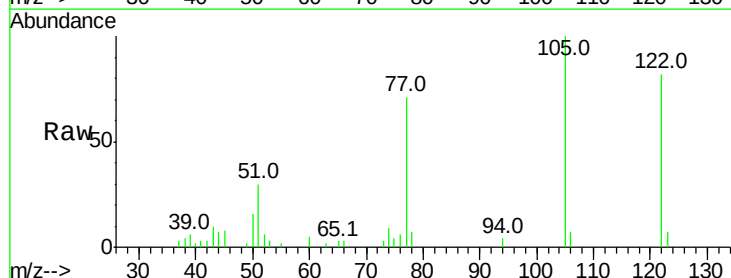
Tgt Ion:122 Resp: 14875

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

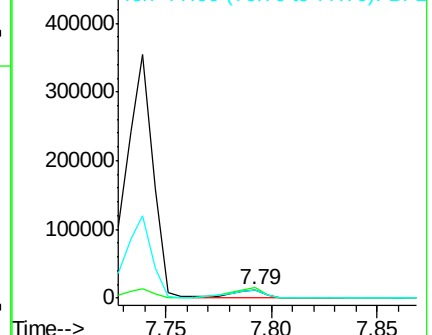
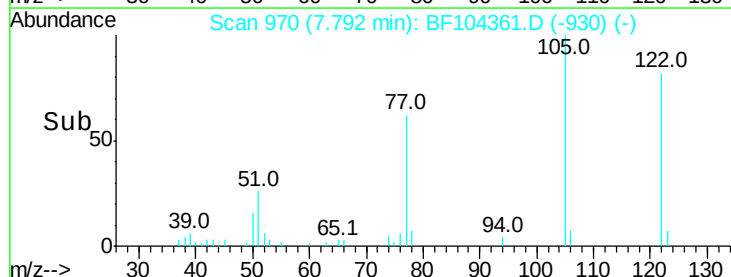
77 86.7 70.7 110.7

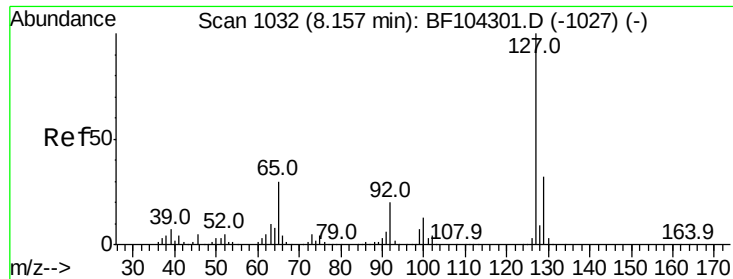


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

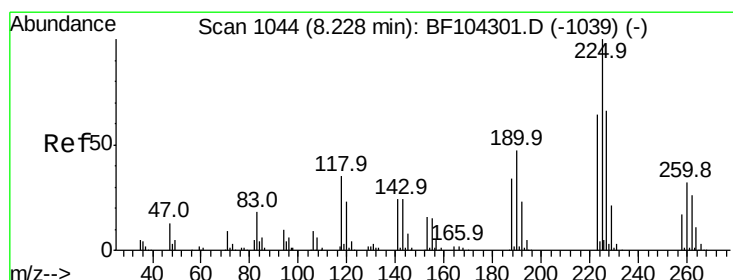
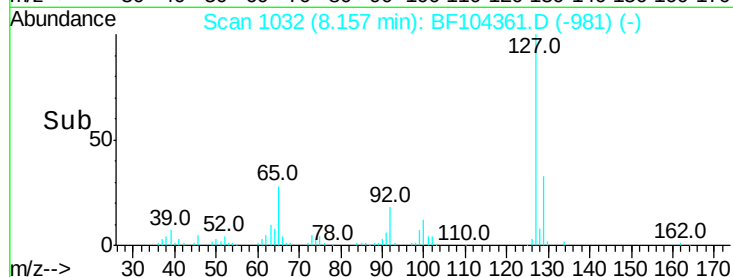
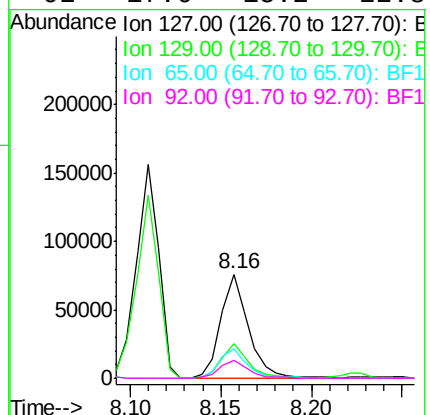
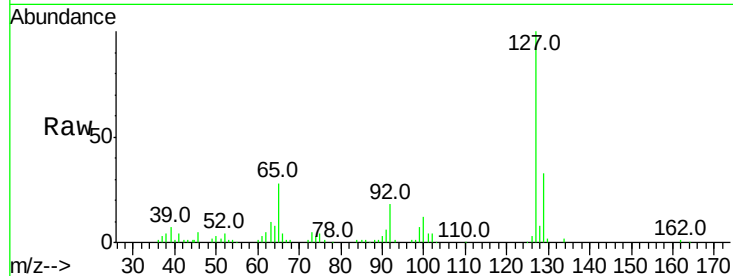




#33
4-Chloroaniline
Concen: 6.240 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

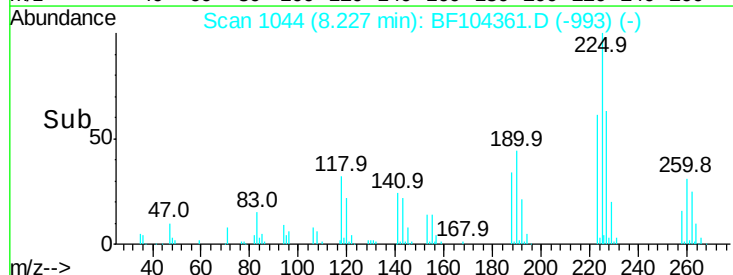
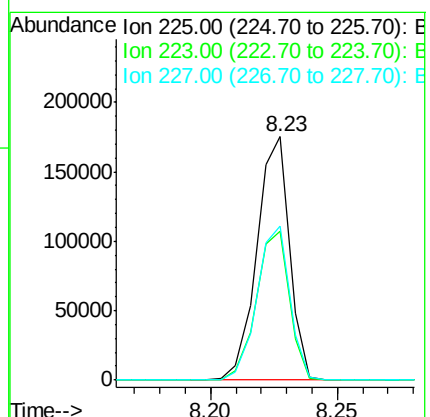
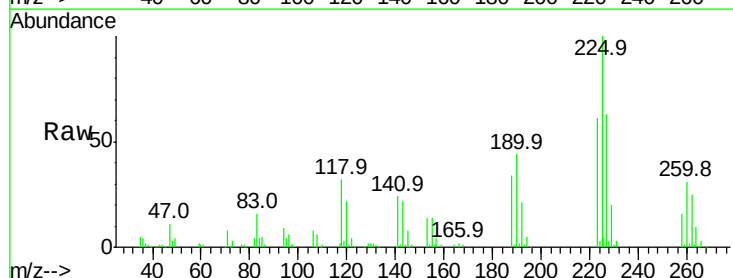
Instrument :
BNA_F
ClientSampled :

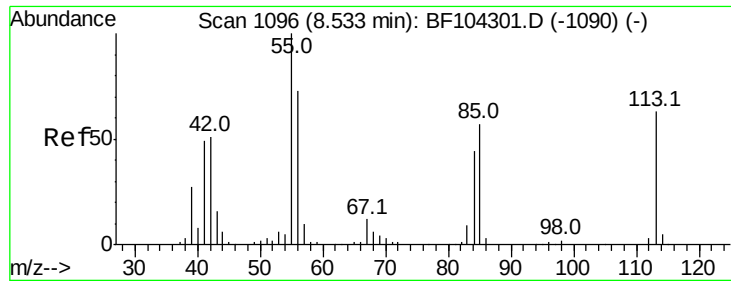
Tot Ion:	127	Resp:	81447
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	27.8	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 31.444 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:	225	Resp:	157707
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 20.063 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

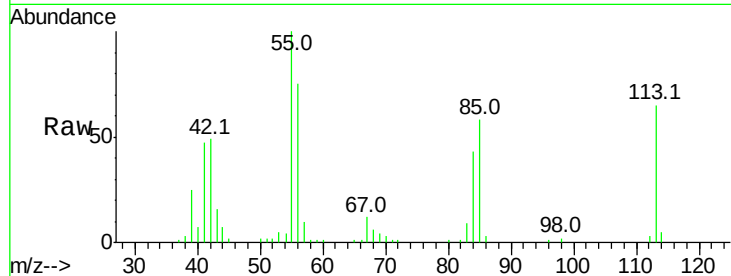
Tot Ion:113 Resp: 58396

Ion Ratio Lower Upper

113 100

55 153.1 163.3 203.3#

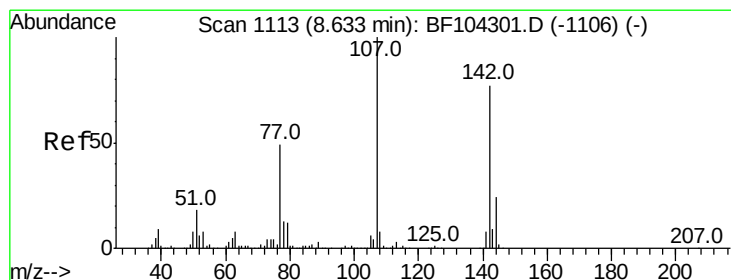
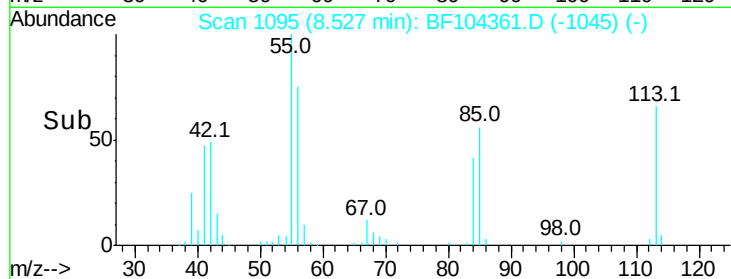
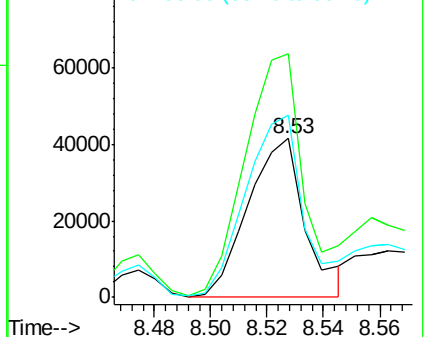
56 114.8 115.7 155.7#



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: 36.589 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

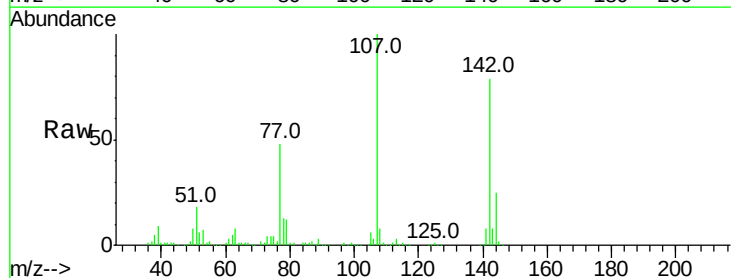
Tgt Ion:107 Resp: 327336

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

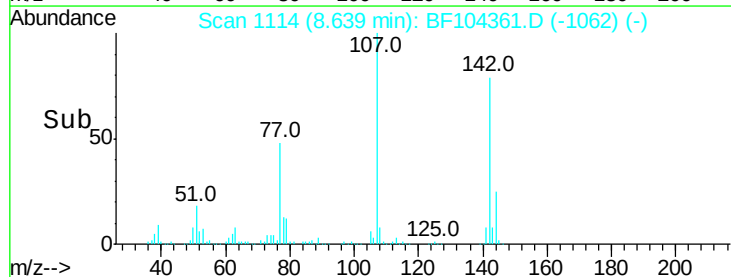
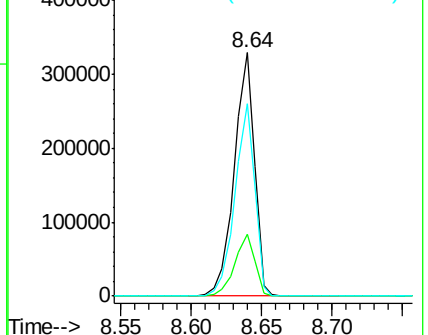
142 79.0 62.0 93.0

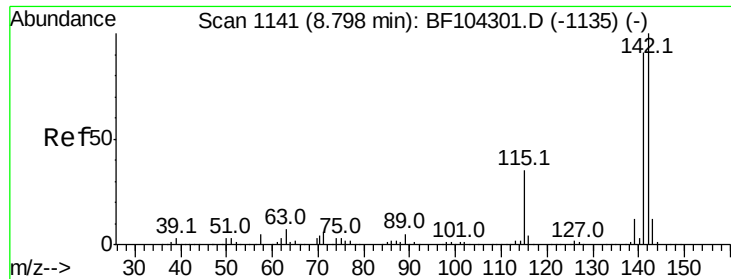


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

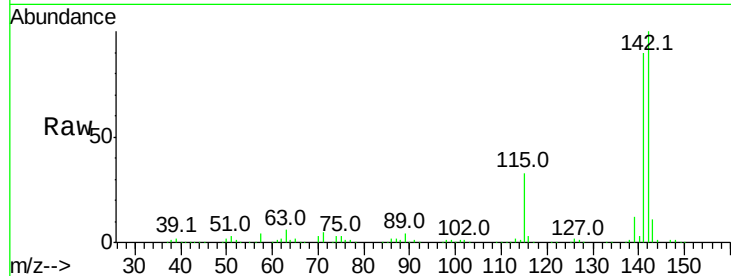




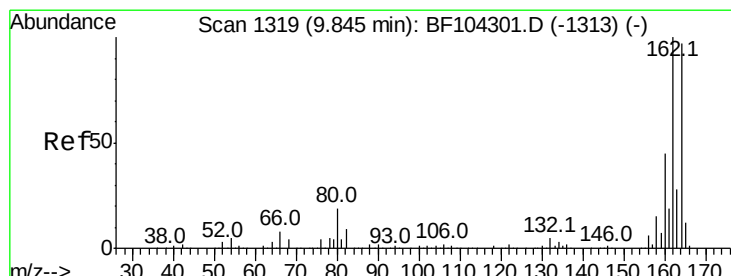
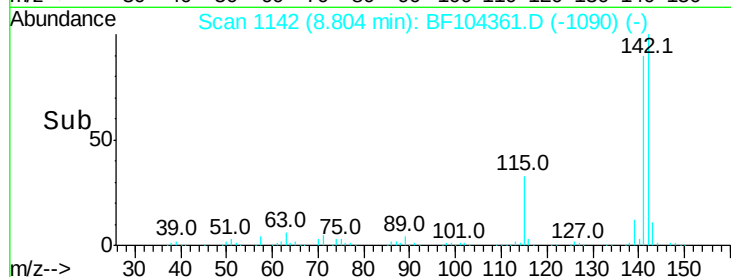
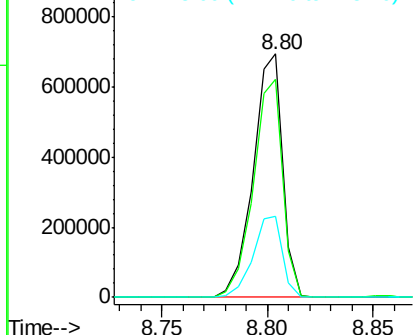
#37
2-Methylnaphthalene
Concen: 34.201 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.3	26.1	39.1

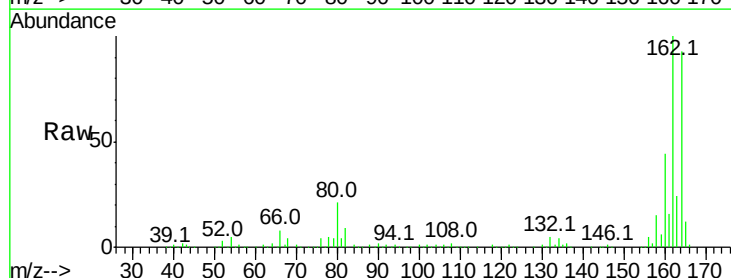


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

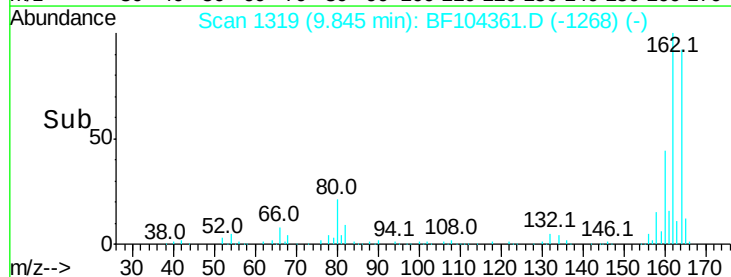
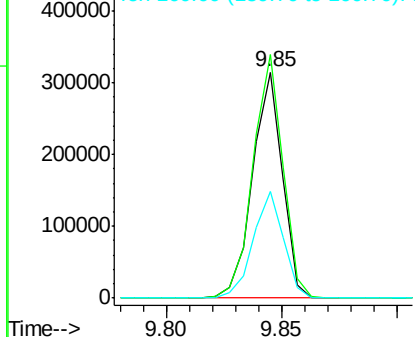


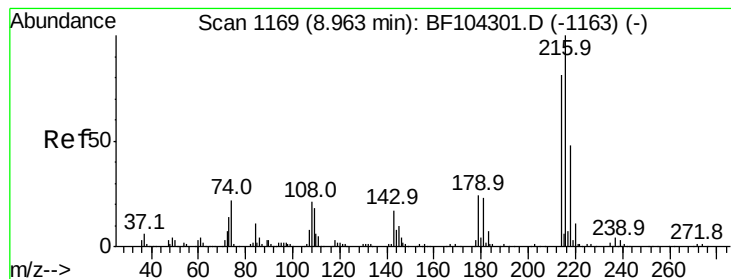
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	47.0	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.637 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 273784

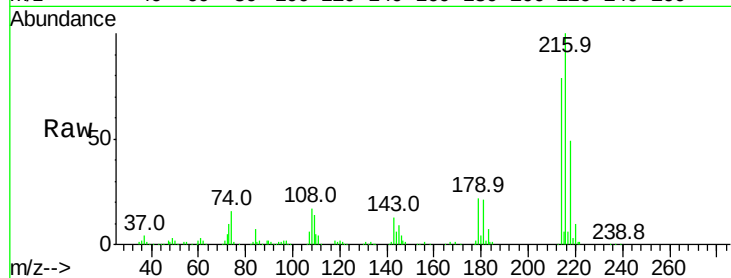
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.9 18.1 27.1

108 22.6 17.2 25.8

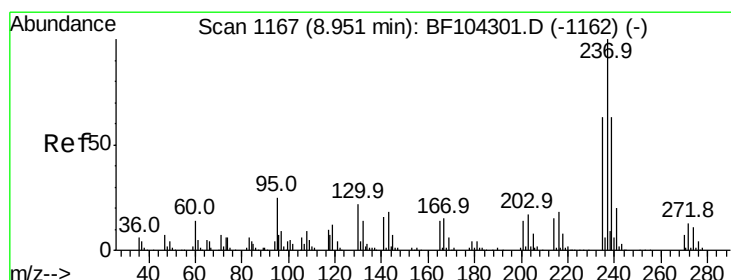
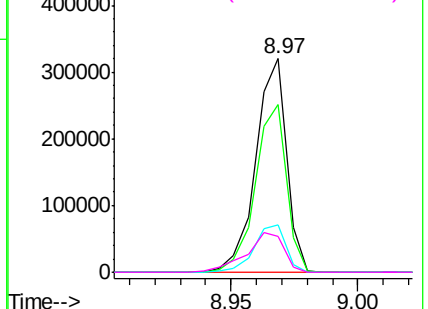
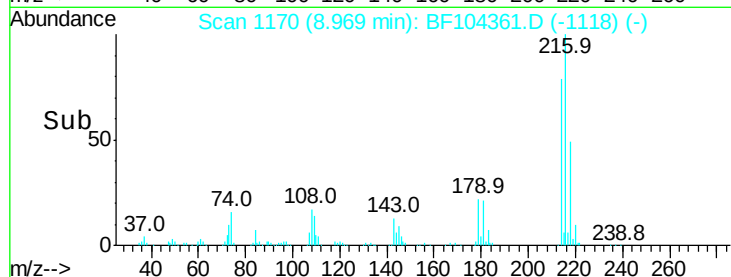


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.087 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

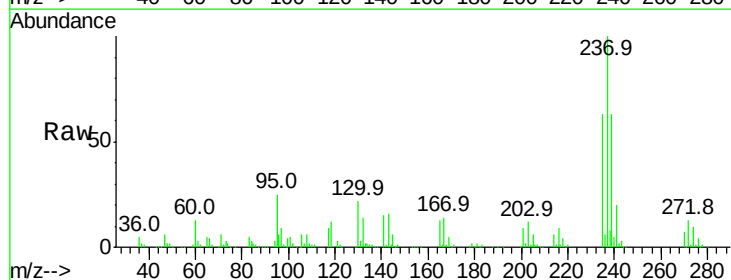
Tgt Ion:237 Resp: 287471

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

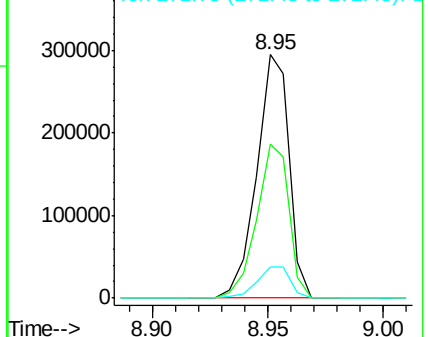
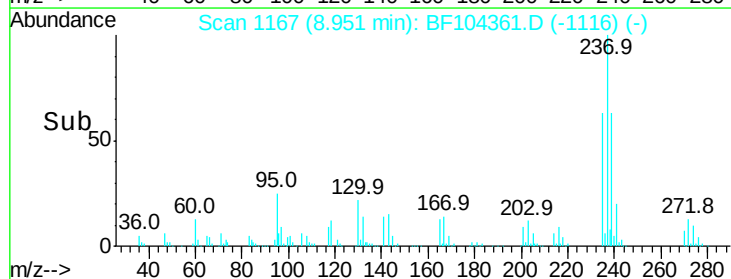
272 12.7 0.0 33.3

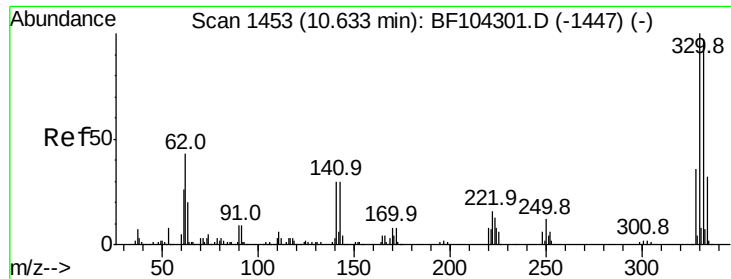


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

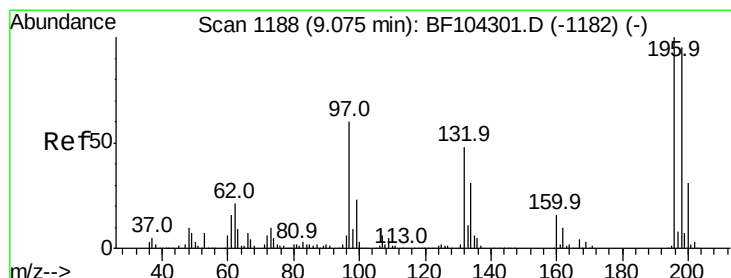
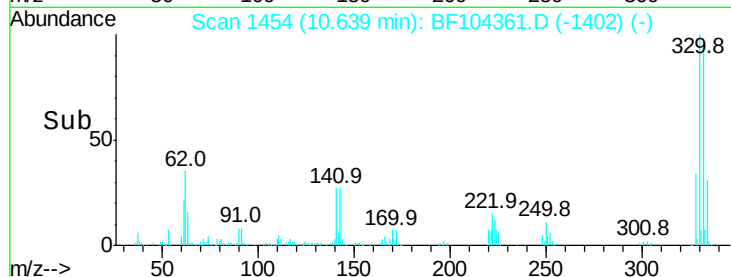
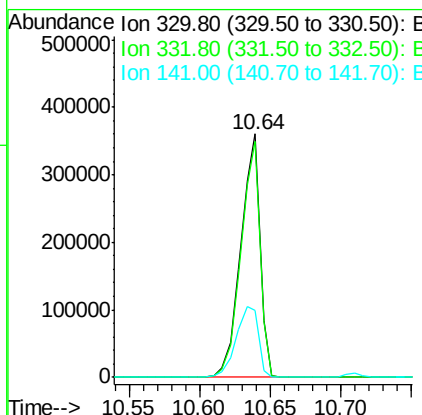
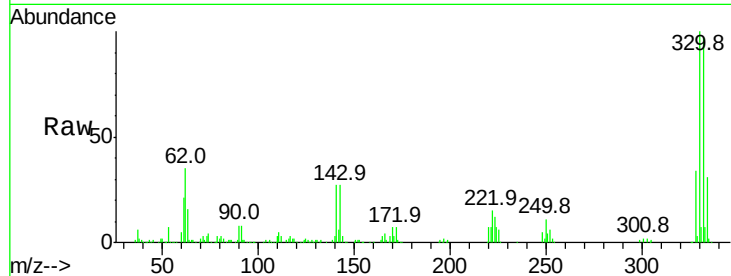




#41
 2,4,6-Tribromophenol
 Concen: 116.118 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

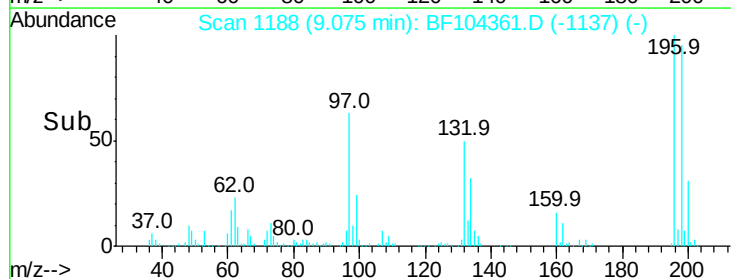
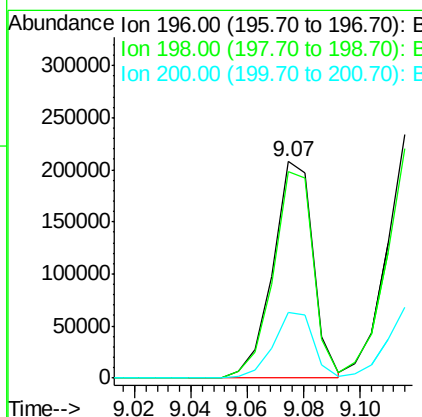
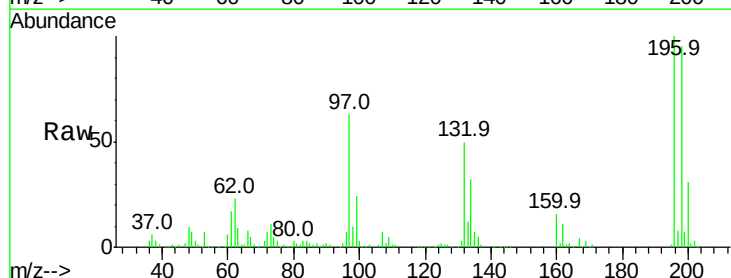
Instrument :
 BNA_F
 ClientSampled :

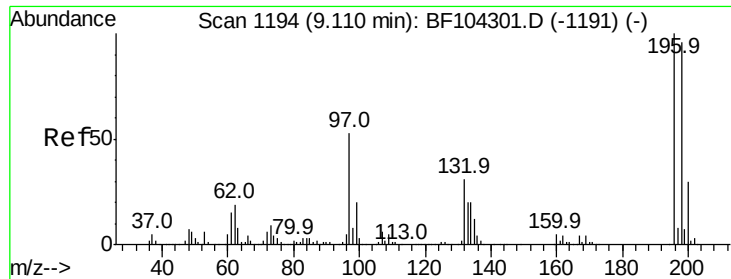
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.313 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.6	24.5	36.7

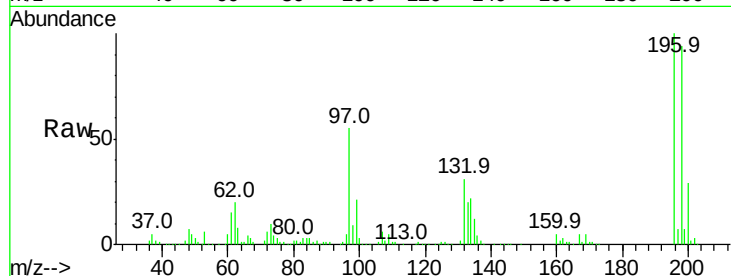




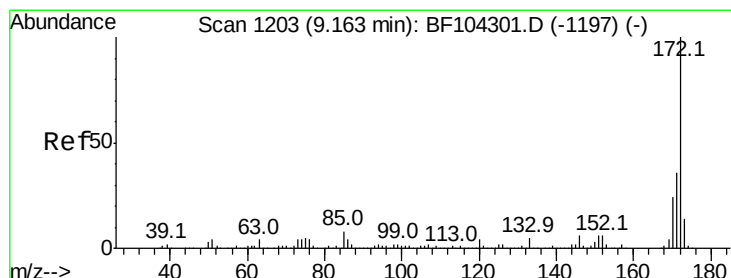
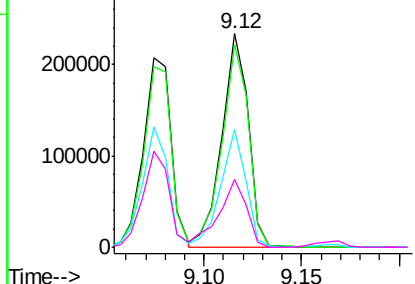
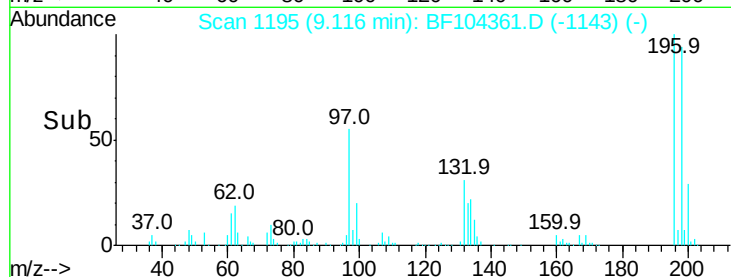
#43
 2,4,5-Trichlorophenol
 Concen: 34.689 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 219334
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 55.3 42.9 64.3
 132 31.5 26.3 39.5

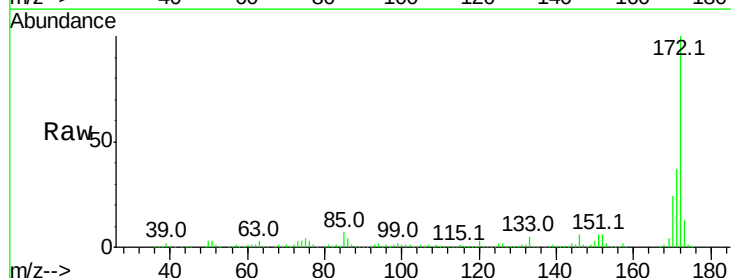


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

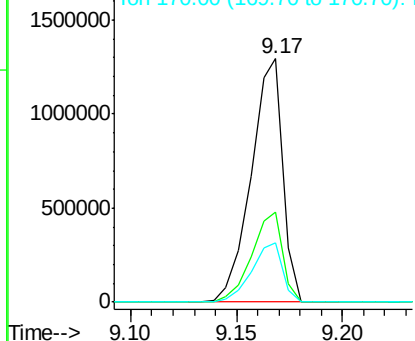
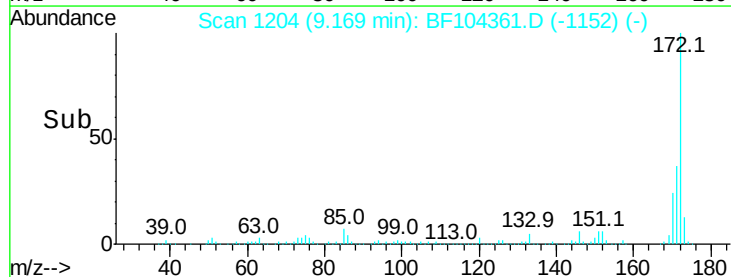


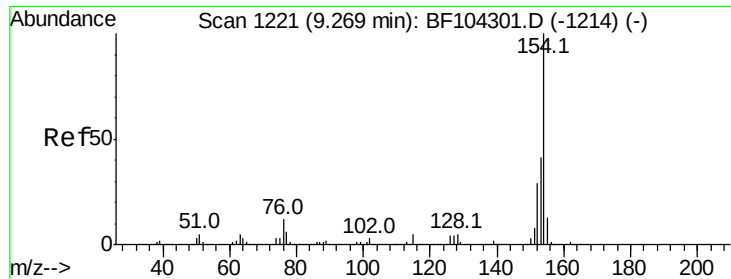
#44
 2-Fluorobiphenyl
 Concen: 74.703 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:172 Resp: 1344572
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.4 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: 33.014 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

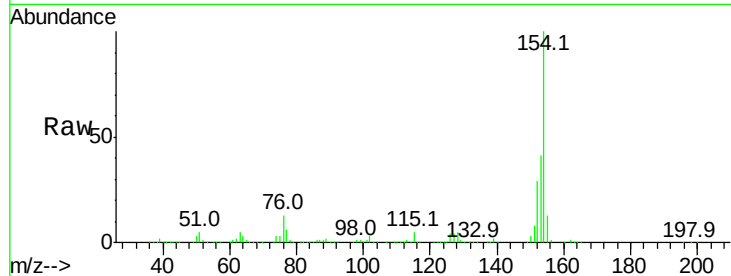
Tot Ion:154 Resp: 788585

Ion Ratio Lower Upper

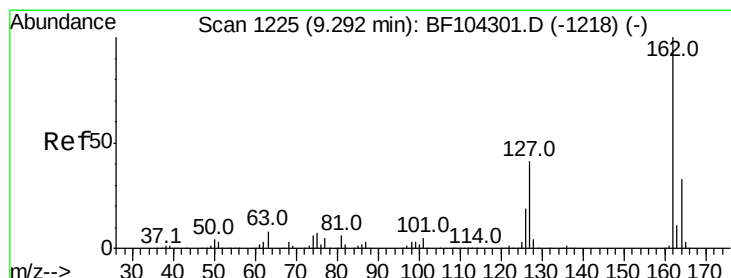
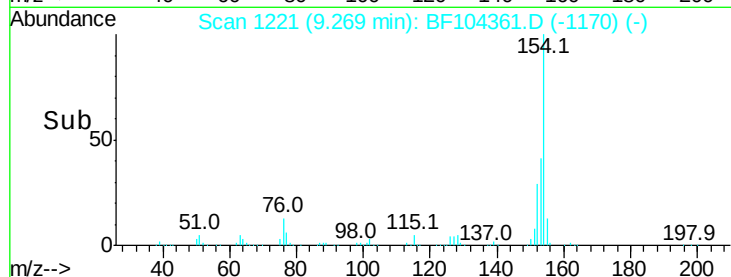
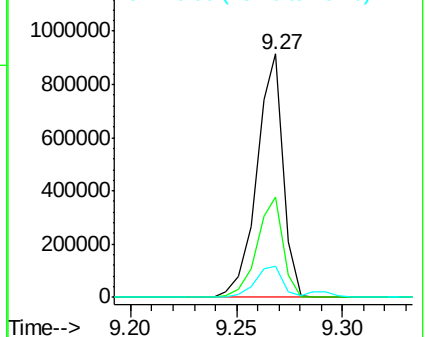
154 100

153 41.0 21.3 61.3

76 12.6 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 32.870 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

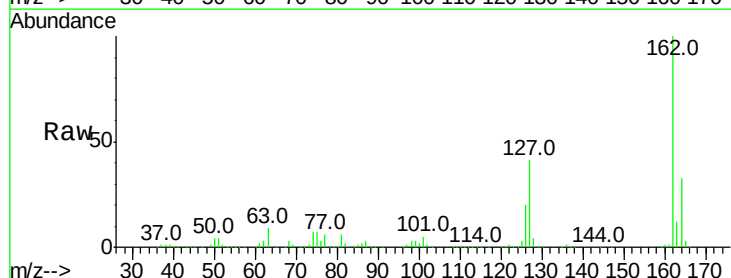
Tgt Ion:162 Resp: 620174

Ion Ratio Lower Upper

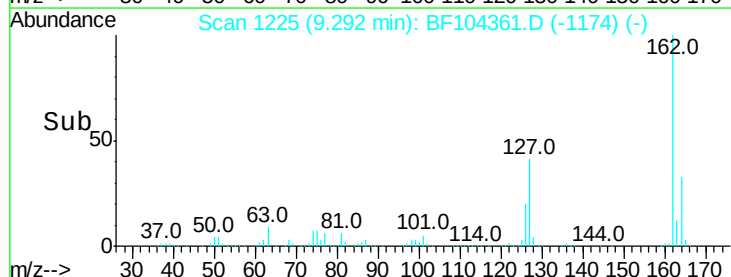
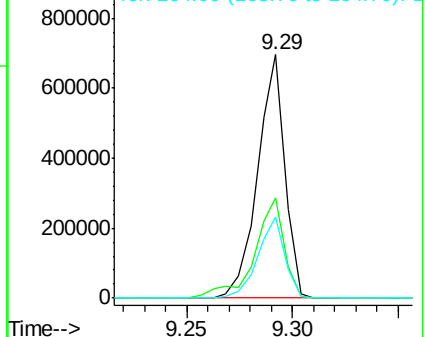
162 100

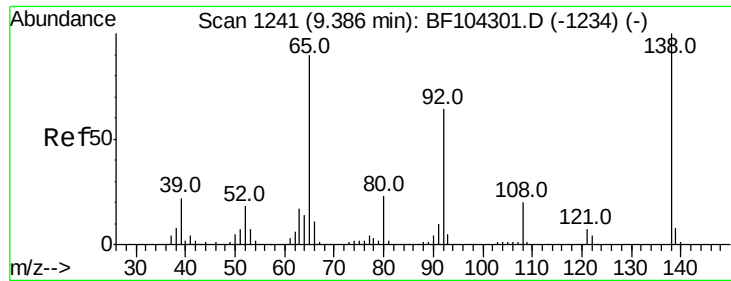
127 41.4 33.9 50.9

164 33.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

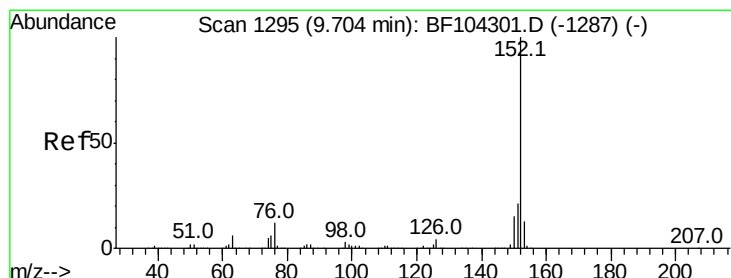
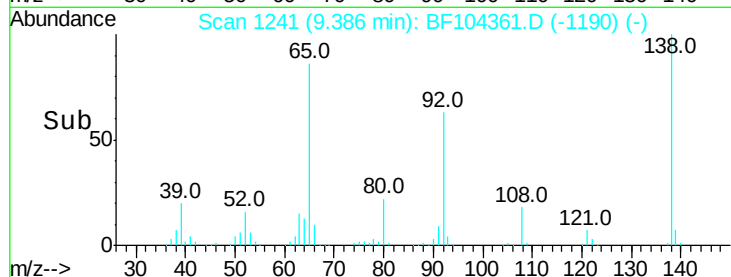
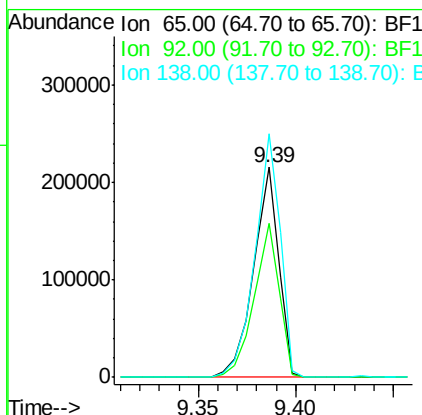
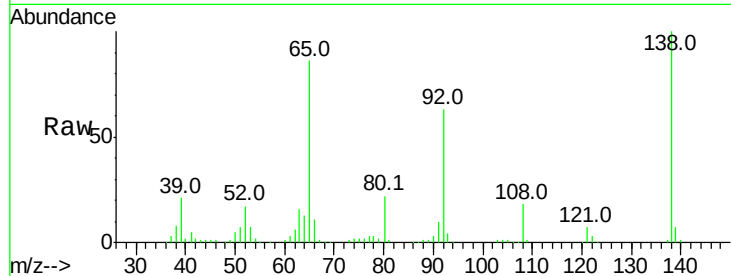




#47
 2-Nitroaniline
 Concen: 41.317 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

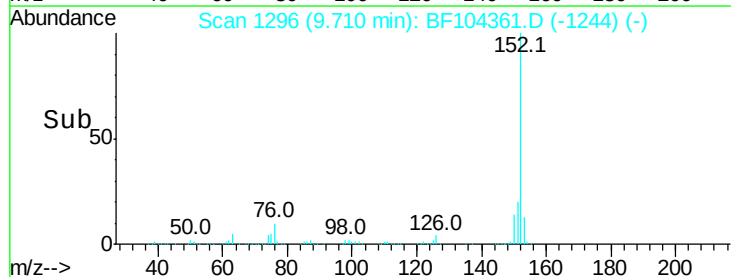
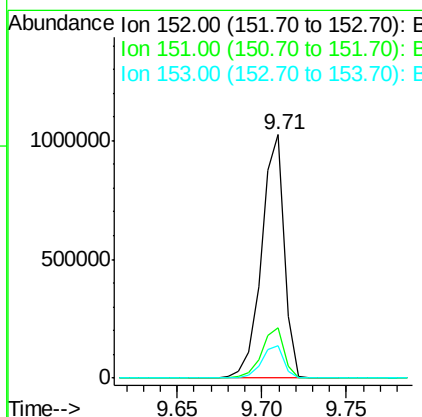
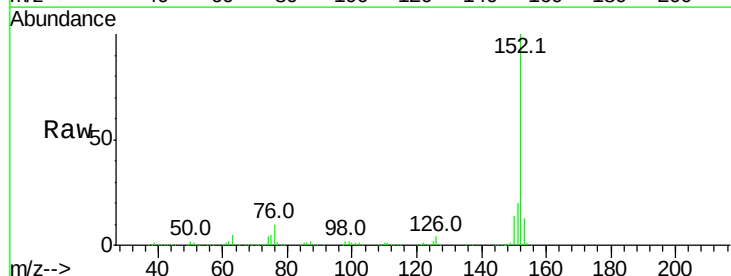
Instrument :
 BNA_F
 ClientSampleId :

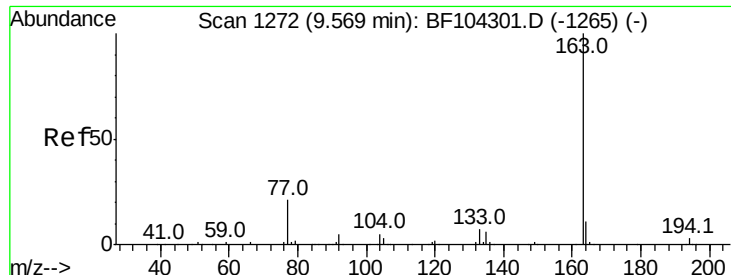
Tot Ion: 65 Resp: 192781
 Ion Ratio Lower Upper
 65 100
 92 73.5 55.8 83.6
 138 115.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 32.220 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:152 Resp: 953788
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.1 10.7 16.1

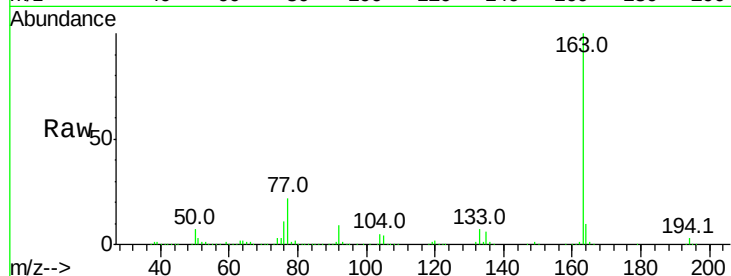




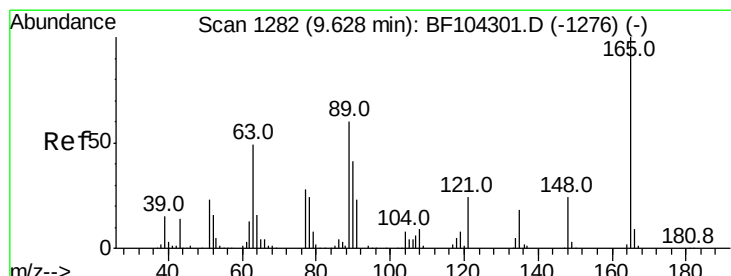
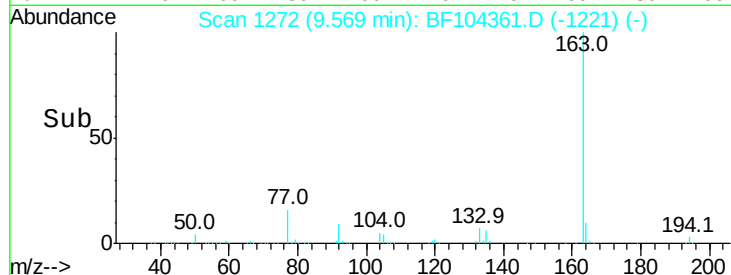
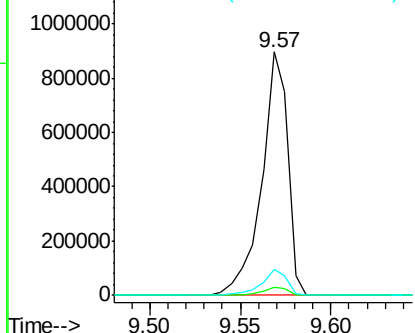
#49
 Dimethylphthalate
 Concen: 39.777 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:163 Resp: 891881
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.4 8.2 12.2

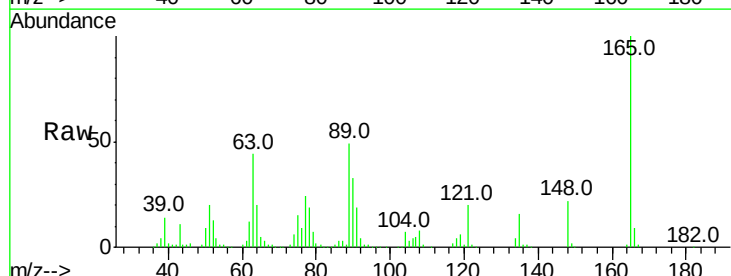


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

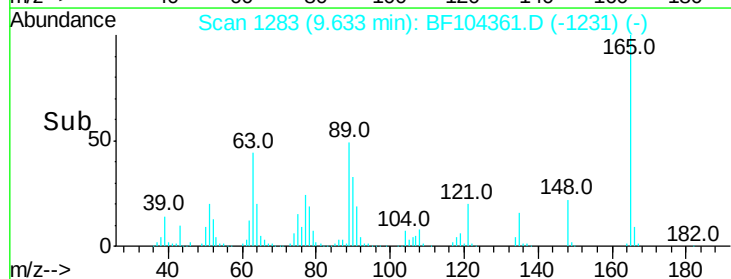
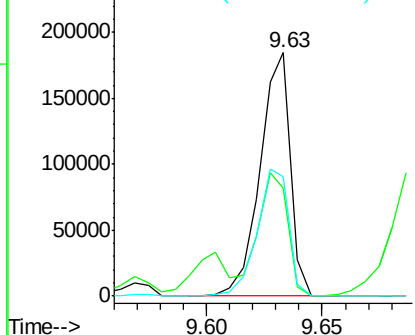


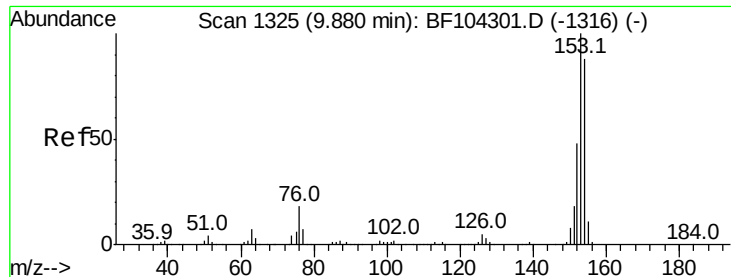
#50
 2,6-Dinitrotoluene
 Concen: 40.732 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:165 Resp: 168997
 Ion Ratio Lower Upper
 165 100
 63 44.2 44.7 67.1#
 89 49.0 44.0 66.0



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





#51

Acenaphthene

Concen: 34.591 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

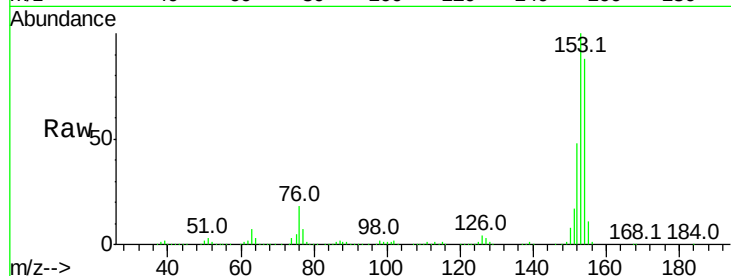
Tot Ion:154 Resp: 624758

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

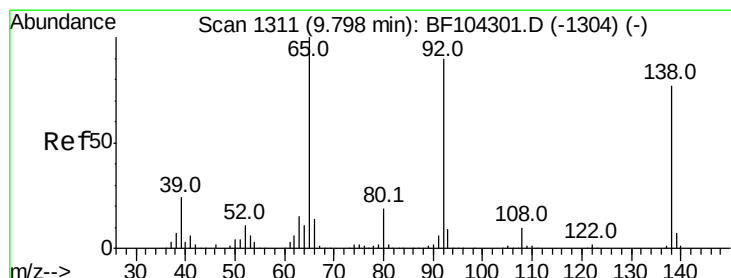
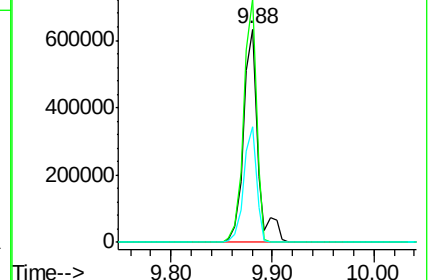
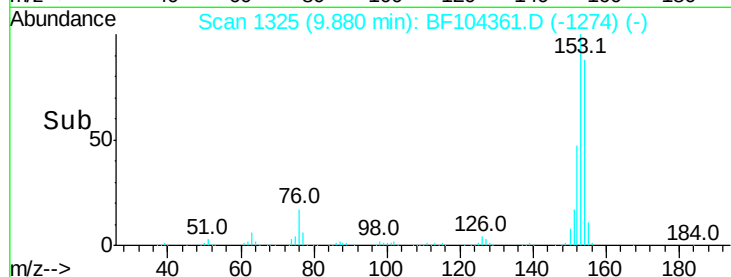
152 54.3 43.8 65.8



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: 19.269 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

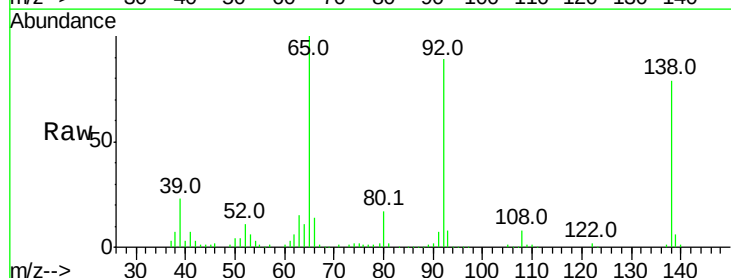
Tgt Ion:138 Resp: 93594

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

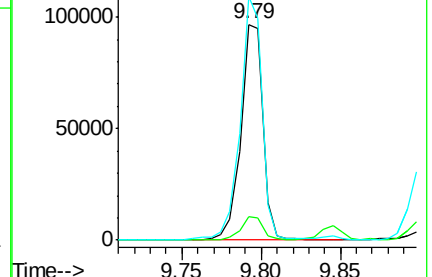
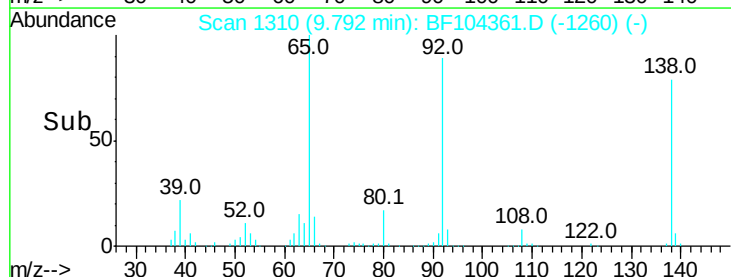
92 112.8 89.4 134.2

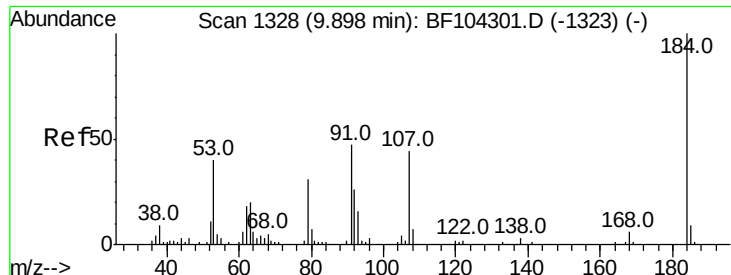


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

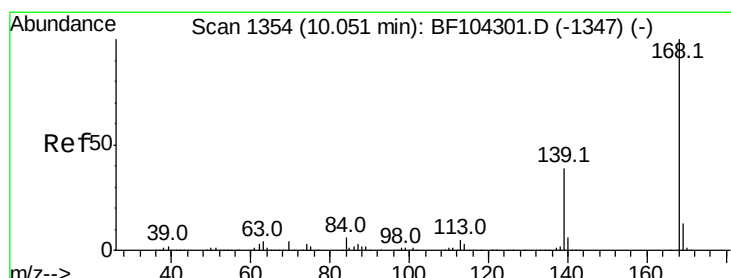
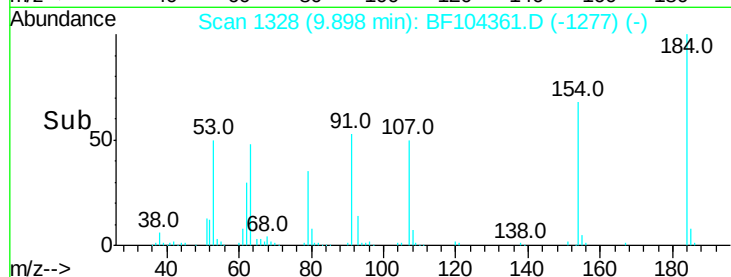
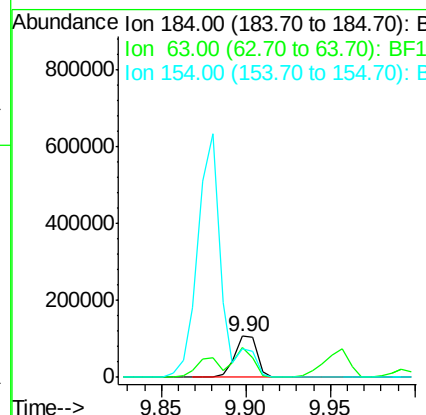
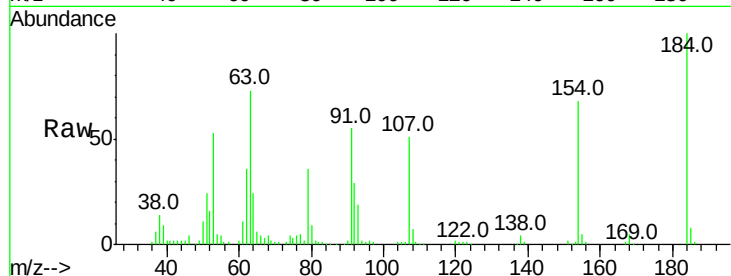




#53
 2,4-Dinitrophenol
 Concen: 64.432 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

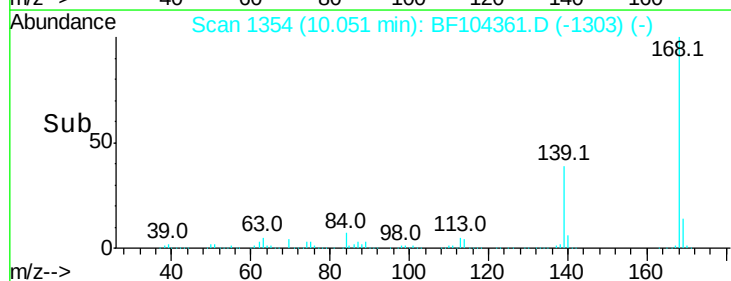
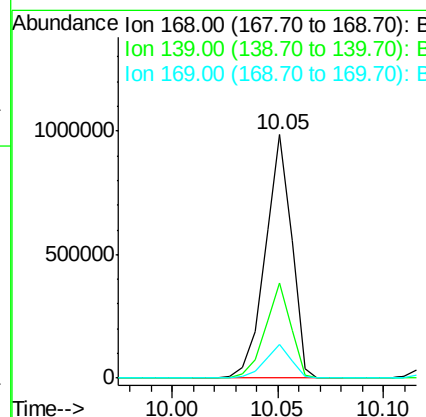
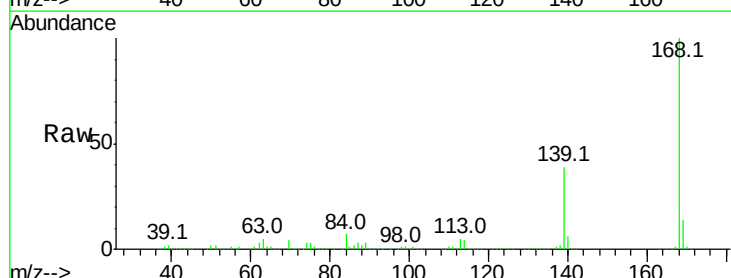
Instrument :
 BNA_F
 ClientSampled :

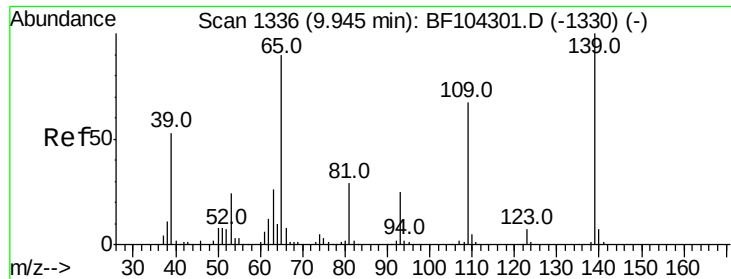
Tot Ion:184 Resp: 100005
 Ion Ratio Lower Upper
 184 100
 63 73.4 54.2 81.2
 154 67.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.975 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:168 Resp: 855159
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.8 10.9 16.3

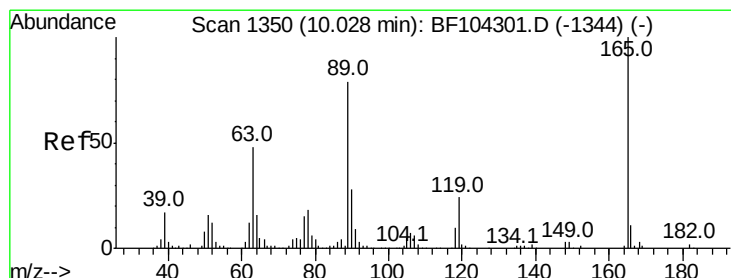
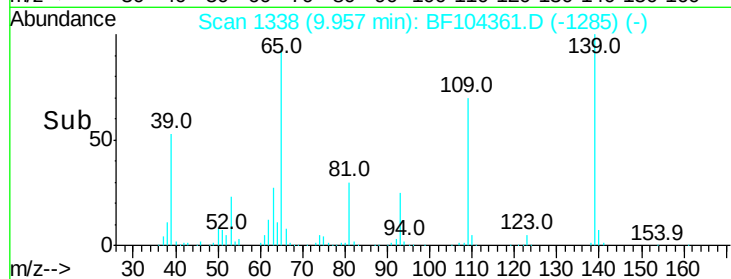
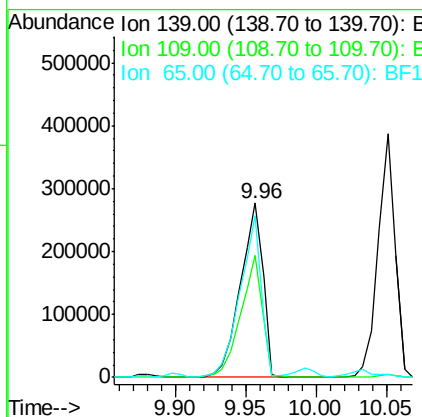
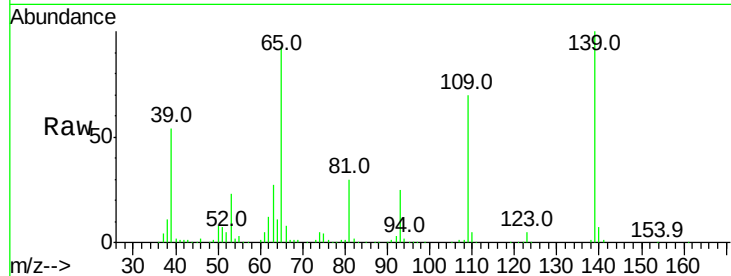




#55
4-Nitrophenol
Concen: 80.997 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

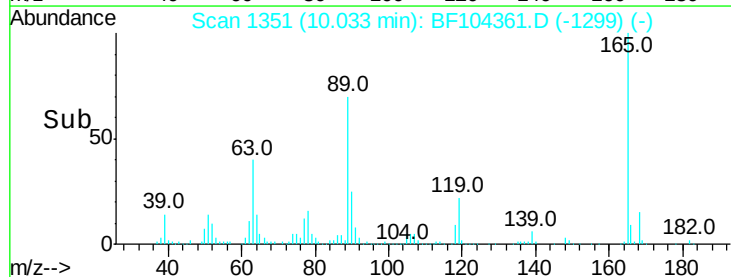
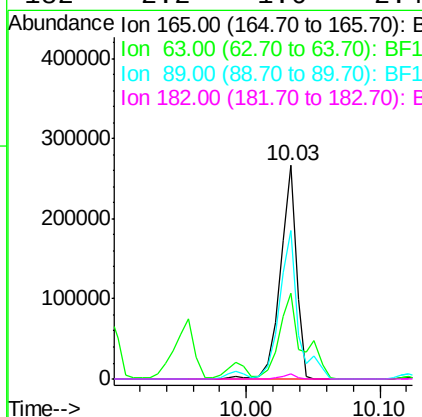
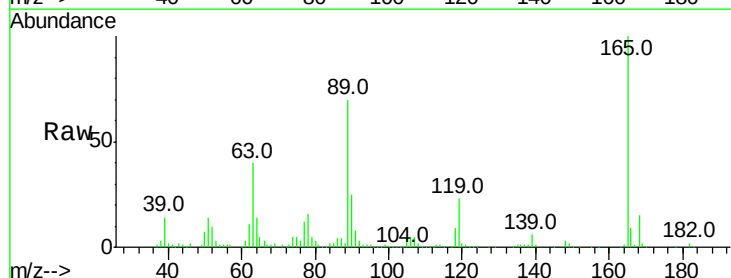
Instrument :
BNA_F
ClientSampled :

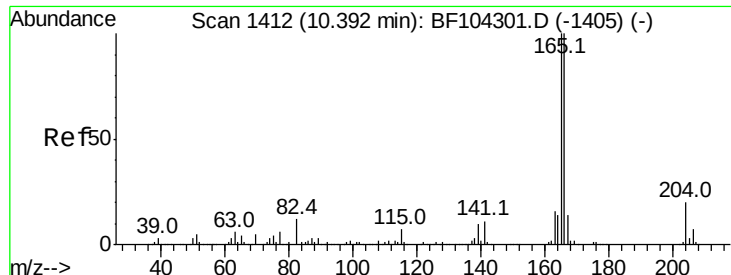
Tot Ion:139 Resp: 309044
Ion Ratio Lower Upper
139 100
109 69.8 48.4 88.4
65 93.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.850 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:165 Resp: 227760
Ion Ratio Lower Upper
165 100
63 40.3 36.4 54.6
89 69.8 57.8 86.6
182 2.2 1.6 2.4

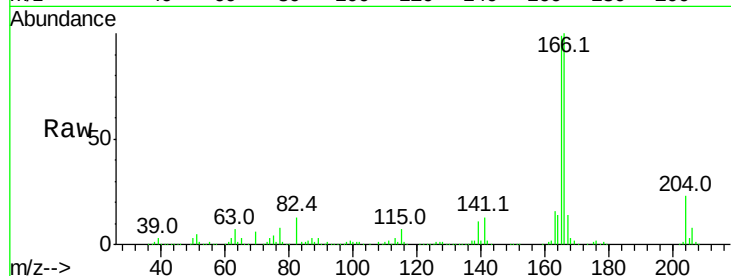




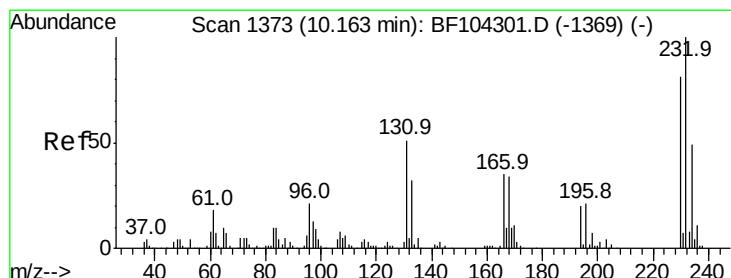
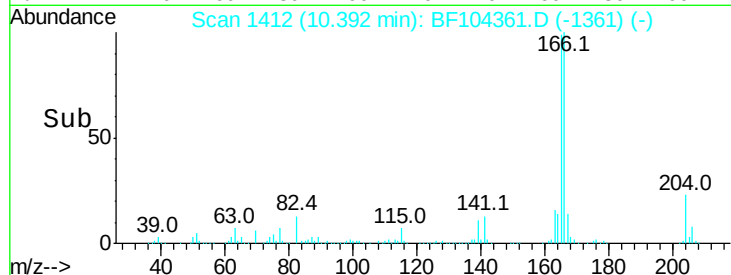
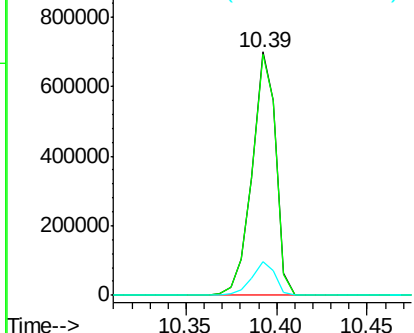
#57
 Fluorene
 Concen: 34.498 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 632023
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.6 10.6 16.0

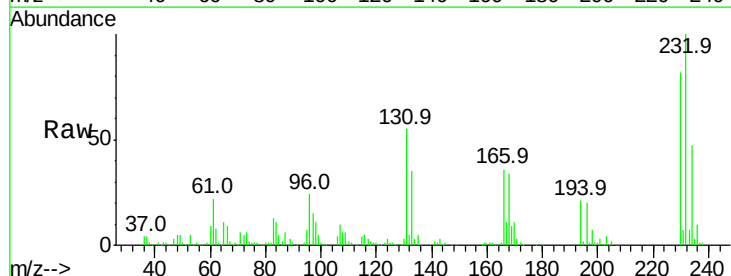


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

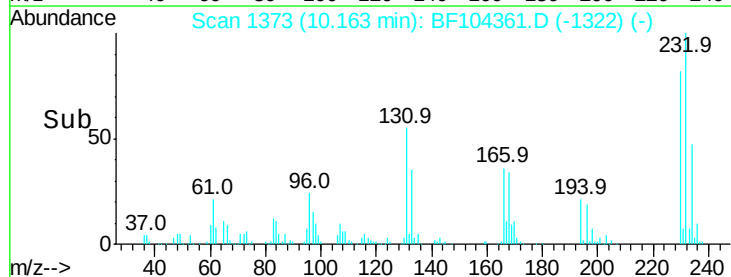
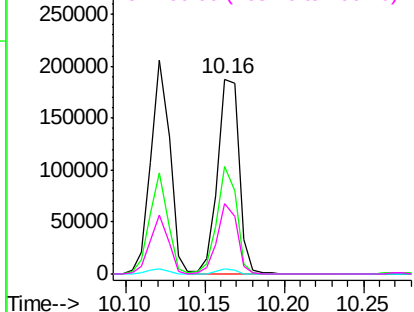


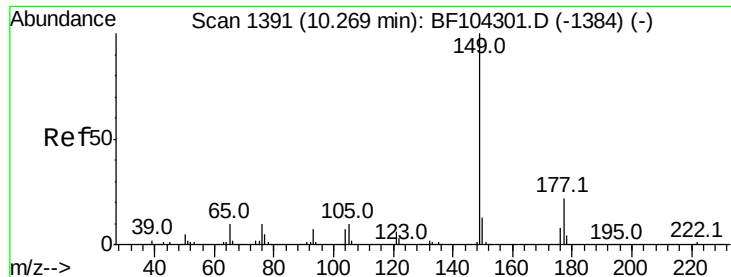
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.727 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:232 Resp: 177961
 Ion Ratio Lower Upper
 232 100
 131 50.4 43.8 65.8
 130 2.5 2.1 3.1
 166 33.3 27.8 41.6



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

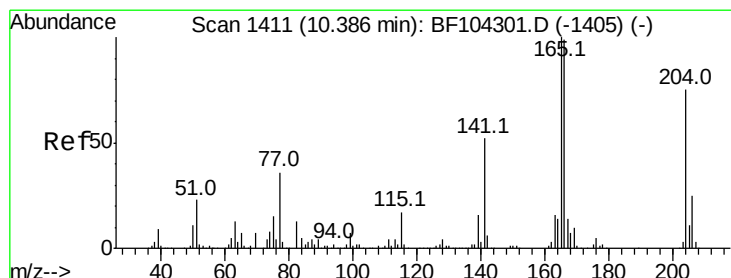
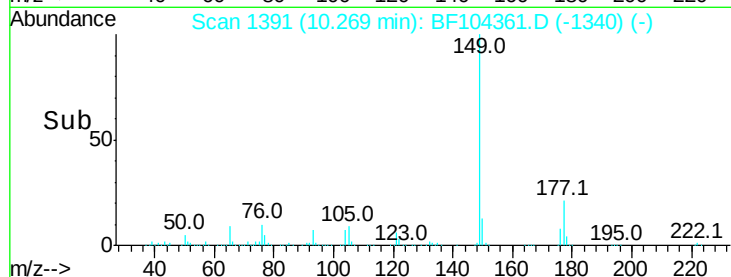
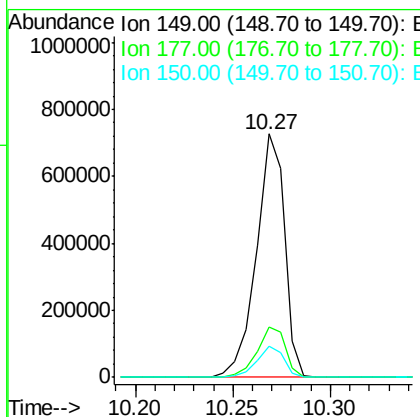
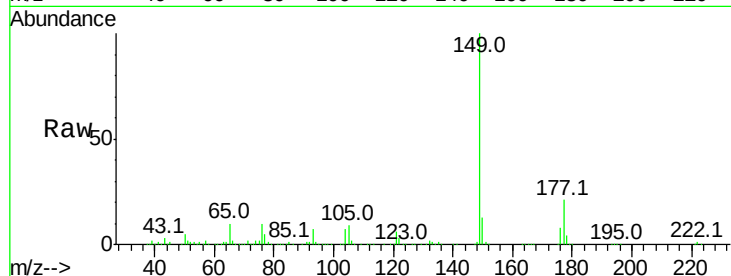




#59
Diethylphthalate
Concen: 32.584 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

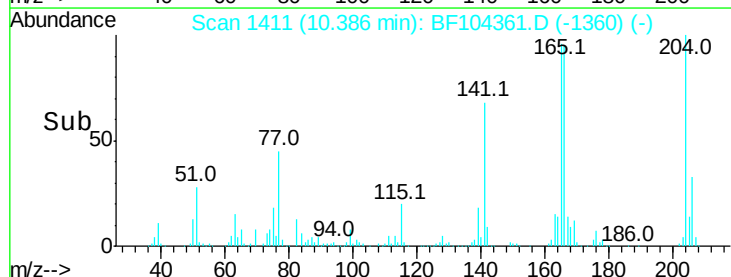
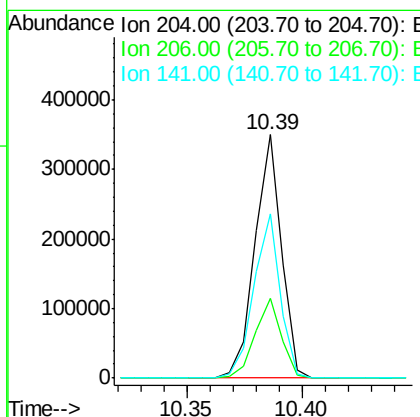
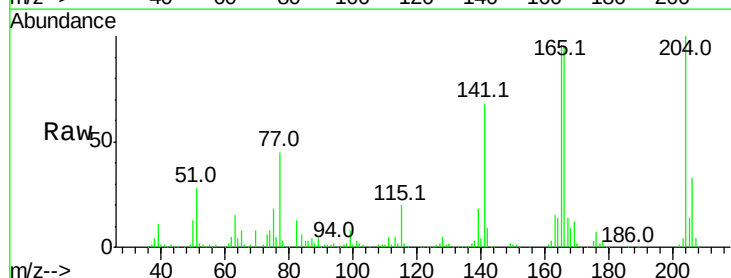
Instrument :
BNA_F
ClientSampled :

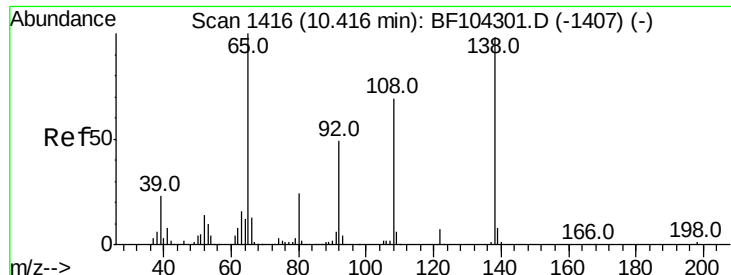
Tot Ion:149 Resp: 727630
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.517 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:204 Resp: 281627
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.6 54.6 81.8

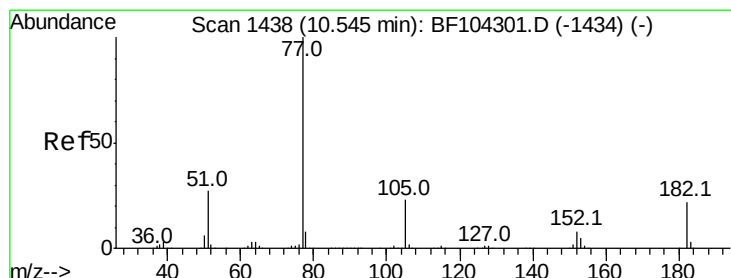
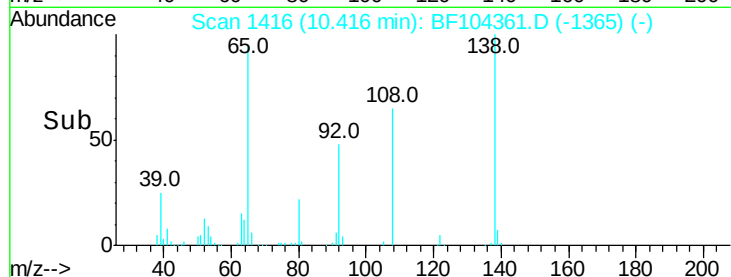
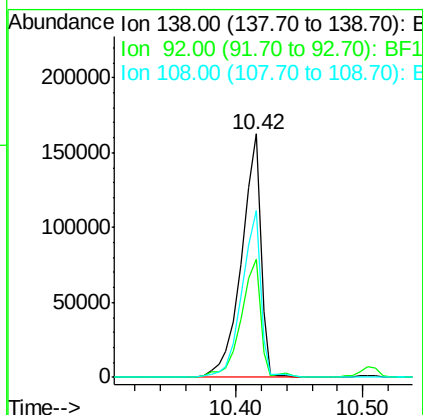
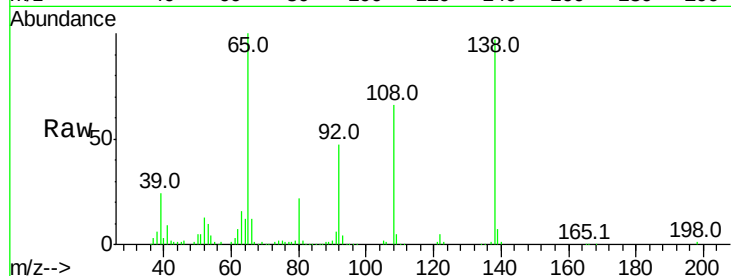




#61
4-Nitroaniline
Concen: 35.947 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

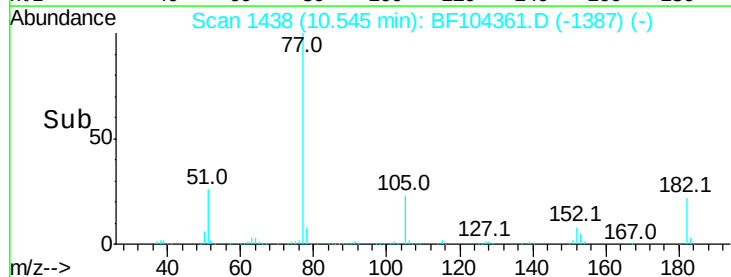
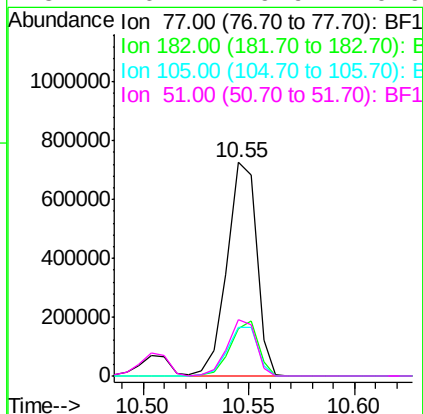
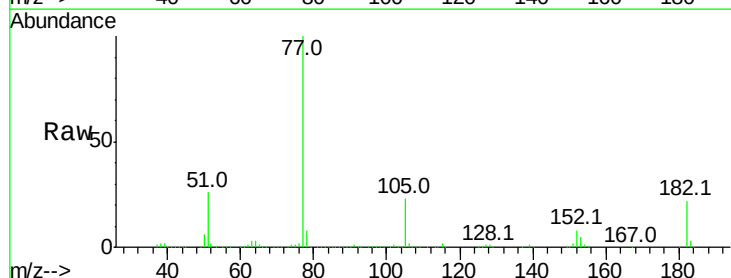
Instrument :
BNA_F
ClientSampled :

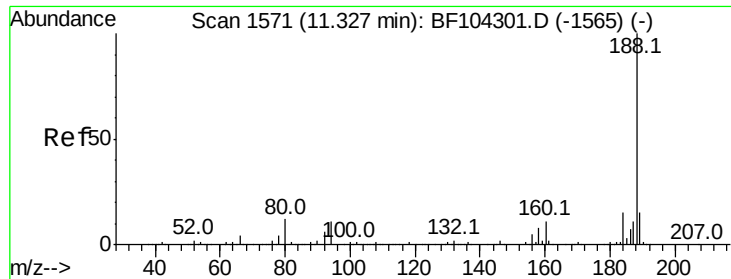
Tot Ion:138 Resp: 170721
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 68.3 52.5 92.5



#62
Azobenzene
Concen: 32.749 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion: 77 Resp: 698702
Ion Ratio Lower Upper
77 100
182 22.0 1.7 41.7
105 22.9 3.0 43.0
51 26.2 9.9 49.9

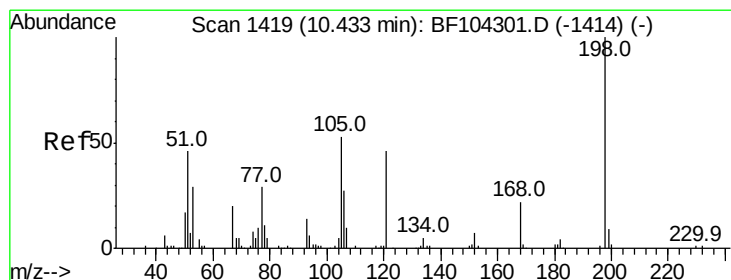
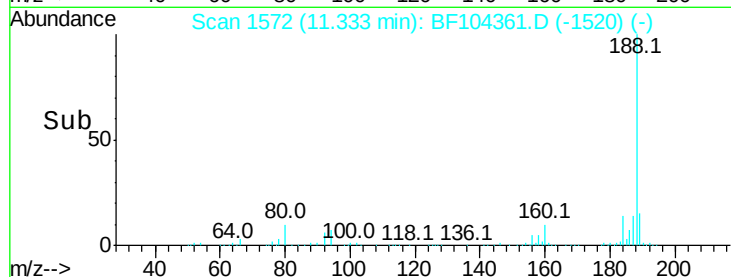
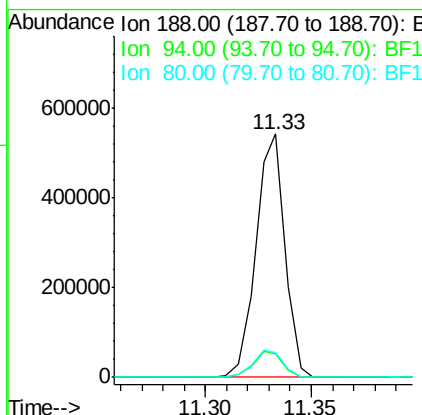
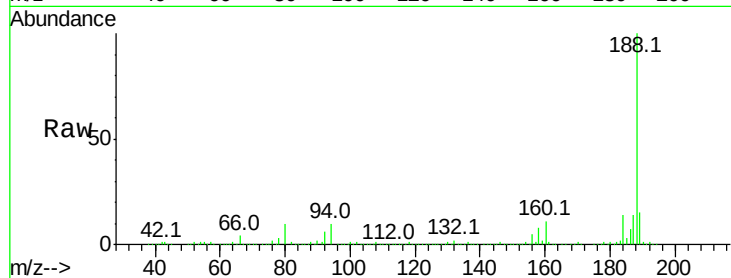




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

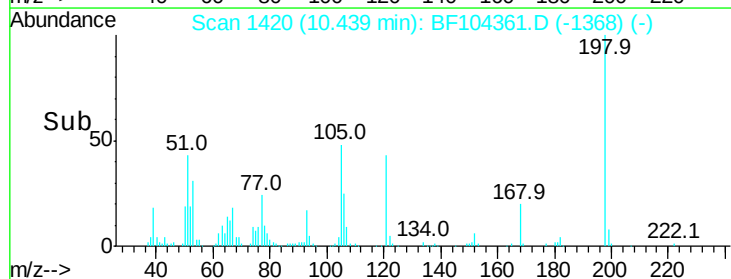
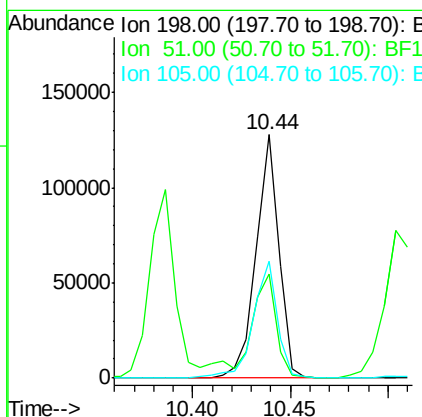
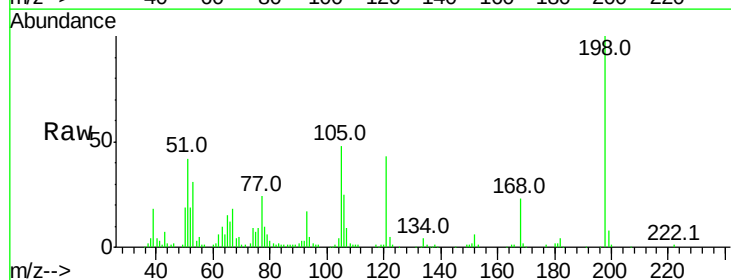
Instrument :
 BNA_F
 ClientSampleId :

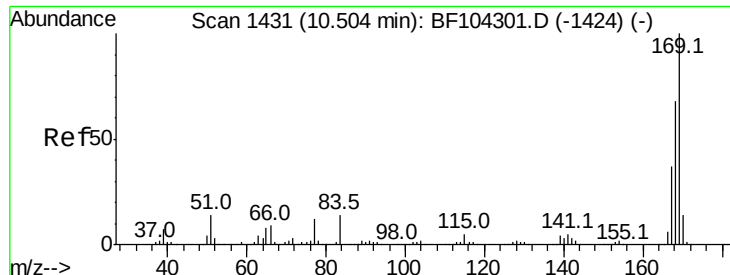
Tot Ion:188 Resp: 516820
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.300 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:198 Resp: 103878
 Ion Ratio Lower Upper
 198 100
 51 42.5 37.7 77.7
 105 47.8 36.3 76.3

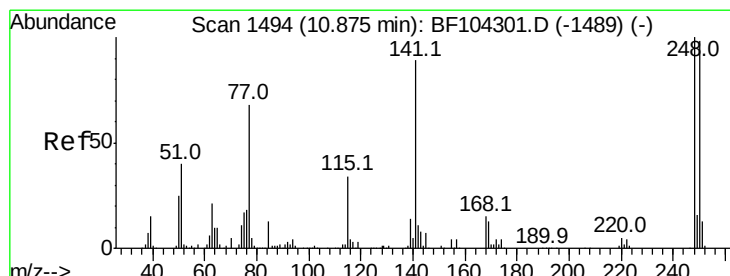
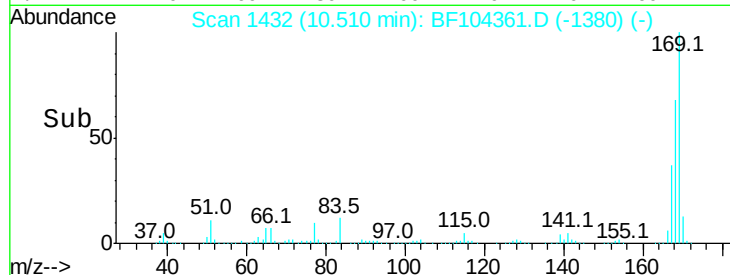
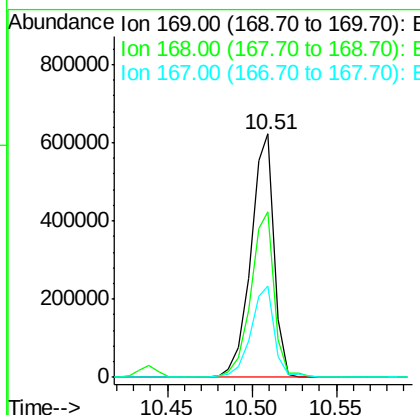
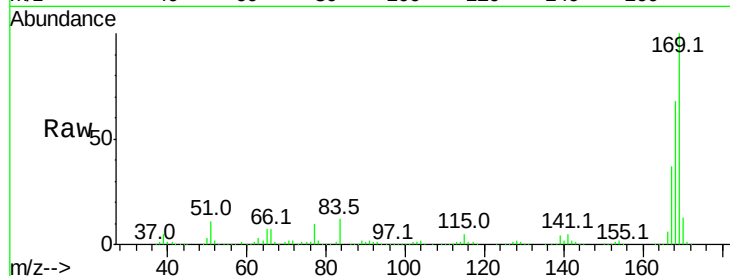




#65
 n-Nitrosodiphenylamine
 Concen: 33.351 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

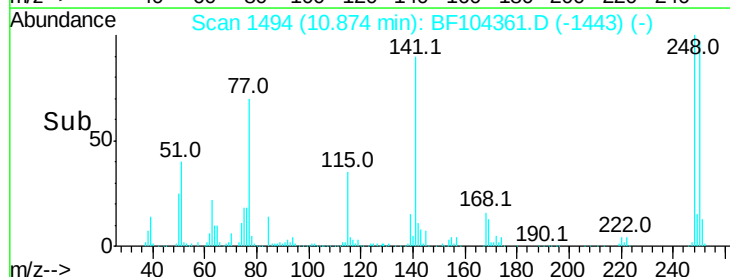
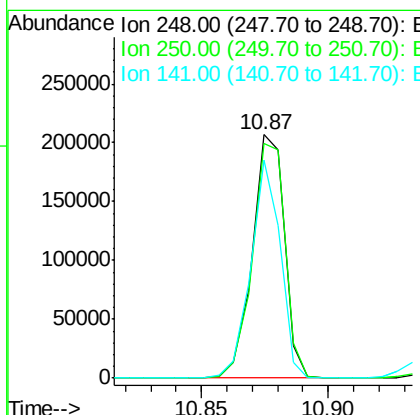
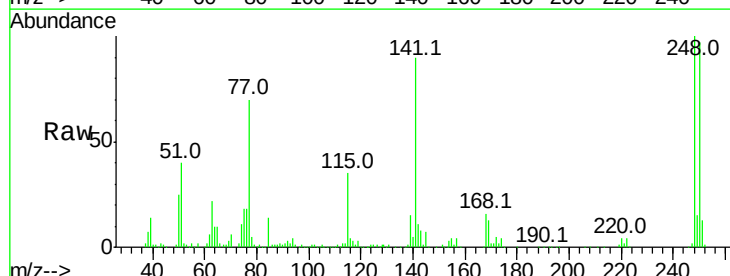
Instrument :
 BNA_F
 ClientSampleId :

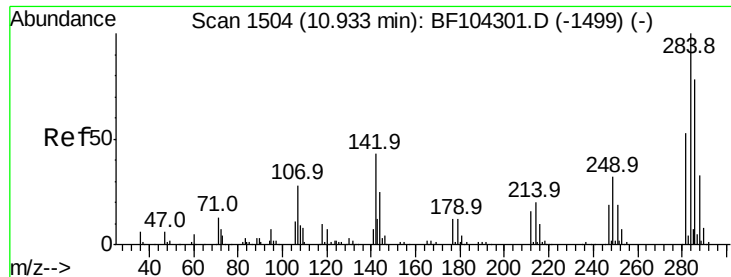
Tot Ion:169 Resp: 597628
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 33.352 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:248 Resp: 183344
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 89.6 74.4 111.6

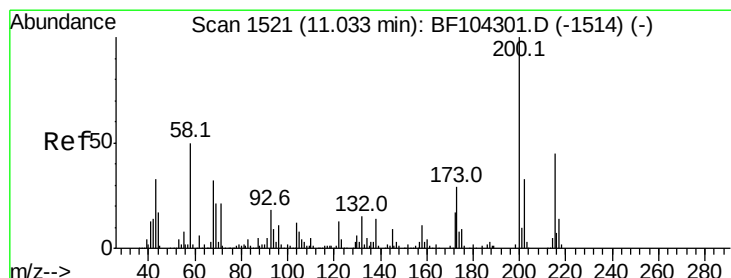
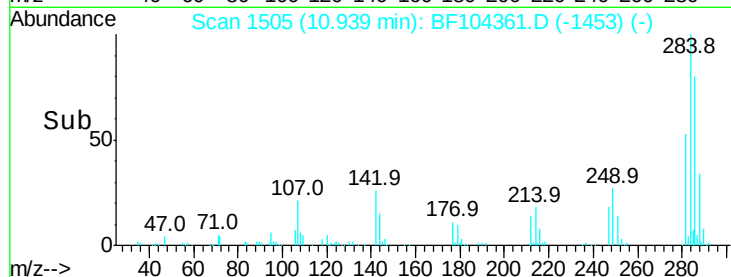
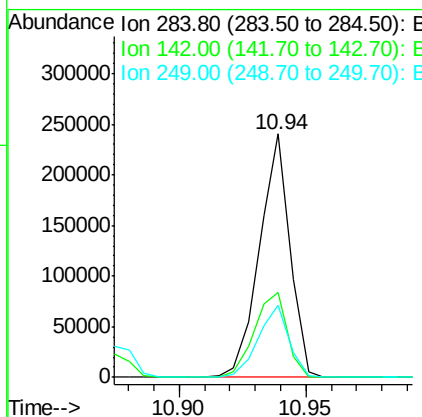
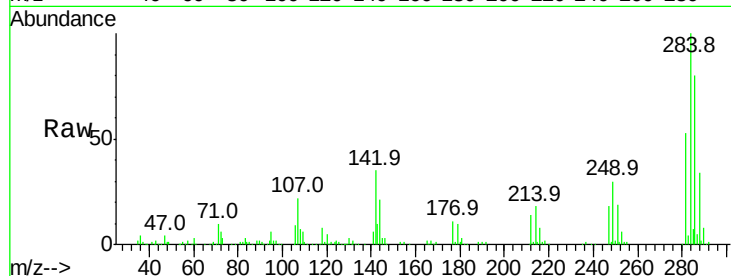




#67
Hexachlorobenzene
Concen: 32.427 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

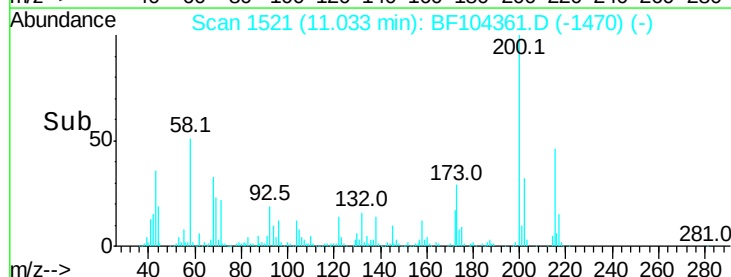
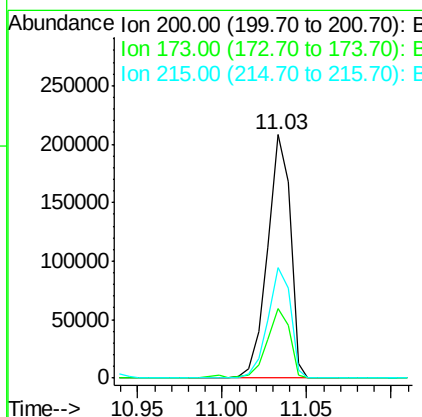
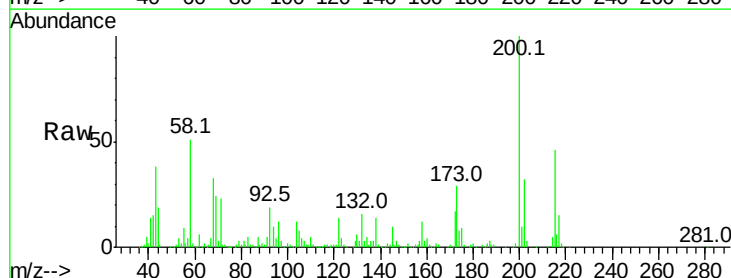
Instrument :
BNA_F
ClientSampleId :

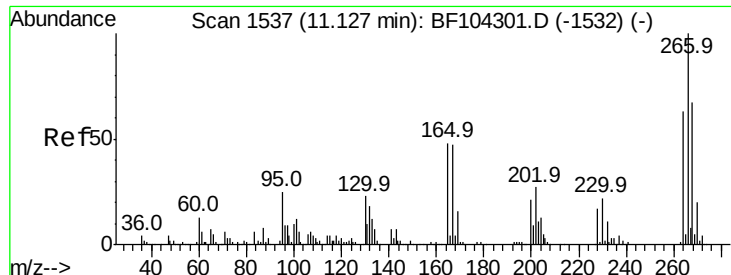
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.1	34.6	52.0
249	29.7	24.8	37.2



#68
Atrazine
Concen: 36.015 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	45.6	25.1	65.1

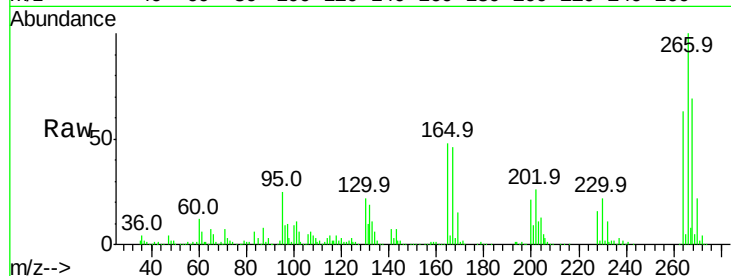




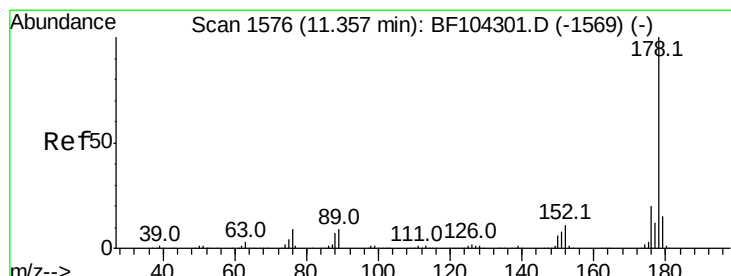
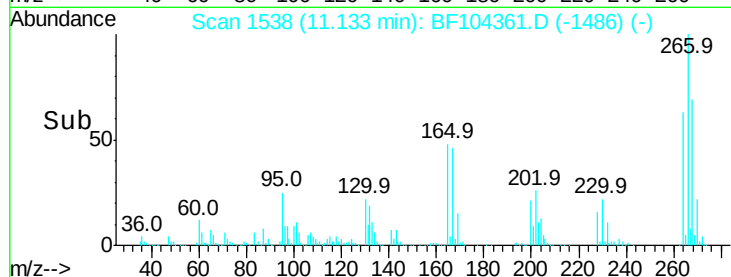
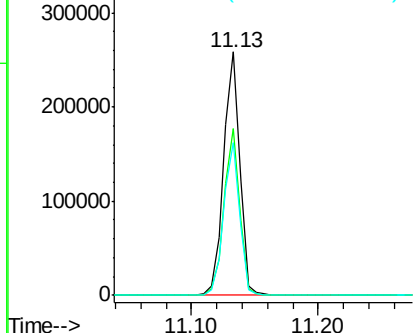
#69
 Pentachlorophenol
 Concen: 60.150 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.8	51.1	76.7
264	63.0	49.5	74.3

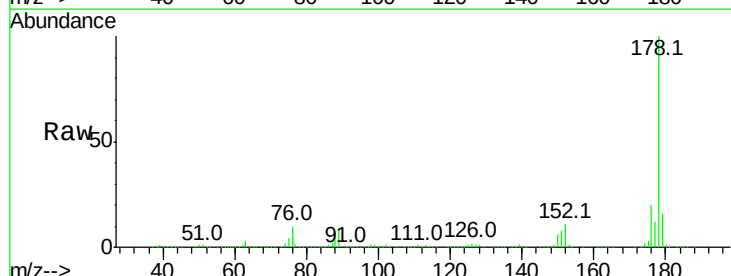


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

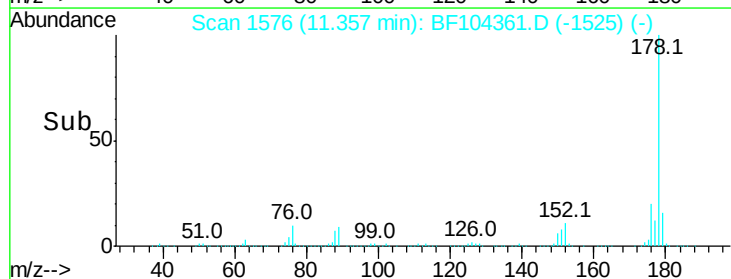
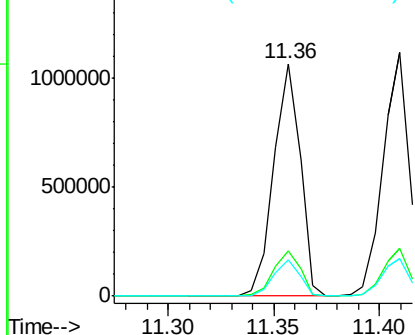


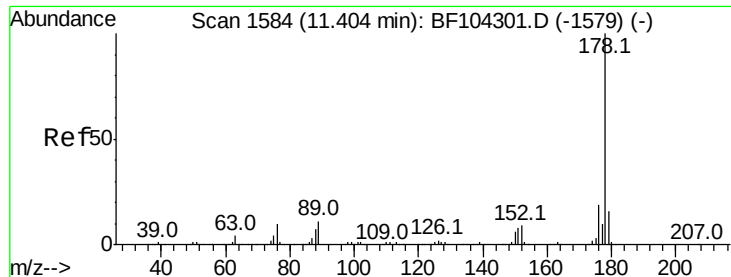
#70
 Phenanthrene
 Concen: 32.448 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	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

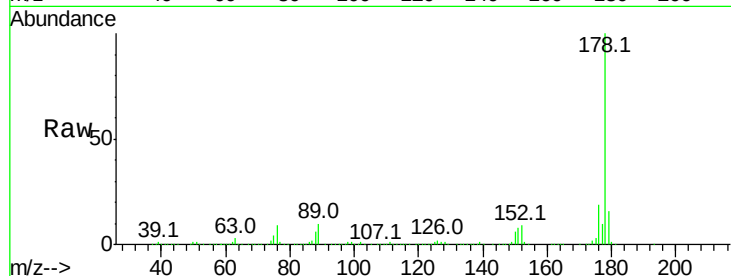




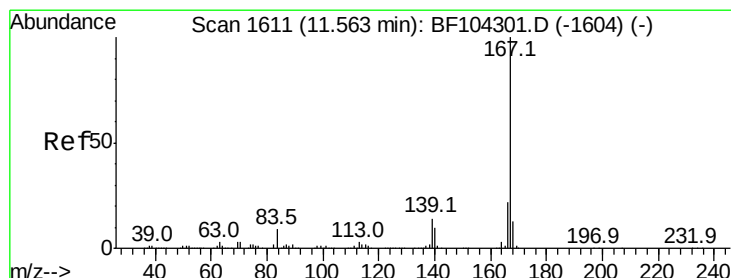
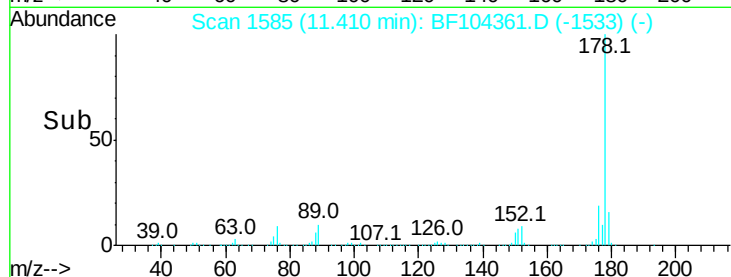
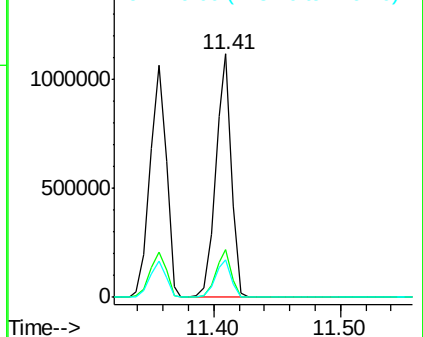
#71
 Anthracene
 Concen: 32.966 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 964487
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0

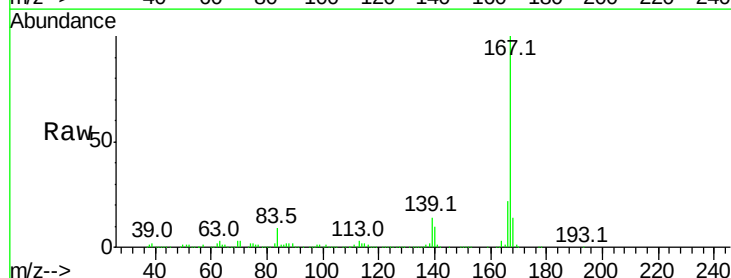


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

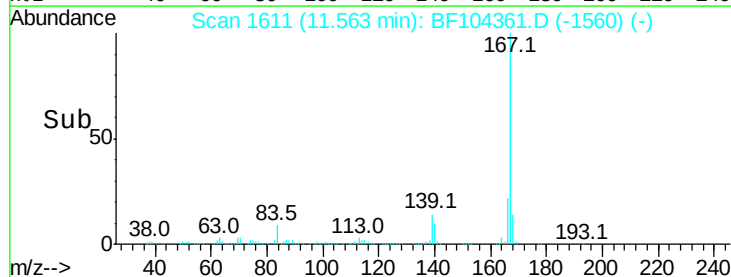
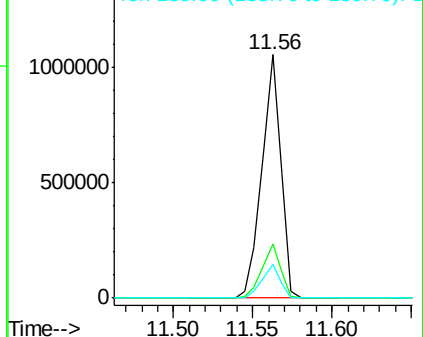


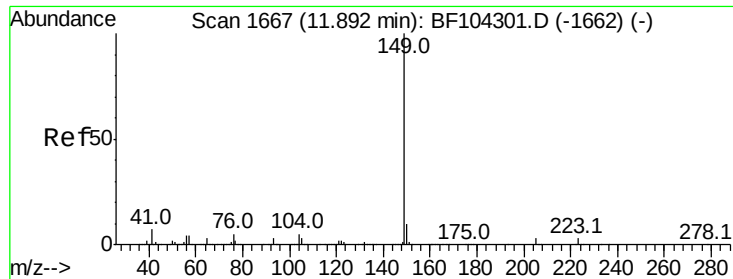
#72
 Carbazole
 Concen: 31.377 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion:167 Resp: 897028
 Ion Ratio Lower Upper
 167 100
 166 22.1 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: 31.851 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

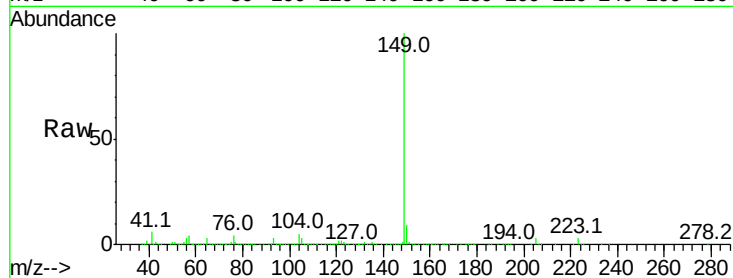
Tot Ion:149 Resp: 1112340

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

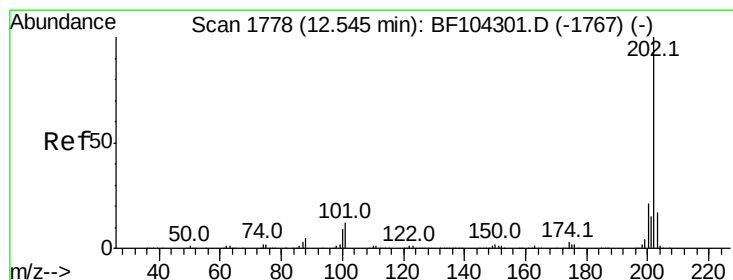
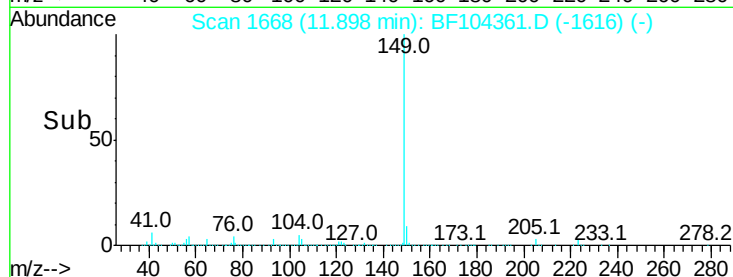
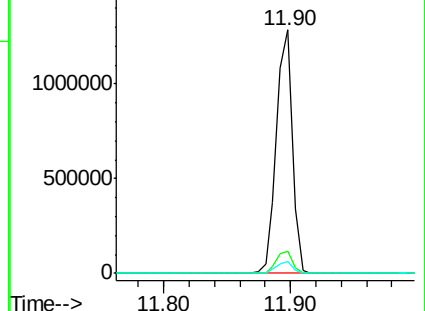
104 4.8 3.8 5.8



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: 30.361 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

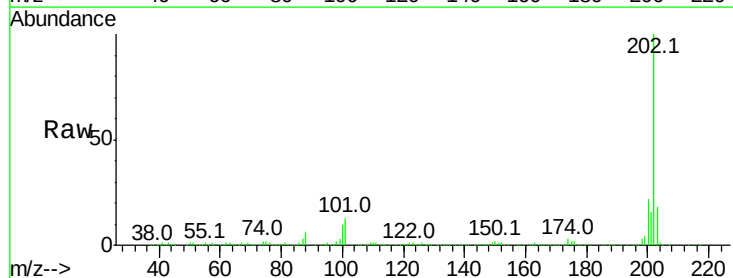
Tgt Ion:202 Resp: 912993

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

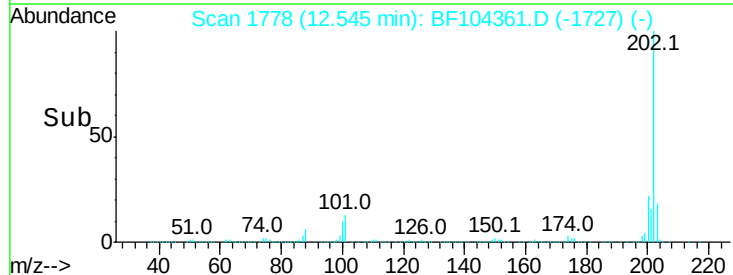
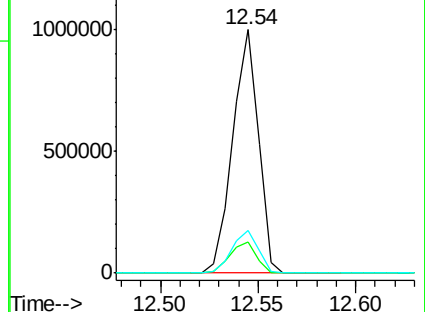
203 17.6 0.0 38.1

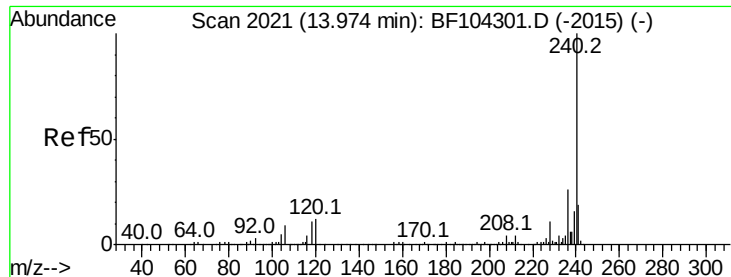


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

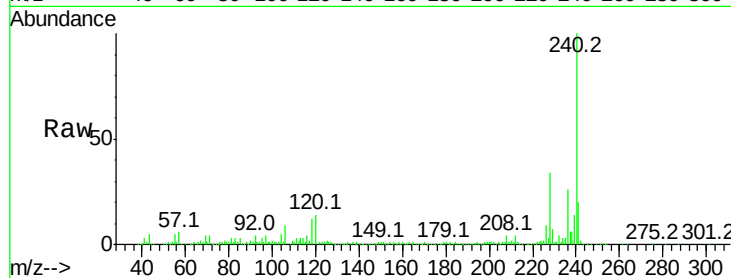
Tot Ion:240 Resp: 320924

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

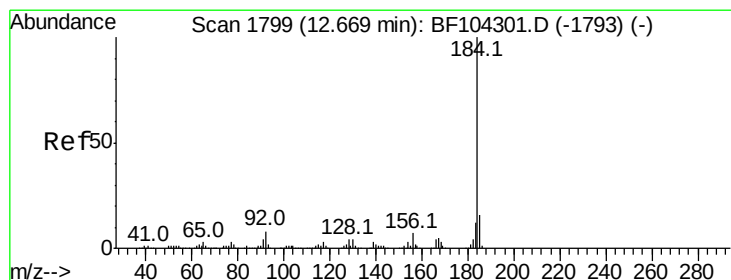
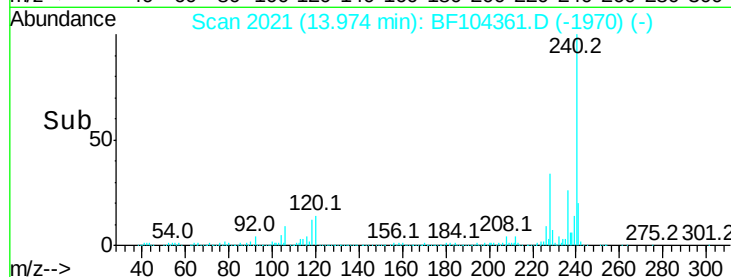
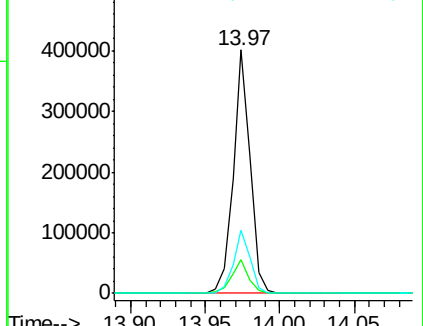
236 25.8 20.7 31.1



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: 7.183 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

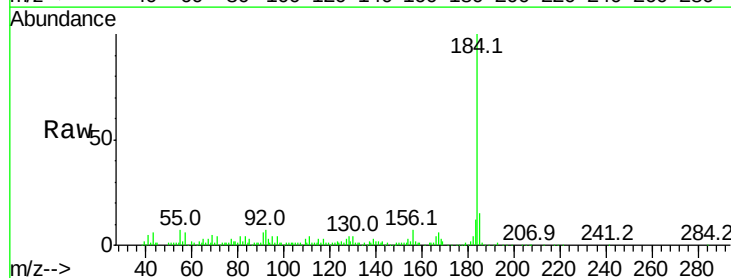
Tgt Ion:184 Resp: 125508

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

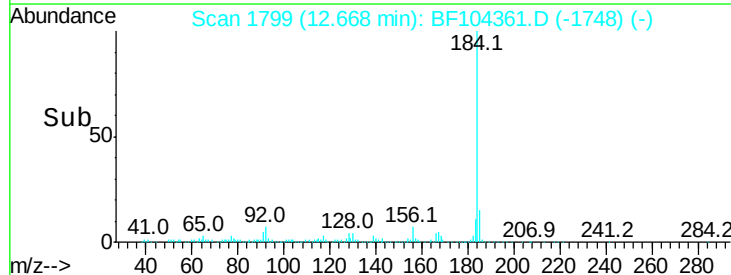
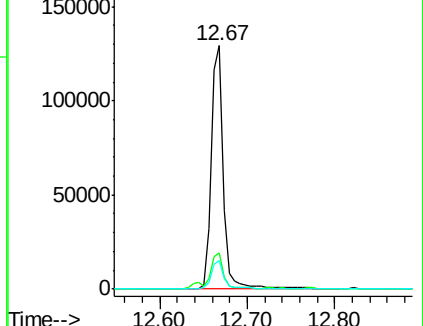
183 11.5 9.3 13.9

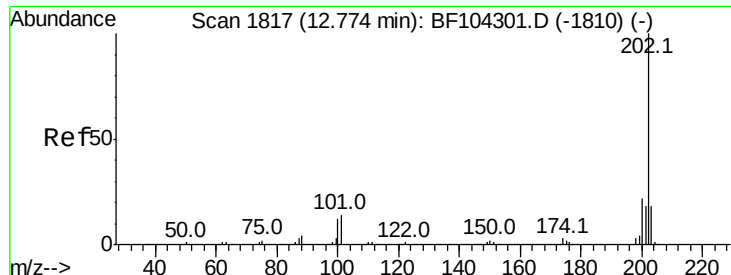


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

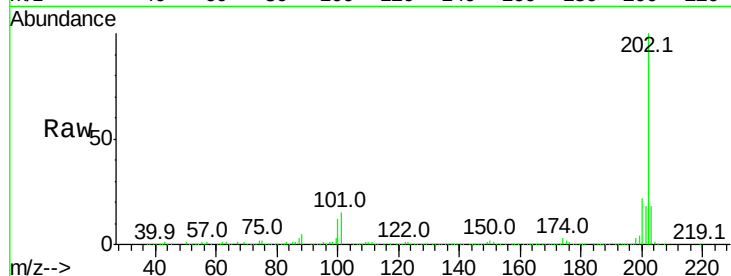




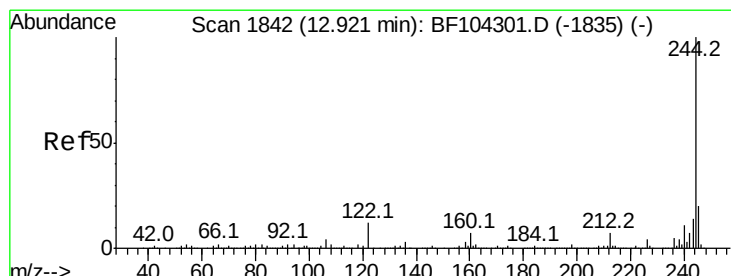
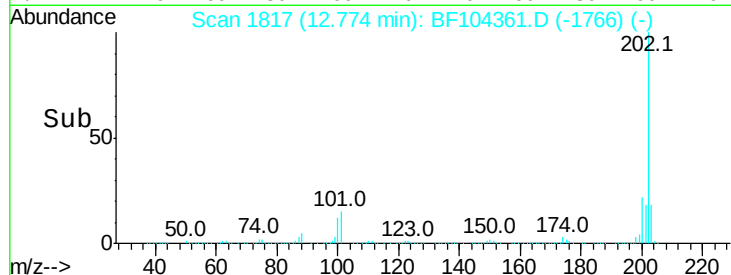
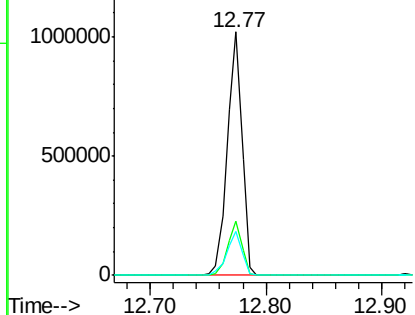
#77
 Pvrene
 Concen: 37.726 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5

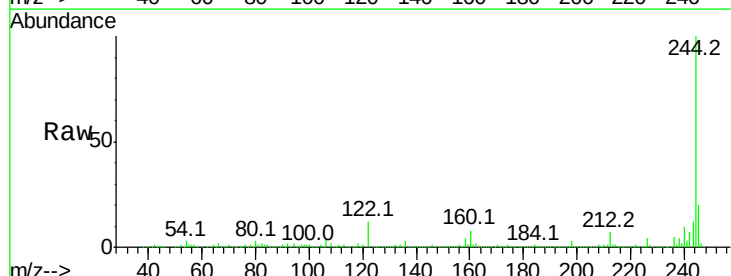


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

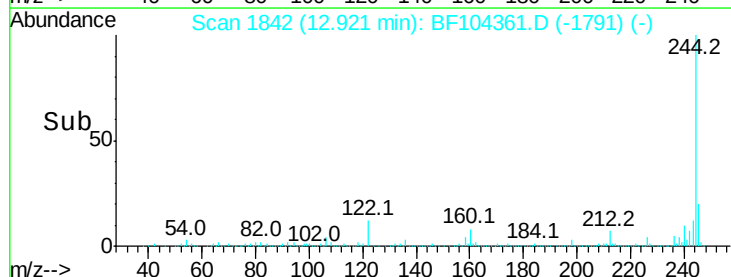
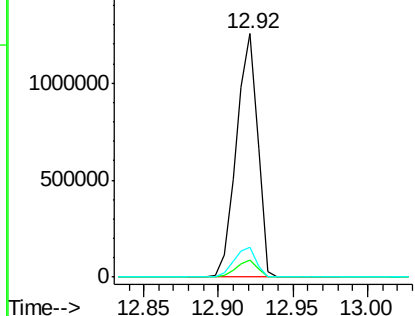


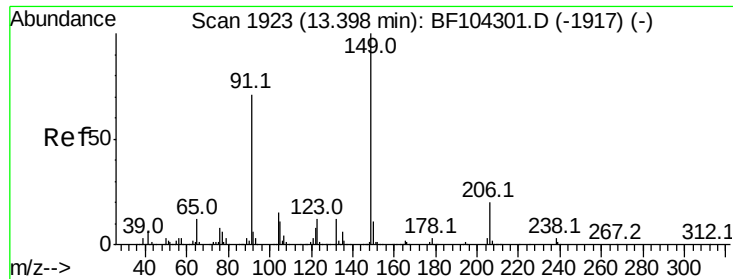
#78
 Terphenyl-d14
 Concen: 89.333 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.691 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

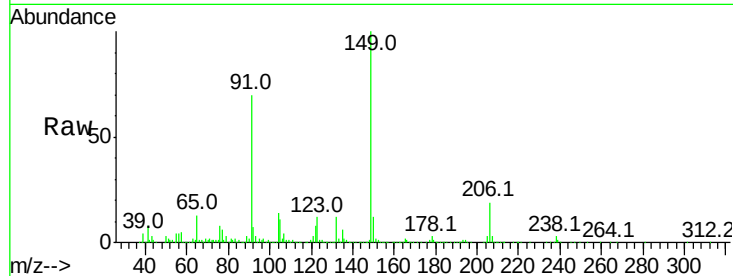
Tot Ion:149 Resp: 422400

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

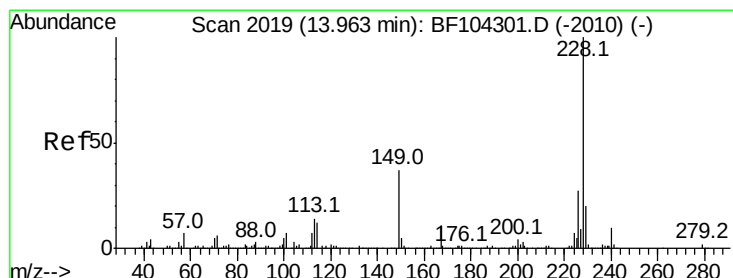
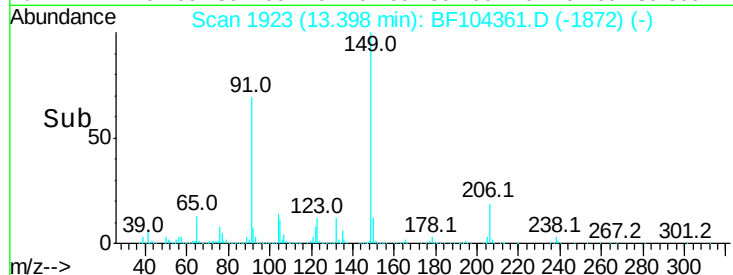
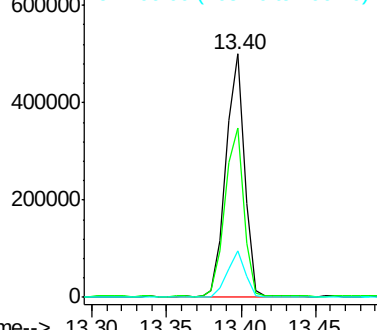
206 19.1 14.1 21.1



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: 32.754 ng

RT: 13.96 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

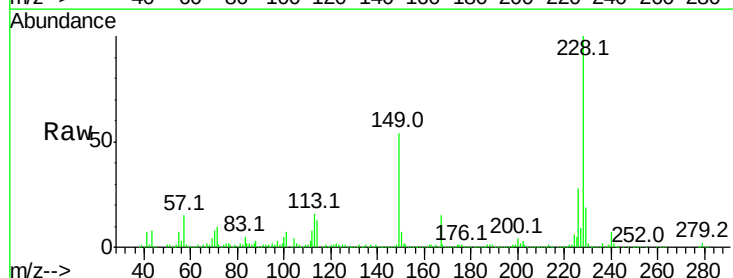
Tgt Ion:228 Resp: 627973

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

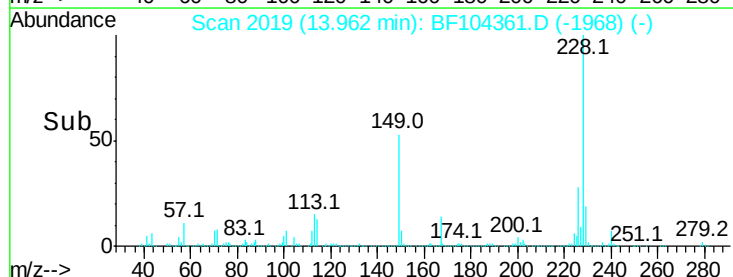
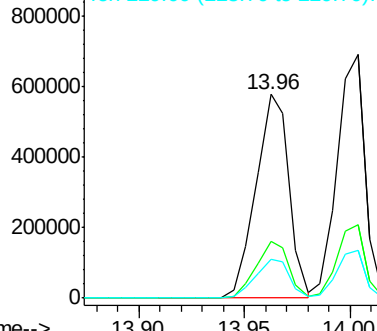
229 19.2 15.8 23.6

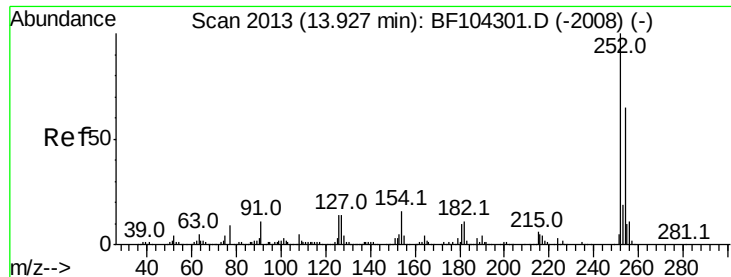


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 12.729 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampled :

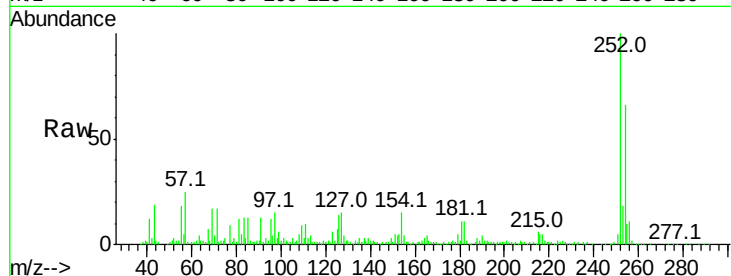
Tot Ion:252 Resp: 90994

Ion Ratio Lower Upper

252 100

254 65.8 50.4 75.6

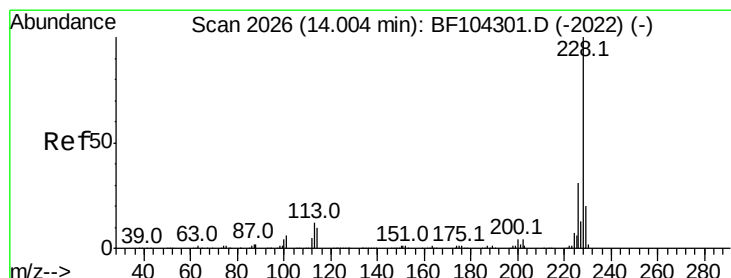
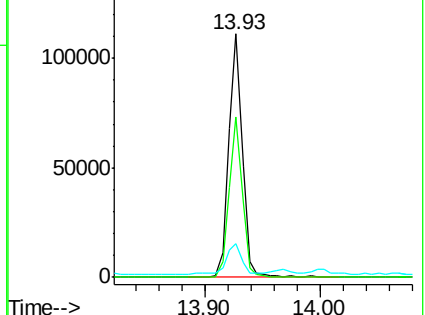
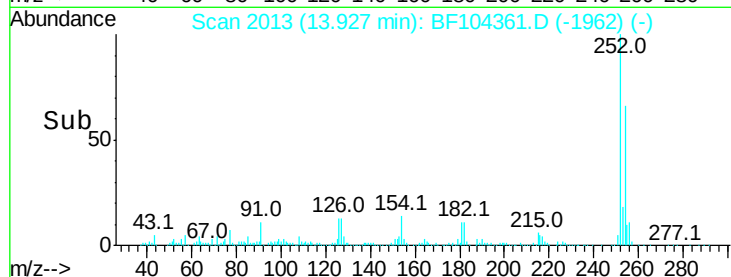
126 13.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 32.047 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

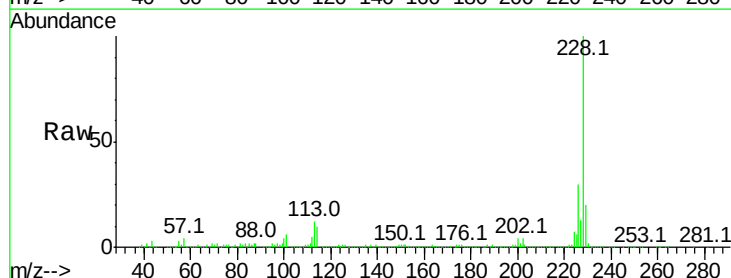
Tgt Ion:228 Resp: 631090

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

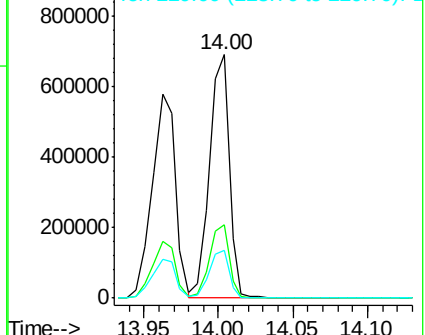
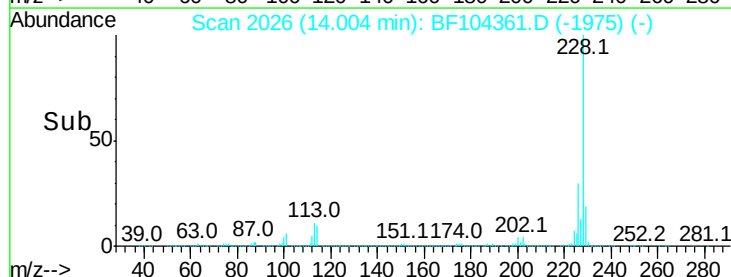
229 19.5 16.2 24.4

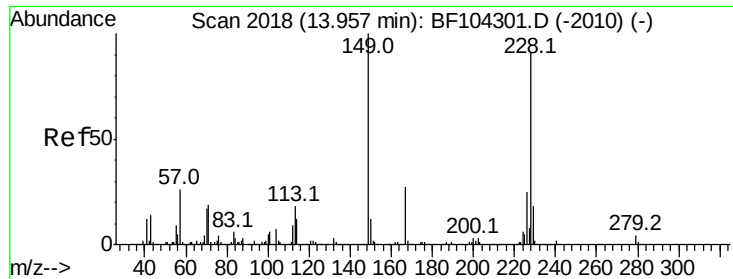


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.299 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

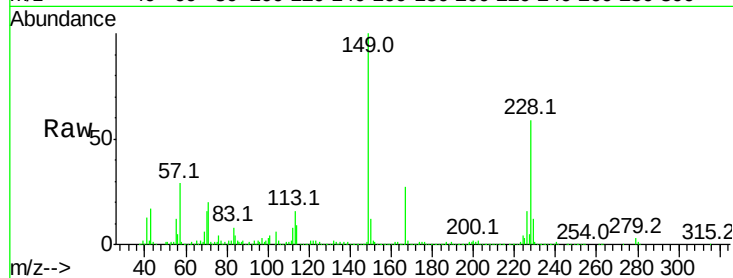
Tot Ion:149 Resp: 523246

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

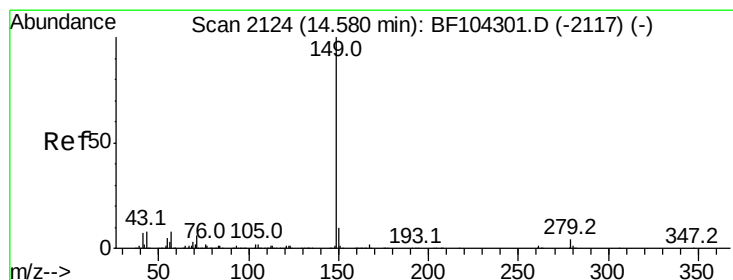
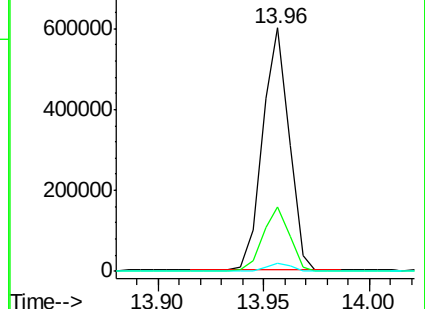
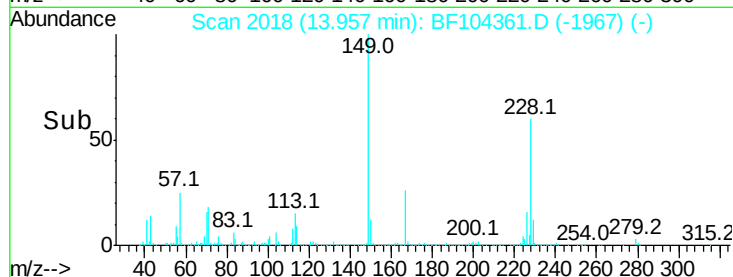
279 3.4 3.0 4.4



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: 34.708 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

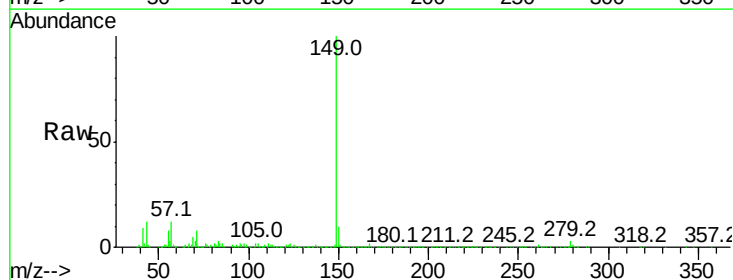
Tgt Ion:149 Resp: 835967

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

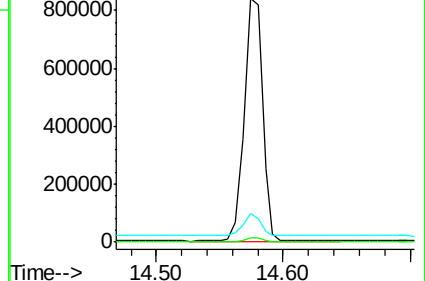
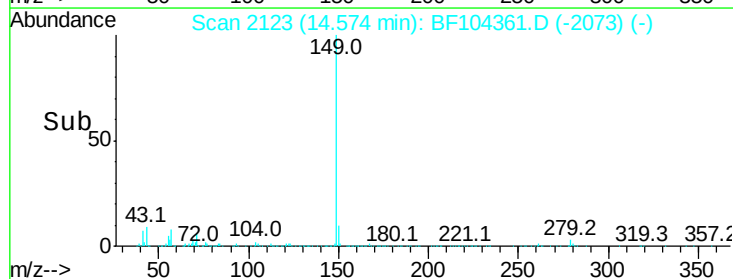
43 8.8 8.4 12.6

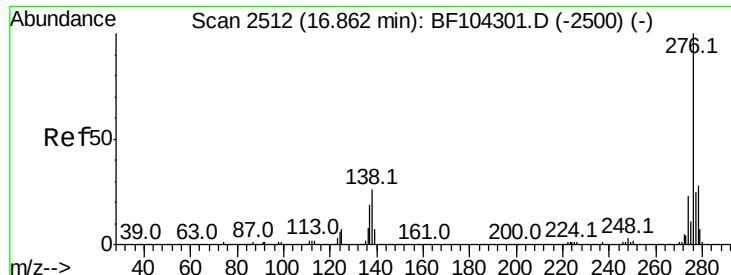


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

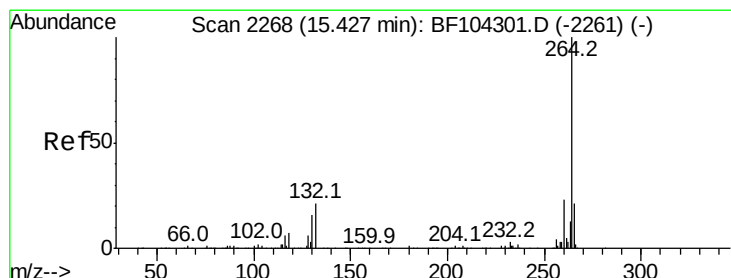
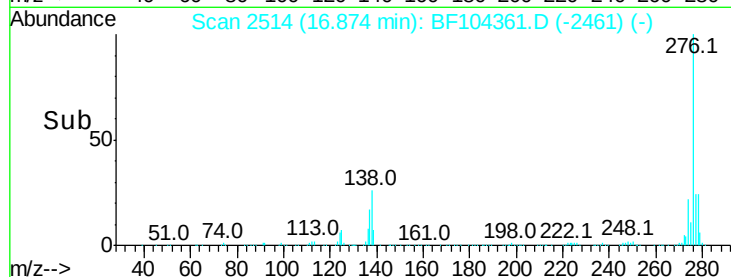
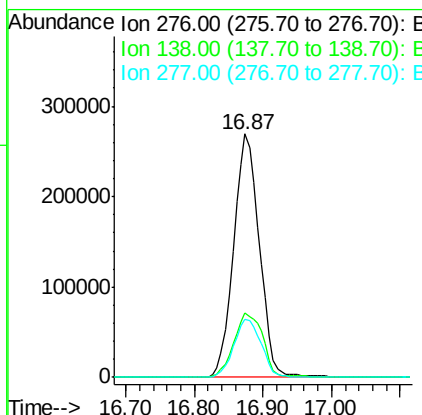
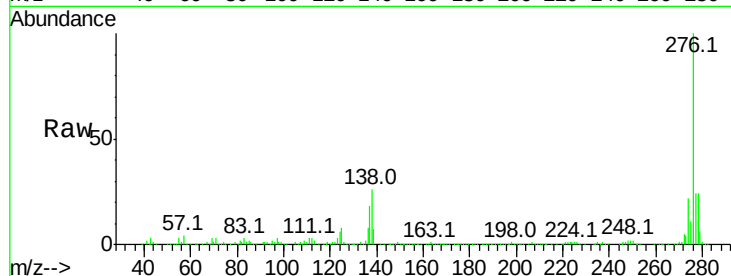




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.875 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

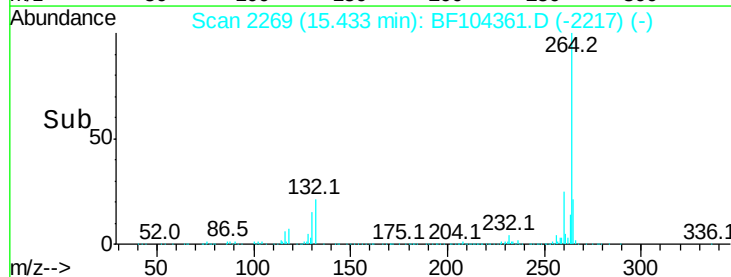
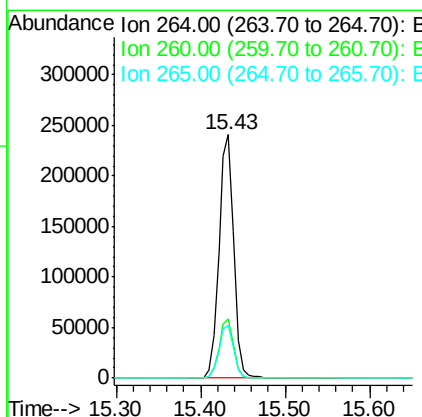
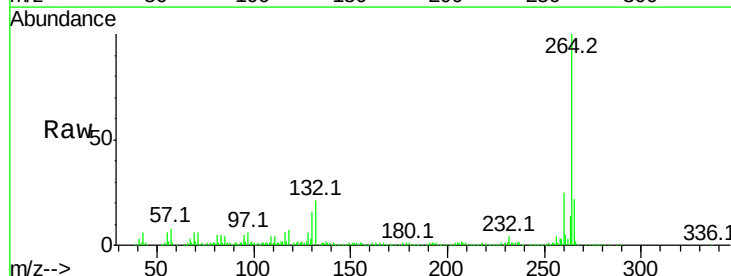
Instrument :
 BNA_F
 ClientSampleId :

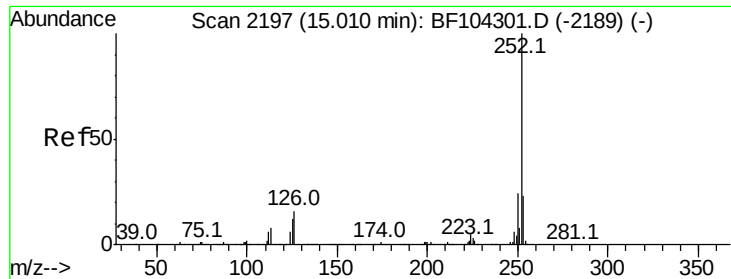
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

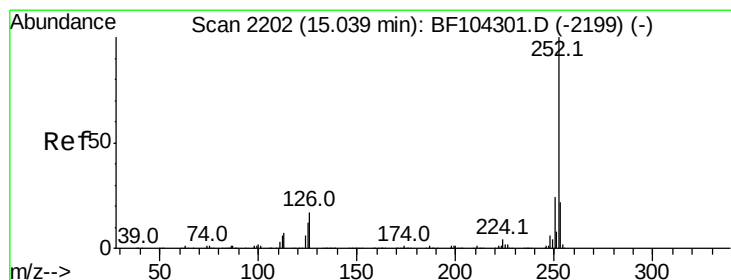
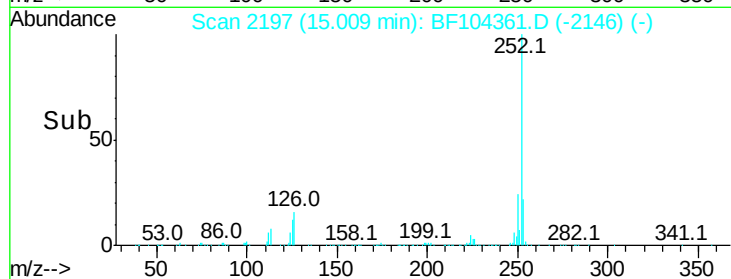
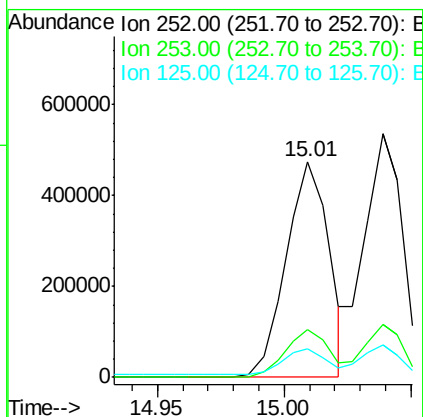
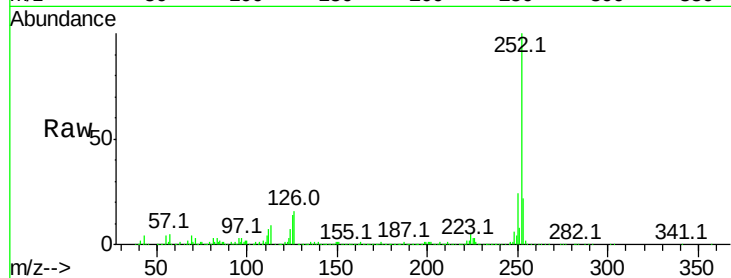




#87
Benzo(b)fluoranthene
Concen: 29.756 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

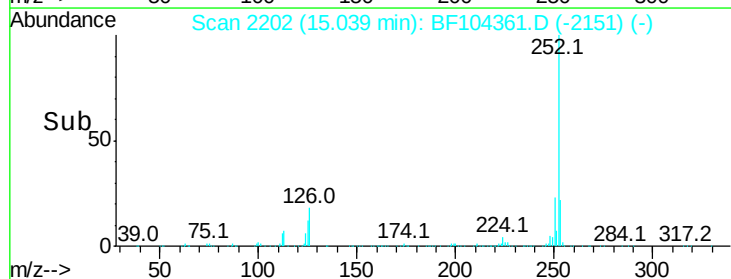
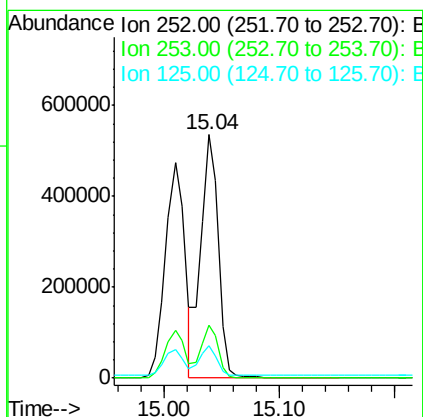
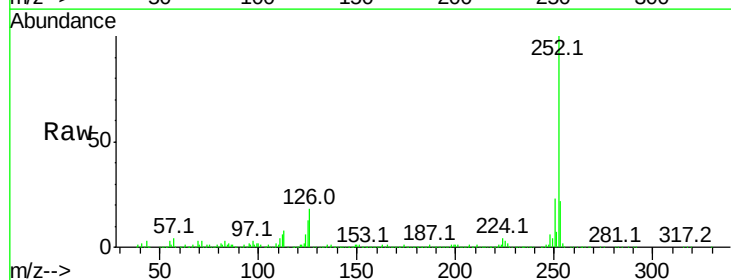
Instrument :
BNA_F
ClientSampleId :

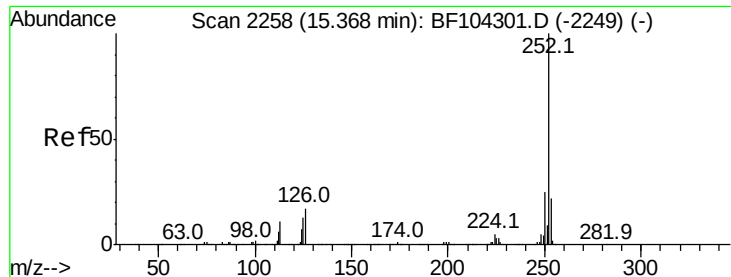
Tot Ion:252 Resp: 559216
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.381 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF104361.D
Acq: 9 Apr 2018 10:27

Tgt Ion:252 Resp: 574531
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.172 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

Instrument :

BNA_F

ClientSampleId :

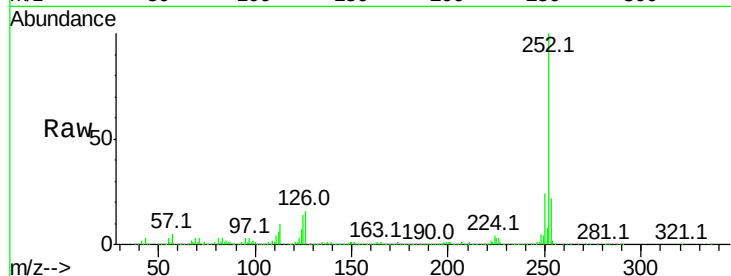
Tot Ion:252 Resp: 557811

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

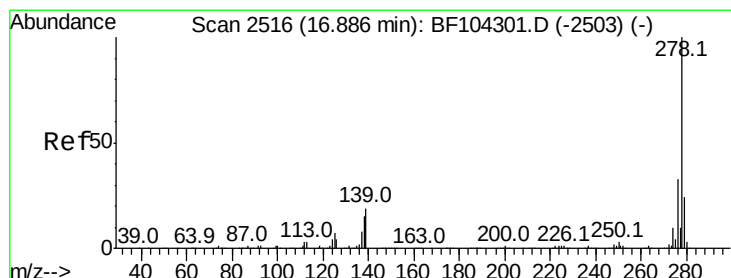
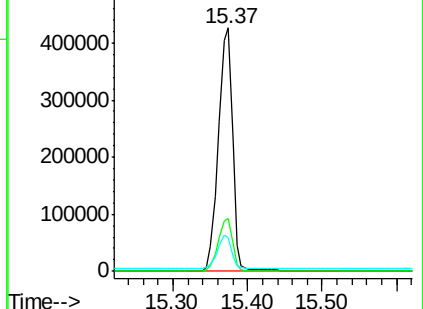
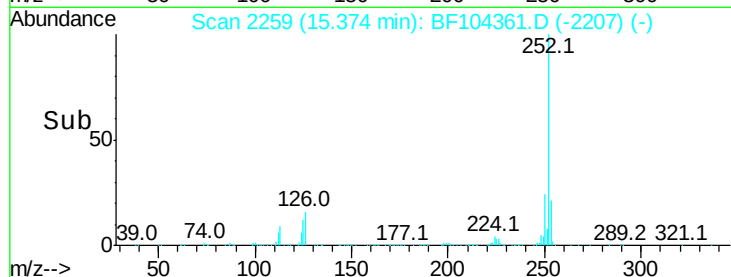
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.255 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF104361.D

Acq: 9 Apr 2018 10:27

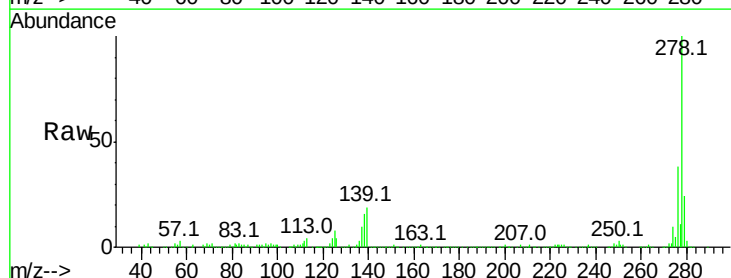
Tgt Ion:278 Resp: 583564

Ion Ratio Lower Upper

278 100

139 18.8 15.9 23.9

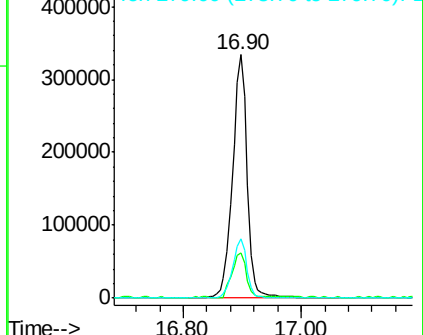
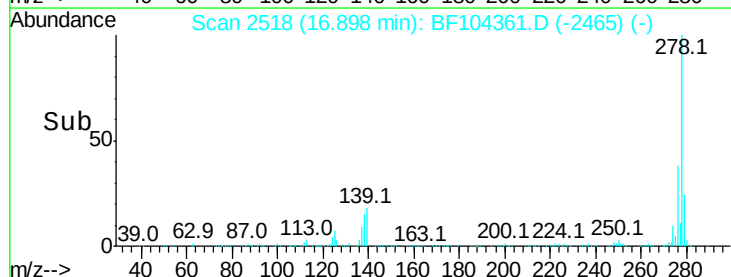
279 24.4 19.0 28.4

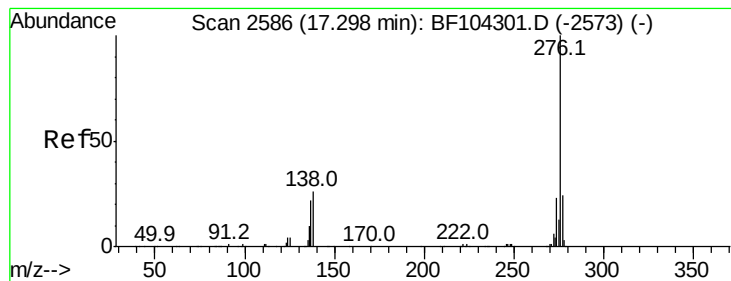


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.211 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. 0.02 min
 Lab File: BF104361.D
 Acq: 9 Apr 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	25.2	21.8	32.8

