

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104415.D
 Acq On : 10 Apr 2018 18:06
 Operator : JU/SJ
 Sample : J2301-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:53:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	106837	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	383013	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	141498	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	232141	20.00	ng	0.00
75) Chrysene-d12	13.98	240	243099	20.00	ng	0.00
86) Perylene-d12	15.44	264	177004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	464160	66.43	ng	0.00
7) Phenol-d6	6.43	99	600620	69.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	331221	56.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102154	69.60	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	527794	58.93	ng	0.00
78) Terphenyl-d14	12.92	244	499683	46.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	73611	22.610	ng	91
3) Pyridine	3.29	79	202530	22.126	ng	88
4) n-Nitrosodimethylamine	3.23	42	75130	23.480	ng	# 76
6) Aniline	6.47	93	193421	16.217	ng	97
8) 2-Chlorophenol	6.59	128	191358	25.948	ng	94
9) Benzaldehyde	6.36	77	132736	27.555	ng	99
10) Phenol	6.45	94	249241	27.362	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	188007	25.864	ng	93
12) 1,3-Dichlorobenzene	6.75	146	207477	24.834	ng	98
13) 1,4-Dichlorobenzene	6.83	146	210296	25.251	ng	98
14) 1,2-Dichlorobenzene	6.98	146	198285	25.692	ng	97
15) Benzyl Alcohol	6.95	79	155482	23.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	242062	24.797	ng	96
17) 2-Methylphenol	7.06	107	147538	23.015	ng	99
18) Hexachloroethane	7.32	117	61347	20.660	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	125261	22.329	ng	95
20) 3+4-Methylphenols	7.21	107	183090	23.029	ng	# 78
22) Acetophenone	7.22	105	255065	27.049	ng	# 98
24) Nitrobenzene	7.39	77	183941	28.403	ng	94
25) Isophorone	7.63	82	292027	23.544	ng	99
26) 2-Nitrophenol	7.70	139	80532	30.546	ng	99
27) 2,4-Dimethylphenol	7.74	122	135541	24.760	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	207651	27.381	ng	99
29) 2,4-Dichlorophenol	7.95	162	133210	25.504	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	149644	26.106	ng	99
31) Naphthalene	8.12	128	468221	24.550	ng	99
32) Benzoic acid	7.83	122	80182	18.358	ng	99
33) 4-Chloroaniline	8.16	127	101106	12.374	ng	99
34) Hexachlorobutadiene	8.23	225	86268	27.476	ng	98
35) Caprolactam	8.51	113	37861	20.779	ng	# 86
36) 4-Chloro-3-methylphenol	8.64	107	128855	23.007	ng	97
37) 2-Methylnaphthalene	8.80	142	279067	22.621	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	121724	30.052	ng	98
40) Hexachlorocyclopentadiene	8.95	237	21098	9.304	ng	95

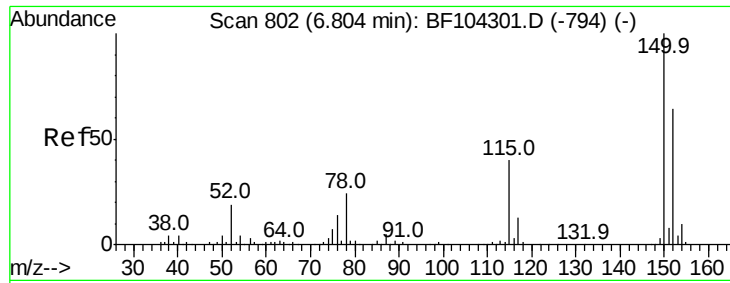
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	79710	28.349	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	78933	25.086	ng	98
45) 1,1'-Biphenyl	9.27	154	342315	28.798	ng	99
46) 2-Chloronaphthalene	9.29	162	265154	28.241	ng	99
47) 2-Nitroaniline	9.39	65	74999	32.300	ng	98
48) Acenaphthylene	9.71	152	367866	24.972	ng	99
49) Dimethylphthalate	9.56	163	341012	30.561	ng	100
50) 2,6-Dinitrotoluene	9.63	165	57555	27.876	ng	99
51) Acenaphthene	9.88	154	217878	24.241	ng	98
52) 3-Nitroaniline	9.80	138	59597	24.656	ng	96
53) 2,4-Dinitrophenol	9.90	184	3397	10.920	ng	# 25
54) Dibenzofuran	10.05	168	327319	26.132	ng	100
55) 4-Nitrophenol	9.95	139	95347	50.216	ng	99
56) 2,4-Dinitrotoluene	10.03	165	64992	23.997	ng	# 88
57) Fluorene	10.40	166	226281	24.819	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	57387	24.447	ng	# 93
59) Diethylphthalate	10.27	149	276788	24.907	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	116139	28.604	ng	99
61) 4-Nitroaniline	10.40	138	57600	24.371	ng	98
62) Azobenzene	10.55	77	247502	23.312	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	3765	10.167	ng	82
65) n-Nitrosodiphenylamine	10.50	169	215374	26.758	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	67568	27.364	ng	# 89
67) Hexachlorobenzene	10.95	284	72632	26.142	ng	# 84
68) Atrazine	11.03	200	64965	26.740	ng	98
69) Pentachlorophenol	11.14	266	85773	49.901	ng	98
70) Phenanthrene	11.36	178	319959	24.750	ng	99
71) Anthracene	11.41	178	323938	24.650	ng	98
72) Carbazole	11.57	167	340685	26.530	ng	98
73) Di-n-butylphthalate	11.90	149	395290	25.200	ng	98
74) Fluoranthene	12.55	202	369544	27.359	ng	97
76) Benzidine	12.67	184	424329	58.114	ng	98
77) Pyrene	12.78	202	396309	21.994	ng	98
79) Butylbenzylphthalate	13.40	149	193338	22.775	ng	100
80) Benzo(a)anthracene	13.97	228	361784	24.911	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	147642	27.266	ng	98
82) Chrysene	14.00	228	361863	24.258	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	280818	25.718	ng	# 98
84) Di-n-octyl phthalate	14.58	149	502514	27.542	ng	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	236948	18.698	ng	97
87) Benzo(b)fluoranthene	15.02	252	300121	26.846	ng	98
88) Benzo(k)fluoranthene	15.04	252	276196	26.169	ng	99
89) Benzo(a)pyrene	15.38	252	251250	25.118	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	202902	24.698	ng	98
91) Benzo(g,h,i)perylene	17.33	276	190784	23.970	ng	97

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

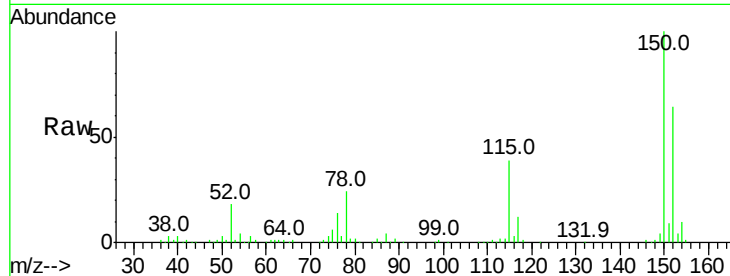


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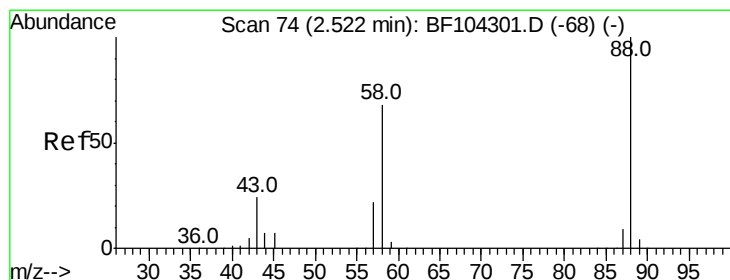
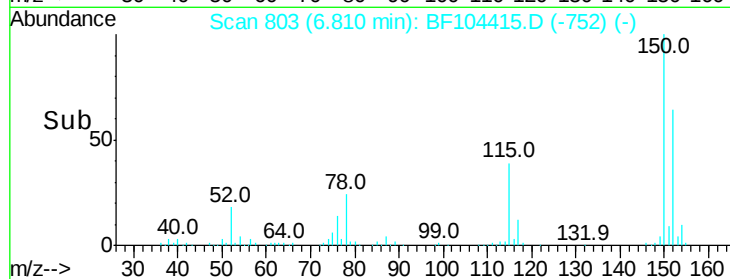
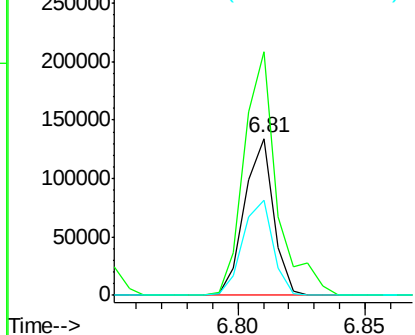
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106837
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.8 50.1 75.1



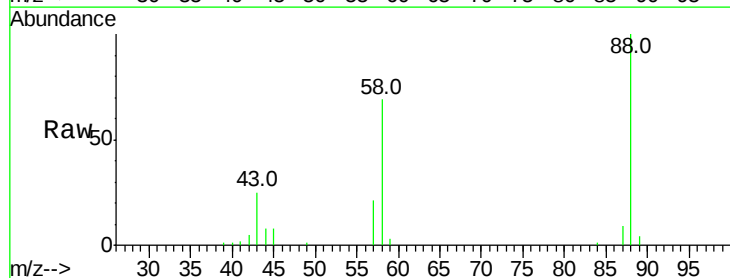
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



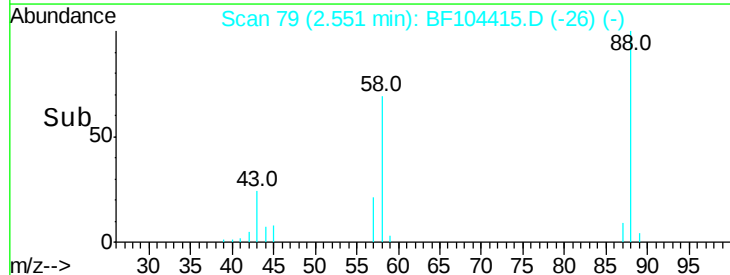
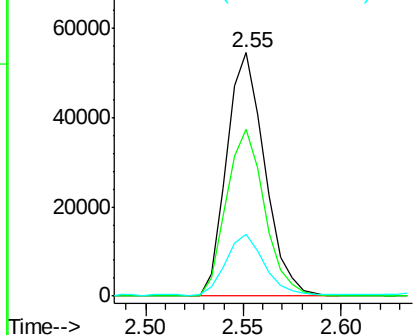
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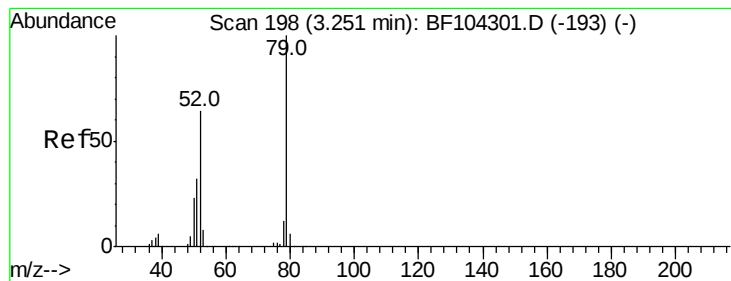
1,4-Dioxane
Concen: 22.610 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion: 88 Resp: 73611
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 27.2 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: 22.126 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

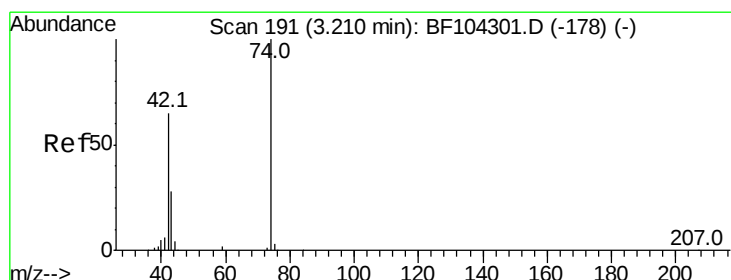
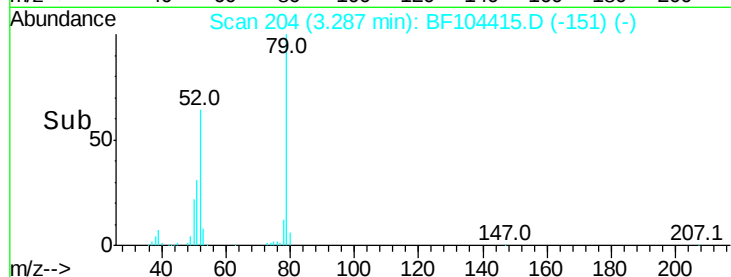
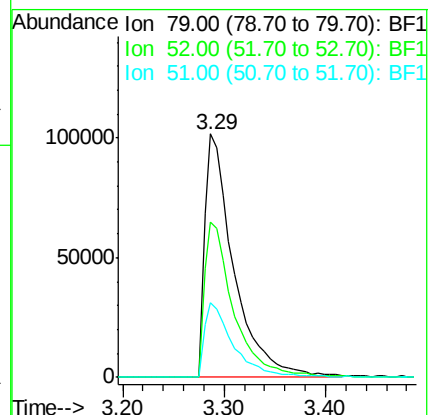
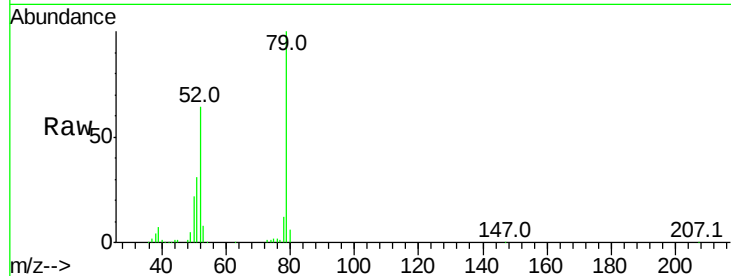
Tot Ion: 79 Resp: 202530

Ion Ratio Lower Upper

79 100

52 64.0 59.8 89.6

51 30.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 23.480 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

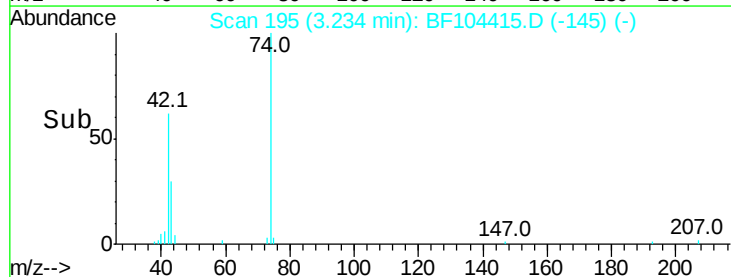
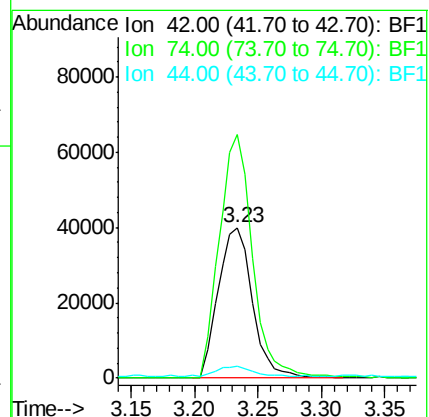
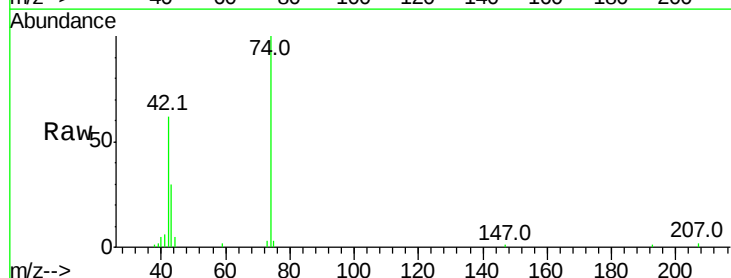
Tgt Ion: 42 Resp: 75130

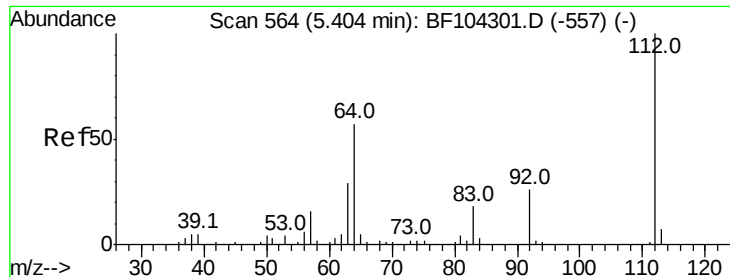
Ion Ratio Lower Upper

42 100

74 161.5 104.9 157.3#

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 66.431 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

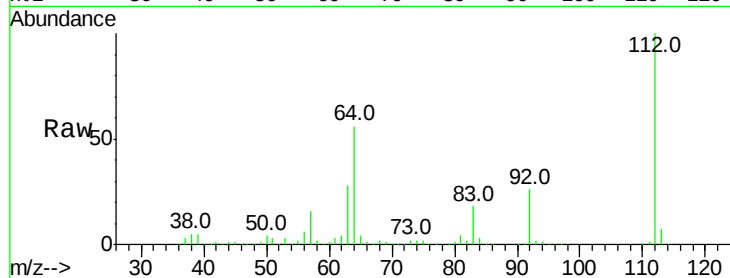
Tot Ion:112 Resp: 464160

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

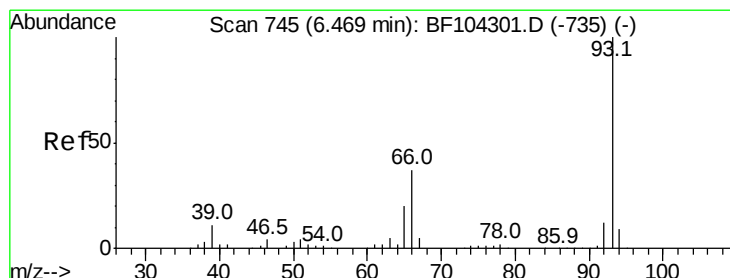
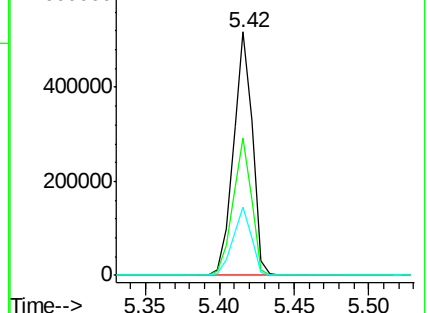
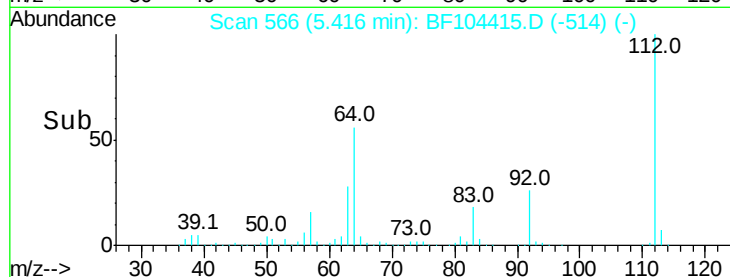
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.217 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

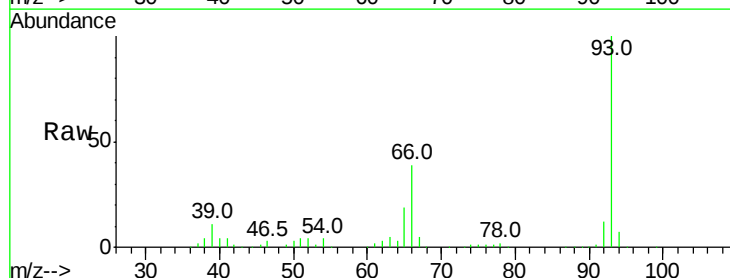
Tgt Ion: 93 Resp: 193421

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

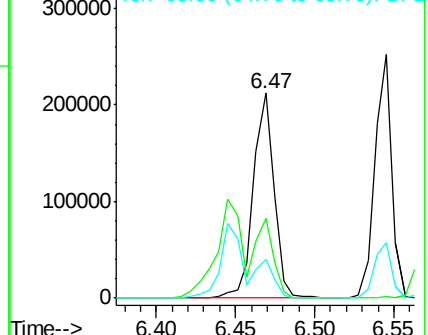
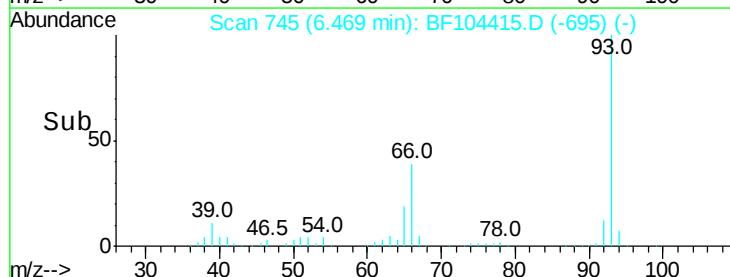
65 19.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.962 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

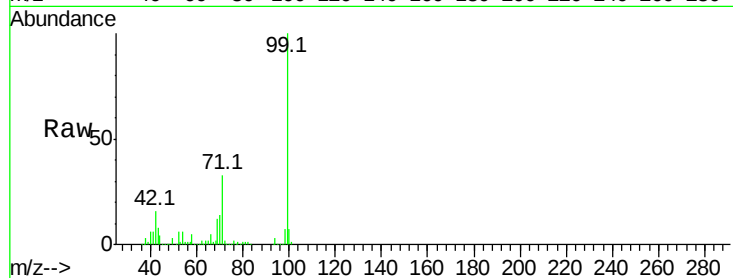
Tot Ion: 99 Resp: 600620

Ion Ratio Lower Upper

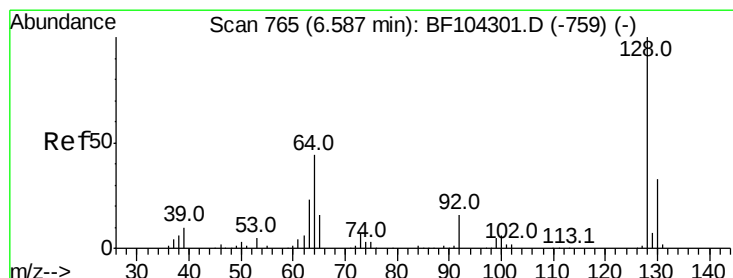
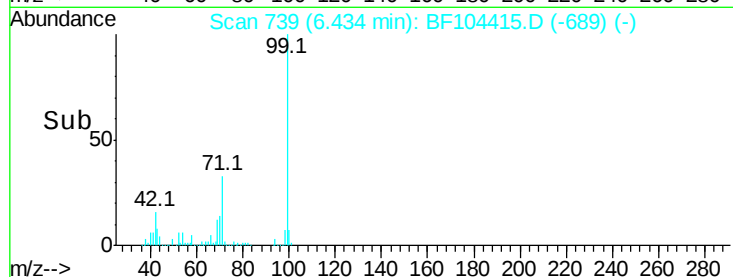
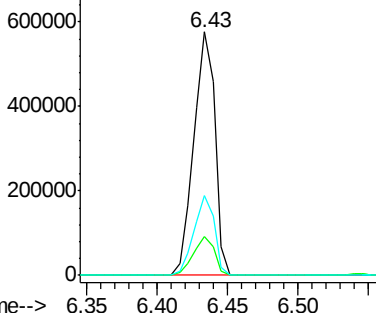
99 100

42 16.0 14.5 21.7

71 32.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 25.948 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

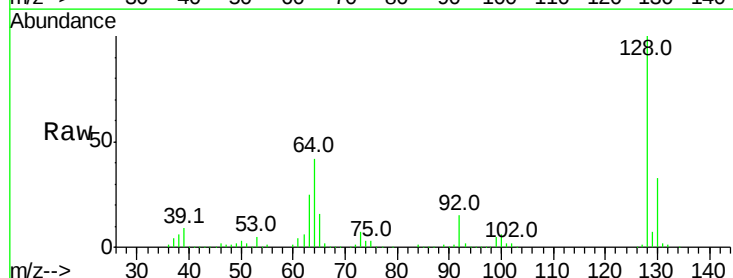
Tgt Ion: 128 Resp: 191358

Ion Ratio Lower Upper

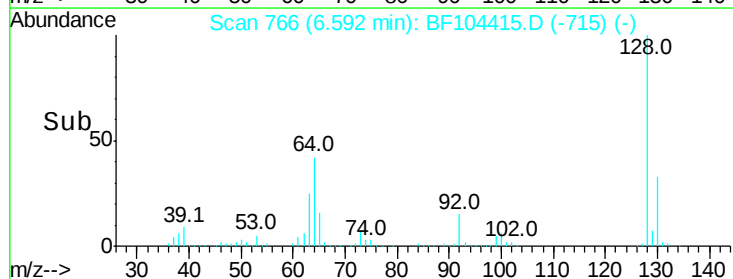
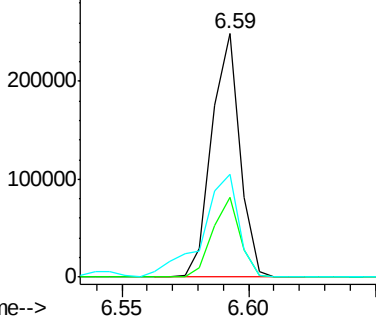
128 100

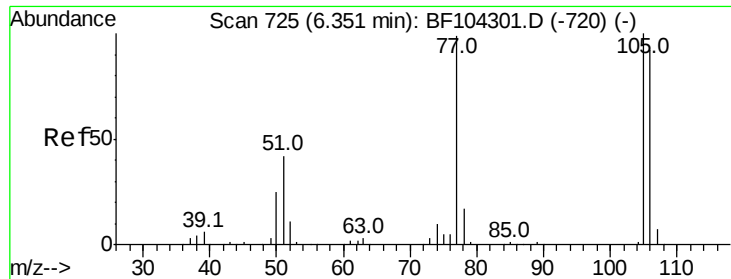
130 33.0 13.0 53.0

64 42.3 29.4 69.4



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

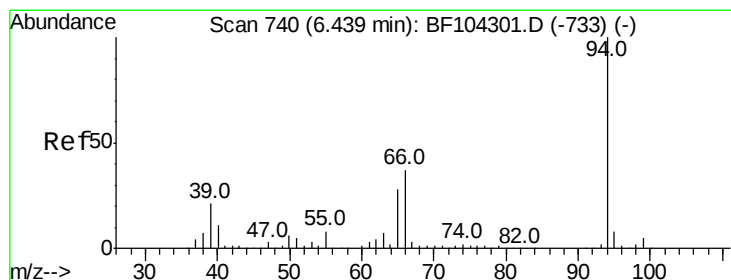
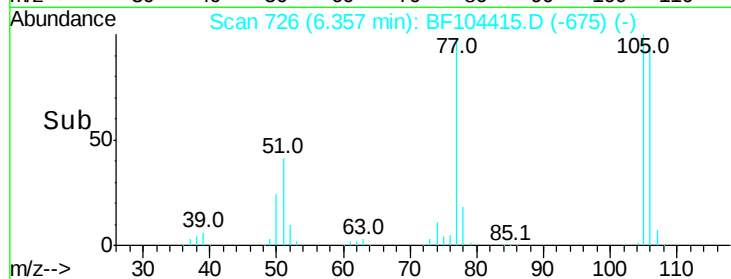
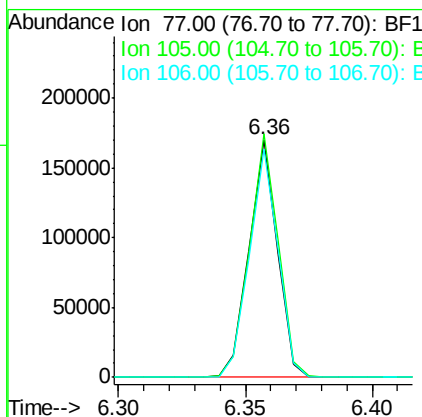
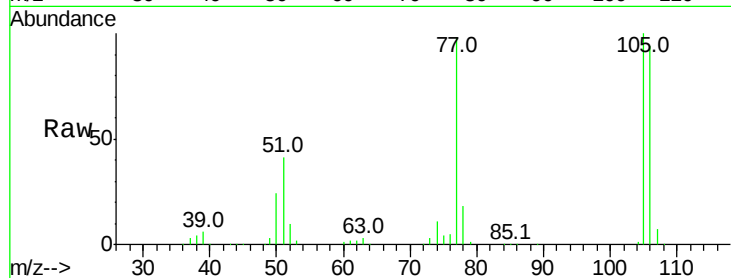




#9
Benzaldehyde
Concen: 27.555 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

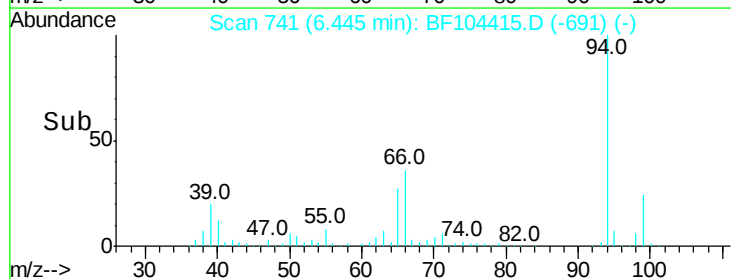
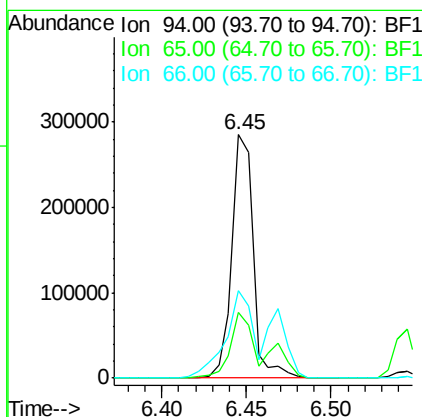
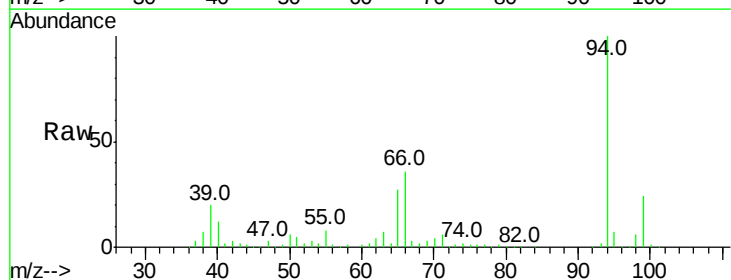
Instrument :
BNA_F
ClientSampleId :

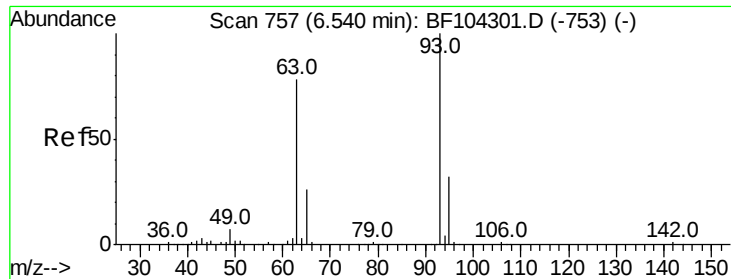
Tot Ion: 77 Resp: 132736
Ion Ratio Lower Upper
77 100
105 102.4 81.1 121.1
106 96.1 74.5 114.5



#10
Phenol
Concen: 27.362 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion: 94 Resp: 249241
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 35.7 16.2 56.2

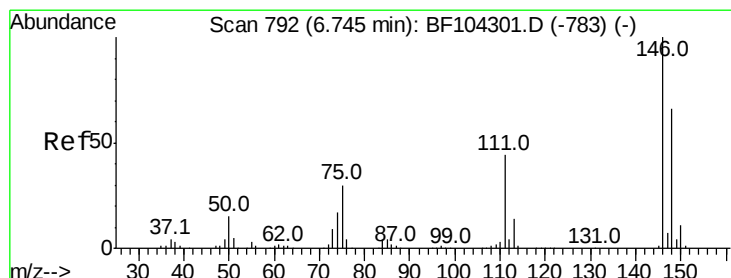
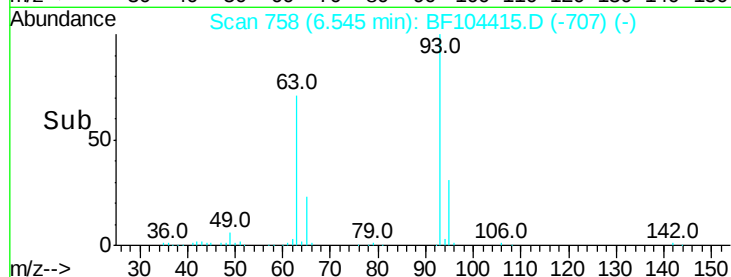
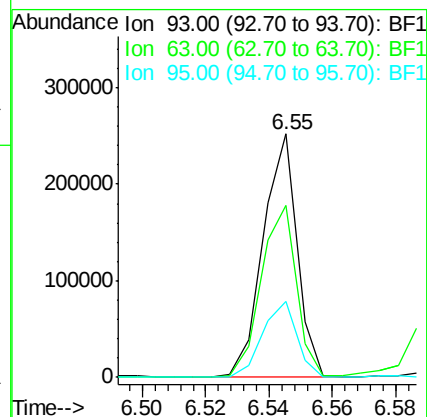
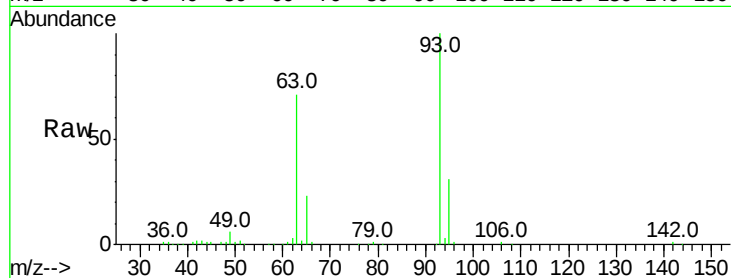




#11
bis(2-Chloroethyl)ether
Concen: 25.864 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

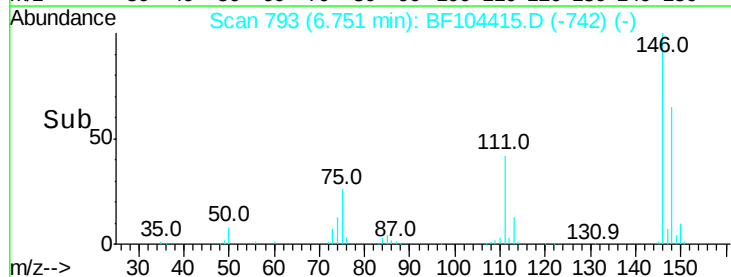
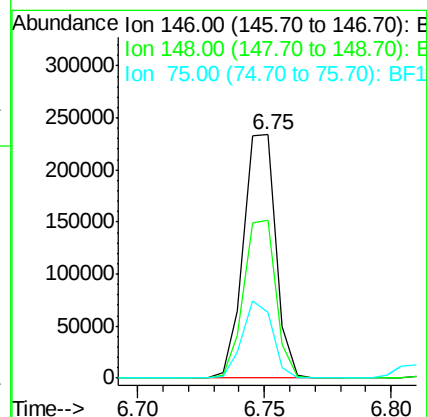
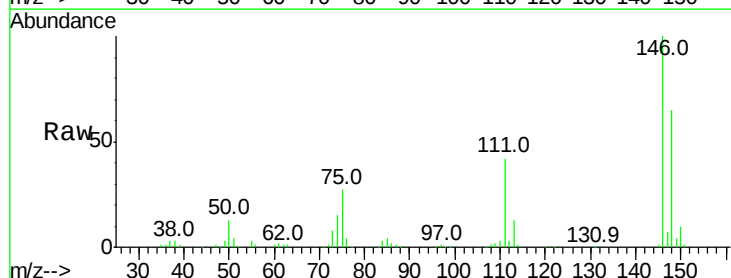
Instrument :
BNA_F
ClientSampleId :

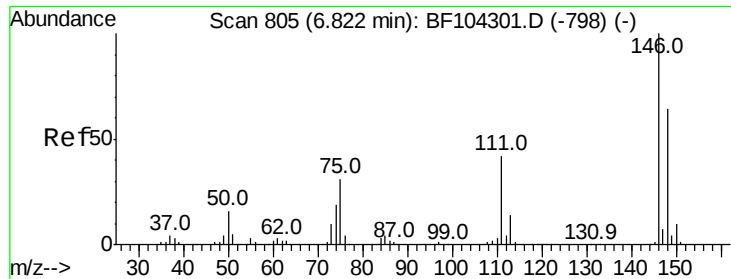
Tot Ion: 93 Resp: 188007
Ion Ratio Lower Upper
93 100
63 70.8 58.6 98.6
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 24.834 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion: 146 Resp: 207477
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 26.9 24.2 36.4

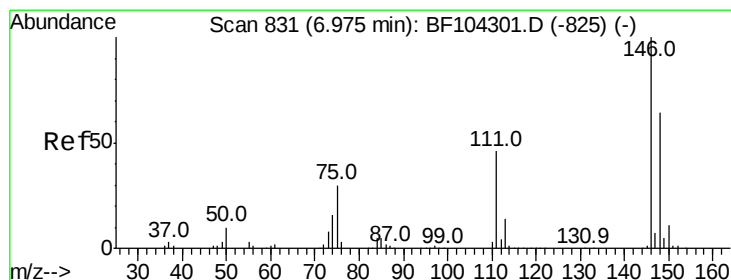
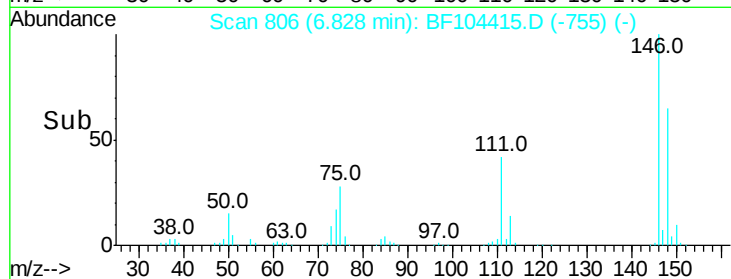
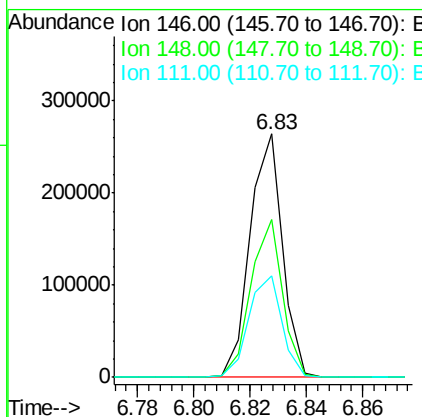
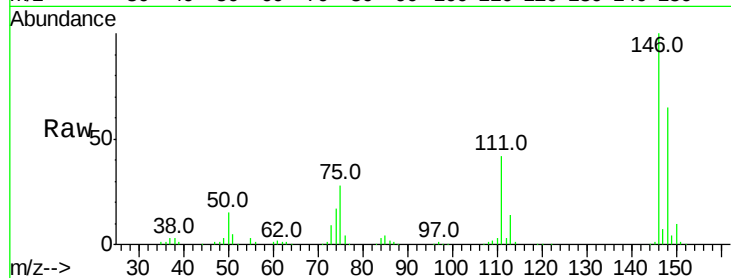




#13
 1,4-Dichlorobenzene
 Concen: 25.251 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

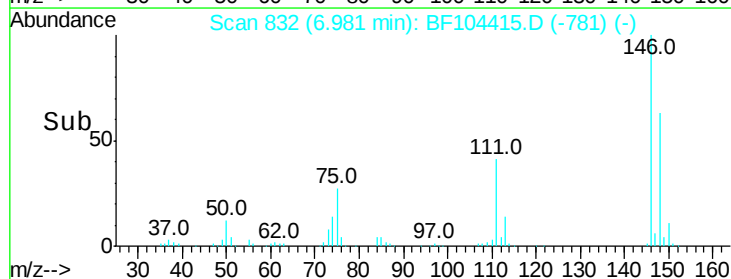
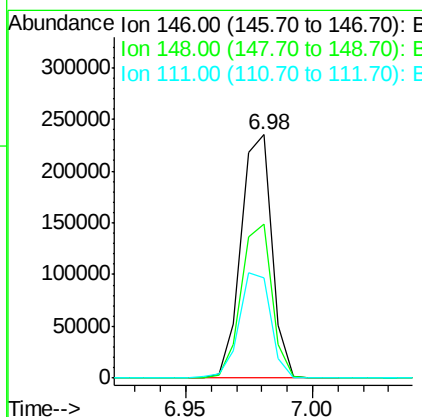
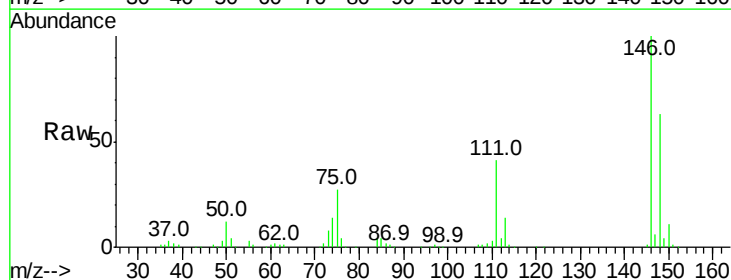
Instrument :
 BNA_F
 ClientSampleId :

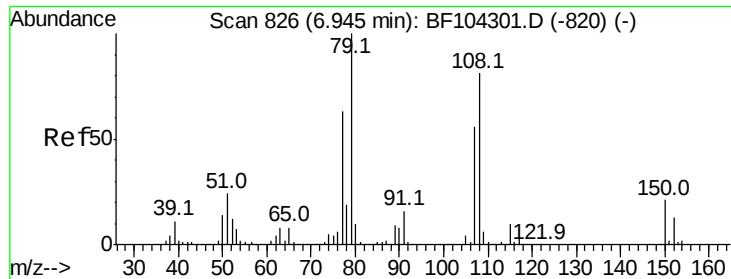
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	41.6	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 25.692 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	41.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 23.845 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

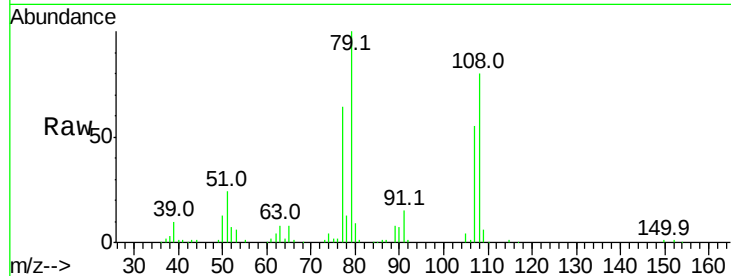
Tot Ion: 79 Resp: 155482

Ion Ratio Lower Upper

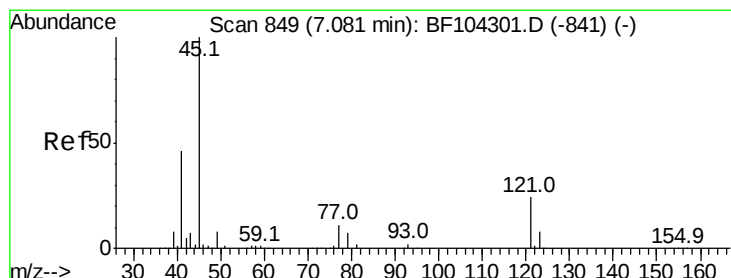
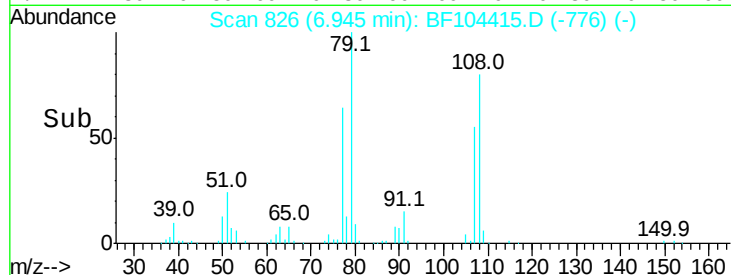
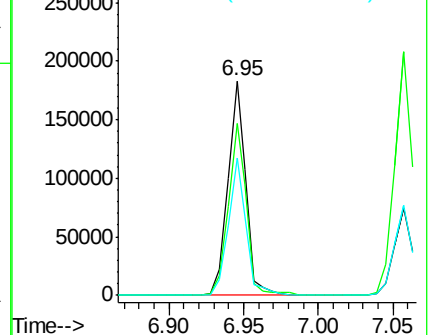
79 100

108 80.1 65.1 97.7

77 63.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.797 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

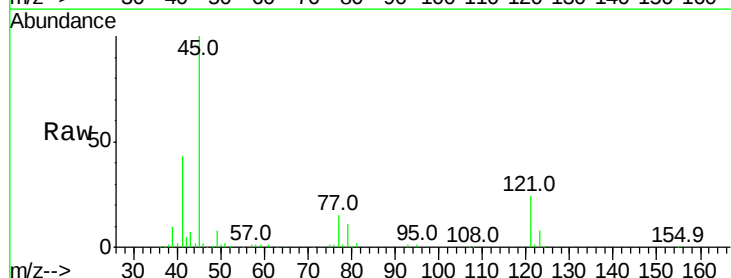
Tgt Ion: 45 Resp: 242062

Ion Ratio Lower Upper

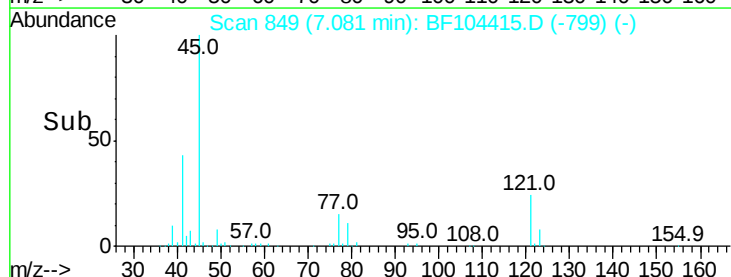
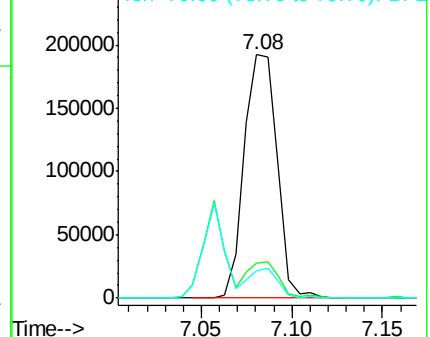
45 100

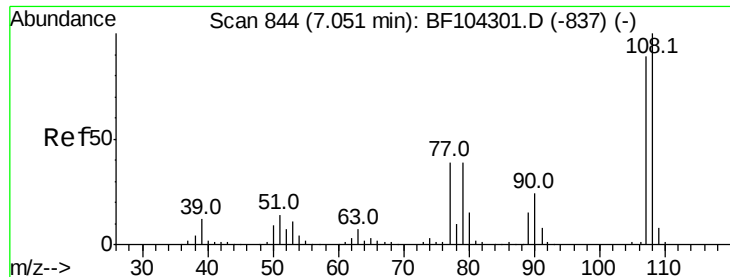
77 14.6 0.0 32.9

79 11.1 0.0 29.6



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

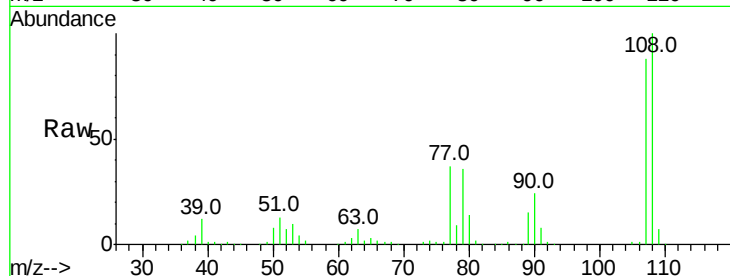




#17
2-Methylphenol
Concen: 23.015 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	42.1	33.8	50.8
79	41.1	33.8	50.8



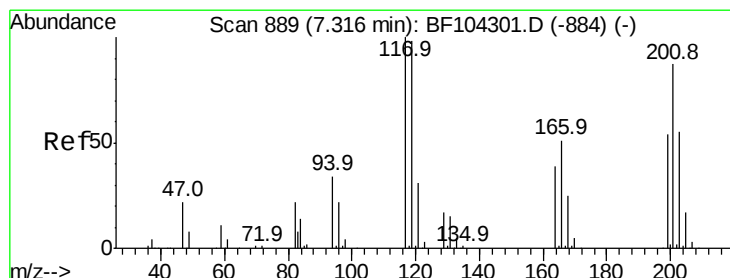
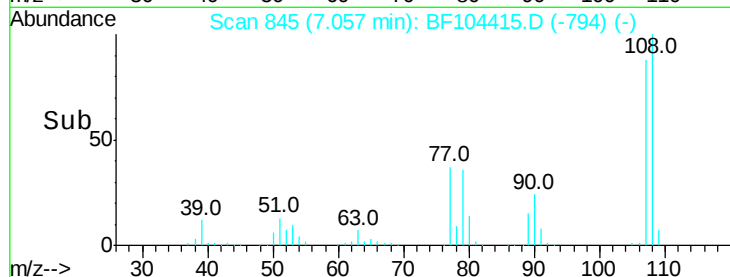
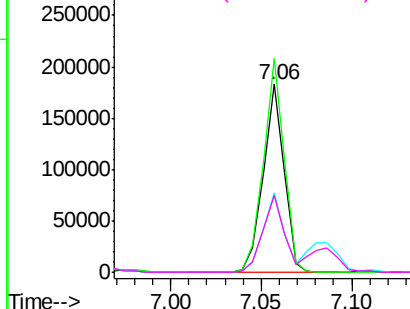
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

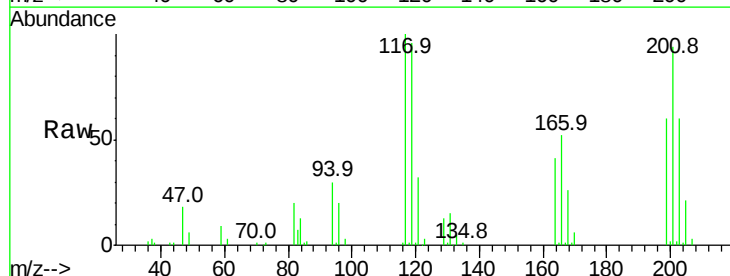
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 20.660 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	93.9	75.7	113.5

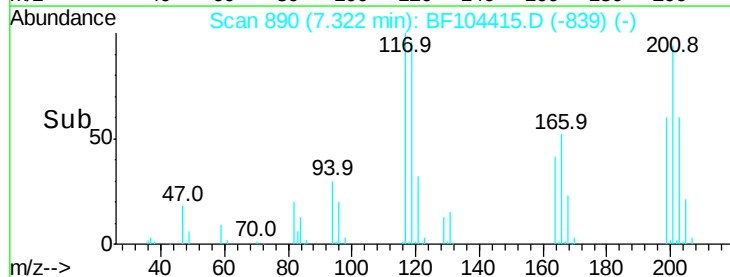
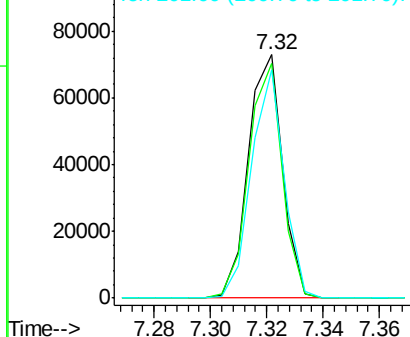


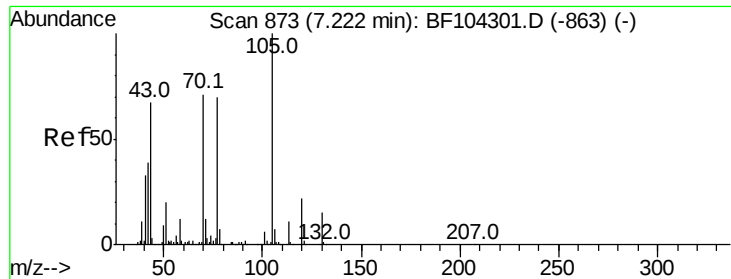
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

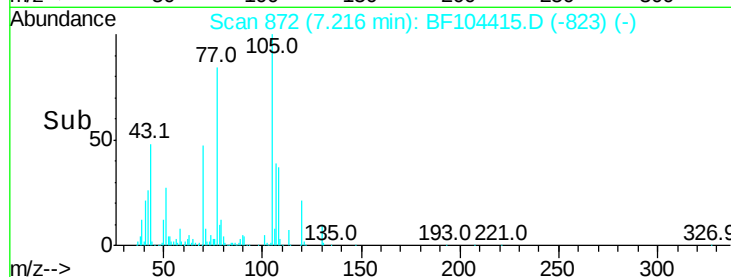
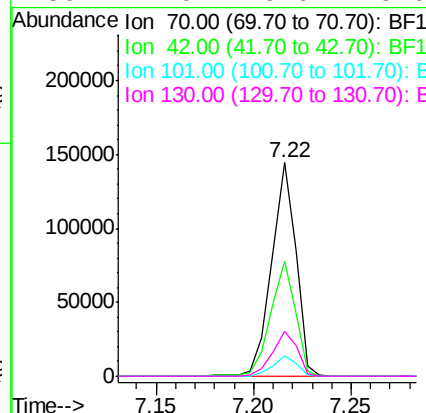
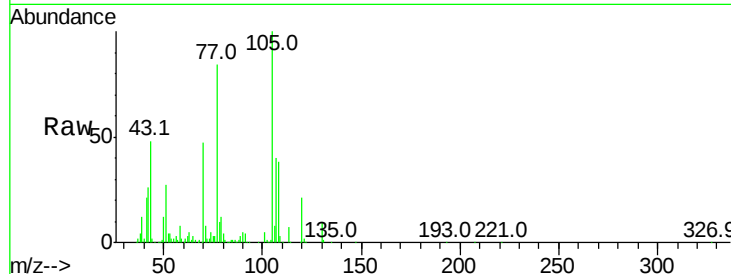




#19
n-Nitroso-di-n-propylamine
Concen: 22.329 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

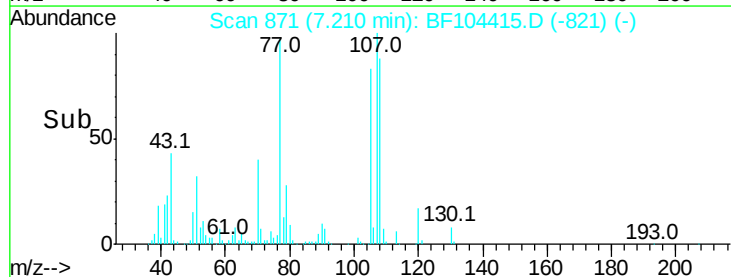
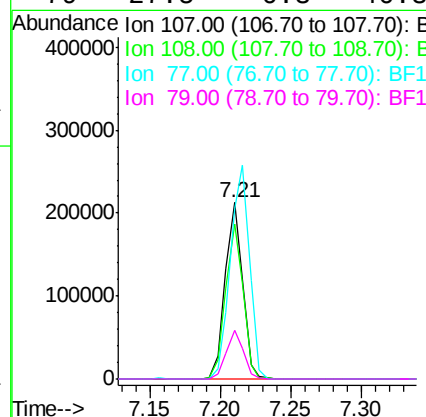
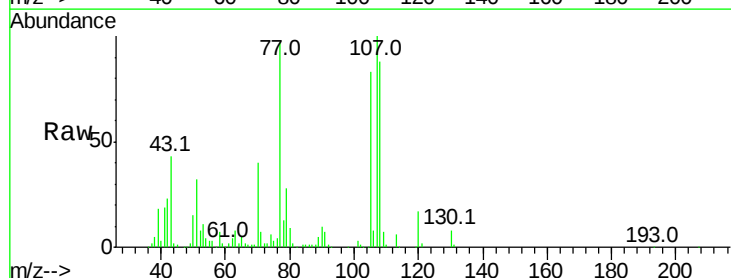
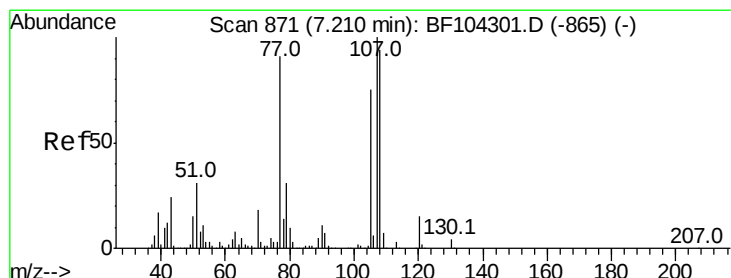
Instrument :
BNA_F
ClientSampleId :

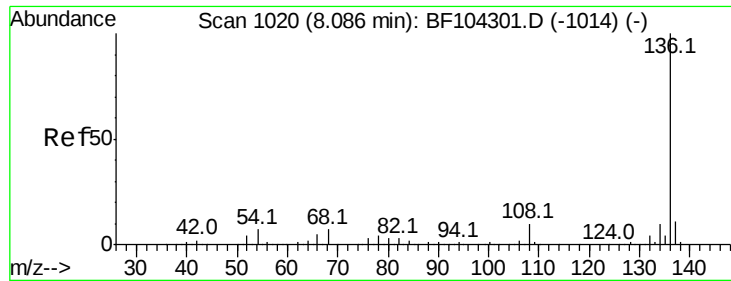
Tot Ion:	70	Resp:	125261
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.029 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:	107	Resp:	183090
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	96.6	26.7	66.7#
79	27.5	6.3	46.3

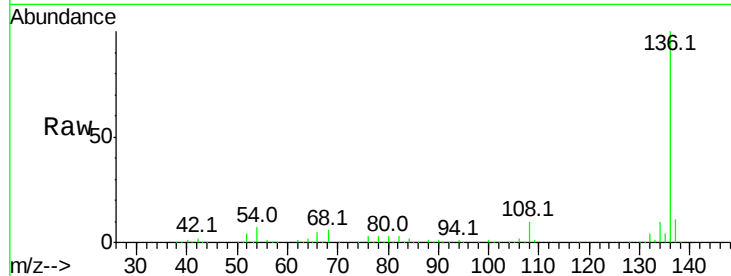




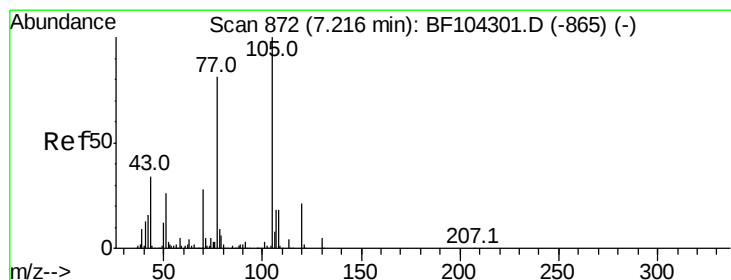
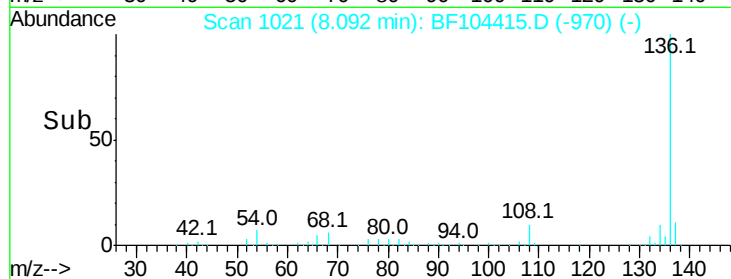
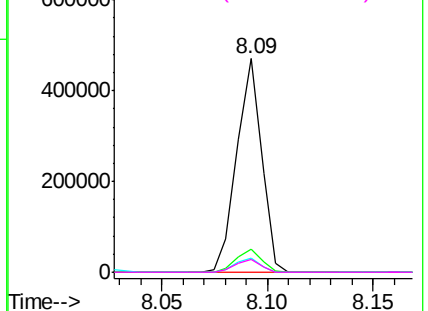
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	383013
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.8	6.6 9.8
68	5.8	5.0 7.4

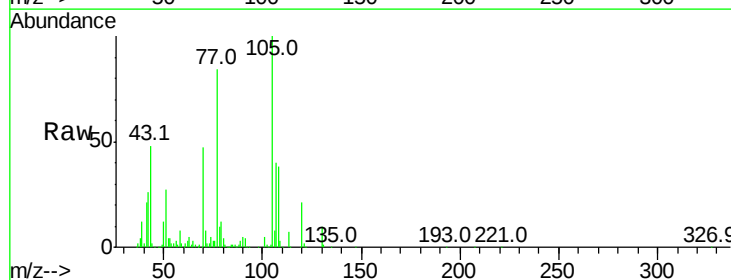


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

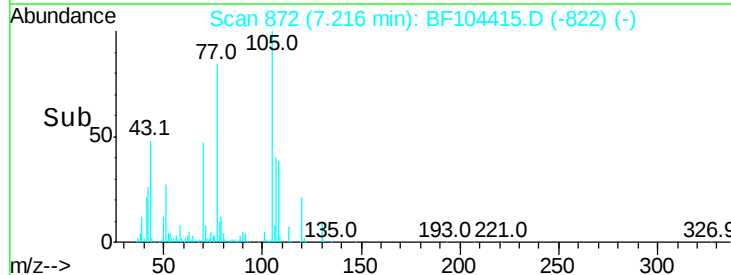
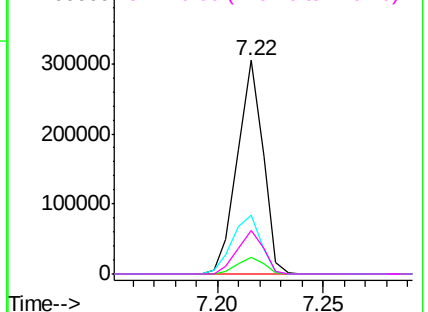


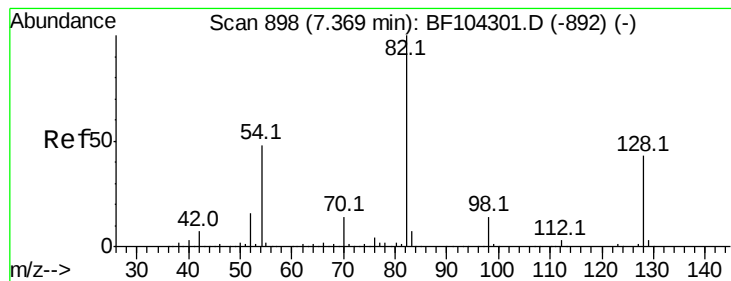
#22
Acetophenone
Concen: 27.049 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:105	Resp:	255065
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	27.3	22.3 33.5
120	20.6	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: 56.468 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

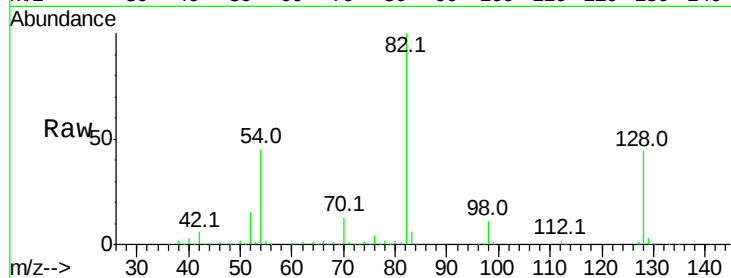
Tot Ion: 82 Resp: 331221

Ion Ratio Lower Upper

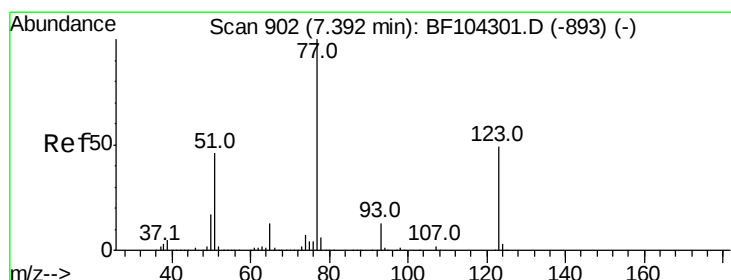
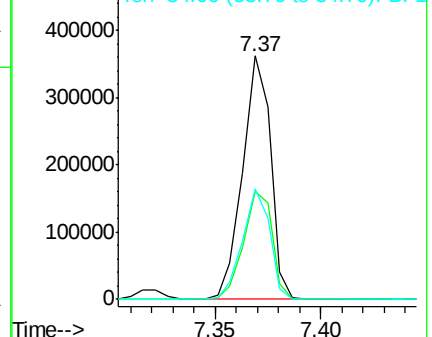
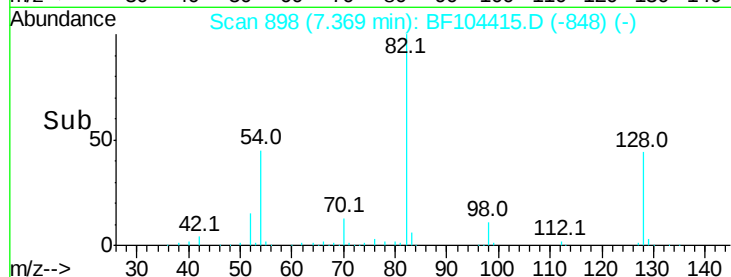
82 100

128 44.2 36.1 54.1

54 45.1 41.4 62.2



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



#24

Nitrobenzene

Concen: 28.403 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

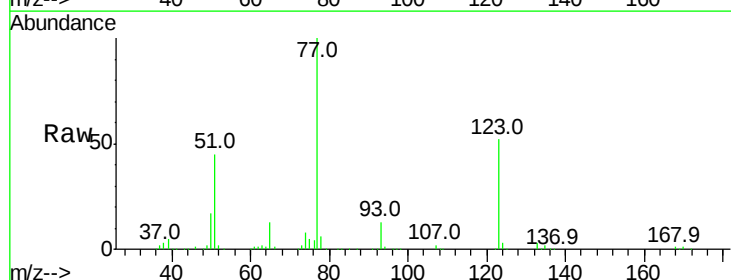
Tgt Ion: 77 Resp: 183941

Ion Ratio Lower Upper

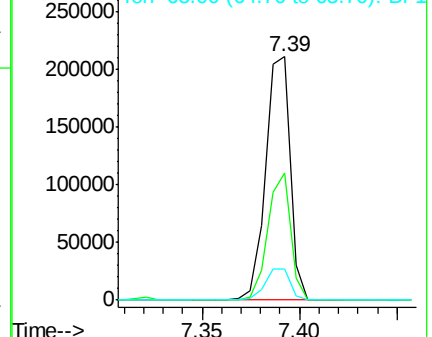
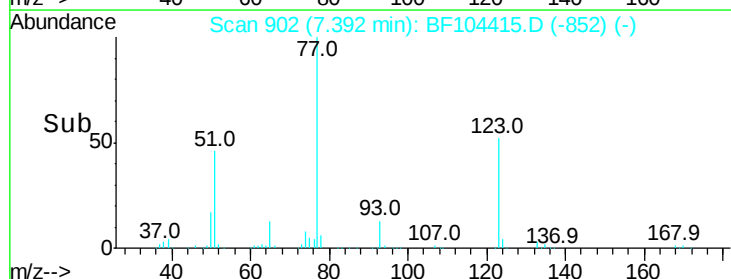
77 100

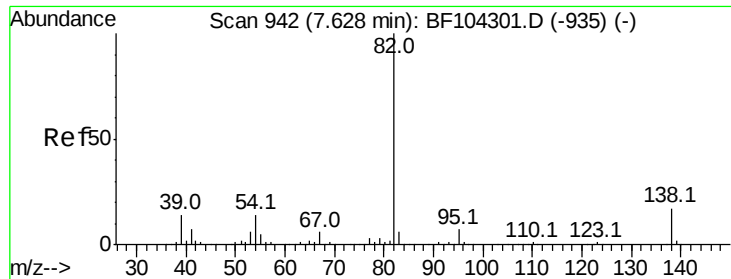
123 52.4 37.9 56.9

65 12.7 11.0 16.4



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

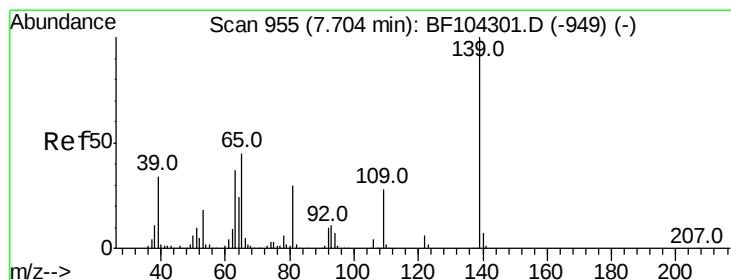
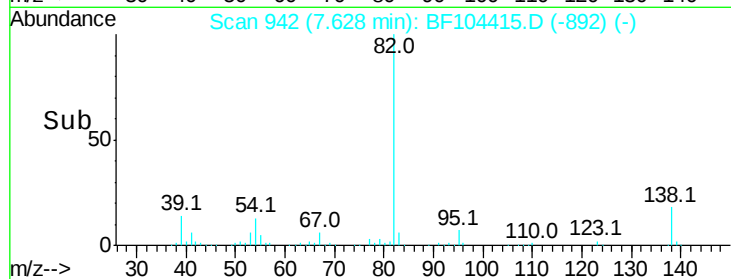
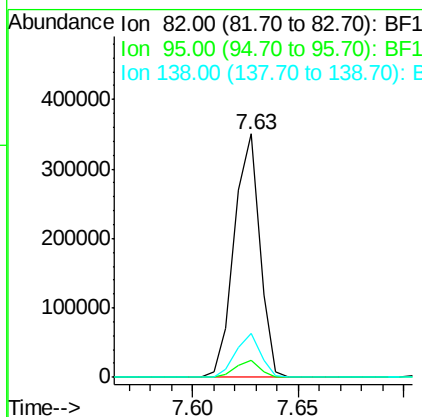
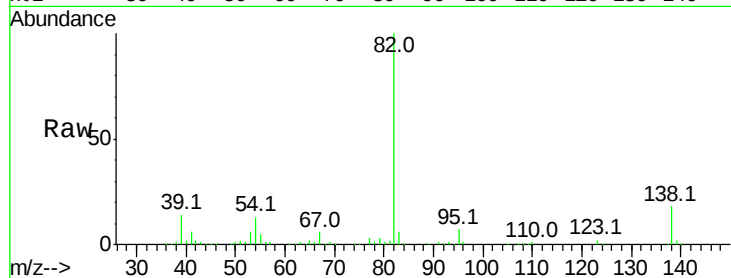




#25
Isophorone
Concen: 23.544 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

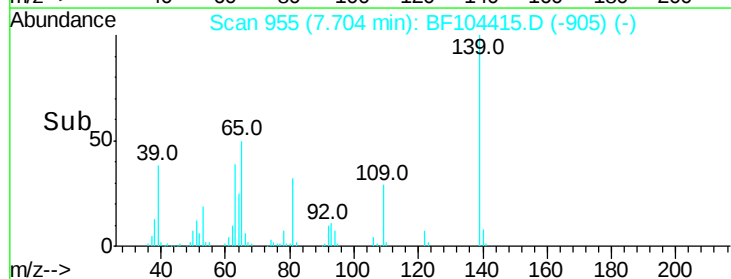
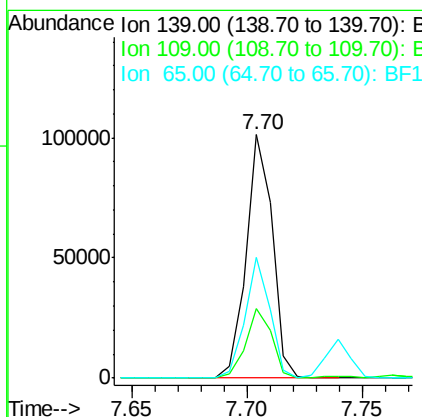
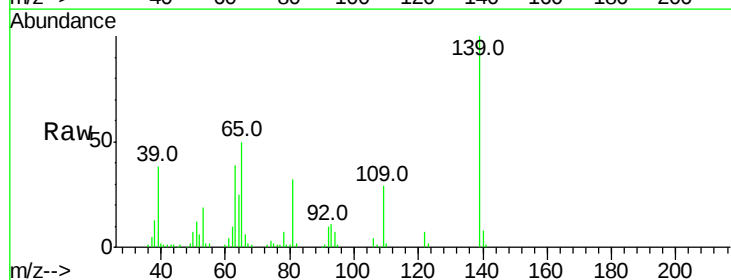
Instrument :
BNA_F
ClientSampleId :

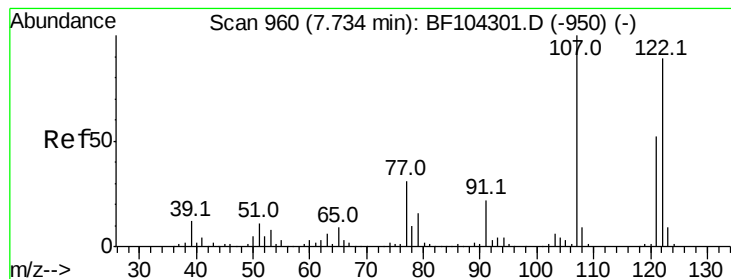
Tot Ion	82	Resp	292027
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	18.3	14.9	22.3



#26
2-Nitrophenol
Concen: 30.546 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	139	Resp	80532
Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.7	34.1
65	49.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 24.760 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

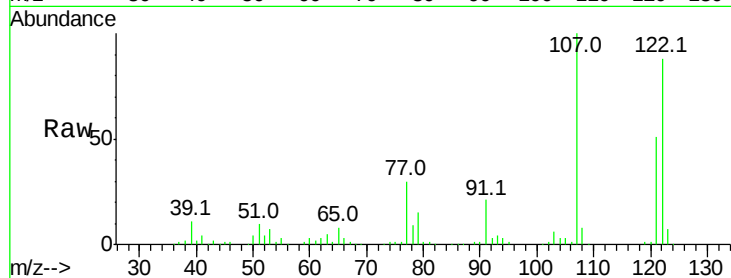
Tot Ion:122 Resp: 135541

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

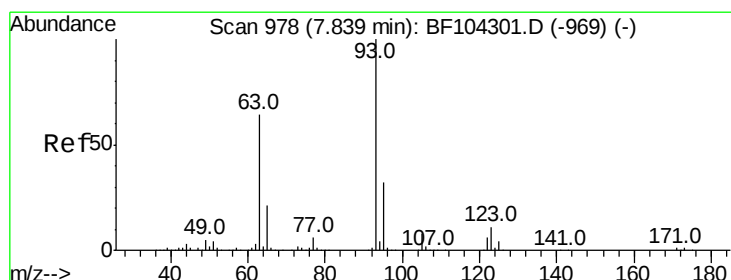
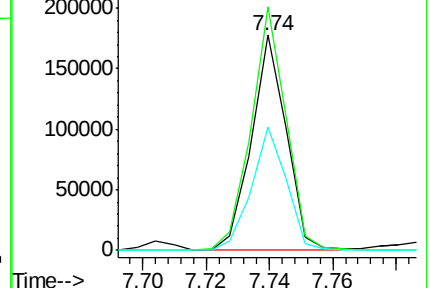
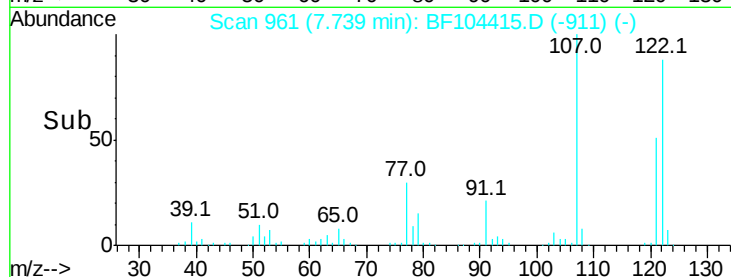
121 57.6 47.2 70.8



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: 27.381 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

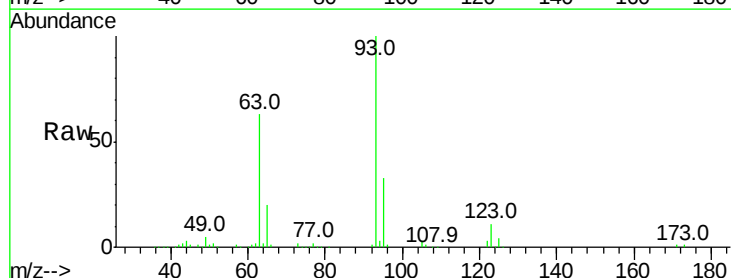
Tgt Ion: 93 Resp: 207651

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

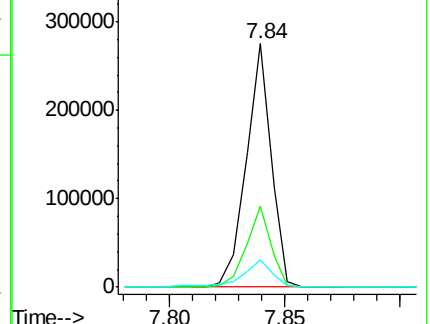
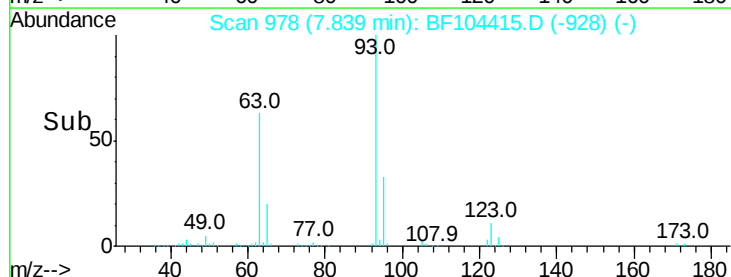
123 11.2 9.8 14.6

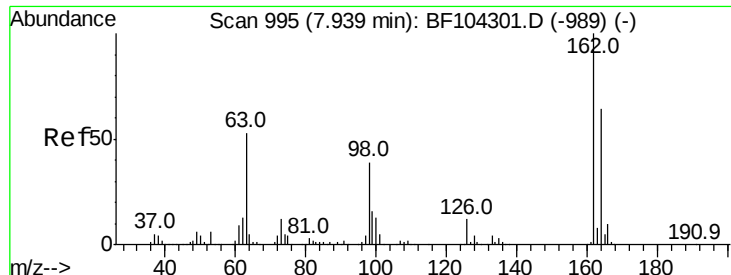


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

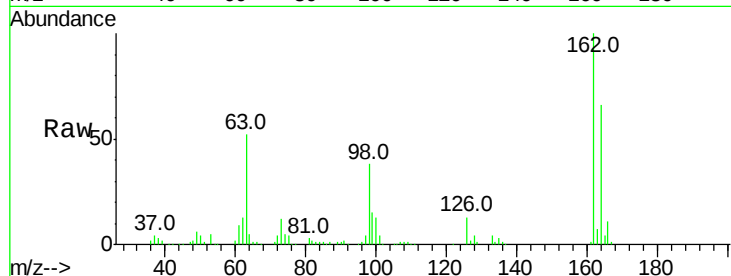




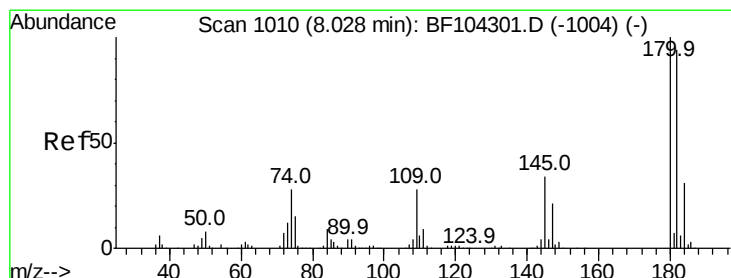
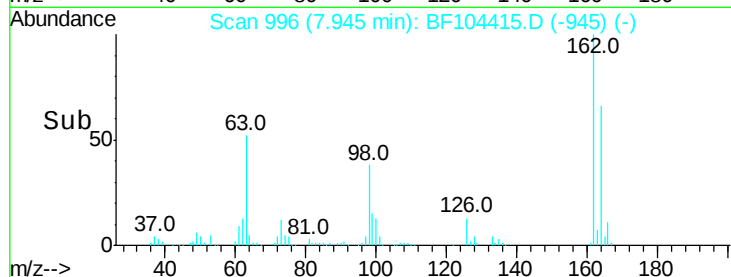
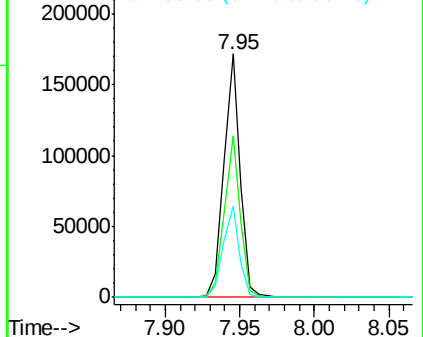
#29
2,4-Dichlorophenol
Concen: 25.504 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 133210
Ion Ratio Lower Upper
162 100
164 66.3 42.7 82.7
98 37.6 18.1 58.1

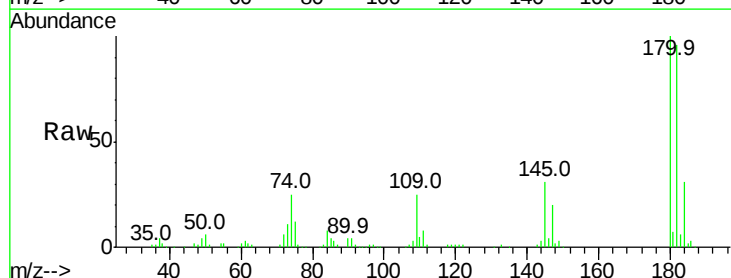


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

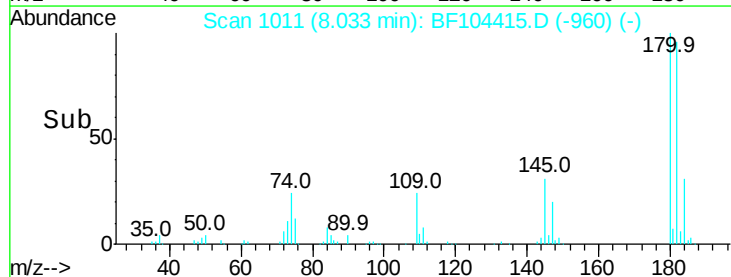
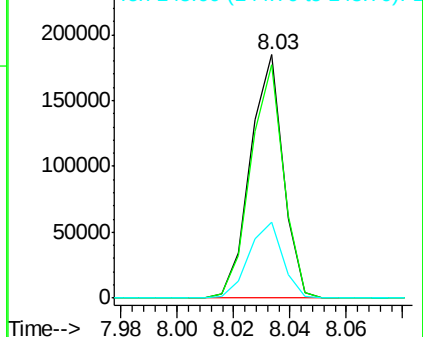


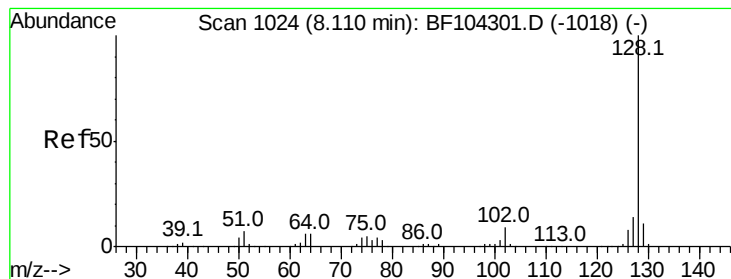
#30
1,2,4-Trichlorobenzene
Concen: 26.106 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:180 Resp: 149644
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.3 26.5 39.7



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





#31

Naphthalene

Concen: 24.550 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

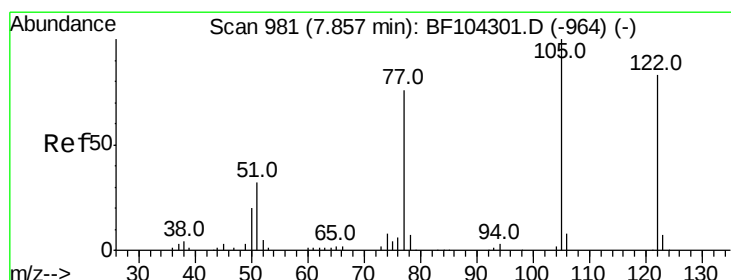
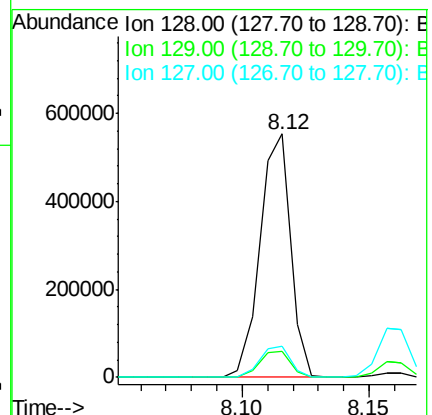
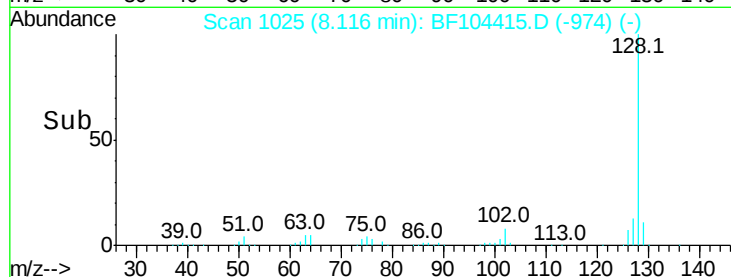
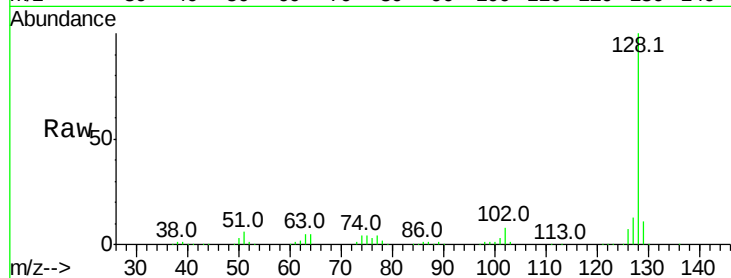
Tot Ion:128 Resp: 468221

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.0 10.9 16.3



#32

Benzoic acid

Concen: 18.358 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

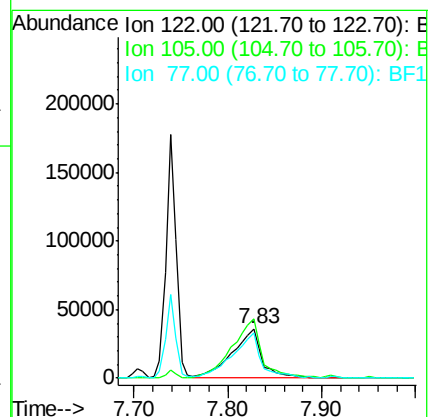
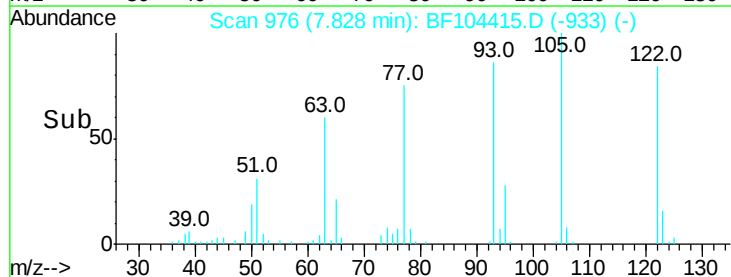
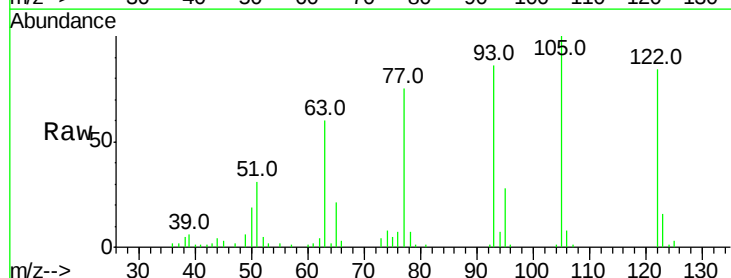
Tgt Ion:122 Resp: 80182

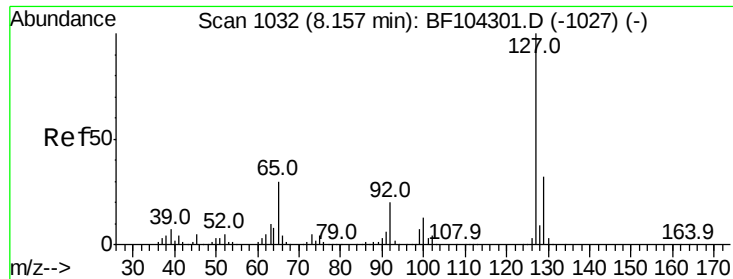
Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

77 90.2 70.7 110.7

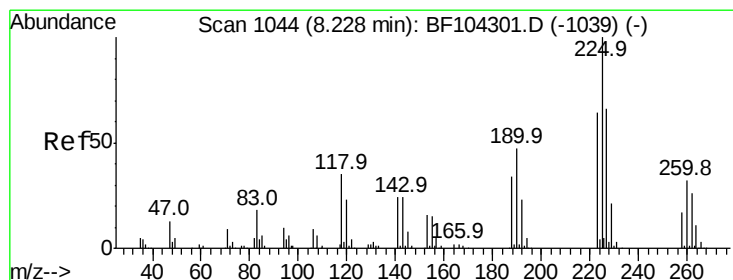
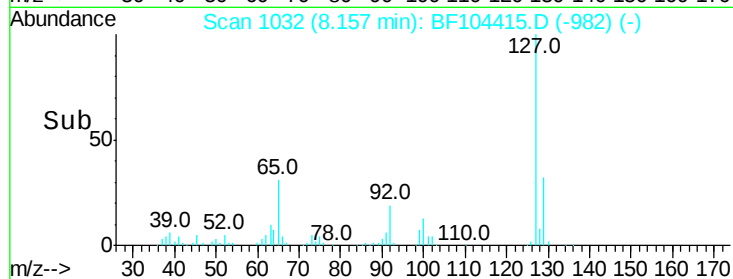
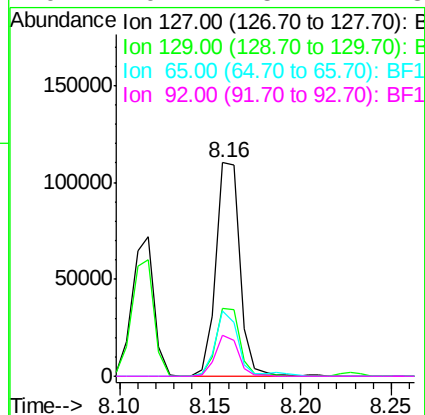
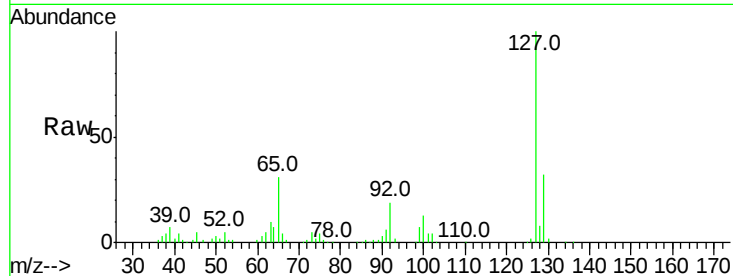




#33
4-Chloroaniline
Concen: 12.374 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

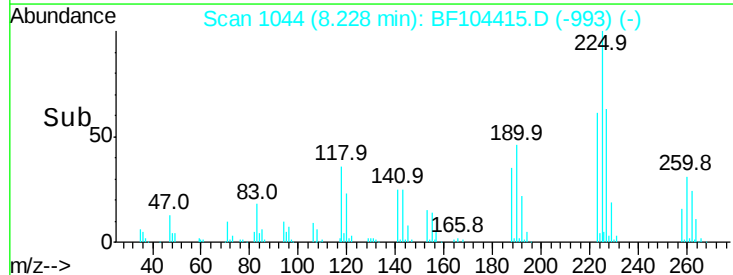
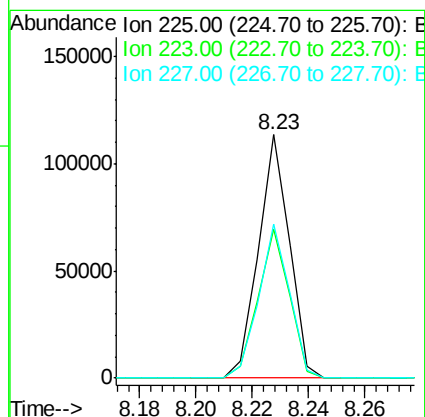
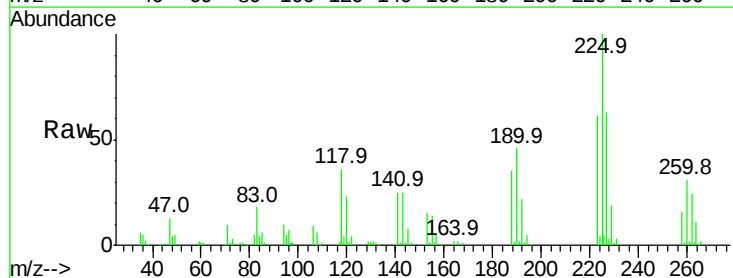
Instrument :
BNA_F
ClientSampleId :

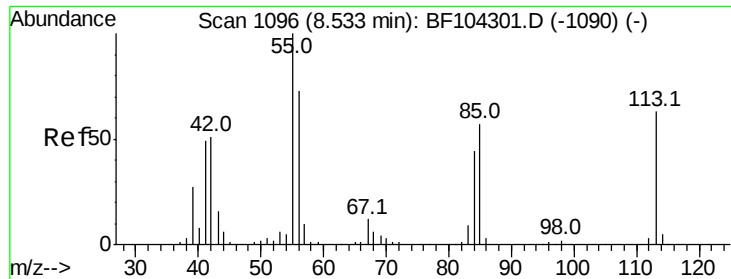
Tot Ion:	127	Resp:	101106
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.6	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 27.476 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:	225	Resp:	86268
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	63.5	51.9	77.9





#35

Caprolactam

Concen: 20.779 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

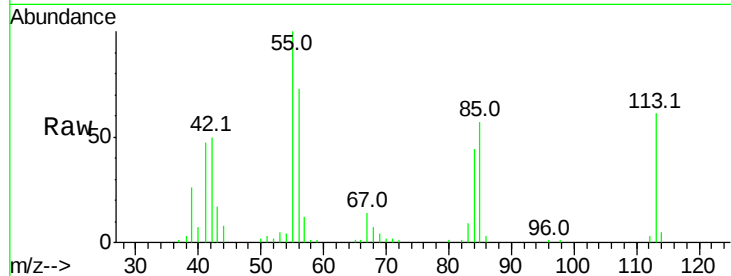
Tot Ion:113 Resp: 37861

Ion Ratio Lower Upper

113 100

55 163.0 163.3 203.3#

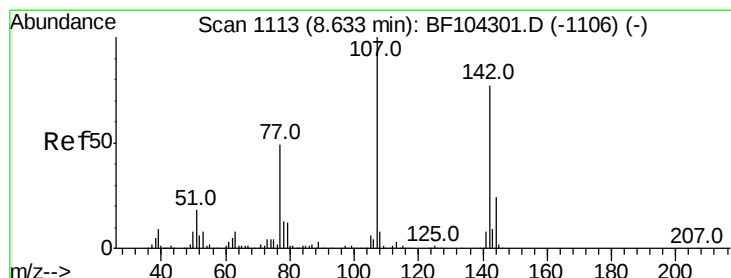
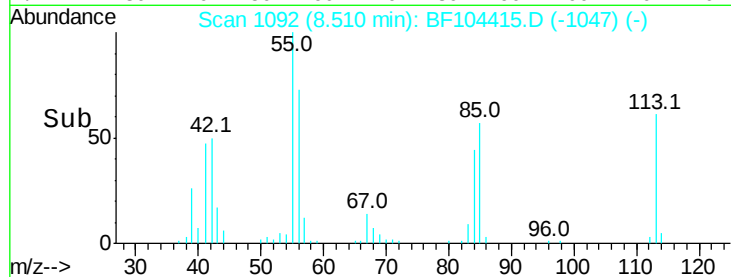
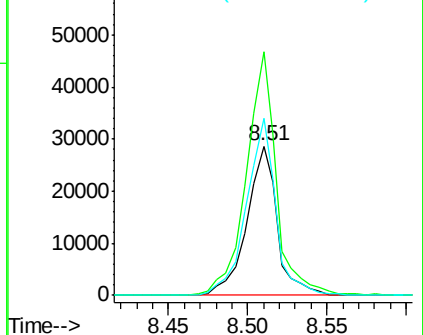
56 118.4 115.7 155.7



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: 23.007 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

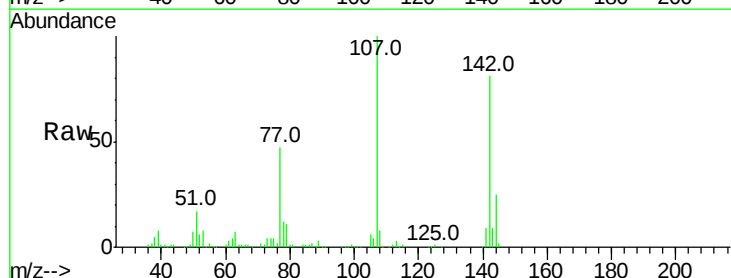
Tgt Ion:107 Resp: 128855

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

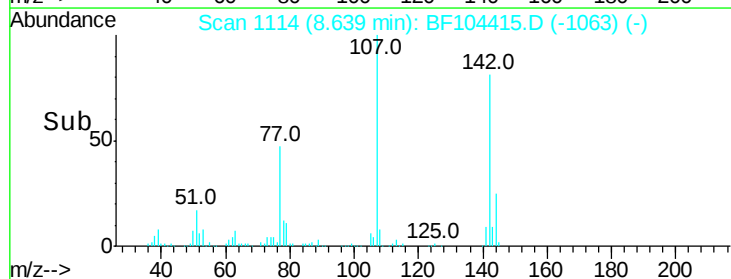
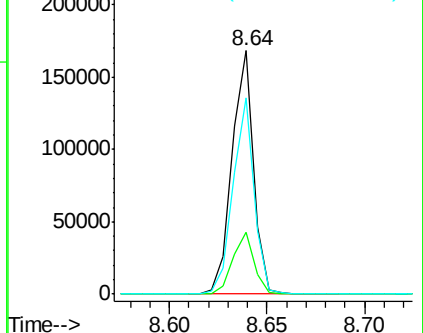
142 80.5 62.0 93.0

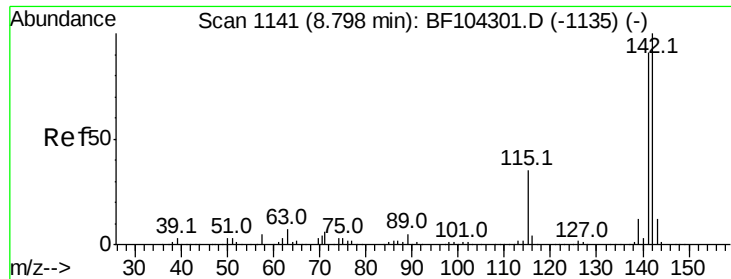


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

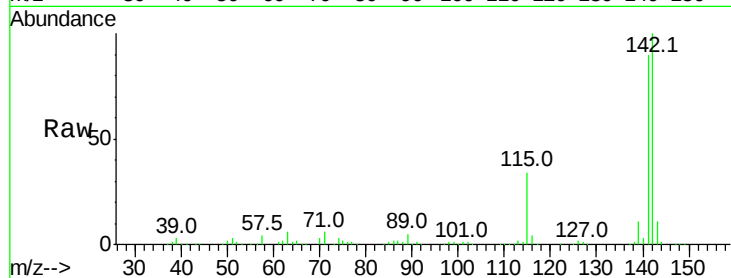




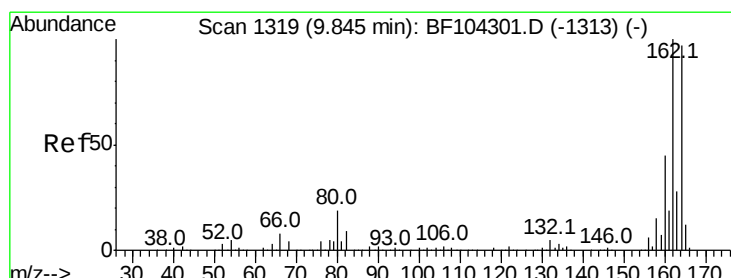
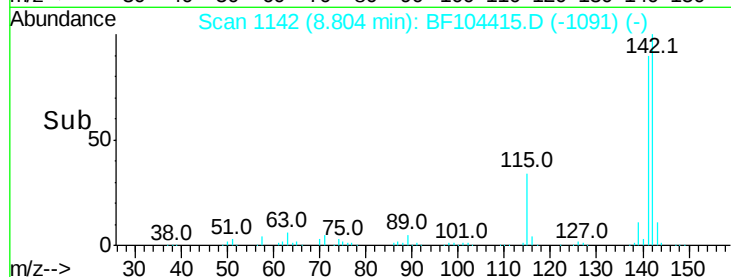
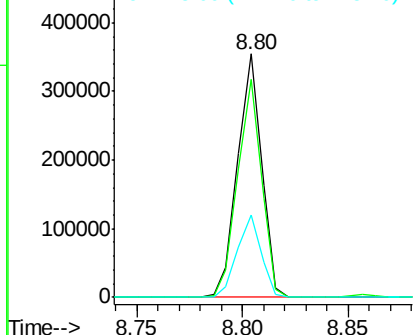
#37
2-Methylnaphthalene
Concen: 22.621 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.8	26.1	39.1

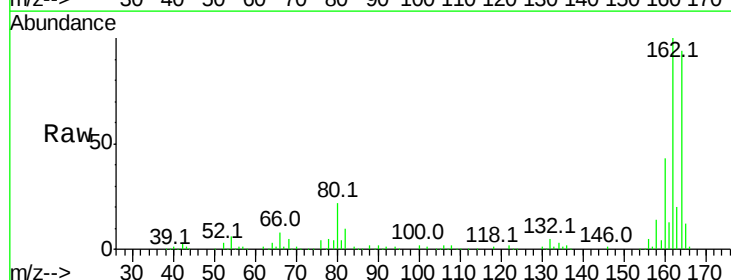


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

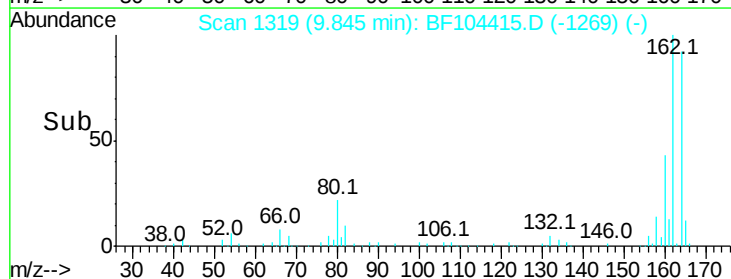
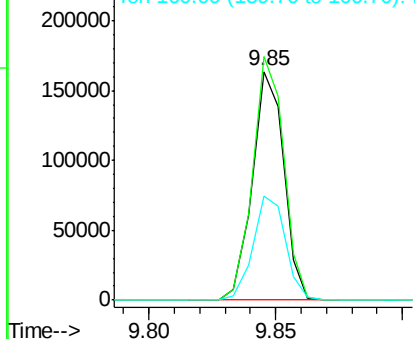


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.4	38.3	57.5



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

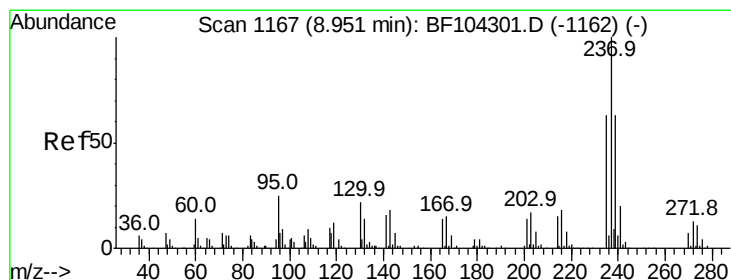
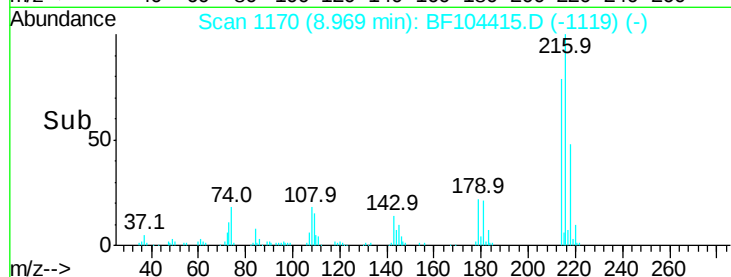
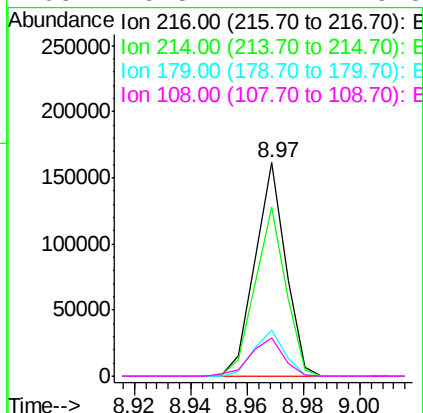
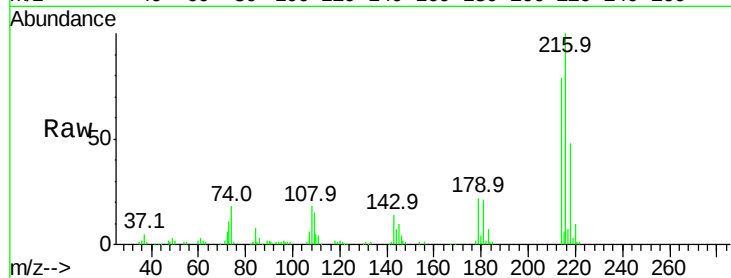




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.052 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

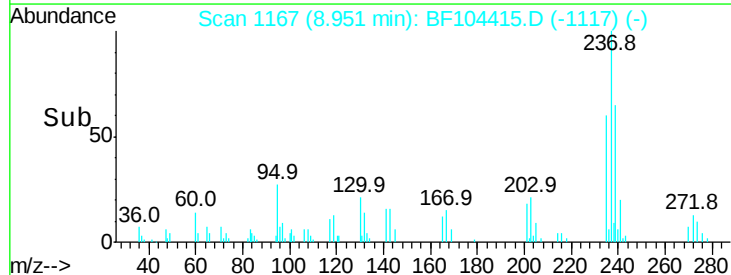
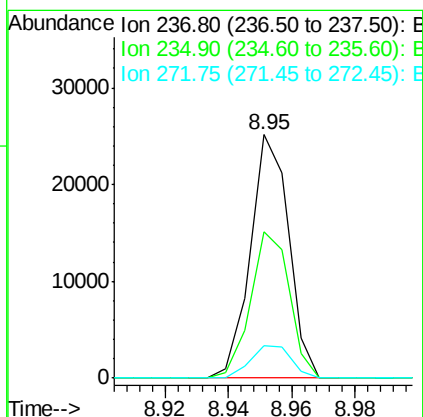
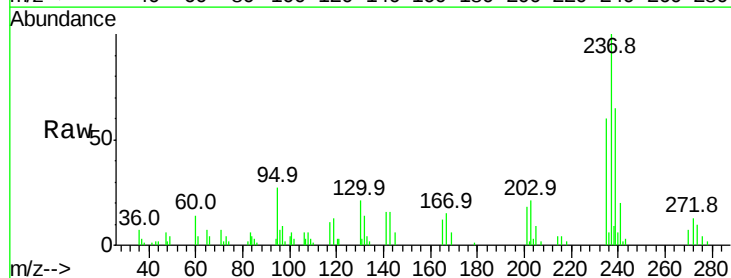
Instrument :
 BNA_F
 ClientSampled :

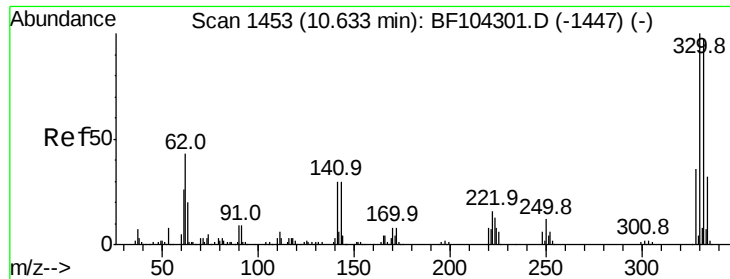
Tot Ion:	216	Resp:	121724
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	21.8	18.1	27.1
108	18.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 9.304 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:	237	Resp:	21098
Ion	Ratio	Lower	Upper
237	100		
235	59.9	44.8	84.8
272	13.2	0.0	33.3

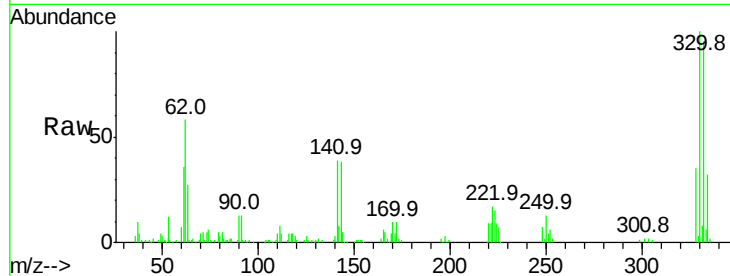




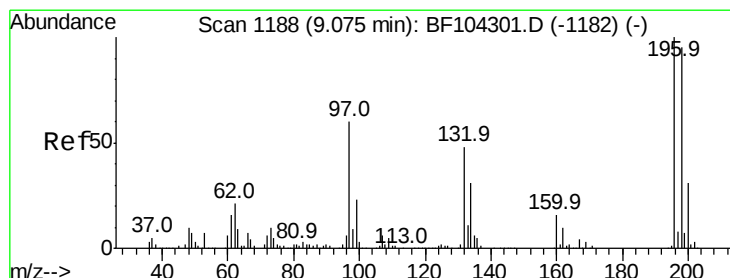
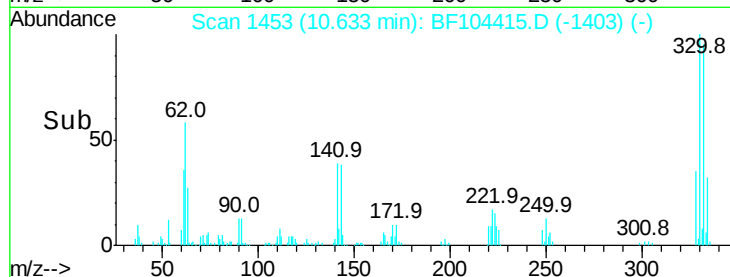
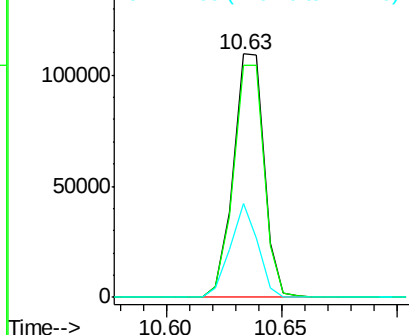
#41
 2,4,6-Tribromophenol
 Concen: 69.597 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.4	29.9	44.9

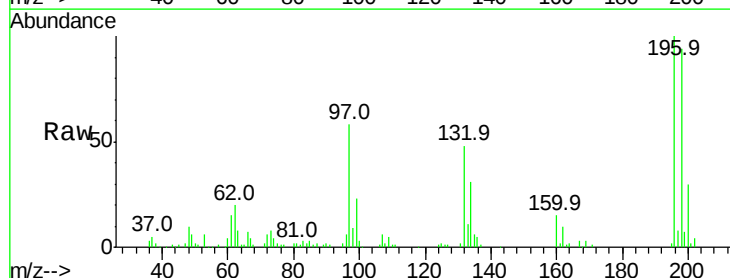


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

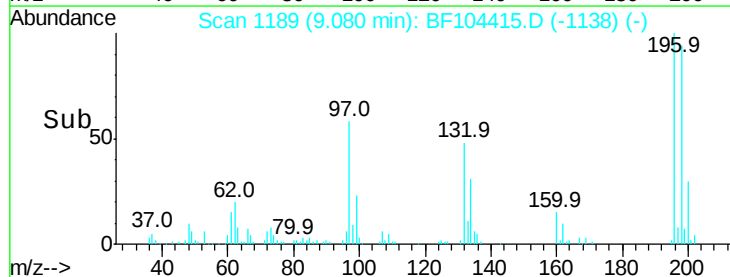
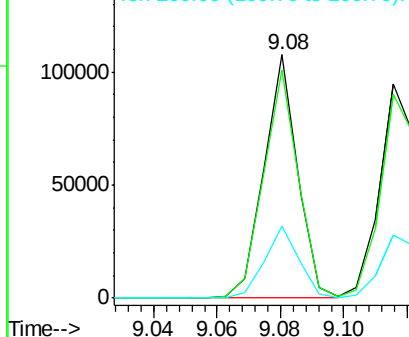


#42
 2,4,6-Trichlorophenol
 Concen: 28.349 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
200	29.9	24.5	36.7



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

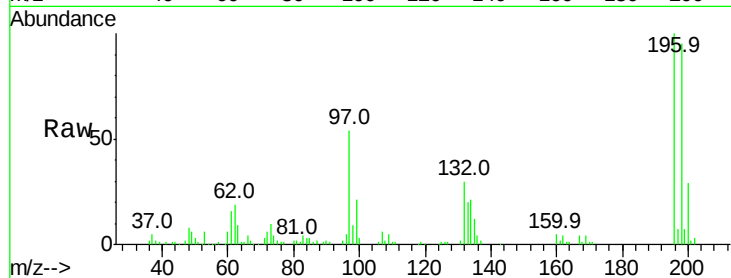




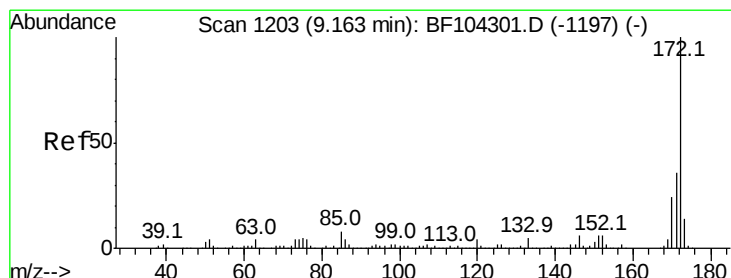
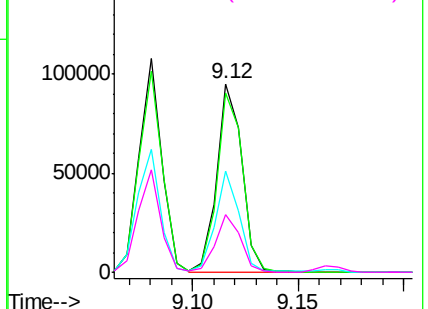
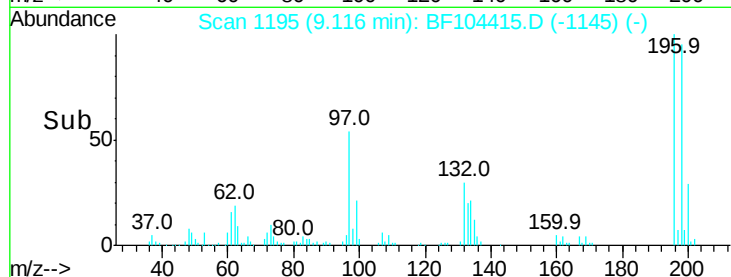
#43
 2,4,5-Trichlorophenol
 Concen: 25.086 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	78933
Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	54.1	42.9	64.3
132	30.3	26.3	39.5

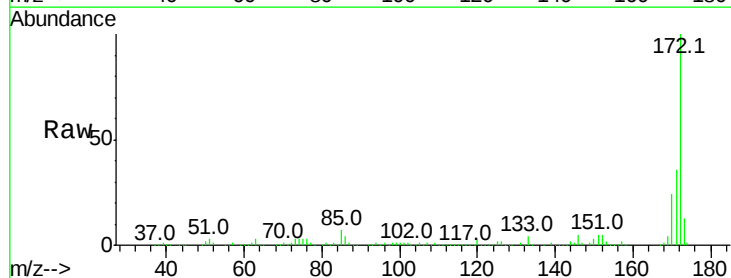


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

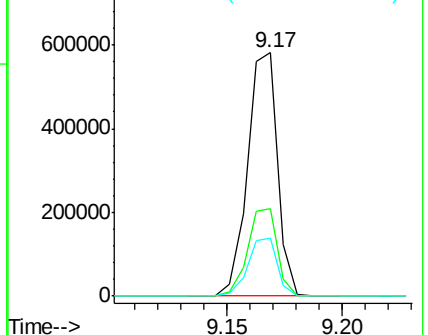
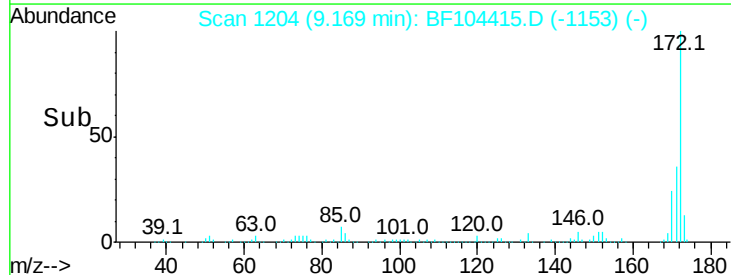


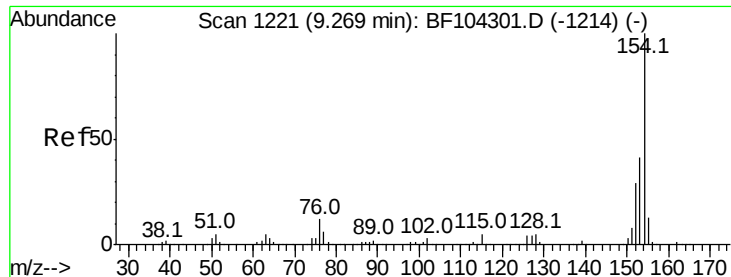
#44
 2-Fluorobiphenyl
 Concen: 58.925 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:	172	Resp:	527794
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	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

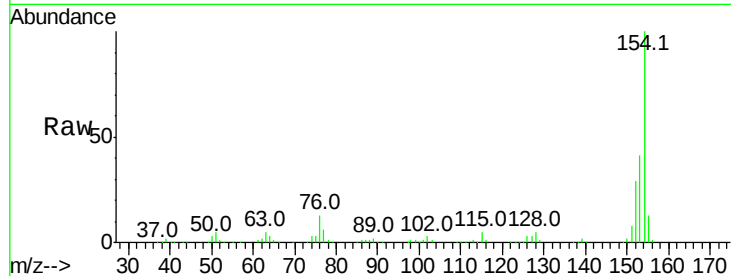




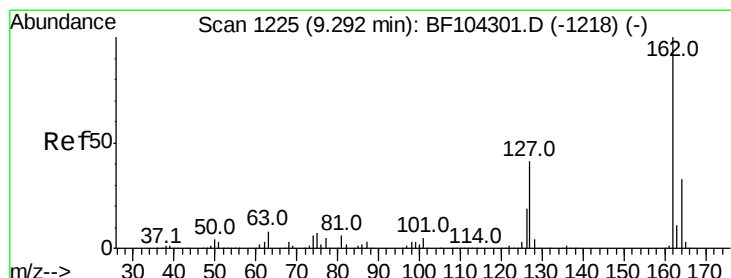
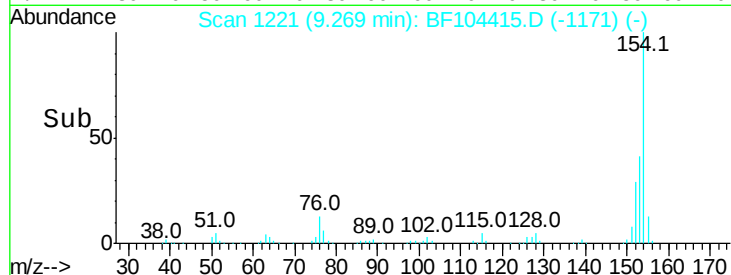
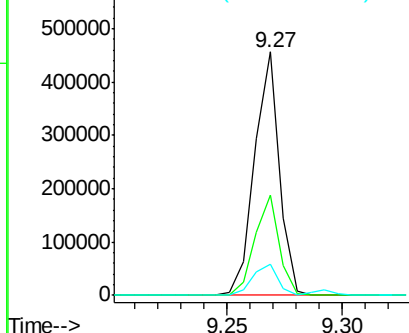
#45
1,1'-Biphenyl
Concen: 28.798 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.9	0.0	34.0

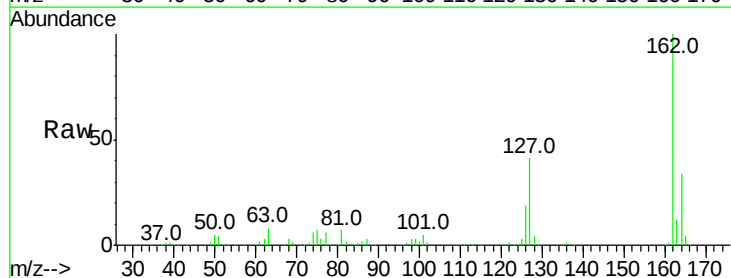


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

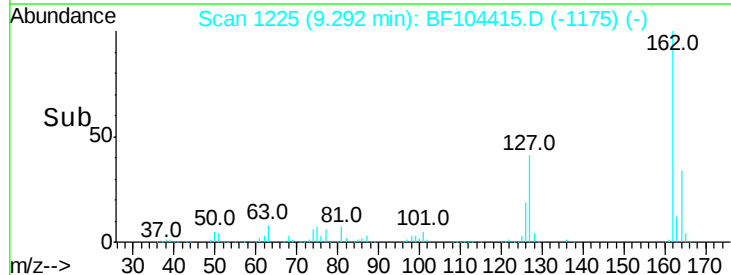
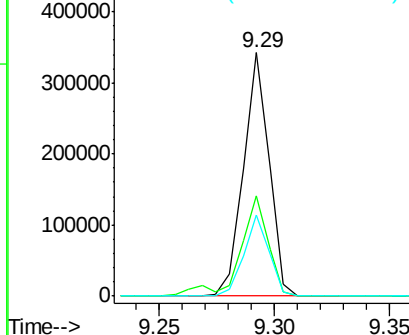


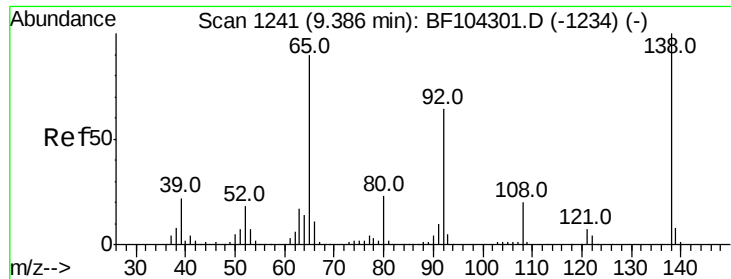
#46
2-Chloronaphthalene
Concen: 28.241 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.5	26.5	39.7



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

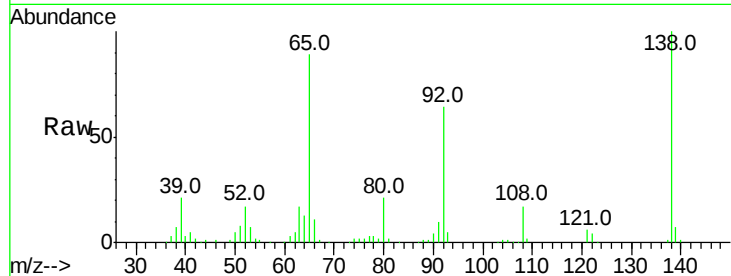




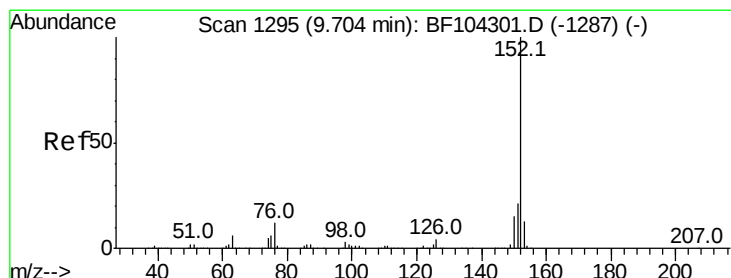
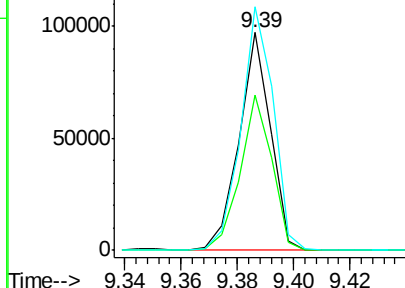
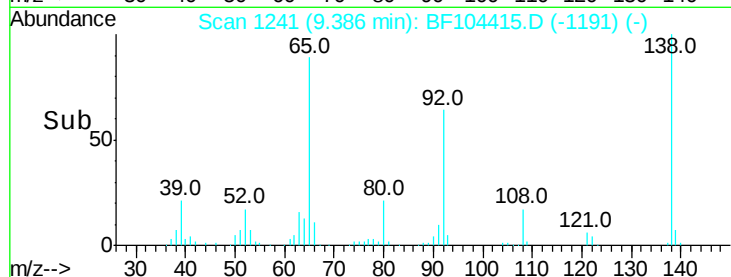
#47
 2-Nitroaniline
 Concen: 32.300 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 74999
 Ion Ratio Lower Upper
 65 100
 92 71.6 55.8 83.6
 138 111.9 91.2 136.8

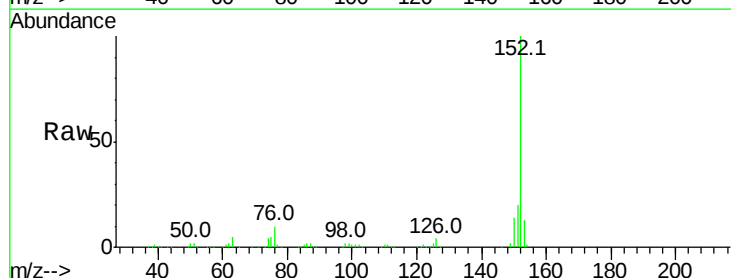


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

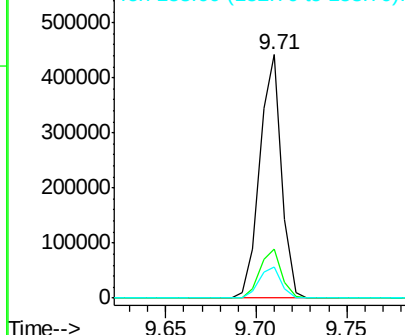
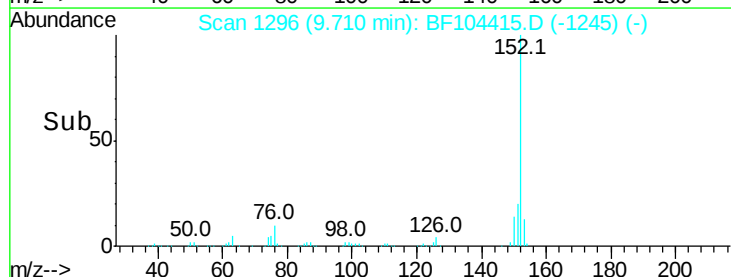


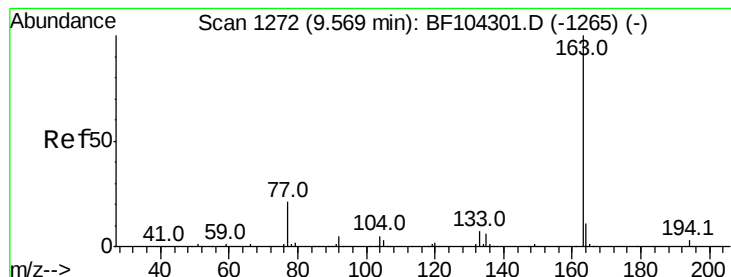
#48
 Acenaphthylene
 Concen: 24.972 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:152 Resp: 367866
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 30.561 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

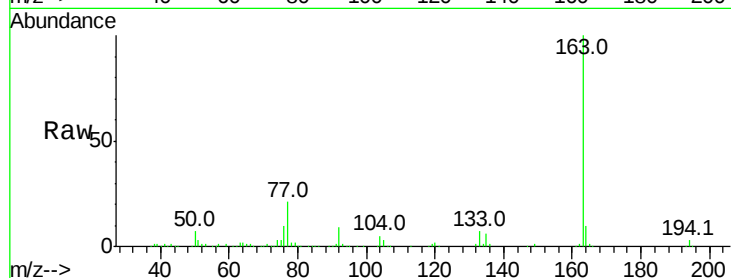
Tot Ion:163 Resp: 341012

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

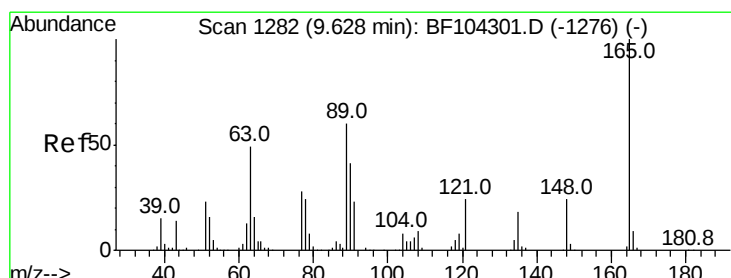
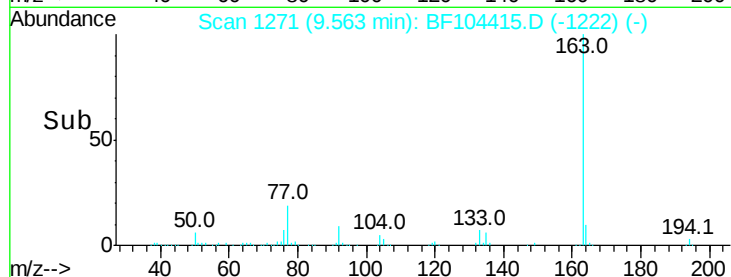
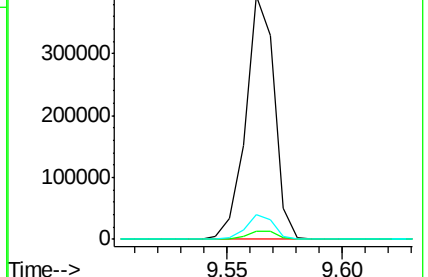
164 10.2 8.2 12.2



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: 27.876 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

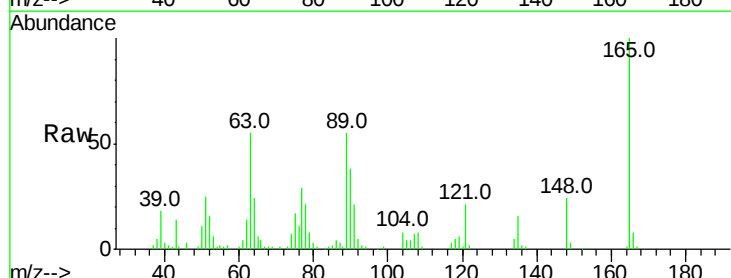
Tgt Ion:165 Resp: 57555

Ion Ratio Lower Upper

165 100

63 55.2 44.7 67.1

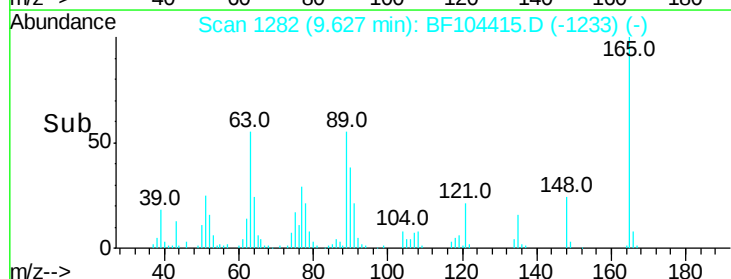
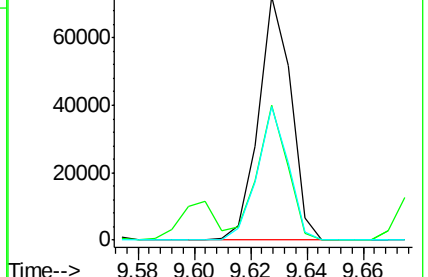
89 55.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 24.241 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

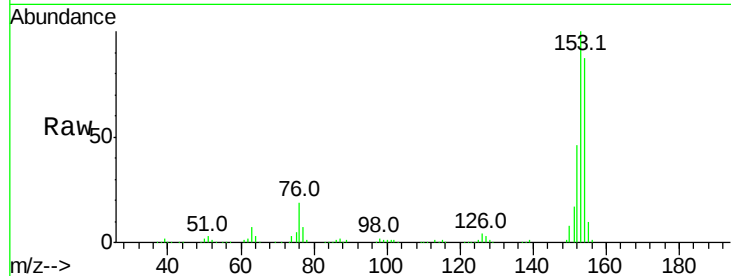
Tot Ion:154 Resp: 217878

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

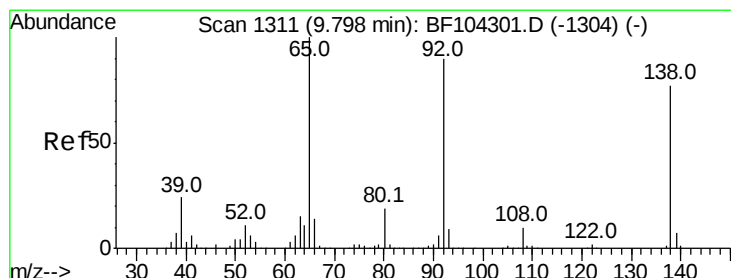
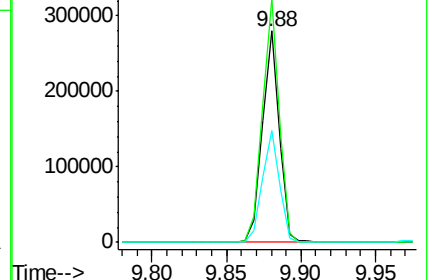
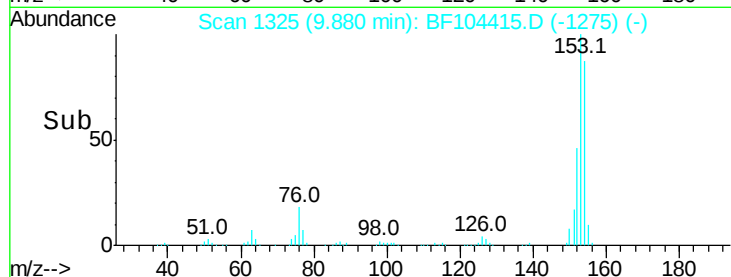
152 53.1 43.8 65.8



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: 24.656 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

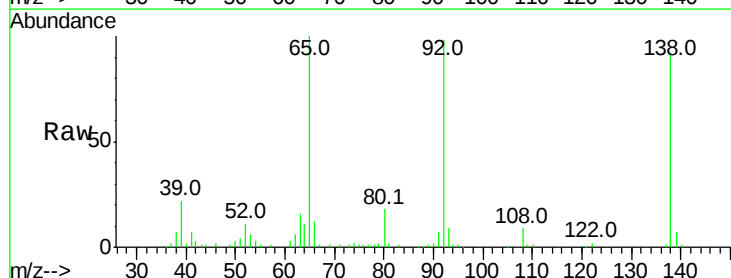
Tgt Ion:138 Resp: 59597

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

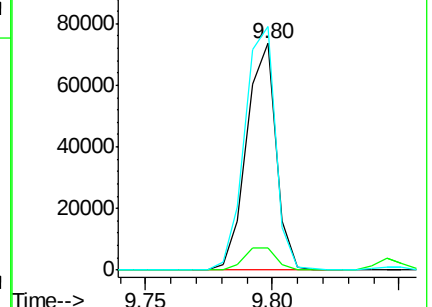
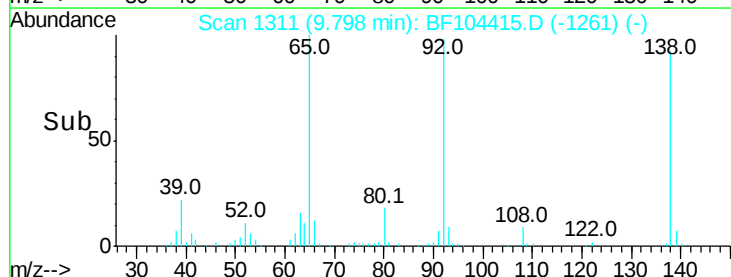
92 107.4 89.4 134.2

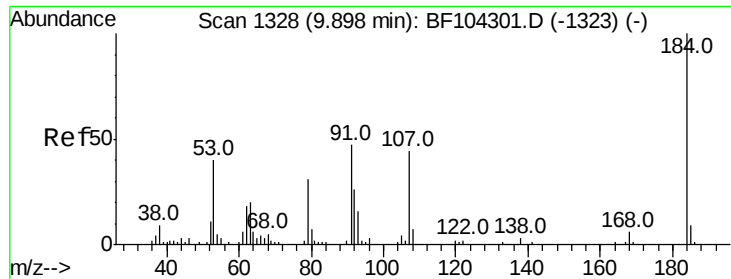


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

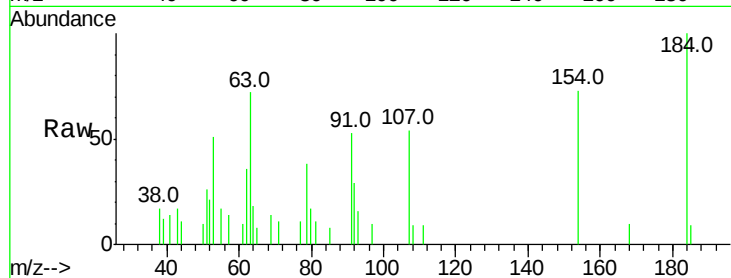




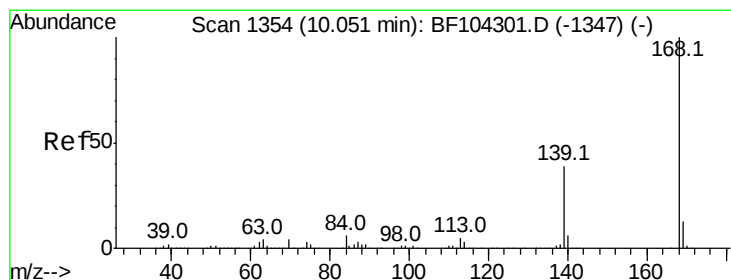
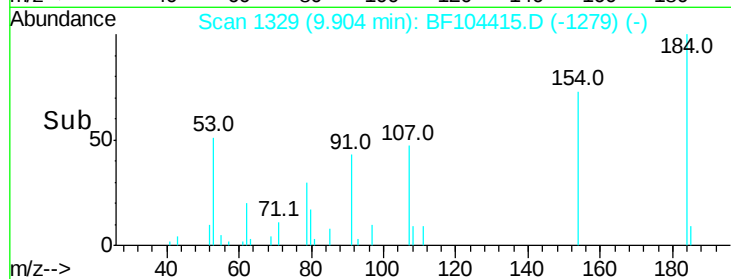
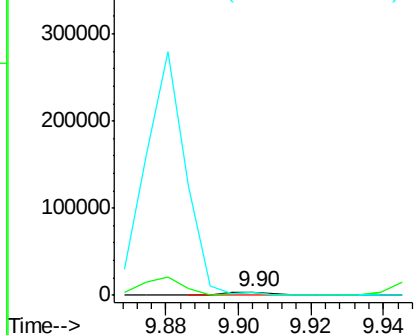
#53
 2,4-Dinitrophenol
 Concen: 10.920 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 3397
 Ion Ratio Lower Upper
 184 100
 63 72.0 54.2 81.2
 154 72.9 184.0 276.0#

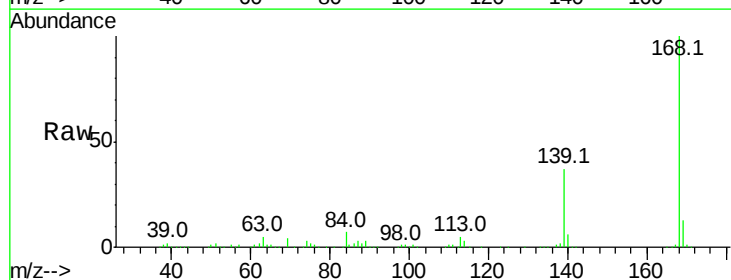


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

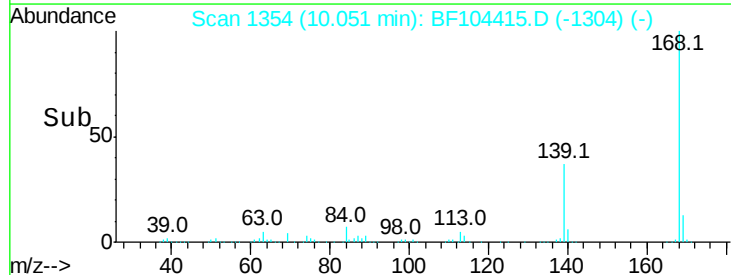
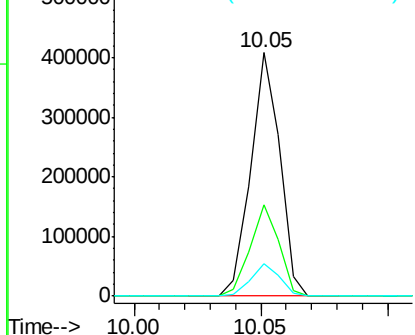


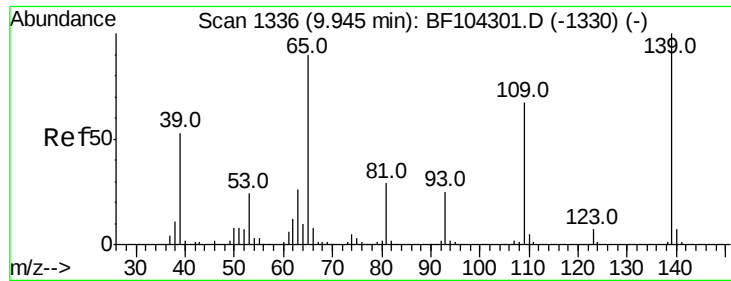
#54
 Dibenzofuran
 Concen: 26.132 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:168 Resp: 327319
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 13.2 10.9 16.3



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

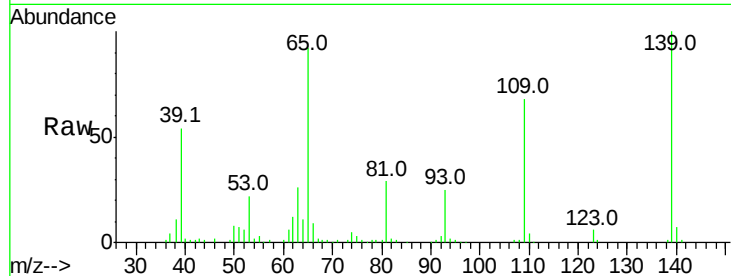




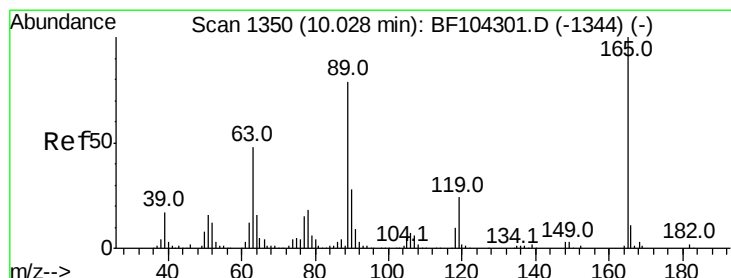
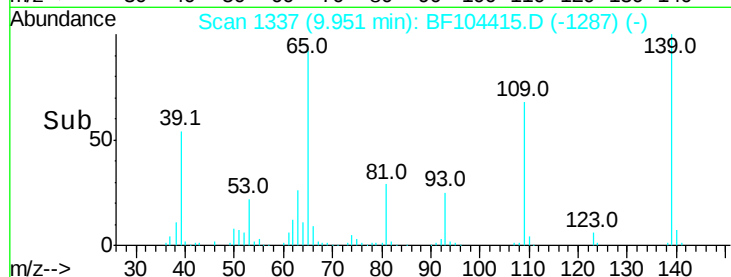
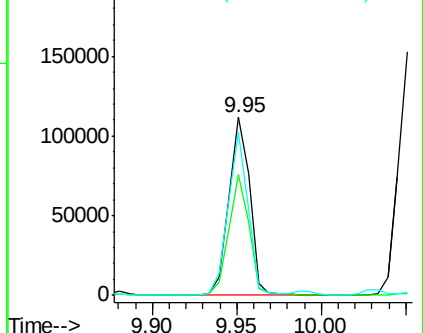
#55
4-Nitrophenol
Concen: 50.216 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 95347
Ion Ratio Lower Upper
139 100
109 68.0 48.4 88.4
65 91.7 72.6 112.6

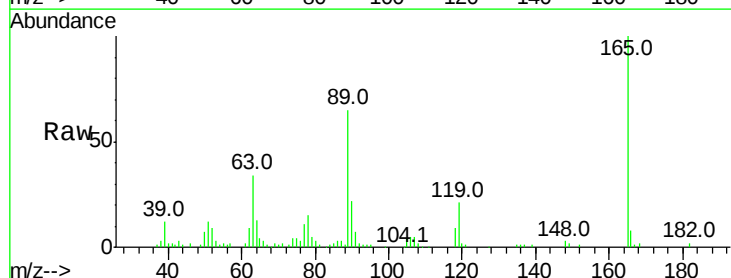


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

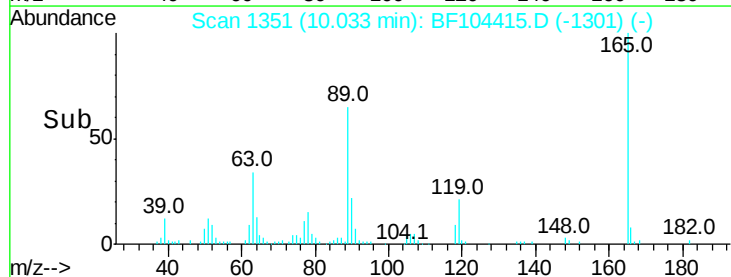
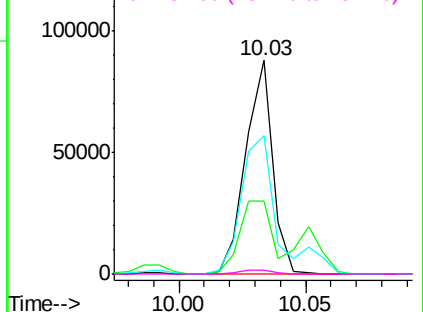


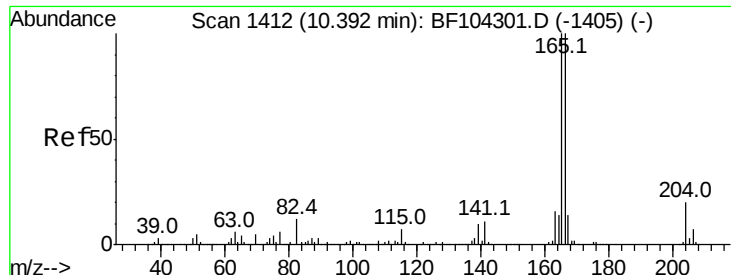
#56
2,4-Dinitrotoluene
Concen: 23.997 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:165 Resp: 64992
Ion Ratio Lower Upper
165 100
63 34.3 36.4 54.6#
89 64.7 57.8 86.6
182 2.0 1.6 2.4



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

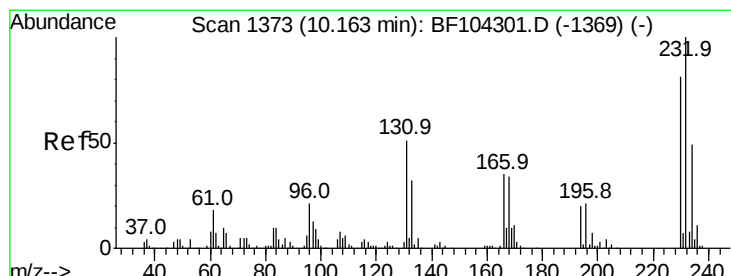
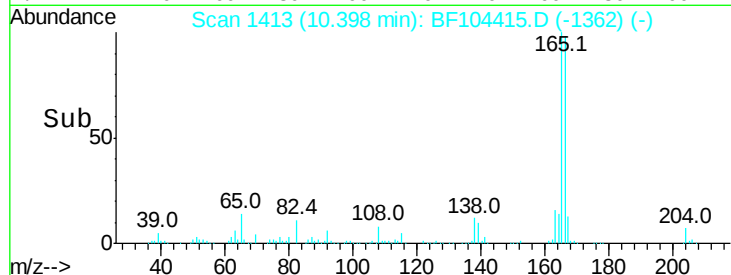
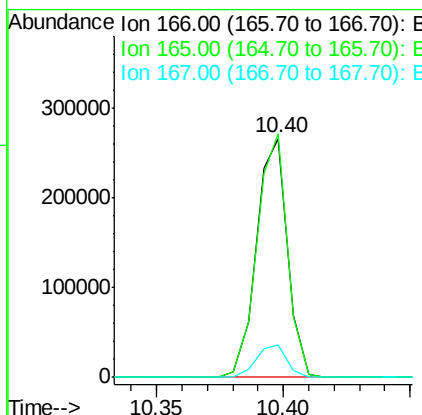
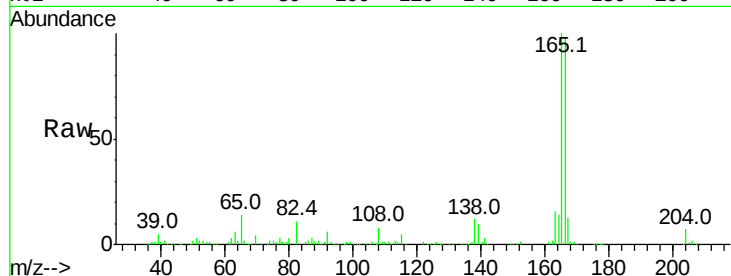




#57
 Fluorene
 Concen: 24.819 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

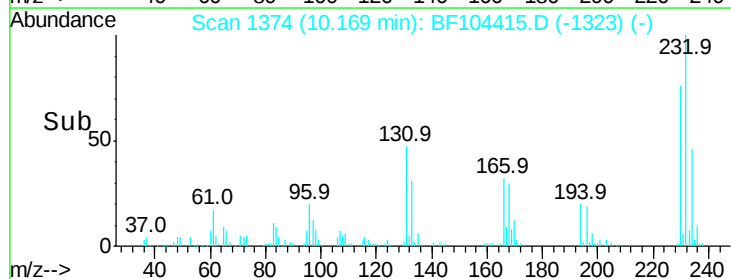
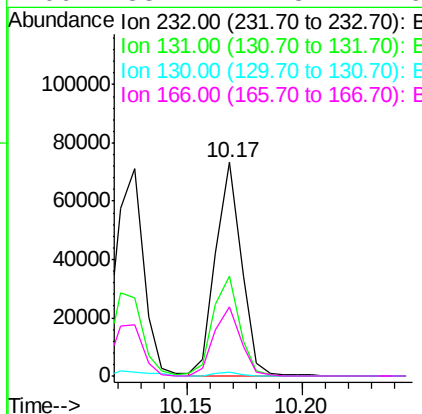
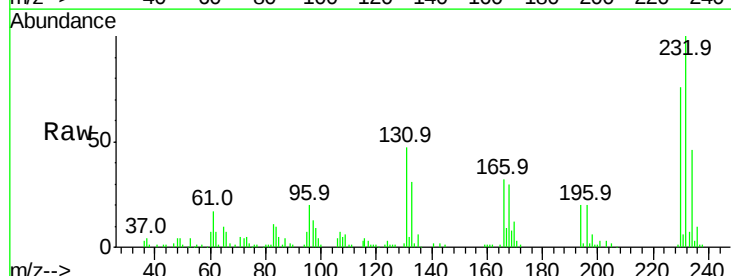
Instrument :
 BNA_F
 ClientSampleId :

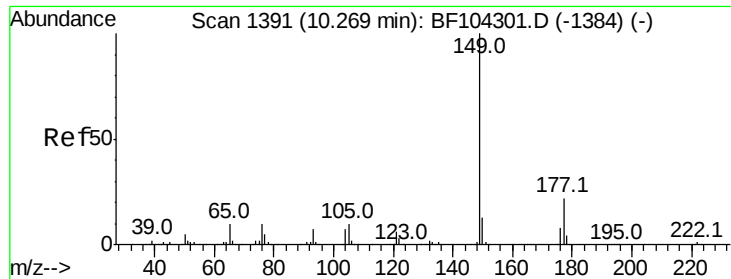
Tot Ion:166 Resp: 226281
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.447 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:232 Resp: 57387
 Ion Ratio Lower Upper
 232 100
 131 47.9 43.8 65.8
 130 1.9 2.1 3.1#
 166 33.1 27.8 41.6

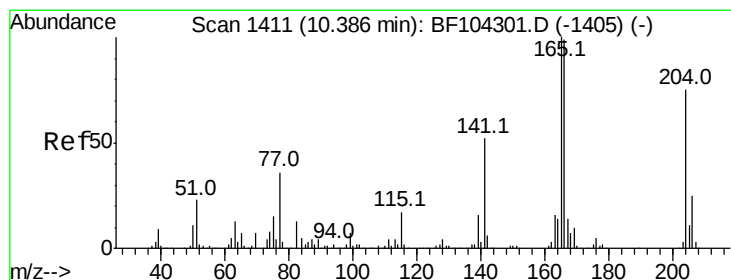
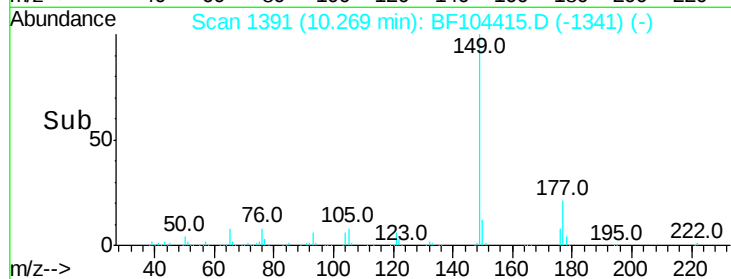
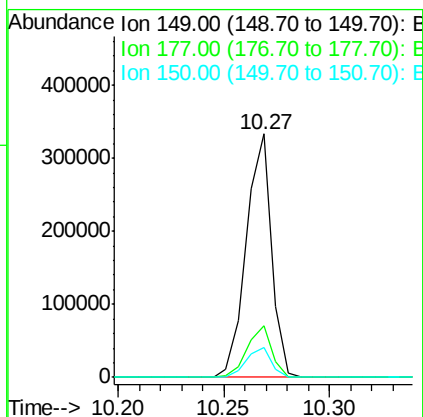
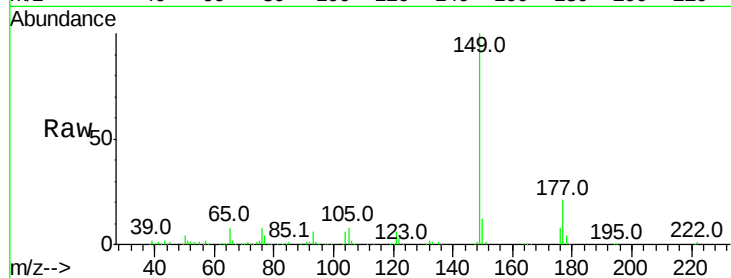




#59
Diethylphthalate
Concen: 24.907 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

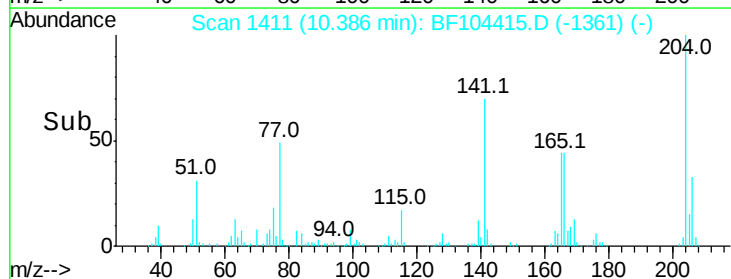
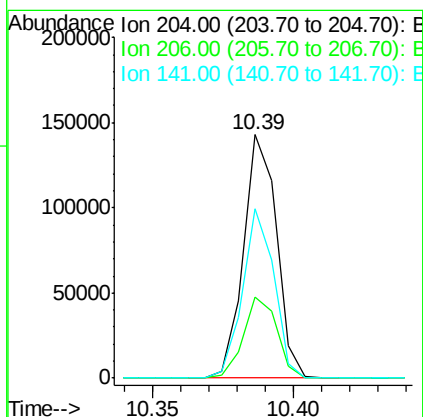
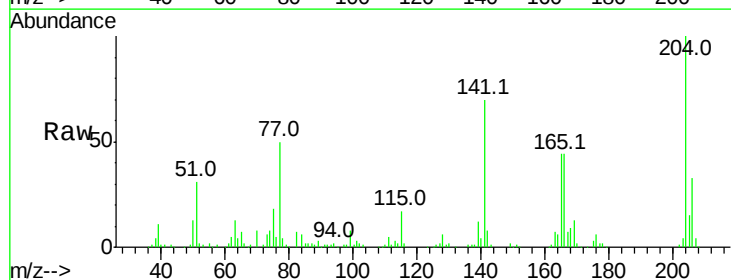
Instrument :
BNA_F
ClientSampleId :

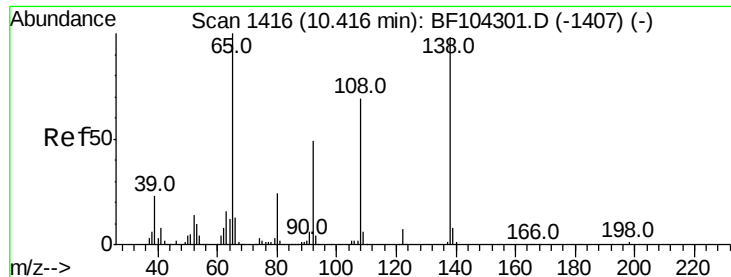
Tot Ion:149 Resp: 276788
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 28.604 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:204 Resp: 116139
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.8 54.6 81.8





#61

4-Nitroaniline

Concen: 24.371 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

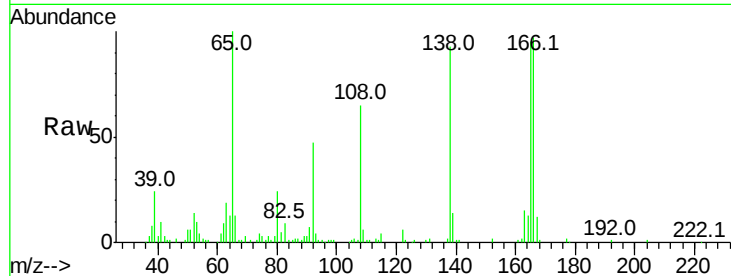
Tot Ion:138 Resp: 57600

Ion Ratio Lower Upper

138 100

92 50.7 30.2 70.2

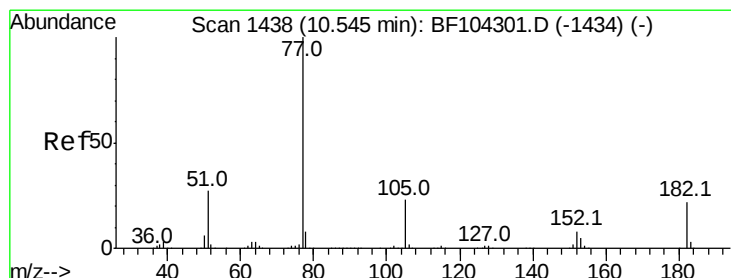
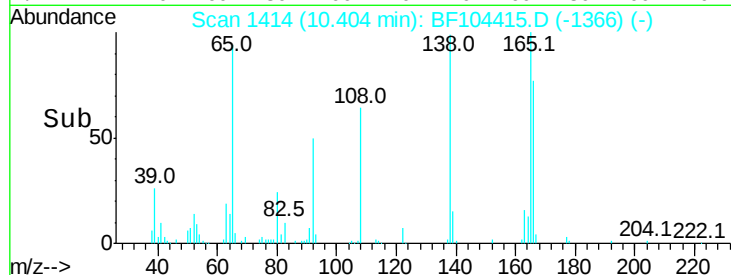
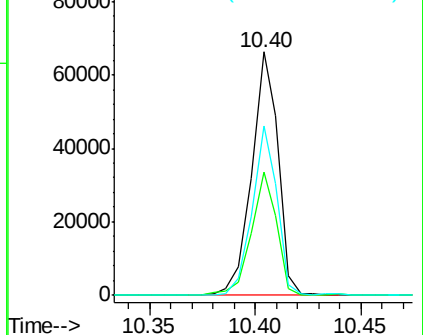
108 69.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.312 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Tgt Ion: 77 Resp: 247502

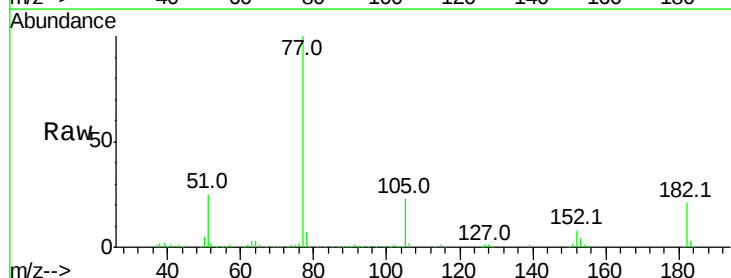
Ion Ratio Lower Upper

77 100

182 21.1 1.7 41.7

105 22.8 3.0 43.0

51 25.5 9.9 49.9

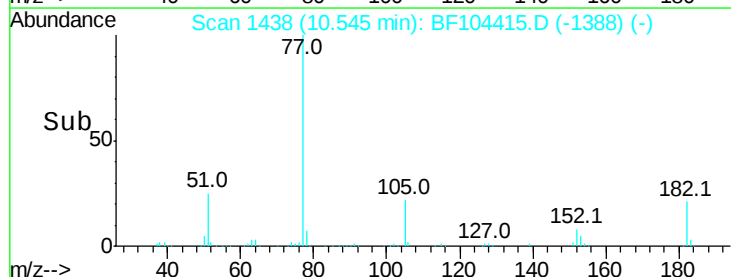
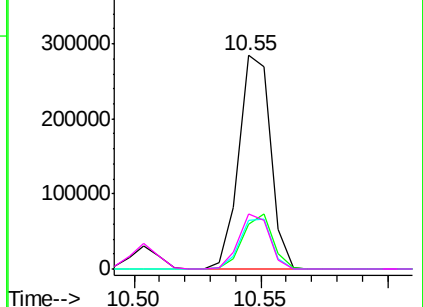


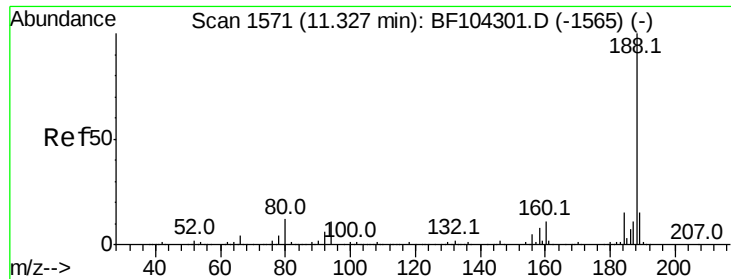
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

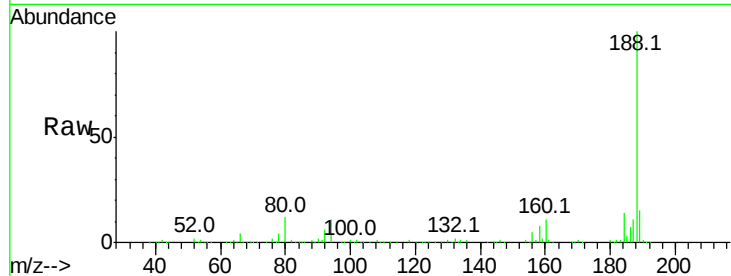




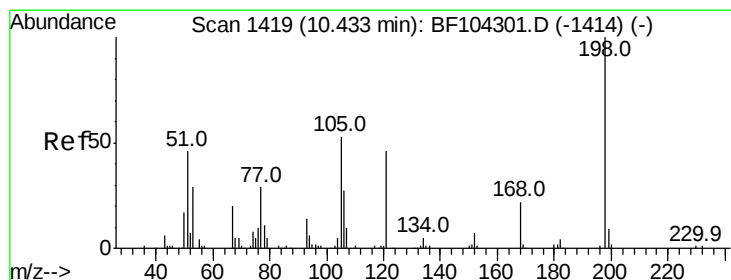
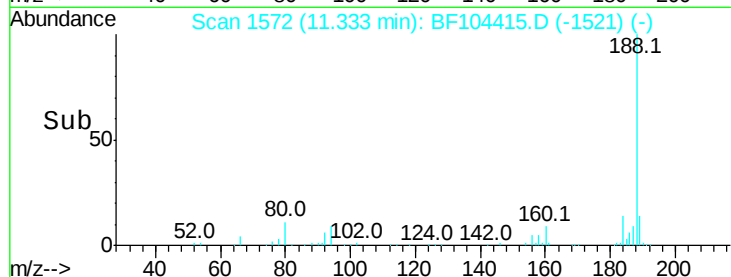
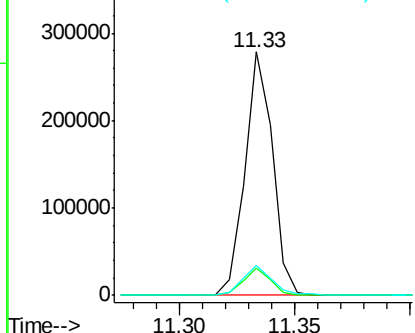
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 232141
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8

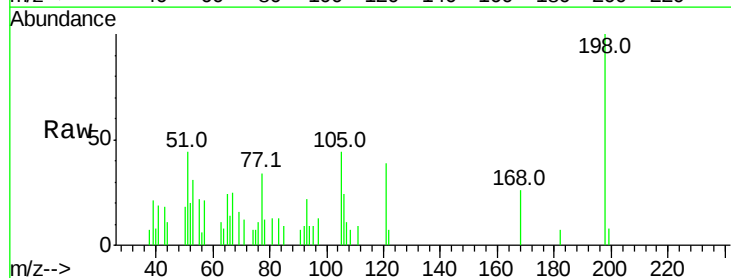


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

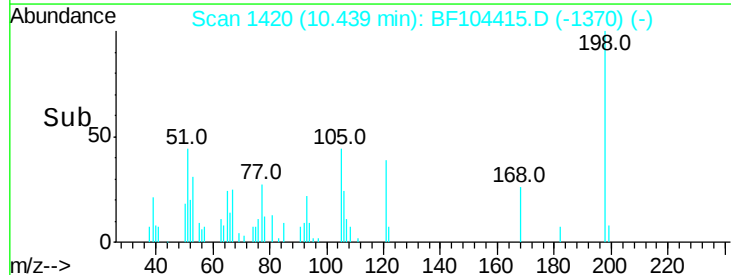
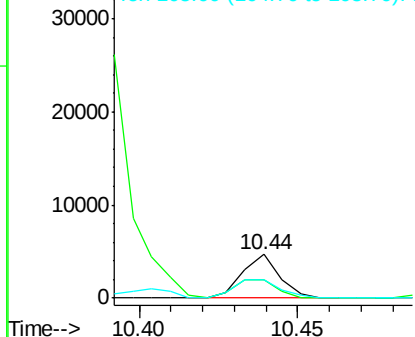


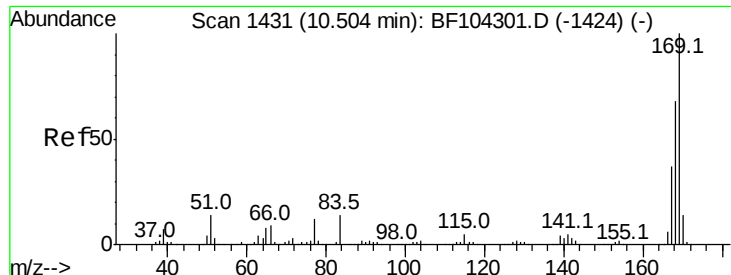
#64
4,6-Dinitro-2-methylphenol
Concen: 10.167 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:198 Resp: 3765
Ion Ratio Lower Upper
198 100
51 43.6 37.7 77.7
105 43.6 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

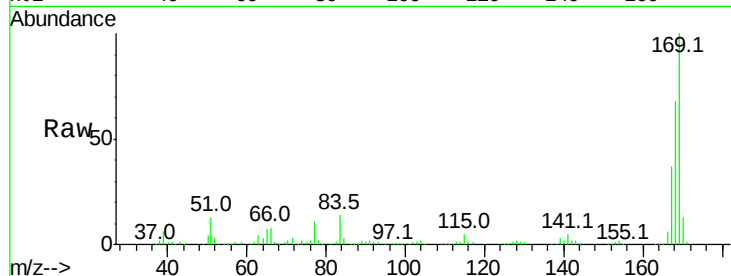




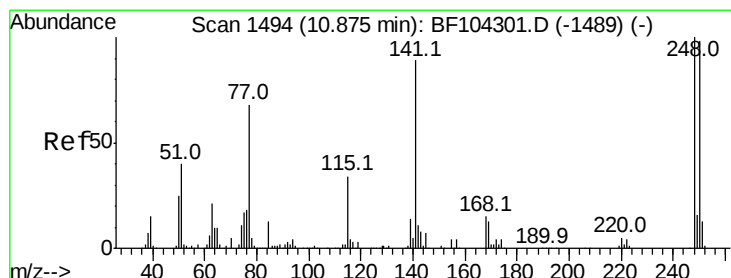
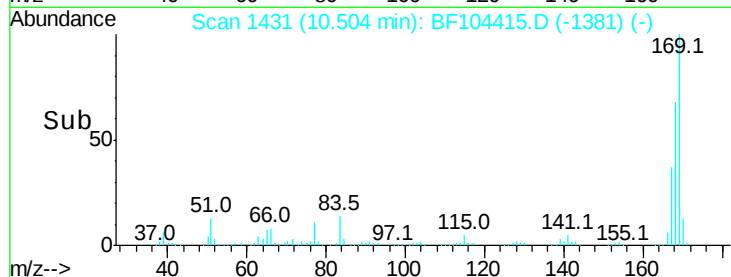
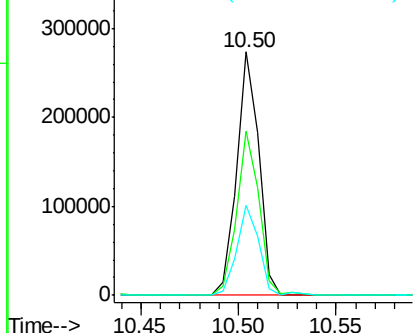
#65
 n-Nitrosodiphenylamine
 Concen: 26.758 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 215374
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.1 29.8 44.6

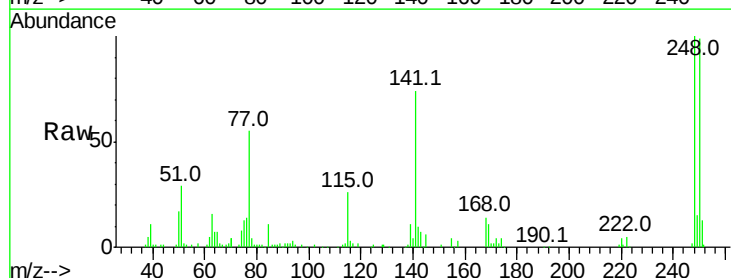


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

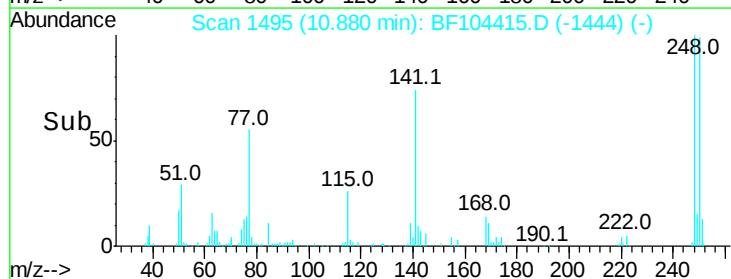
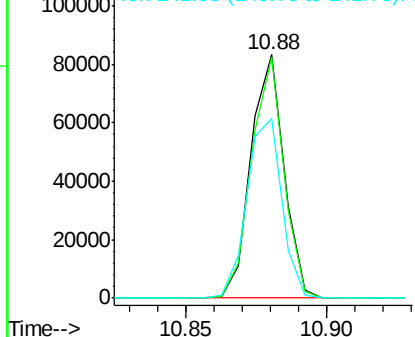


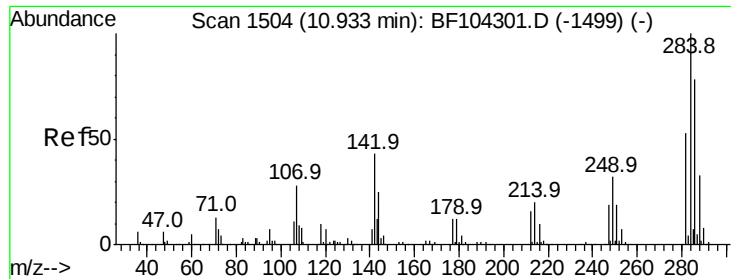
#66
 4-Bromophenyl-phenylether
 Concen: 27.364 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:248 Resp: 67568
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.9 115.3
 141 73.8 74.4 111.6#



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

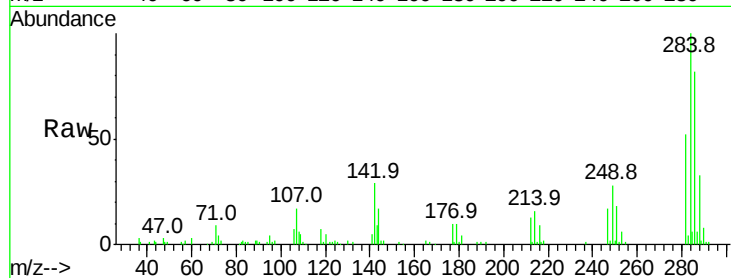




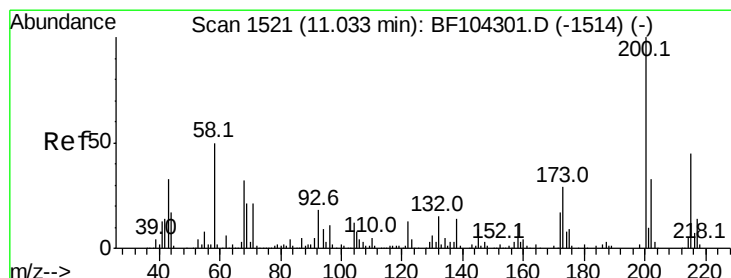
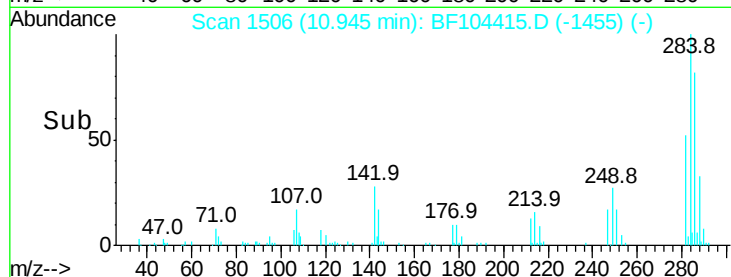
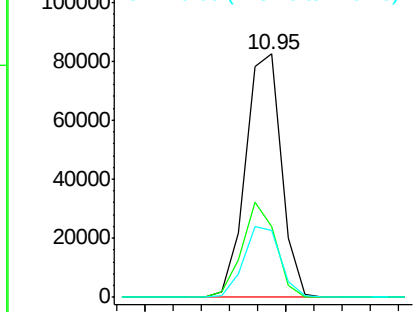
#67
Hexachlorobenzene
Concen: 26.142 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 72632
Ion Ratio Lower Upper
284 100
142 28.9 34.6 52.0#
249 27.7 24.8 37.2

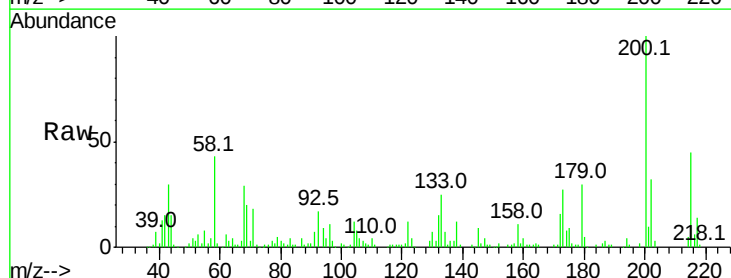


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

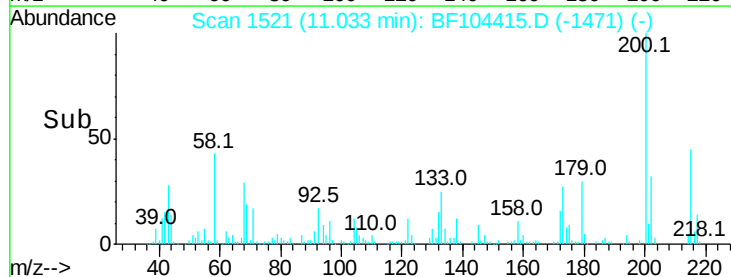
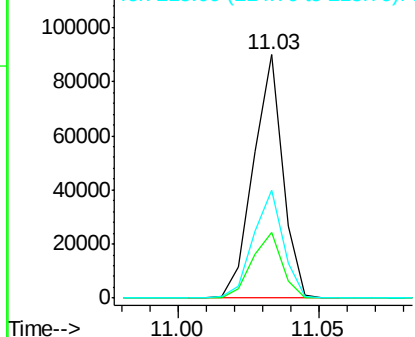


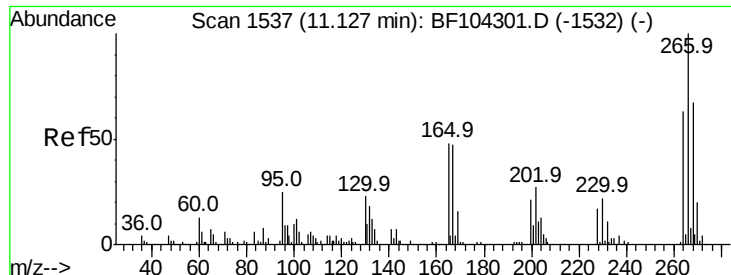
#68
Atrazine
Concen: 26.740 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:200 Resp: 64965
Ion Ratio Lower Upper
200 100
173 26.9 8.6 48.6
215 44.5 25.1 65.1



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

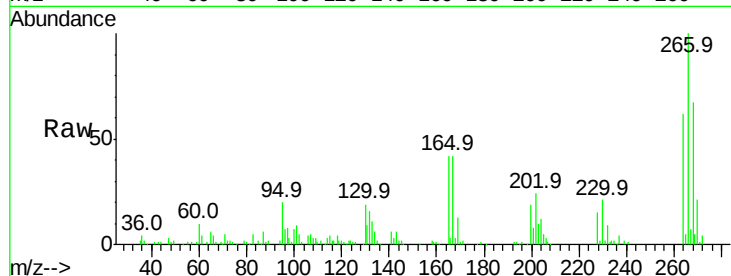




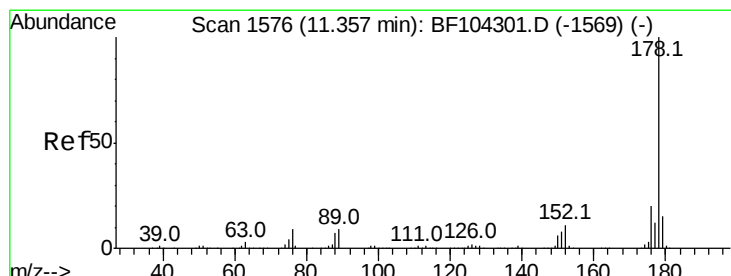
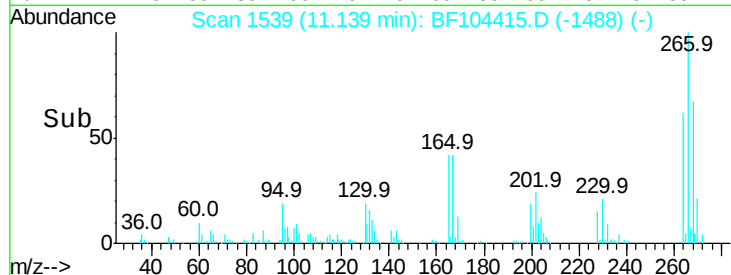
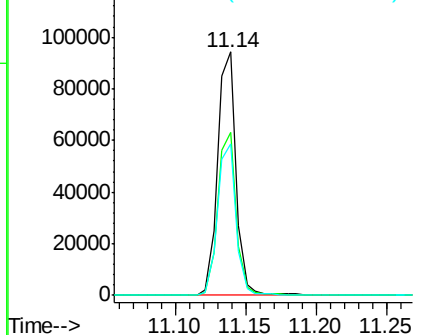
#69
 Pentachlorophenol
 Concen: 49.901 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85773
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.0 49.5 74.3

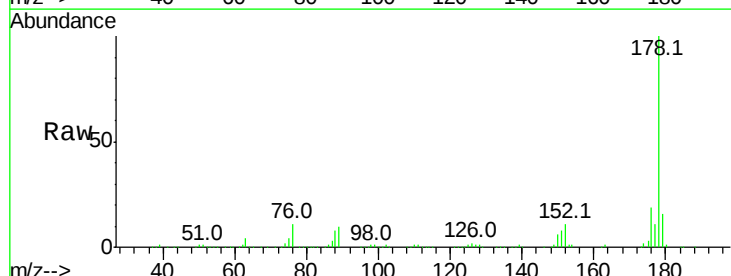


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

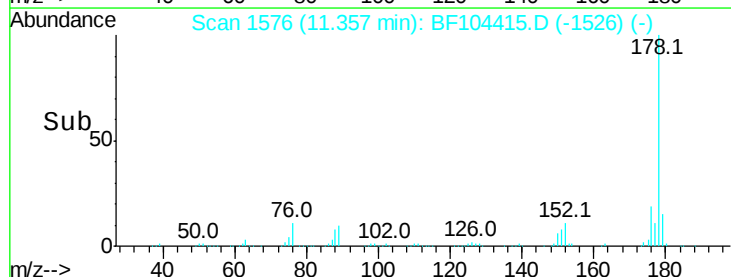
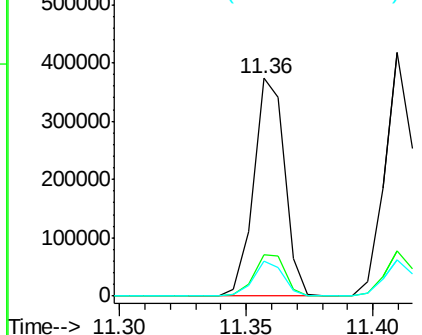


#70
 Phenanthrene
 Concen: 24.750 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:178 Resp: 319959
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.9 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

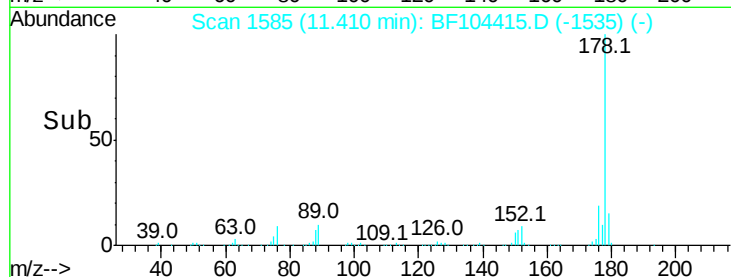
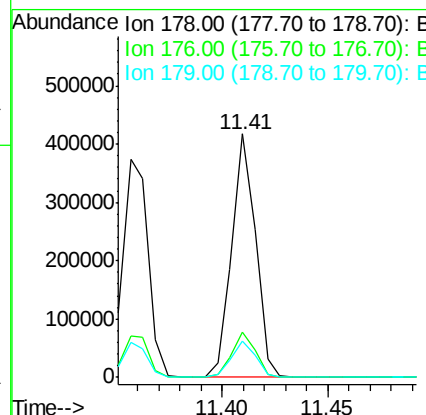
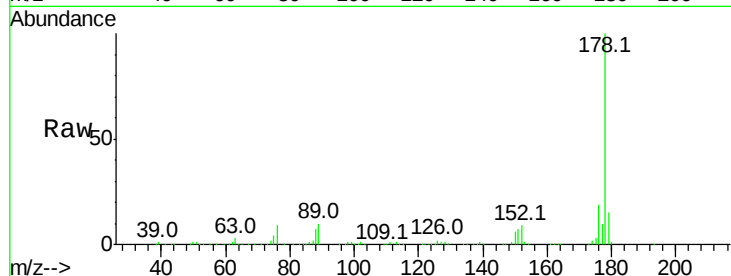




#71
 Anthracene
 Concen: 24.650 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

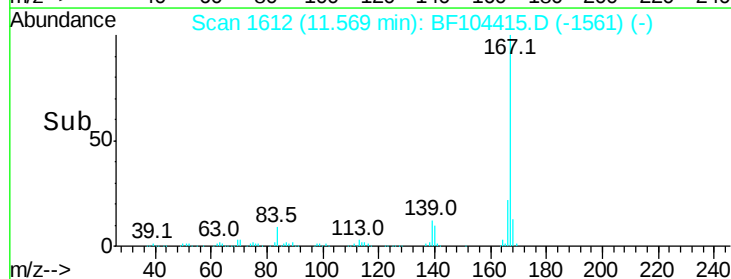
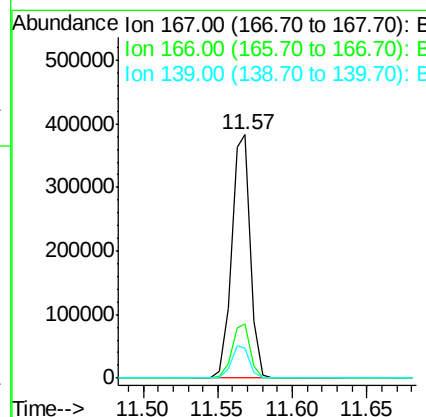
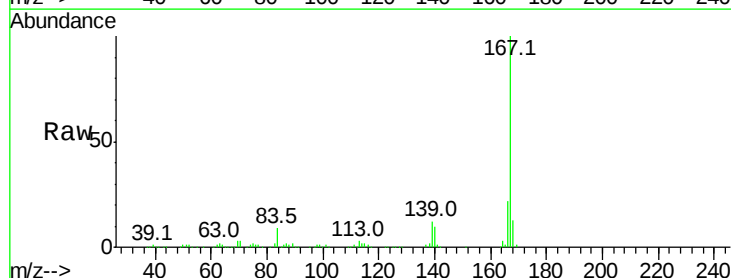
Instrument :
 BNA_F
 ClientSampleId :

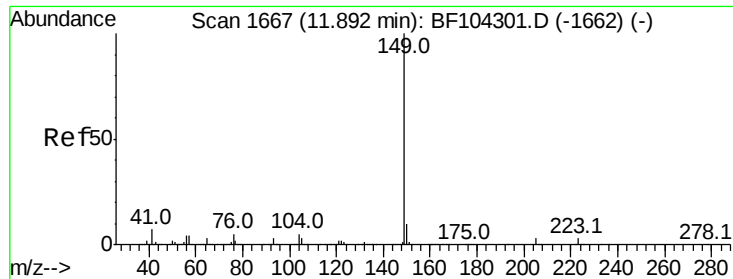
Tot Ion:178 Resp: 323938
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 26.530 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion:167 Resp: 340685
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.4 10.9 16.3

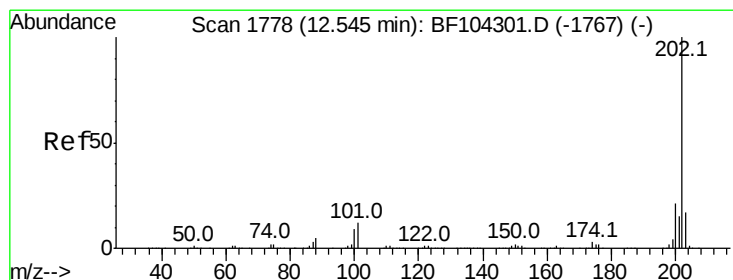
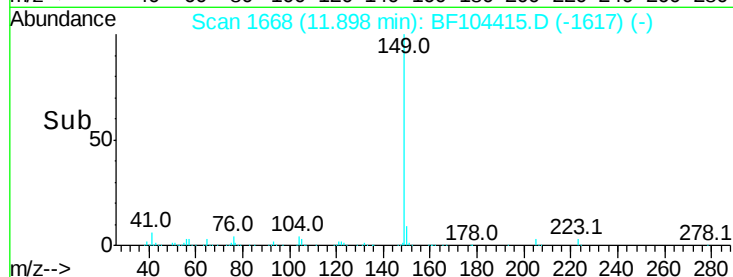
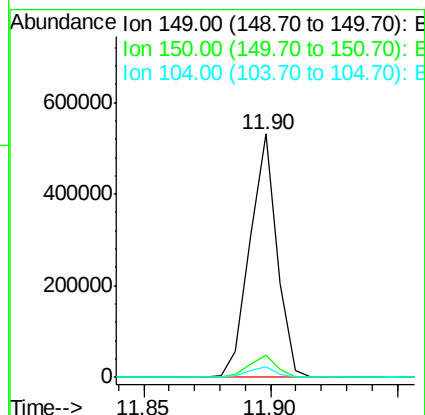
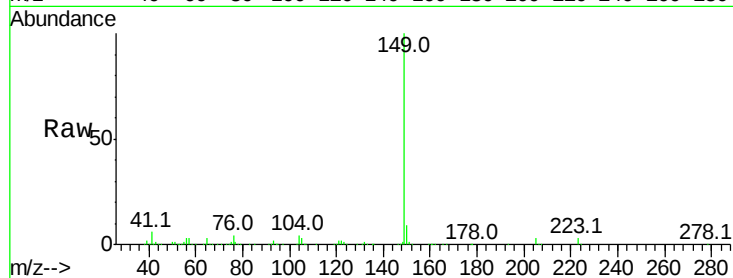




#73
Di-n-butylphthalate
Concen: 25.200 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

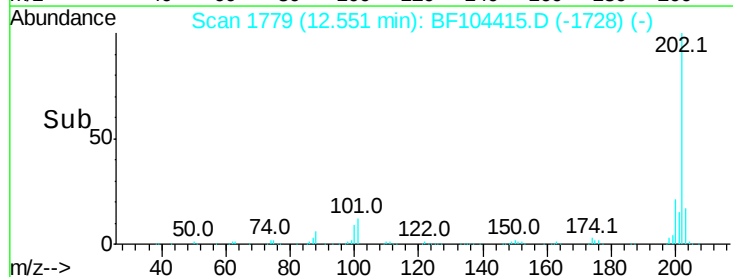
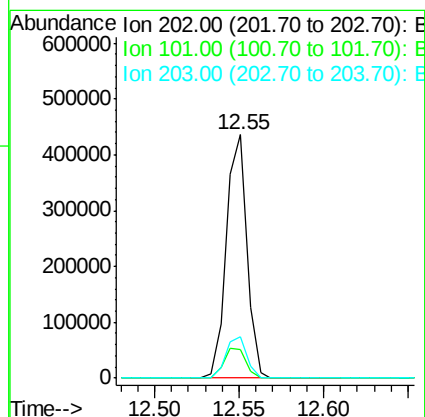
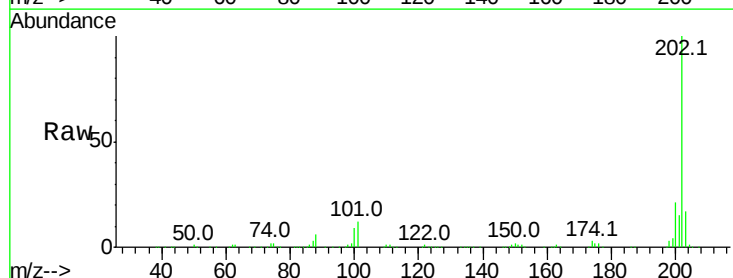
Instrument :
BNA_F
ClientSampleId :

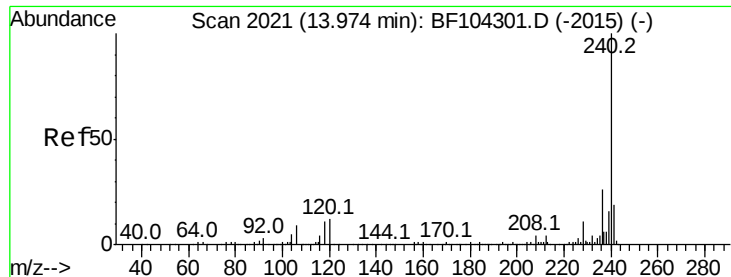
Tot Ion:149 Resp: 395290
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 27.359 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion:202 Resp: 369544
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

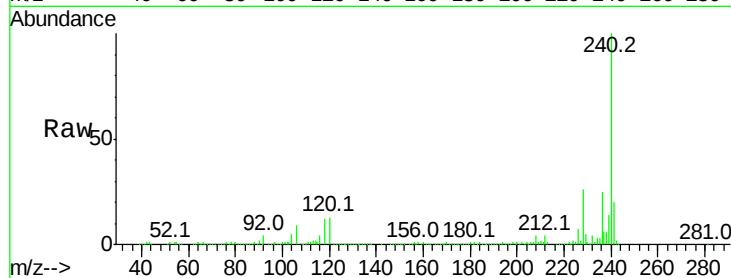
Tot Ion:240 Resp: 243099

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

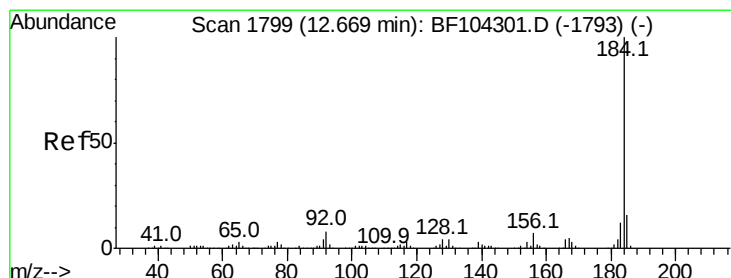
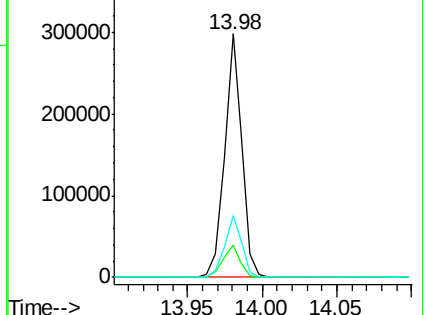
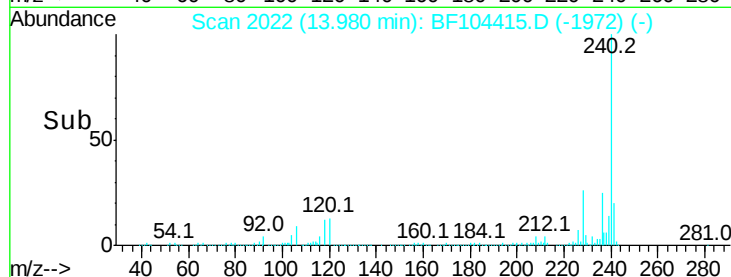
236 25.3 20.7 31.1



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: 58.114 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

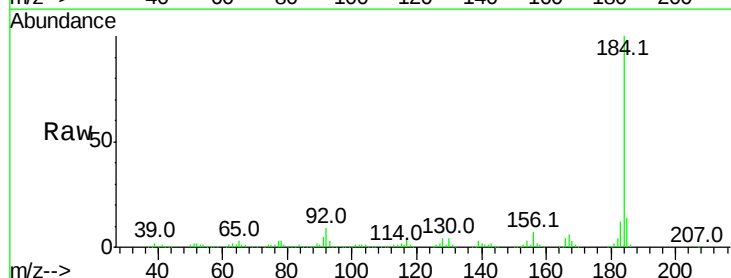
Tgt Ion:184 Resp: 424329

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

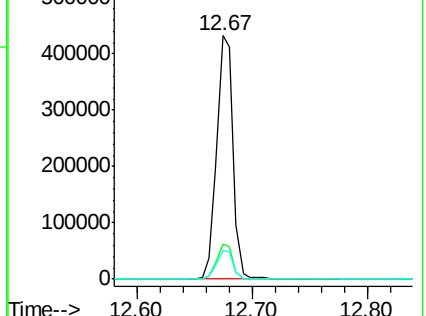
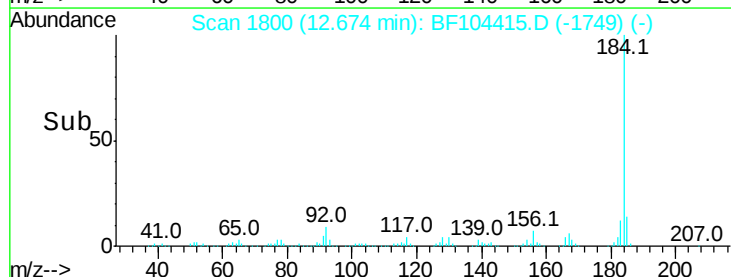
183 12.0 9.3 13.9

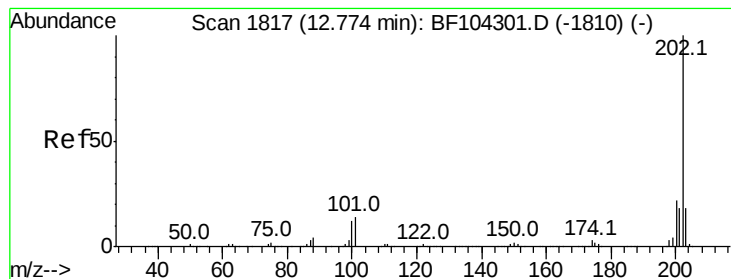


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 21.994 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

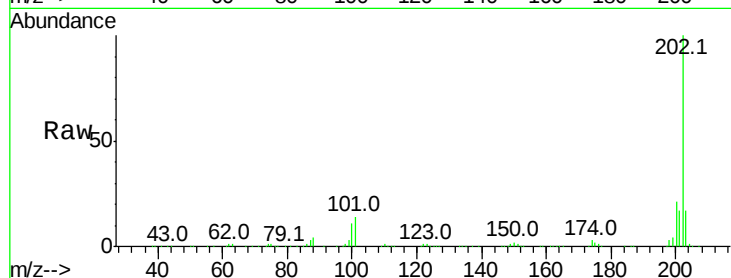
Tot Ion:202 Resp: 396309

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

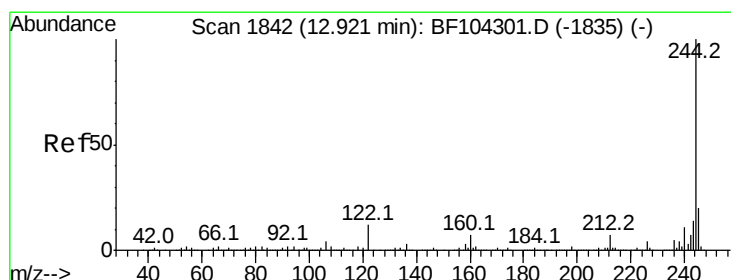
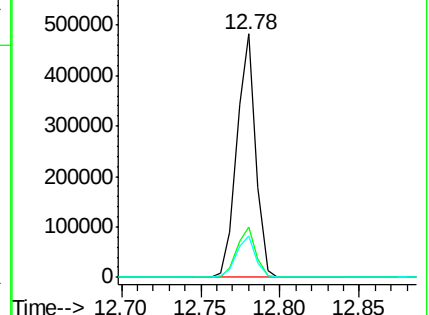
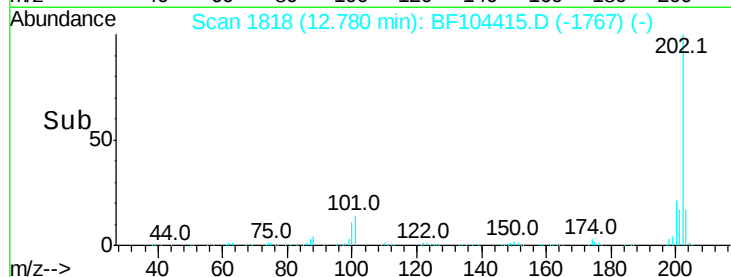
203 16.9 14.3 21.5



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: 46.861 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

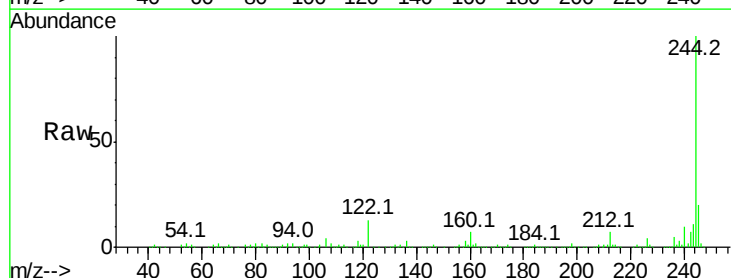
Tgt Ion:244 Resp: 499683

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

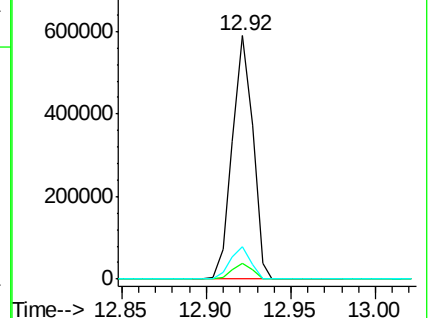
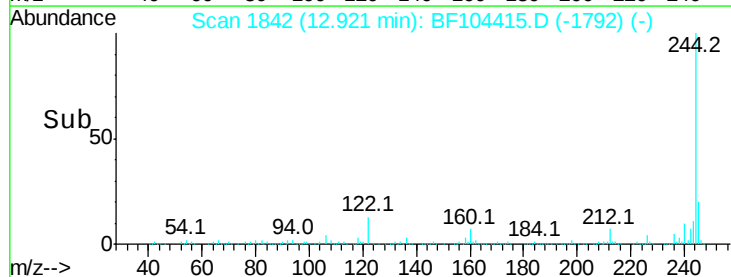
122 13.2 11.0 16.4

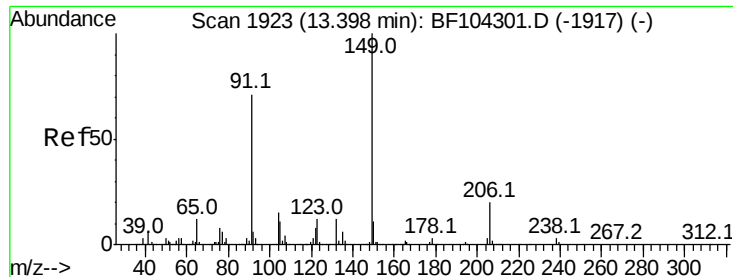


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

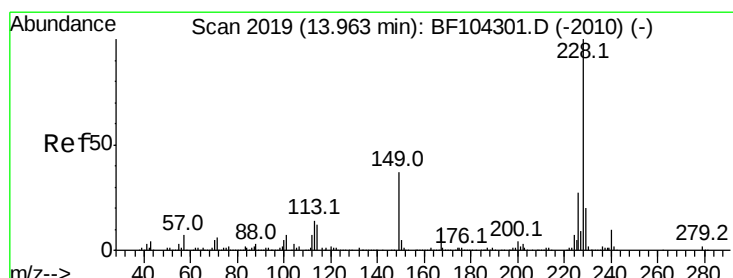
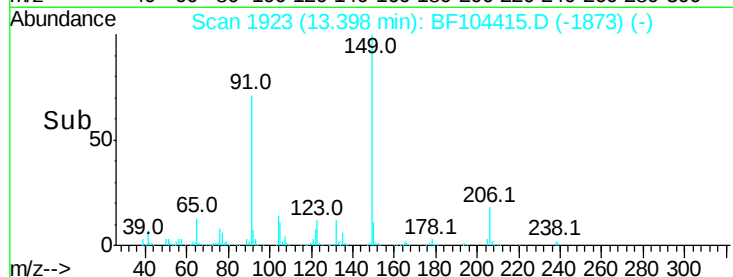
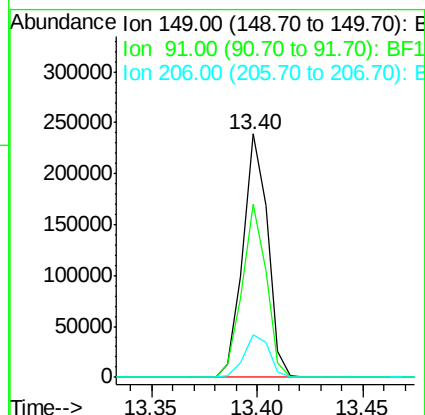
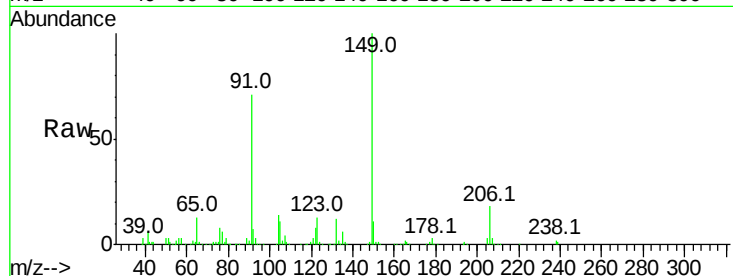




#79
Butylbenzylphthalate
Concen: 22.775 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

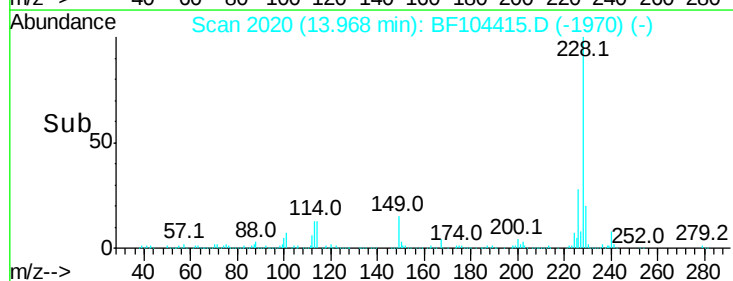
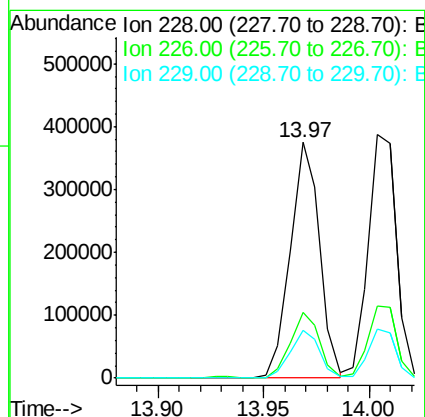
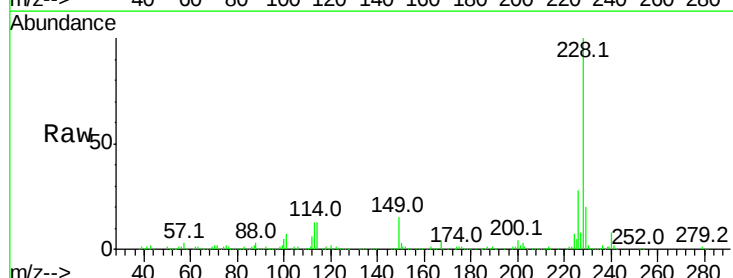
Instrument :
BNA_F
ClientSampleId :

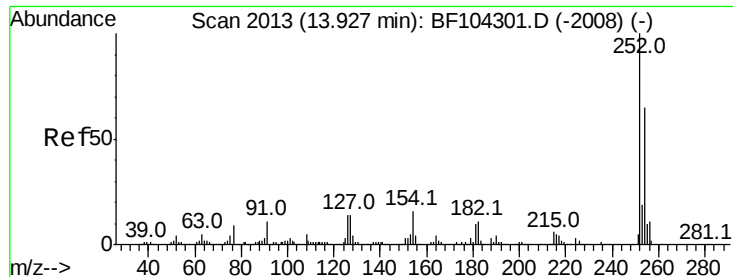
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 24.911 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6

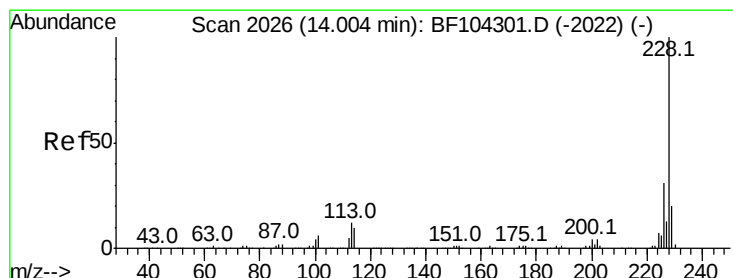
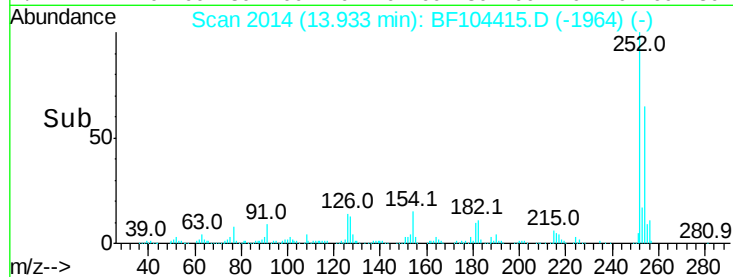
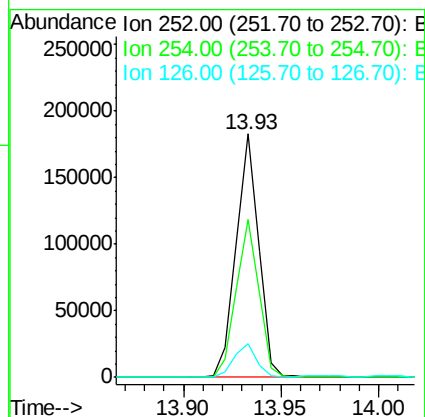
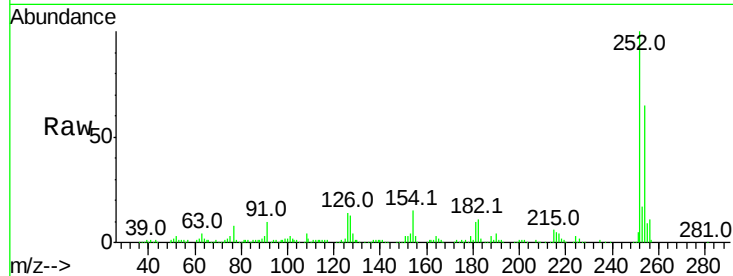




#81
 3,3'-Dichlorobenzidine
 Concen: 27.266 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

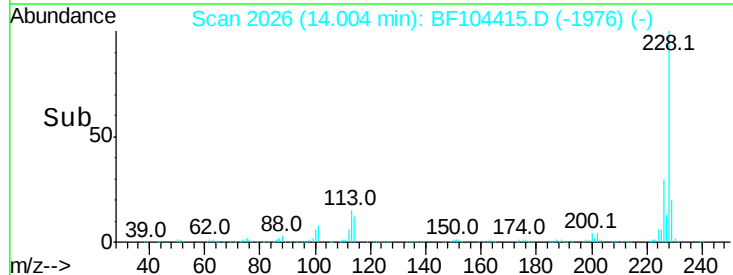
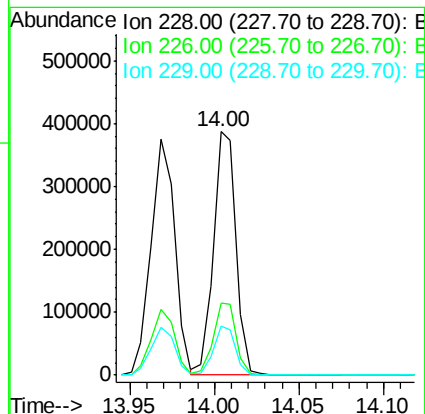
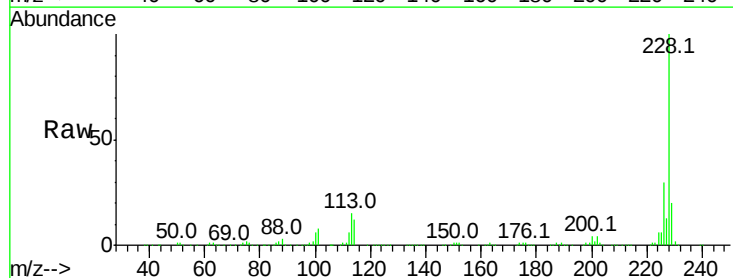
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	13.7	11.3	16.9



#82
 Chrysene
 Concen: 24.258 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.4	16.2	24.4

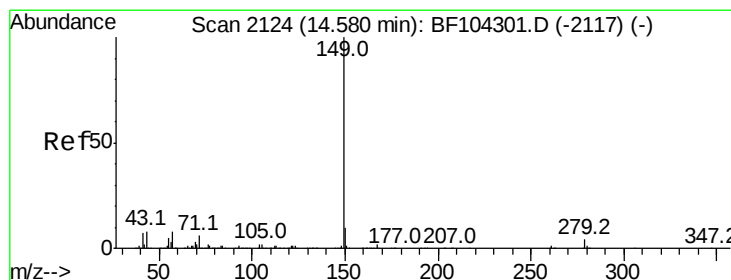
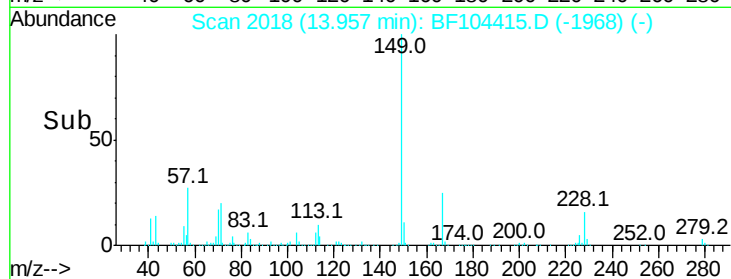
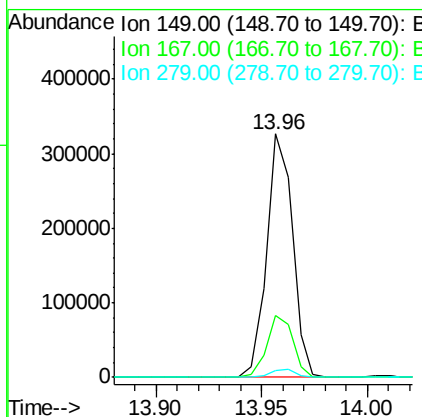
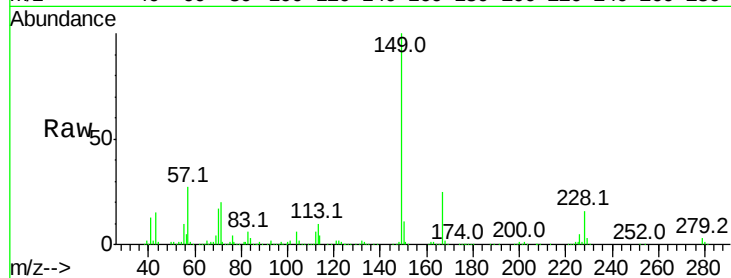




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.718 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

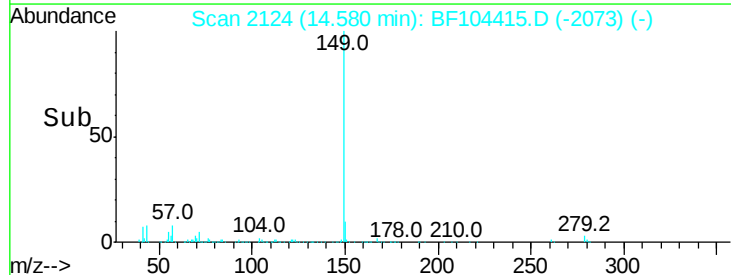
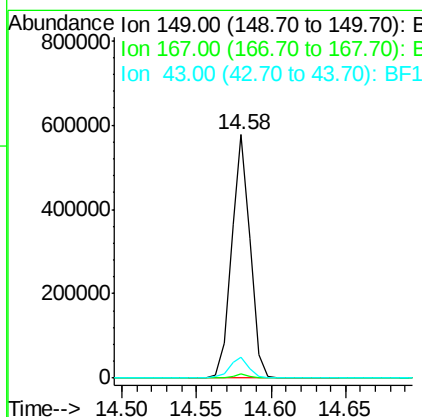
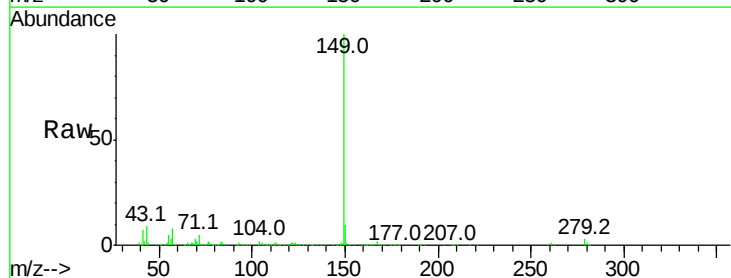
Instrument :
 BNA_F
 ClientSampleId :

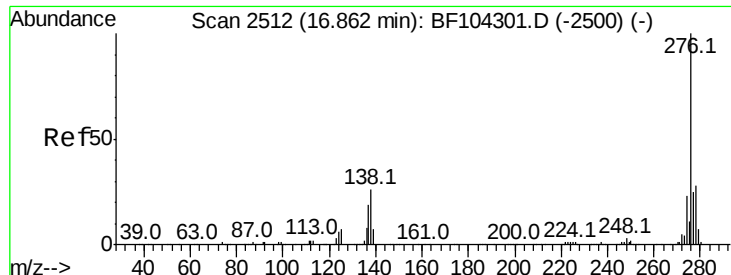
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	2.7	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 27.542 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6

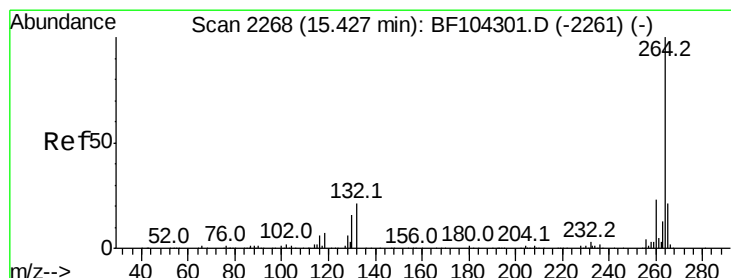
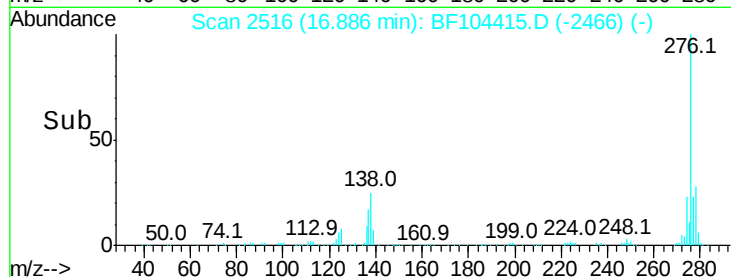
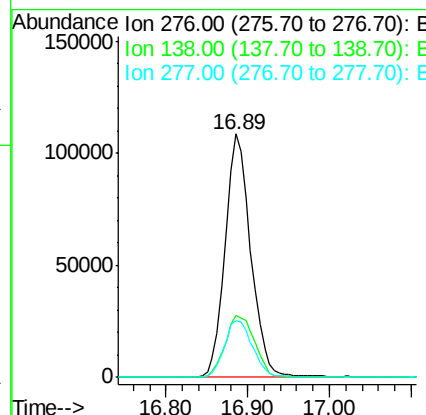
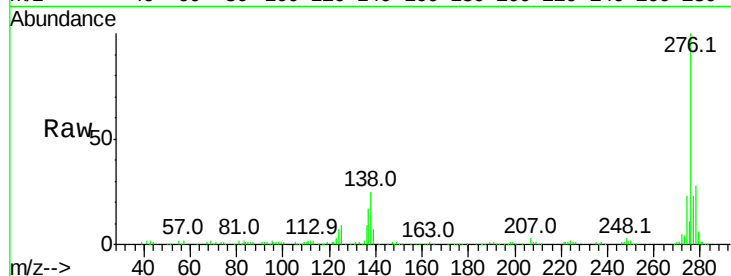




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.698 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

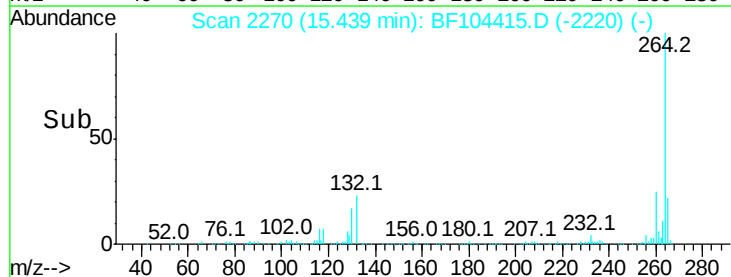
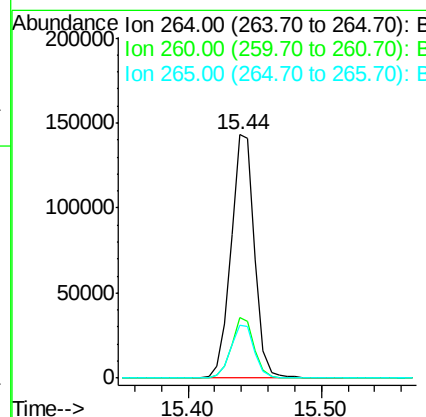
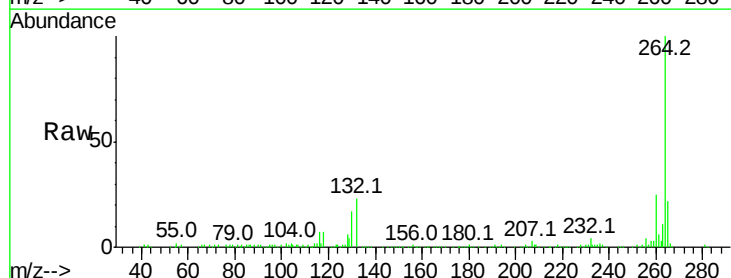
Instrument :
 BNA_F
 ClientSampleId :

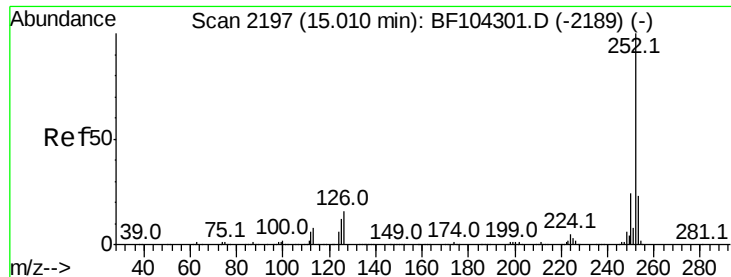
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 26.846 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

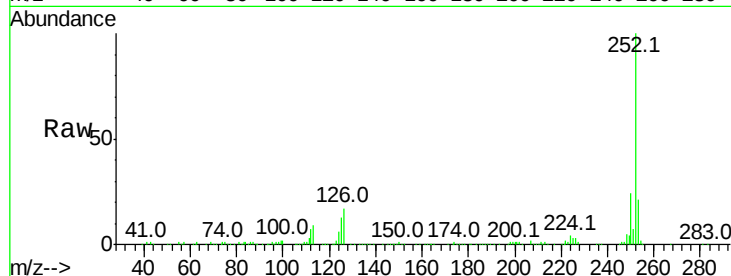
Tot Ion:252 Resp: 300121

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

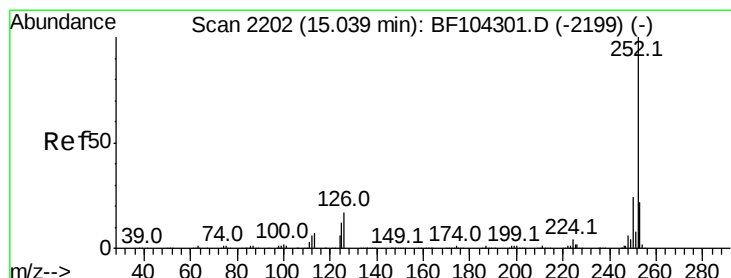
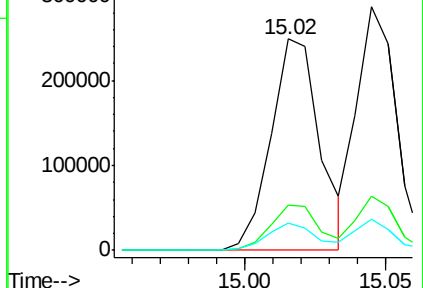
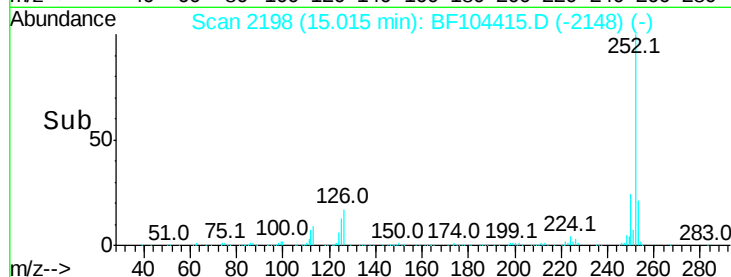
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 26.169 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF104415.D

Acq: 10 Apr 2018 18:06

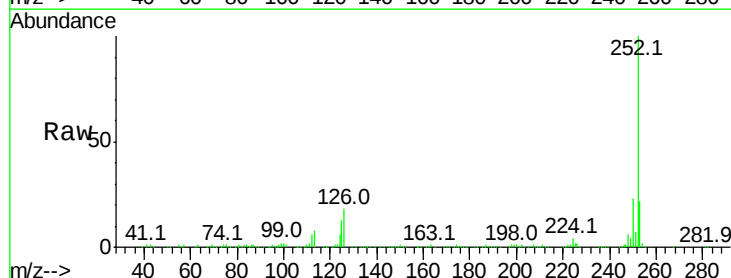
Tgt Ion:252 Resp: 276196

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

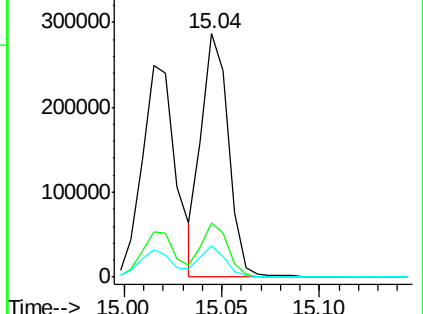
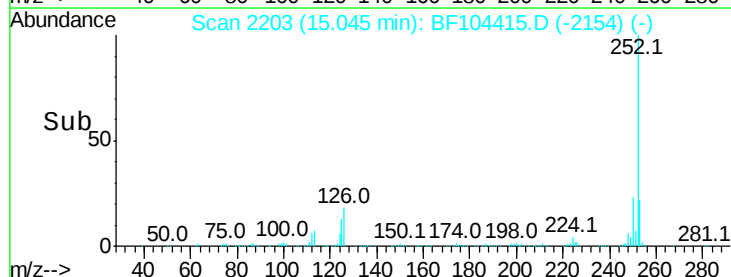
125 12.8 10.2 15.2

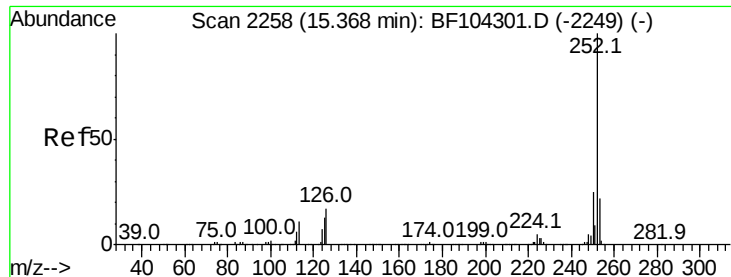


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

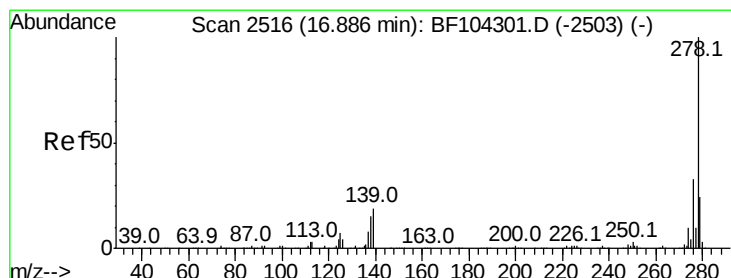
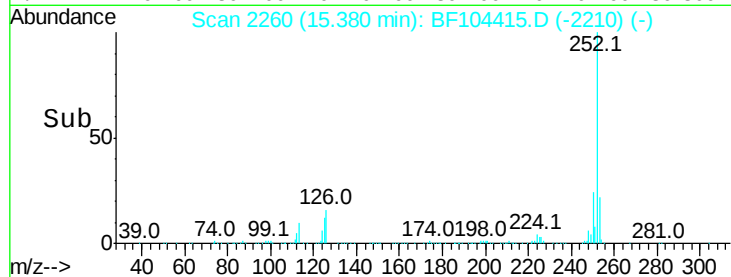
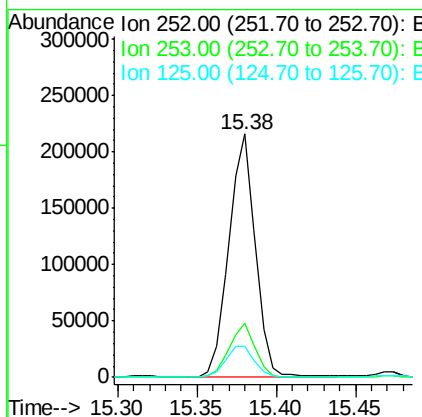
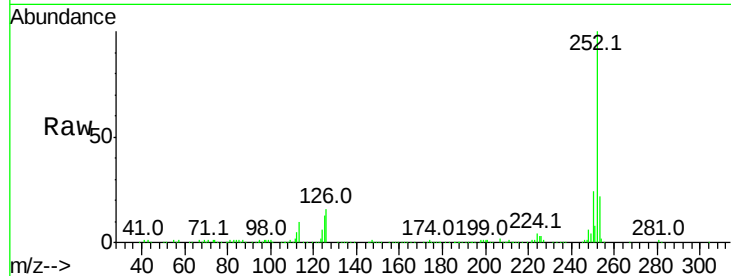




#89
Benzo(a)pyrene
Concen: 25.118 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

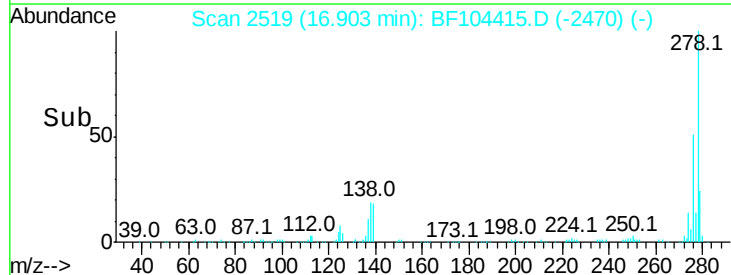
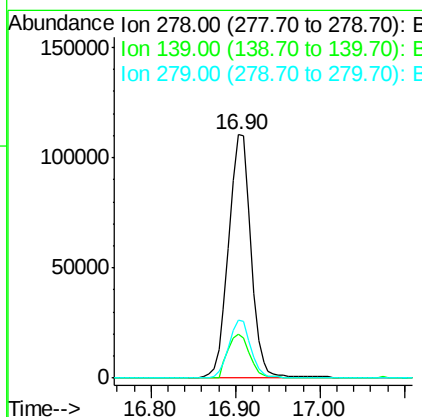
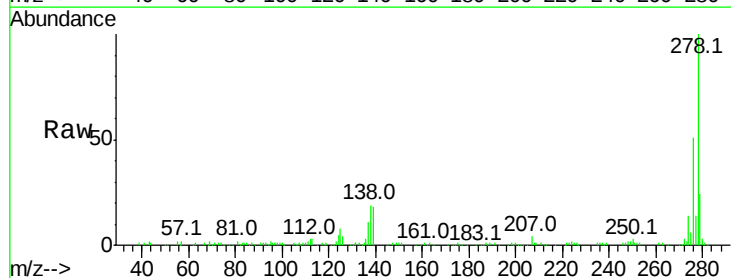
Instrument :
BNA_F
ClientSampleId :

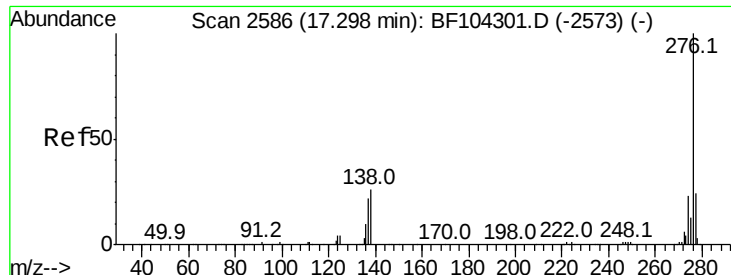
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 24.698 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF104415.D
Acq: 10 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.6	19.0	28.4

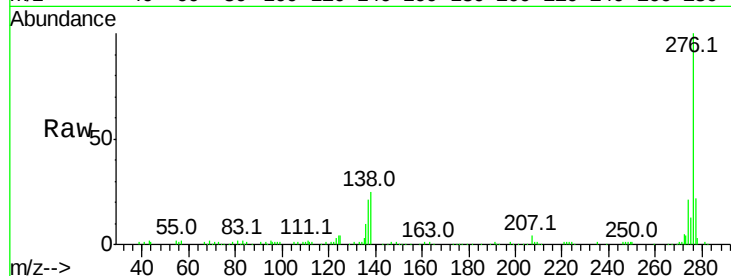




#91
 Benzo(a,h,i)perylene
 Concen: 23.970 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.01 min
 Lab File: BF104415.D
 Acq: 10 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 190784
 Ion Ratio Lower Upper
 276 100
 277 22.3 17.9 26.9
 138 24.7 21.8 32.8



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

