

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104372.D
 Acq On : 9 Apr 2018 15:17
 Operator : JU/SJ
 Sample : J2256-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142500	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574937	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	258120	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	443077	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261906	20.00	ng	0.00
86) Perylene-d12	15.44	264	305701	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1199762	128.74	ng	0.02
7) Phenol-d6	6.45	99	1494797	130.54	ng	0.02
23) Nitrobenzene-d5	7.37	82	930535	105.68	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	358126	133.75	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1462223	89.49	ng	0.00
78) Terphenyl-d14	12.92	244	1190399	103.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	164096	37.789	ng	90
3) Pyridine	3.30	79	441907	36.195	ng	88
4) n-Nitrosodimethylamine	3.26	42	201312	47.169	ng	84
6) Aniline	6.47	93	518339	32.582	ng	97
8) 2-Chlorophenol	6.59	128	457279	46.488	ng	96
9) Benzaldehyde	6.35	77	139319	20.308	ng	98
10) Phenol	6.46	94	603553	49.677	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	446392	46.042	ng	93
12) 1,3-Dichlorobenzene	6.75	146	465439	41.767	ng	99
13) 1,4-Dichlorobenzene	6.82	146	473325	42.610	ng	99
14) 1,2-Dichlorobenzene	6.98	146	436846	42.437	ng	98
15) Benzyl Alcohol	6.95	79	385689	44.347	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	568880	43.691	ng	94
17) 2-Methylphenol	7.06	107	392247	45.875	ng	97
18) Hexachloroethane	7.32	117	171091	43.199	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	307608	41.110	ng	93
20) 3+4-Methylphenols	7.22	107	444196	41.888	ng	# 75
22) Acetophenone	7.22	105	602047	42.534	ng	97
24) Nitrobenzene	7.39	77	477389	49.109	ng	99
25) Isophorone	7.63	82	881242	47.330	ng	99
26) 2-Nitrophenol	7.70	139	249068	62.936	ng	98
27) 2,4-Dimethylphenol	7.75	122	412953	50.255	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	555406	48.789	ng	100
29) 2,4-Dichlorophenol	7.95	162	380228	48.496	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	372854	43.332	ng	98
31) Naphthalene	8.12	128	1267321	44.267	ng	100
32) Benzoic acid	7.87	122	308048	46.984	ng	98
33) 4-Chloroaniline	8.16	127	287904	23.474	ng	99
34) Hexachlorobutadiene	8.23	225	196920	41.782	ng	99
35) Caprolactam	8.54	113	84540	30.909	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	406624	48.367	ng	98
37) 2-Methylnaphthalene	8.80	142	825013	44.551	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344369	46.606	ng	99
40) Hexachlorocyclopentadiene	8.96	237	277187	67.009	ng	100

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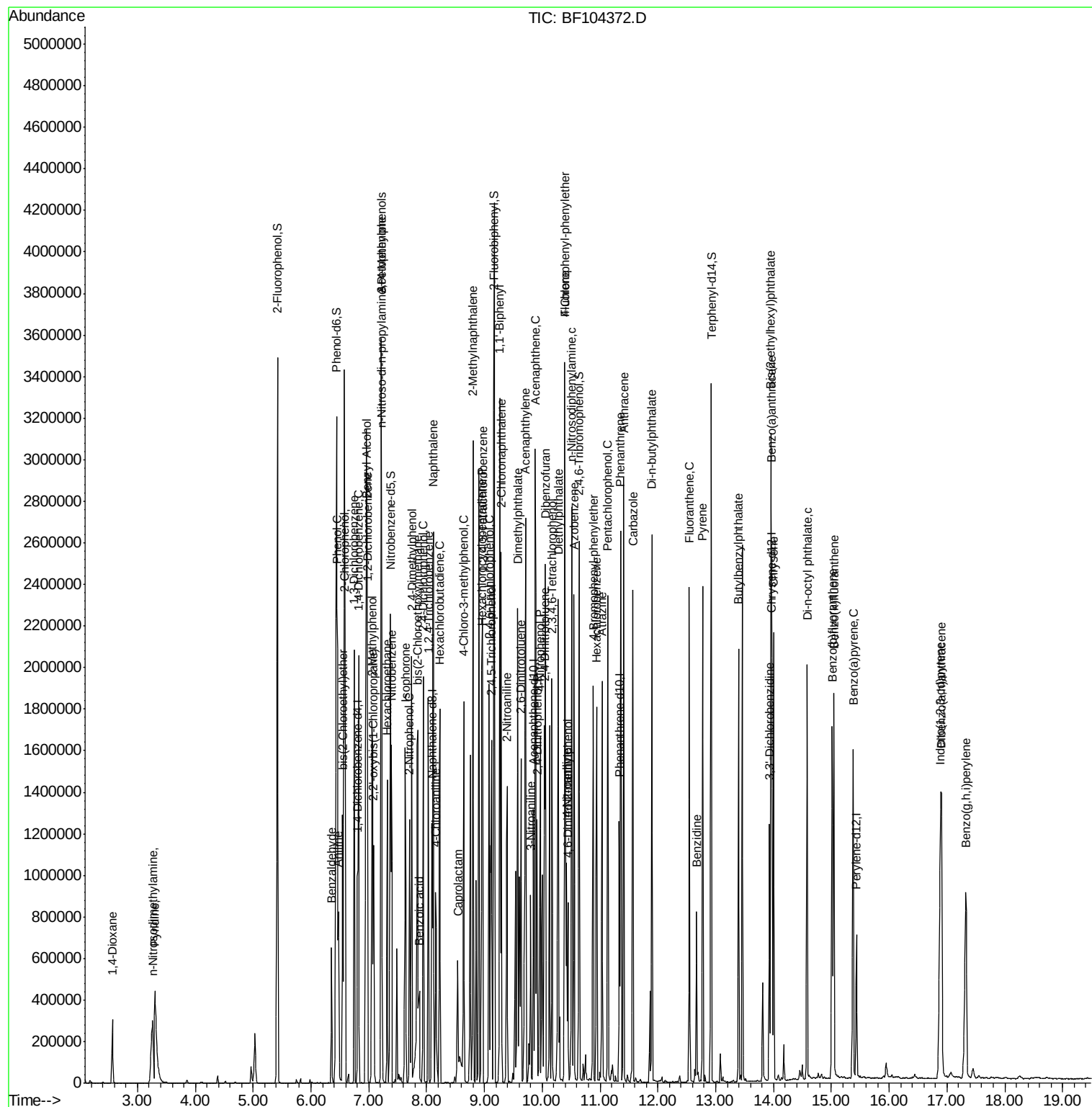
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	260058	50.701	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	273761	47.695	nq	98
45) 1,1'-Biphenyl	9.27	154	973605	44.900	nq	100
46) 2-Chloronaphthalene	9.29	162	767058	44.785	nq	99
47) 2-Nitroaniline	9.39	65	246504	58.198	nq	97
48) Acenaphthylene	9.71	152	1170096	43.542	nq	99
49) Dimethylphthalate	9.57	163	1015063	49.869	nq	99
50) 2,6-Dinitrotoluene	9.63	165	211334	56.110	nq	99
51) Acenaphthene	9.88	154	701880	42.808	nq	99
52) 3-Nitroaniline	9.80	138	150189	34.061	nq	99
53) 2,4-Dinitrophenol	9.91	184	176970	100.987	nq	# 18
54) Dibenzofuran	10.06	168	1030492	45.099	nq	99
55) 4-Nitrophenol	9.96	139	376500	108.699	nq	99
56) 2,4-Dinitrotoluene	10.04	165	273498	55.359	nq	97
57) Fluorene	10.40	166	751050	45.158	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	212932	49.726	nq	95
59) Diethylphthalate	10.27	149	880058	43.413	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	340687	45.997	nq	97
61) 4-Nitroaniline	10.42	138	206084	47.800	nq	97
62) Azobenzene	10.55	77	840176	43.381	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	113250	51.796	nq	78
65) n-Nitrosodiphenylamine	10.51	169	730450	47.547	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	220756	46.841	nq	91
67) Hexachlorobenzene	10.94	284	240241	45.303	nq	97
68) Atrazine	11.04	200	224358	48.383	nq	99
69) Pentachlorophenol	11.13	266	263377	80.280	nq	97
70) Phenanthrene	11.36	178	1072436	43.463	nq	99
71) Anthracene	11.41	178	1103016	43.976	nq	100
72) Carbazole	11.57	167	1027775	41.934	nq	99
73) Di-n-butylphthalate	11.90	149	1300438	43.435	nq	99
74) Fluoranthene	12.54	202	989080	38.366	nq	99
76) Benzidine	12.67	184	287505	30.018	nq	98
77) Pyrene	12.77	202	952849	49.082	nq	100
79) Butylbenzylphthalate	13.40	149	464438	50.781	nq	99
80) Benzo(a)anthracene	13.97	228	712070	45.510	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	253052	43.376	nq	99
82) Chrysene	14.00	228	718787	44.725	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	579435	49.255	nq	99
84) Di-n-octyl phthalate	14.58	149	980468	49.880	nq	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	969542	71.016	nq	98
87) Benzo(b)fluoranthene	15.02	252	792551	41.049	nq	98
88) Benzo(k)fluoranthene	15.04	252	779668	42.773	nq	100
89) Benzo(a)pyrene	15.38	252	808058	46.775	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	799877	56.376	nq	98
91) Benzo(g,h,i)perylene	17.33	276	776489	56.488	nq	97

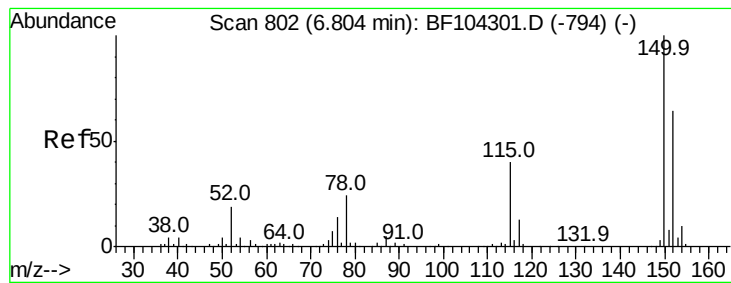
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

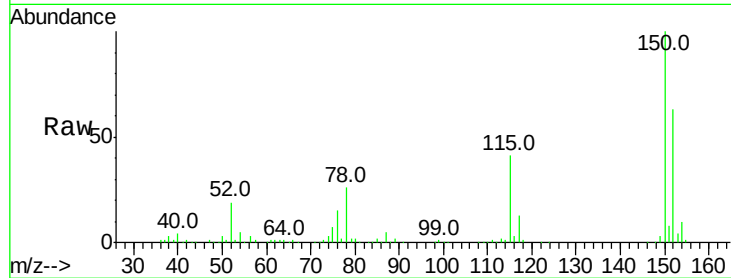
Tot Ion:152 Resp: 142500

Ion Ratio Lower Upper

152 100

150 159.7 124.6 186.8

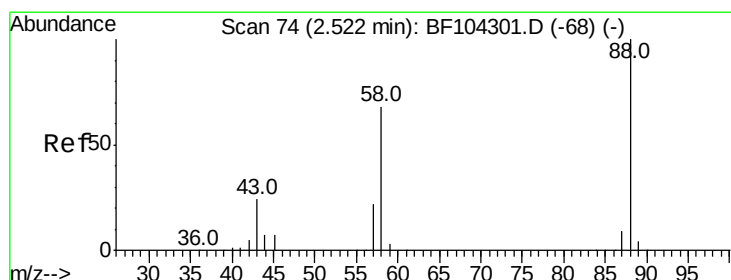
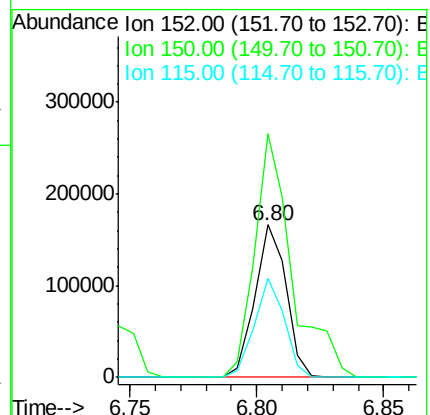
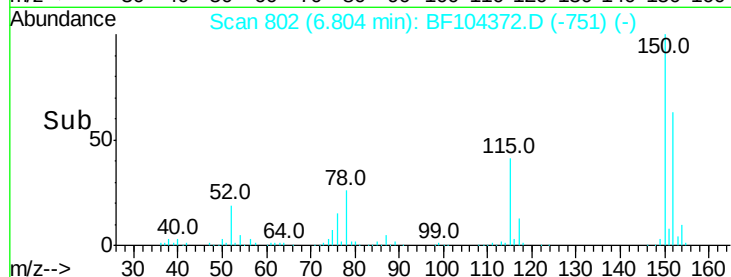
115 65.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.789 ng

RT: 2.56 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

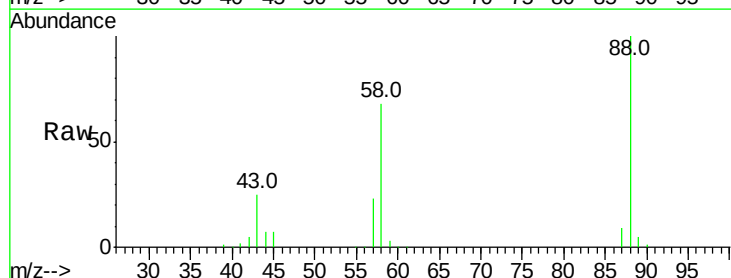
Tgt Ion: 88 Resp: 164096

Ion Ratio Lower Upper

88 100

58 68.1 62.6 93.8

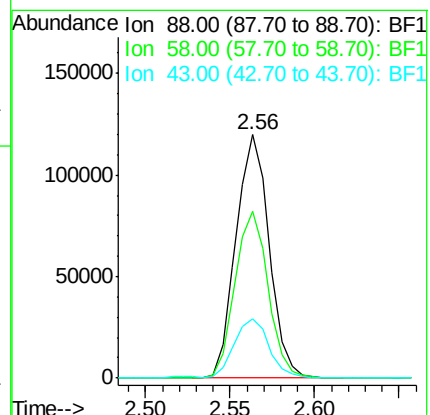
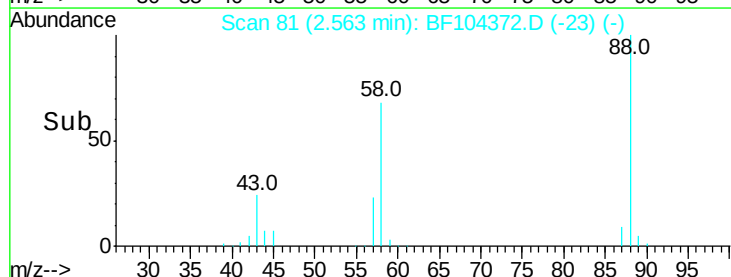
43 27.0 24.6 37.0

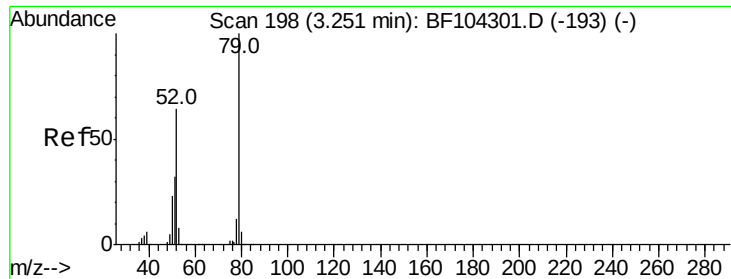


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.195 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

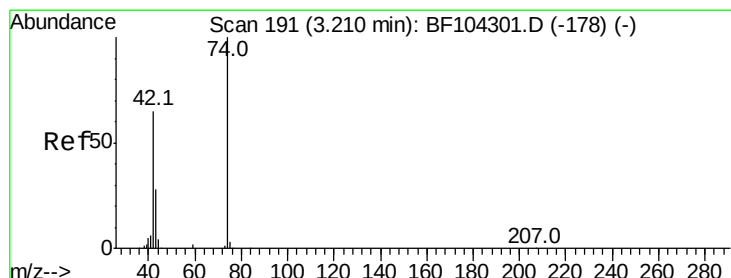
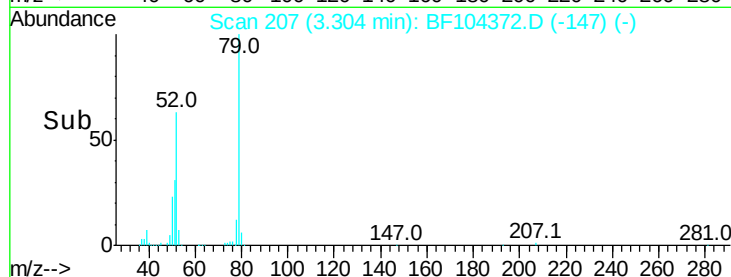
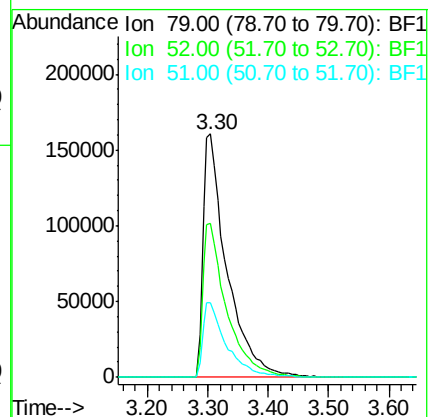
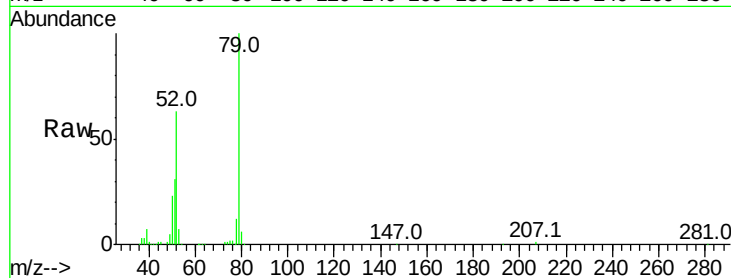
Tot Ion: 79 Resp: 441907

Ion Ratio Lower Upper

79 100

52 63.5 59.8 89.6

51 30.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 47.169 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.05 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

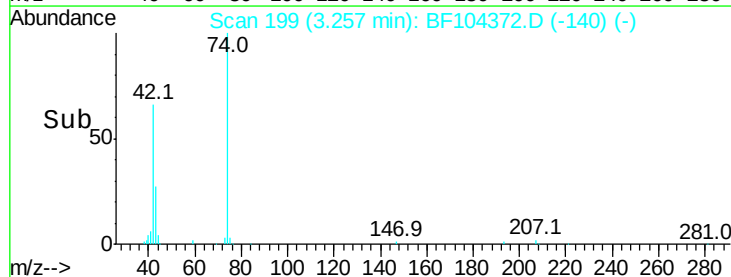
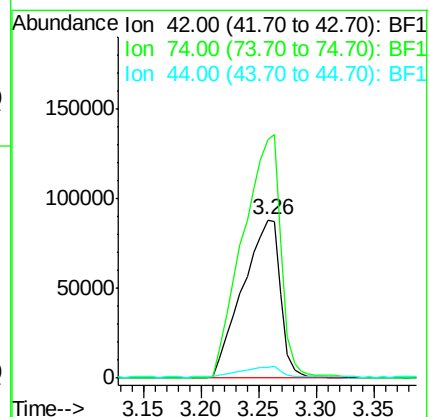
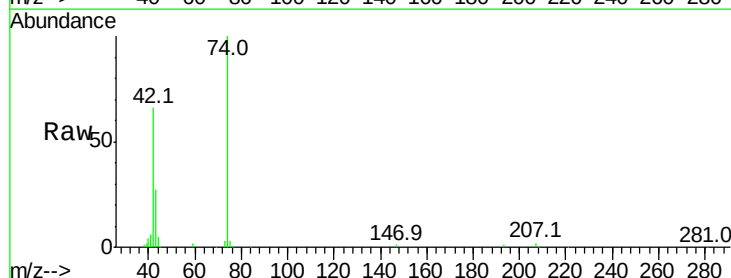
Tgt Ion: 42 Resp: 201312

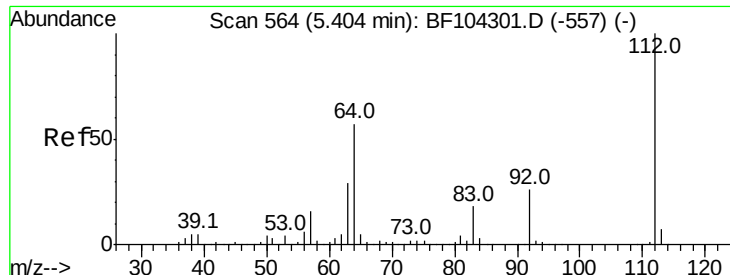
Ion Ratio Lower Upper

42 100

74 150.8 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 128.737 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampled :

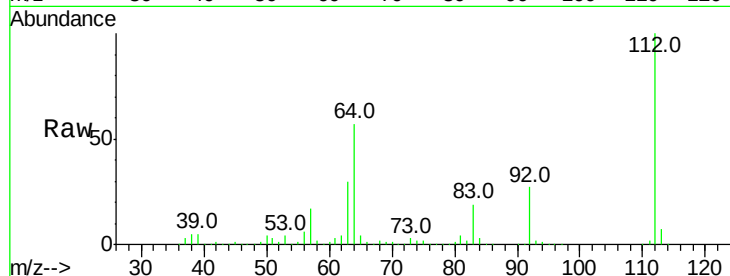
Tot Ion:112 Resp: 1199762

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

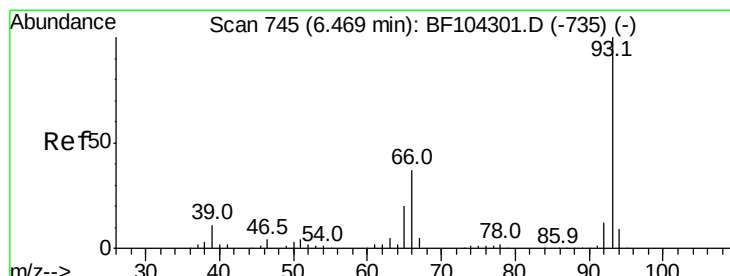
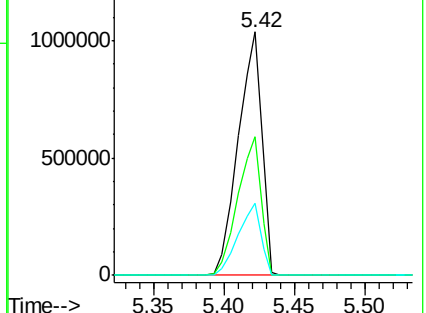
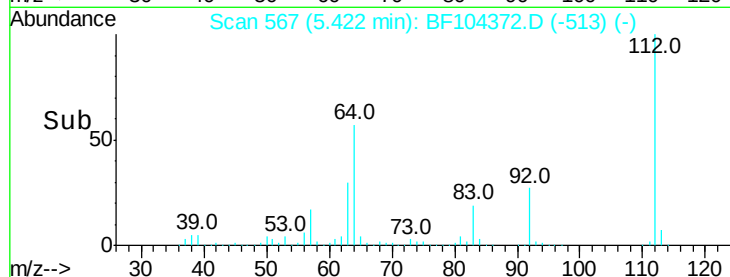
63 29.5 23.7 35.5



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: 32.582 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

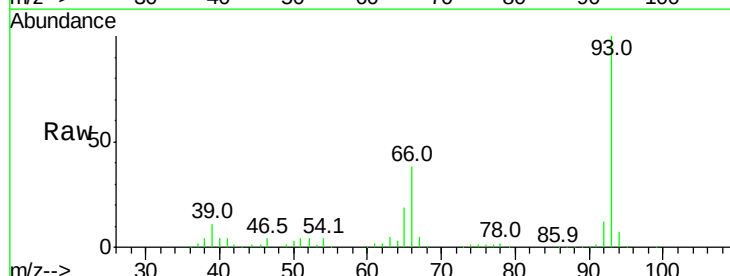
Tgt Ion: 93 Resp: 518339

Ion Ratio Lower Upper

93 100

66 37.9 32.2 48.2

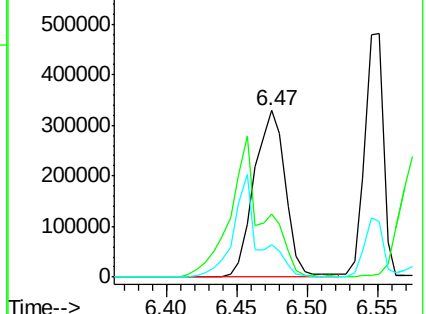
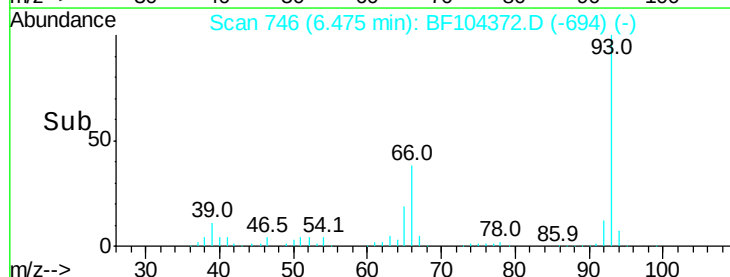
65 19.2 16.4 24.6

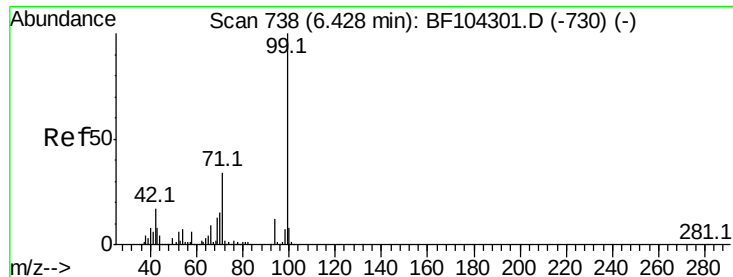


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.543 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

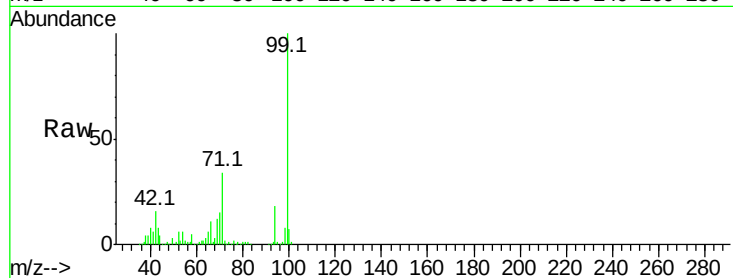
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1494797

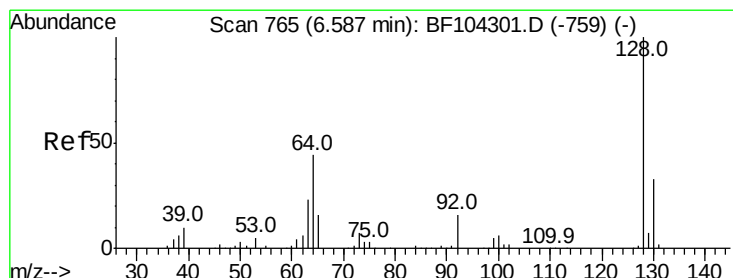
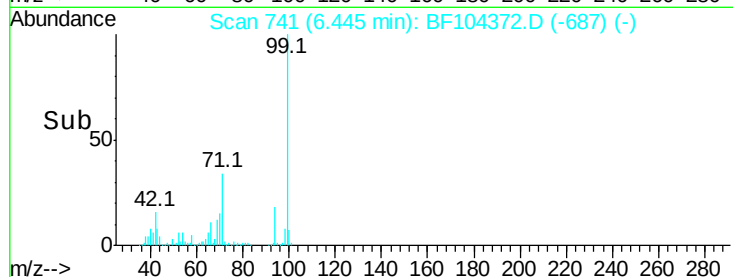
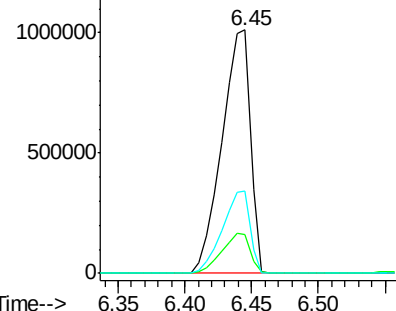
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	33.7	25.4	38.0



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: 46.488 ng

RT: 6.59 min Scan# 766

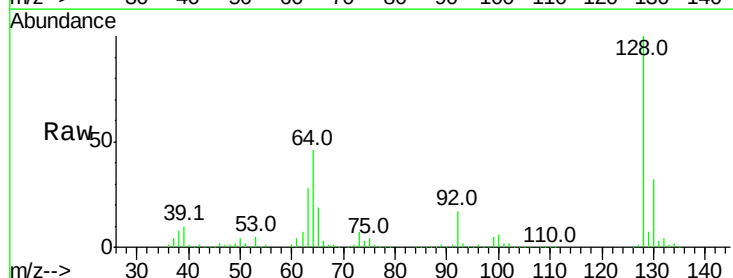
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:128 Resp: 457279

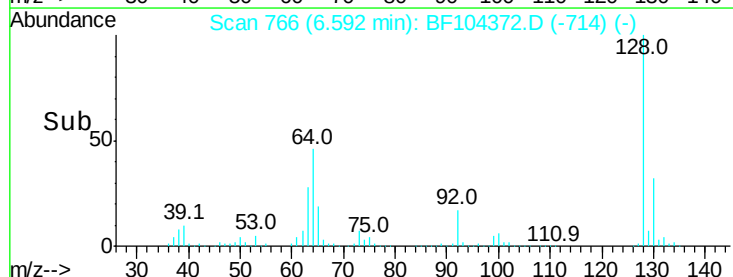
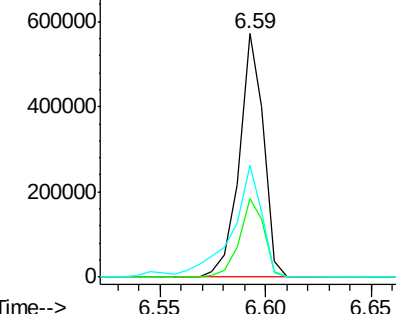
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	45.8	29.4	69.4

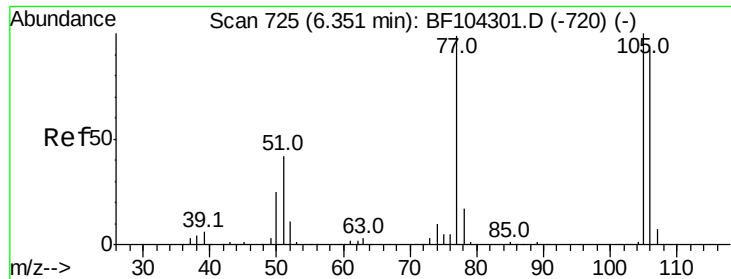


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

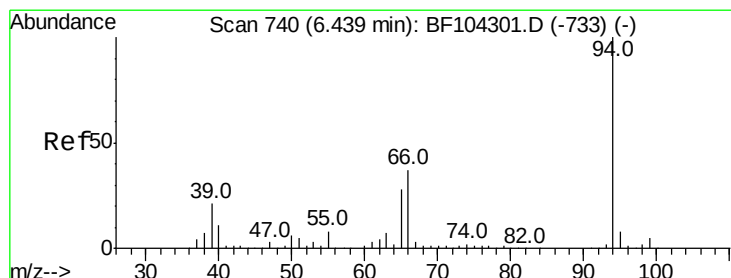
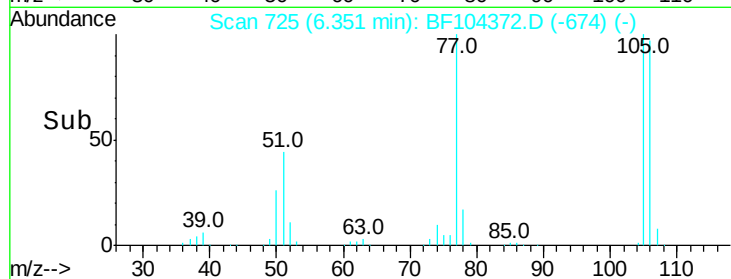
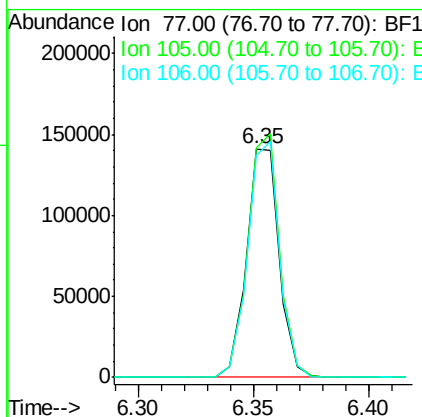
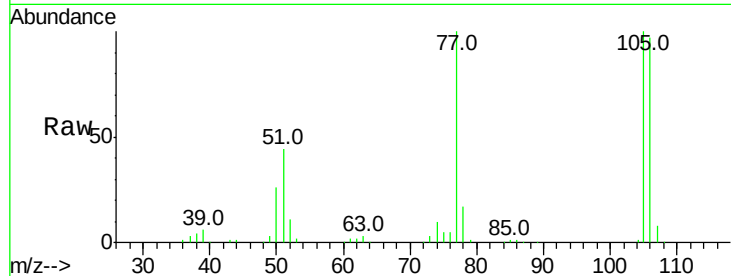




#9
Benzaldehyde
Concen: 20.308 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

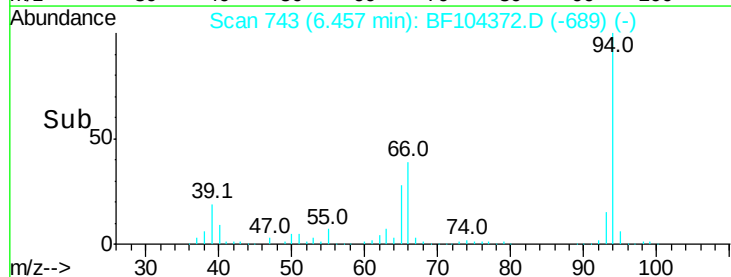
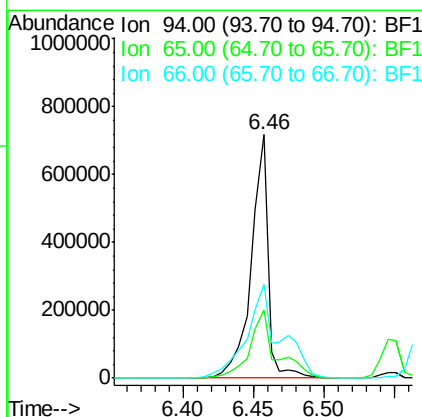
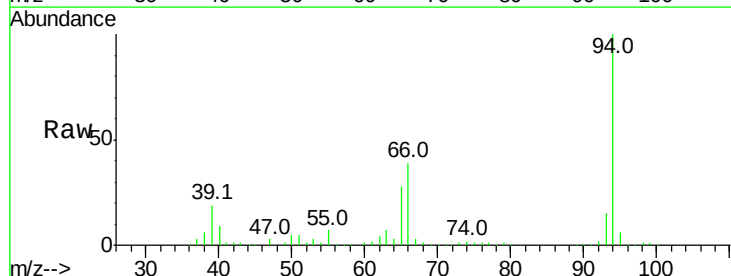
Instrument :
BNA_F
ClientSampled :

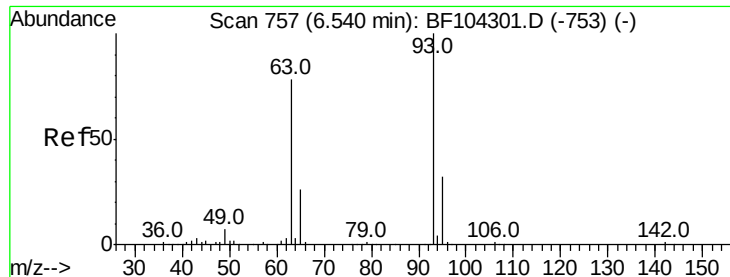
Tot Ion:	77	Resp:	139319
Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.1	121.1
106	97.0	74.5	114.5



#10
Phenol
Concen: 49.677 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:	94	Resp:	603553
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	38.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 46.042 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

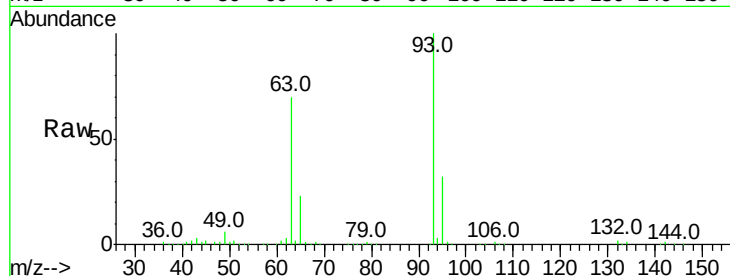
Tot Ion: 93 Resp: 446392

Ion Ratio Lower Upper

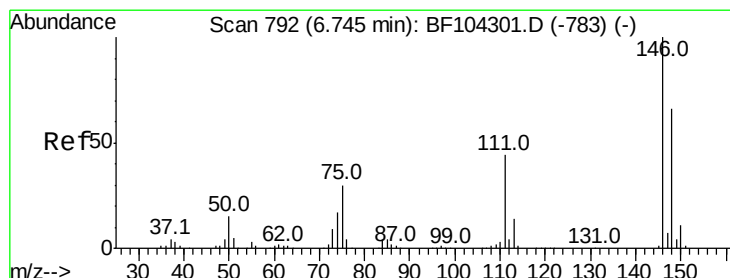
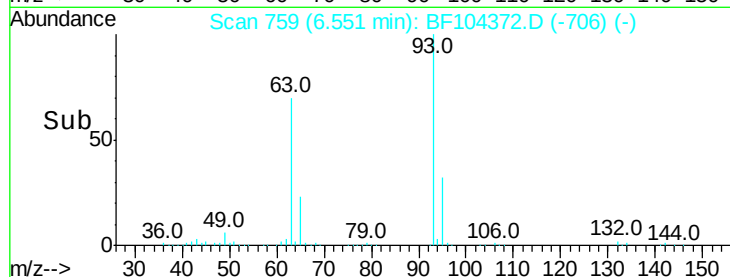
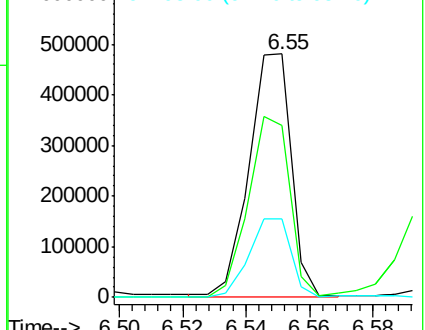
93 100

63 70.4 58.6 98.6

95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.767 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

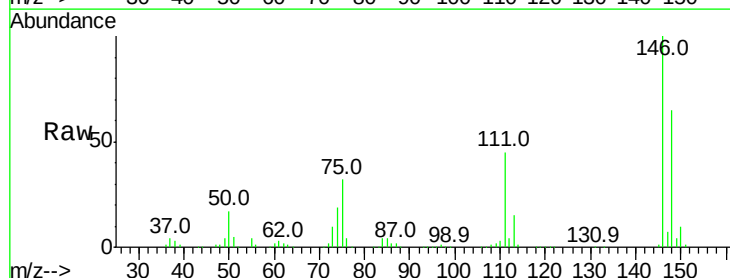
Tgt Ion: 146 Resp: 465439

Ion Ratio Lower Upper

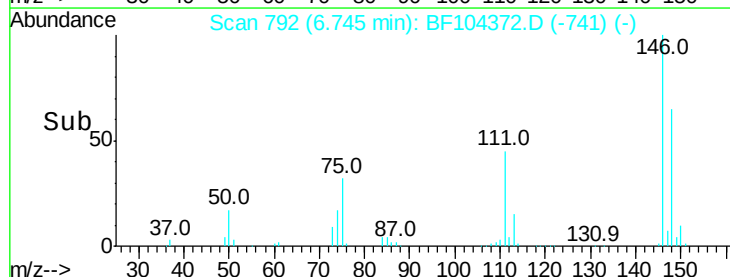
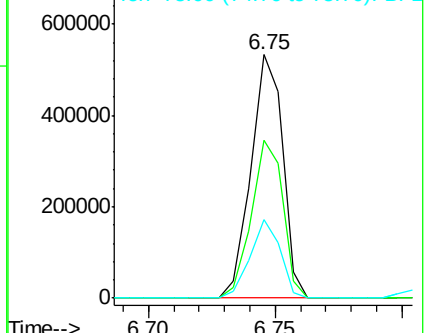
146 100

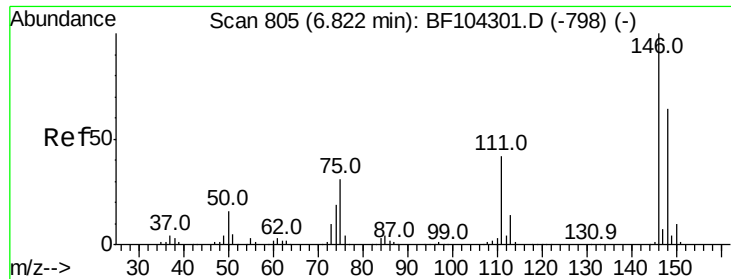
148 64.8 51.8 77.8

75 32.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

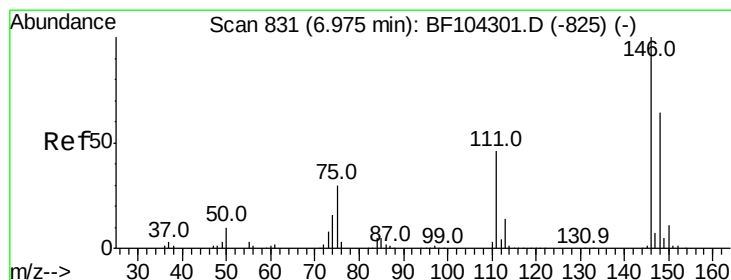
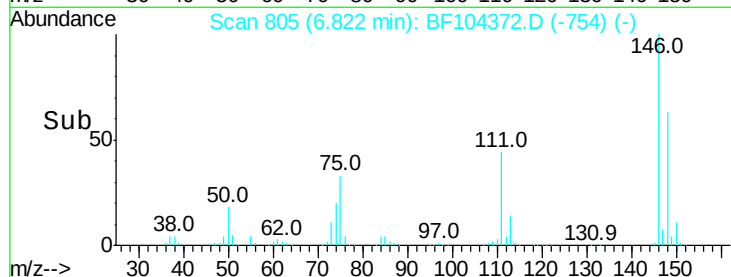
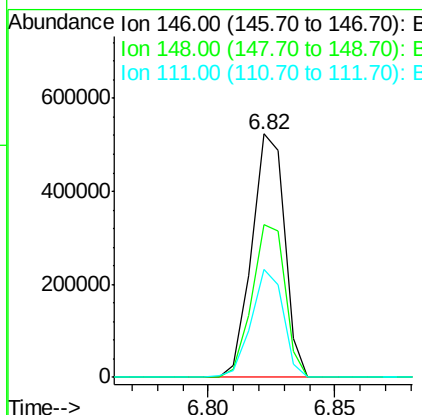
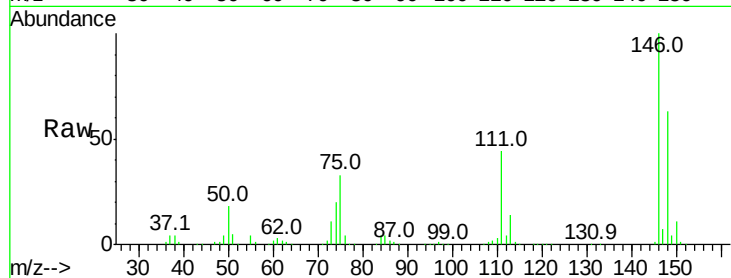




#13
 1,4-Dichlorobenzene
 Concen: 42.610 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

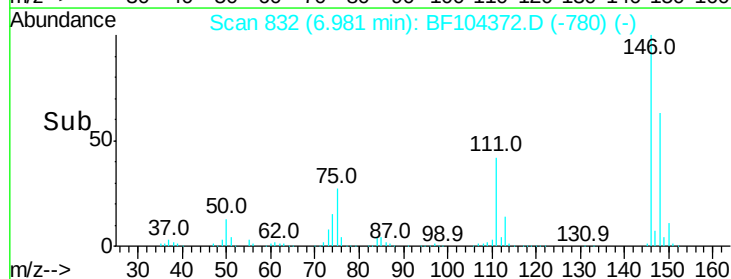
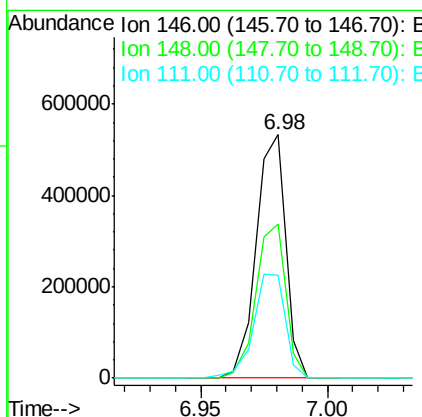
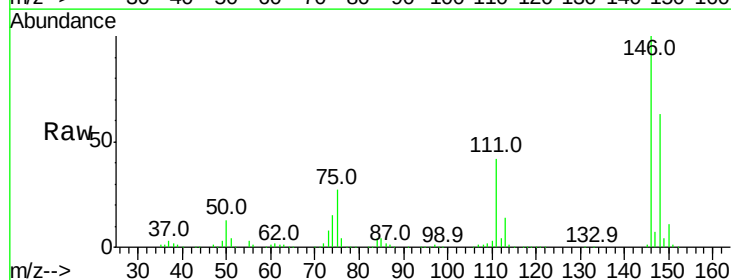
Instrument :
 BNA_F
 ClientSampleId :

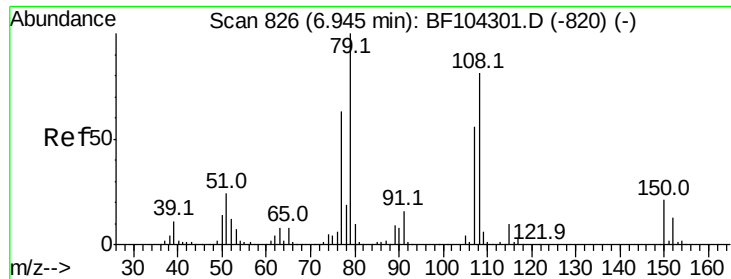
Tot Ion:146 Resp: 473325
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 44.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.437 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:146 Resp: 436846
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 42.2 36.0 54.0

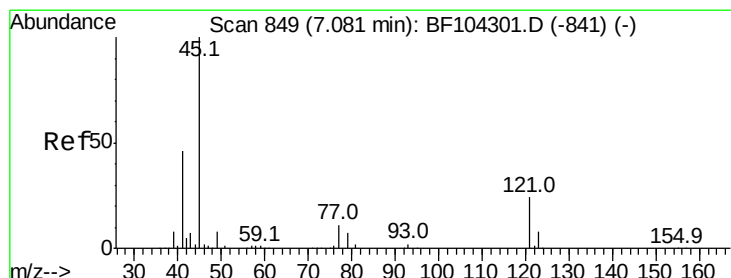
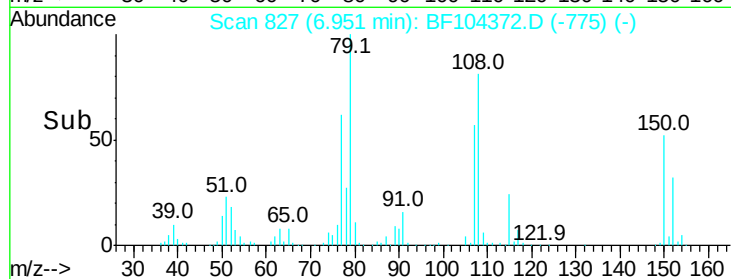
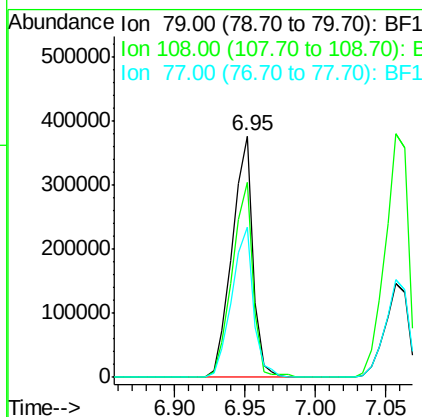
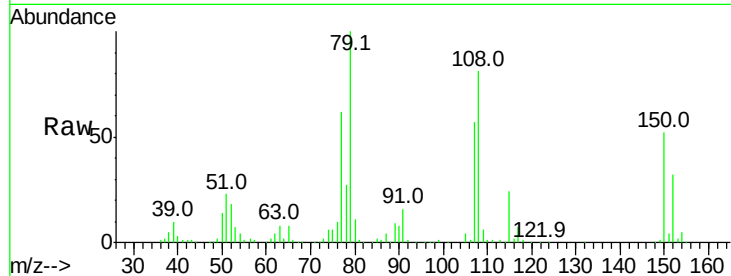




#15
Benzvl Alcohol
Concen: 44.347 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

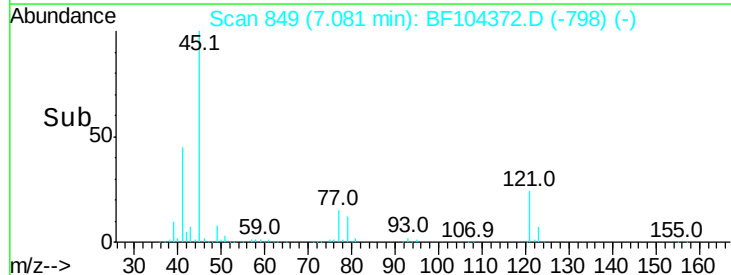
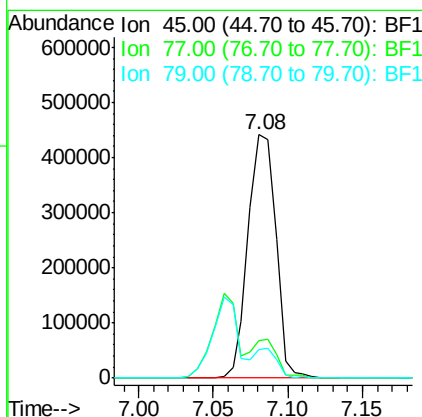
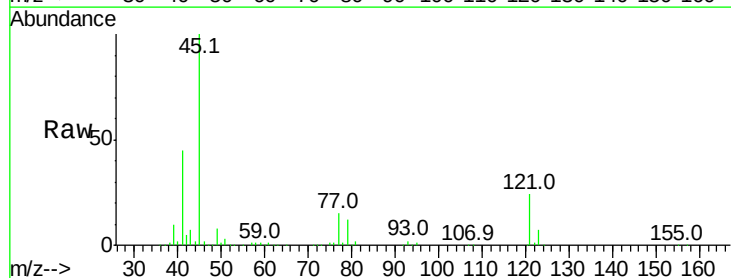
Instrument :
BNA_F
ClientSampled :

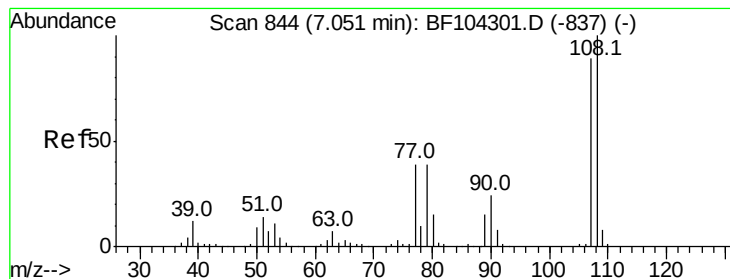
Tot Ion: 79 Resp: 385689
Ion Ratio Lower Upper
79 100
108 80.7 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.691 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion: 45 Resp: 568880
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 12.0 0.0 29.6

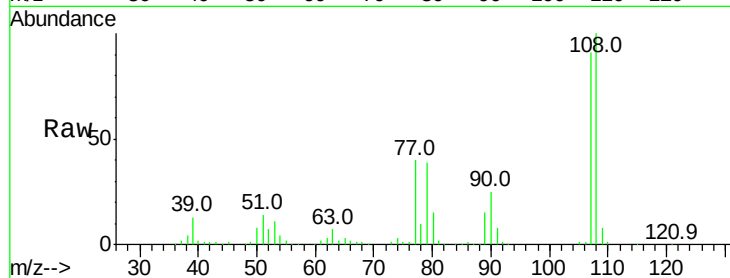




#17
2-Methylphenol
Concen: 45.875 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.7	137.5
77	44.2	33.8	50.8
79	42.5	33.8	50.8



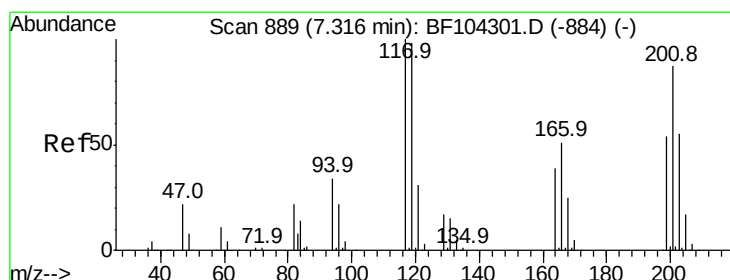
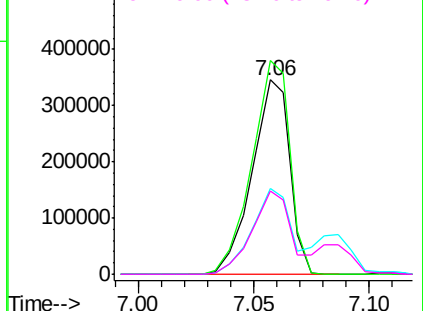
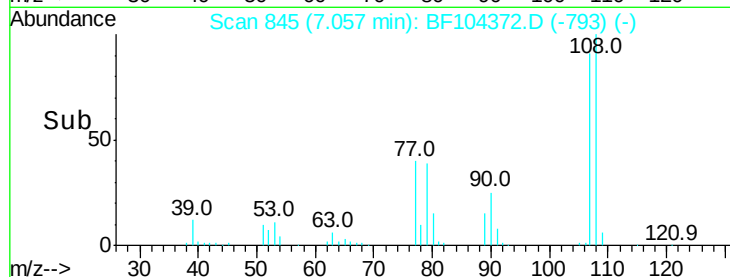
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

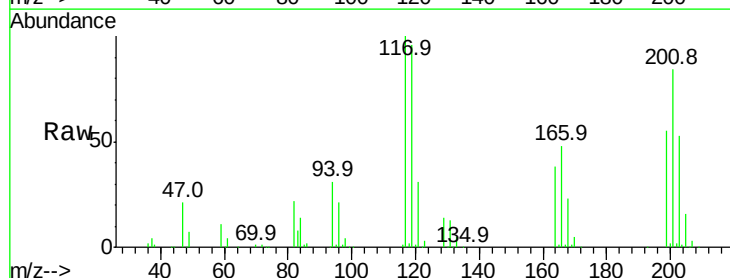
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.199 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	83.6	75.7	113.5

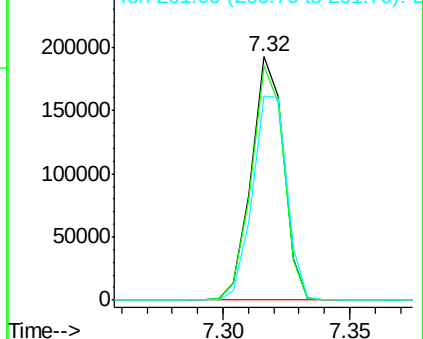
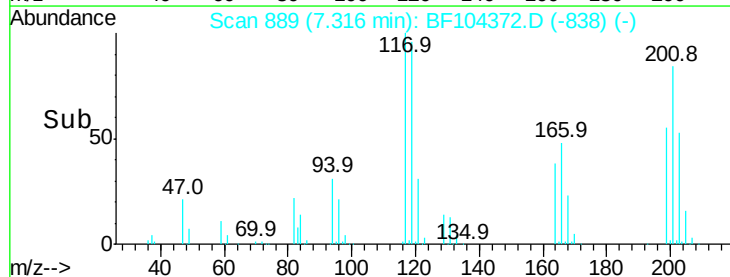


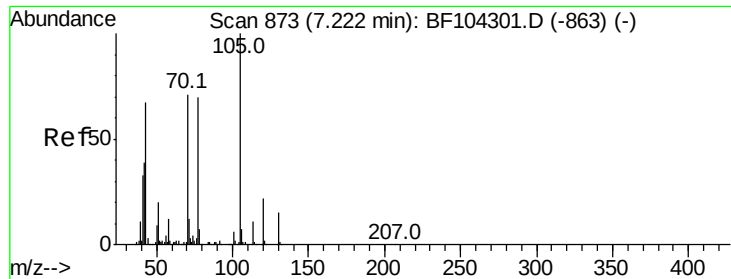
Abundance

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

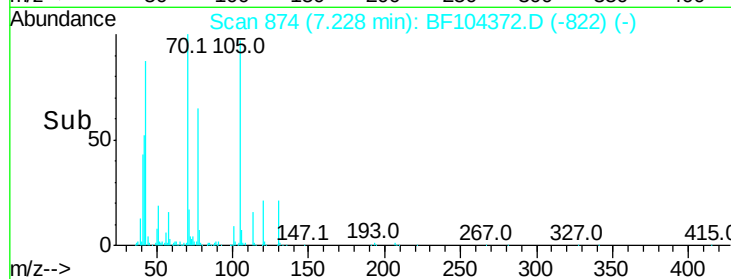
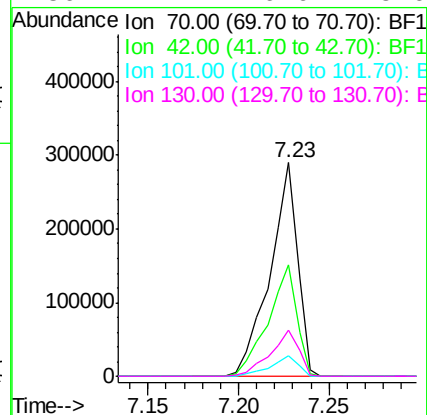
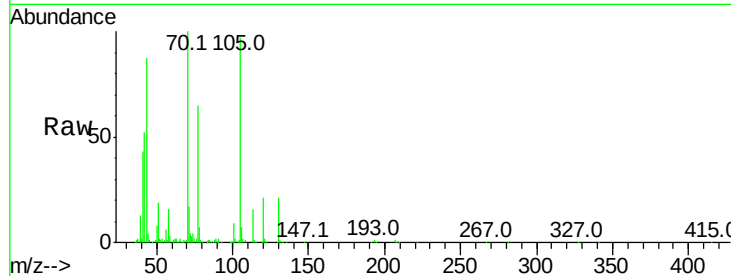




#19
n-Nitroso-di-n-propylamine
Concen: 41.110 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

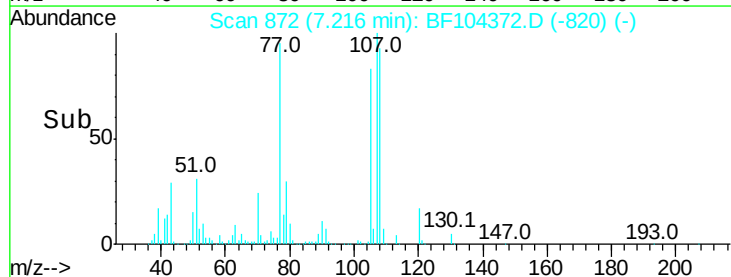
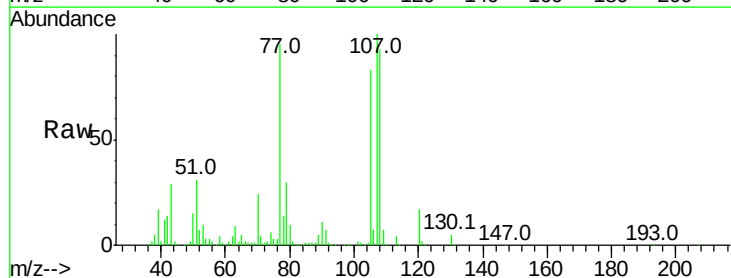
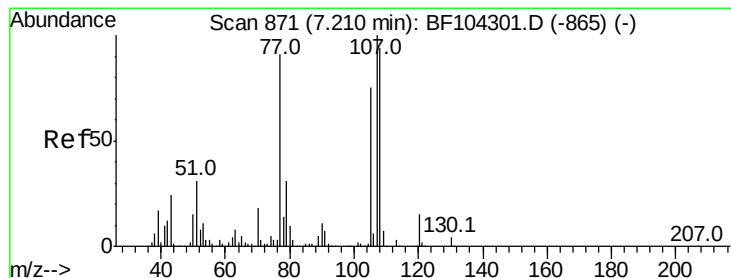
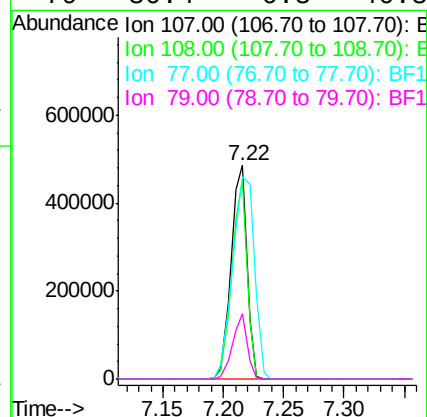
Instrument :
BNA_F
ClientSampleId :

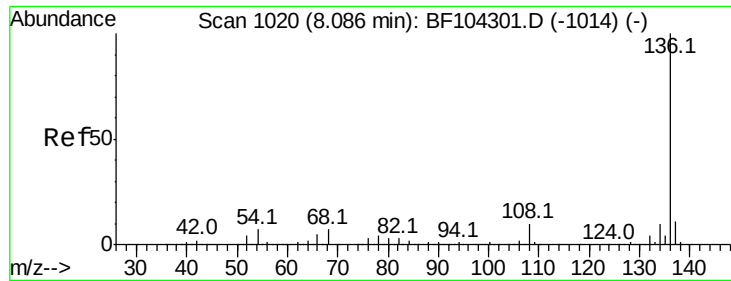
Tot Ion:	70	Resp:	307608
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.4	7.4	11.2
130	21.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.888 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:	107	Resp:	444196
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	94.6	26.7	66.7#
79	30.4	6.3	46.3

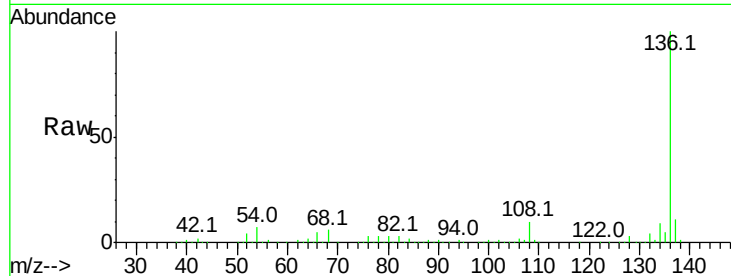




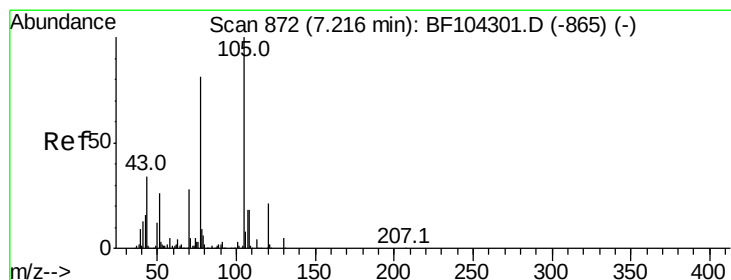
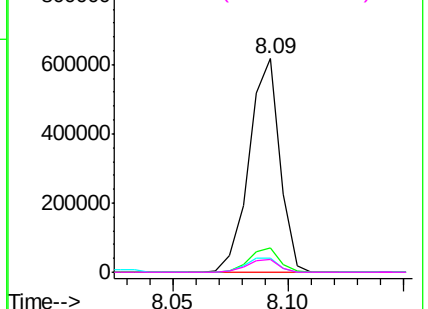
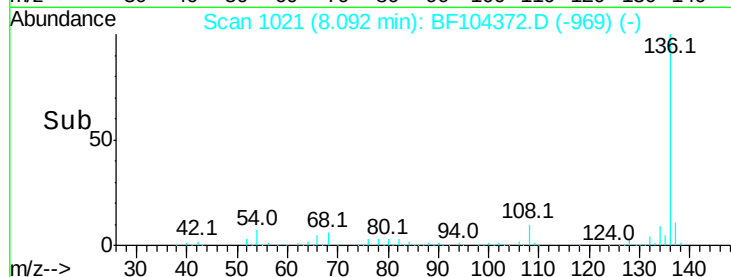
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	574937
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.6	6.6 9.8
68	5.8	5.0 7.4

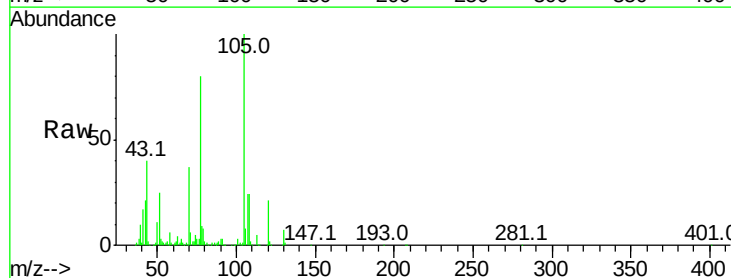


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

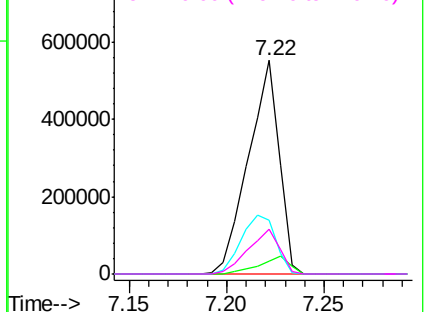
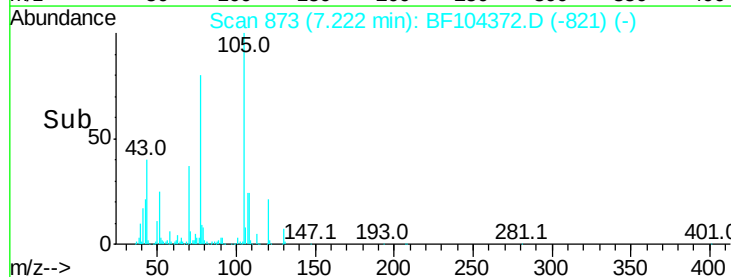


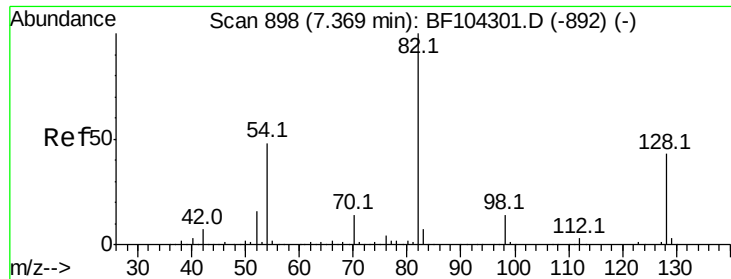
#22
Acetophenone
Concen: 42.534 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:105	Resp:	602047
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	25.4	22.3 33.5
120	21.3	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

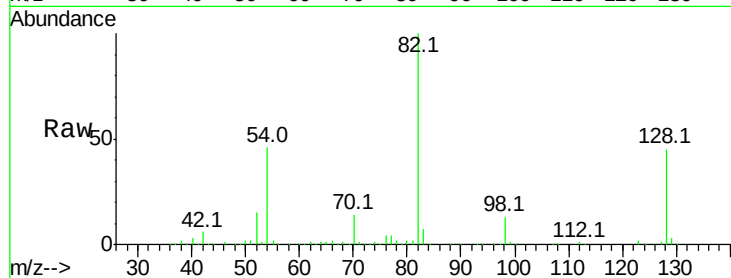




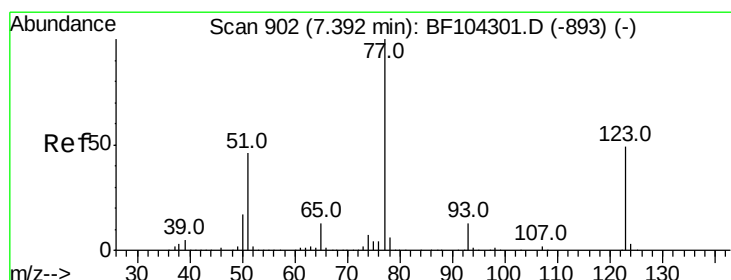
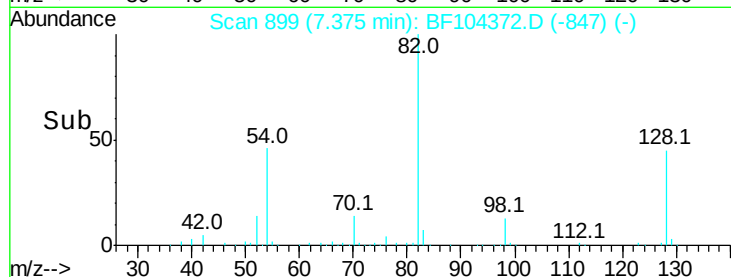
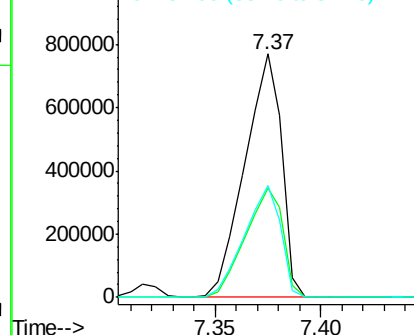
#23
Nitrobenzene-d5
Concen: 105.685 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 930535
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 46.1 41.4 62.2

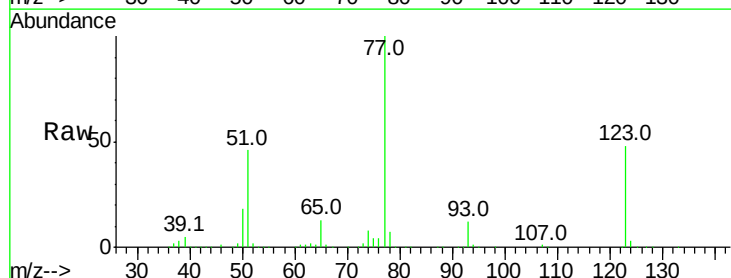


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

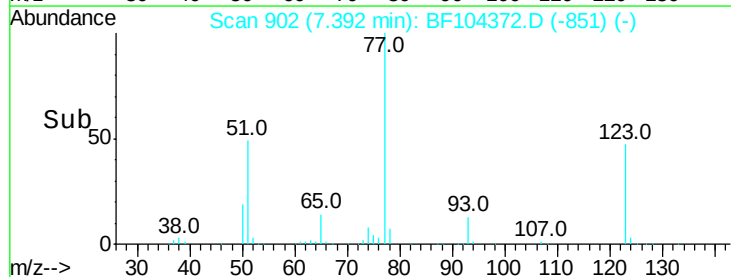
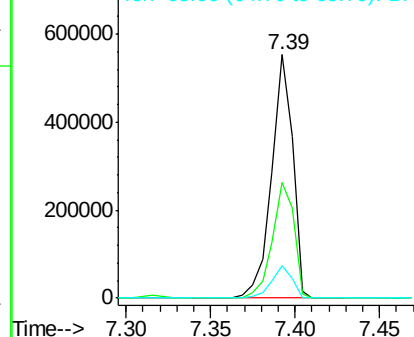


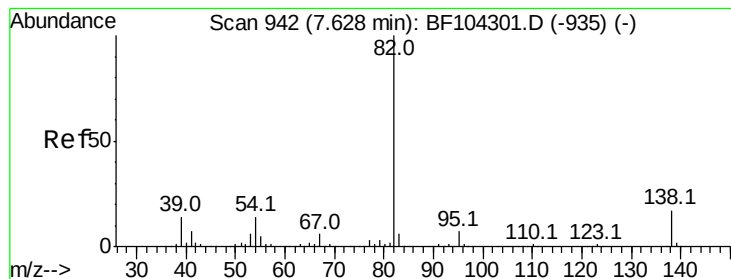
#24
Nitrobenzene
Concen: 49.109 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion: 77 Resp: 477389
Ion Ratio Lower Upper
77 100
123 47.7 37.9 56.9
65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 47.330 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampled :

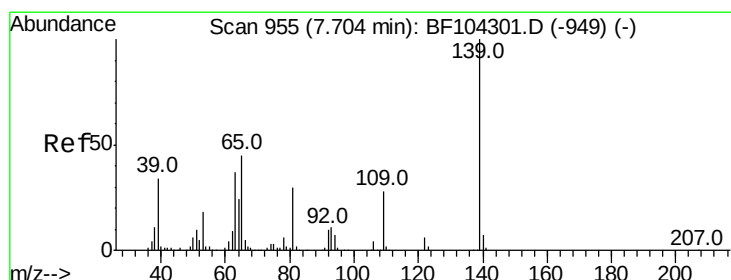
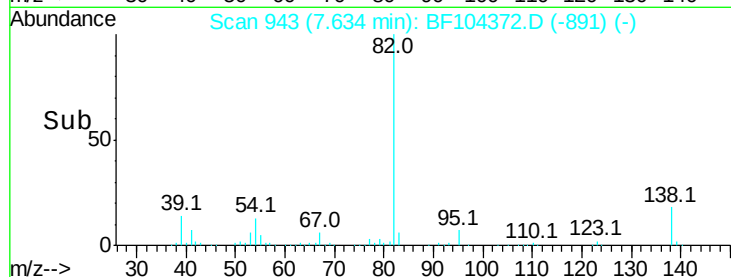
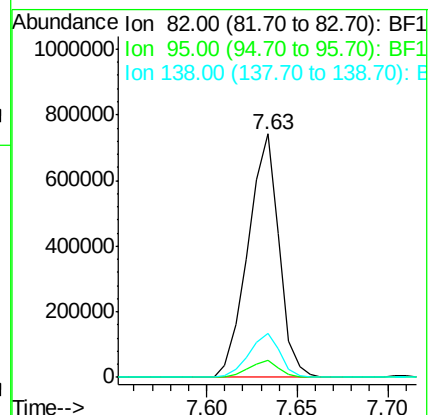
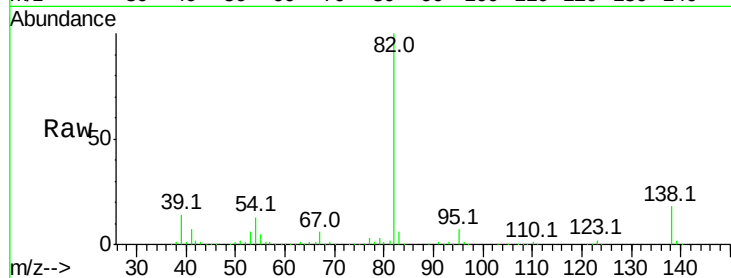
Tot Ion: 82 Resp: 881242

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 62.936 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

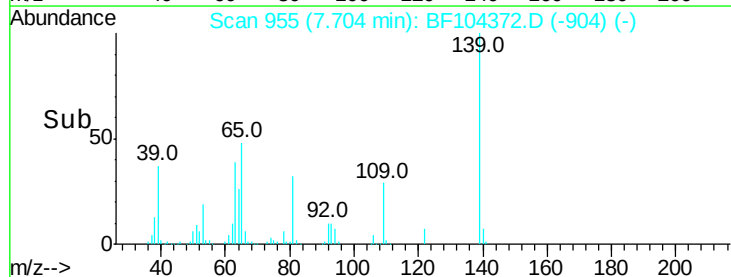
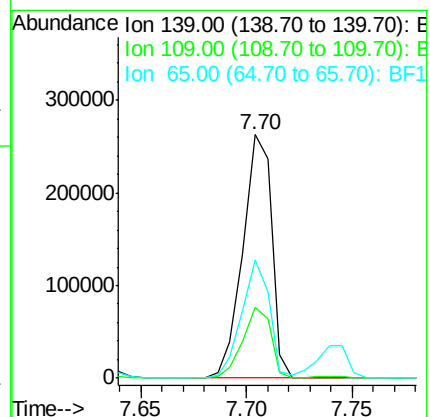
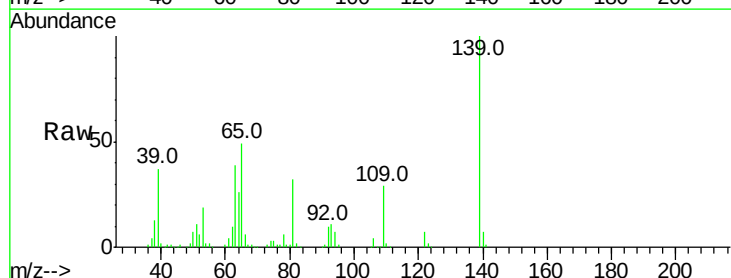
Tgt Ion:139 Resp: 249068

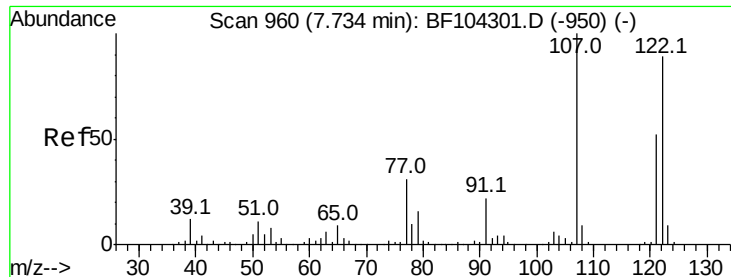
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 48.5 40.5 60.7

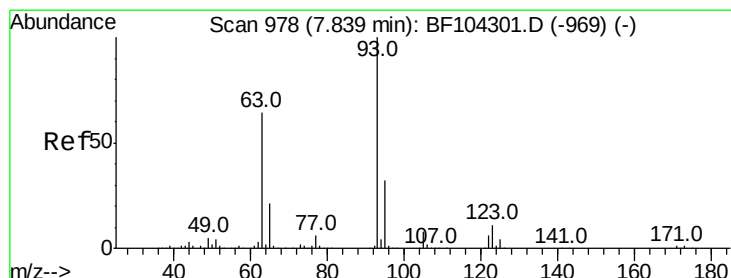
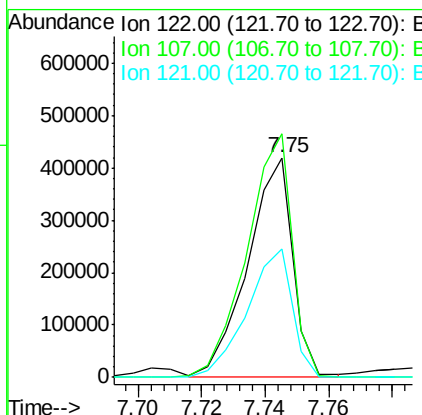
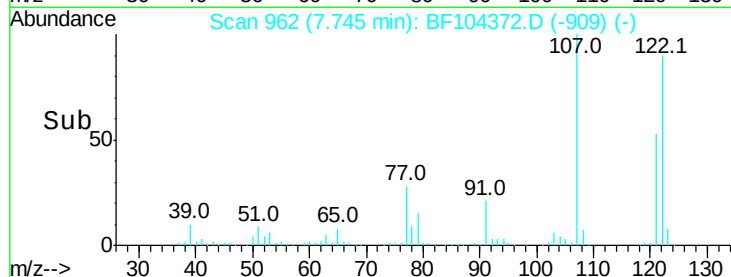
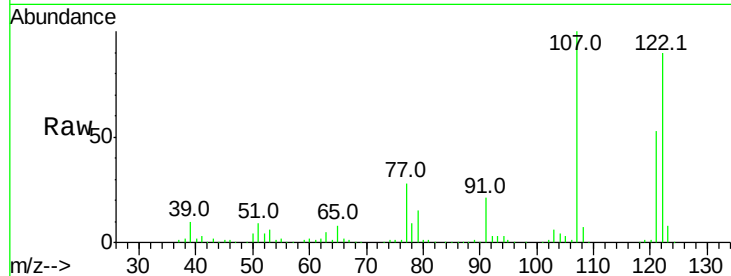




#27
 2,4-Dimethylphenol
 Concen: 50.255 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

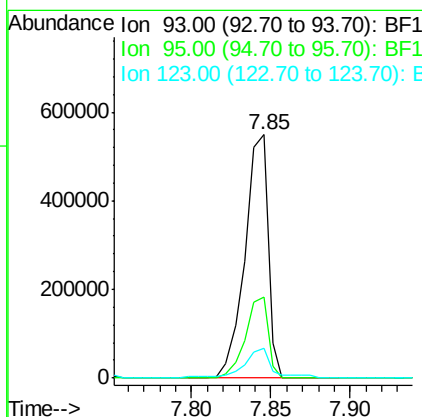
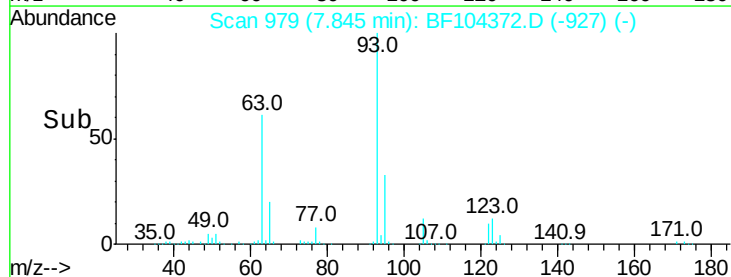
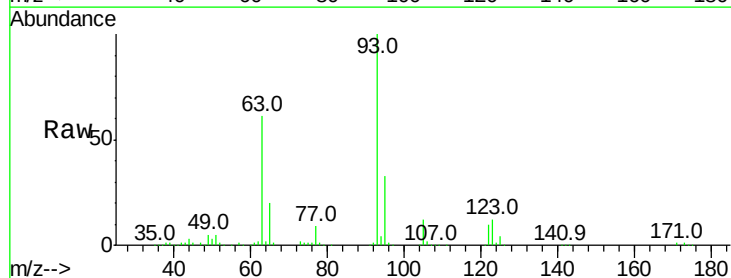
Instrument :
 BNA_F
 ClientSampleId :

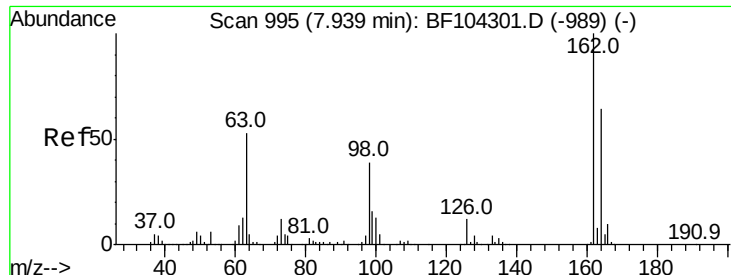
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.2	136.8
121	58.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.789 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.2	9.8	14.6

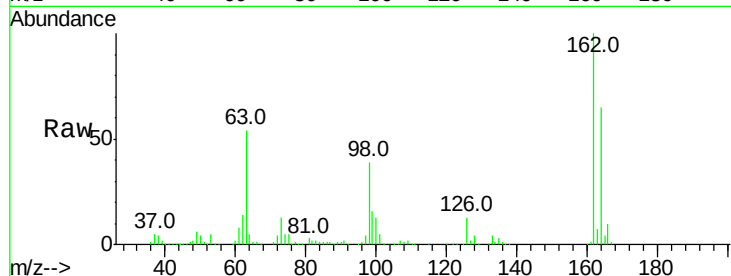




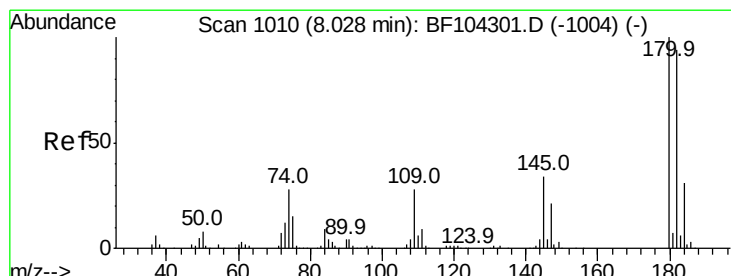
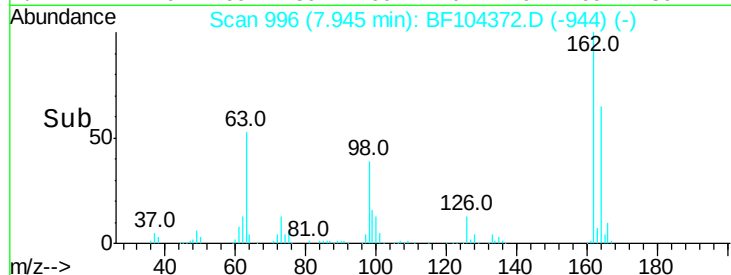
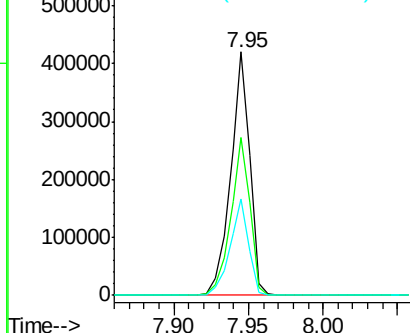
#29
 2,4-Dichlorophenol
 Concen: 48.496 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	39.3	18.1	58.1

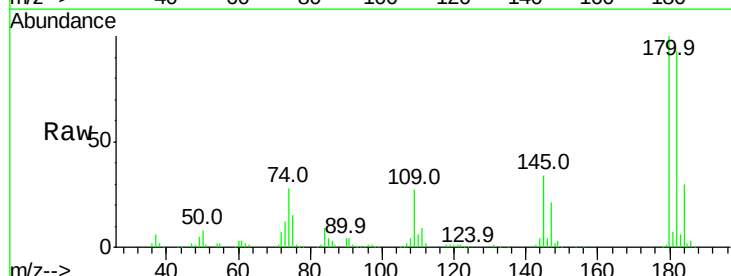


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

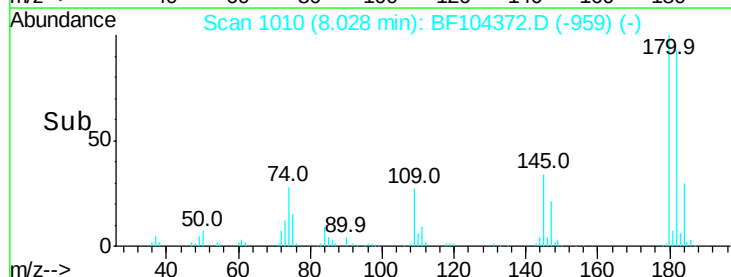
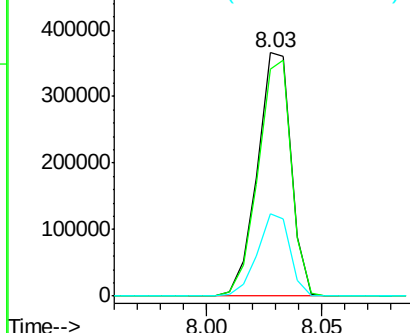


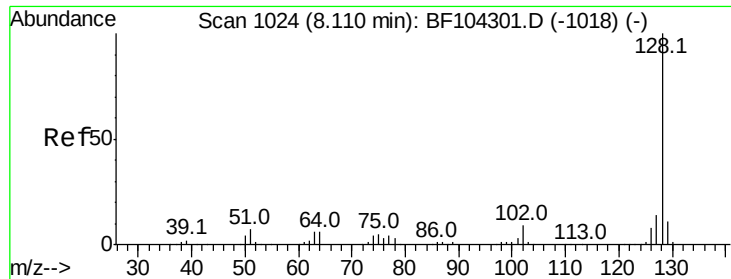
#30
 1,2,4-Trichlorobenzene
 Concen: 43.332 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.8	115.2
145	33.8	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

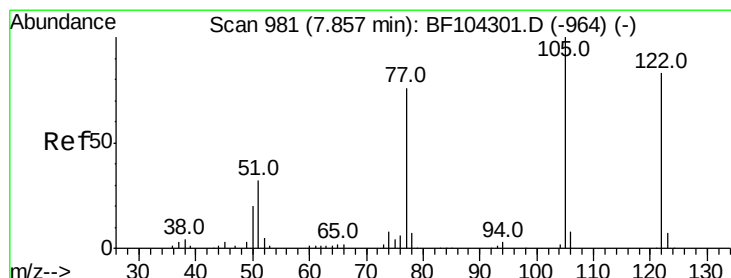
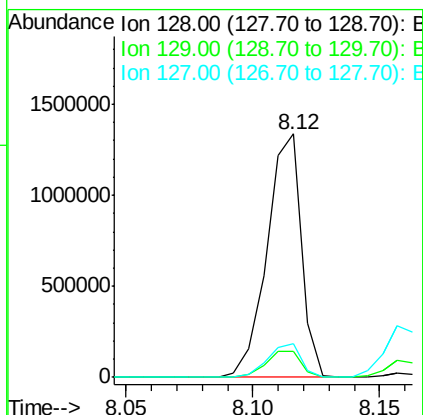
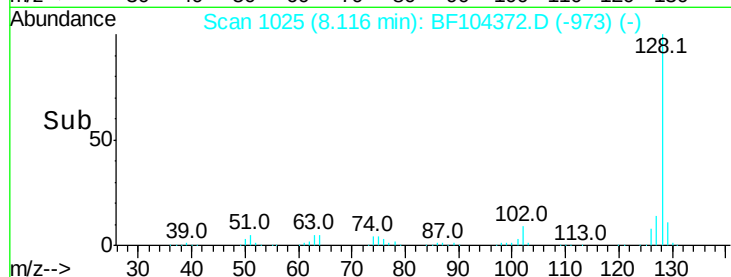
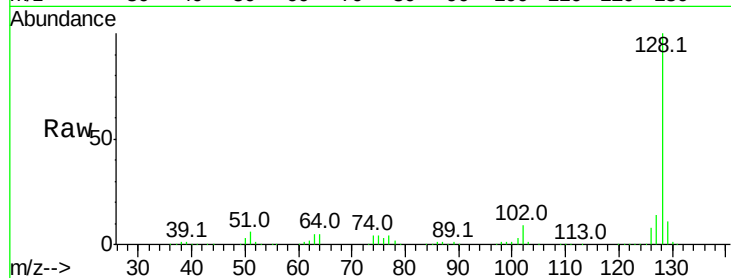




#31
Naphthalene
Concen: 44.267 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

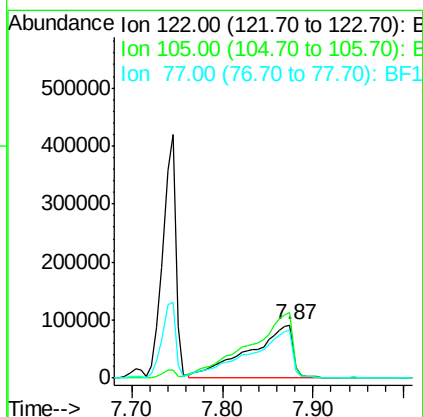
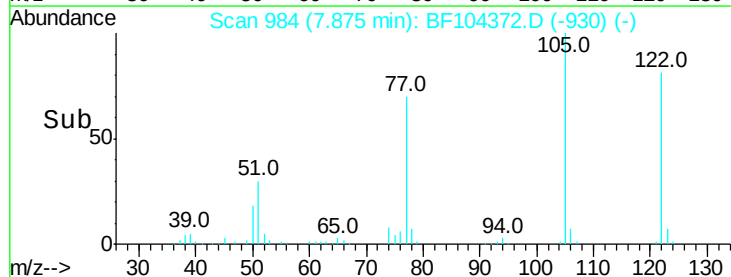
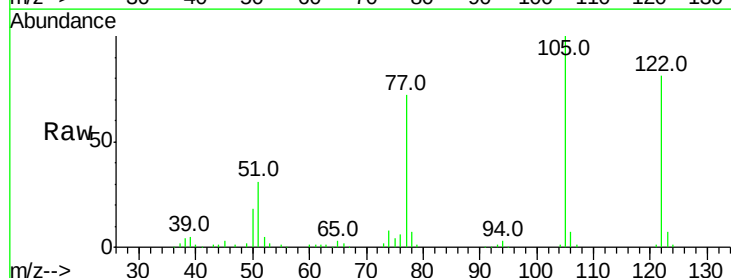
Instrument :
BNA_F
ClientSampleId :

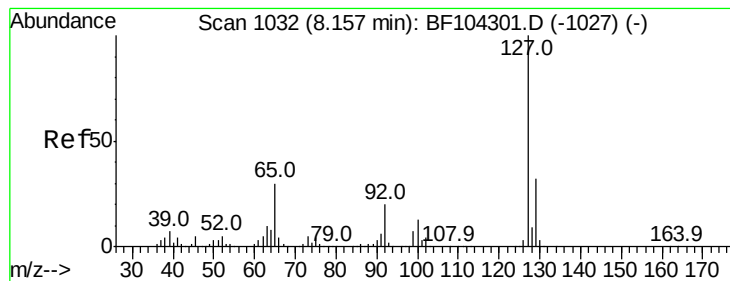
Tot Ion:128 Resp: 1267321
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 46.984 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:122 Resp: 308048
Ion Ratio Lower Upper
122 100
105 123.9 101.1 141.1
77 88.9 70.7 110.7





#33

4-Chloroaniline

Concen: 23.474 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 287904

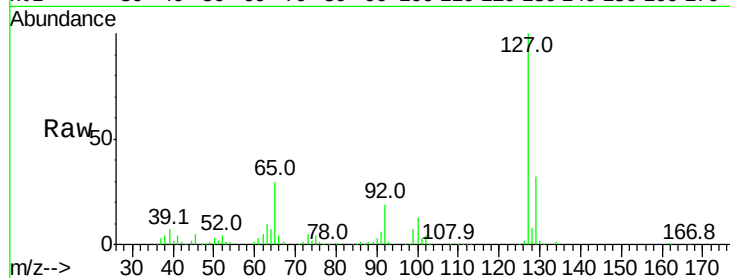
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 30.1 25.0 37.4

92 19.2 15.2 22.8

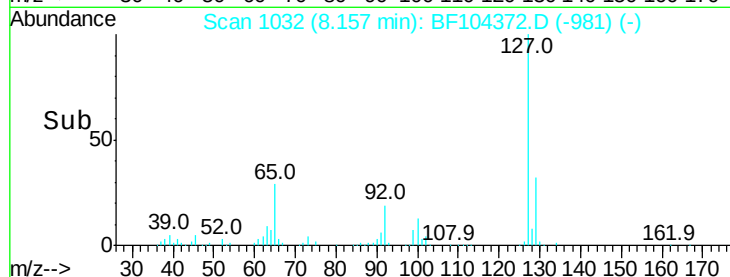


Abundance Ion 127.00 (126.70 to 127.70): E

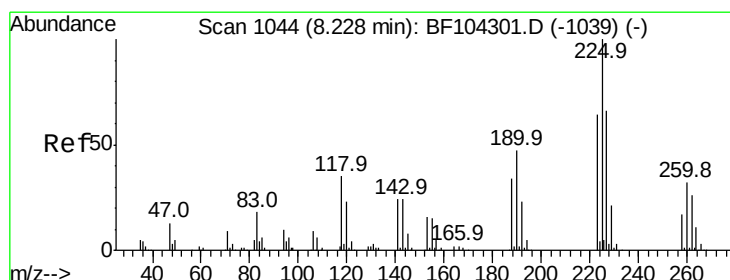
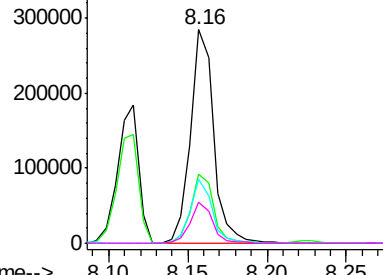
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 41.782 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

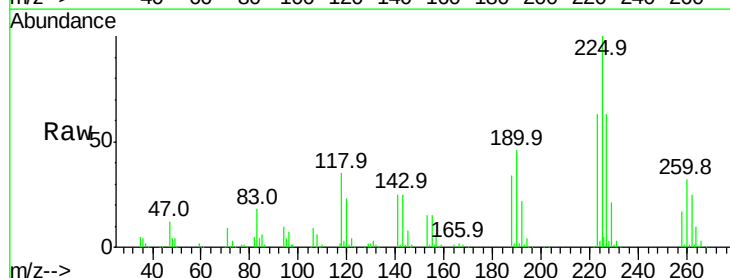
Tgt Ion:225 Resp: 196920

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

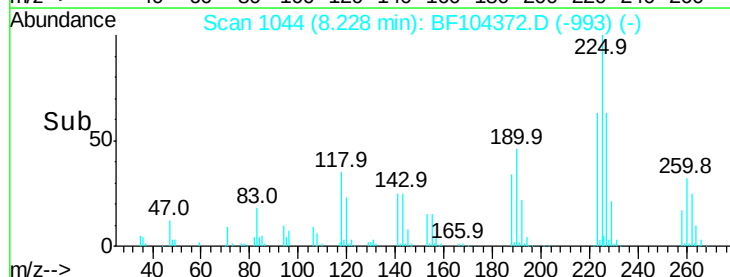
227 63.3 51.9 77.9



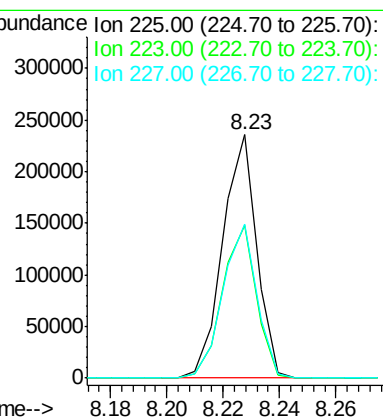
Abundance Ion 225.00 (224.70 to 225.70): E

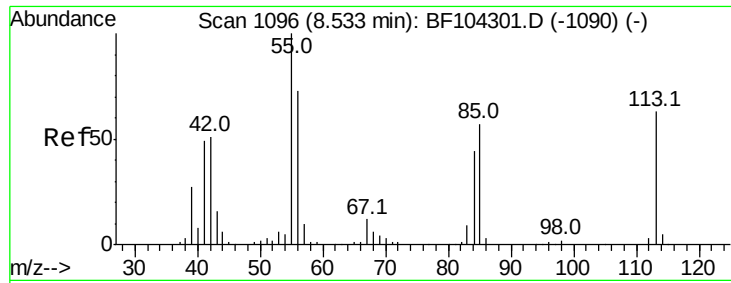
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

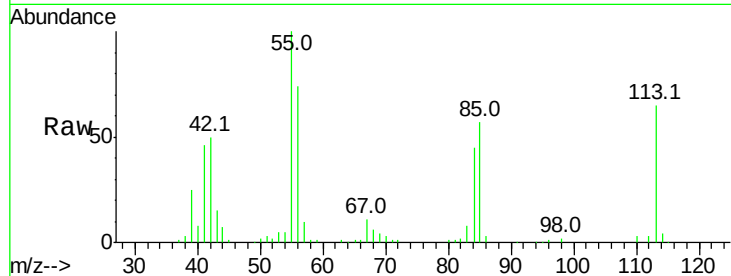




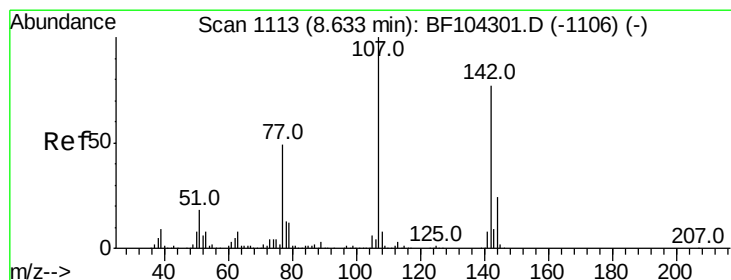
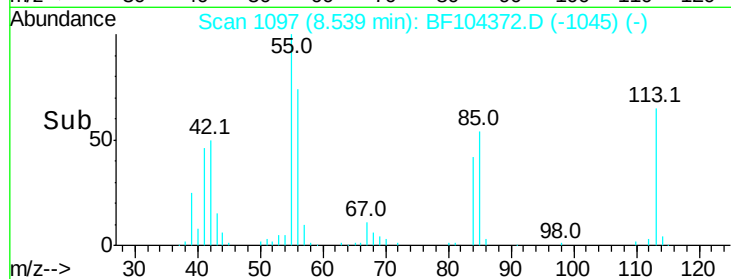
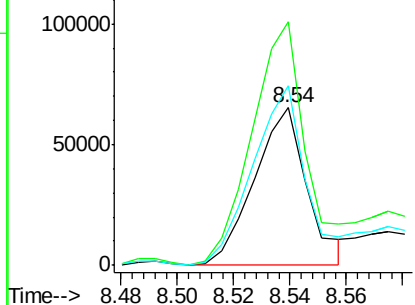
#35
 Caprolactam
 Concen: 30.909 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 84540
 Ion Ratio Lower Upper
 113 100
 55 154.5 163.3 203.3#
 56 114.3 115.7 155.7#

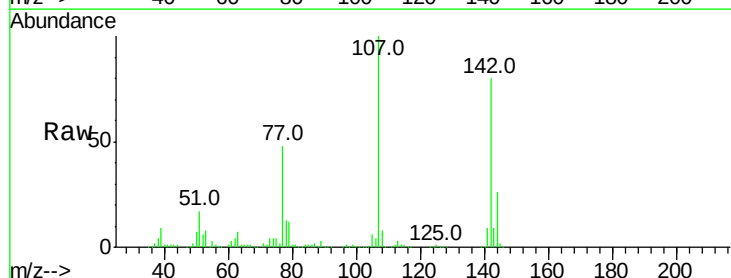


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

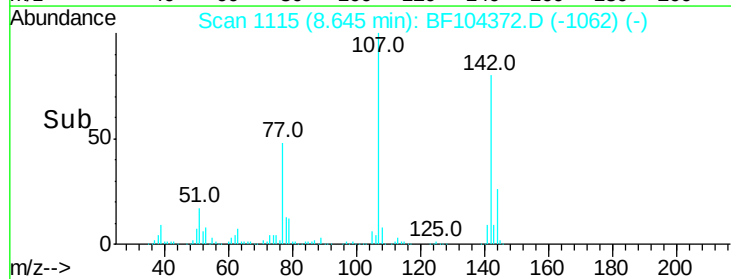
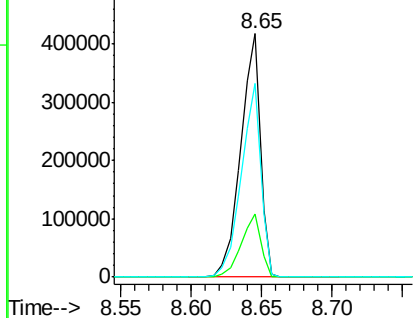


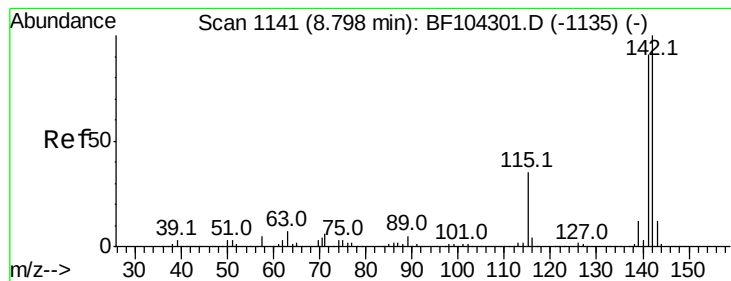
#36
 4-Chloro-3-methylphenol
 Concen: 48.367 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:107 Resp: 406624
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.7 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

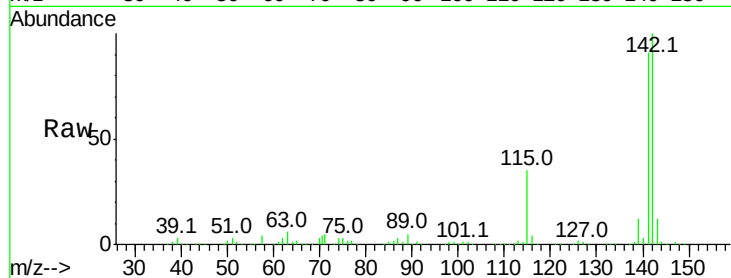




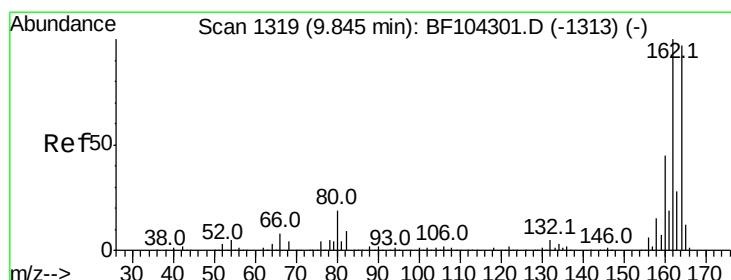
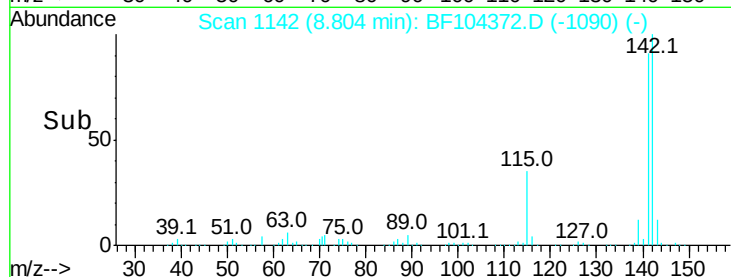
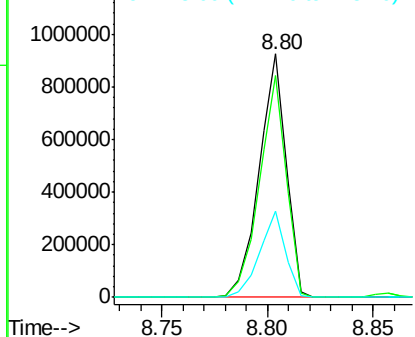
#37
2-Methylnaphthalene
Concen: 44.551 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 825013
Ion Ratio Lower Upper
142 100
141 91.2 70.8 106.2
115 35.2 26.1 39.1

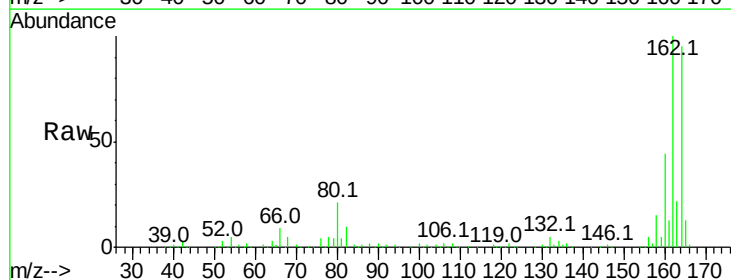


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

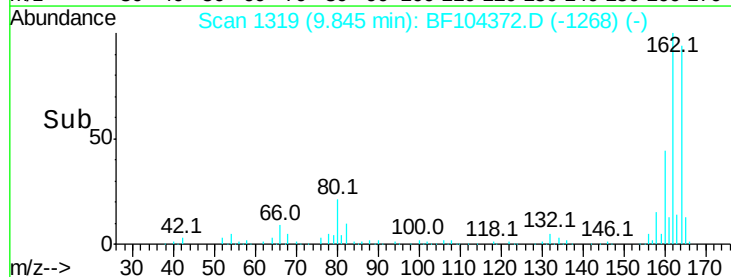
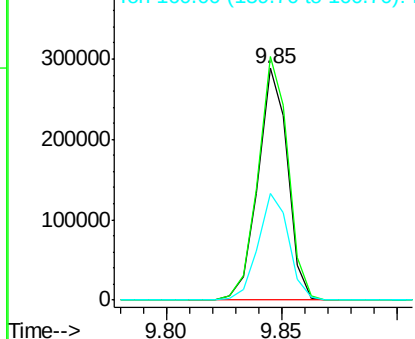


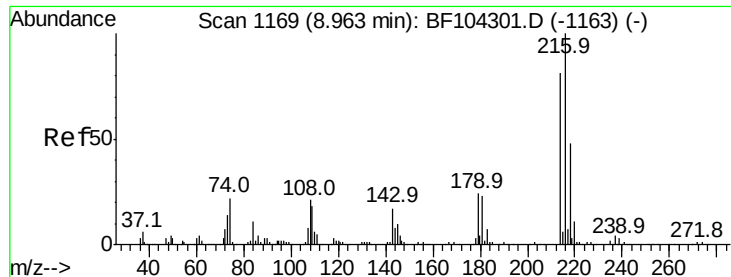
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:164 Resp: 258120
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.606 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 344369

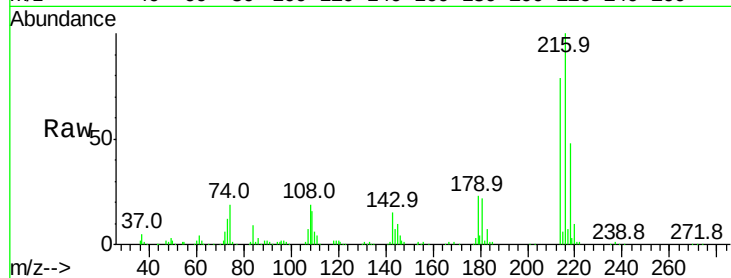
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.7 18.1 27.1

108 21.7 17.2 25.8

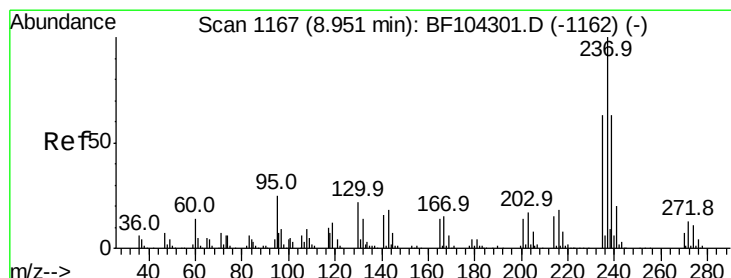
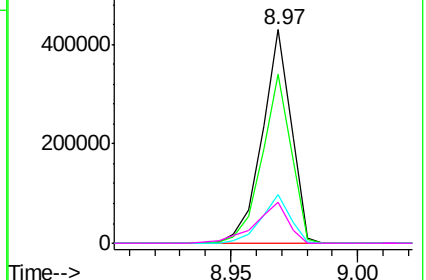
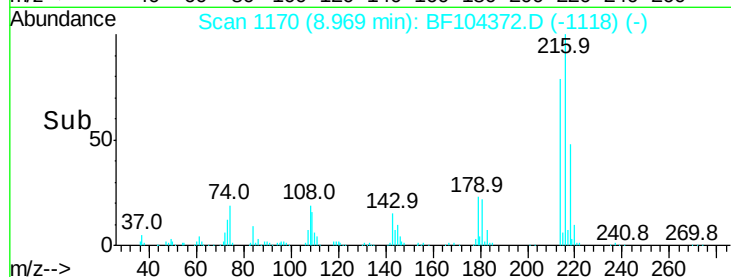


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.009 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

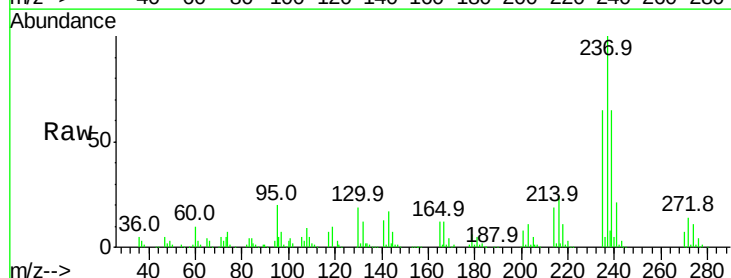
Tgt Ion:237 Resp: 277187

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

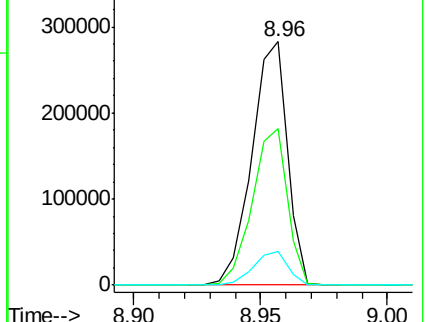
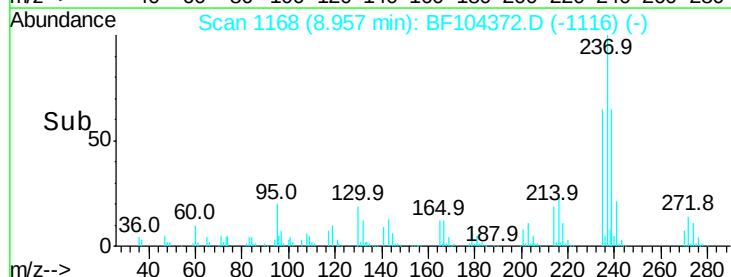
272 13.6 0.0 33.3

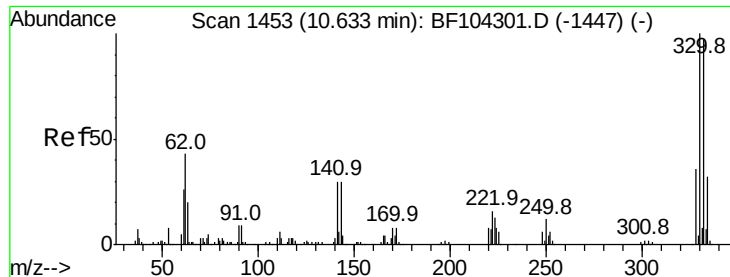


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

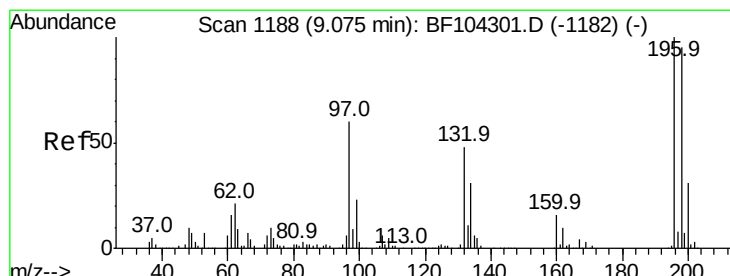
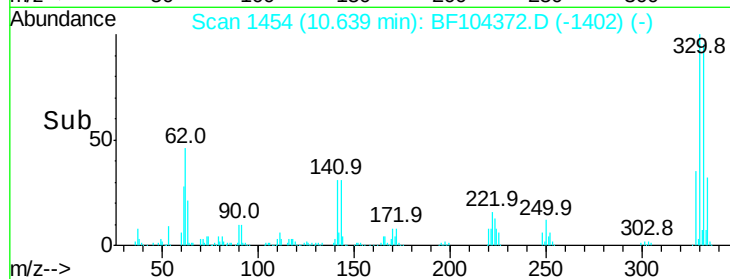
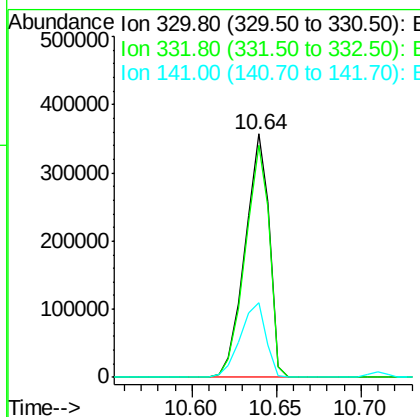
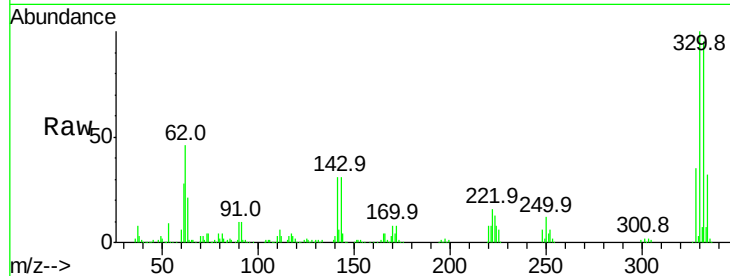




#41
 2,4,6-Tribromophenol
 Concen: 133.751 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

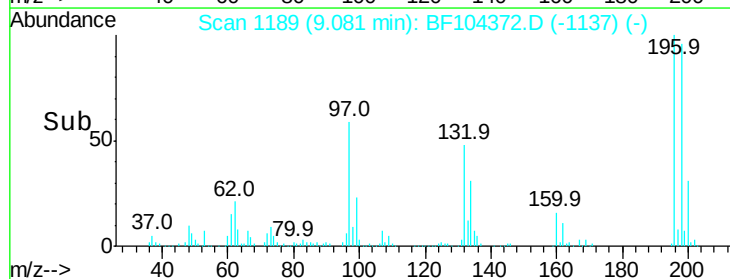
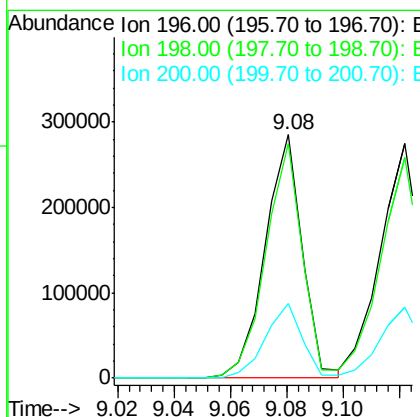
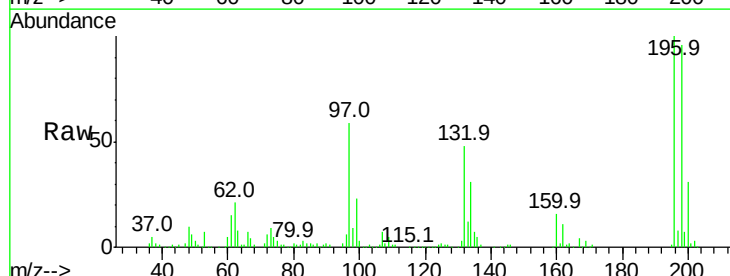
Instrument :
 BNA_F
 ClientSampled :

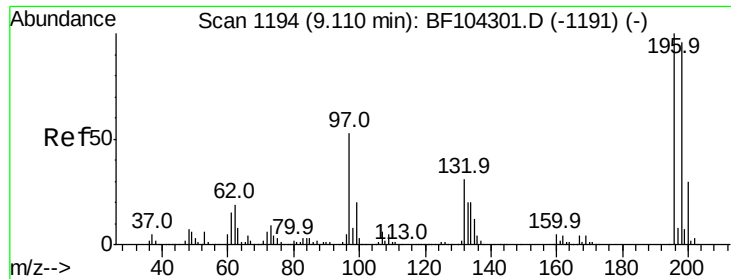
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 50.701 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	30.8	24.5	36.7

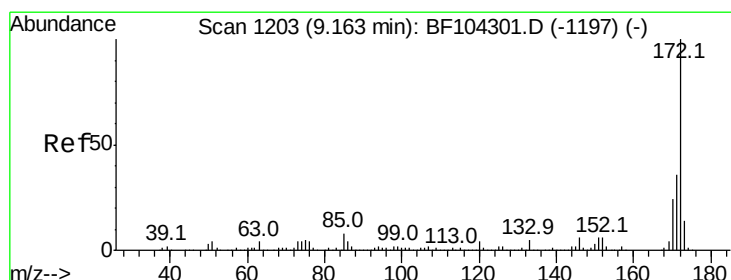
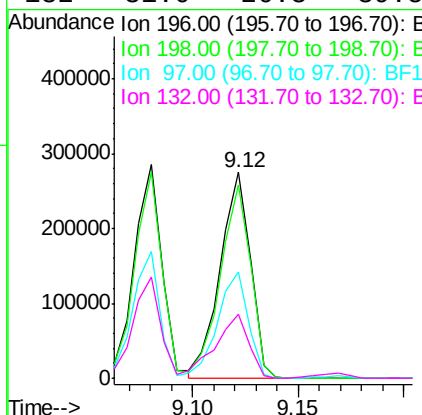
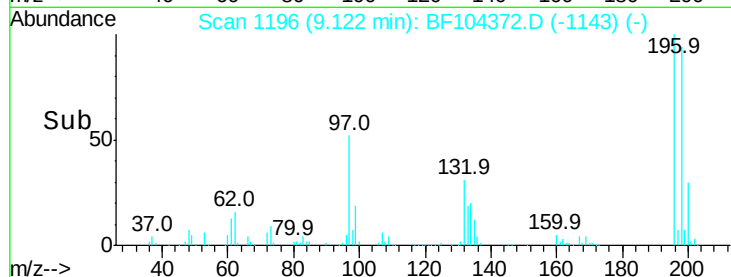
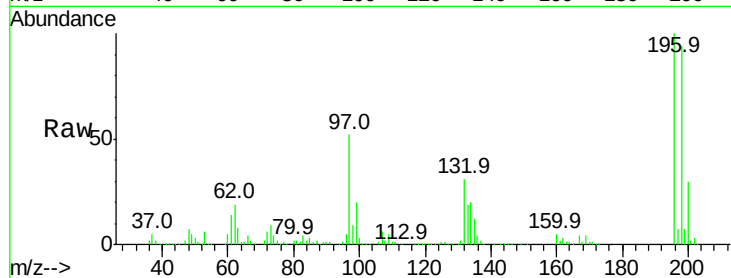




#43
 2,4,5-Trichlorophenol
 Concen: 47.695 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

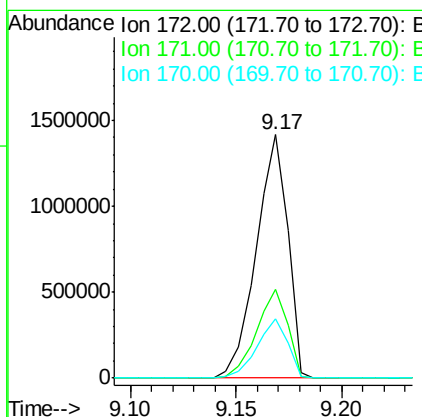
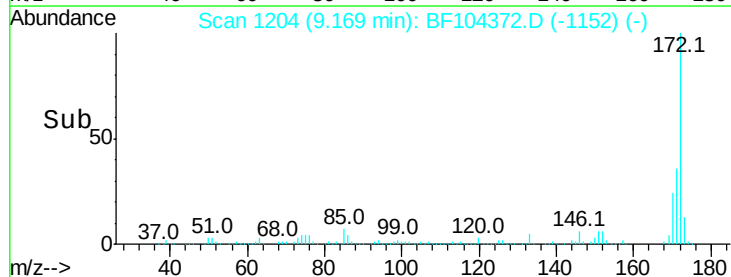
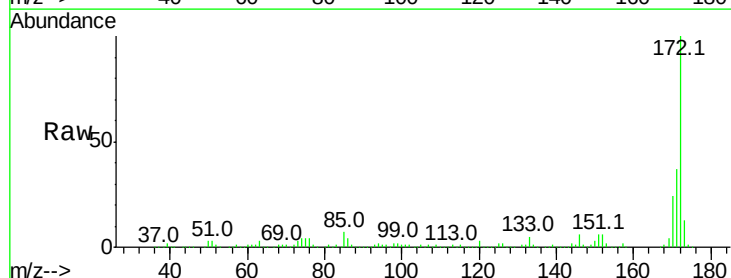
Instrument :
 BNA_F
 ClientSampled :

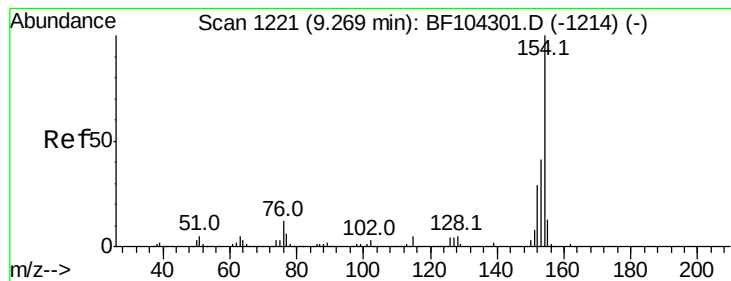
Tot Ion:	196	Resp:	273761
Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	51.8	42.9	64.3
132	31.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 89.491 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:	172	Resp:	1462223
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

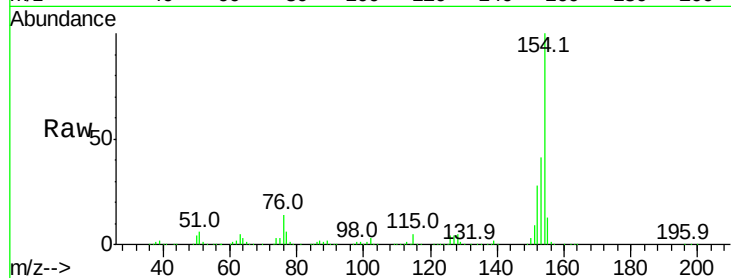




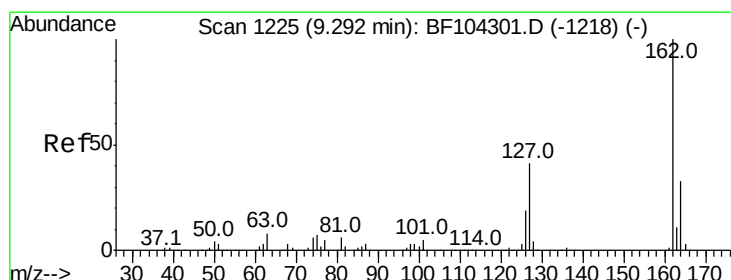
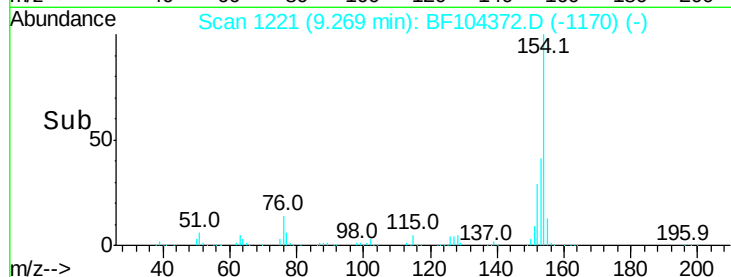
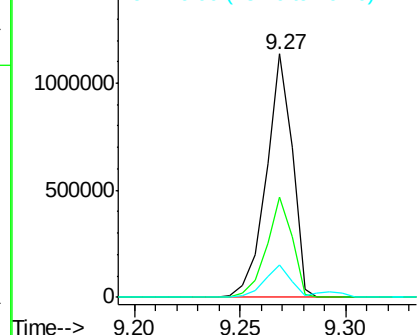
#45
 1,1'-Biphenyl
 Concen: 44.900 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	13.6	0.0	34.0

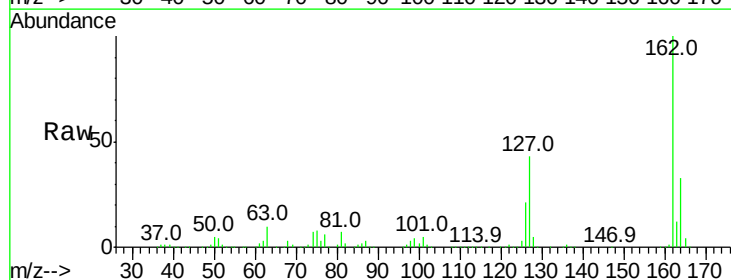


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

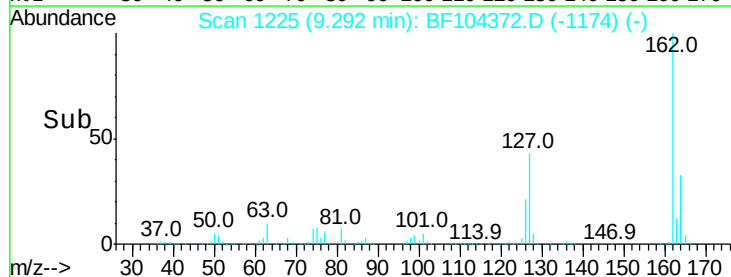
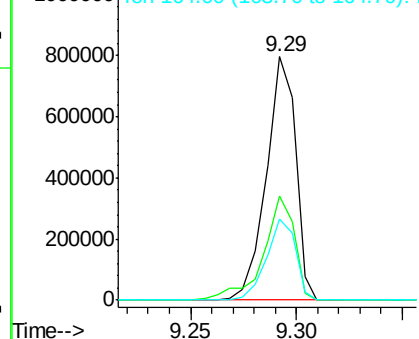


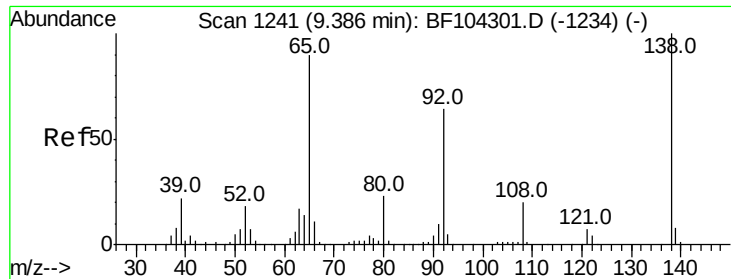
#46
 2-Chloronaphthalene
 Concen: 44.785 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.9	50.9
164	33.1	26.5	39.7



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

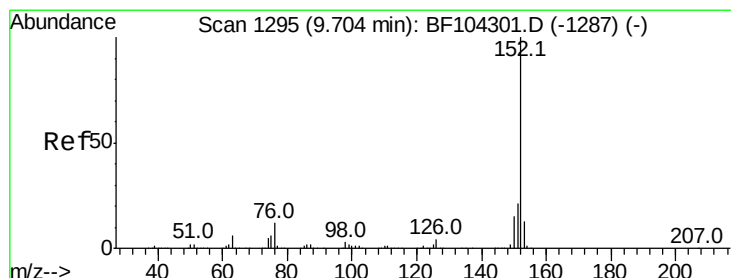
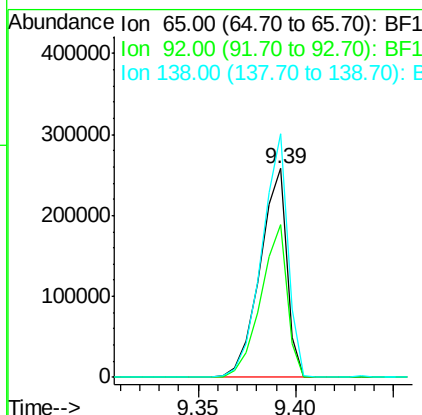
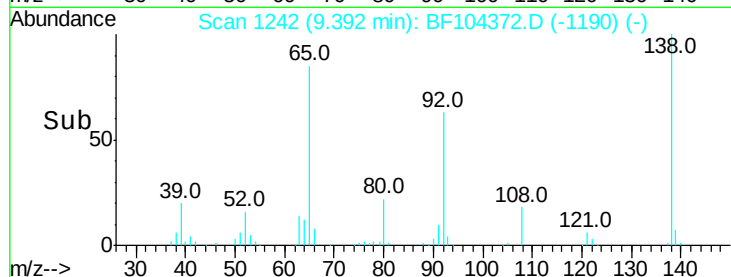
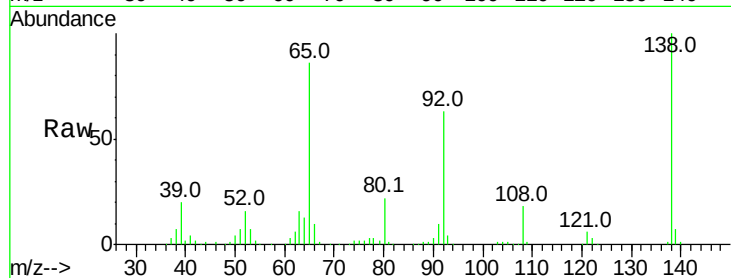




#47
 2-Nitroaniline
 Concen: 58.198 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

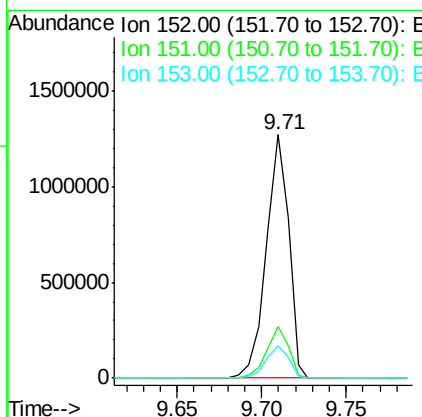
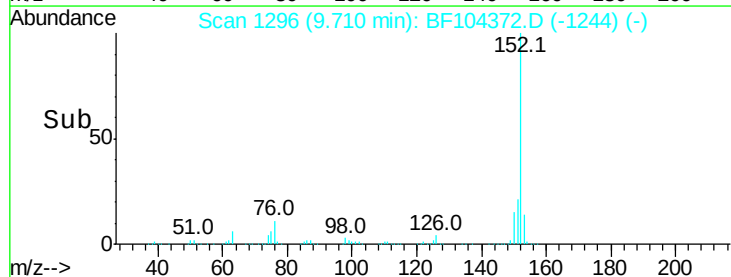
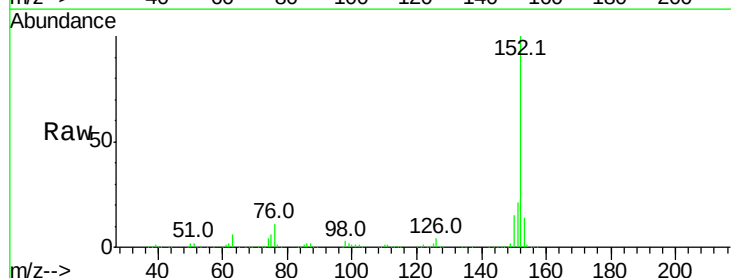
Instrument :
 BNA_F
 ClientSampleId :

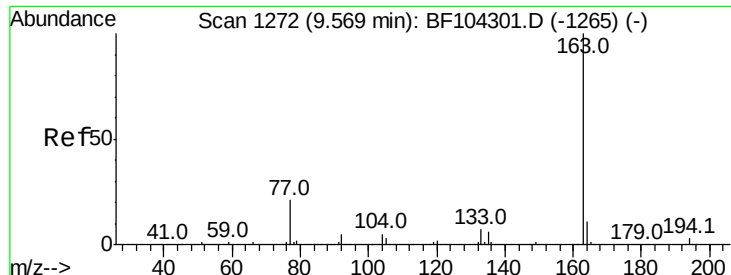
Tot Ion: 65 Resp: 246504
 Ion Ratio Lower Upper
 65 100
 92 72.9 55.8 83.6
 138 116.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 43.542 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:152 Resp: 1170096
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.5 10.7 16.1

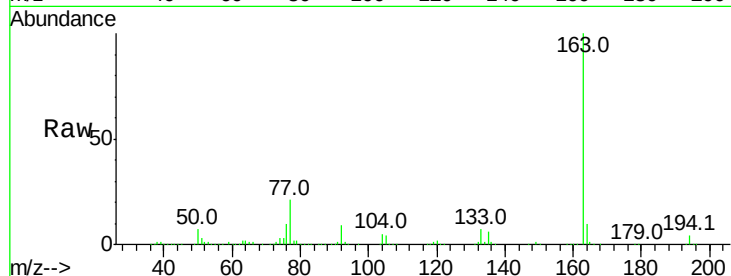




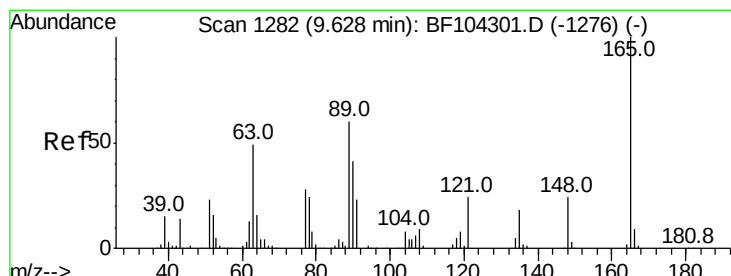
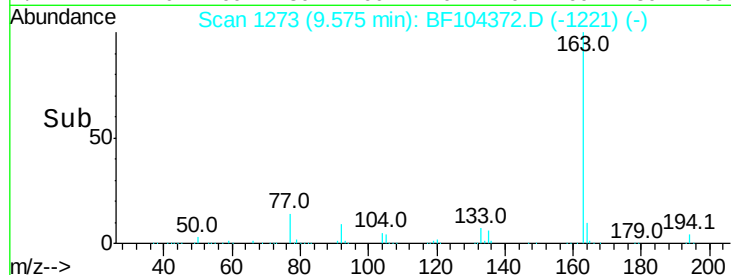
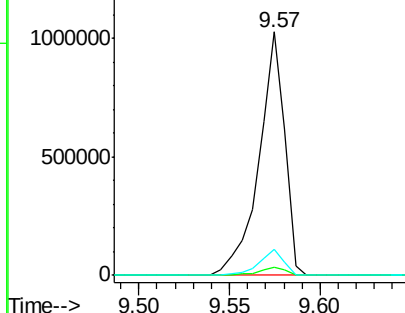
#49
Dimethylphthalate
Concen: 49.869 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1015063
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

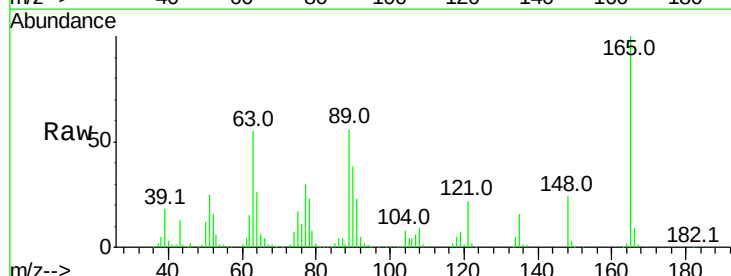


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

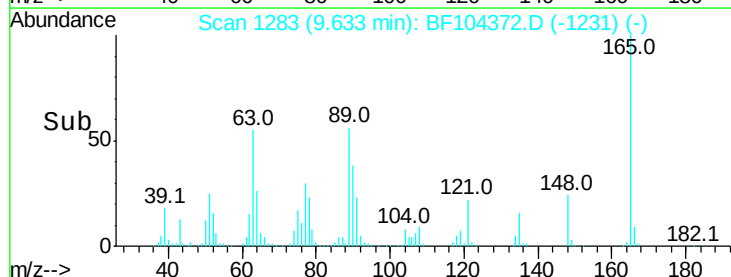
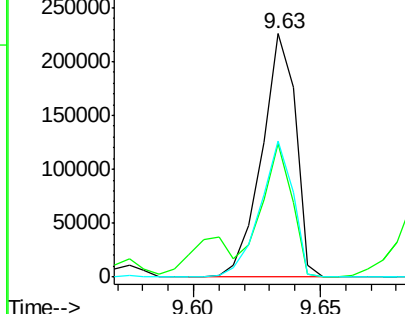


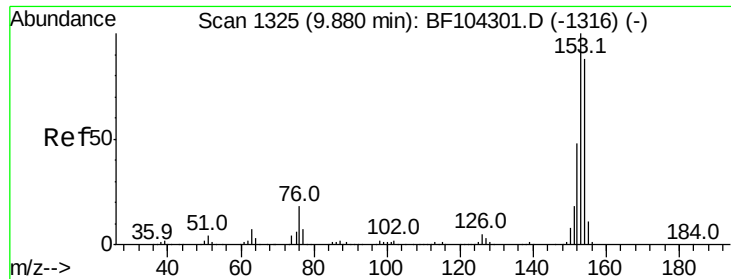
#50
2,6-Dinitrotoluene
Concen: 56.110 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:165 Resp: 211334
Ion Ratio Lower Upper
165 100
63 54.8 44.7 67.1
89 55.6 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: 42.808 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampled :

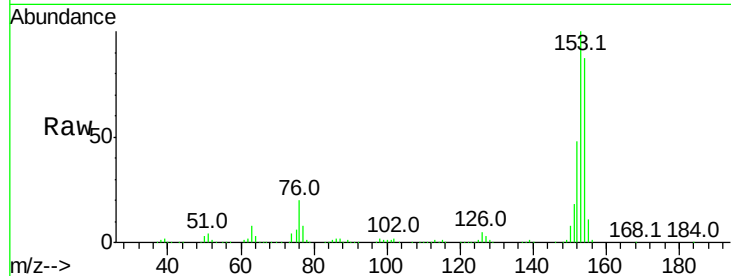
Tot Ion:154 Resp: 701880

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

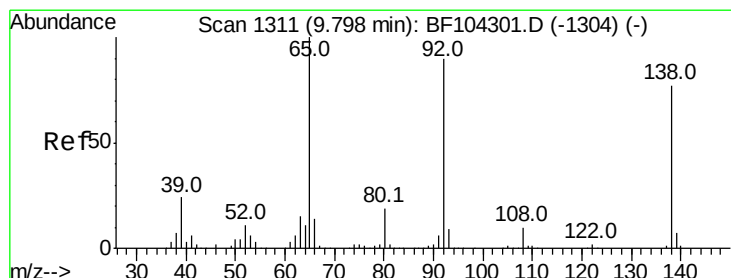
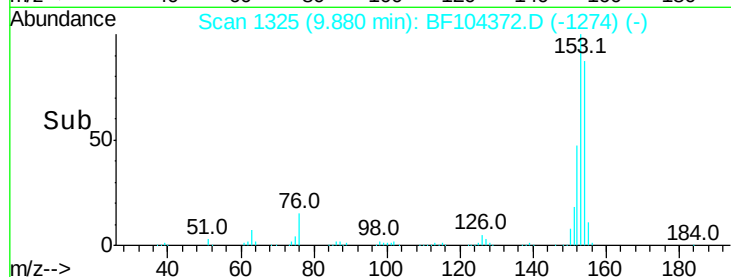
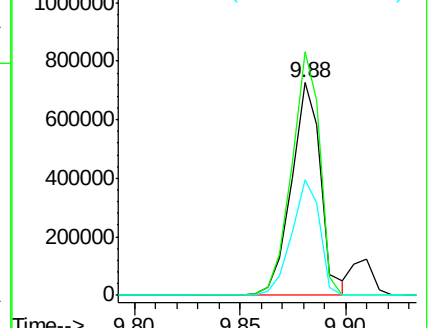
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.061 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

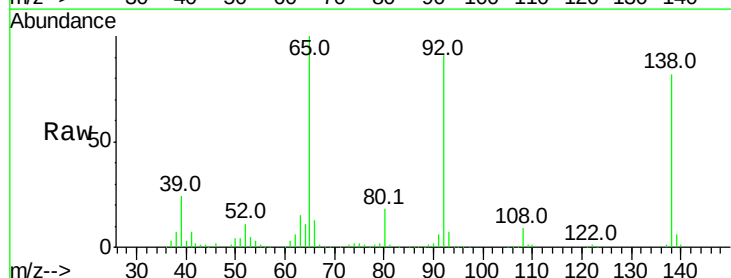
Tgt Ion:138 Resp: 150189

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

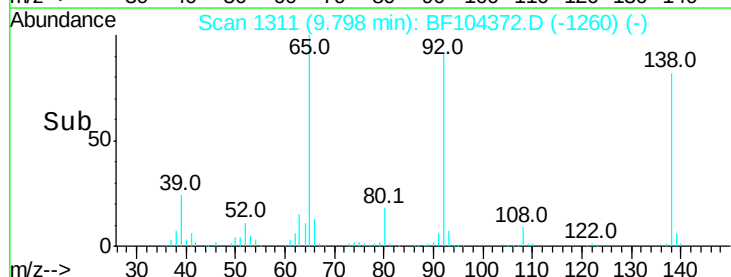
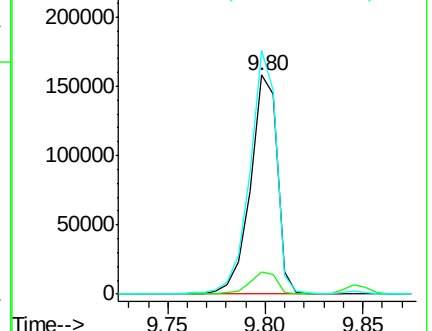
92 111.3 89.4 134.2

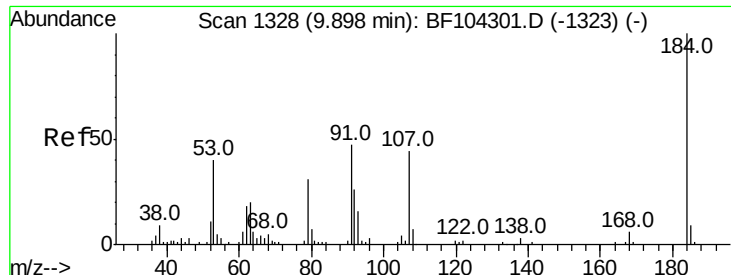


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

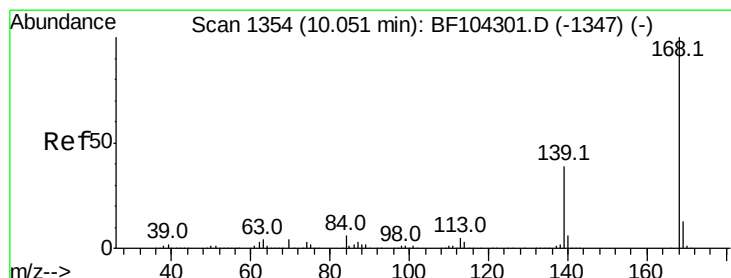
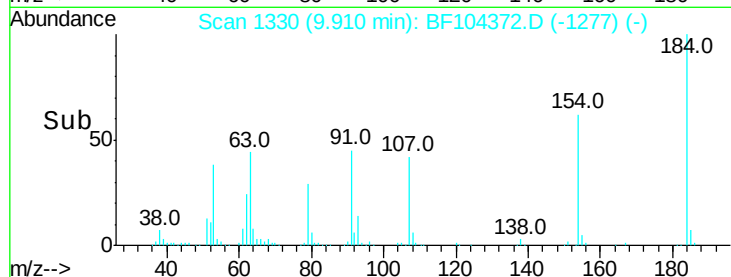
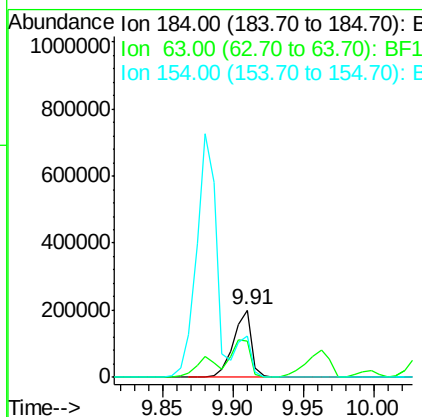
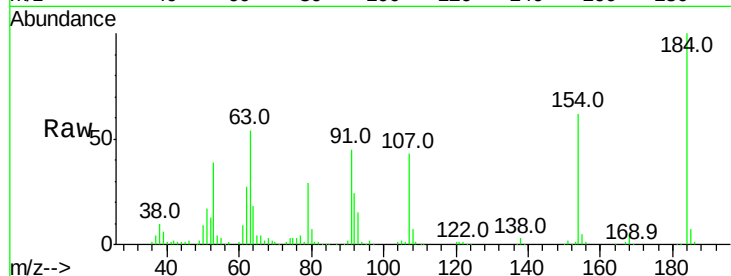




#53
 2,4-Dinitrophenol
 Concen: 100.987 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

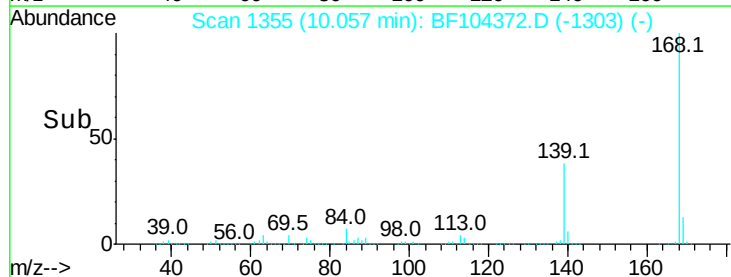
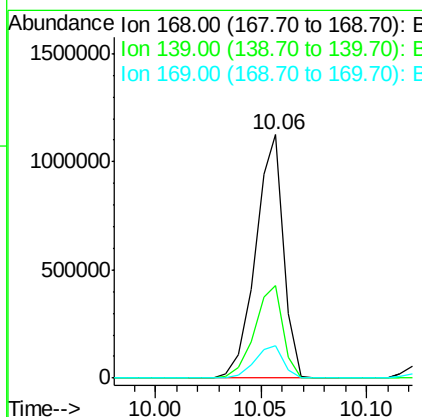
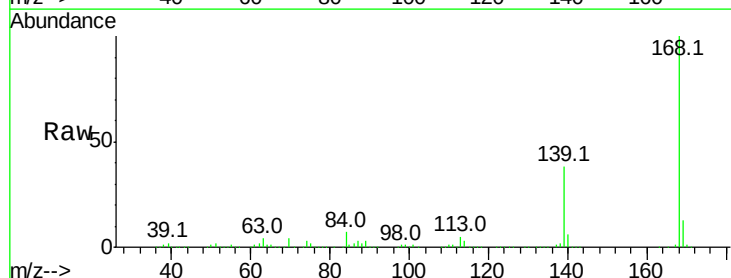
Instrument :
 BNA_F
 ClientSampled :

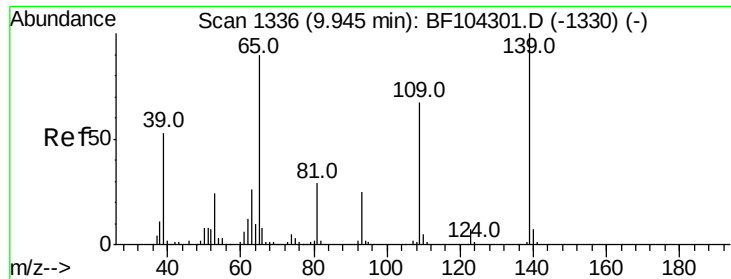
Tot Ion:184 Resp: 176970
 Ion Ratio Lower Upper
 184 100
 63 54.0 54.2 81.2#
 154 61.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.099 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:168 Resp: 1030492
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 13.2 10.9 16.3

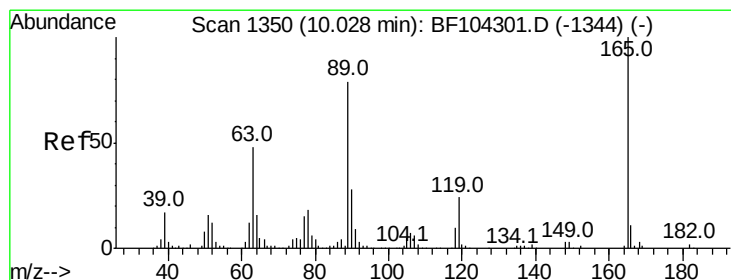
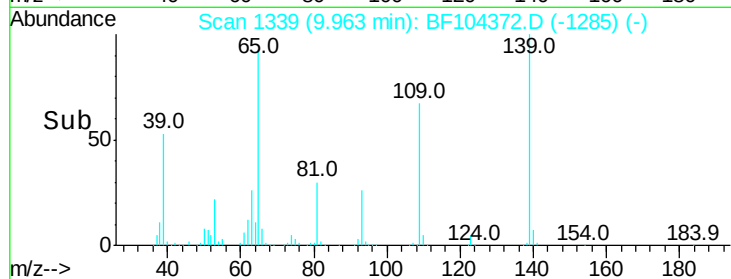
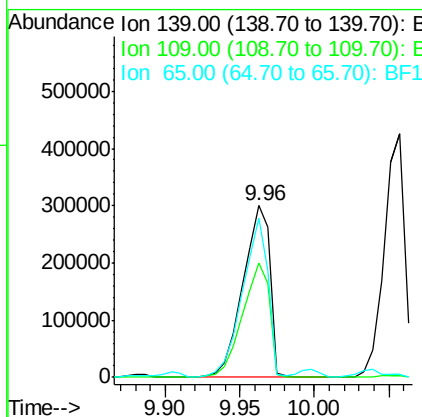
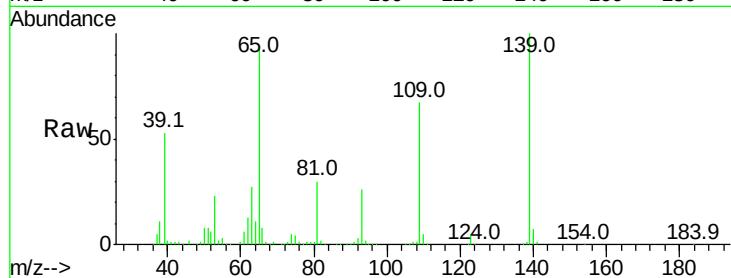




#55
4-Nitrophenol
Concen: 108.699 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

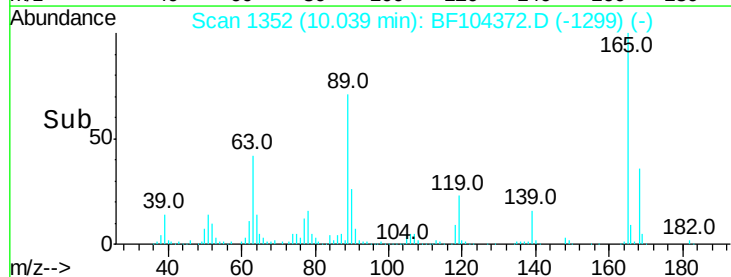
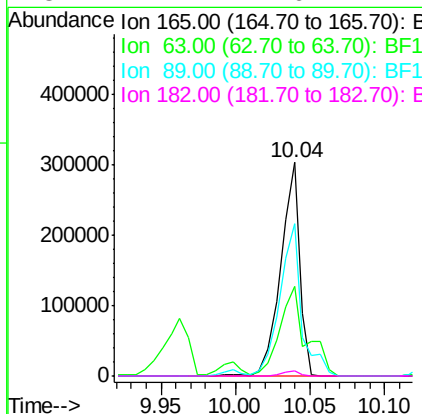
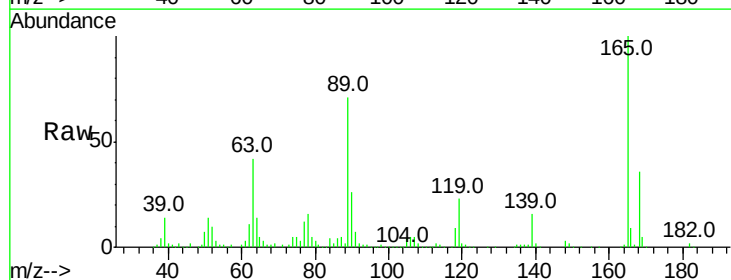
Instrument :
BNA_F
ClientSampleId :

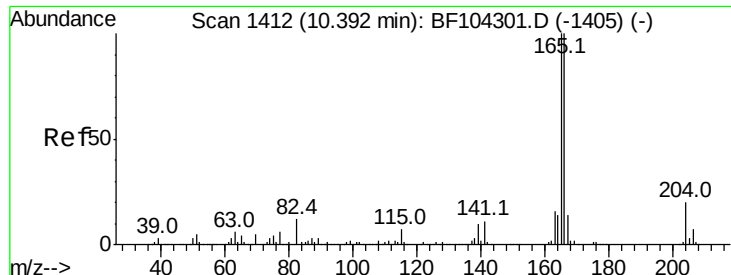
Tot Ion:139 Resp: 376500
Ion Ratio Lower Upper
139 100
109 67.0 48.4 88.4
65 92.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.359 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:165 Resp: 273498
Ion Ratio Lower Upper
165 100
63 41.8 36.4 54.6
89 71.0 57.8 86.6
182 2.4 1.6 2.4

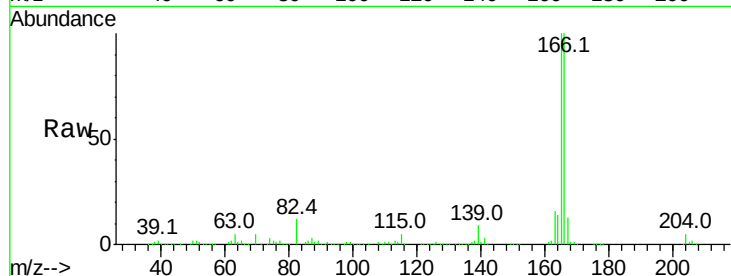




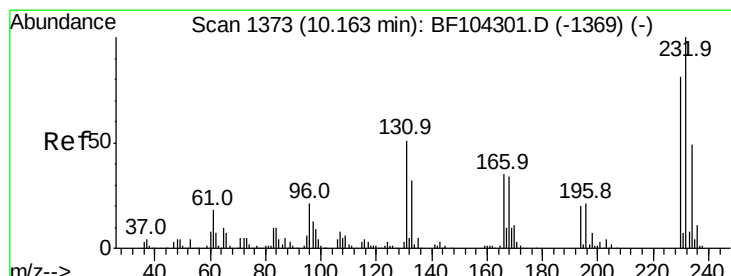
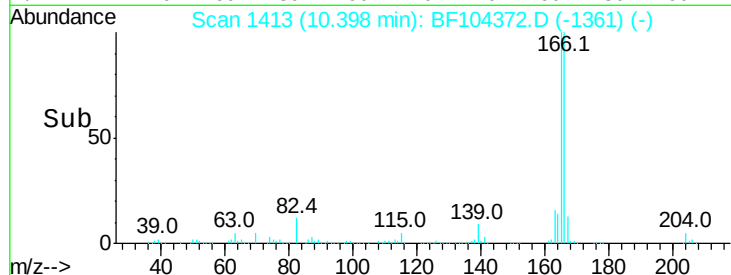
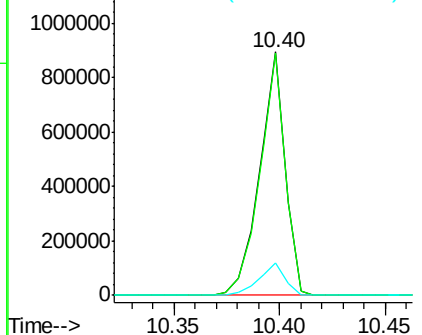
#57
 Fluorene
 Concen: 45.158 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.3	10.6	16.0



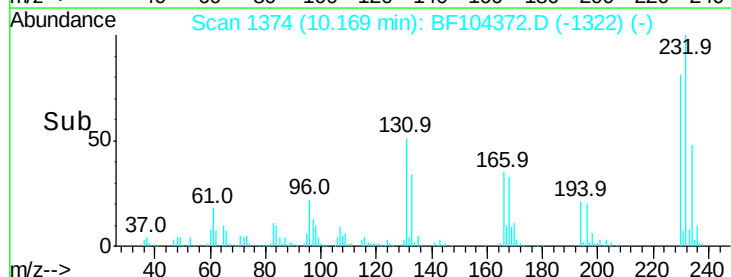
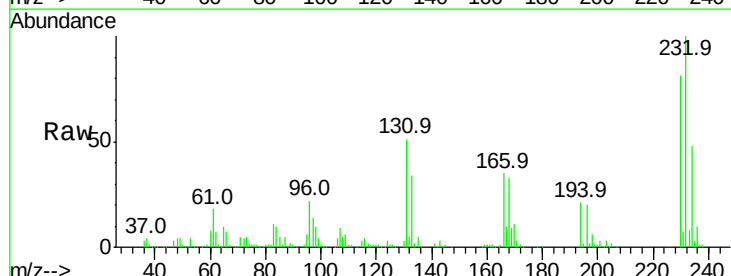
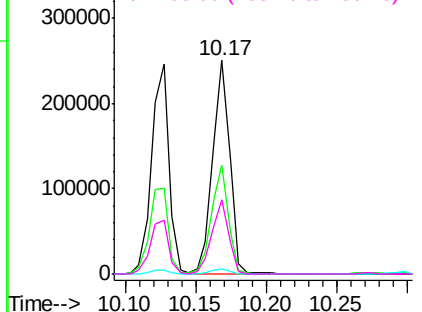
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

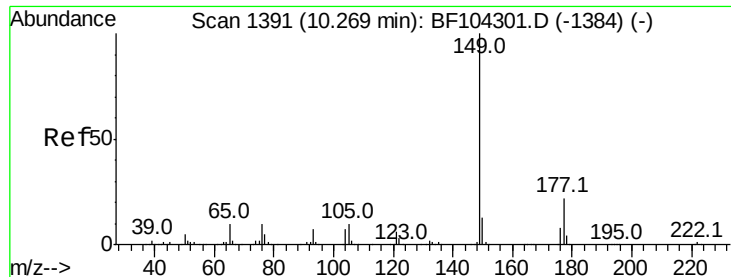


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.726 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.5	2.1	3.1
166	33.9	27.8	41.6

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

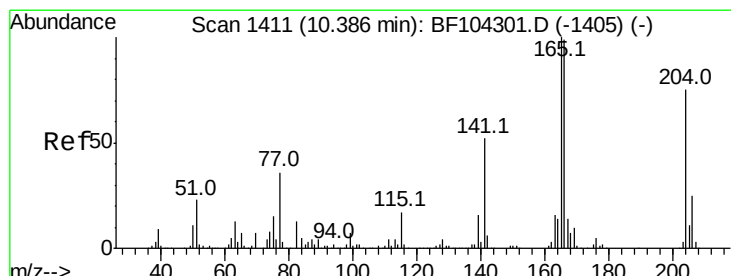
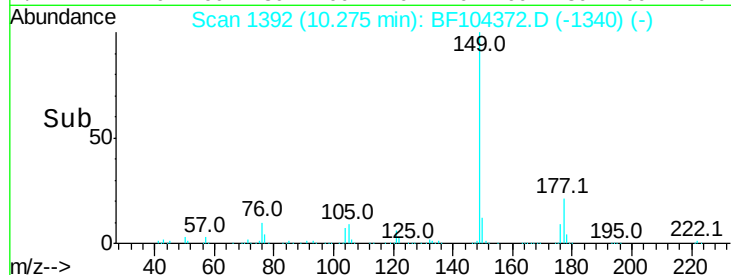
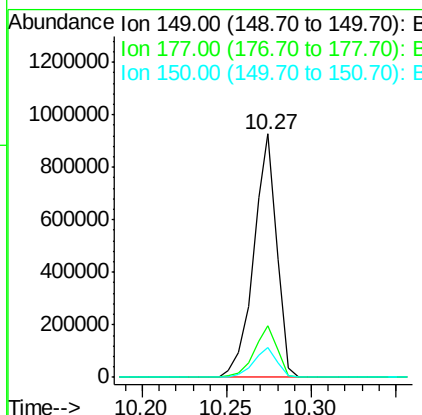
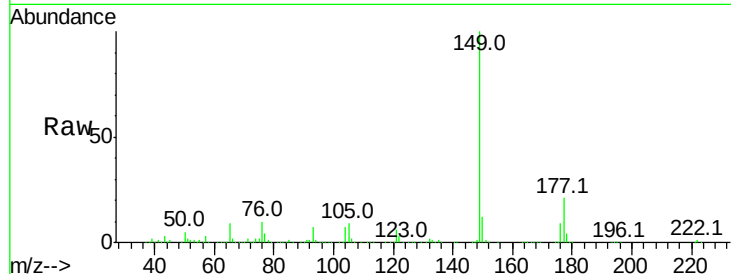




#59
Diethylphthalate
Concen: 43.413 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

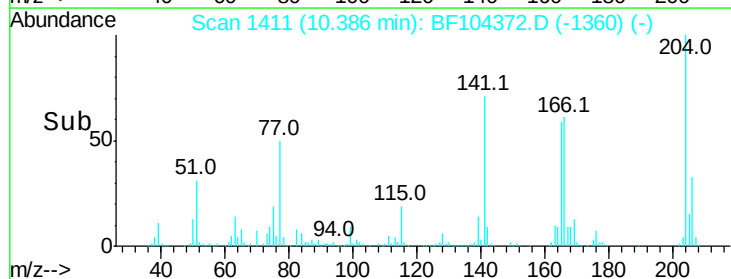
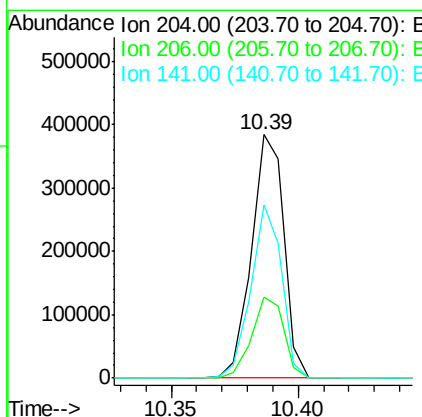
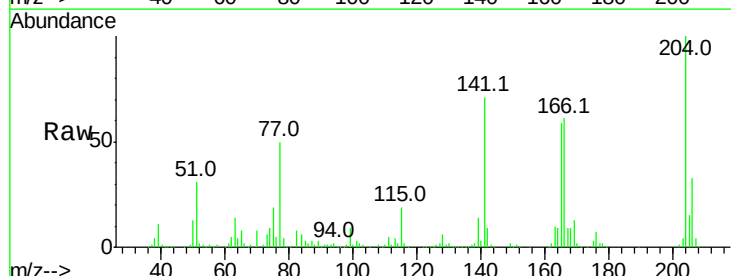
Instrument :
BNA_F
ClientSampleId :

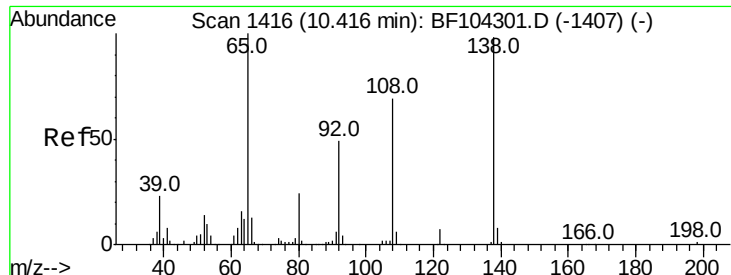
Tot Ion:149 Resp: 880058
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:204 Resp: 340687
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 71.4 54.6 81.8

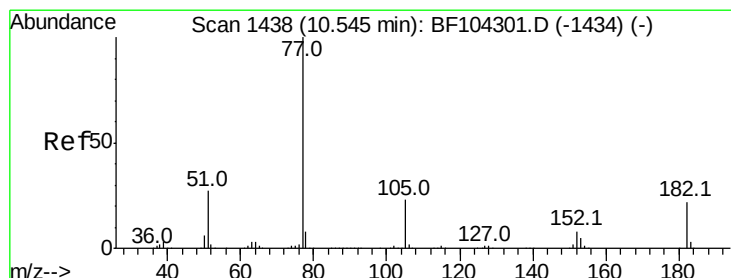
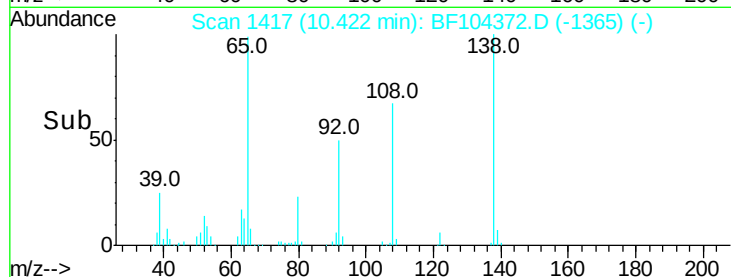
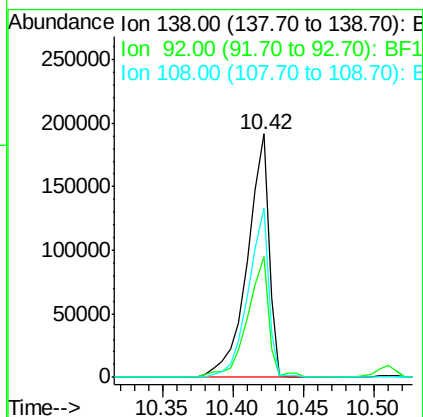
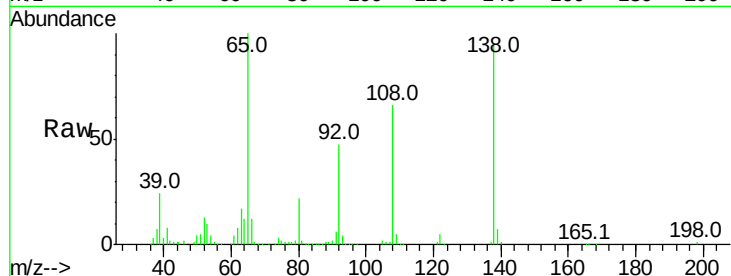




#61
4-Nitroaniline
Concen: 47.800 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

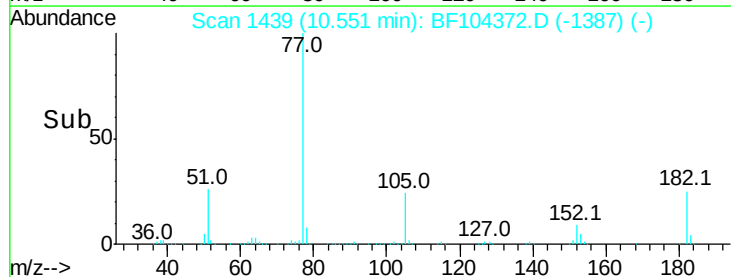
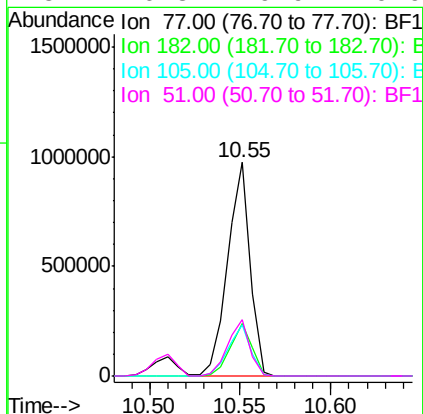
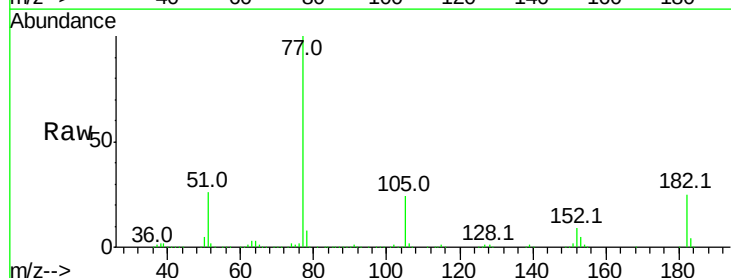
Instrument :
BNA_F
ClientSampleId :

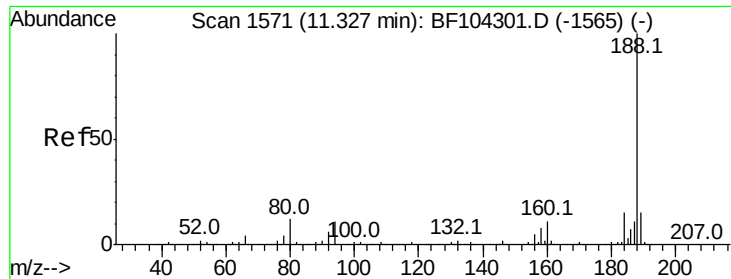
Tot Ion:138 Resp: 206084
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 69.4 52.5 92.5



#62
Azobenzene
Concen: 43.381 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion: 77 Resp: 840176
Ion Ratio Lower Upper
77 100
182 24.8 1.7 41.7
105 23.8 3.0 43.0
51 26.3 9.9 49.9

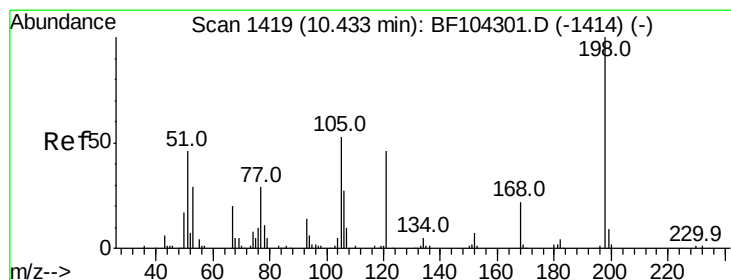
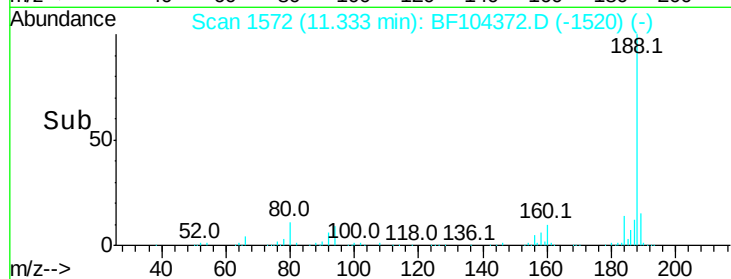
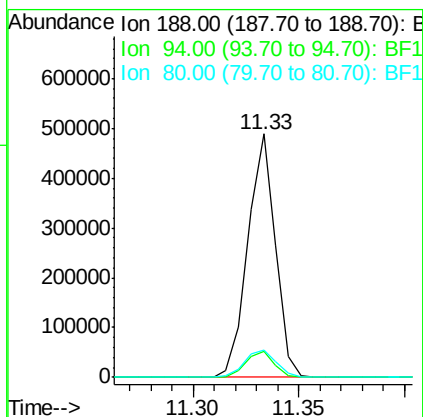
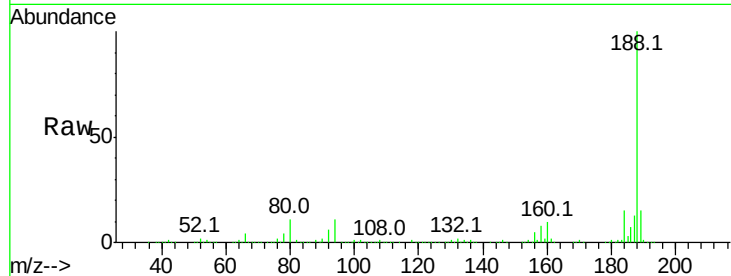




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

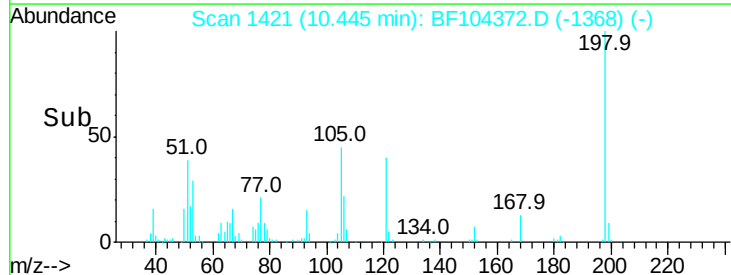
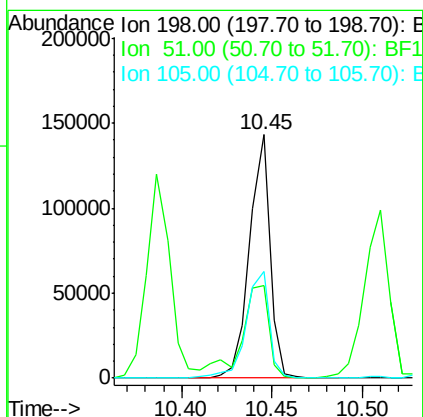
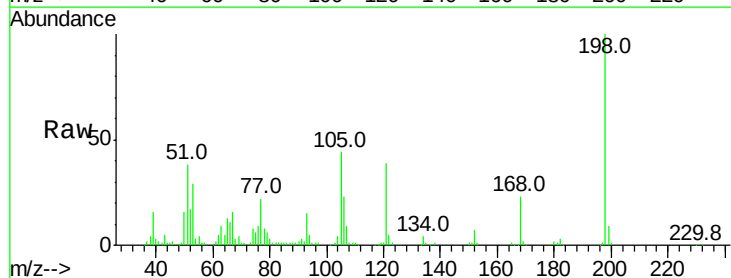
Instrument :
BNA_F
ClientSampleId :

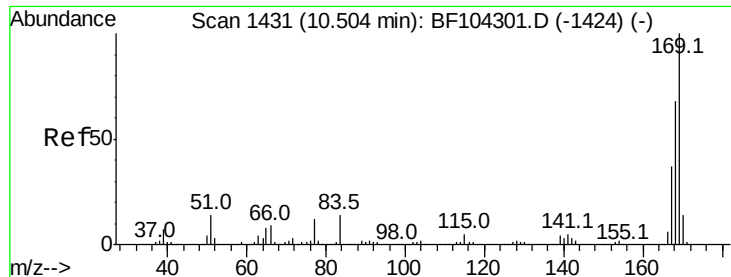
Tot Ion:188 Resp: 443077
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.796 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:198 Resp: 113250
Ion Ratio Lower Upper
198 100
51 38.2 37.7 77.7
105 44.0 36.3 76.3

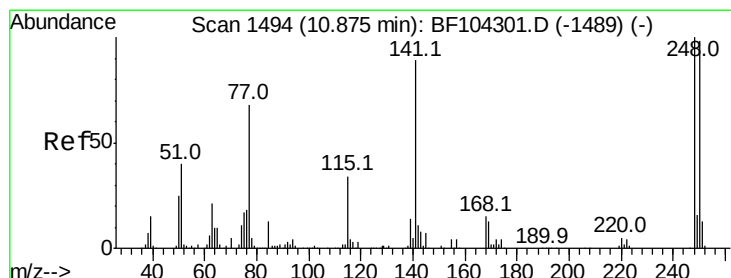
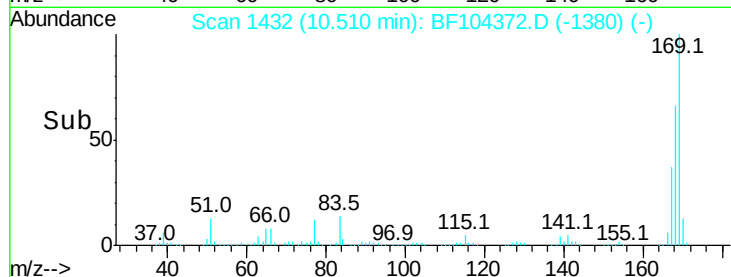
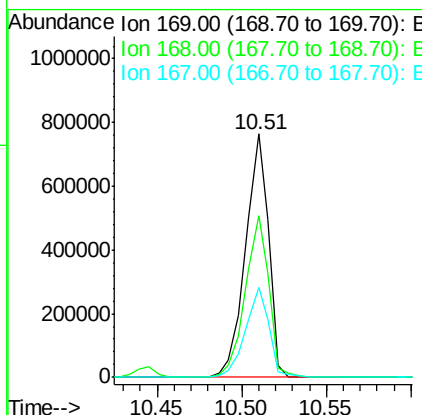
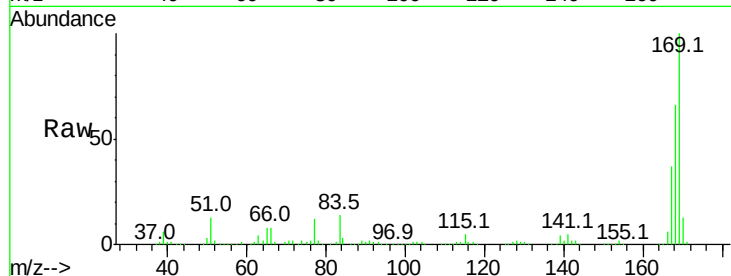




#65
 n-Nitrosodiphenylamine
 Concen: 47.547 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

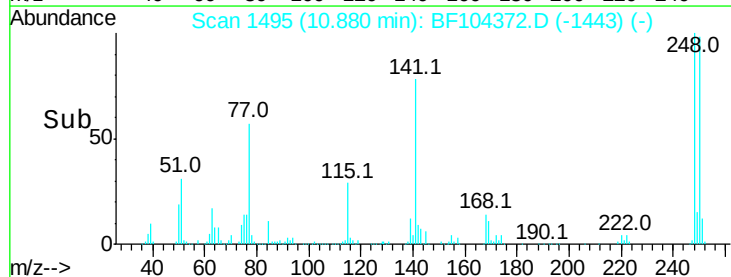
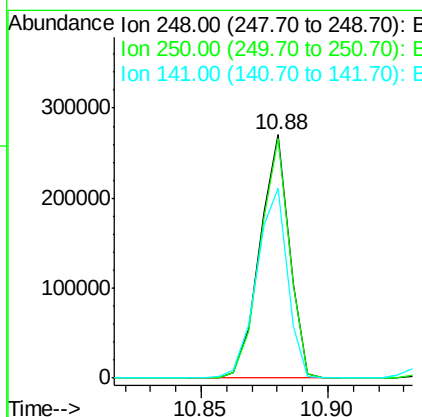
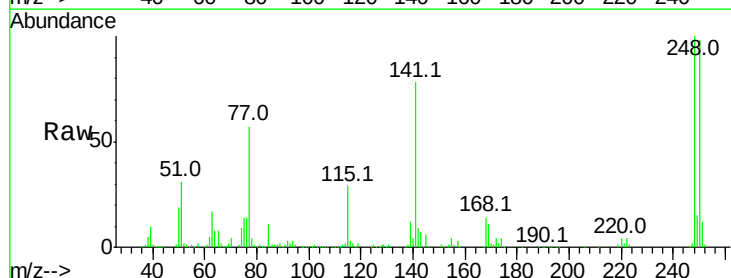
Instrument :
 BNA_F
 ClientSampleId :

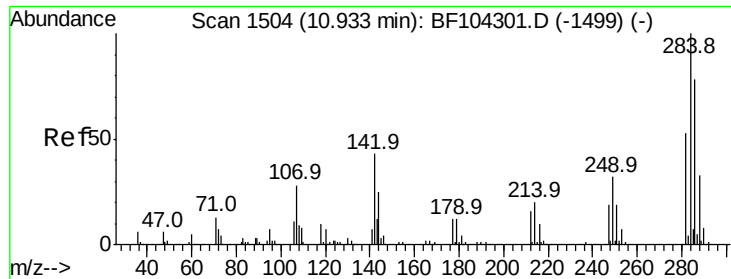
Tot Ion:169 Resp: 730450
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 37.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.841 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:248 Resp: 220756
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 78.1 74.4 111.6

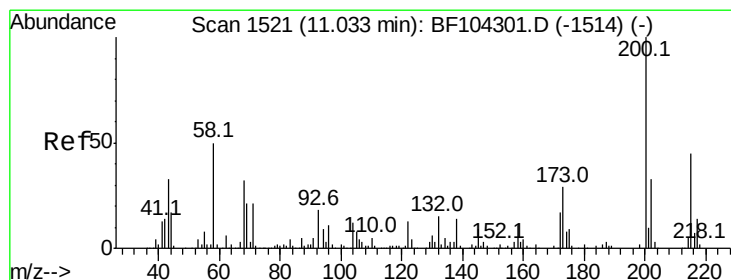
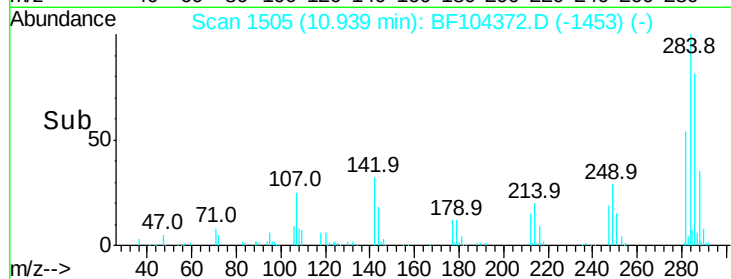
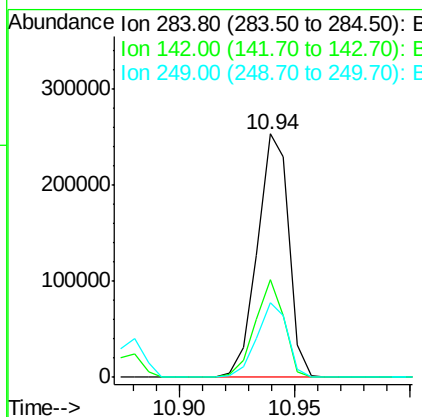
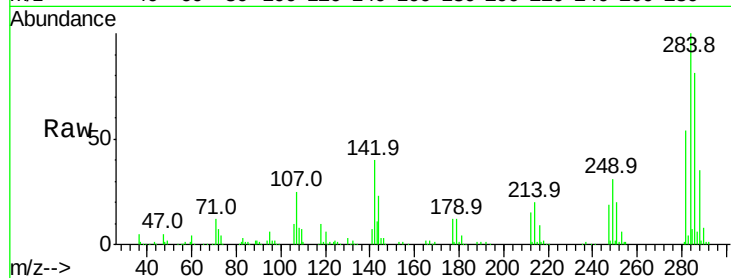




#67
Hexachlorobenzene
Concen: 45.303 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

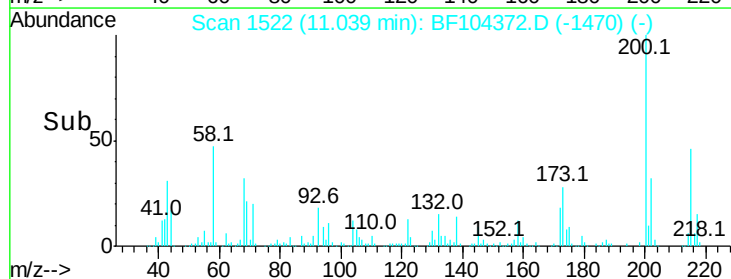
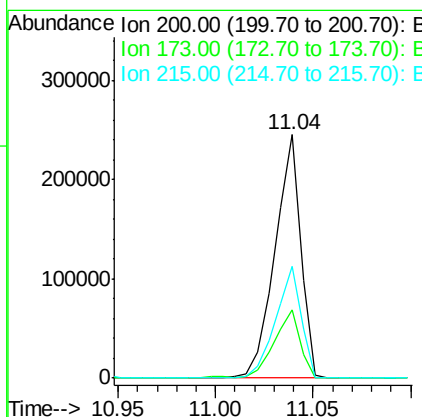
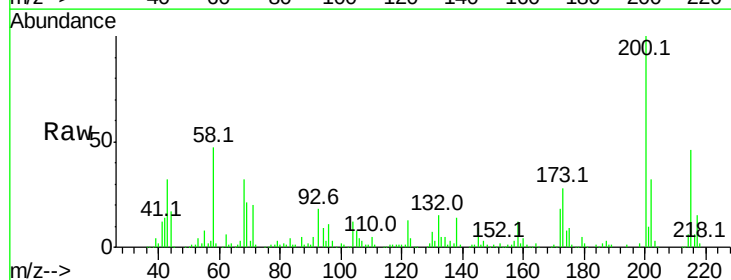
Instrument :
BNA_F
ClientSampled :

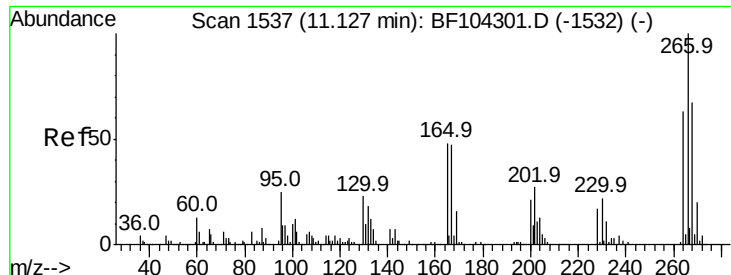
Tot Ion:284 Resp: 240241
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 48.383 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:200 Resp: 224358
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 45.8 25.1 65.1

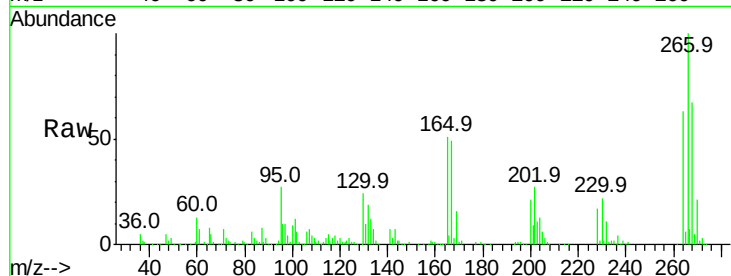




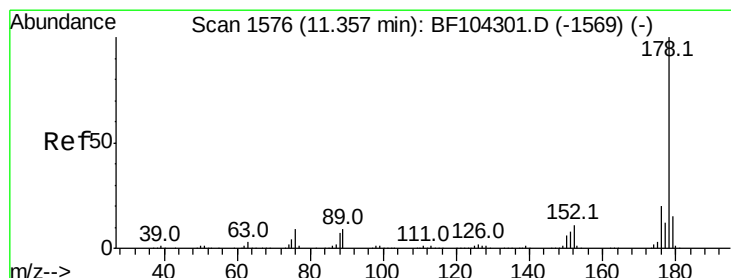
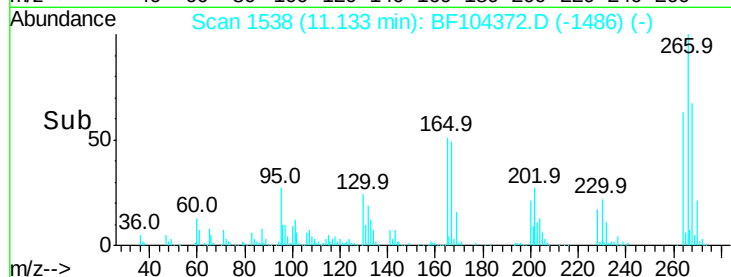
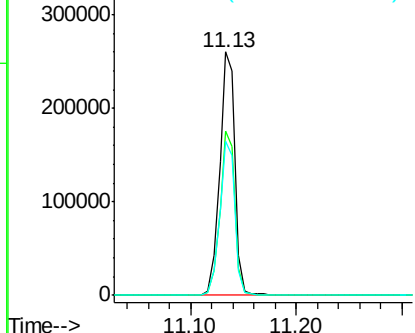
#69
 Pentachlorophenol
 Concen: 80.280 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 263377
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 63.0 49.5 74.3

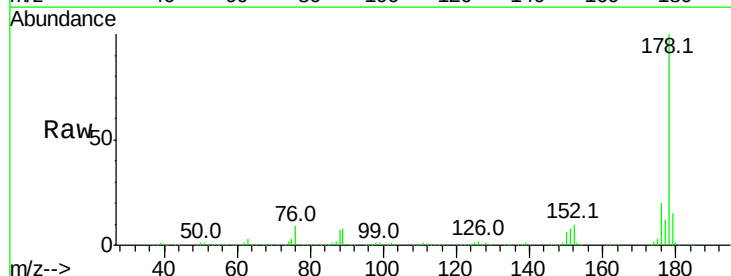


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

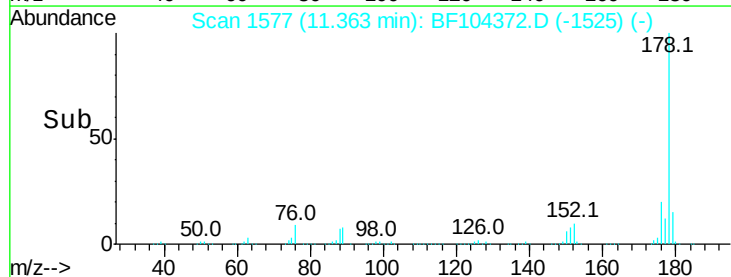
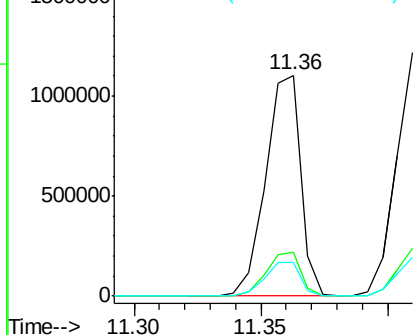


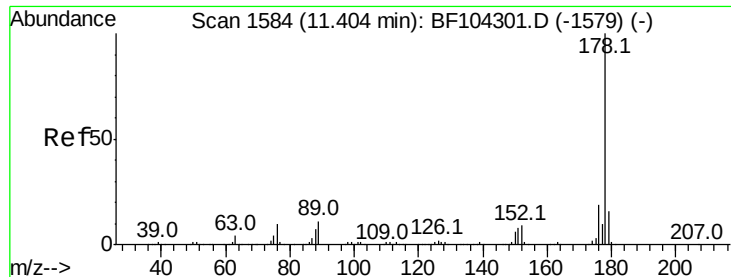
#70
 Phenanthrene
 Concen: 43.463 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:178 Resp: 1072436
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 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

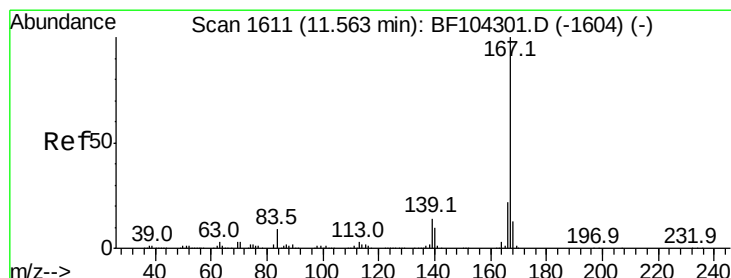
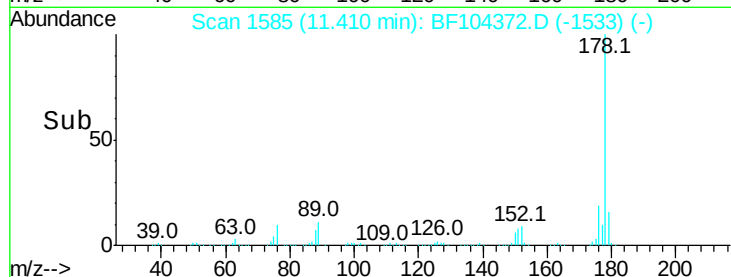
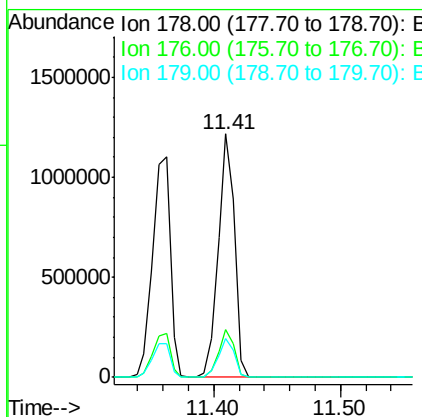
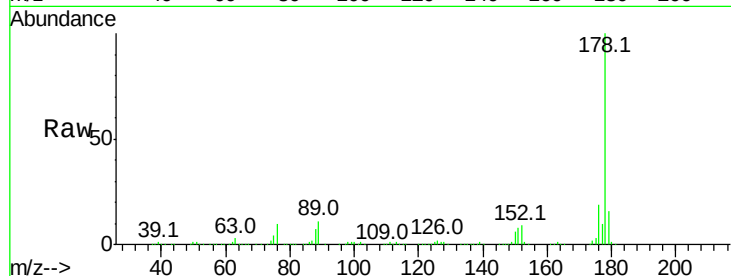




#71
 Anthracene
 Concen: 43.976 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

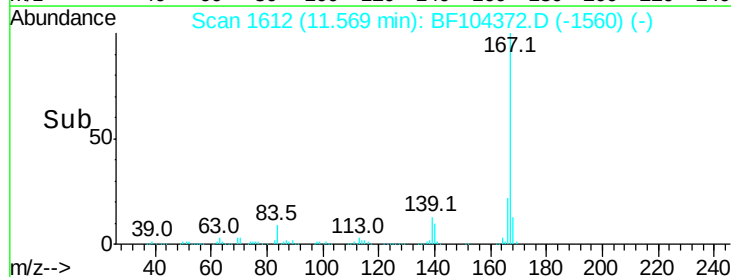
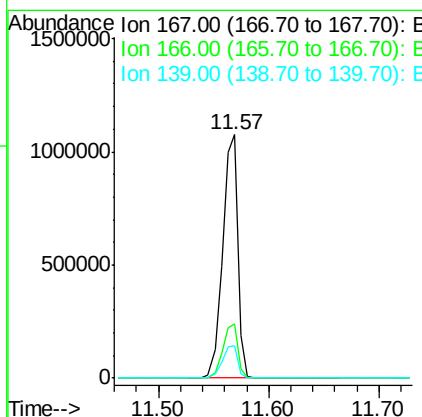
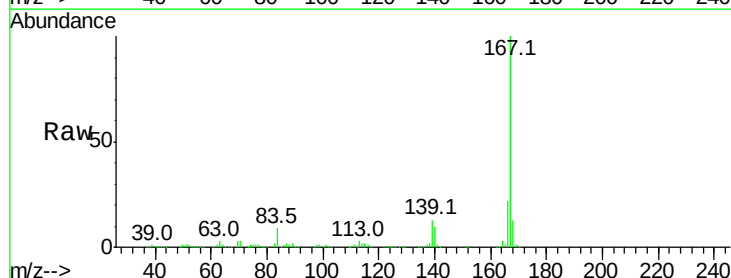
Instrument :
 BNA_F
 ClientSampleId :

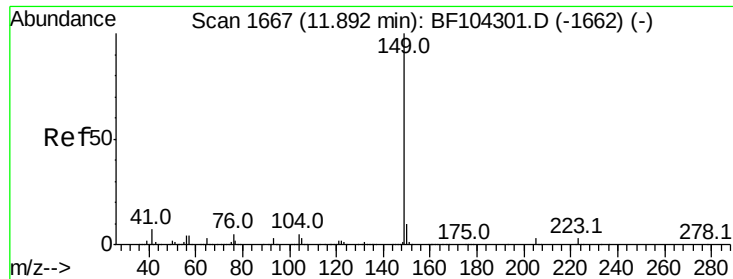
Tot Ion:178 Resp: 1103016
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 41.934 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:167 Resp: 1027775
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.435 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

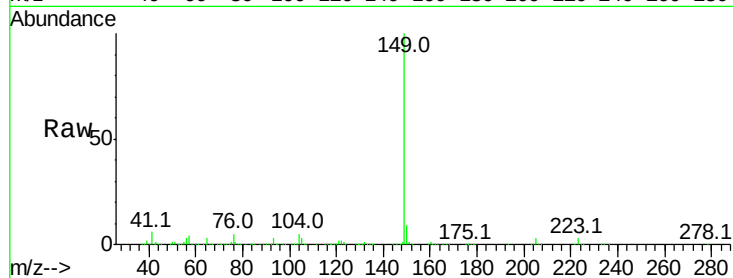
Tot Ion:149 Resp: 1300438

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

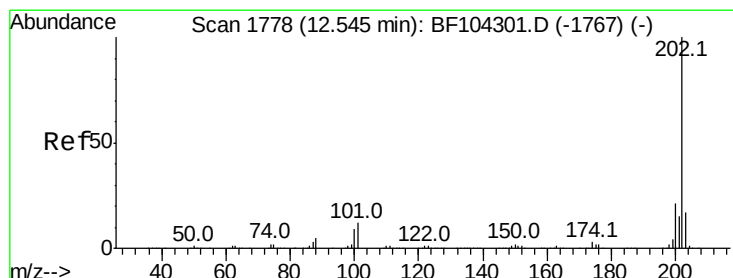
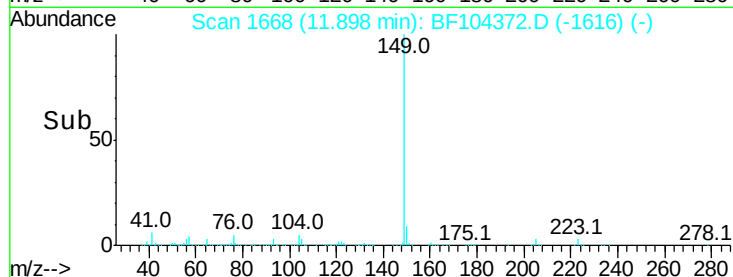
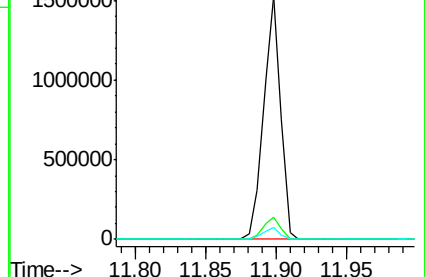
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.366 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

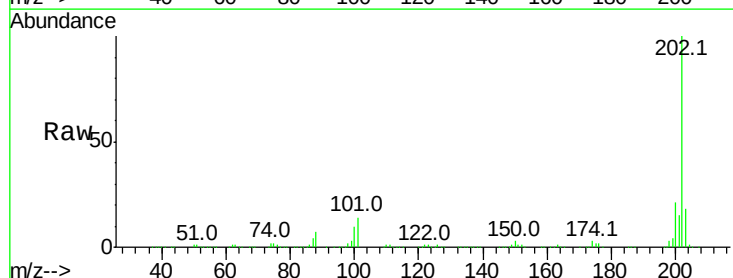
Tgt Ion:202 Resp: 989080

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

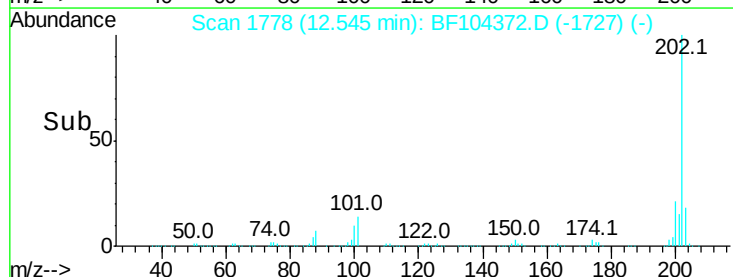
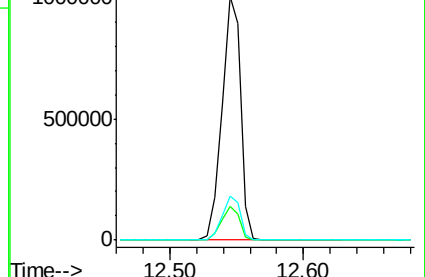
203 17.8 0.0 38.1

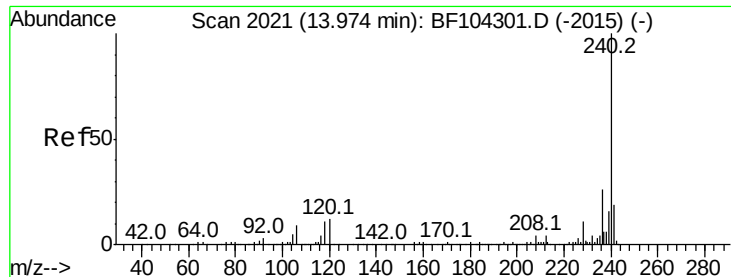


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

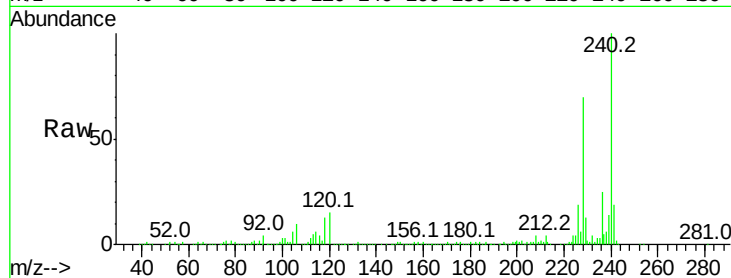
Tot Ion:240 Resp: 261906

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

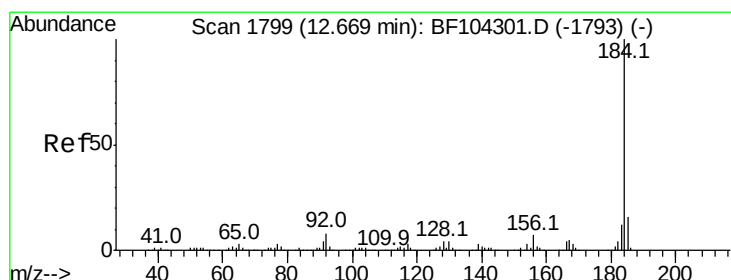
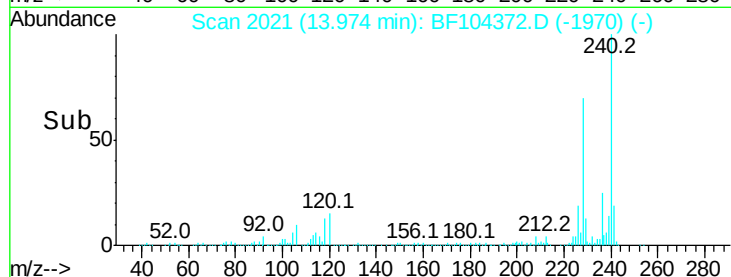
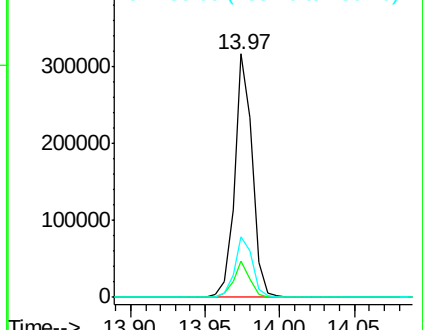
236 24.7 20.7 31.1



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: 30.018 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

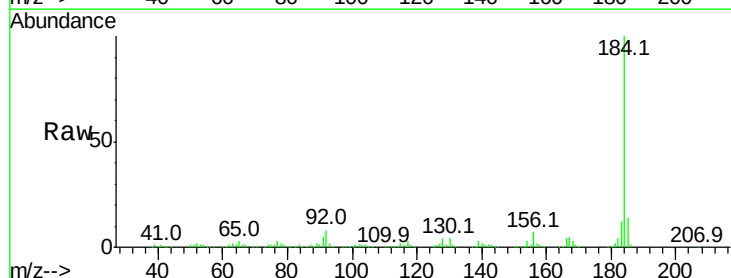
Tgt Ion:184 Resp: 287505

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

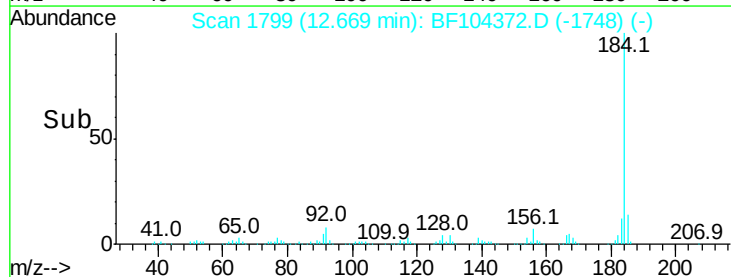
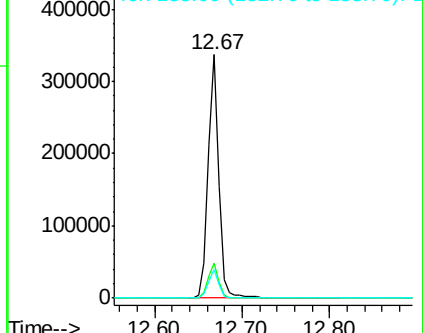
183 11.7 9.3 13.9

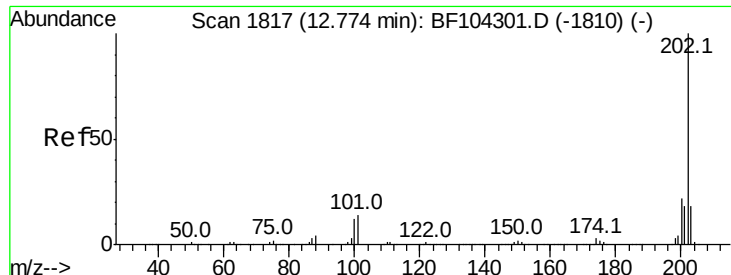


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

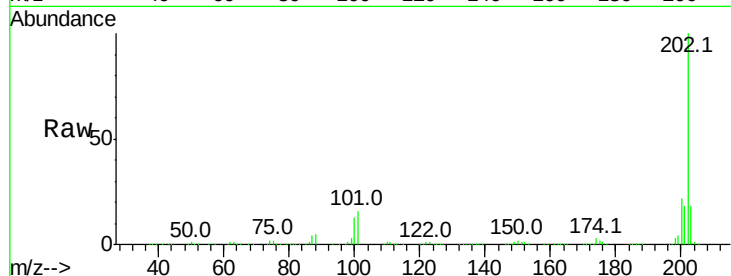




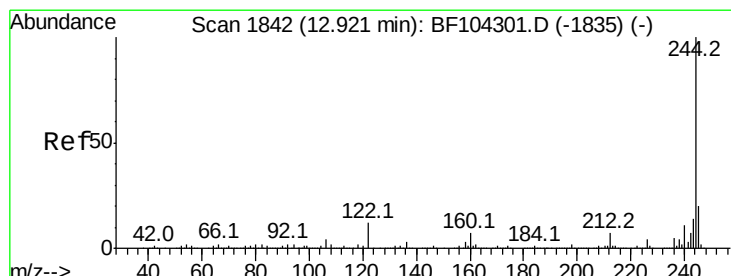
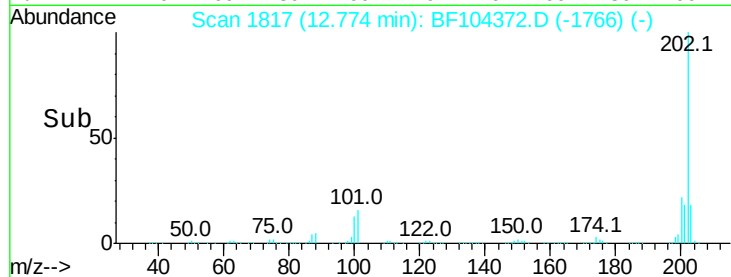
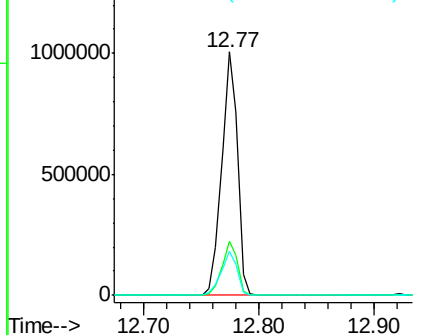
#77
 Pvrene
 Concen: 49.082 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 952849
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 18.0 14.3 21.5

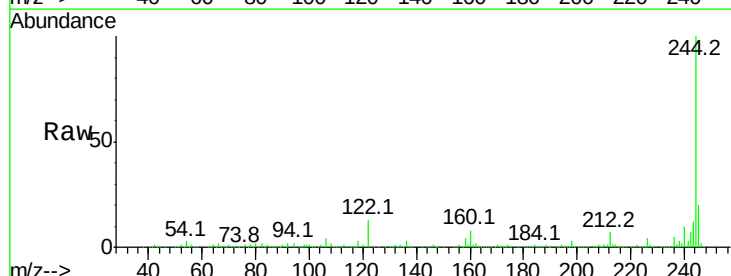


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

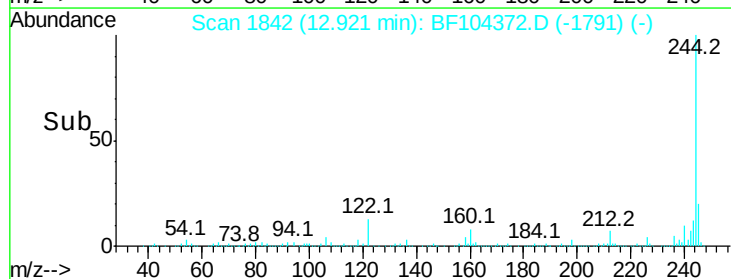
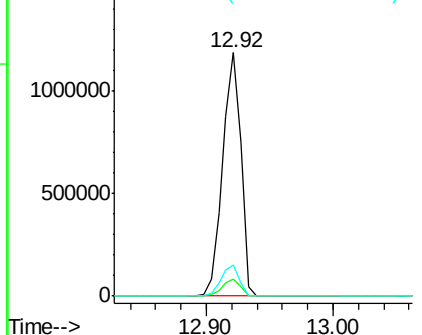


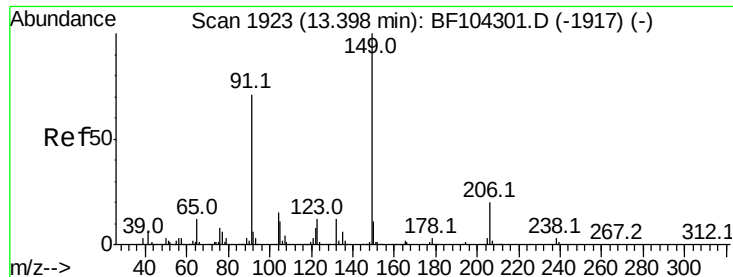
#78
 Terphenyl-d14
 Concen: 103.621 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:244 Resp: 1190399
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.8 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: 50.781 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF104372.D

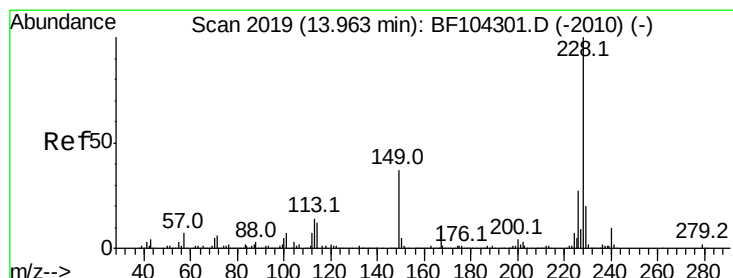
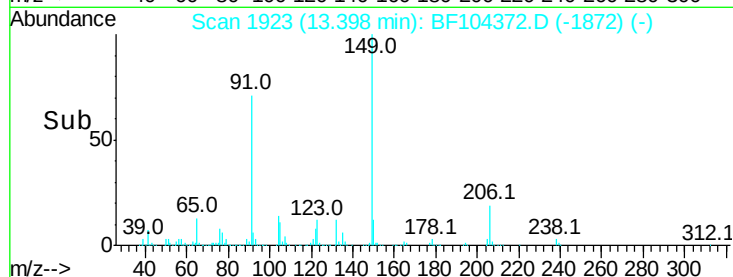
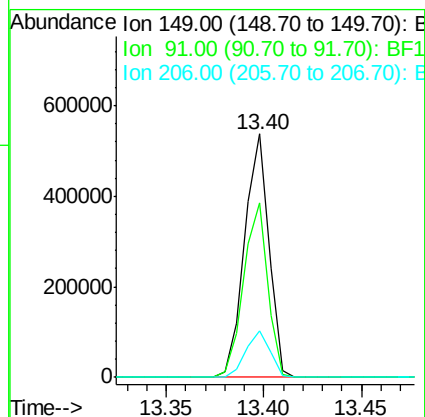
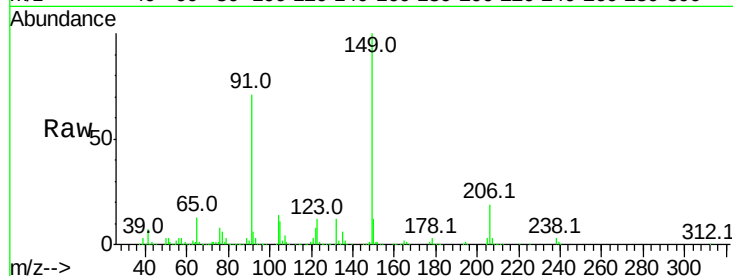
Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	464438
Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.8	85.2
206	18.9	14.1	21.1



#80

Benzo(a)anthracene

Concen: 45.510 ng

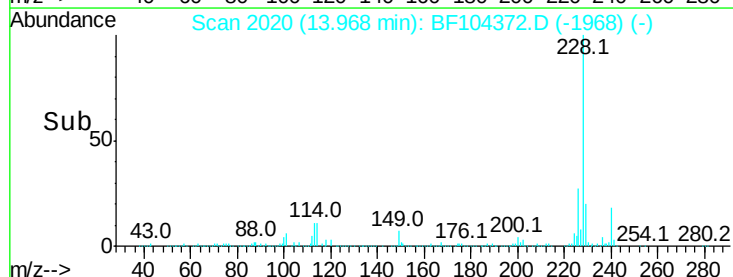
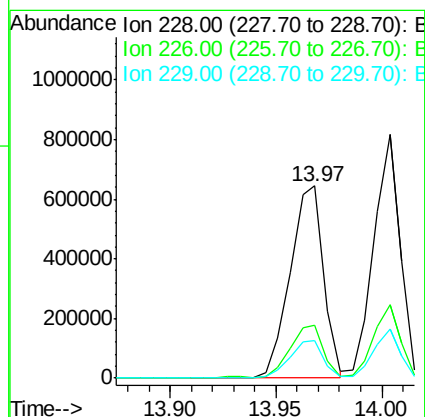
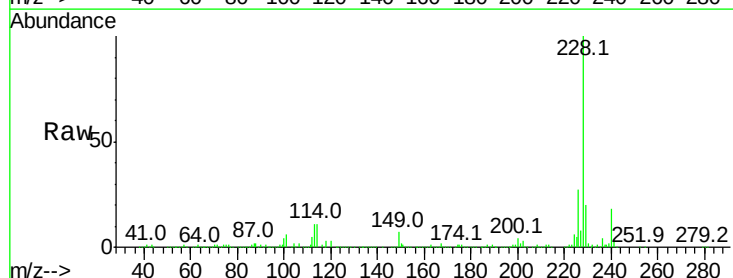
RT: 13.97 min Scan# 2020

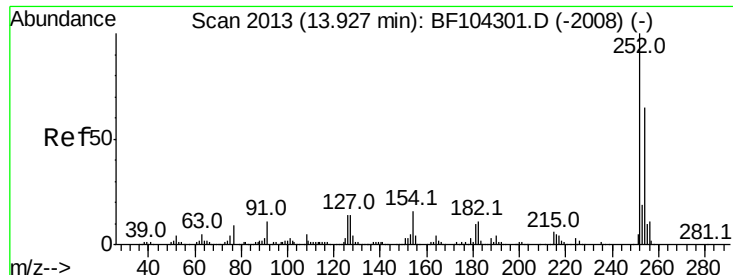
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	228	Resp:	712070
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	15.8	23.6

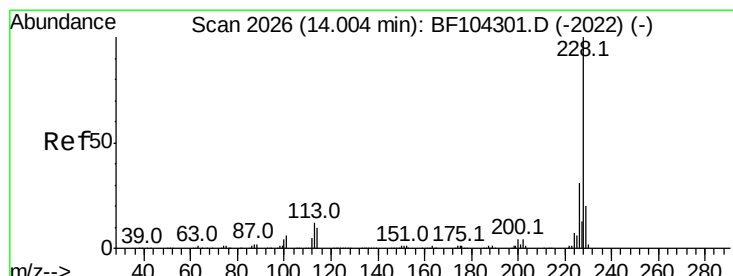
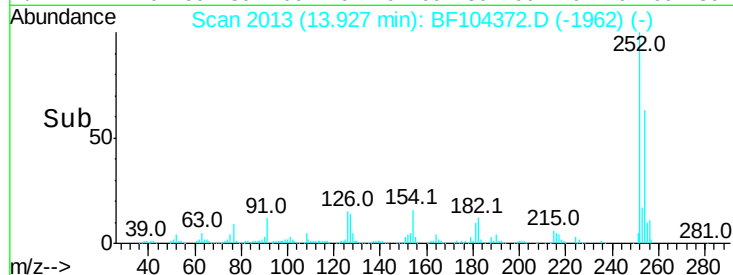
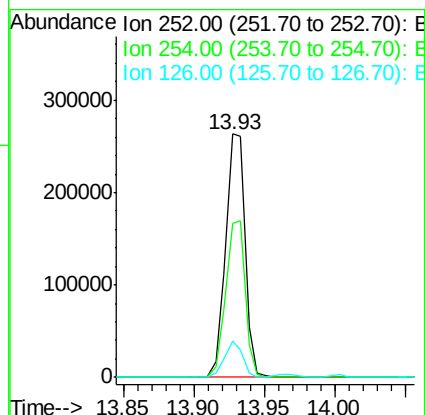
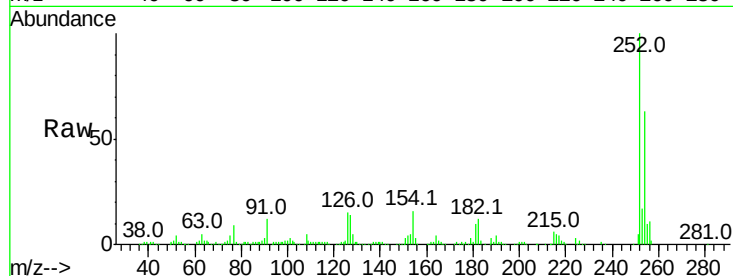




#81
 3,3'-Dichlorobenzidine
 Concen: 43.376 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

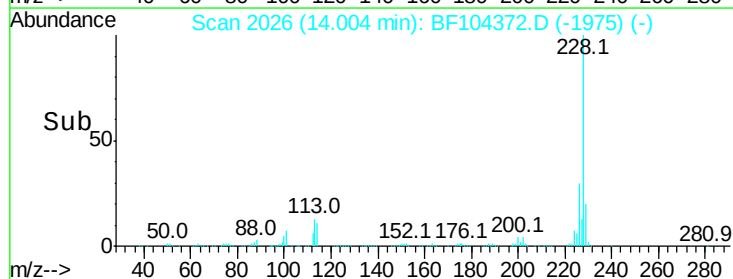
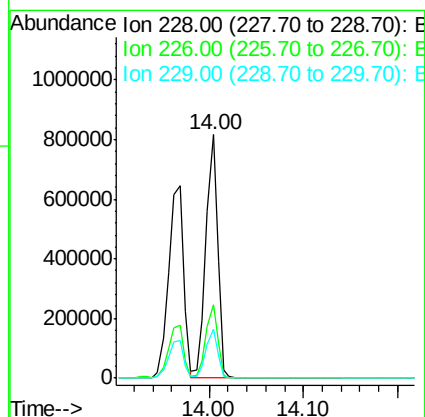
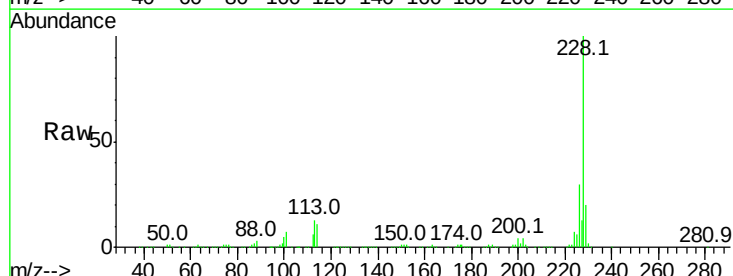
Instrument :
 BNA_F
 ClientSampleId :

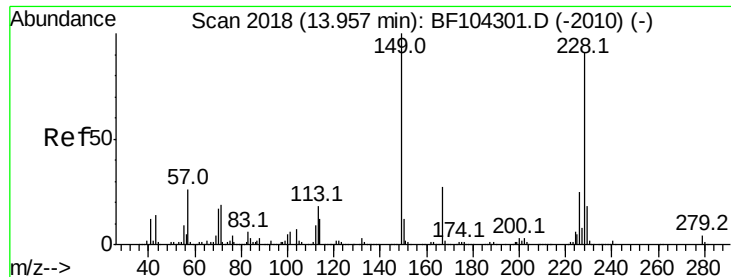
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	15.1	11.3	16.9



#82
 Chrysene
 Concen: 44.725 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4

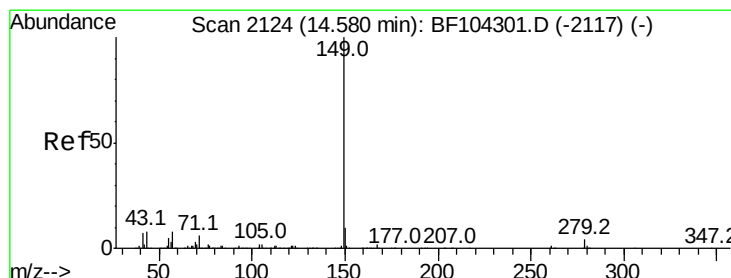
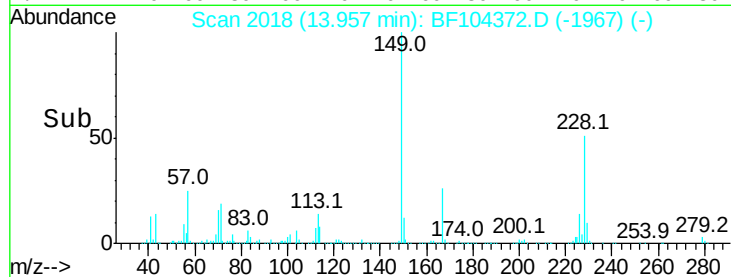
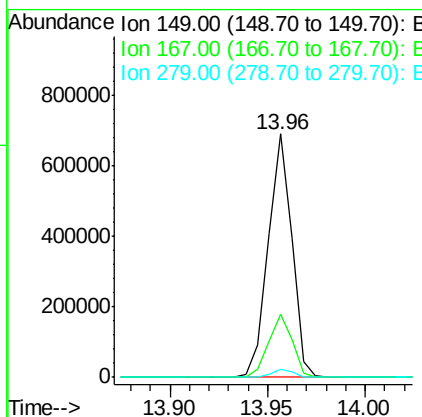
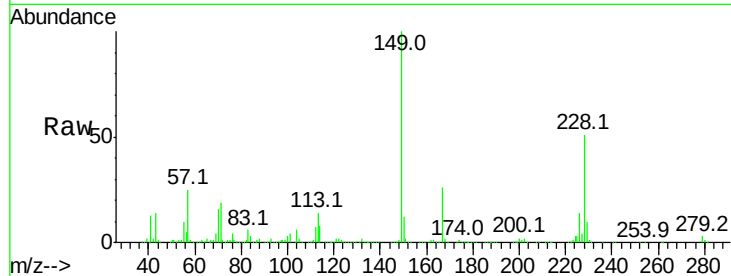




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.255 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

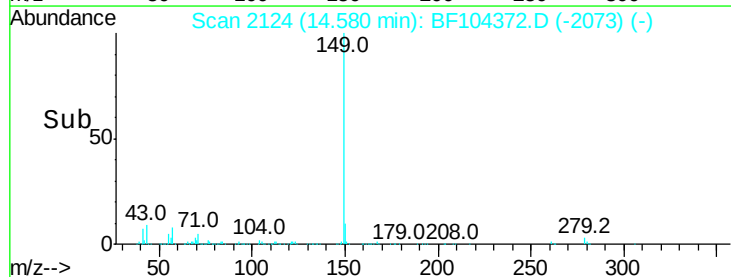
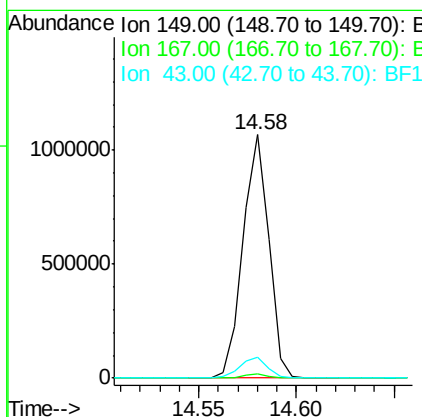
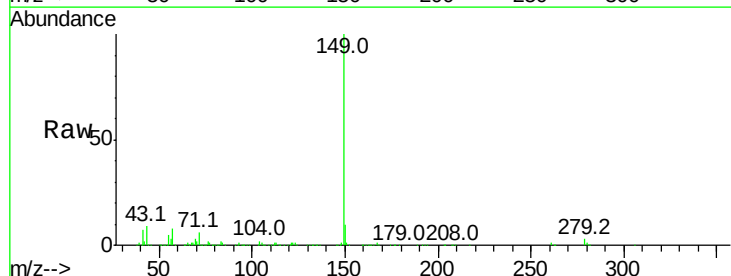
Instrument :
 BNA_F
 ClientSampleId :

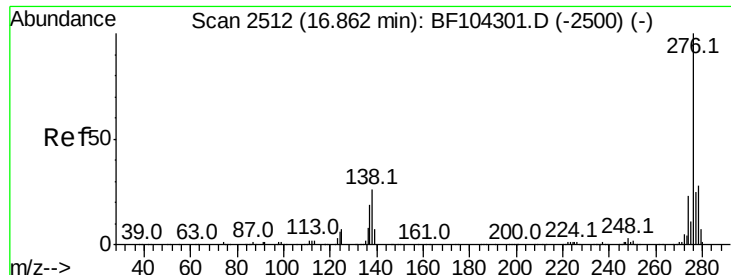
Tot Ion:	149	Resp:	579435
Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 49.880 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:	149	Resp:	980468
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6

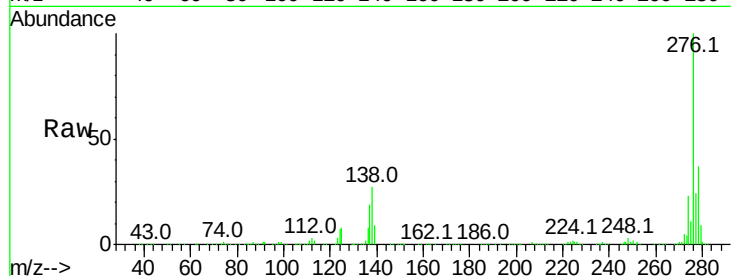




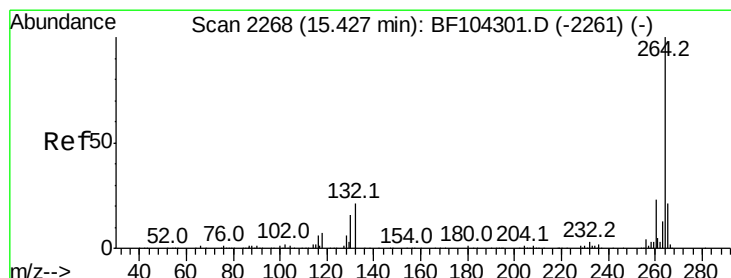
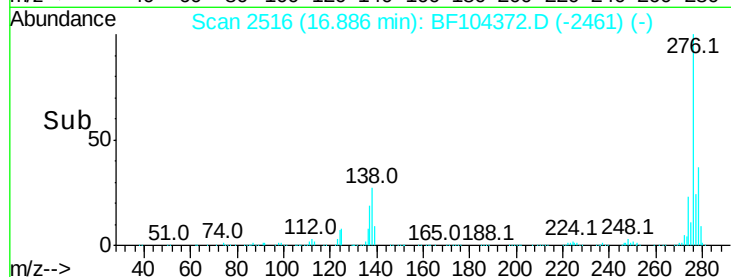
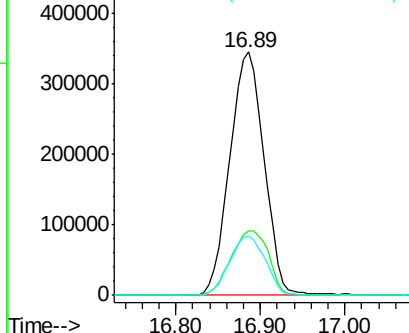
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.016 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. 0.02 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.0	37.6
277	25.5	20.1	30.1

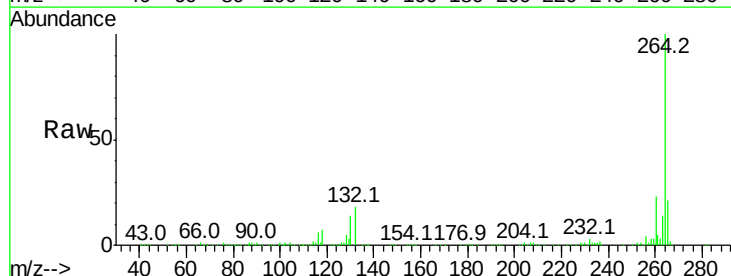


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

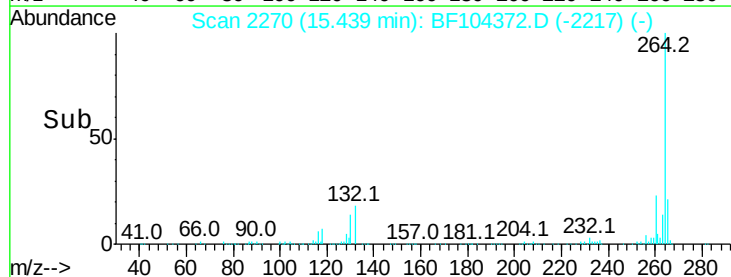
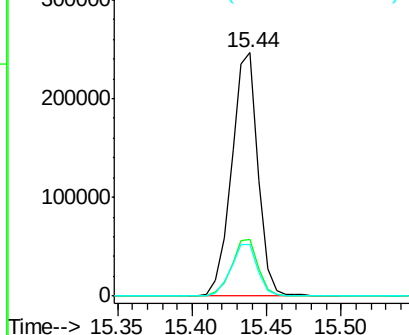


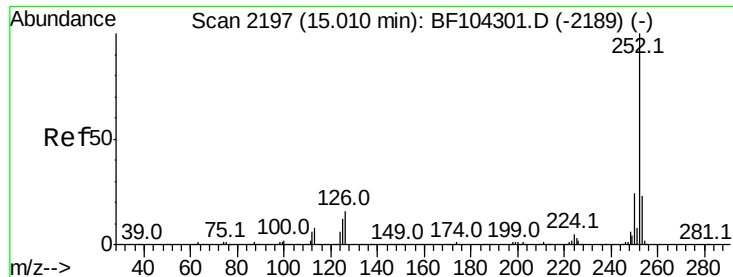
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

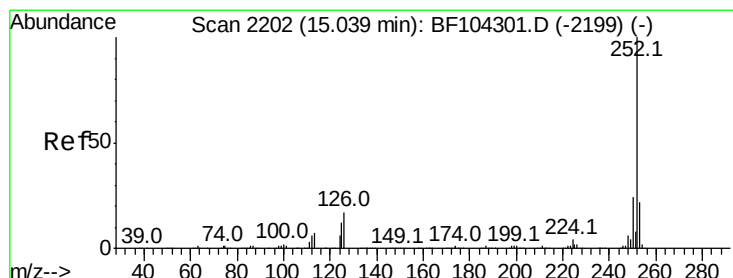
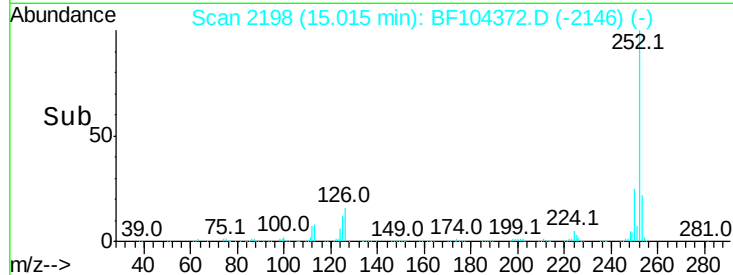
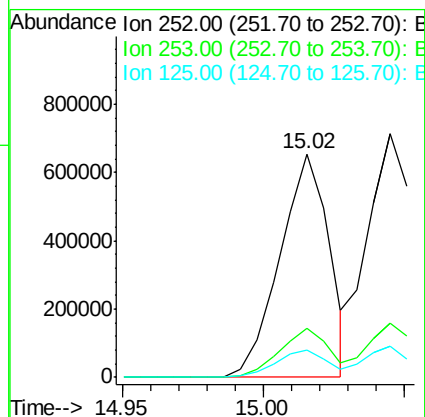
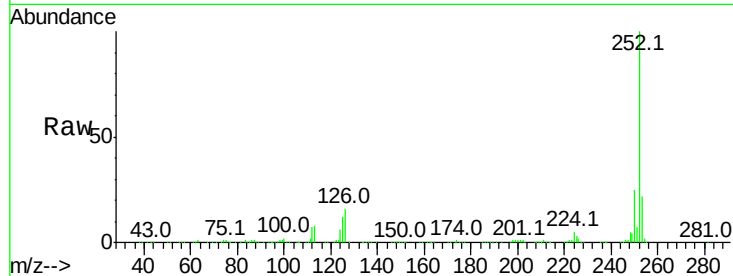




#87
Benzo(b)fluoranthene
Concen: 41.049 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

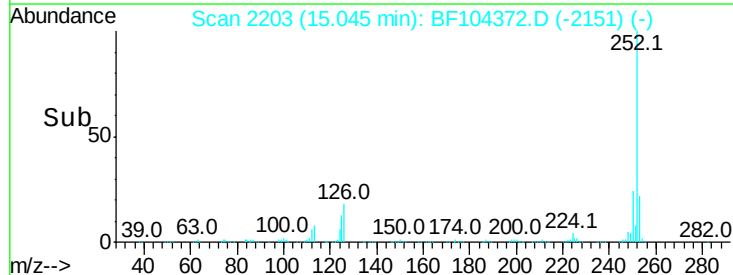
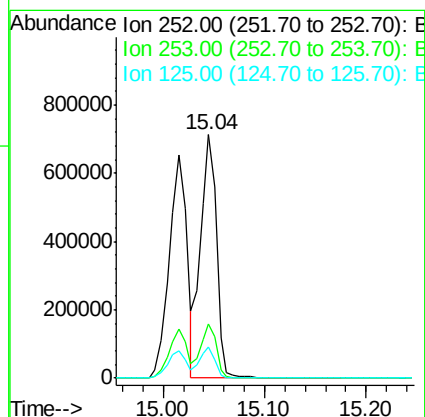
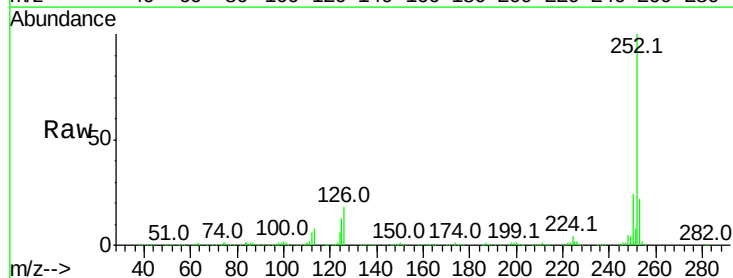
Instrument :
BNA_F
ClientSampled :

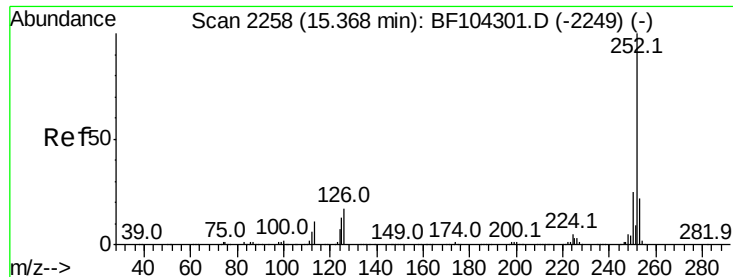
Tot Ion:252 Resp: 792551
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.773 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:252 Resp: 779668
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.7 10.2 15.2

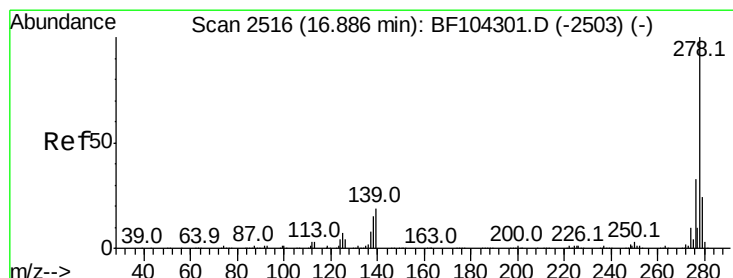
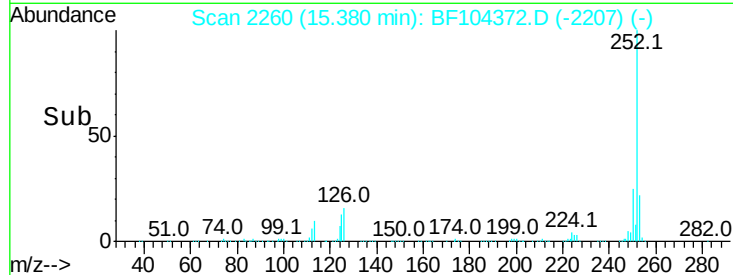
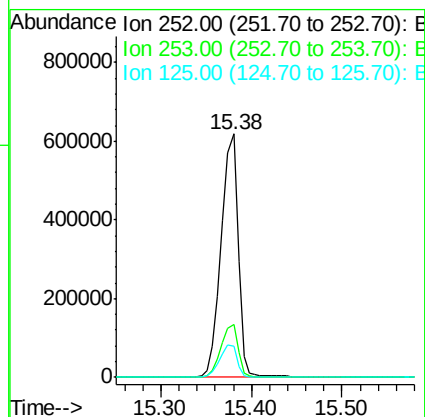
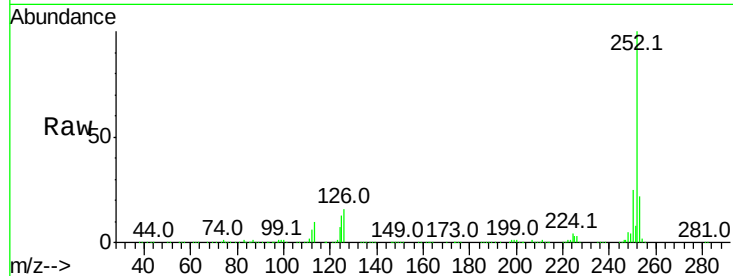




#89
Benzo(a)pyrene
Concen: 46.775 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

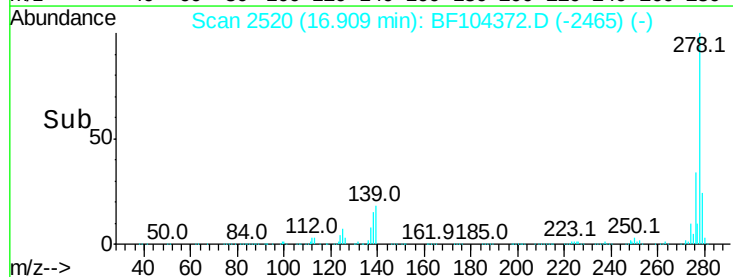
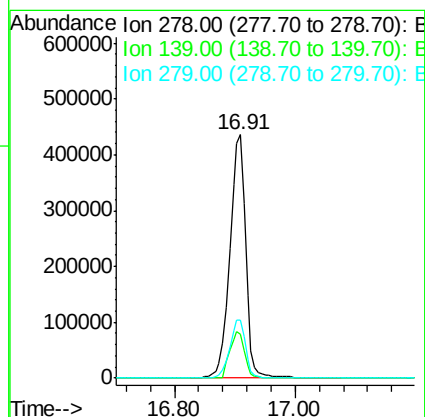
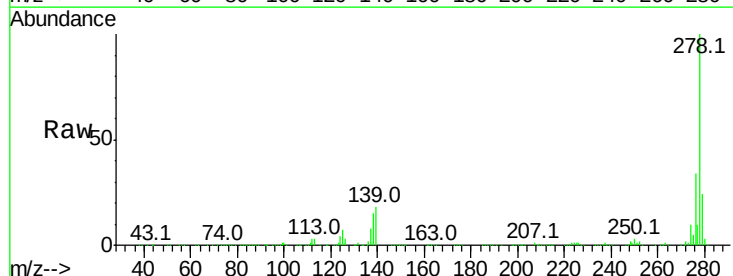
Instrument :
BNA_F
ClientSampleId :

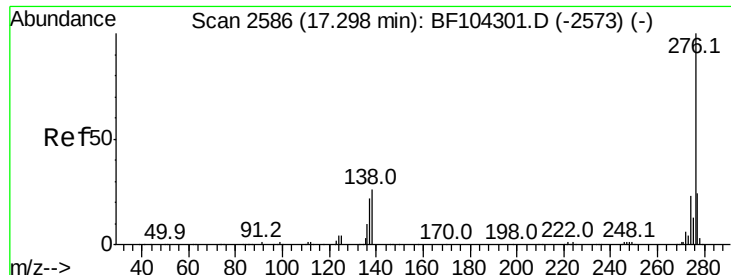
Tot Ion:252 Resp: 808058
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 56.376 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:278 Resp: 799877
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 56.488 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.03 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

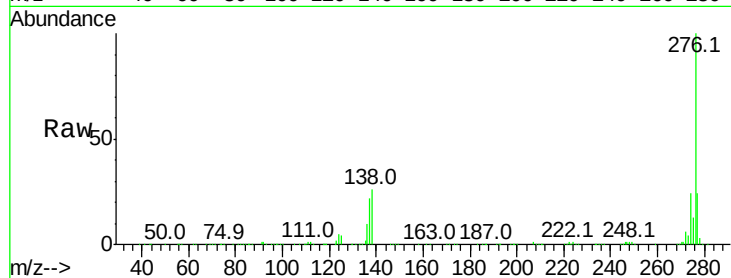
Tot Ion:276 Resp: 776489

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 25.9 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

