

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104416.D
 Acq On : 10 Apr 2018 18:33
 Operator : JU/SJ
 Sample : J2301-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:54:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139465	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	556924	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226566	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	329360	20.00	ng	0.00
75) Chrysene-d12	13.99	240	272000	20.00	ng	0.00
86) Perylene-d12	15.44	264	206895	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	906583	99.40	ng	0.02
7) Phenol-d6	6.45	99	1232098	109.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	715149	83.85	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	227257	96.70	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1169675	81.56	ng	0.00
78) Terphenyl-d14	12.93	244	921242	77.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	144002	33.883	ng	91
3) Pyridine	3.30	79	406441	34.014	ng	88
4) n-Nitrosodimethylamine	3.26	42	160947	38.532	ng	81
6) Aniline	6.47	93	417555	26.818	ng	97
8) 2-Chlorophenol	6.60	128	403555	41.919	ng	93
9) Benzaldehyde	6.36	77	290520	61.918	ng	97
10) Phenol	6.46	94	563654	47.403	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	395620	41.693	ng	96
12) 1,3-Dichlorobenzene	6.75	146	429530	39.384	ng	99
13) 1,4-Dichlorobenzene	6.83	146	429361	39.494	ng	99
14) 1,2-Dichlorobenzene	6.98	146	403437	40.044	ng	99
15) Benzyl Alcohol	6.95	79	342985	40.295	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	518157	40.662	ng	92
17) 2-Methylphenol	7.06	107	337025	40.274	ng	97
18) Hexachloroethane	7.32	117	138979	35.854	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	276178	37.713	ng	94
20) 3+4-Methylphenols	7.22	107	387325	37.320	ng	# 78
22) Acetophenone	7.22	105	536013	39.093	ng	95
24) Nitrobenzene	7.40	77	422150	44.831	ng	97
25) Isophorone	7.63	82	686980	38.090	ng	99
26) 2-Nitrophenol	7.71	139	204818	53.429	ng	97
27) 2,4-Dimethylphenol	7.75	122	316300	39.738	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	473891	42.975	ng	99
29) 2,4-Dichlorophenol	7.95	162	320952	42.260	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	339537	40.737	ng	99
31) Naphthalene	8.12	128	1049931	37.860	ng	99
32) Benzoic acid	7.86	122	174088	27.411	ng	96
33) 4-Chloroaniline	8.16	127	163059	13.725	ng	96
34) Hexachlorobutadiene	8.23	225	188776	41.350	ng	99
35) Caprolactam	8.55	113	99266	37.467	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	337054	41.389	ng	99
37) 2-Methylnaphthalene	8.81	142	663487	36.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	296873	45.774	ng	99
40) Hexachlorocyclopentadiene	8.96	237	63924	17.606	ng	98

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

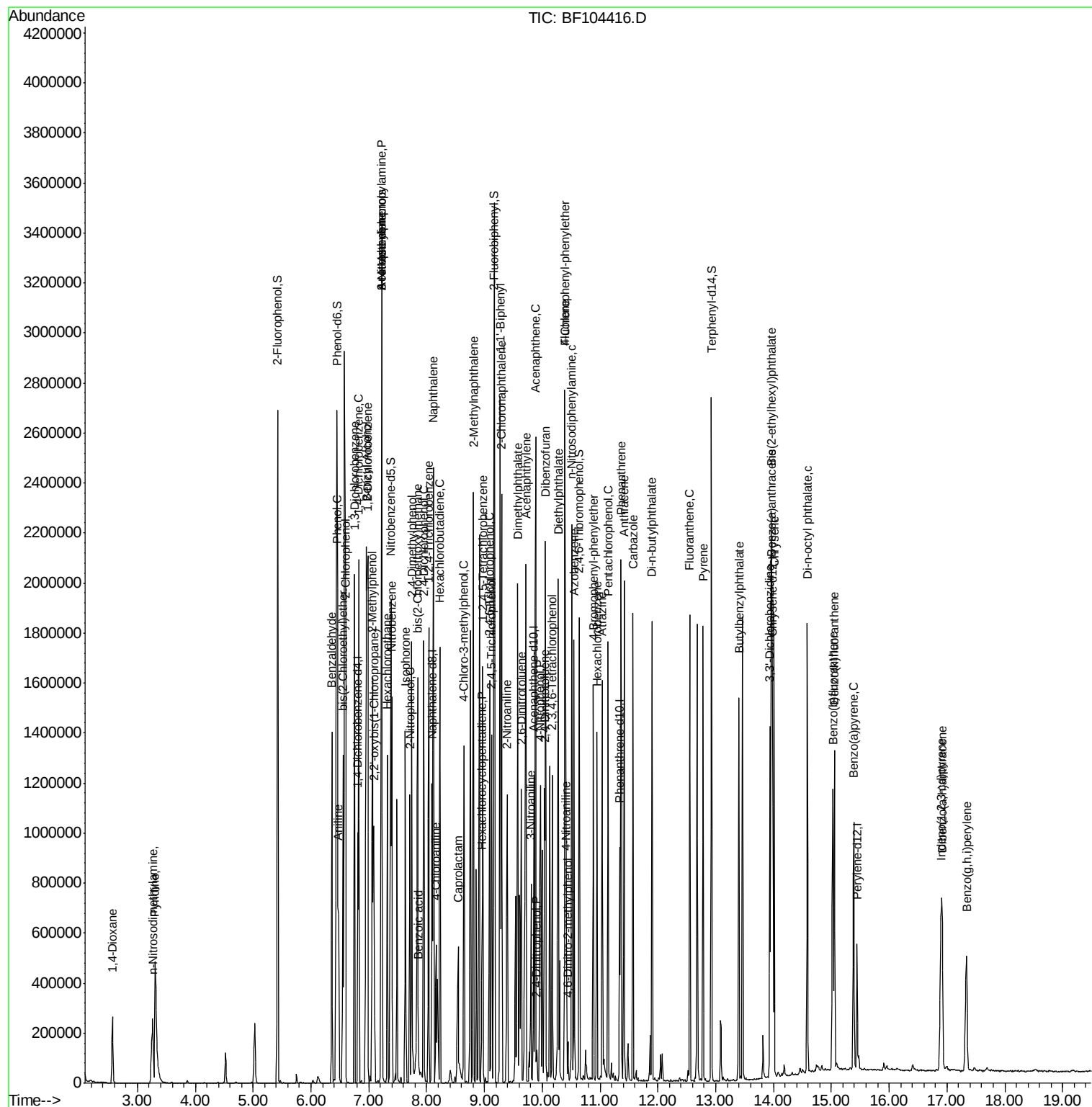
42) 2,4,6-Trichlorophenol	9.09	196	210321	46.715	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	207051	41.097	ng	99
45) 1,1'-Biphenyl	9.27	154	829563	43.585	ng	98
46) 2-Chloronaphthalene	9.30	162	648593	43.142	ng	100
47) 2-Nitroaniline	9.39	65	198757	53.460	ng	97
48) Acenaphthylene	9.72	152	928537	39.366	ng	100
49) Dimethylphthalate	9.57	163	885047	49.537	ng	99
50) 2,6-Dinitrotoluene	9.64	165	160927	48.677	ng	89
51) Acenaphthene	9.89	154	540411	37.551	ng	99
52) 3-Nitroaniline	9.80	138	117739	30.421	ng	97
53) 2,4-Dinitrophenol	9.91	184	18609	23.171	ng	# 15
54) Dibenzofuran	10.06	168	811788	40.476	ng	98
55) 4-Nitrophenol	9.97	139	240239	79.019	ng	88
56) 2,4-Dinitrotoluene	10.04	165	191289	44.111	ng	96
57) Fluorene	10.40	166	550490	37.709	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146320	38.929	ng	94
59) Diethylphthalate	10.27	149	713564	40.102	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	290282	44.650	ng	99
61) 4-Nitroaniline	10.42	138	137027	36.209	ng	99
62) Azobenzene	10.55	77	650460	38.262	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	17541	16.609	ng	83
65) n-Nitrosodiphenylamine	10.51	169	555803	48.670	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	171778	49.033	ng	95
67) Hexachlorobenzene	10.95	284	174903	44.369	ng	94
68) Atrazine	11.04	200	164019	47.583	ng	100
69) Pentachlorophenol	11.14	266	181547	74.444	ng	99
70) Phenanthrene	11.36	178	722500	39.391	ng	99
71) Anthracene	11.42	178	724310	38.848	ng	99
72) Carbazole	11.57	167	718367	39.429	ng	100
73) Di-n-butylphthalate	11.90	149	932399	41.895	ng	99
74) Fluoranthene	12.55	202	704918	36.784	ng	99
76) Benzidine	12.68	184	717845	Below	Cal	97
77) Pyrene	12.78	202	747517	37.076	ng	99
79) Butylbenzylphthalate	13.40	149	364939	38.421	ng	95
80) Benzo(a)anthracene	13.97	228	664243	40.878	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	277527	45.806	ng	97
82) Chrysene	14.01	228	668638	40.060	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	498108	40.771	ng	100
84) Di-n-octyl phthalate	14.59	149	909778	44.566	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	459813	32.430	ng	98
87) Benzo(b)fluoranthene	15.03	252	553823	42.383	ng	99
88) Benzo(k)fluoranthene	15.06	252	527232	42.737	ng	97
89) Benzo(a)pyrene	15.39	252	472736	40.433	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	388595	40.468	ng	99
91) Benzo(g,h,i)perylene	17.34	276	371062	39.885	ng	97

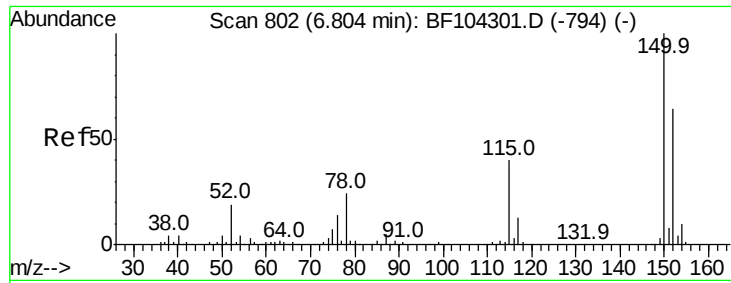
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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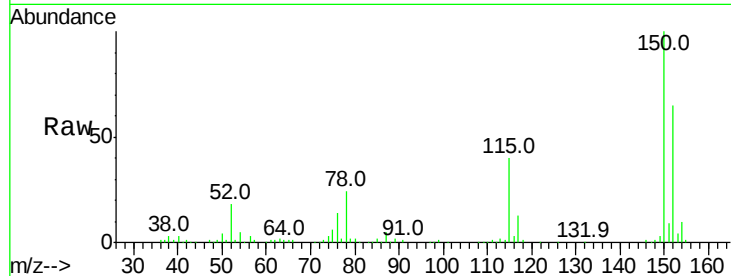


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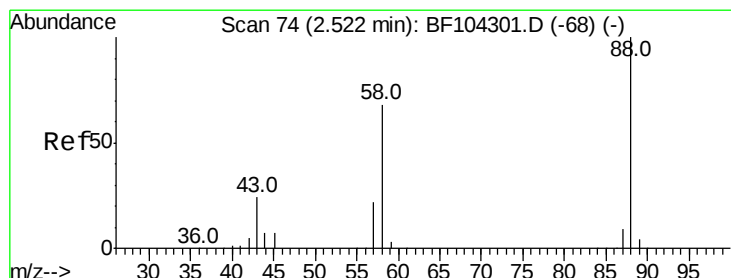
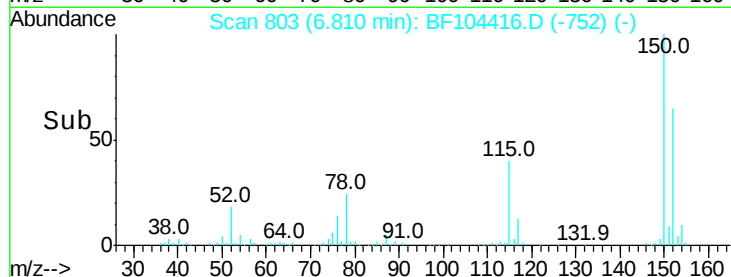
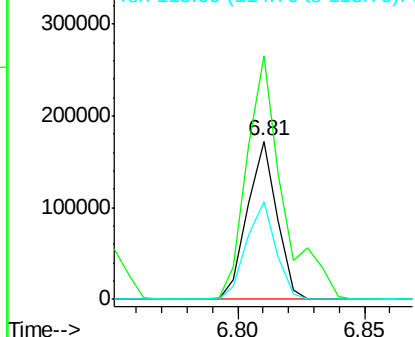
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139465
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 61.9 50.1 75.1



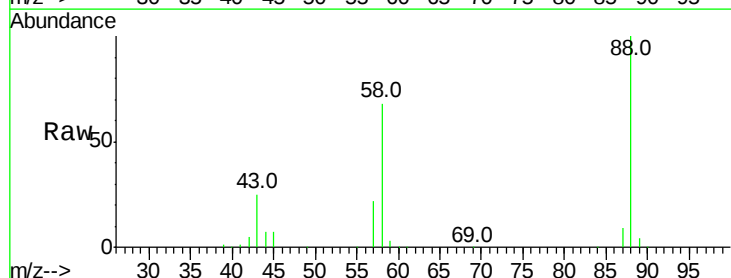
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



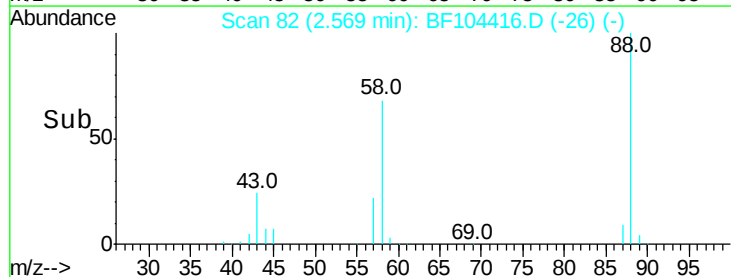
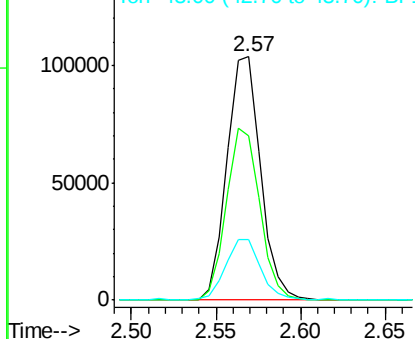
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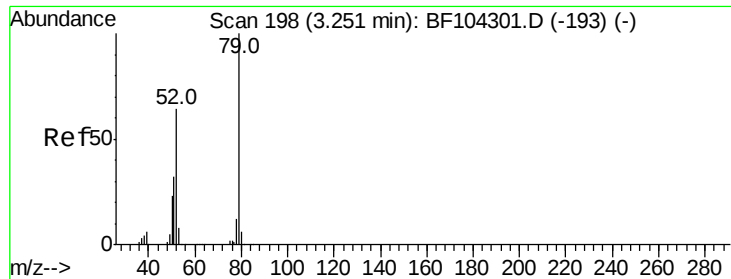
1,4-Dioxane
Concen: 33.883 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.03 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion: 88 Resp: 144002
Ion Ratio Lower Upper
88 100
58 69.9 62.6 93.8
43 26.6 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

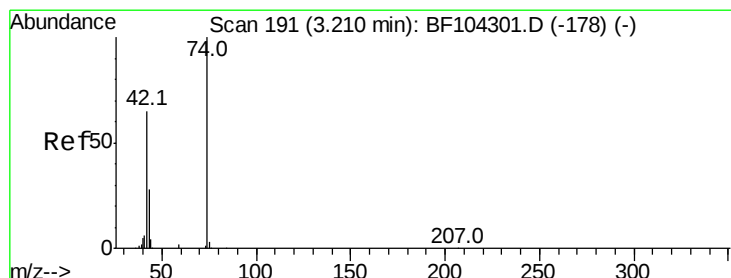
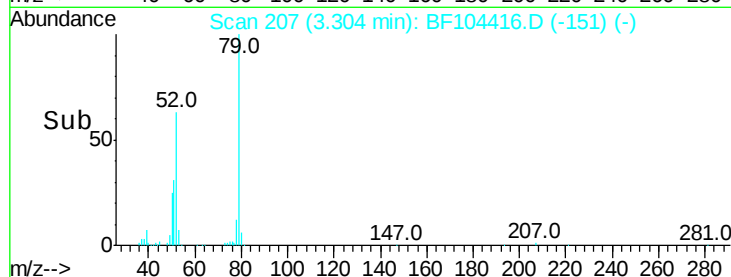
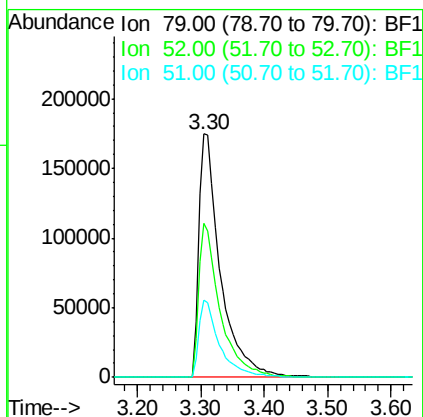
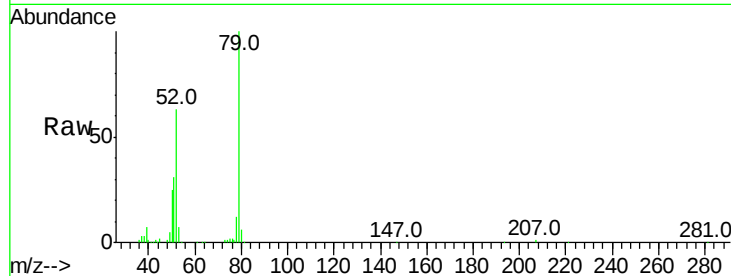




#3
 Pvridine
 Concen: 34.014 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.03 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

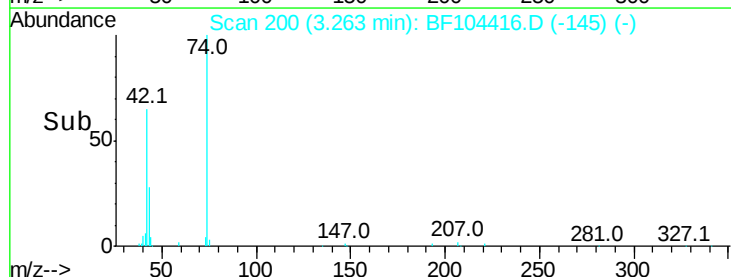
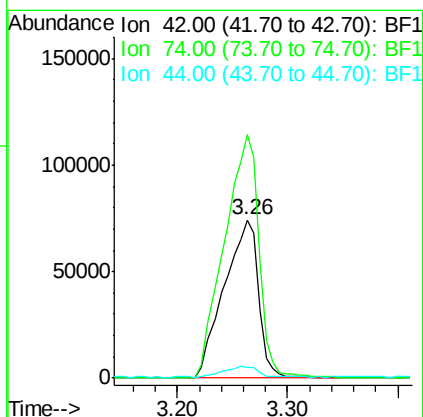
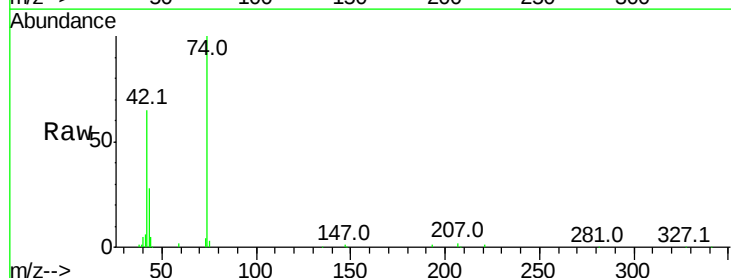
Instrument :
 BNA_F
 ClientSampleId :

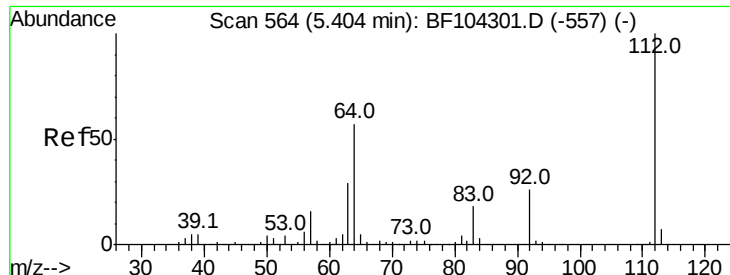
Tot Ion: 79 Resp: 406441
 Ion Ratio Lower Upper
 79 100
 52 63.3 59.8 89.6
 51 31.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.532 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.02 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion: 42 Resp: 160947
 Ion Ratio Lower Upper
 42 100
 74 153.9 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 99.395 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

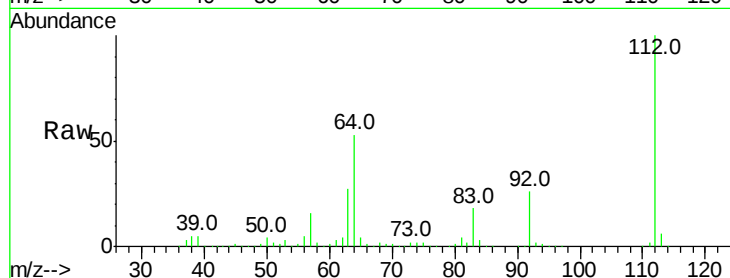
Tot Ion:112 Resp: 906583

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

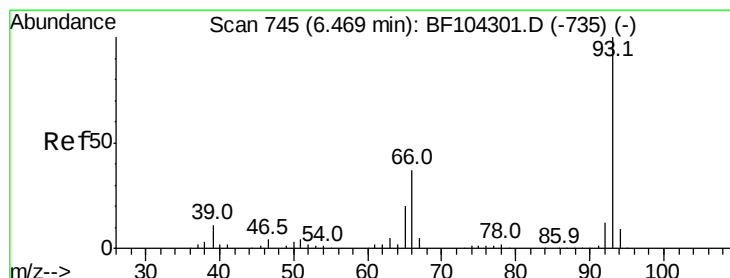
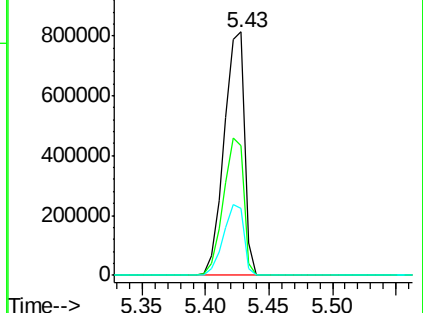
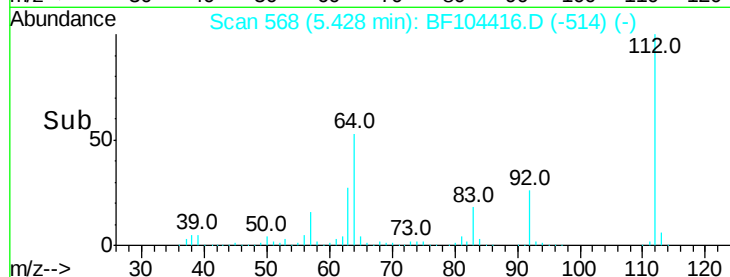
63 27.5 23.7 35.5



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: 26.818 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

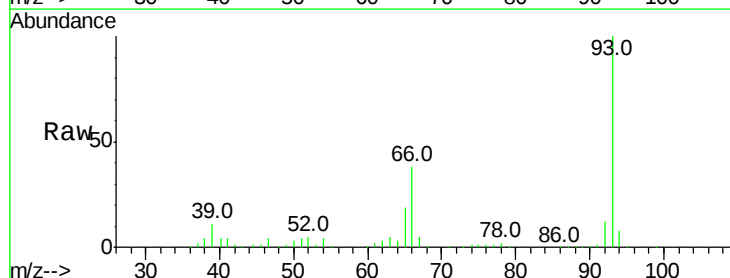
Tgt Ion: 93 Resp: 417555

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

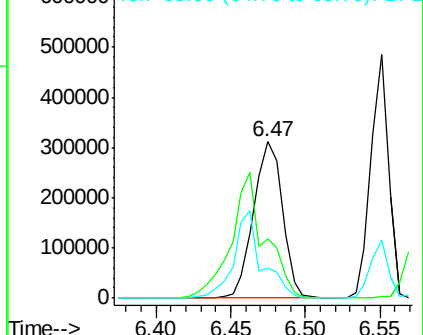
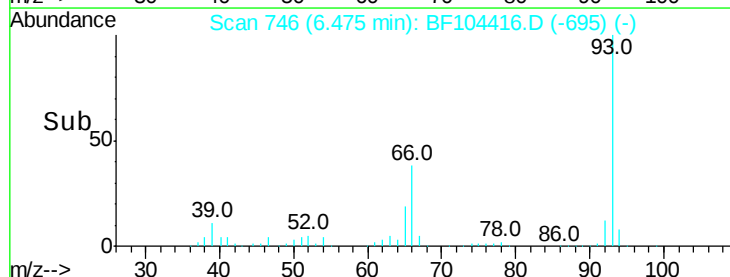
65 19.4 16.4 24.6

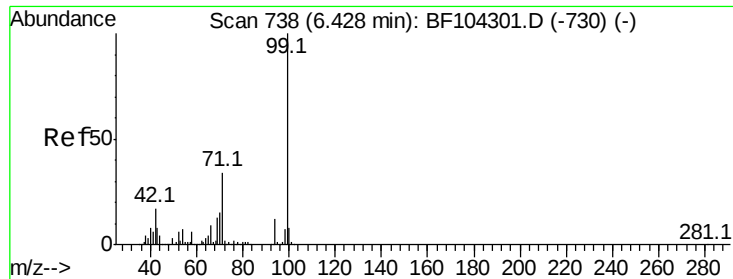


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.943 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

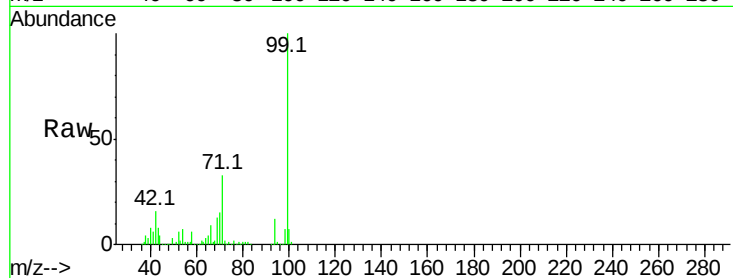
Tot Ion: 99 Resp: 1232098

Ion Ratio Lower Upper

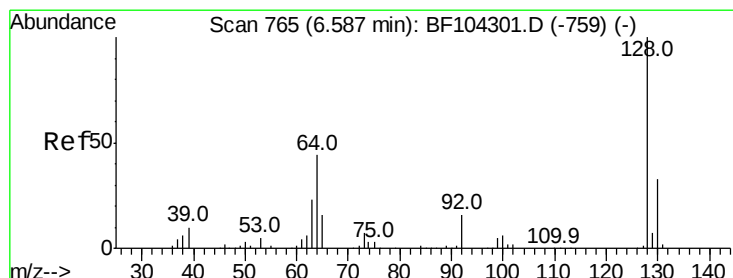
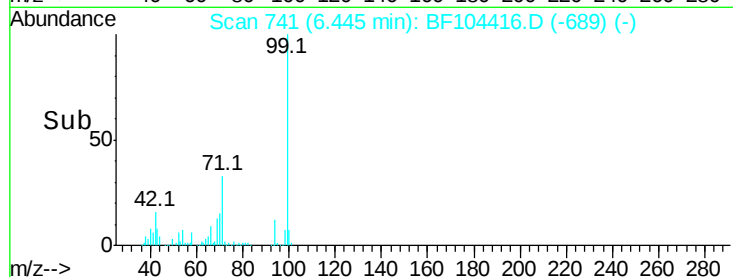
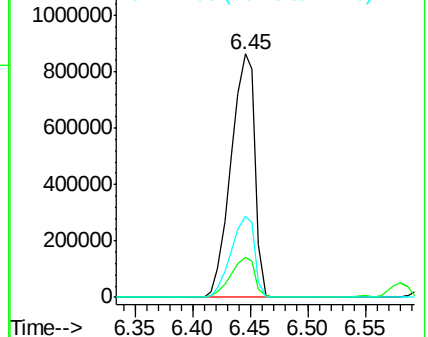
99 100

42 16.3 14.5 21.7

71 33.5 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: 41.919 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

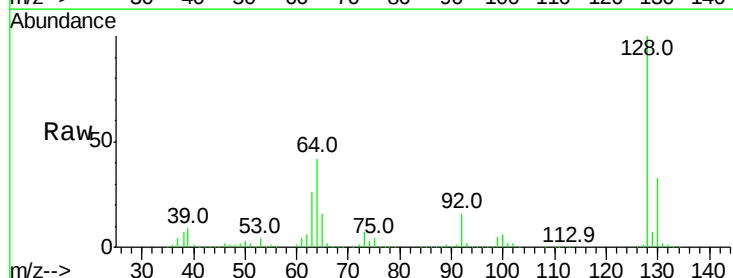
Tgt Ion: 128 Resp: 403555

Ion Ratio Lower Upper

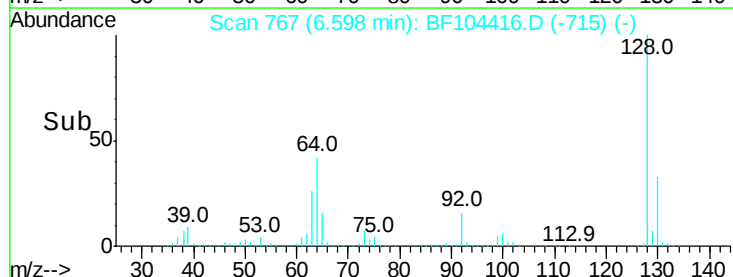
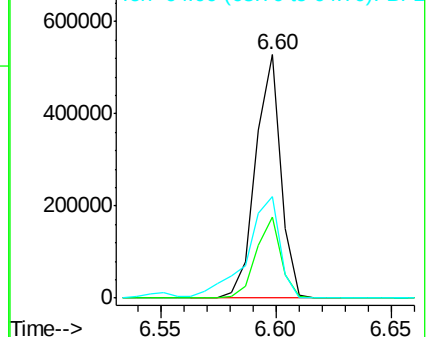
128 100

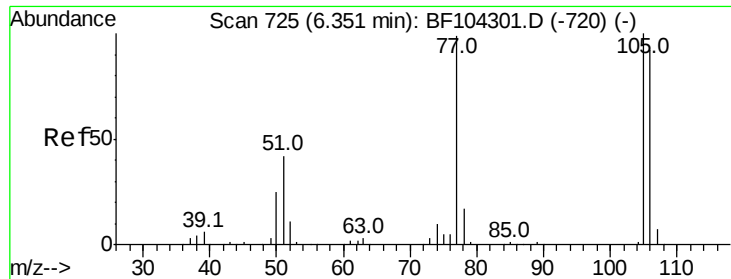
130 33.1 13.0 53.0

64 41.9 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

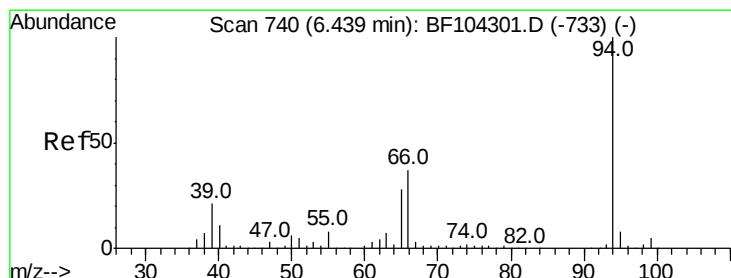
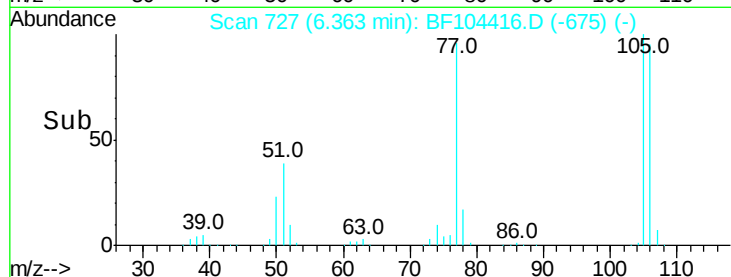
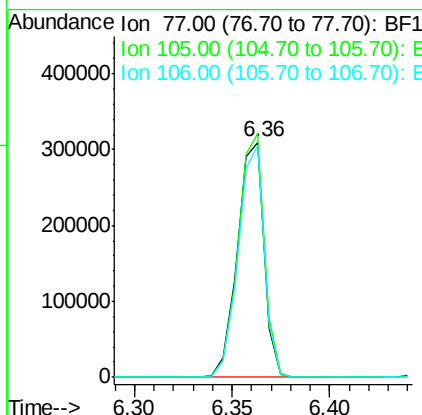
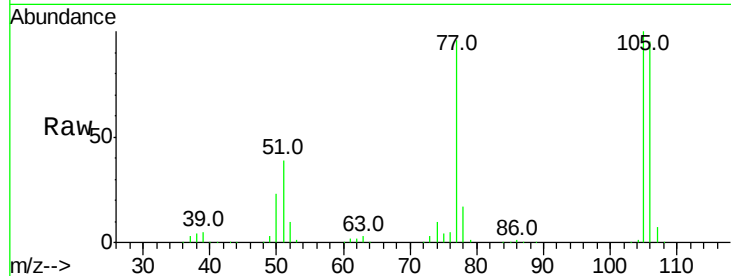




#9
Benzaldehyde
Concen: 61.918 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
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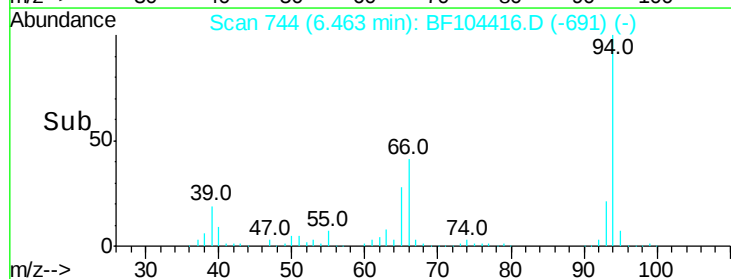
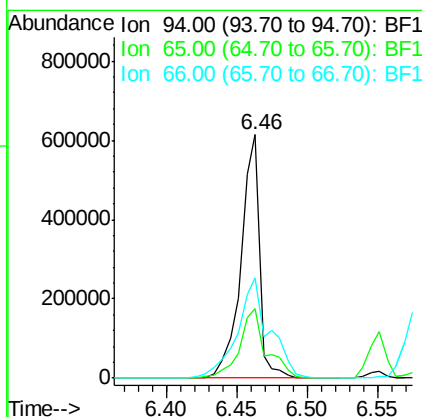
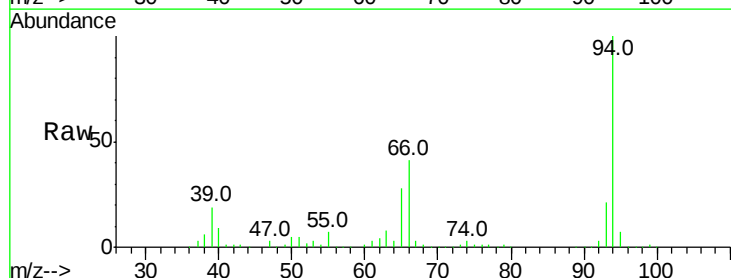
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 290520
Ion Ratio Lower Upper
77 100
105 103.7 81.1 121.1
106 98.6 74.5 114.5



#10
Phenol
Concen: 47.403 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion: 94 Resp: 563654
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 41.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.693 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

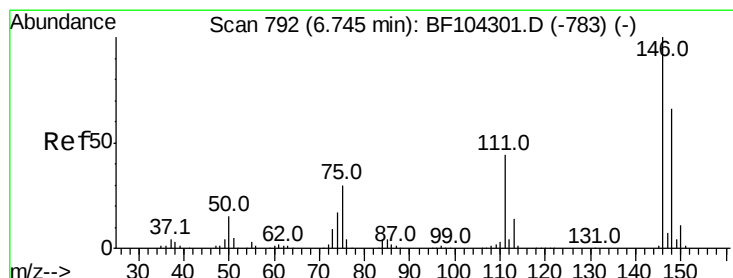
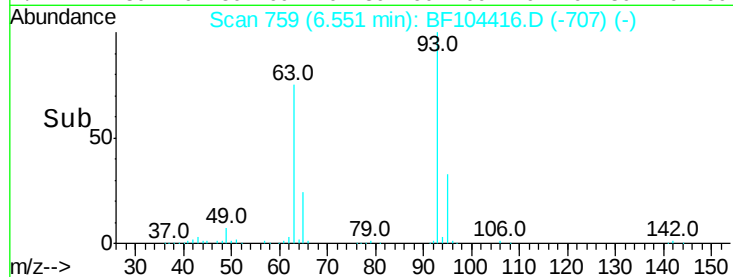
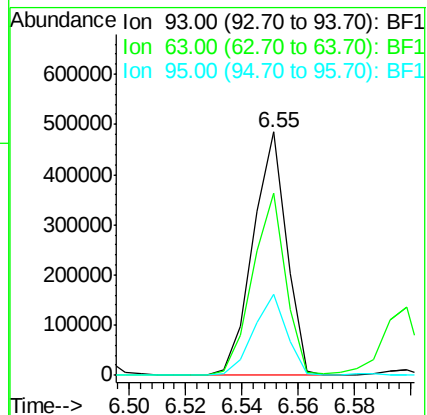
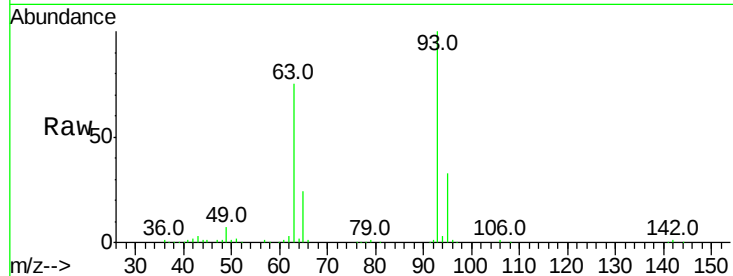
Tot Ion: 93 Resp: 395620

Ion Ratio Lower Upper

93 100

63 74.9 58.6 98.6

95 33.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.384 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

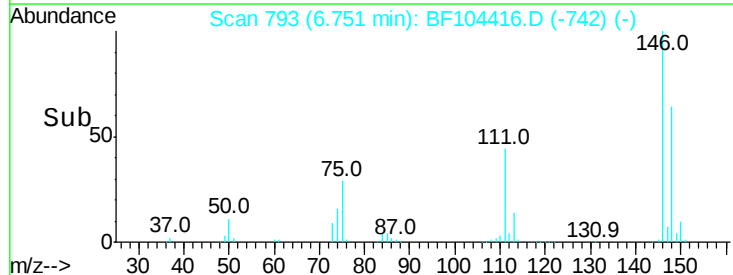
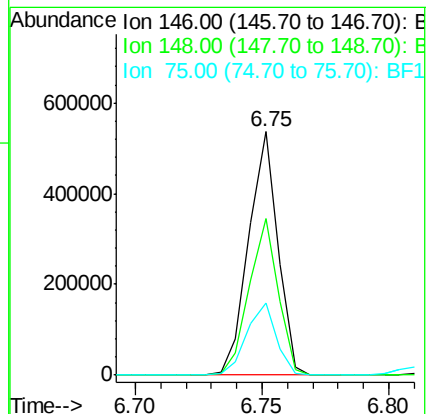
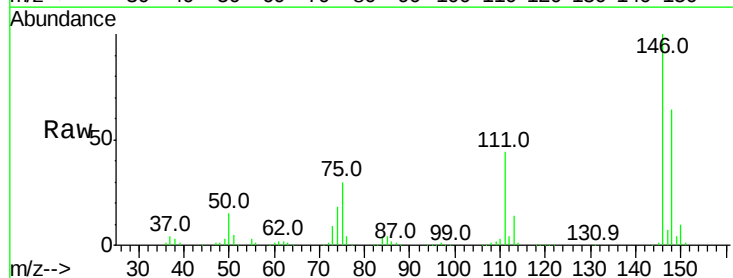
Tgt Ion: 146 Resp: 429530

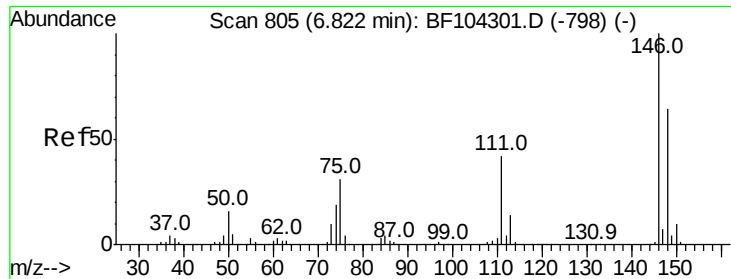
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 29.8 24.2 36.4

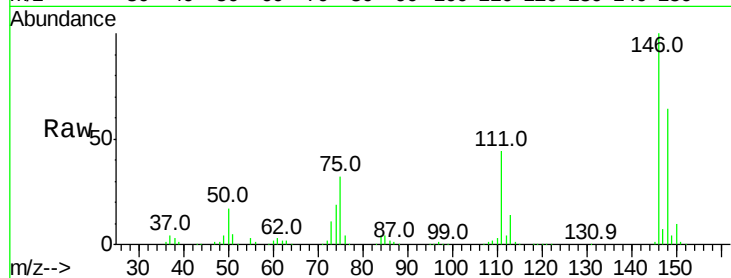




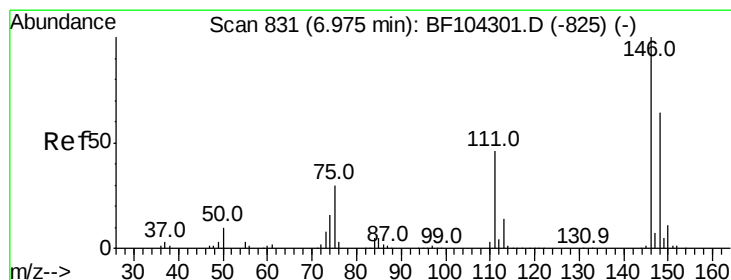
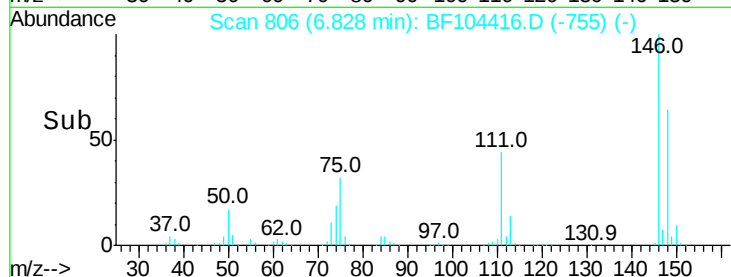
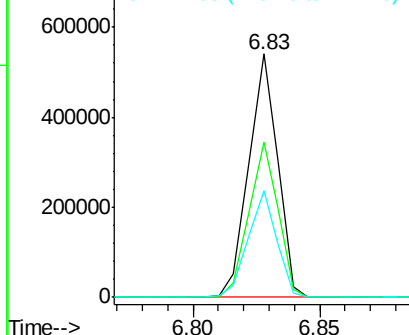
#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 429361
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.7 34.2 51.2

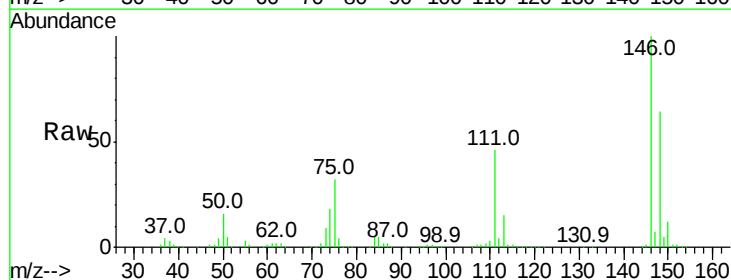


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

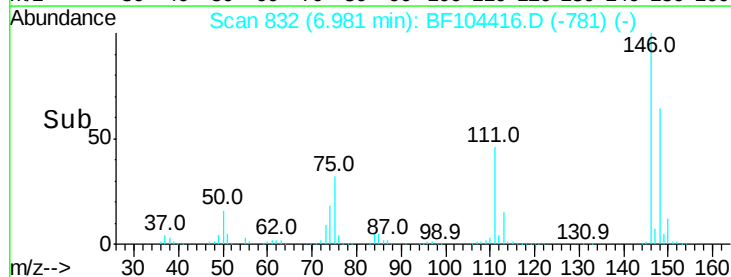
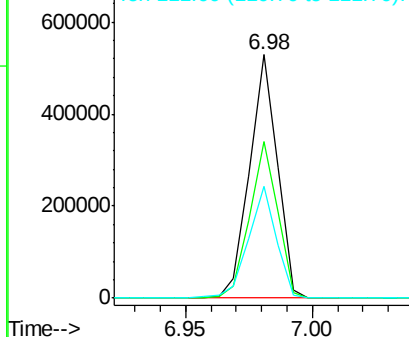


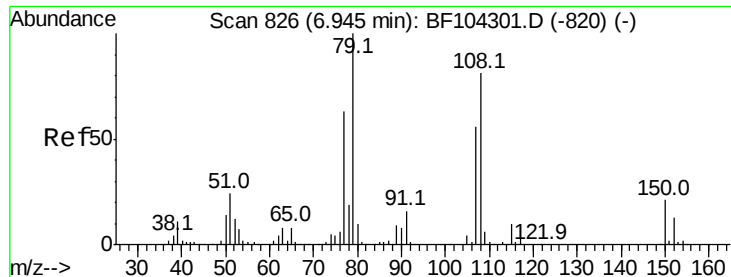
#14
 1,2-Dichlorobenzene
 Concen: 40.044 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:146 Resp: 403437
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 46.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.295 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

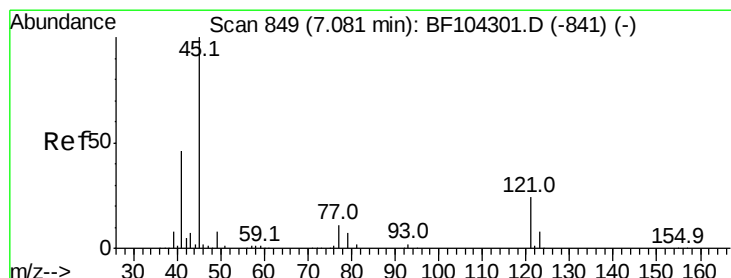
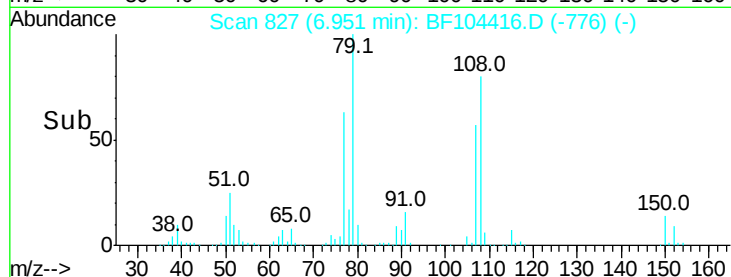
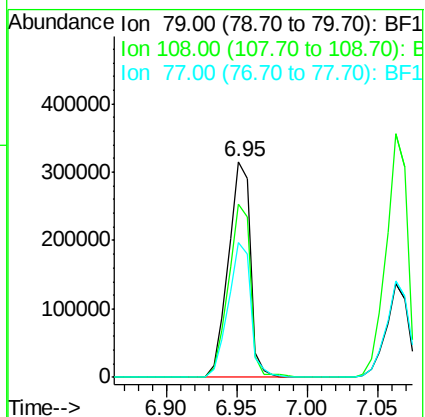
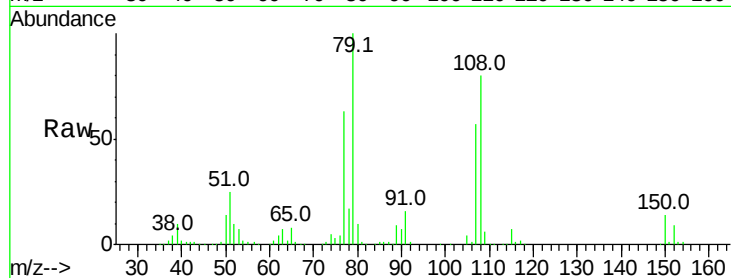
Tot Ion: 79 Resp: 342985

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.662 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

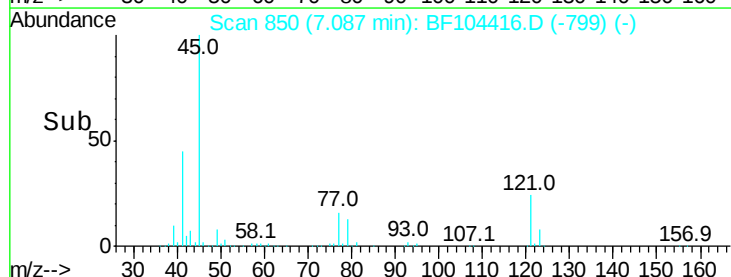
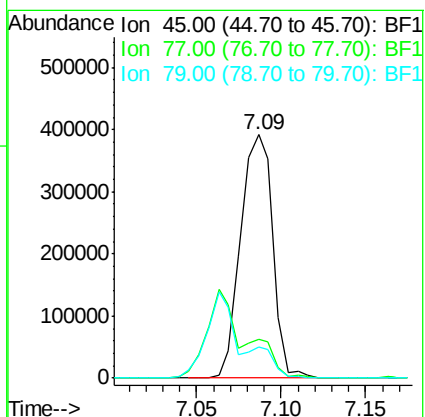
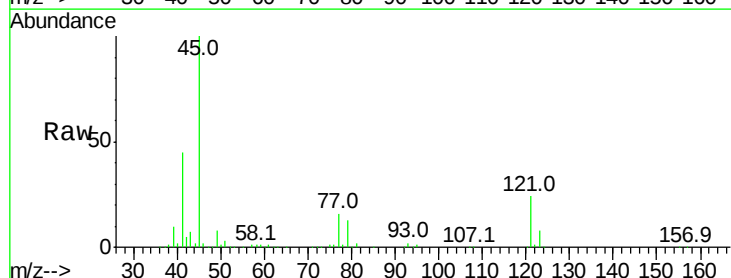
Tgt Ion: 45 Resp: 518157

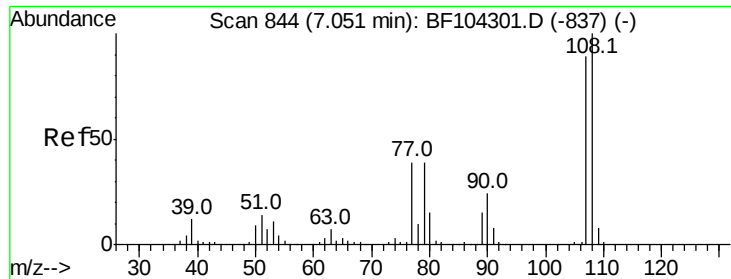
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

79 12.7 0.0 29.6

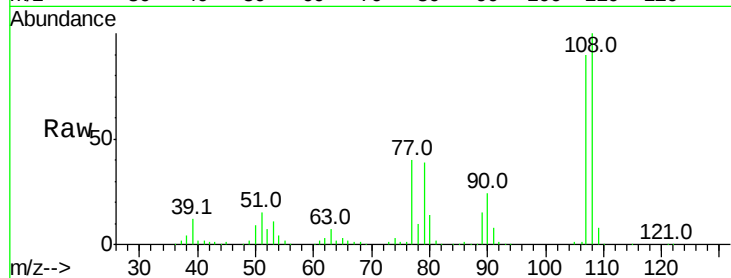




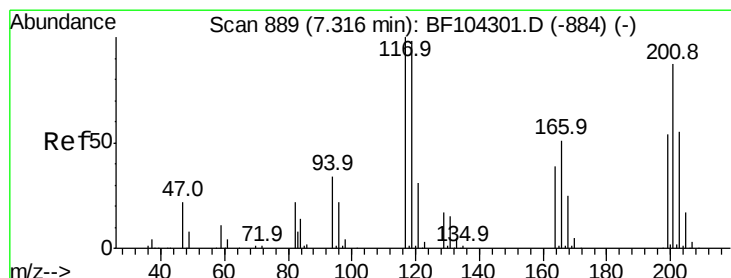
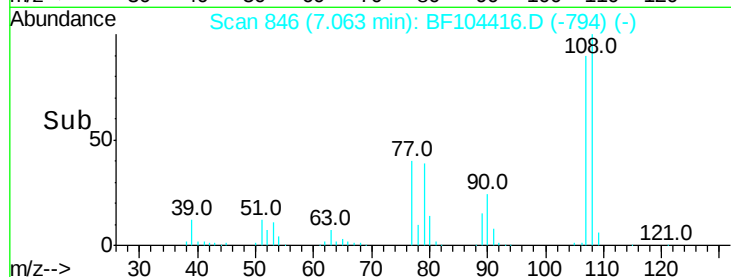
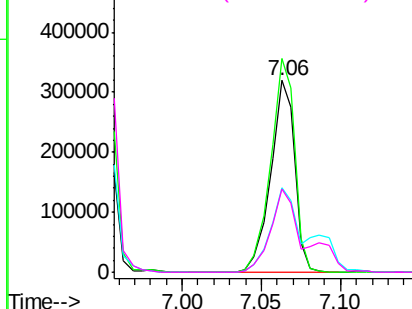
#17
2-Methylphenol
Concen: 40.274 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 337025
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 44.4 33.8 50.8
79 43.2 33.8 50.8

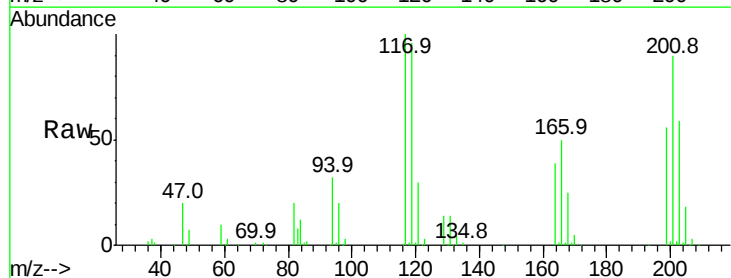


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

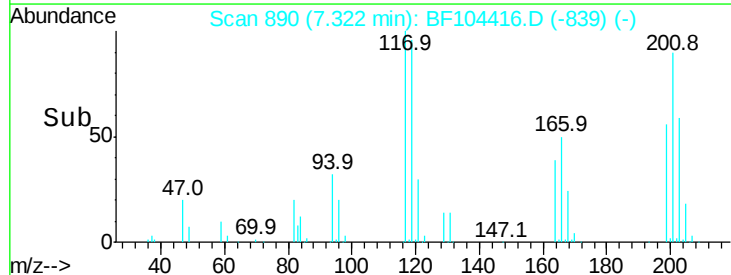
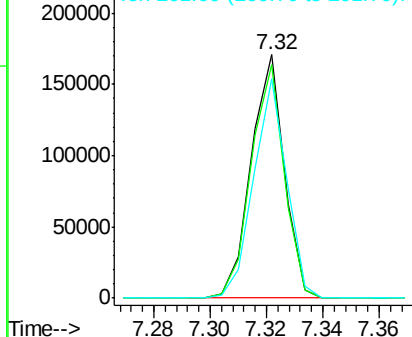


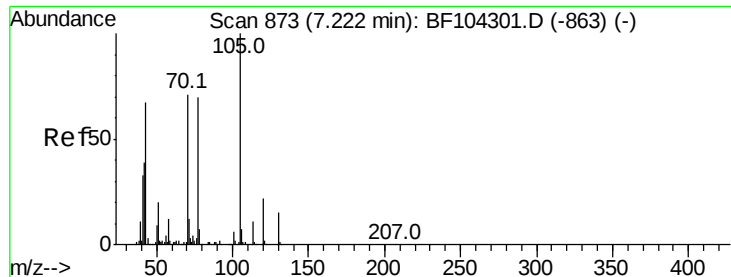
#18
Hexachloroethane
Concen: 35.854 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:117 Resp: 138979
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 90.1 75.7 113.5



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

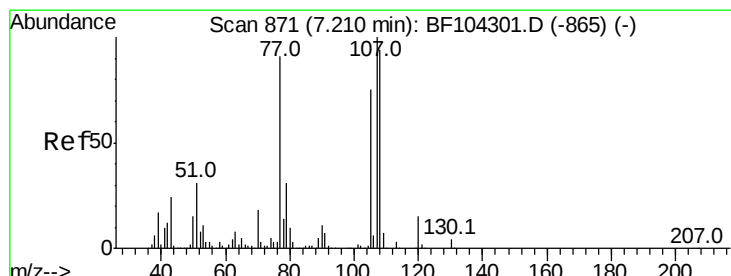
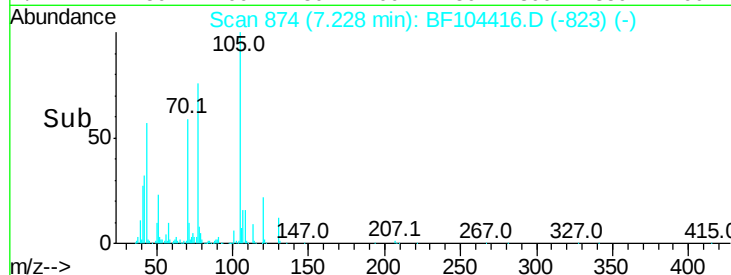
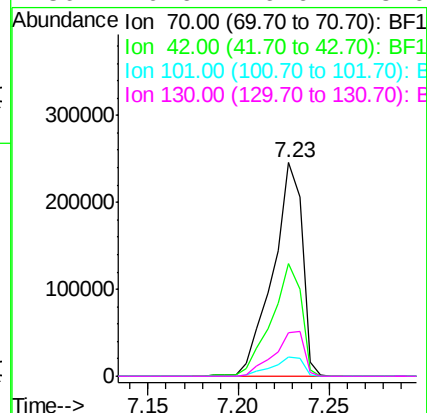
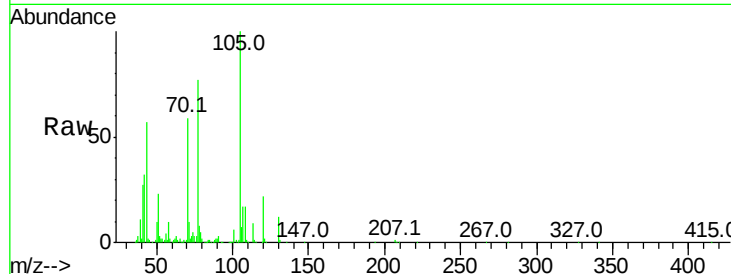




#19
n-Nitroso-di-n-propylamine
Concen: 37.713 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

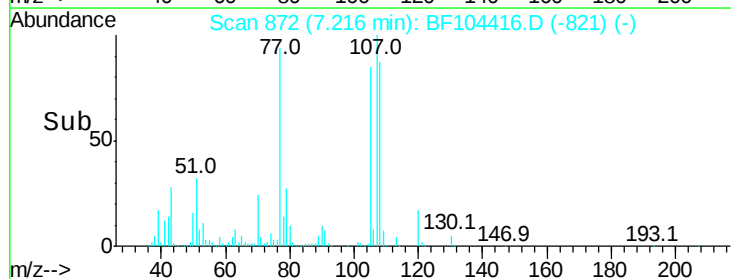
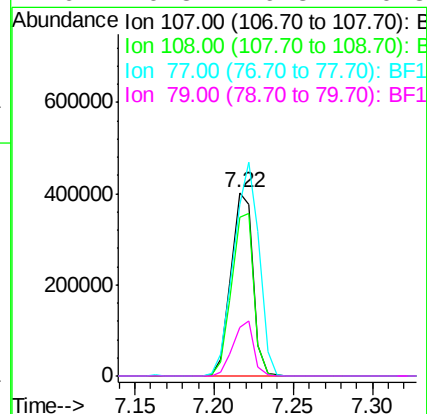
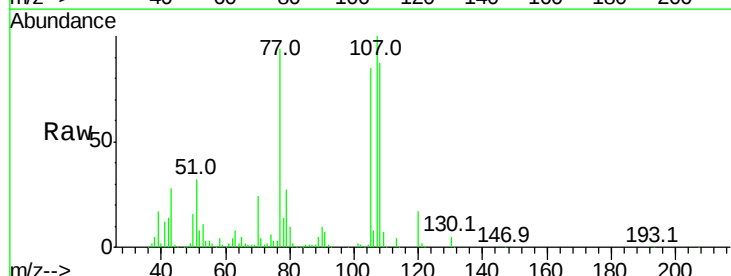
Instrument :
BNA_F
ClientSampleId :

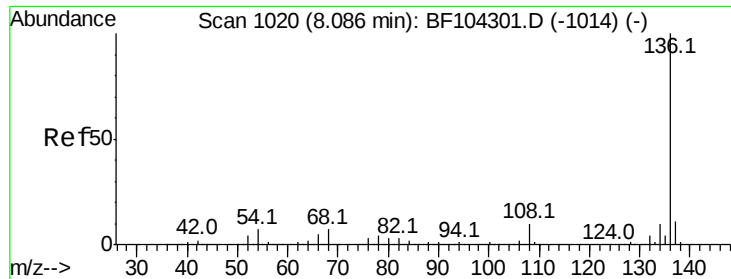
Tot Ion: 70 Resp: 276178
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 9.3 7.4 11.2
130 20.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.320 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:107 Resp: 387325
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 93.7 26.7 66.7#
79 26.8 6.3 46.3

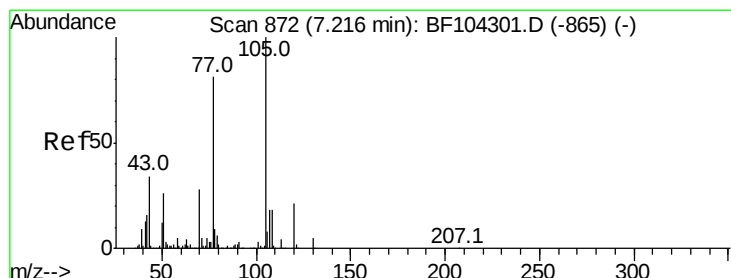
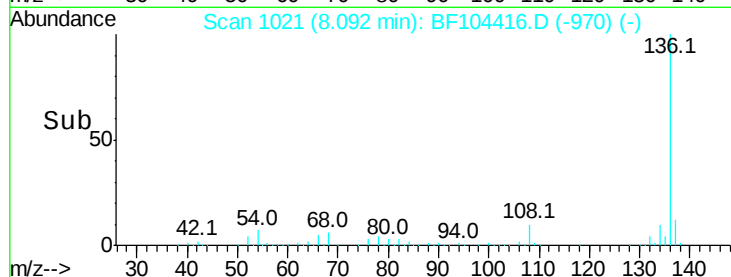
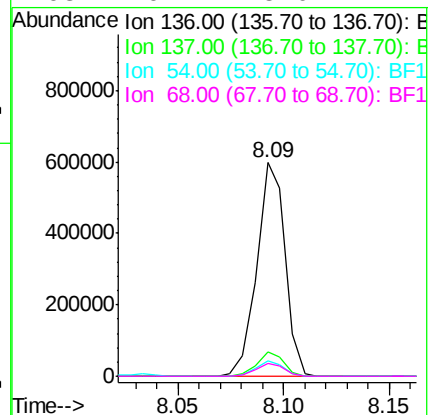
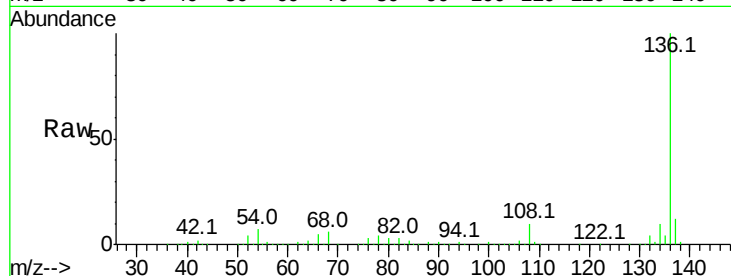




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

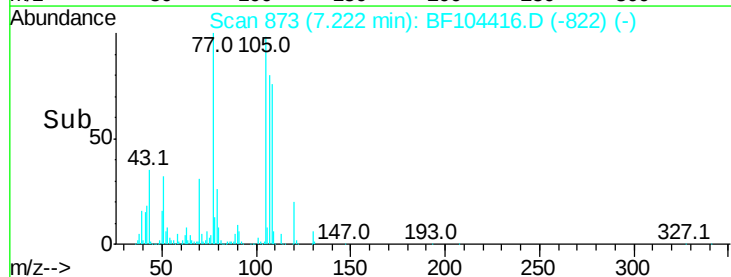
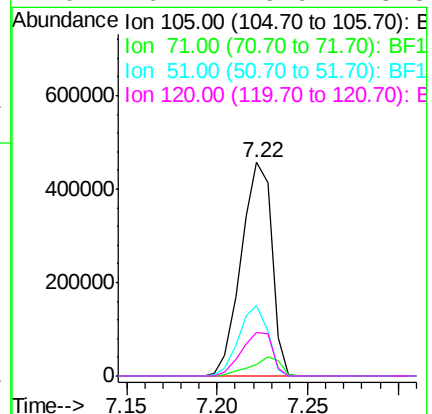
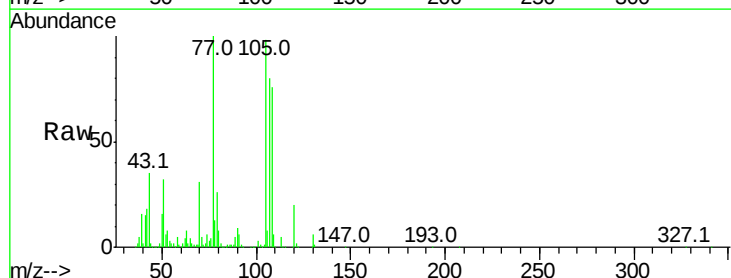
Instrument :
BNA_F
ClientSampleId :

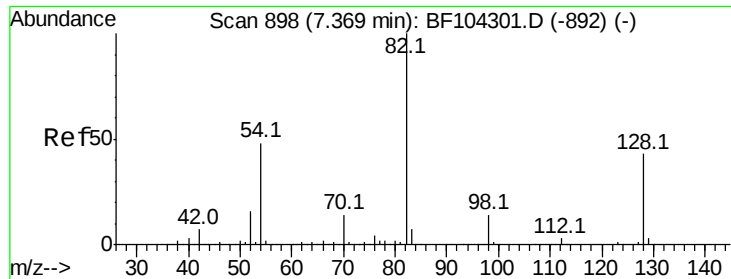
Tot Ion:136	Resp: 556924
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.4	6.6 9.8
68 6.2	5.0 7.4



#22
Acetophenone
Concen: 39.093 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt	Ion:105	Resp:	536013
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.4	6.6
51	32.8	22.3	33.5
120	20.4	16.9	25.3

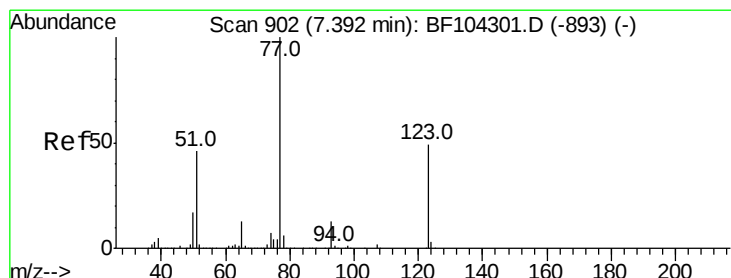
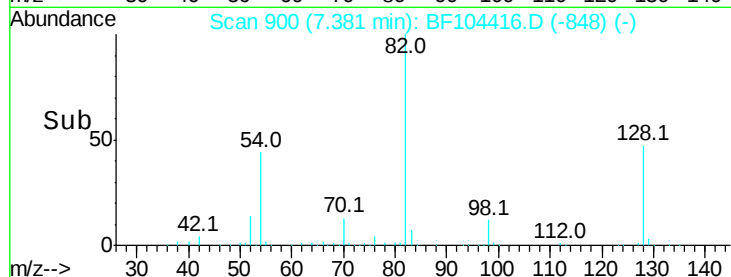
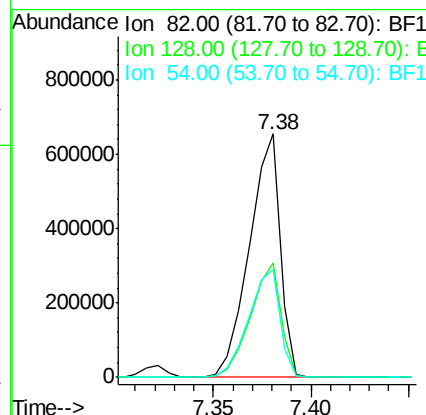
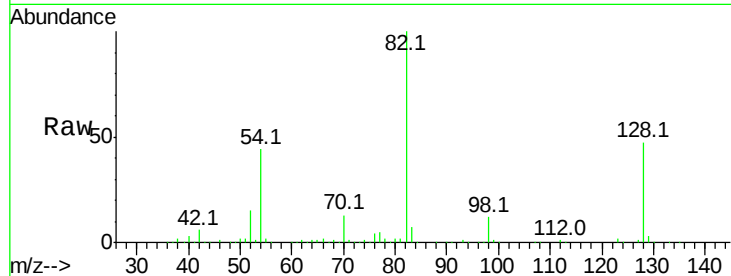




#23
 Nitrobenzene-d5
 Concen: 83.850 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

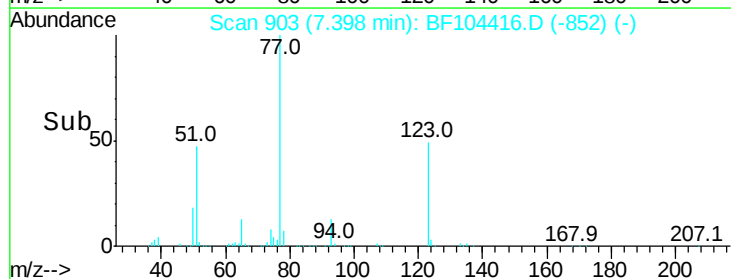
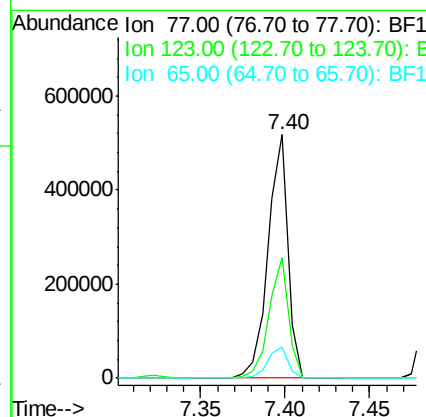
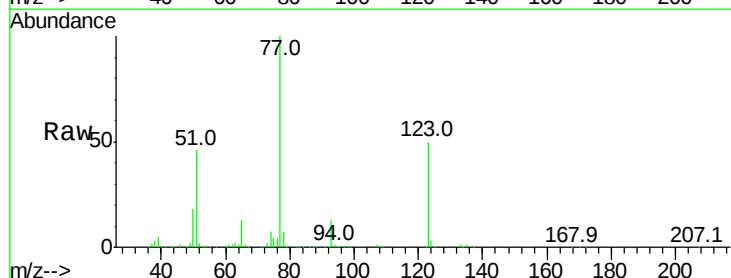
Instrument :
 BNA_F
 ClientSampled :

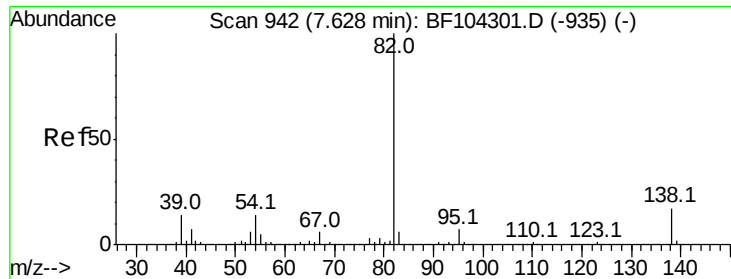
Tot Ion: 82 Resp: 715149
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 44.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 44.831 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion: 77 Resp: 422150
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 38.090 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

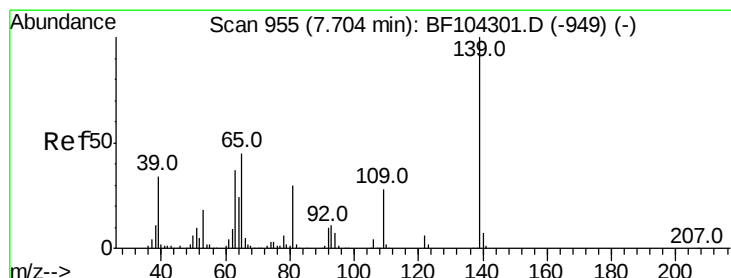
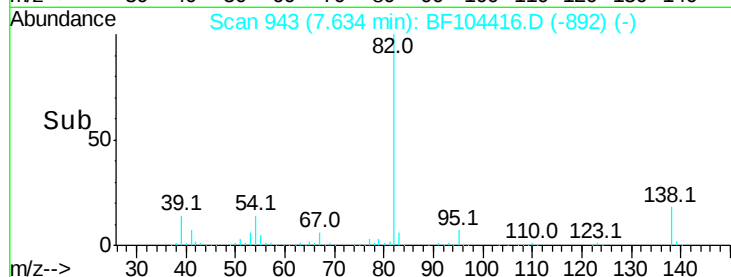
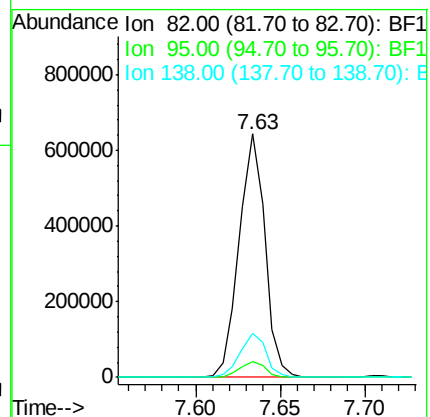
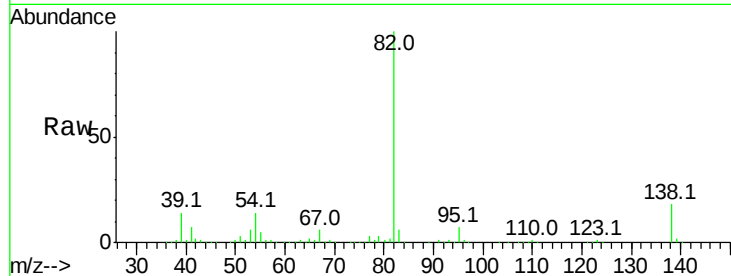
Tot Ion: 82 Resp: 686980

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 53.429 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

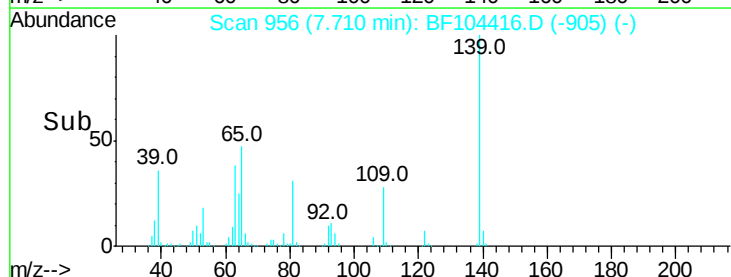
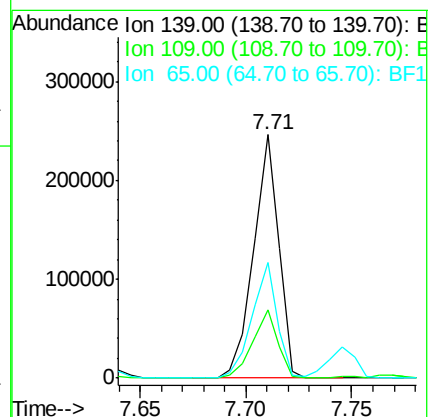
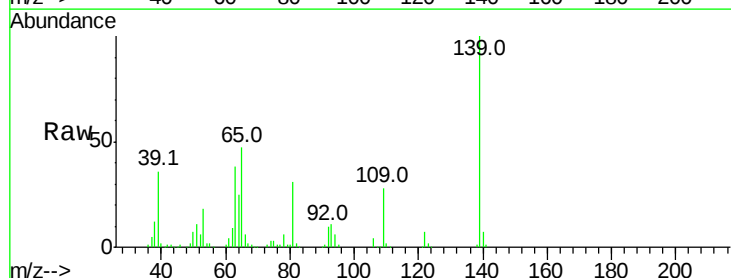
Tgt Ion: 139 Resp: 204818

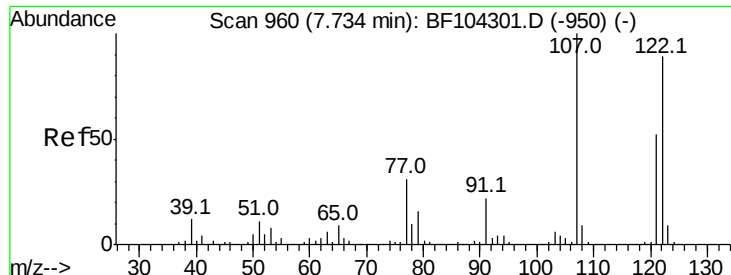
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 47.3 40.5 60.7

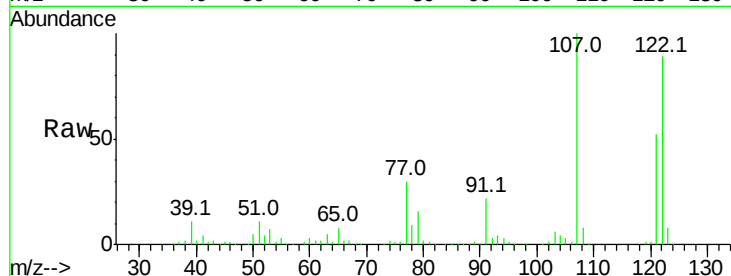




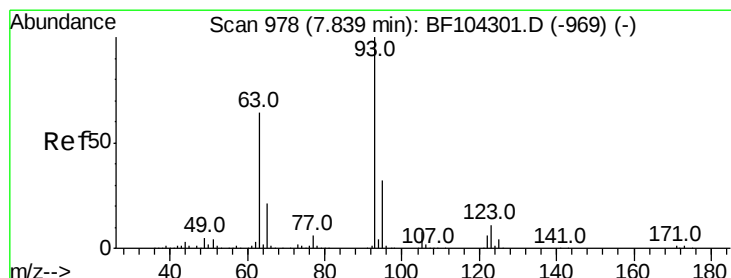
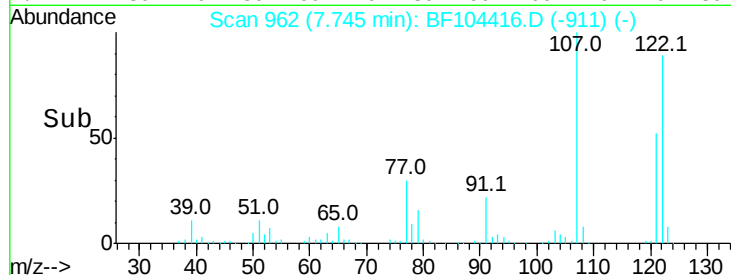
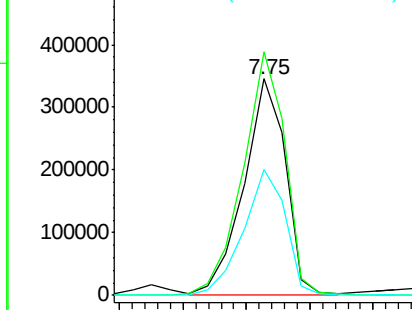
#27
 2,4-Dimethylphenol
 Concen: 39.738 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	58.3	47.2	70.8

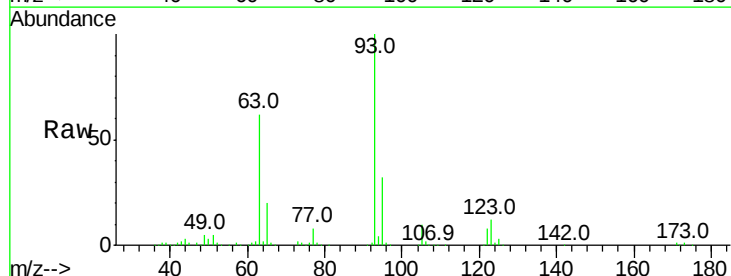


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

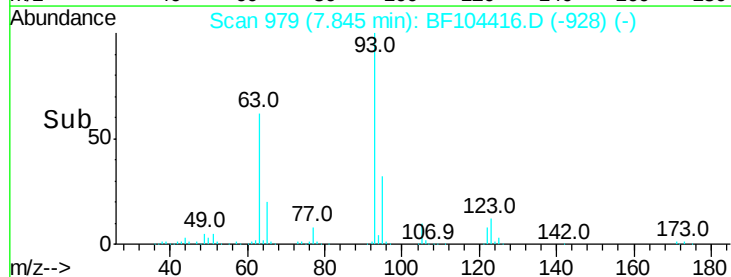
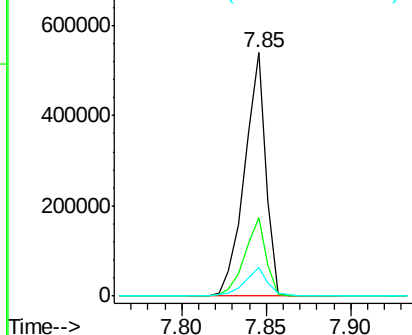


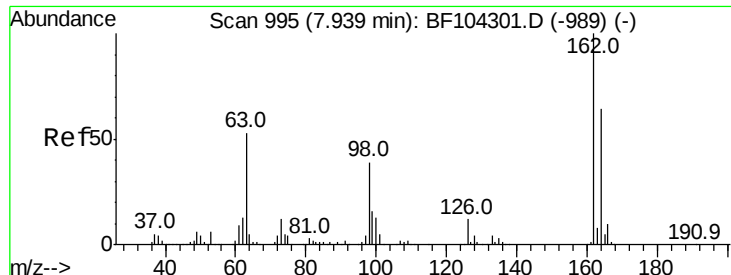
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.975 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	12.0	9.8	14.6



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

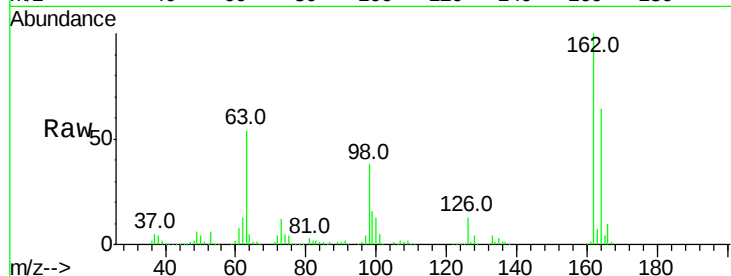




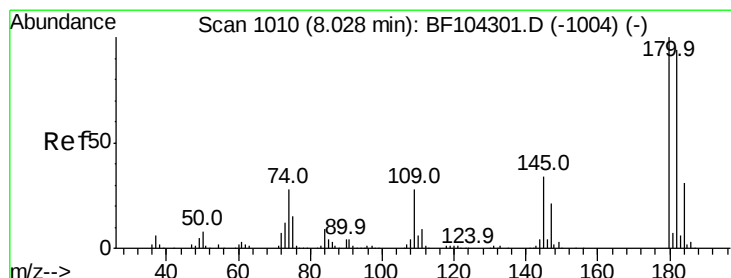
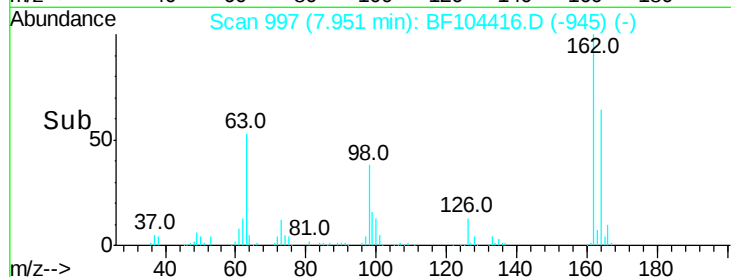
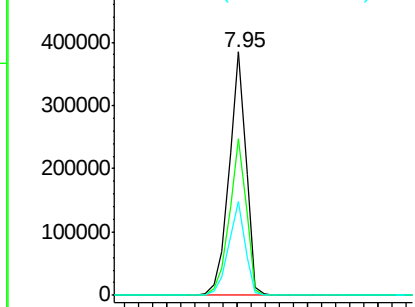
#29
 2,4-Dichlorophenol
 Concen: 42.260 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.4	18.1	58.1

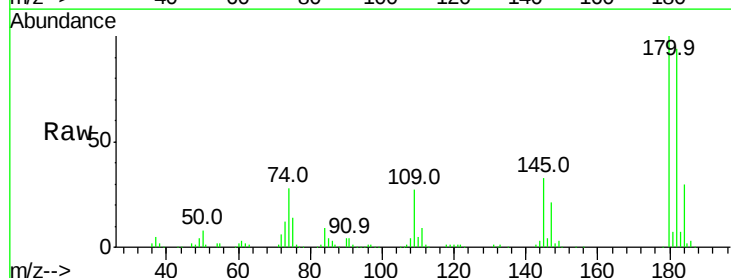


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

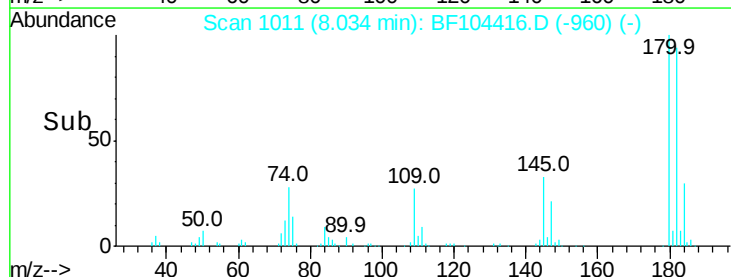
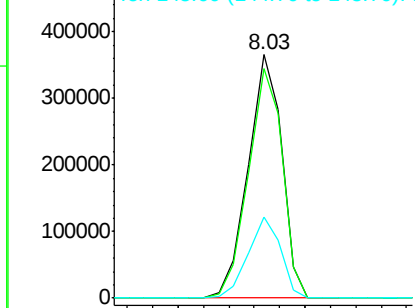


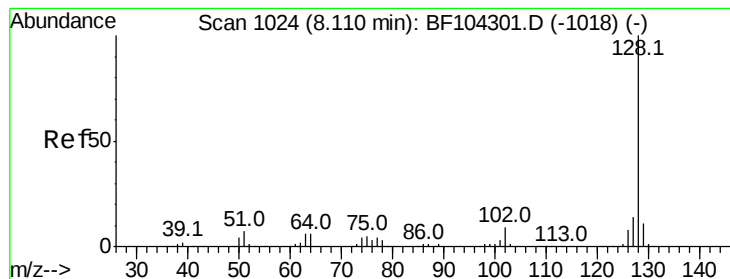
#30
 1,2,4-Trichlorobenzene
 Concen: 40.737 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	33.3	26.5	39.7



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





#31

Naphthalene

Concen: 37.860 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

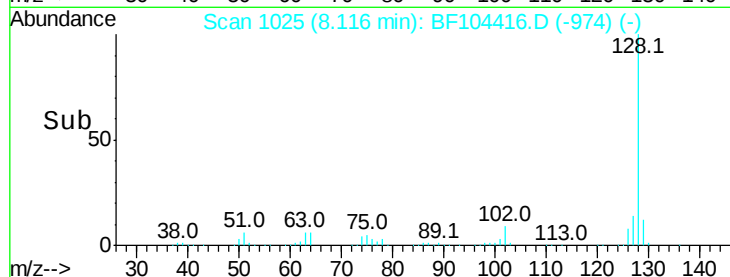
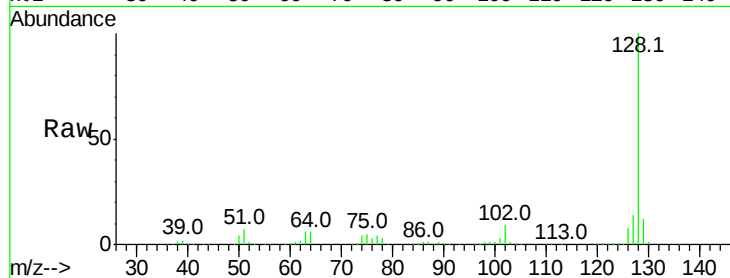
Tot Ion:128 Resp: 1049931

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

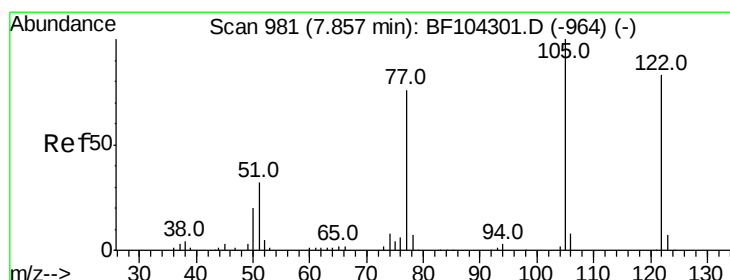
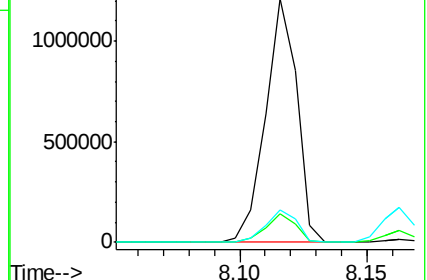
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.411 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

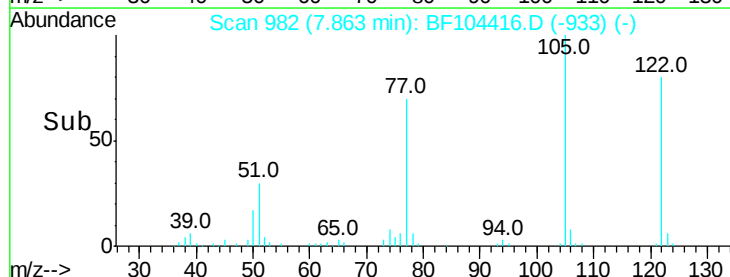
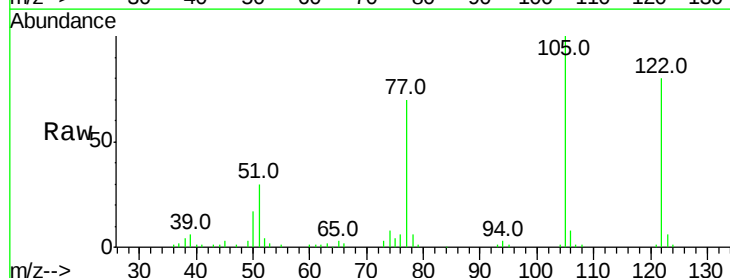
Tgt Ion:122 Resp: 174088

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

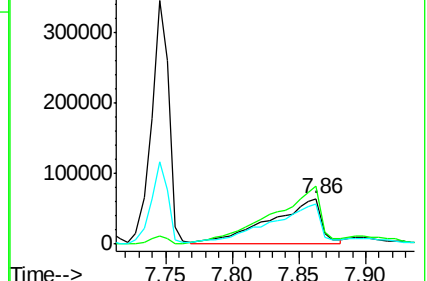
77 87.9 70.7 110.7

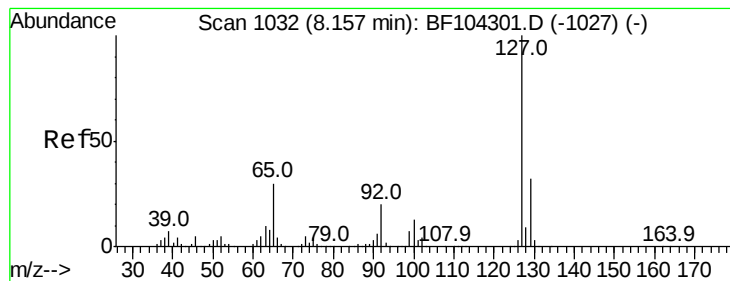


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.725 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 163059

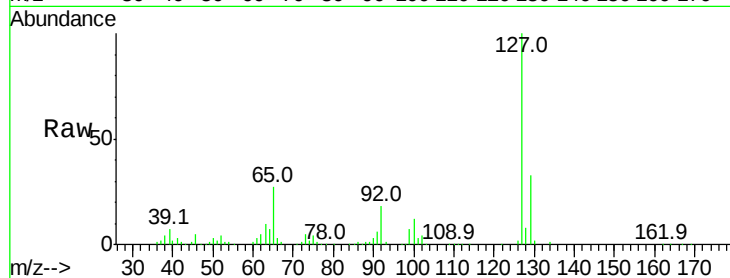
Ion Ratio Lower Upper

127 100

129 33.4 25.9 38.9

65 26.7 25.0 37.4

92 17.8 15.2 22.8

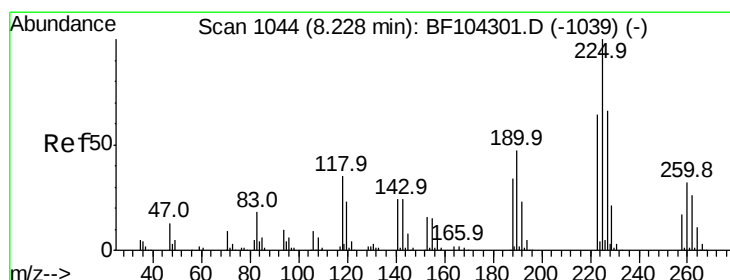
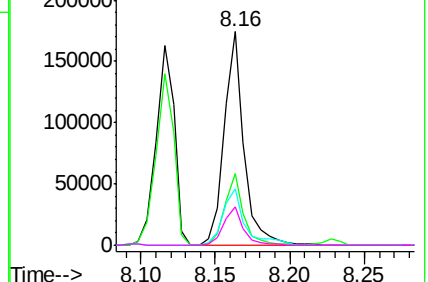
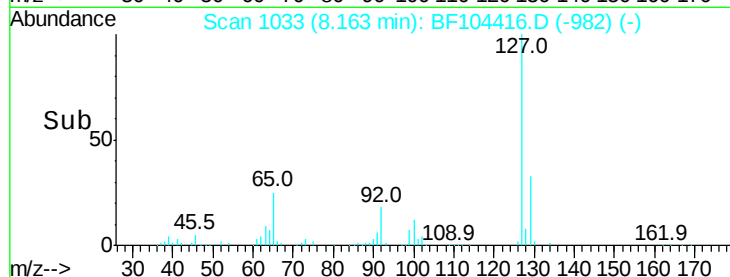


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.350 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

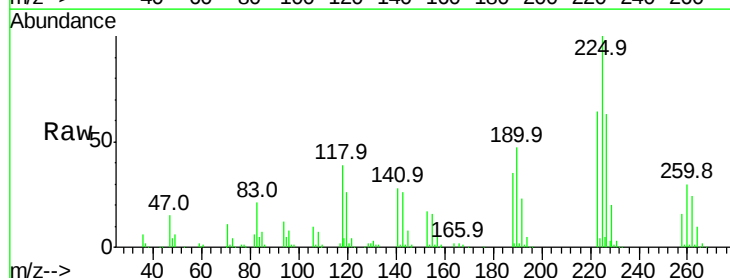
Tgt Ion:225 Resp: 188776

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

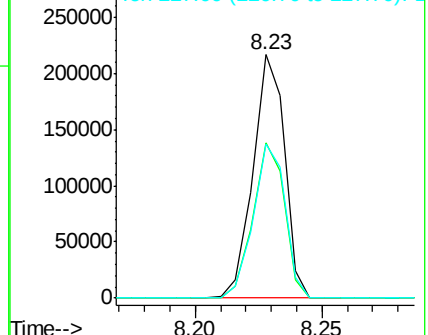
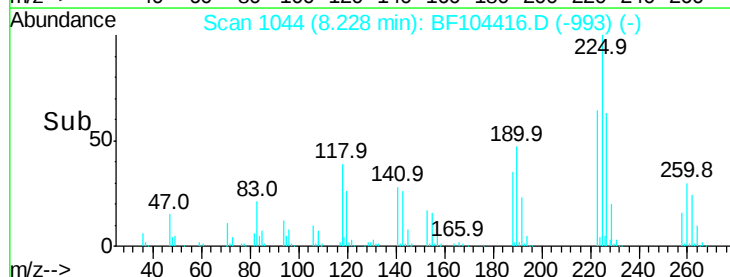
227 63.0 51.9 77.9

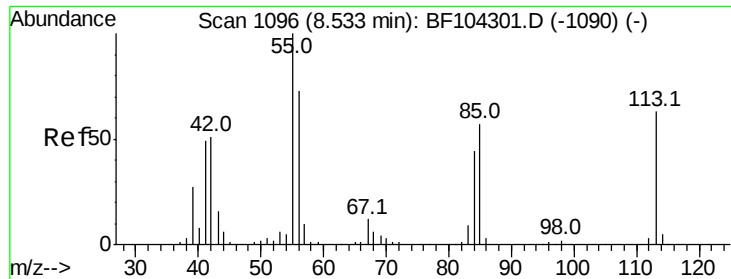


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.467 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

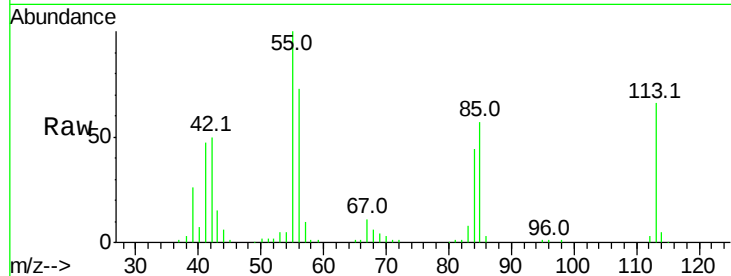
Tot Ion:113 Resp: 99266

Ion Ratio Lower Upper

113 100

55 152.4 163.3 203.3#

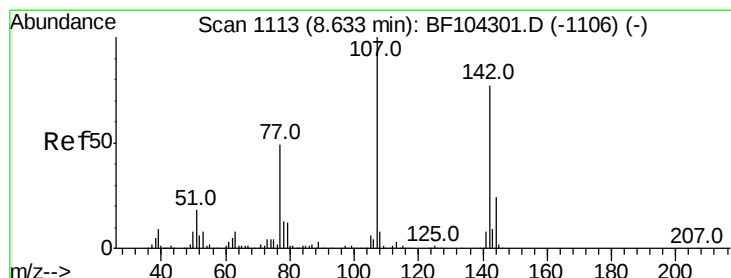
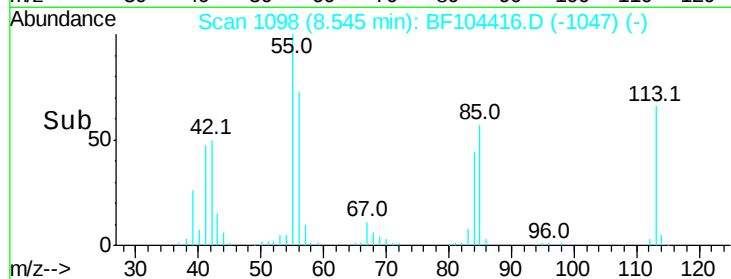
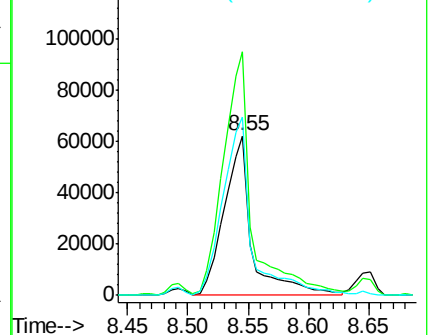
56 112.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.389 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

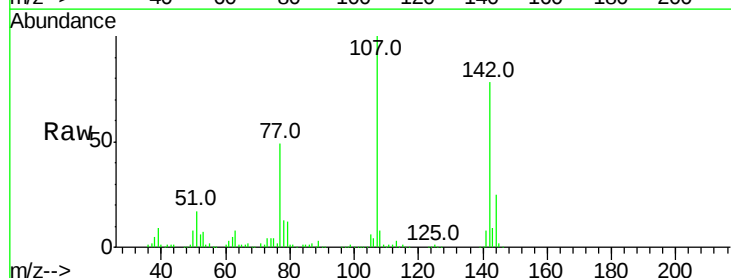
Tgt Ion:107 Resp: 337054

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

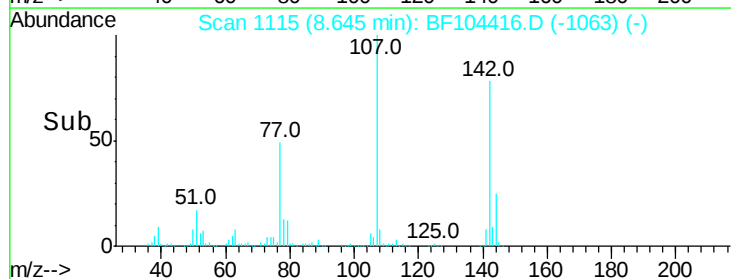
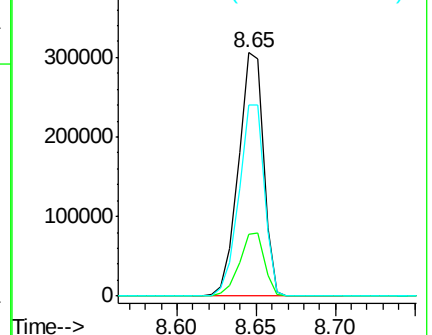
142 78.4 62.0 93.0

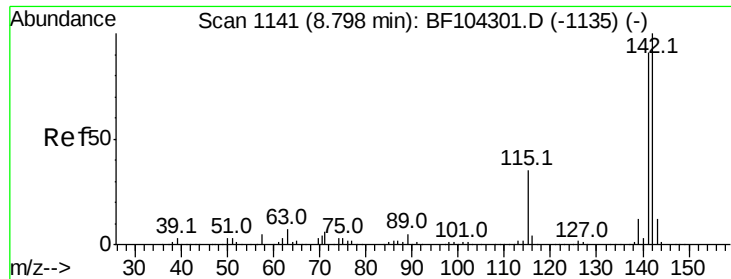


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

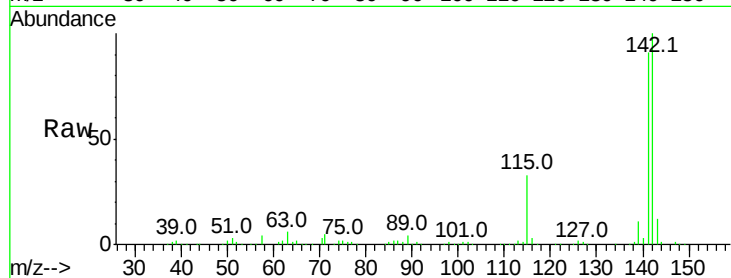




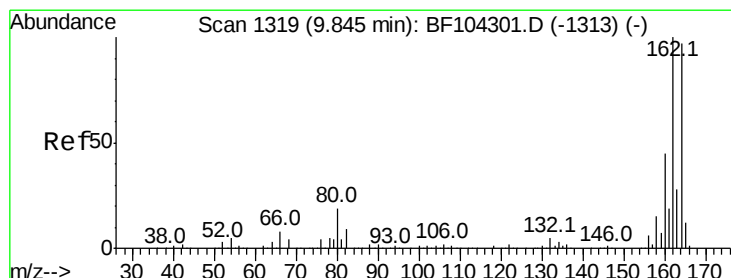
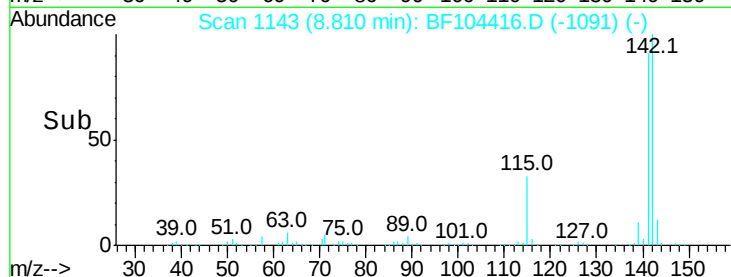
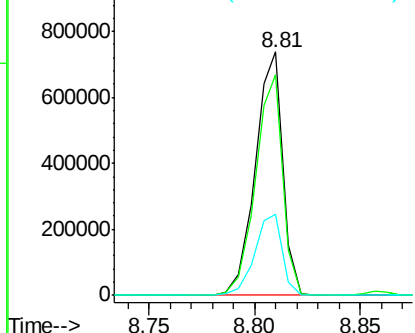
#37
2-Methylnaphthalene
Concen: 36.987 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	33.1	26.1	39.1

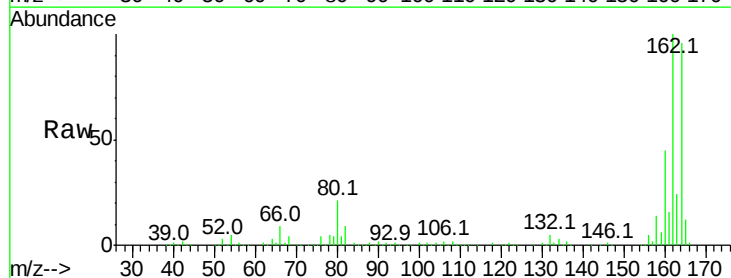


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

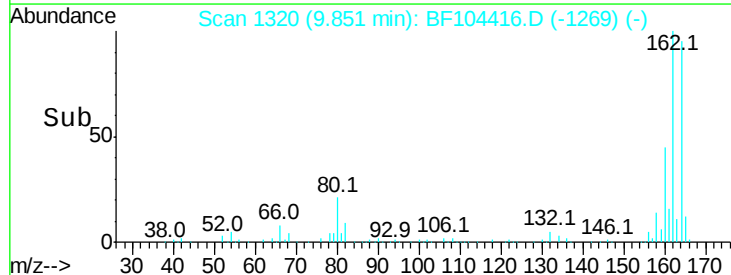
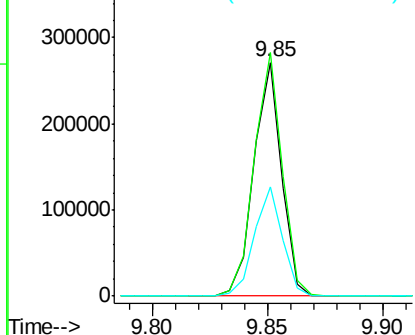


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.6	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: 45.774 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 296873

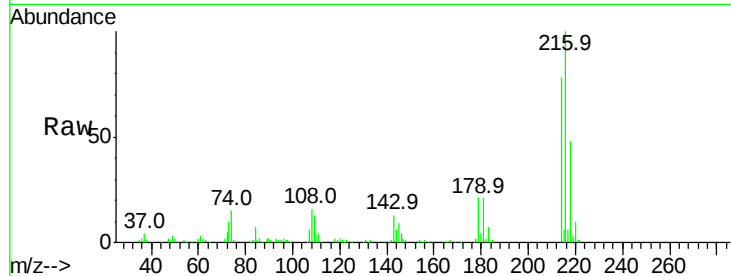
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 22.1 18.1 27.1

108 19.3 17.2 25.8

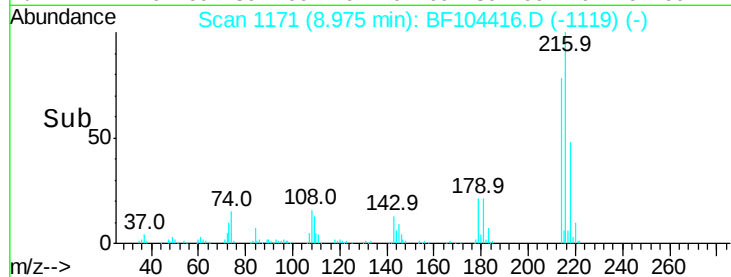
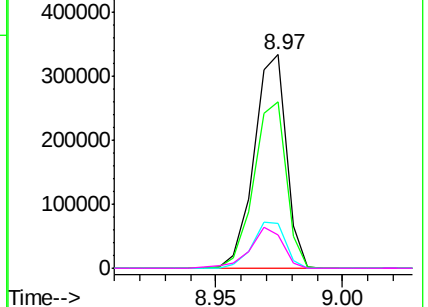


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.606 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

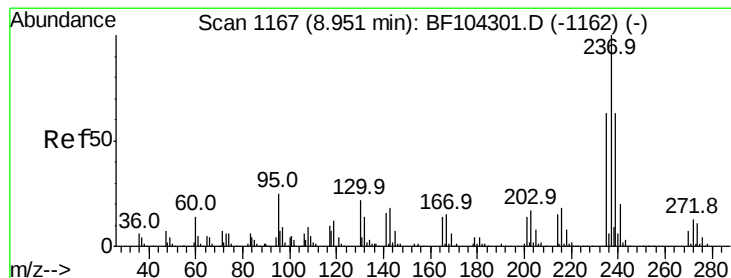
Tgt Ion:237 Resp: 63924

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

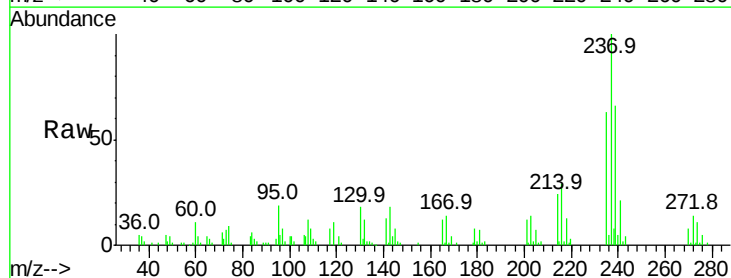
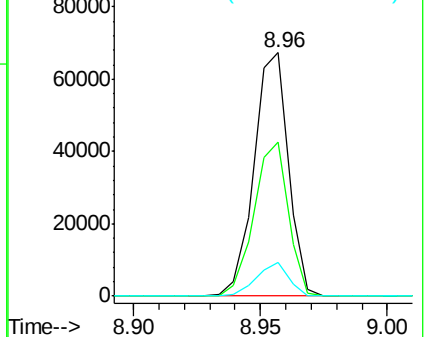
272 14.0 0.0 33.3

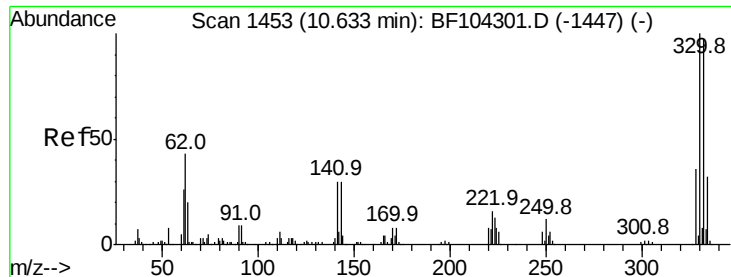


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

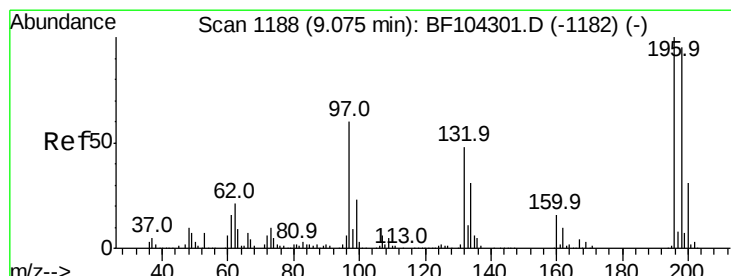
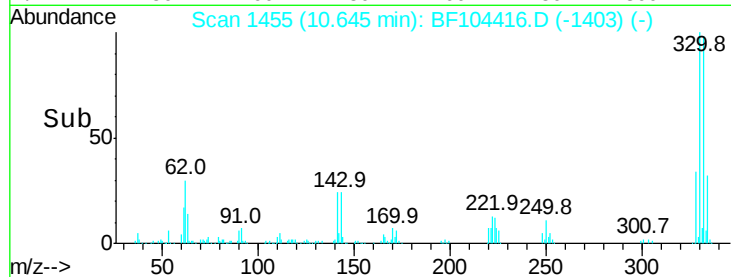
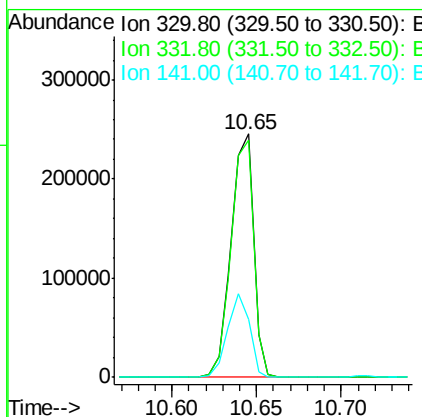
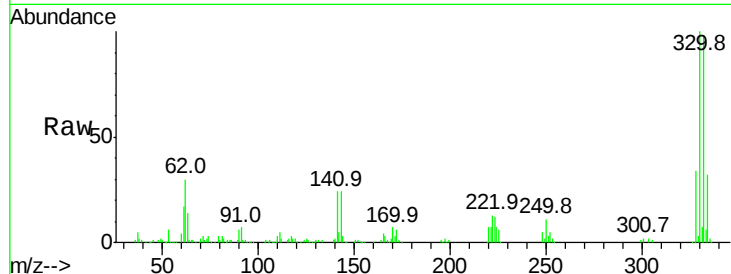




#41
 2,4,6-Tribromophenol
 Concen: 96.696 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

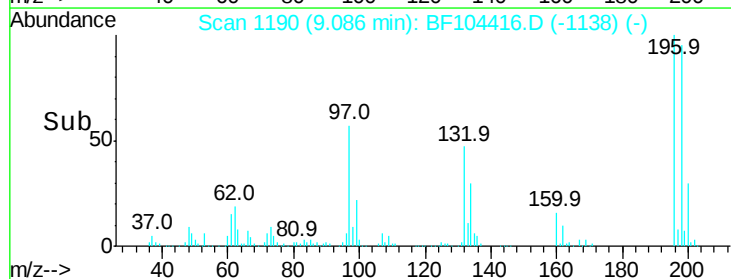
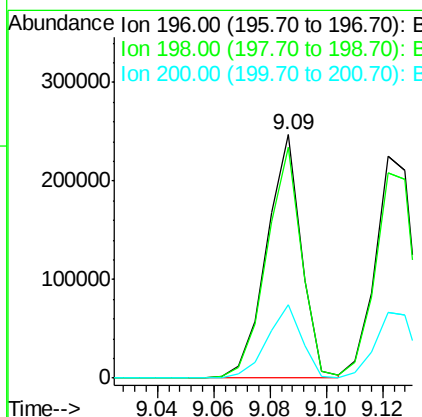
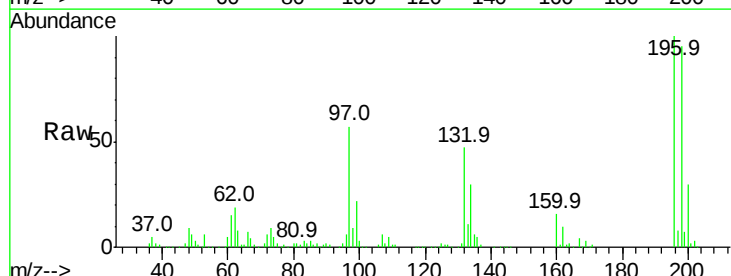
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	33.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.715 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.0	24.5	36.7

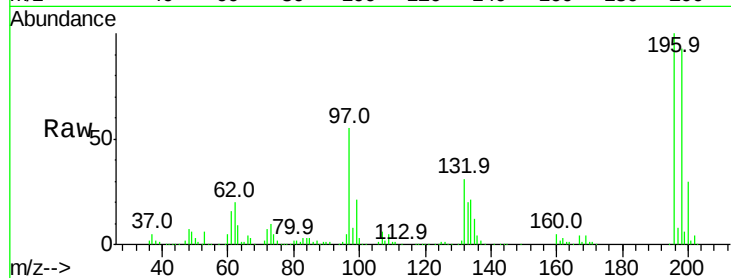




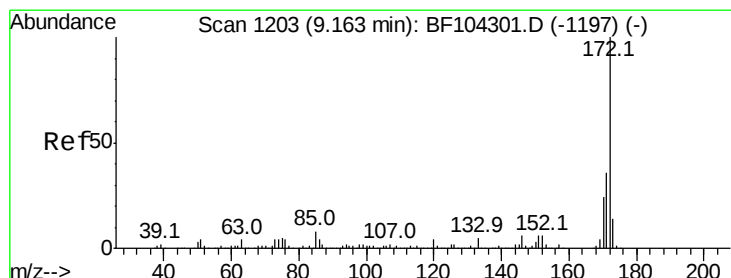
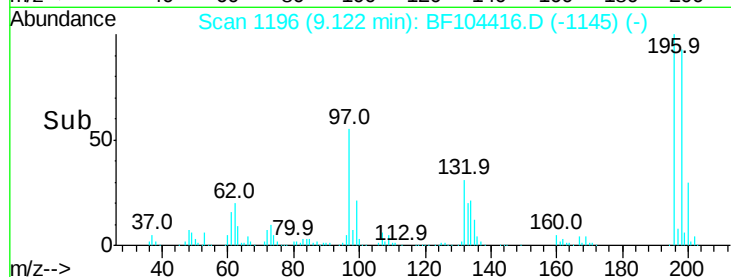
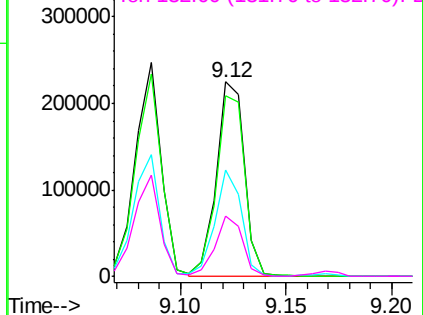
#43
 2,4,5-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207051
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.6 112.0
 97 54.7 42.9 64.3
 132 31.2 26.3 39.5

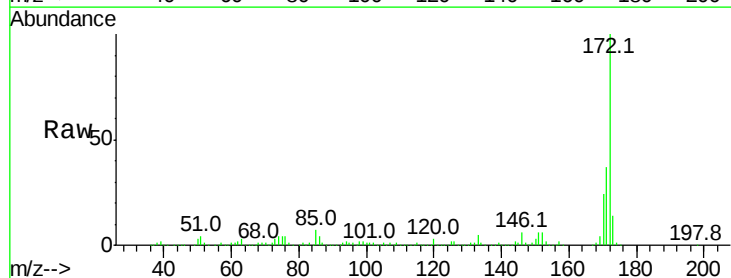


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

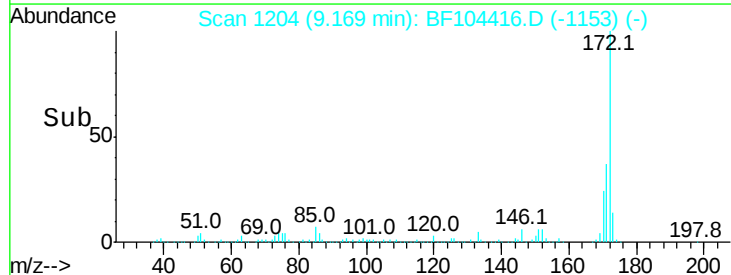
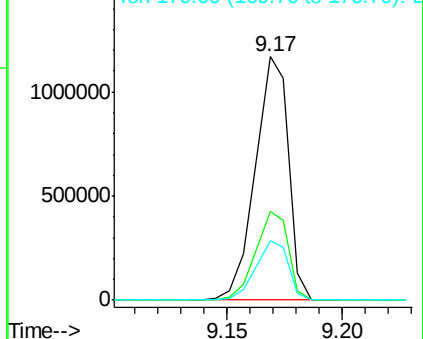


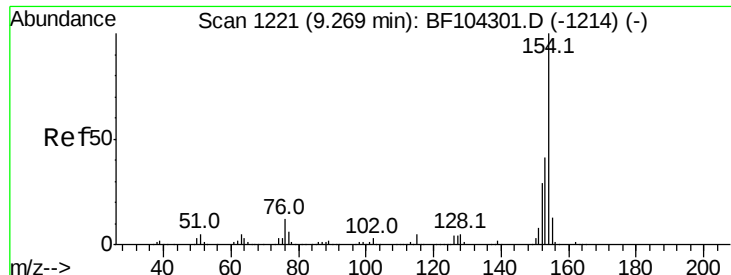
#44
 2-Fluorobiphenyl
 Concen: 81.557 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:172 Resp: 1169675
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.585 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

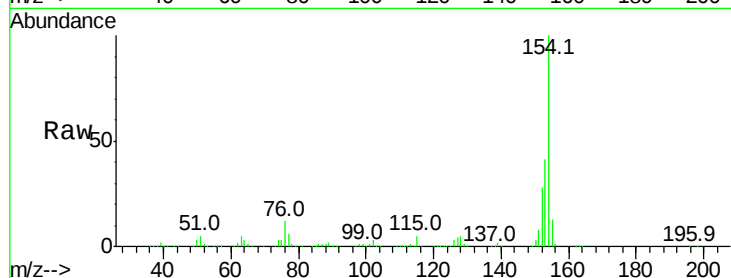
Tot Ion:154 Resp: 829563

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

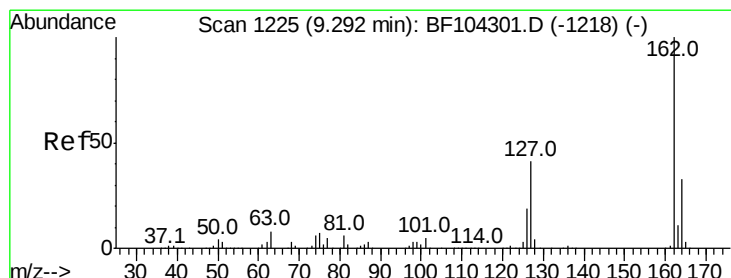
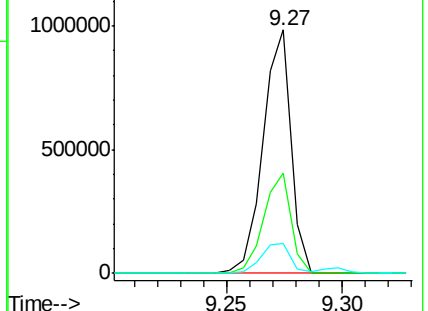
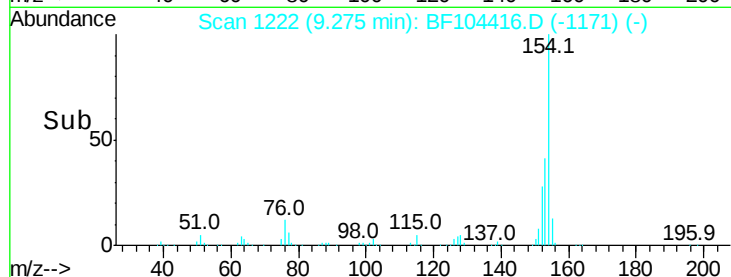
76 12.1 0.0 34.0



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: 43.142 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

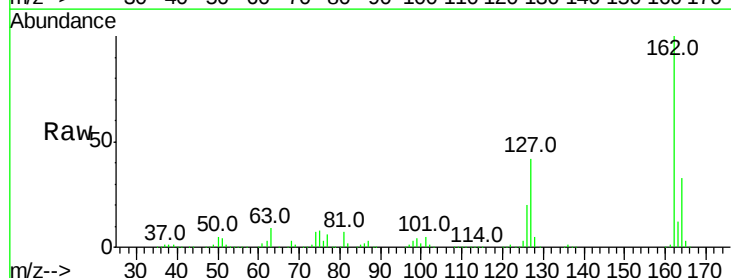
Tgt Ion:162 Resp: 648593

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

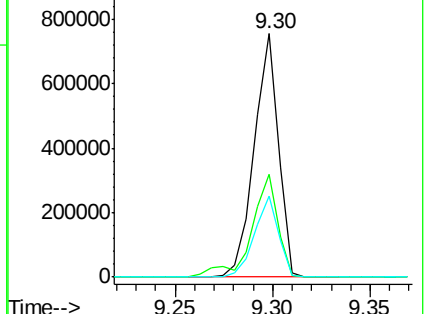
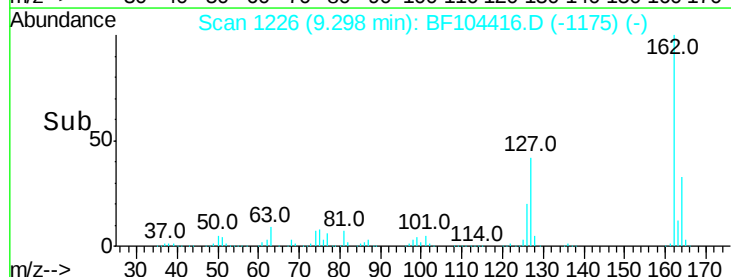
164 33.1 26.5 39.7

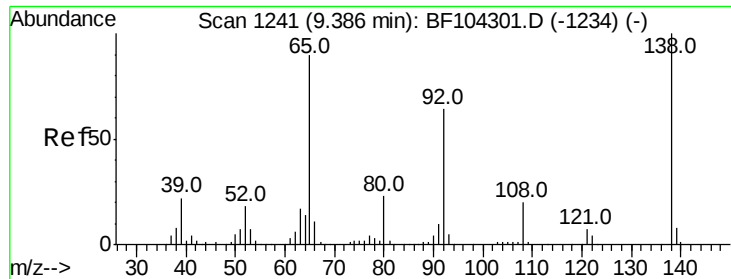


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

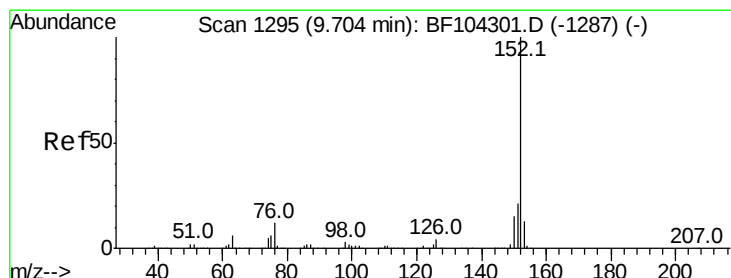
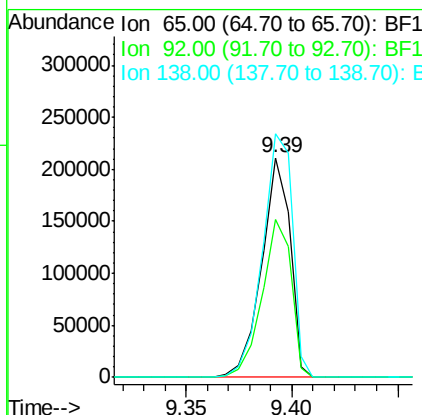
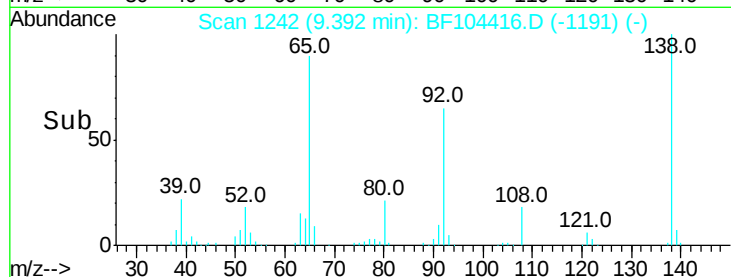
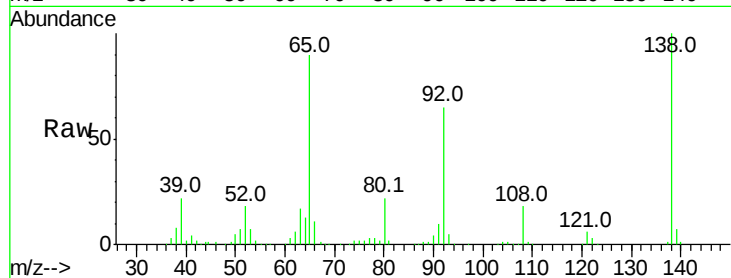




#47
2-Nitroaniline
Concen: 53.460 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

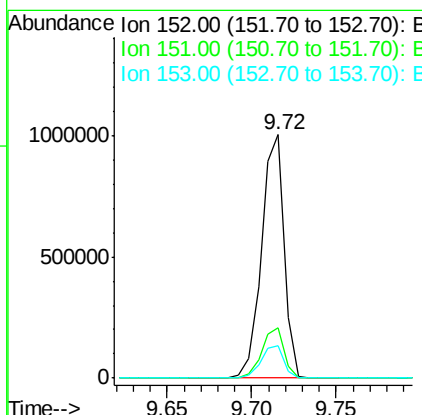
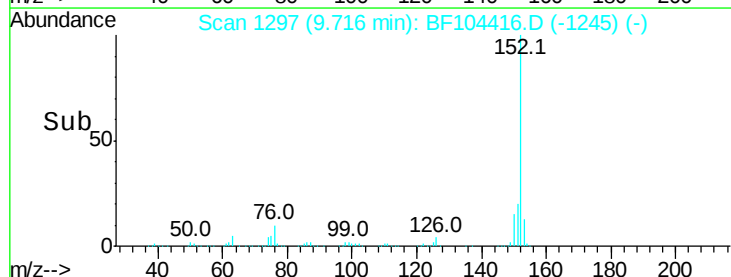
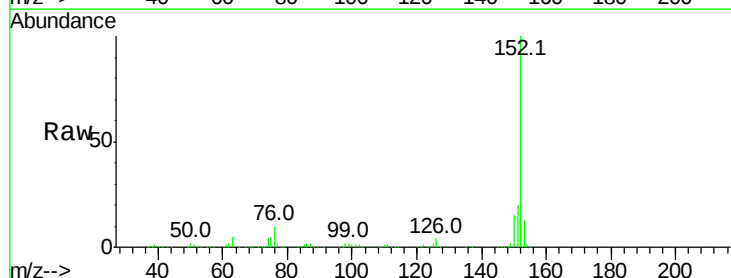
Instrument :
BNA_F
ClientSampleId :

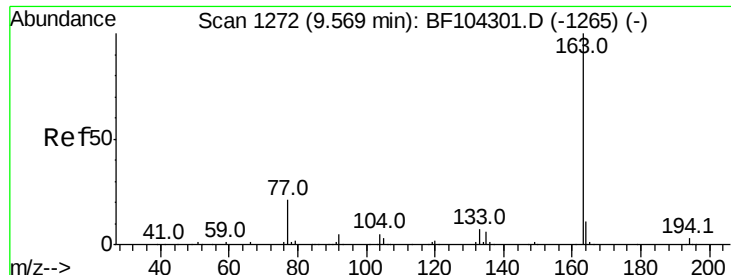
Tot Ion: 65 Resp: 198757
Ion Ratio Lower Upper
65 100
92 71.7 55.8 83.6
138 110.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.366 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:152 Resp: 928537
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1

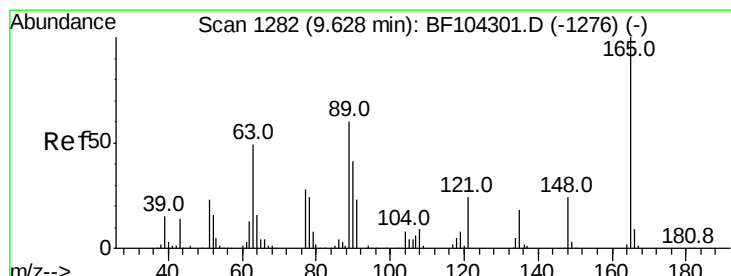
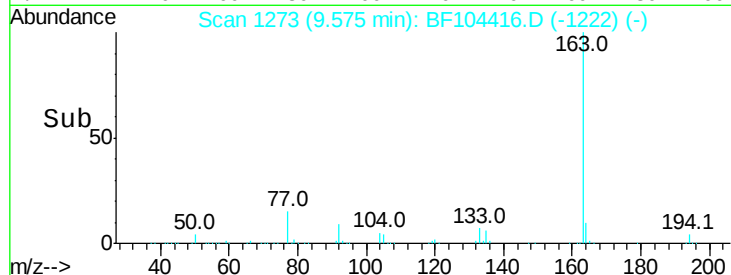
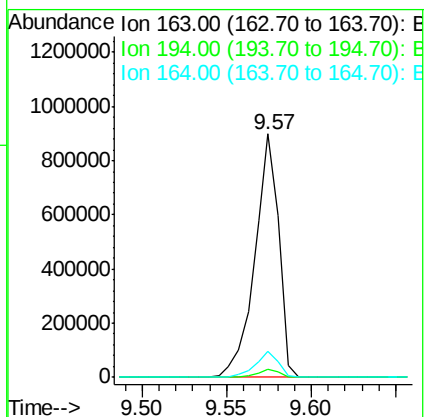
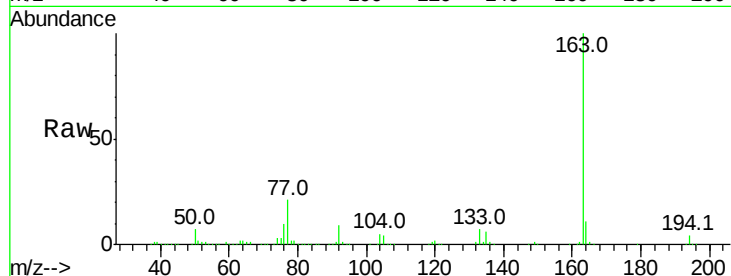




#49
Dimethylphthalate
Concen: 49.537 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

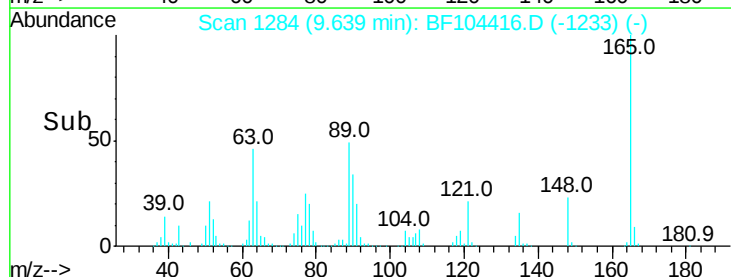
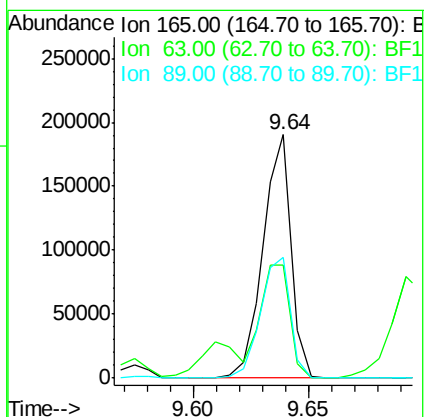
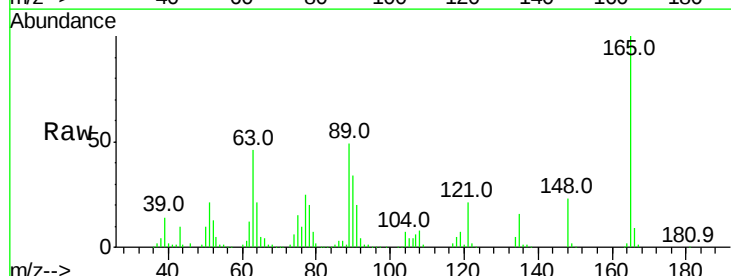
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 885047
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 48.677 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:165 Resp: 160927
Ion Ratio Lower Upper
165 100
63 46.2 44.7 67.1
89 49.5 44.0 66.0





#51

Acenaphthene

Concen: 37.551 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

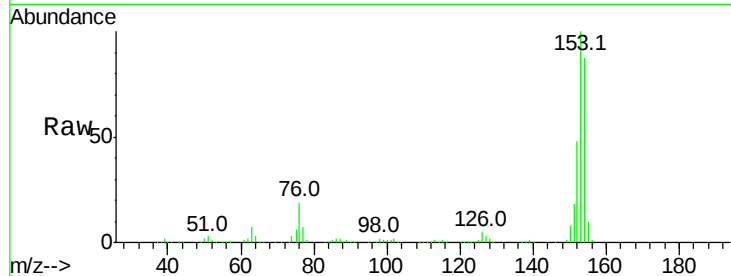
Tot Ion:154 Resp: 540411

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

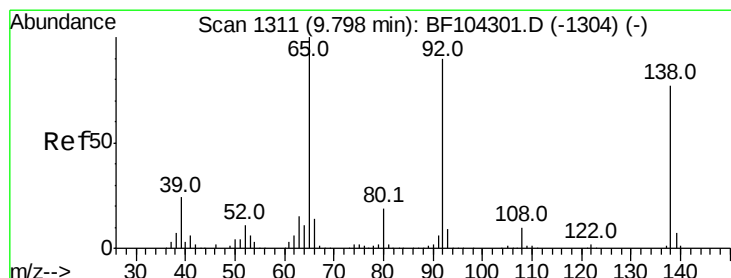
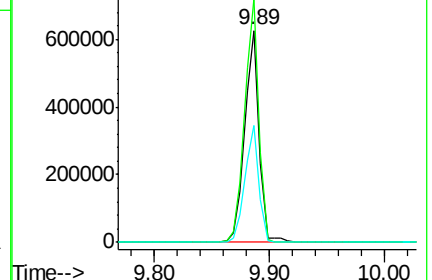
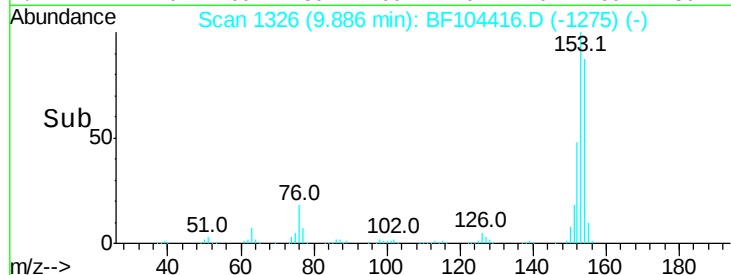
152 54.9 43.8 65.8



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: 30.421 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

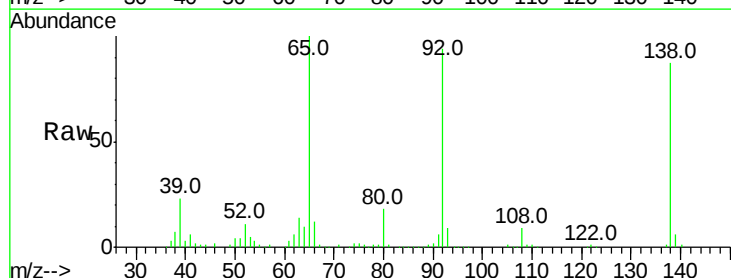
Tgt Ion:138 Resp: 117739

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

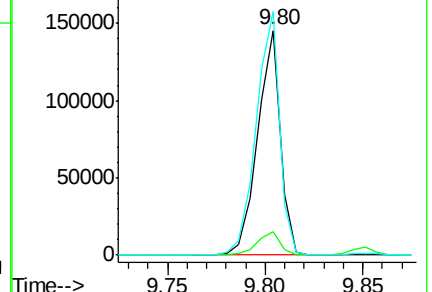
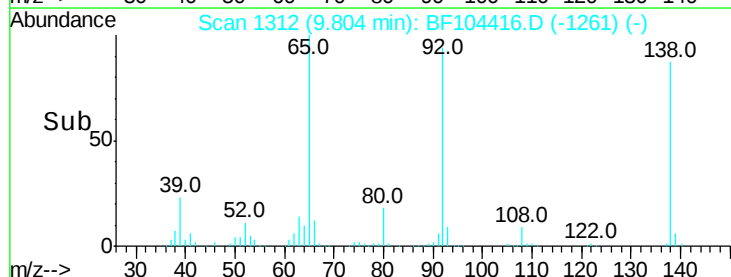
92 108.3 89.4 134.2

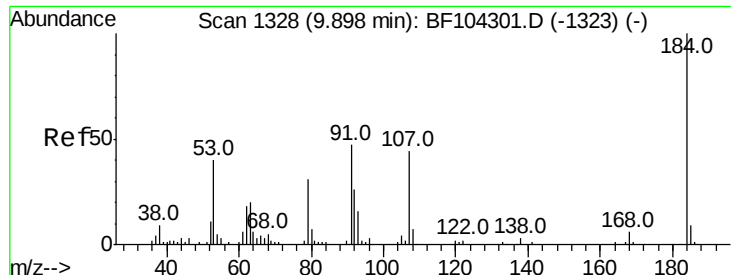


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

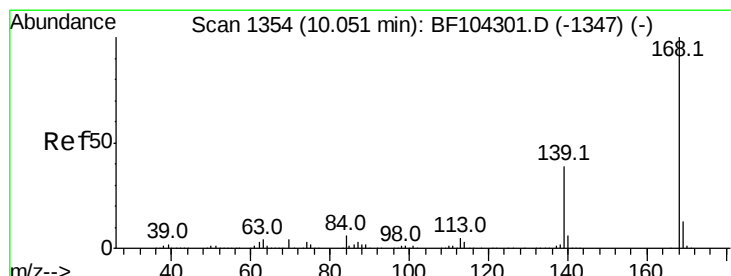
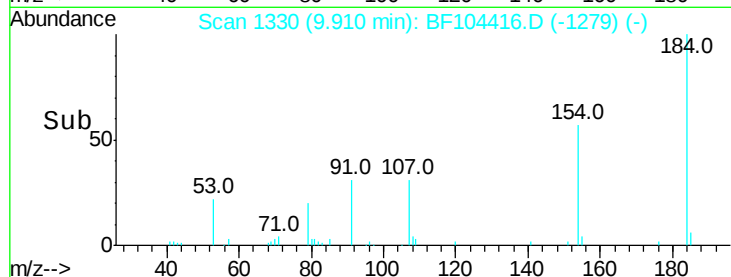
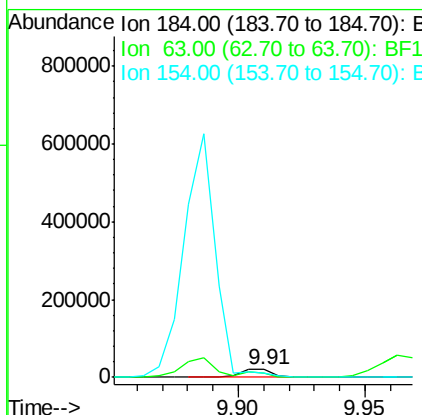
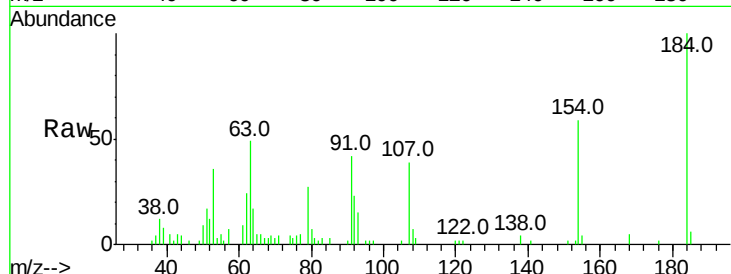




#53
 2,4-Dinitrophenol
 Concen: 23.171 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

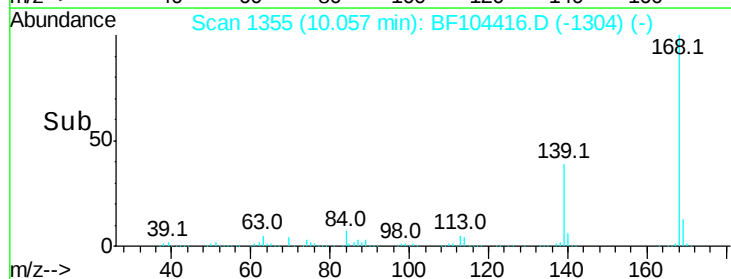
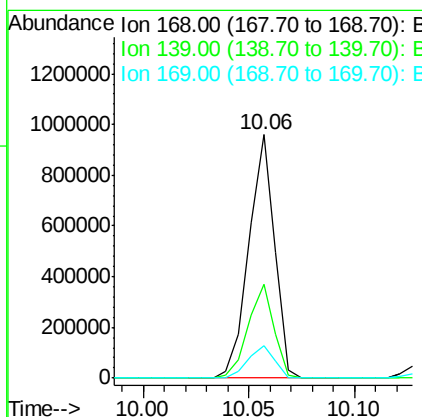
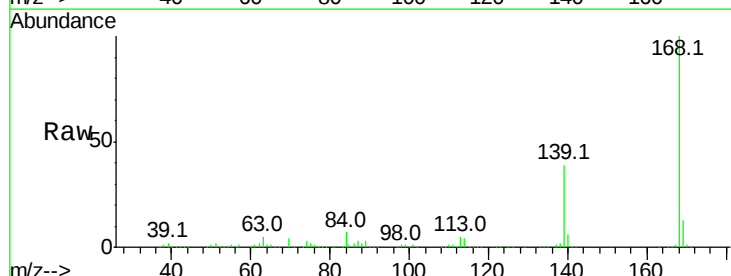
Instrument :
 BNA_F
 ClientSampleId :

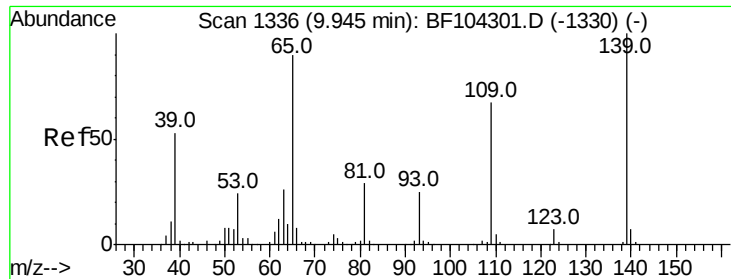
Tot Ion:184 Resp: 18609
 Ion Ratio Lower Upper
 184 100
 63 48.9 54.2 81.2#
 154 58.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.476 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:168 Resp: 811788
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 13.3 10.9 16.3

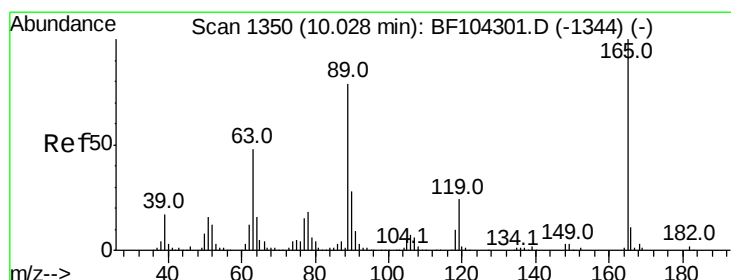
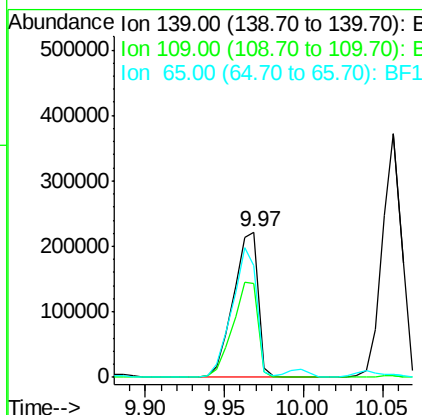
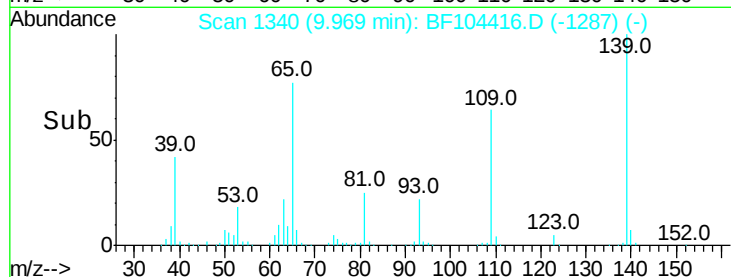
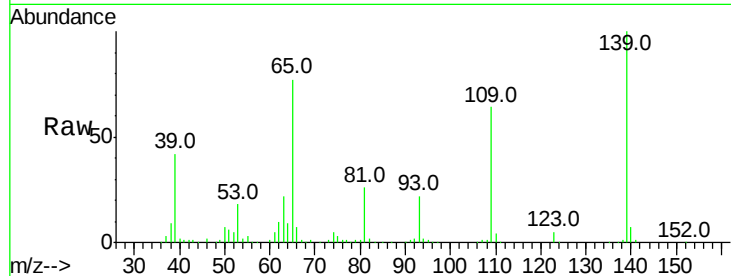




#55
4-Nitrophenol
Concen: 79.019 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

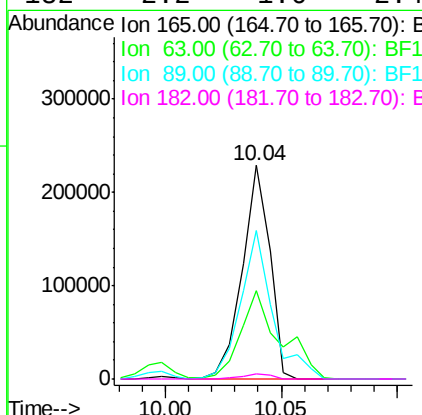
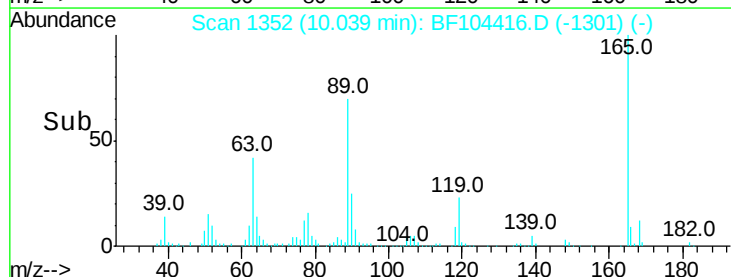
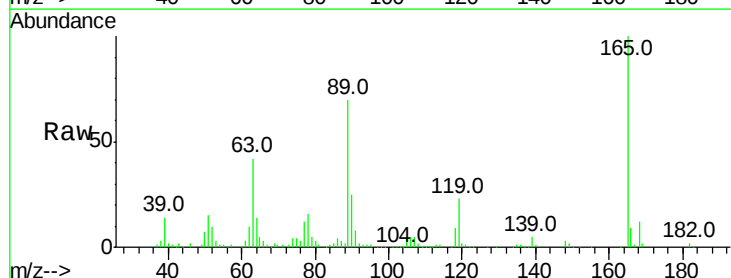
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 240239
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 76.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.111 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:165 Resp: 191289
Ion Ratio Lower Upper
165 100
63 41.6 36.4 54.6
89 69.7 57.8 86.6
182 2.2 1.6 2.4

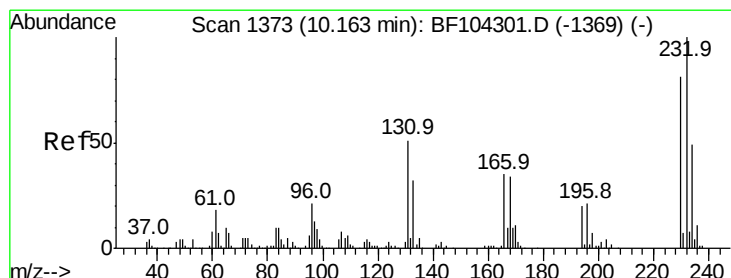
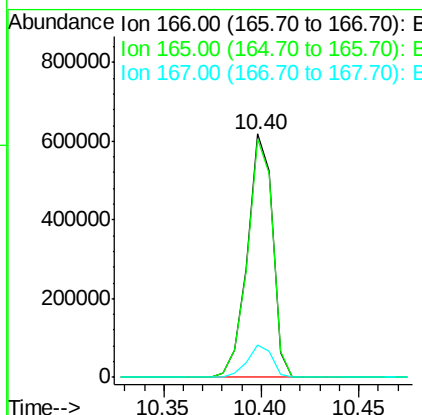
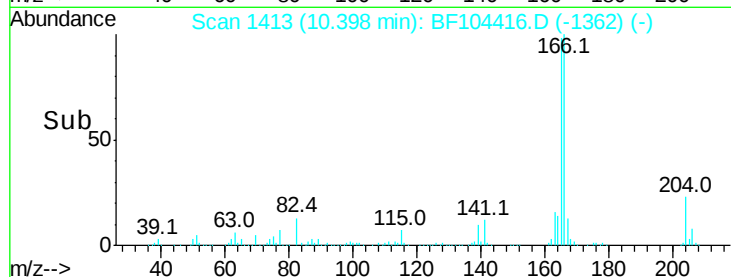
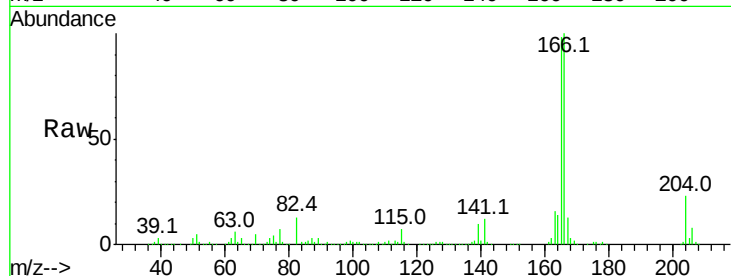




#57
 Fluorene
 Concen: 37.709 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

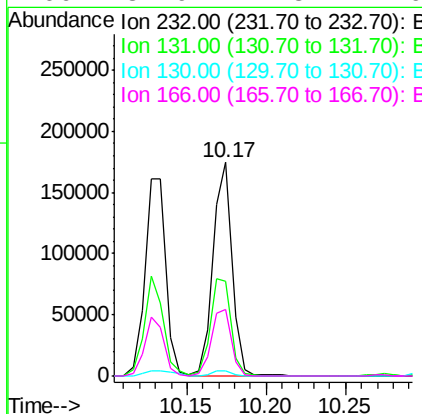
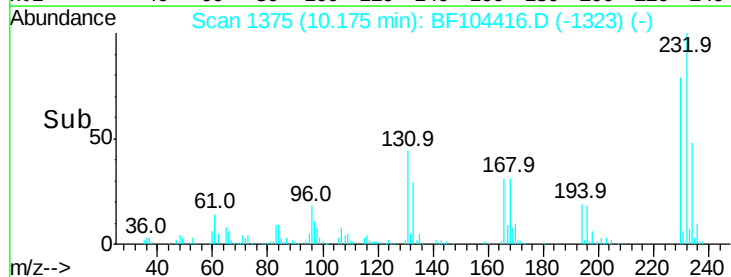
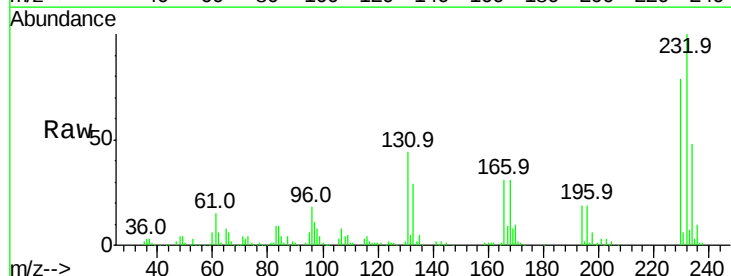
Instrument :
 BNA_F
 ClientSampleId :

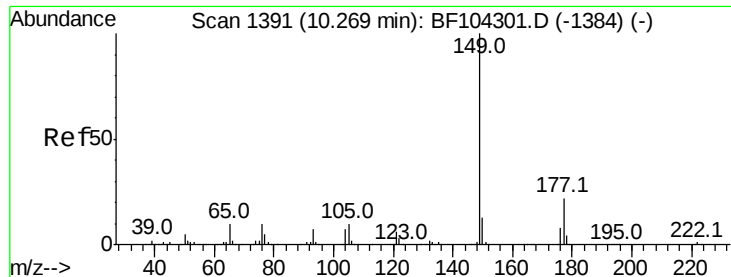
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.929 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	43.8	65.8
130	2.6	2.1	3.1
166	32.9	27.8	41.6

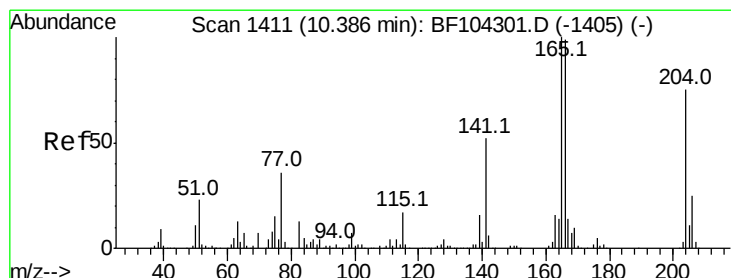
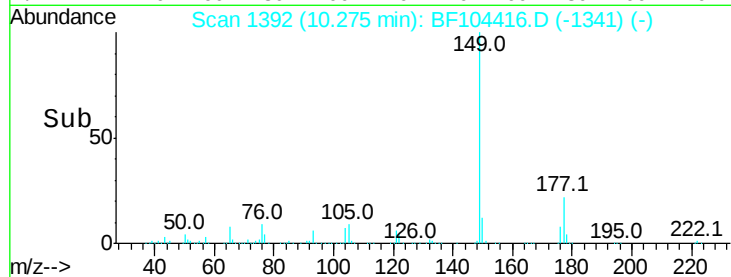
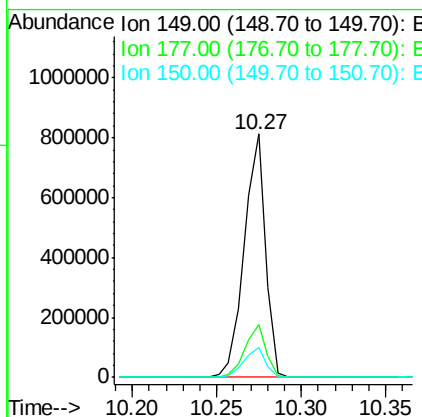
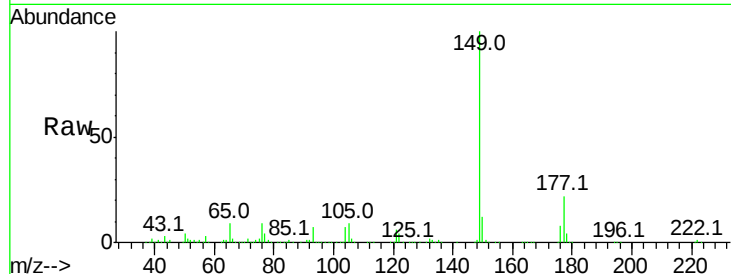




#59
Diethylphthalate
Concen: 40.102 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

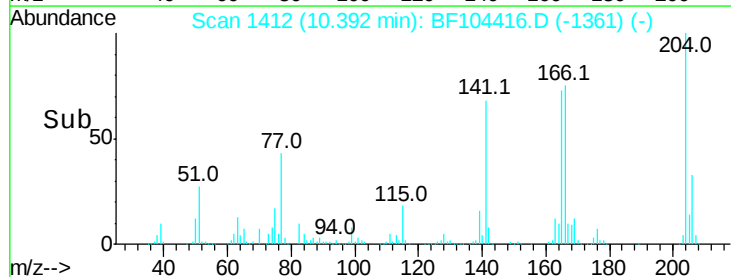
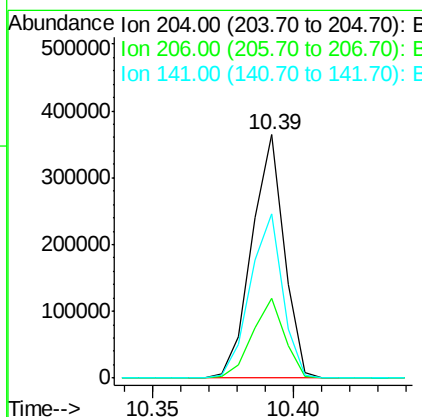
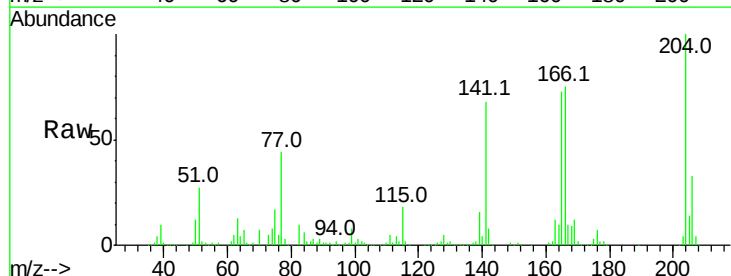
Instrument :
BNA_F
ClientSampled :

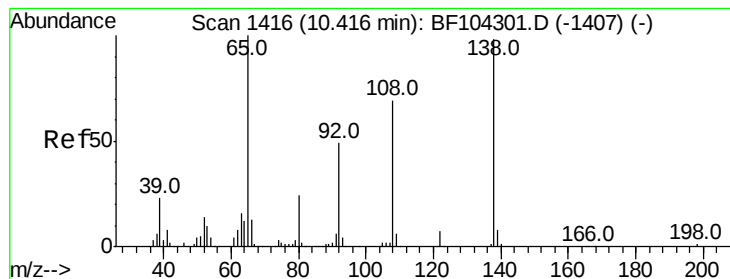
Tot Ion:149 Resp: 713564
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.650 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:204 Resp: 290282
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.6 54.6 81.8





#61

4-Nitroaniline

Concen: 36.209 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

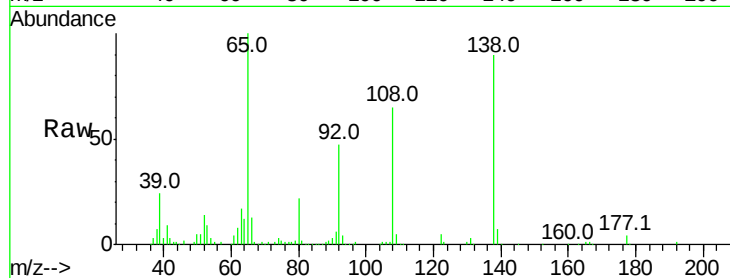
Tot Ion:138 Resp: 137027

Ion Ratio Lower Upper

138 100

92 52.2 30.2 70.2

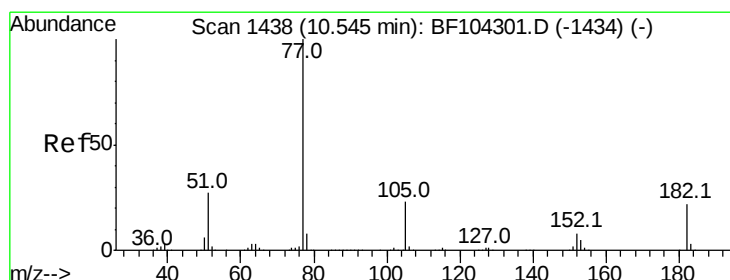
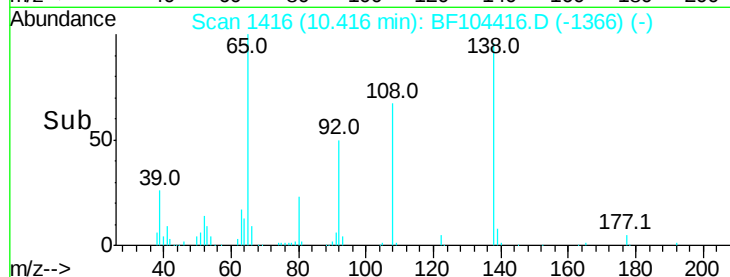
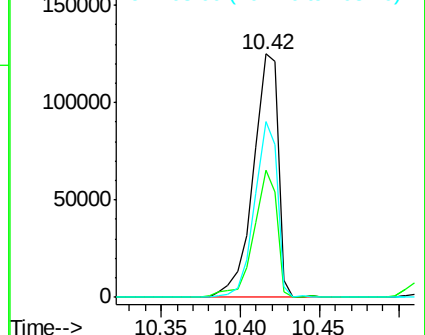
108 72.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.262 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Tgt Ion: 77 Resp: 650460

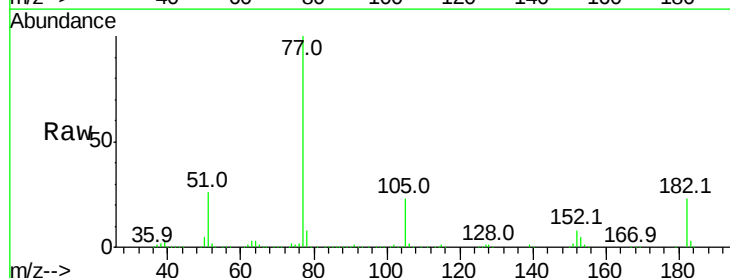
Ion Ratio Lower Upper

77 100

182 22.8 1.7 41.7

105 22.9 3.0 43.0

51 26.2 9.9 49.9

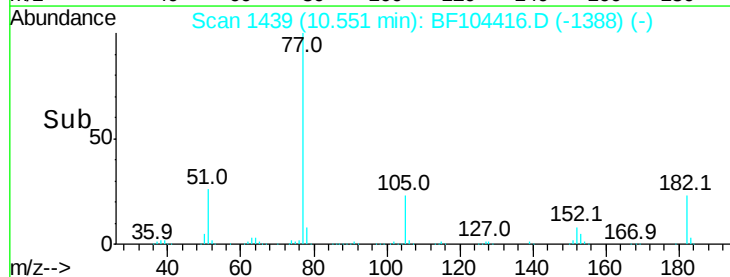
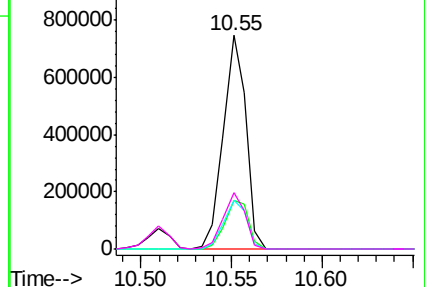


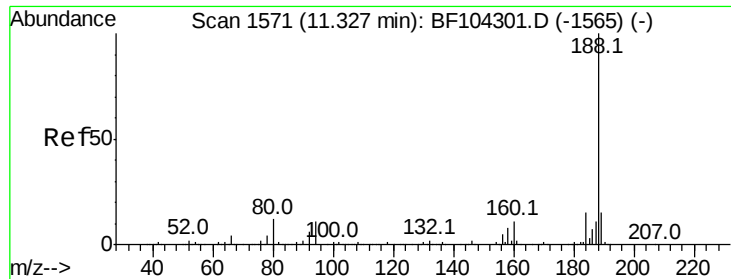
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

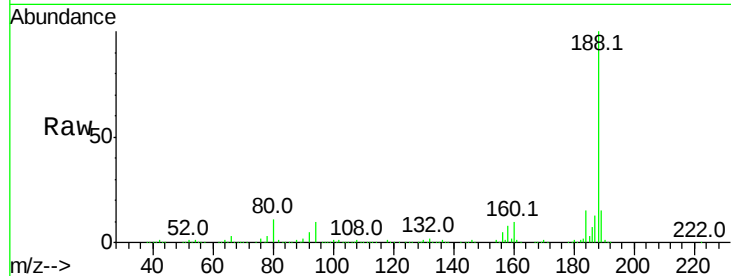
Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 329360

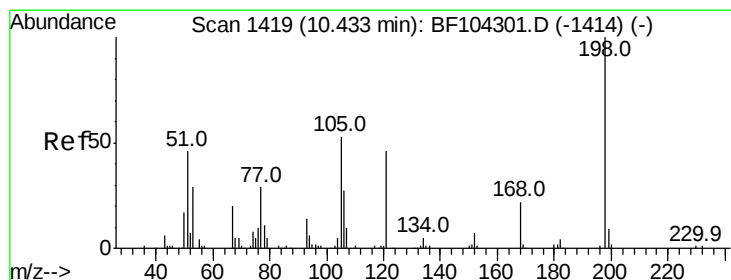
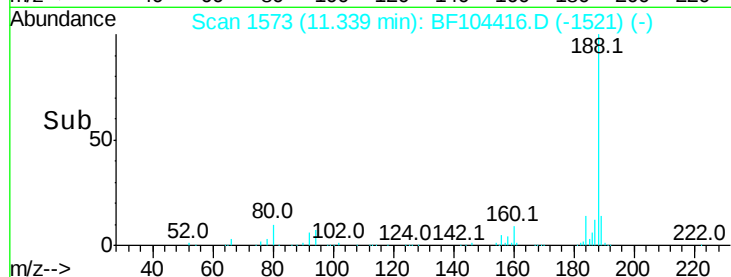
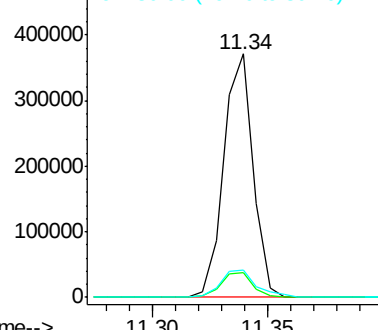
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.609 ng

RT: 10.45 min Scan# 1421

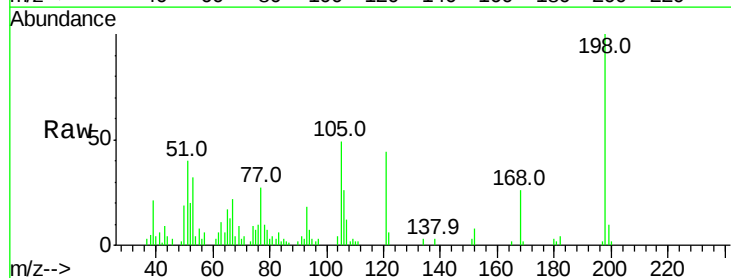
Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Tgt Ion:198 Resp: 17541

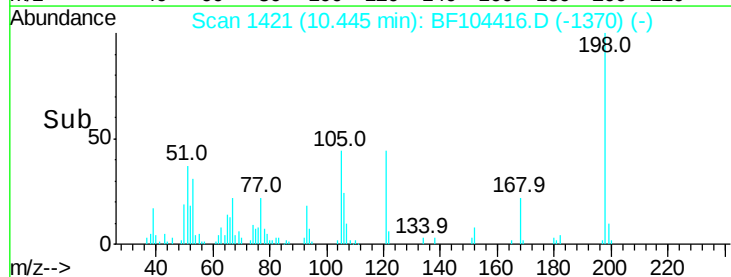
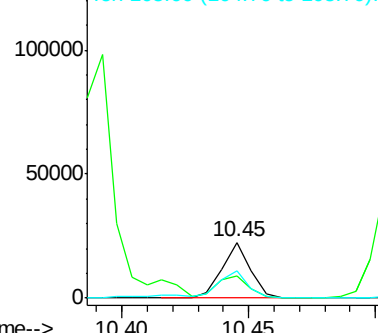
Ion	Ratio	Lower	Upper
198	100		
51	39.5	37.7	77.7
105	48.8	36.3	76.3

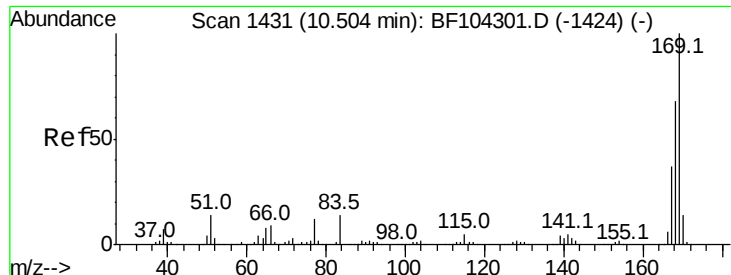


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

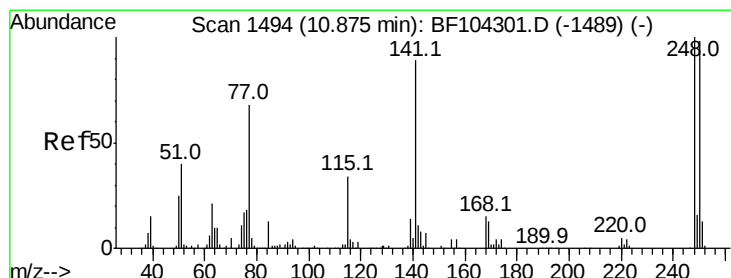
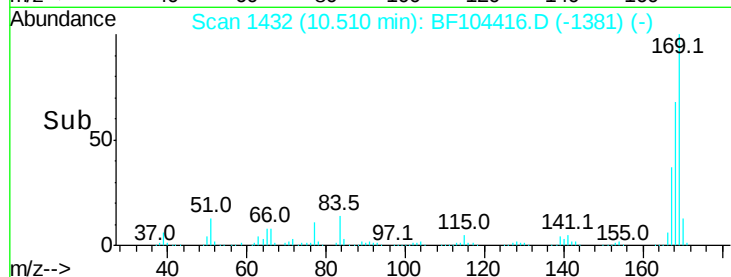
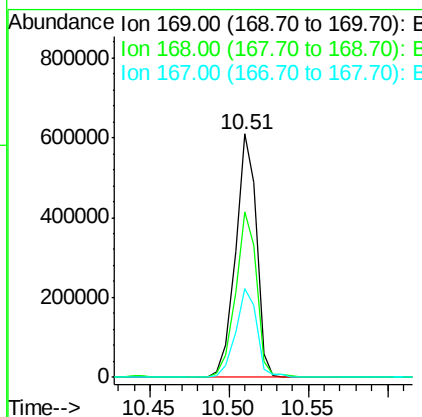
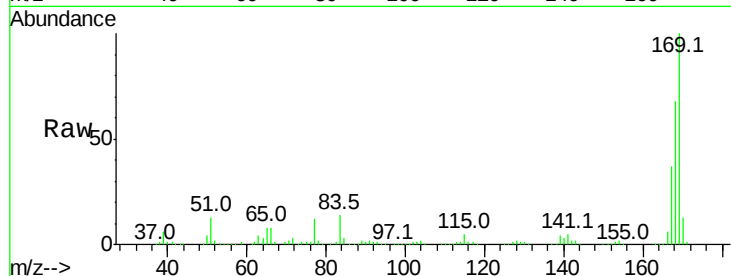




#65
 n-Nitrosodiphenylamine
 Concen: 48.670 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

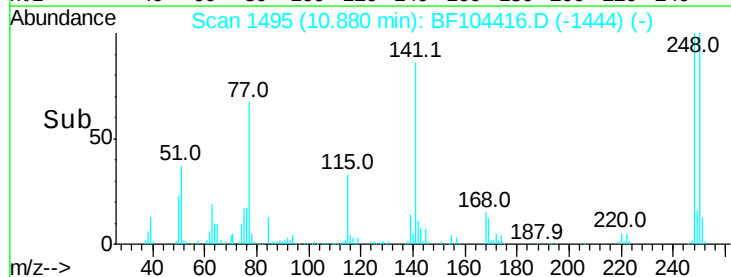
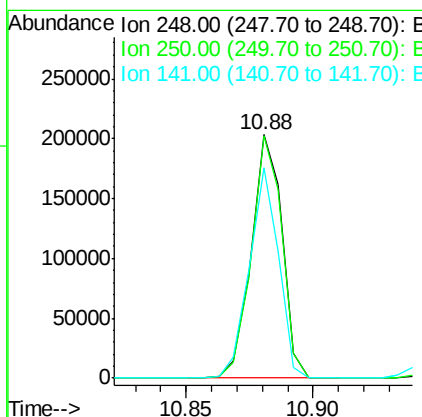
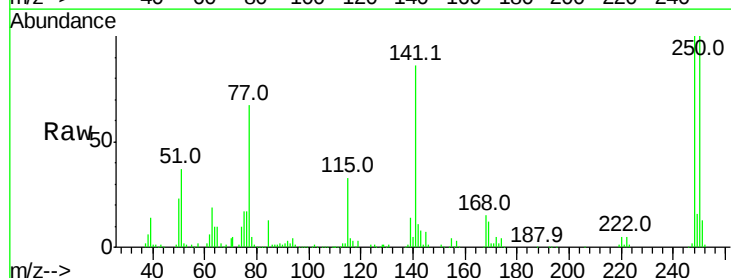
Instrument :
 BNA_F
 ClientSampleId :

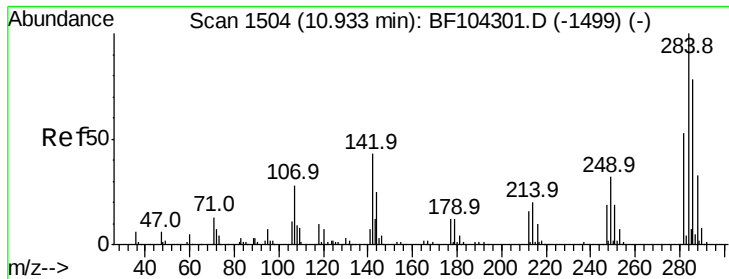
Tot Ion:169 Resp: 555803
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.033 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:248 Resp: 171778
 Ion Ratio Lower Upper
 248 100
 250 99.6 76.9 115.3
 141 86.2 74.4 111.6

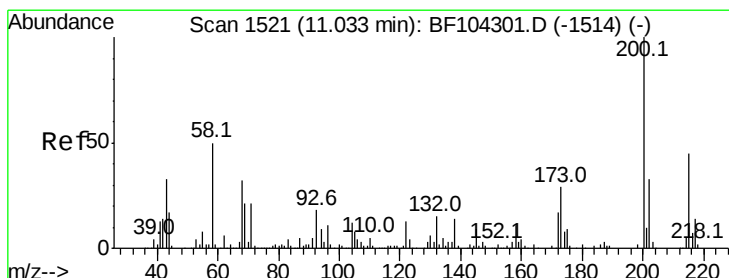
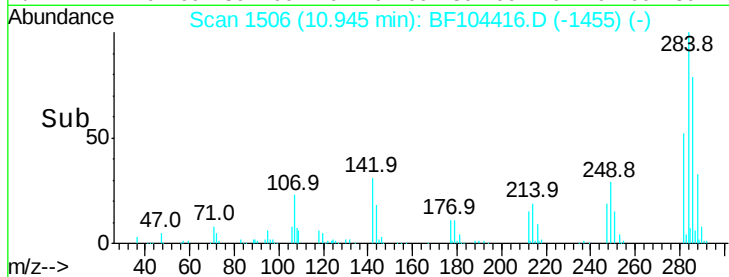
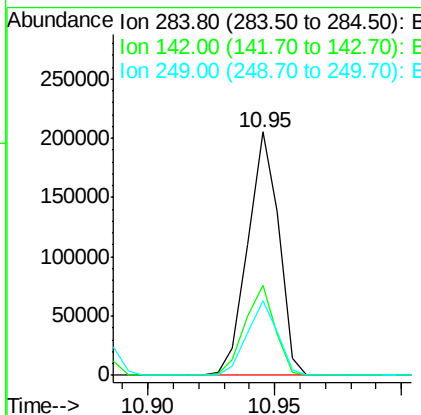
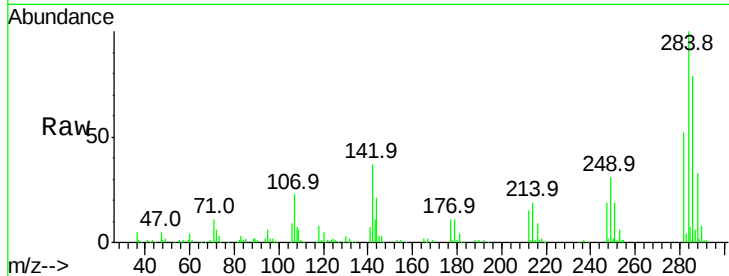




#67
Hexachlorobenzene
Concen: 44.369 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

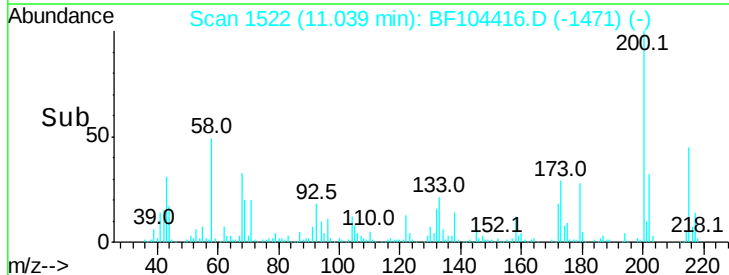
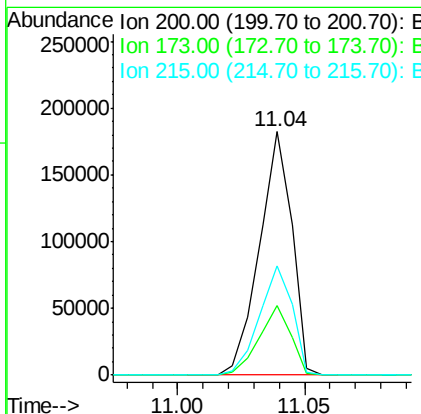
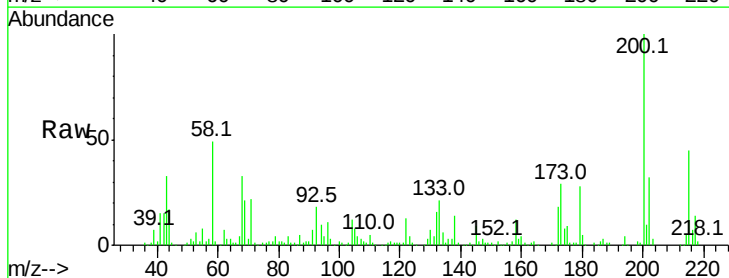
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 174903
Ion Ratio Lower Upper
284 100
142 37.1 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 47.583 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:200 Resp: 164019
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 44.6 25.1 65.1

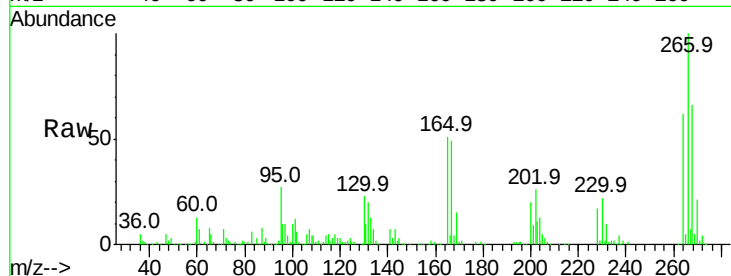




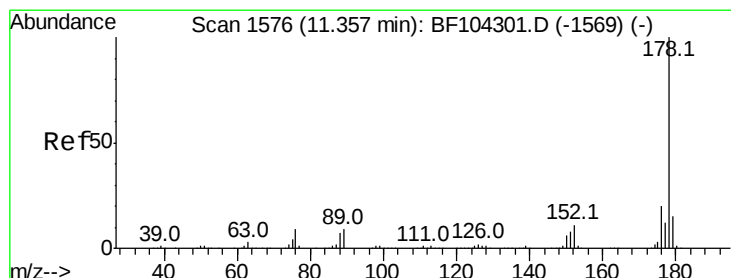
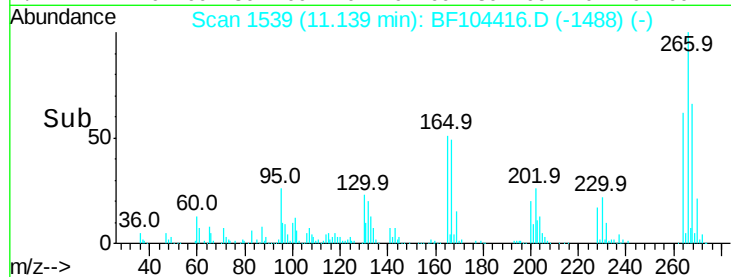
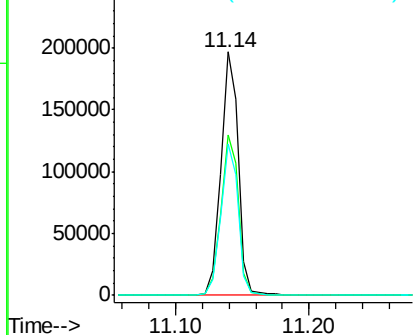
#69
 Pentachlorophenol
 Concen: 74.444 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 181547
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 62.1 49.5 74.3

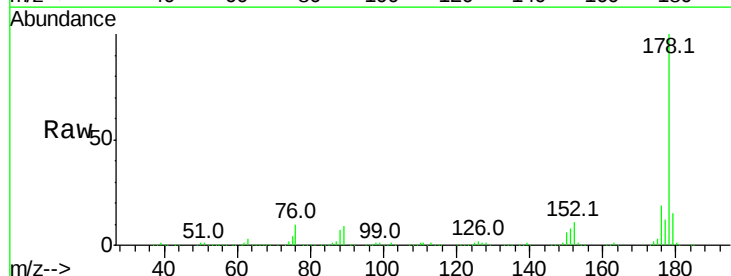


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

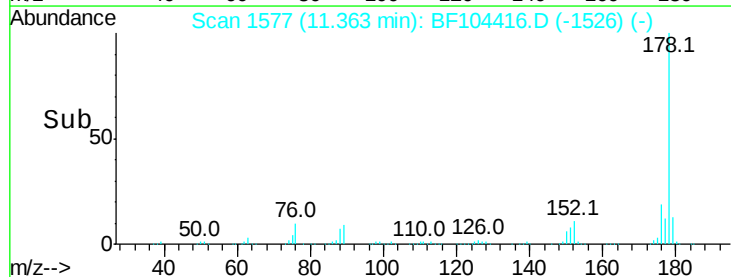
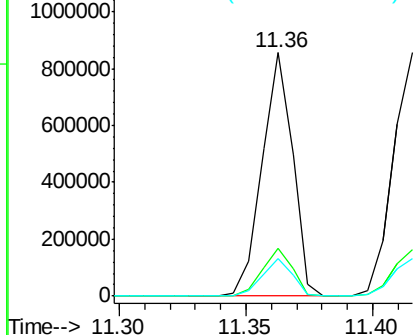


#70
 Phenanthrene
 Concen: 39.391 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:178 Resp: 722500
 Ion Ratio Lower Upper
 178 100
 176 19.4 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

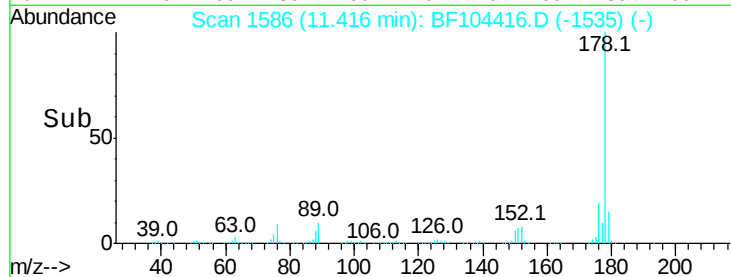
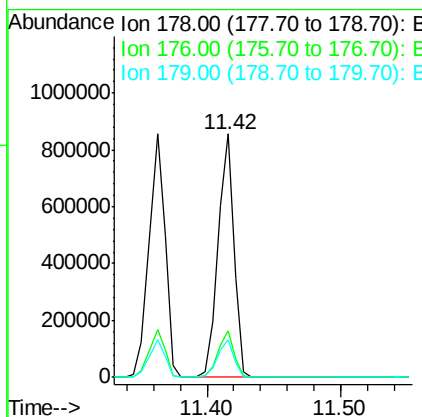
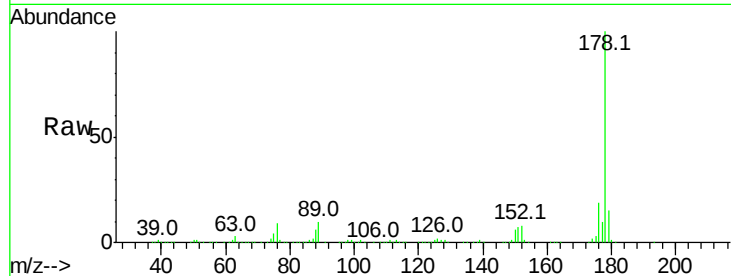




#71
 Anthracene
 Concen: 38.848 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

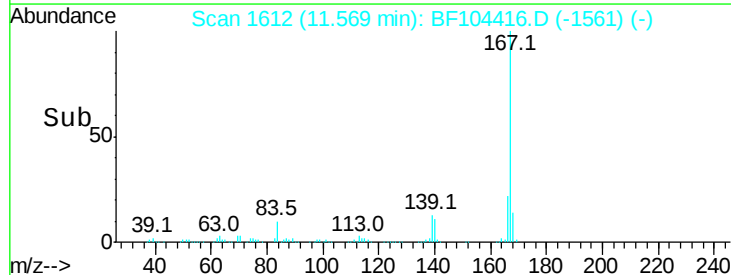
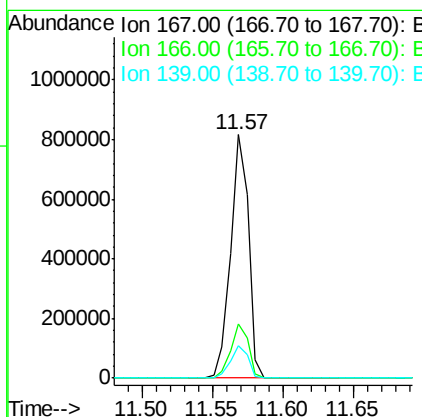
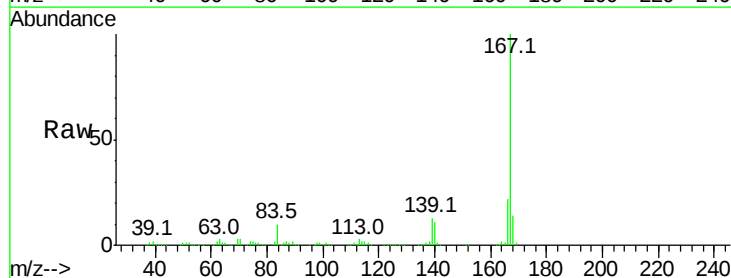
Instrument :
 BNA_F
 ClientSampled :

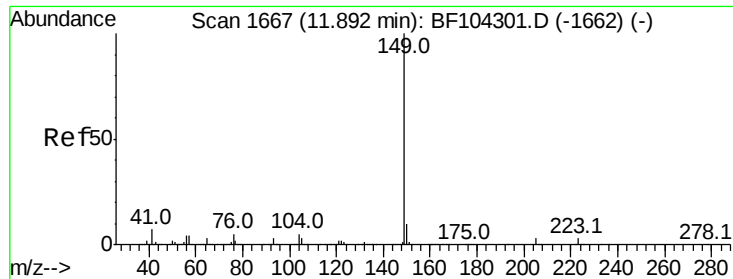
Tot Ion:178 Resp: 724310
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.429 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion:167 Resp: 718367
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.895 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

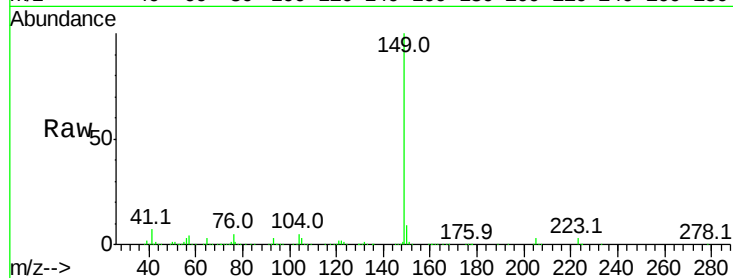
Tot Ion:149 Resp: 932399

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

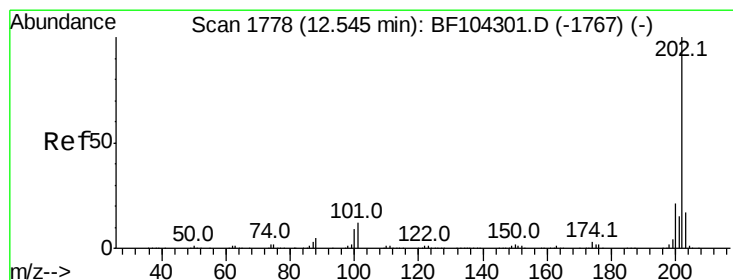
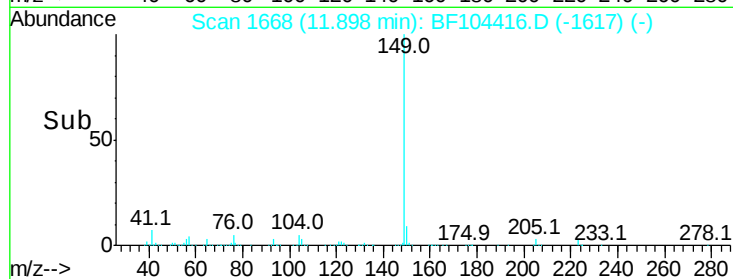
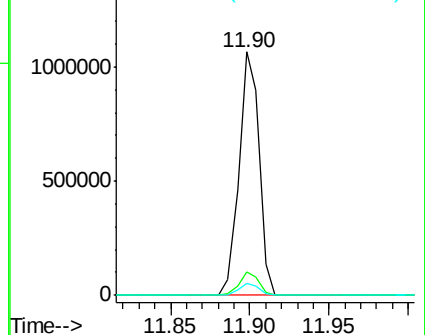
104 5.0 3.8 5.8



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: 36.784 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

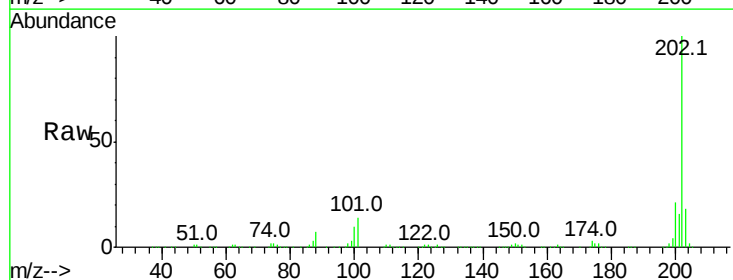
Tgt Ion:202 Resp: 704918

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

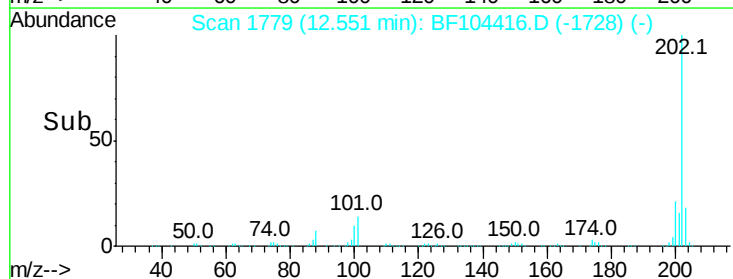
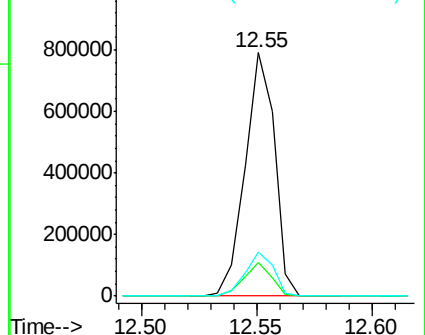
203 17.9 0.0 38.1

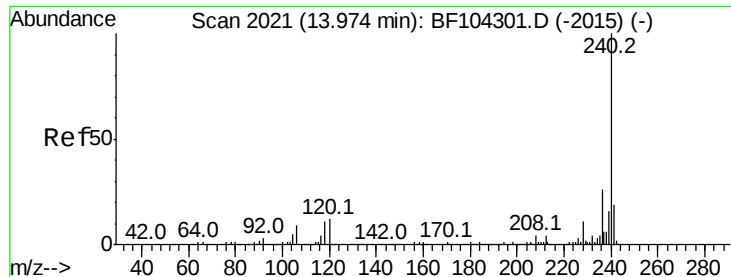


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

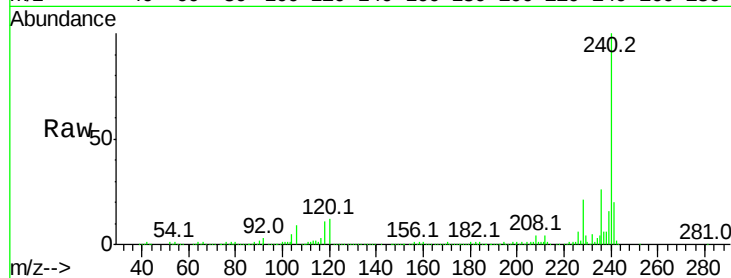
Tot Ion:240 Resp: 272000

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

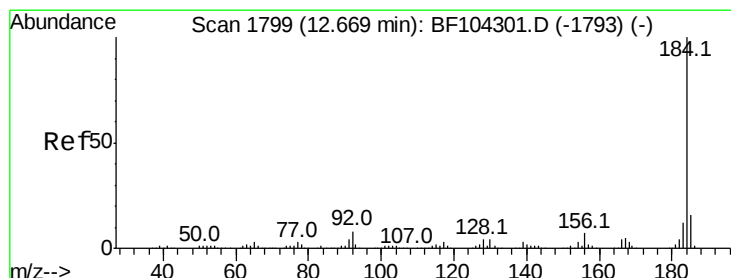
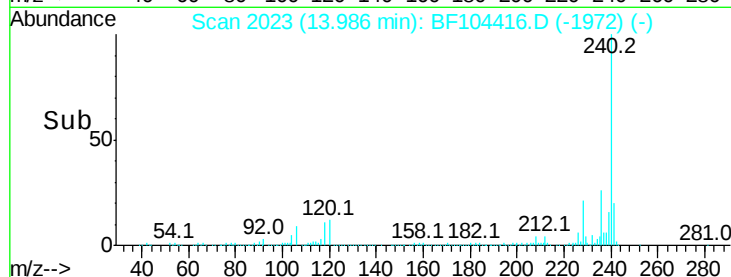
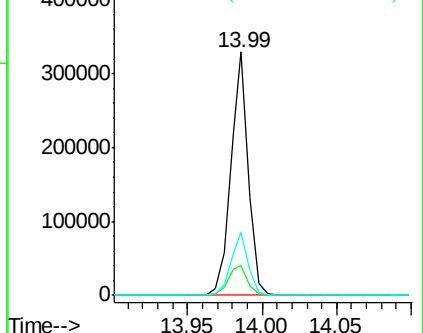
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

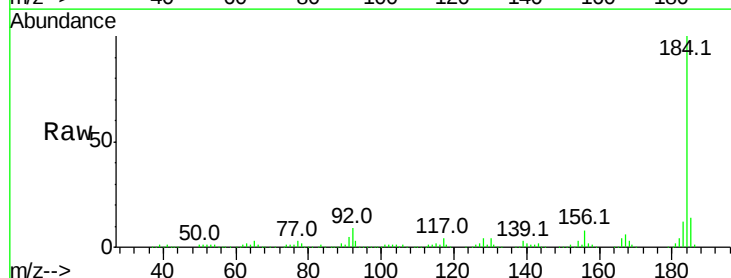
Tgt Ion:184 Resp: 717845

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

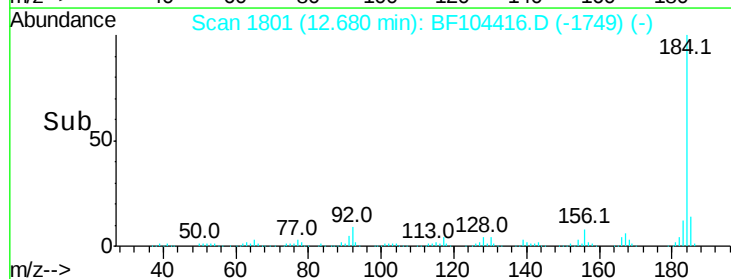
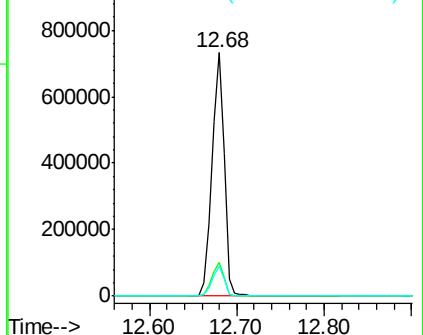
183 12.2 9.3 13.9

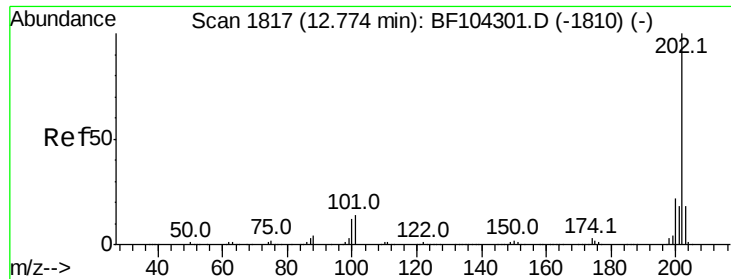


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

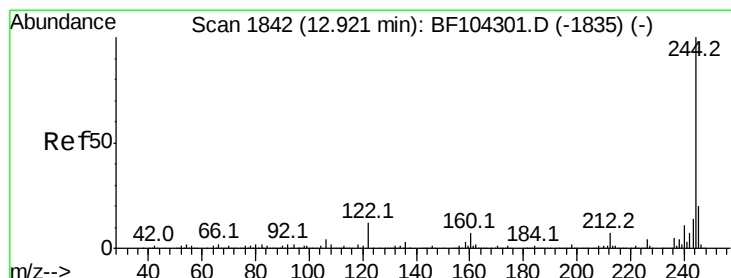
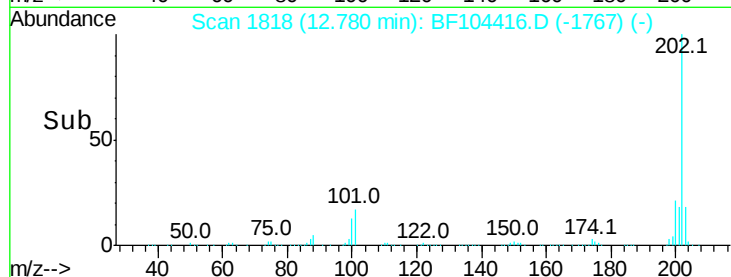
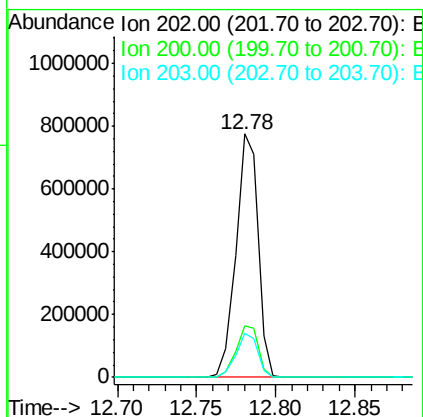
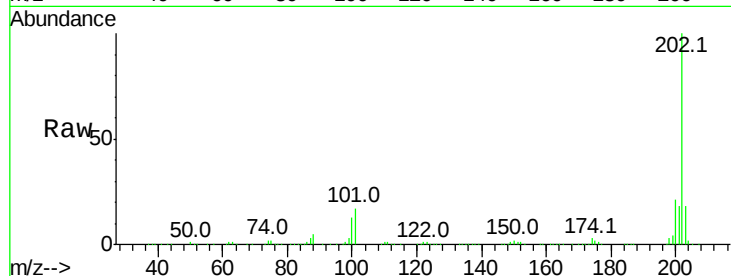




#77
Pvrene
Concen: 37.076 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

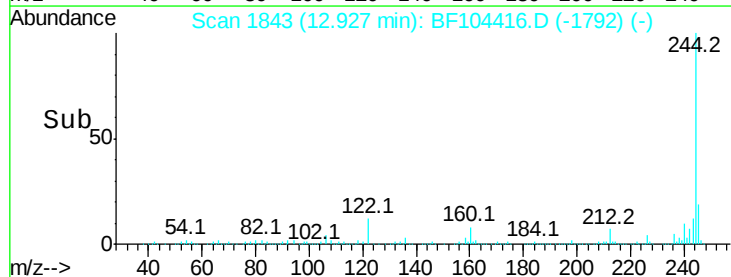
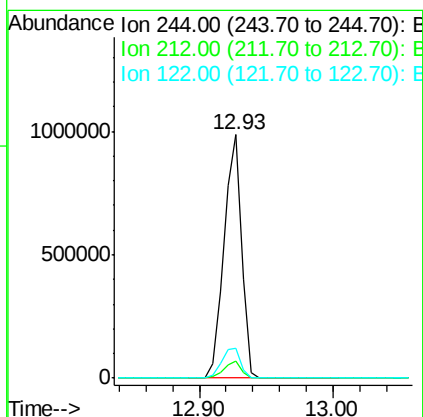
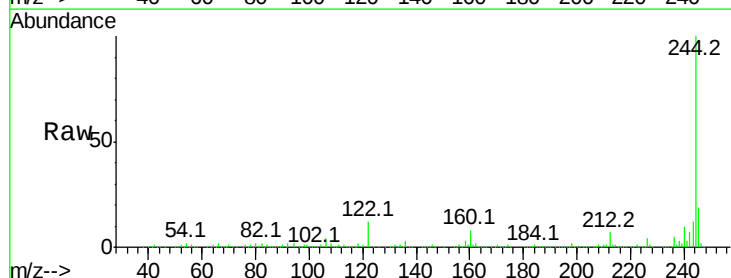
Instrument :
BNA_F
ClientSampleId :

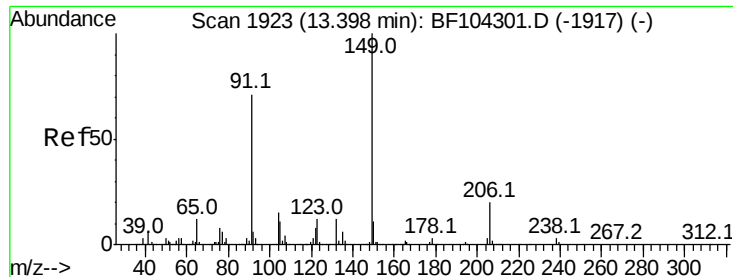
Tot Ion:202 Resp: 747517
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 77.216 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:244 Resp: 921242
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.2 11.0 16.4





#79

Butylbenzylphthalate

Concen: 38.421 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampled :

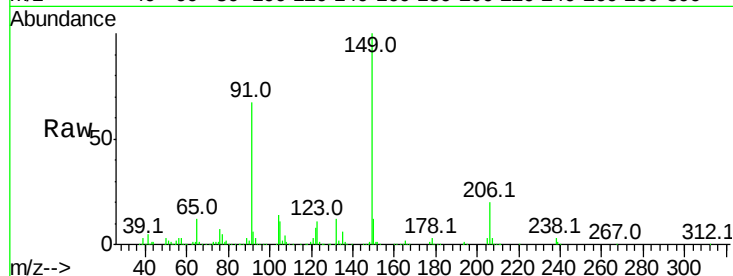
Tot Ion:149 Resp: 364939

Ion Ratio Lower Upper

149 100

91 67.2 56.8 85.2

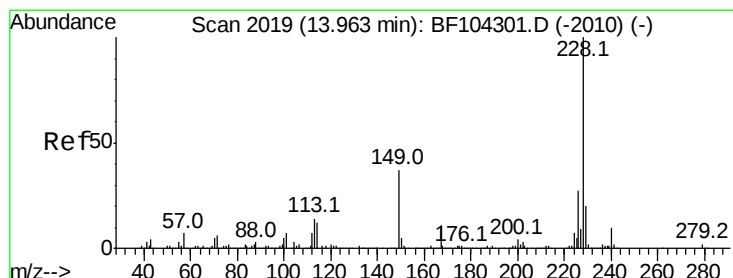
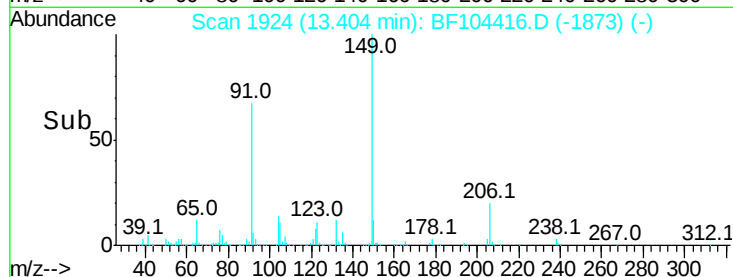
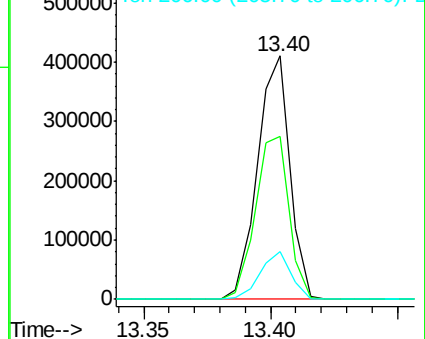
206 19.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.878 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

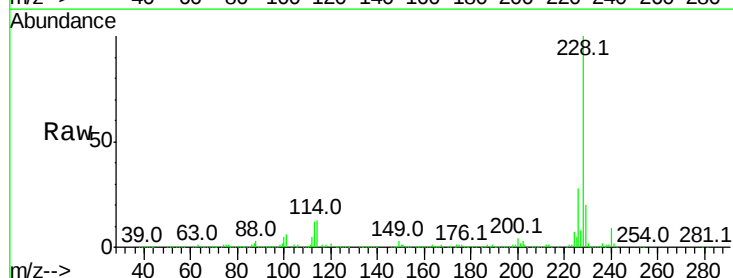
Tgt Ion:228 Resp: 664243

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

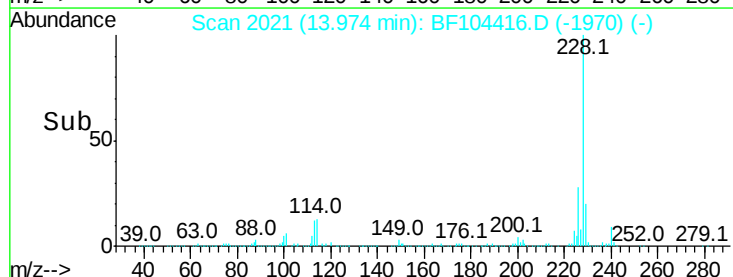
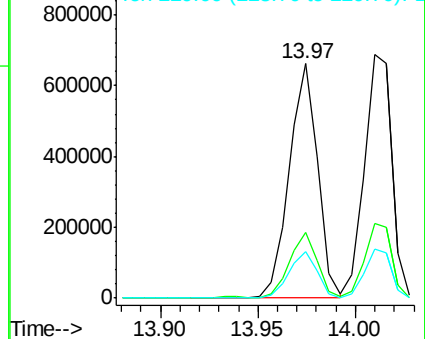
229 19.9 15.8 23.6

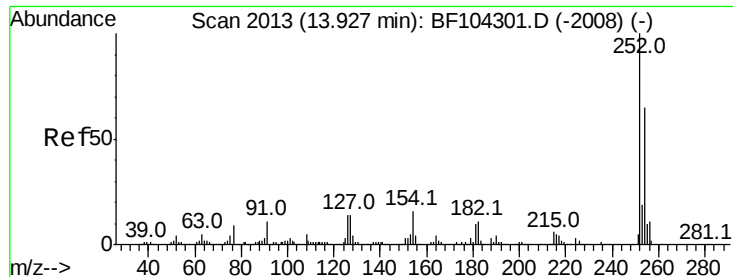


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

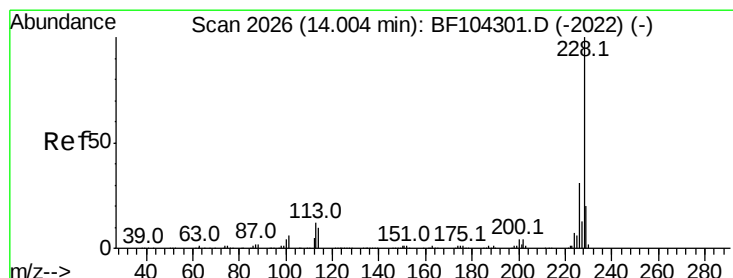
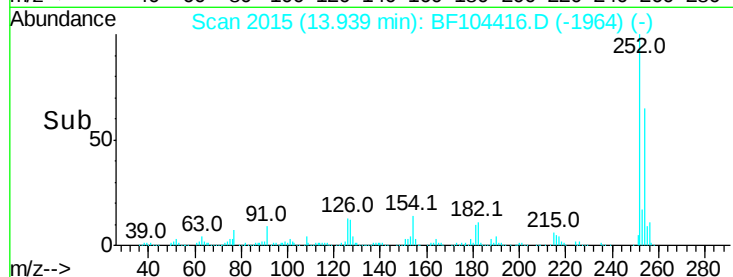
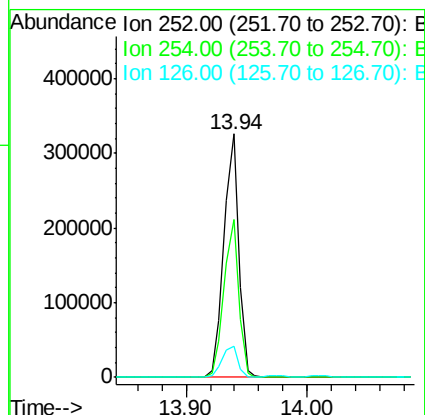
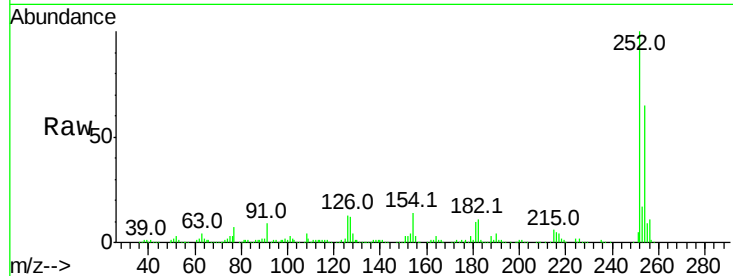




#81
 3,3'-Dichlorobenzidine
 Concen: 45.806 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

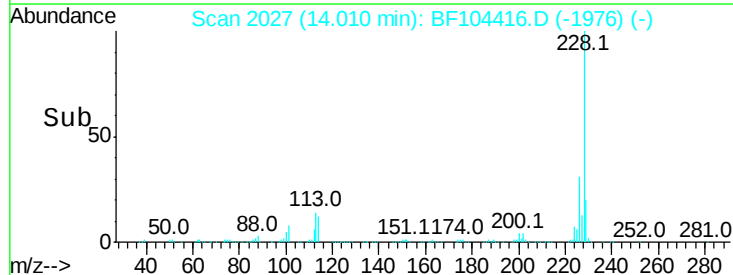
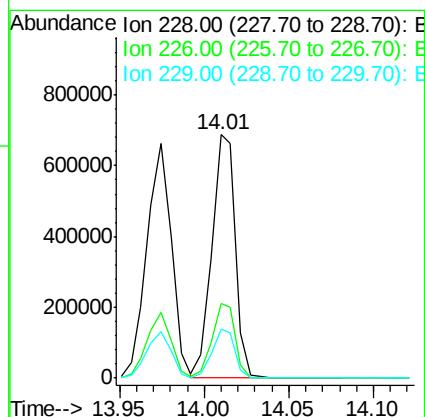
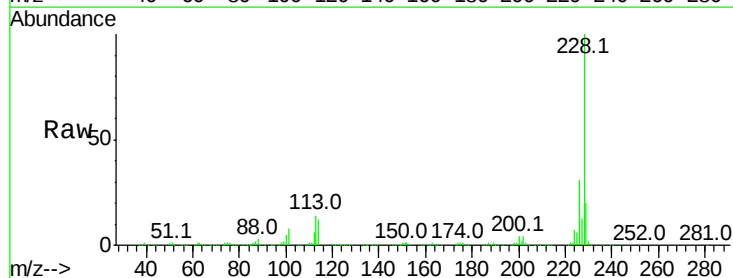
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	13.0	11.3	16.9



#82
 Chrysene
 Concen: 40.060 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.771 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

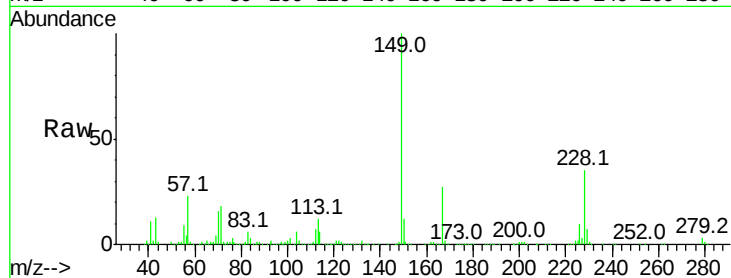
Tot Ion:149 Resp: 498108

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

600000

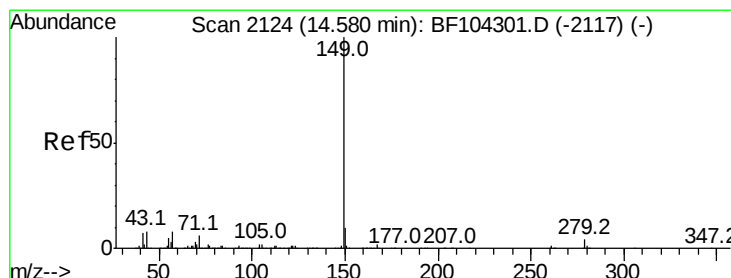
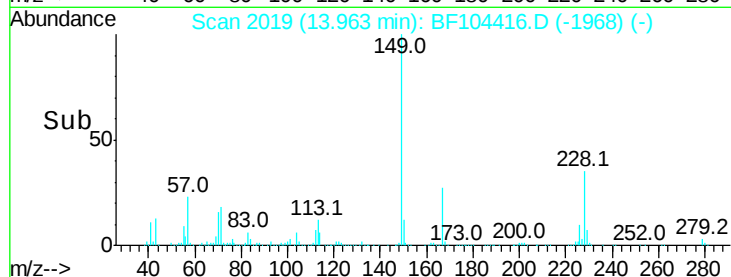
400000

200000

0

13.96

Time-->



#84

Di-n-octyl phthalate

Concen: 44.566 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

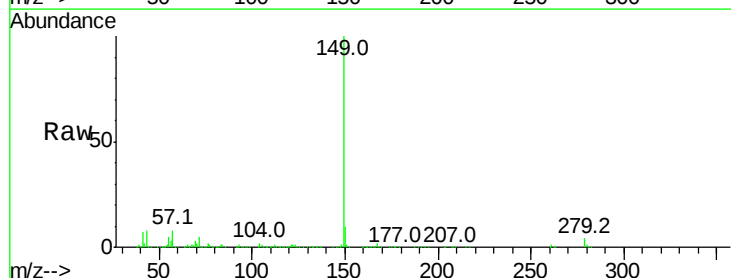
Tgt Ion:149 Resp: 909778

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

1200000

1000000

800000

600000

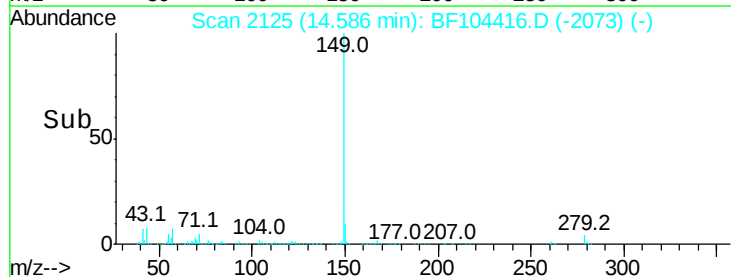
400000

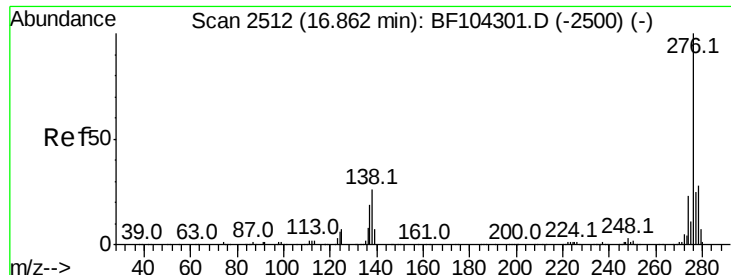
200000

0

14.59

Time-->

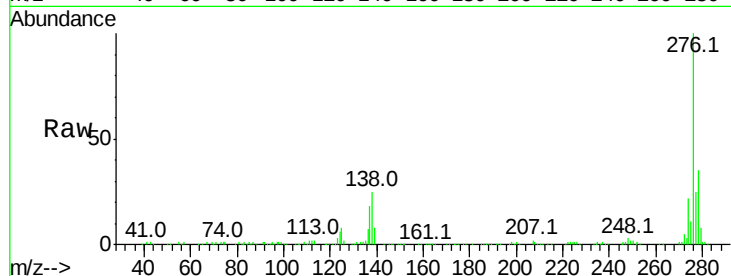




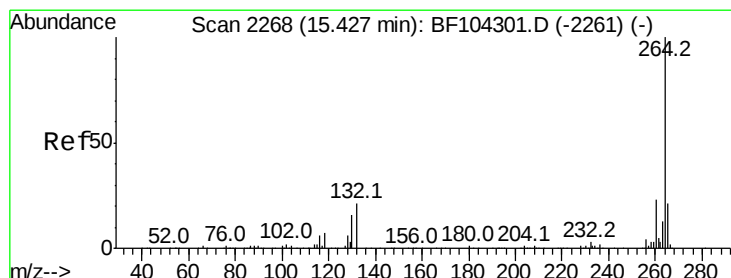
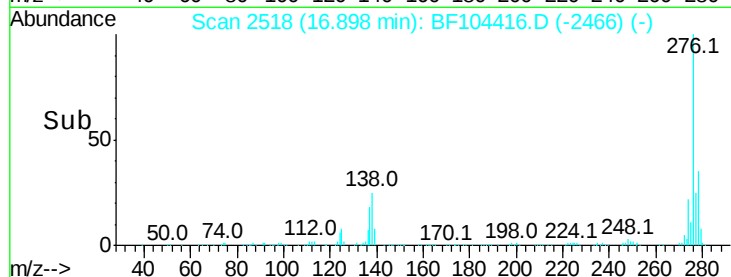
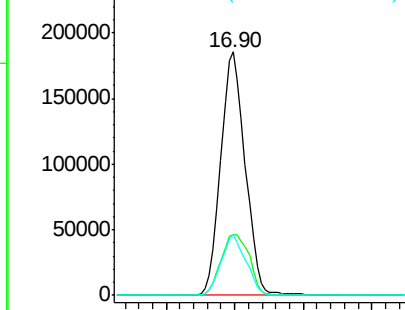
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.430 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	25.0	37.6
277	25.2	20.1	30.1

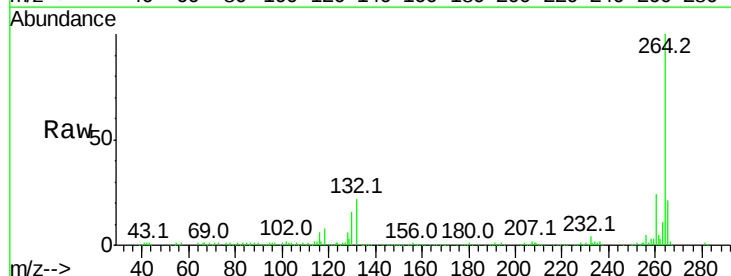


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

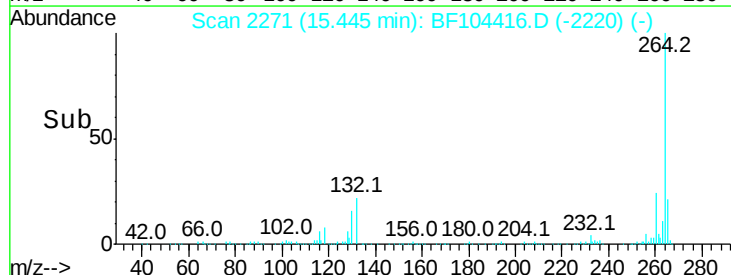
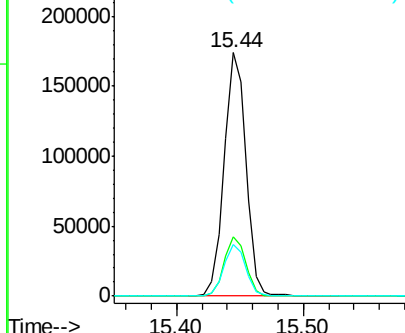


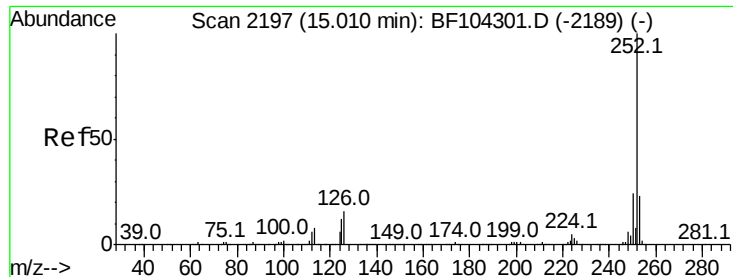
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104416.D
 Acq: 10 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	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

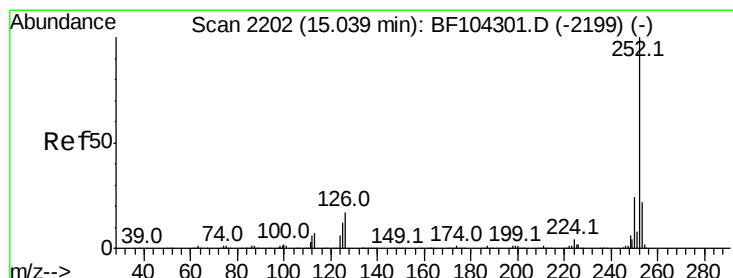
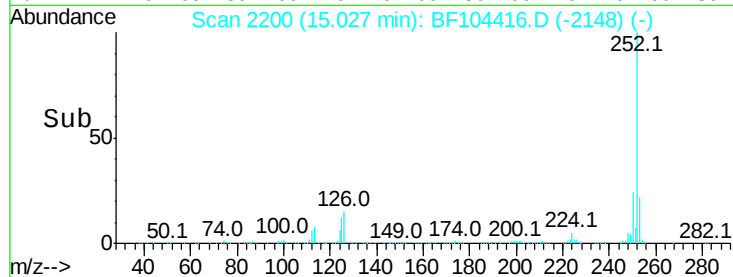
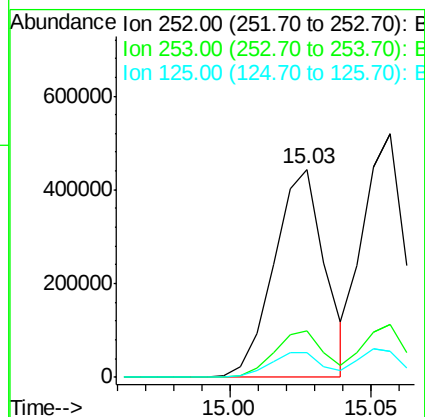
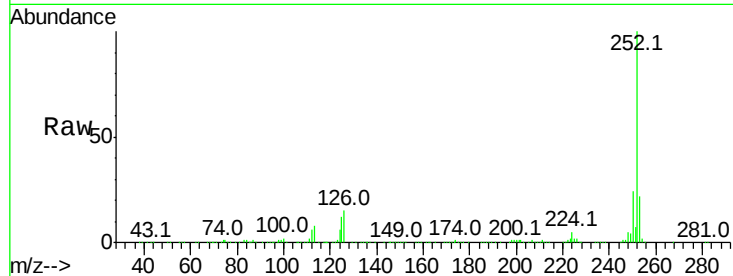




#87
Benzo(b)fluoranthene
Concen: 42.383 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

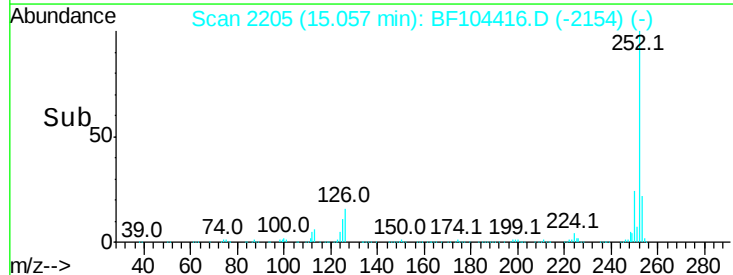
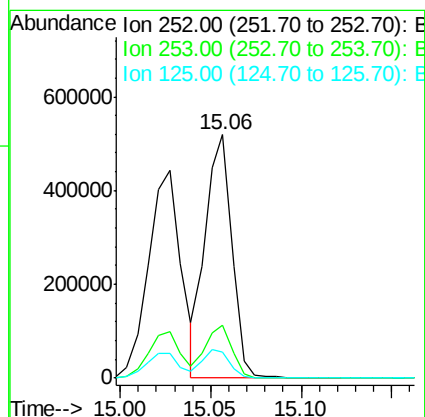
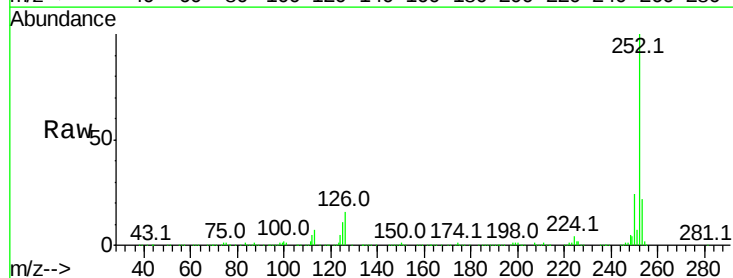
Instrument :
BNA_F
ClientSampleId :

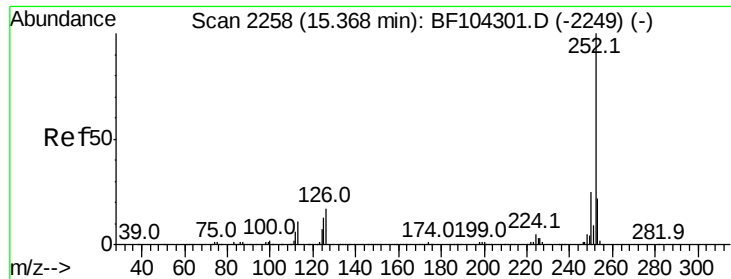
Tot Ion:252 Resp: 553823
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.737 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:252 Resp: 527232
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.8 10.2 15.2

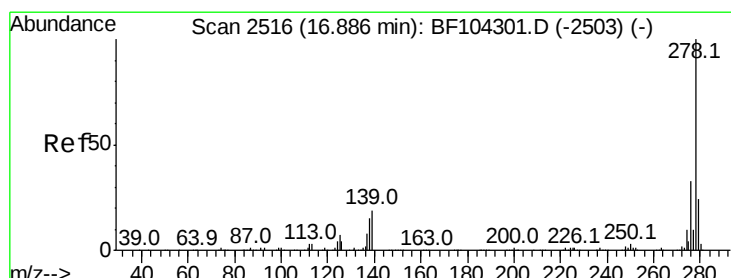
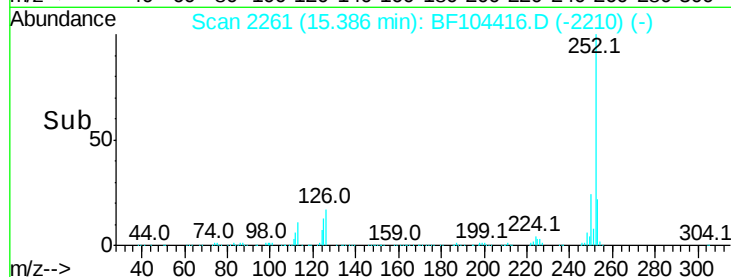
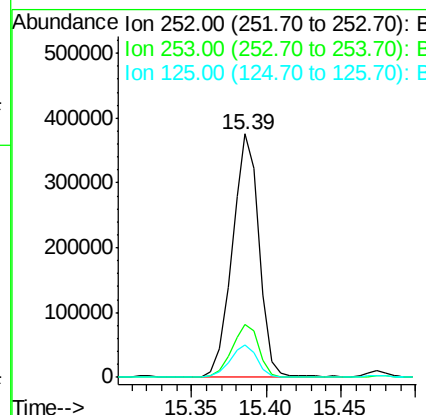
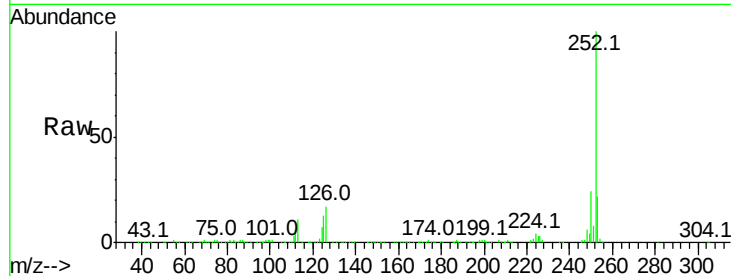




#89
Benzo(a)pyrene
Concen: 40.433 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

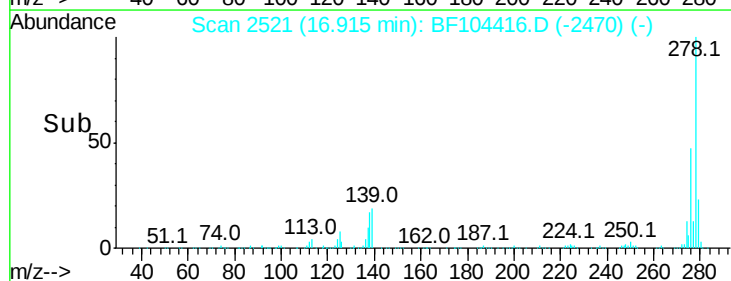
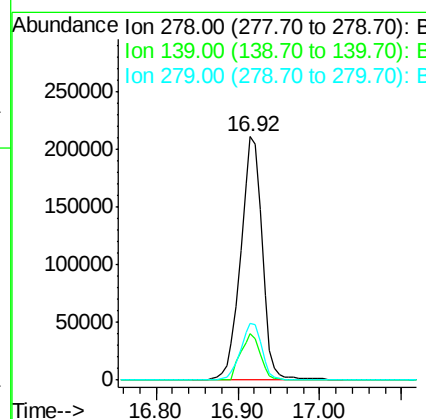
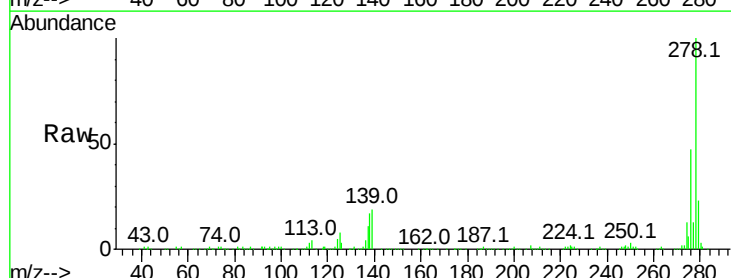
Instrument :
BNA_F
ClientSampleId :

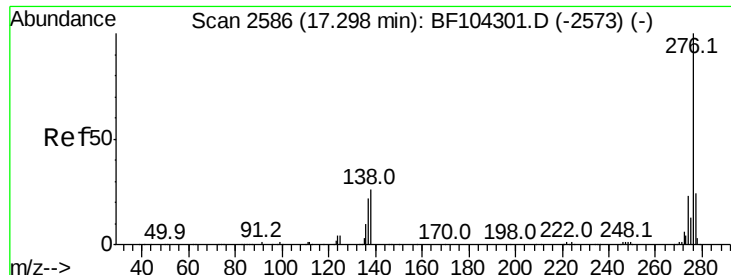
Tot Ion:252 Resp: 472736
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.468 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF104416.D
Acq: 10 Apr 2018 18:33

Tgt Ion:278 Resp: 388595
Ion Ratio Lower Upper
278 100
139 19.3 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.885 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.00 min

Lab File: BF104416.D

Acq: 10 Apr 2018 18:33

Instrument :

BNA_F

ClientSampleId :

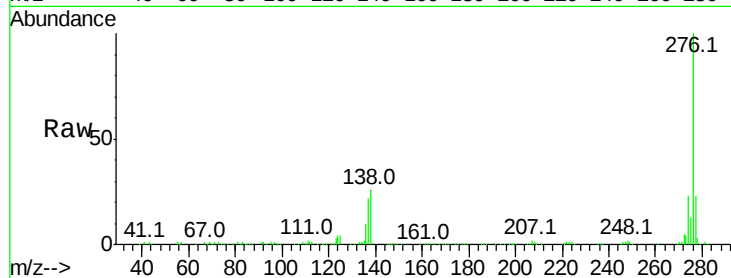
Tot Ion:276 Resp: 371062

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 25.5 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

