

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104781.D
 Acq On : 25 Apr 2018 11:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 14:02:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115970	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	470299	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	214277	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	389142	20.00	ng	0.00
75) Chrysene-d12	13.99	240	298070	20.00	ng	0.00
86) Perylene-d12	15.46	264	251346	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	550328	72.56	ng	0.00
7) Phenol-d6	6.45	99	668304	71.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	607219	84.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	176322	79.33	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1071899	79.03	ng	0.00
78) Terphenyl-d14	12.92	244	1022917	78.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	125469	35.503	ng	87
3) Pyridine	3.25	79	333717	33.586	ng	88
4) n-Nitrosodimethylamine	3.22	42	114824	33.059	ng	# 80
6) Aniline	6.47	93	441347	34.089	ng	98
8) 2-Chlorophenol	6.59	128	300429	37.530	ng	96
9) Benzaldehyde	6.35	77	230344	55.951	ng	99
10) Phenol	6.46	94	363122	36.725	ng	75
11) bis(2-Chloroethyl)ether	6.54	93	278320	35.273	ng	95
12) 1,3-Dichlorobenzene	6.74	146	342263	37.740	ng	98
13) 1,4-Dichlorobenzene	6.82	146	348477	38.548	ng	99
14) 1,2-Dichlorobenzene	6.97	146	322732	38.524	ng	98
15) Benzyl Alcohol	6.95	79	251423	35.522	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	336617	31.767	ng	85
17) 2-Methylphenol	7.06	107	256842	36.911	ng	95
18) Hexachloroethane	7.31	117	125751	39.014	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	200626	32.947	ng	94
20) 3+4-Methylphenols	7.22	107	314965	36.496	ng	# 60
22) Acetophenone	7.22	105	421871	36.436	ng	# 97
24) Nitrobenzene	7.39	77	318282	40.026	ng	95
25) Isophorone	7.63	82	533449	35.025	ng	99
26) 2-Nitrophenol	7.70	139	164967	50.959	ng	95
27) 2,4-Dimethylphenol	7.75	122	235418	35.024	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	333039	35.764	ng	98
29) 2,4-Dichlorophenol	7.95	162	241926	37.722	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	274641	39.020	ng	99
31) Naphthalene	8.11	128	877162	37.456	ng	100
32) Benzoic acid	7.89	122	158751	29.600	ng	97
33) 4-Chloroaniline	8.16	127	379304	37.806	ng	97
34) Hexachlorobutadiene	8.22	225	153951	39.933	ng	98
35) Caprolactam	8.55	113	77359	34.576	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	261579	38.037	ng	97
37) 2-Methylnaphthalene	8.80	142	566943	37.427	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	252038	41.090	ng	99
40) Hexachlorocyclopentadiene	8.95	237	140981	41.055	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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 Sample : SSTDC0040
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 14:02:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	165142	38.784	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	185265	38.881	nq	97
45) 1,1'-Biphenyl	9.26	154	700933	38.939	nq	100
46) 2-Chloronaphthalene	9.29	162	554166	38.975	nq	99
47) 2-Nitroaniline	9.39	65	163265	46.432	nq	99
48) Acenaphthylene	9.71	152	830391	37.224	nq	99
49) Dimethylphthalate	9.57	163	653855	38.696	nq	99
50) 2,6-Dinitrotoluene	9.63	165	141450	45.240	nq	98
51) Acenaphthene	9.88	154	486852	35.769	nq	100
52) 3-Nitroaniline	9.81	138	163667	44.713	nq	94
53) 2,4-Dinitrophenol	9.92	184	50719	48.874	nq	# 24
54) Dibenzofuran	10.05	168	693981	36.586	nq	98
55) 4-Nitrophenol	9.97	139	96966	33.723	nq	98
56) 2,4-Dinitrotoluene	10.04	165	178588	43.544	nq	97
57) Fluorene	10.39	166	563084	40.784	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131112	36.883	nq	95
59) Diethylphthalate	10.26	149	619775	36.828	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	261480	42.526	nq	95
61) 4-Nitroaniline	10.42	138	162407	45.377	nq	98
62) Azobenzene	10.55	77	555001	34.520	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	92734	48.788	nq	# 72
65) n-Nitrosodiphenylamine	10.50	169	503455	37.314	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	158122	38.201	nq	95
67) Hexachlorobenzene	10.95	284	182367	39.156	nq	# 88
68) Atrazine	11.03	200	148936	36.570	nq	99
69) Pentachlorophenol	11.15	266	109154	37.883	nq	96
70) Phenanthrene	11.36	178	800461	36.937	nq	99
71) Anthracene	11.42	178	819805	37.215	nq	99
72) Carbazole	11.57	167	783062	36.377	nq	99
73) Di-n-butylphthalate	11.89	149	944388	35.915	nq	99
74) Fluoranthene	12.55	202	827055	36.527	nq	98
76) Benzidine	12.67	184	371014	35.554	nq	99
77) Pyrene	12.78	202	848173	38.389	nq	99
79) Butylbenzylphthalate	13.39	149	397136	38.154	nq	99
80) Benzo(a)anthracene	13.97	228	717566	40.297	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	250348	37.706	nq	98
82) Chrysene	14.02	228	681391	37.254	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	528485	39.474	nq	100
84) Di-n-octyl phthalate	14.58	149	790519	35.337	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.93	276	546137	35.150	nq	94
87) Benzo(b)fluoranthene	15.04	252	642544	40.476	nq	98
88) Benzo(k)fluoranthene	15.07	252	558265	37.250	nq	99
89) Benzo(a)pyrene	15.40	252	542615	38.202	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	451362	38.692	nq	# 95
91) Benzo(g,h,i)perylene	17.38	276	443236	39.217	nq	94

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

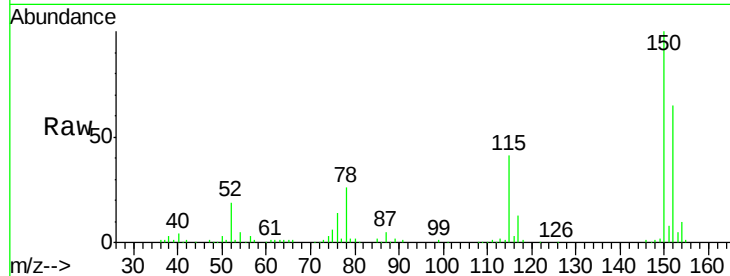


#1

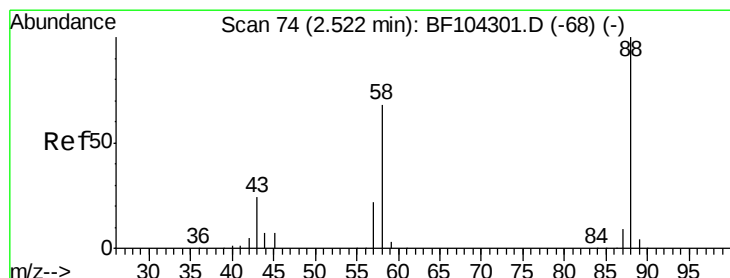
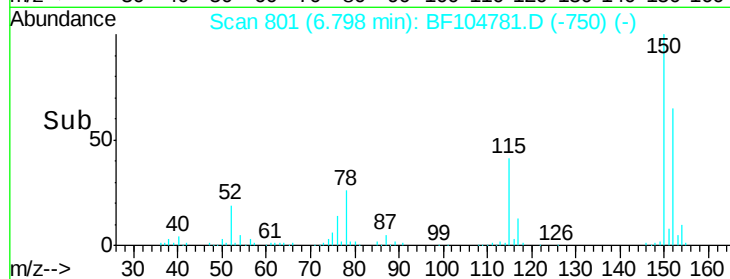
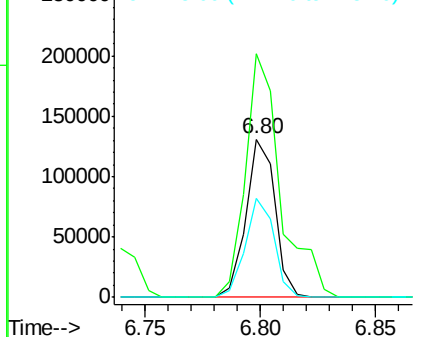
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115970
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 63.0 50.1 75.1



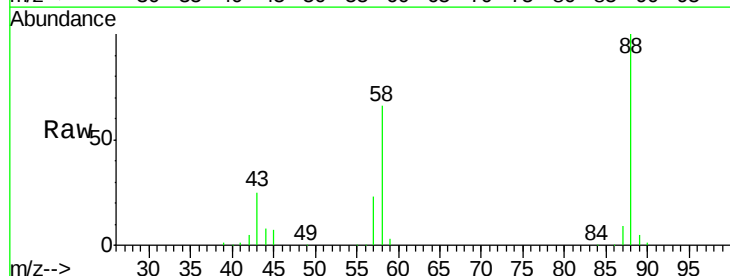
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



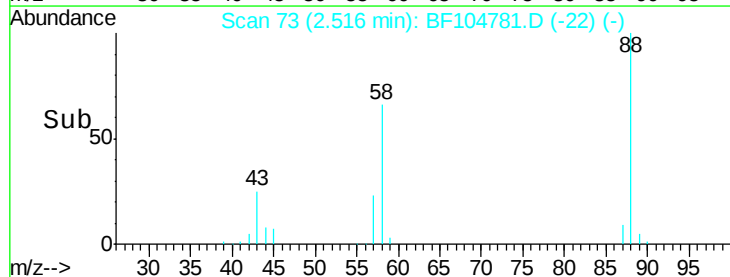
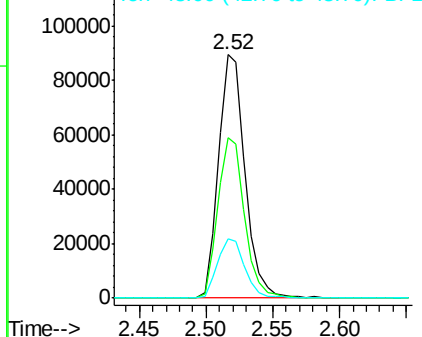
#2

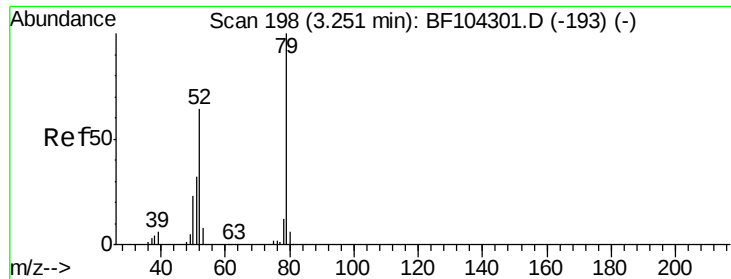
1,4-Dioxane
Concen: 35.503 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion: 88 Resp: 125469
Ion Ratio Lower Upper
88 100
58 65.9 62.6 93.8
43 25.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.586 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

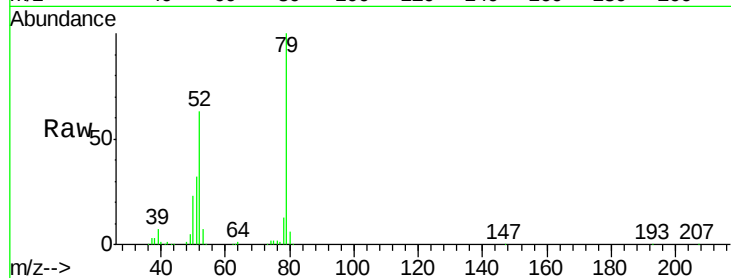
Tot Ion: 79 Resp: 333717

Ion Ratio Lower Upper

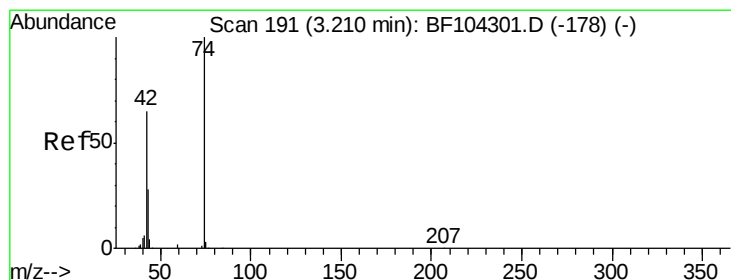
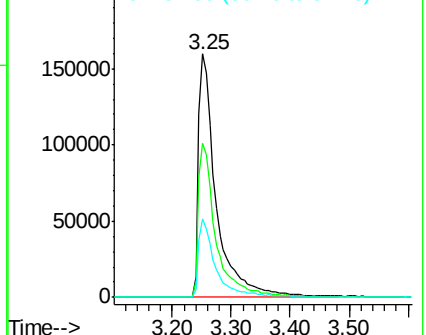
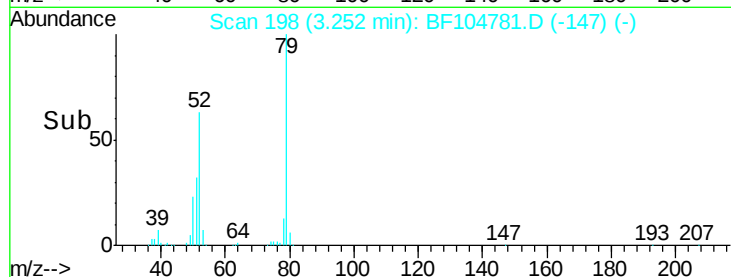
79 100

52 63.4 59.8 89.6

51 32.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.059 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

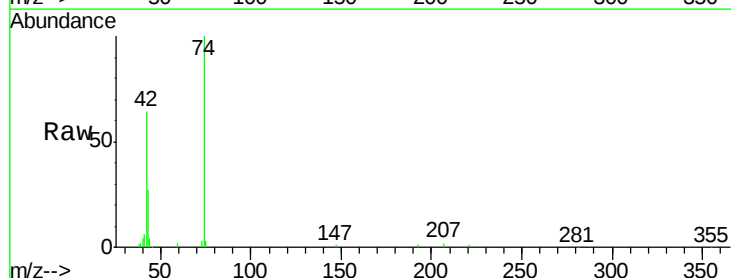
Tgt Ion: 42 Resp: 114824

Ion Ratio Lower Upper

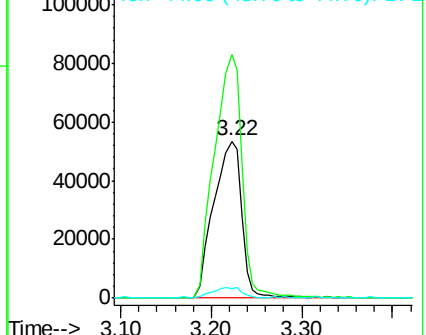
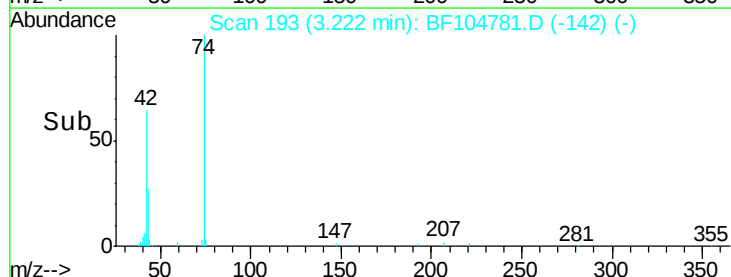
42 100

74 155.1 104.9 157.3

44 5.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.560 ng

RT: 5.42 min Scan# 566

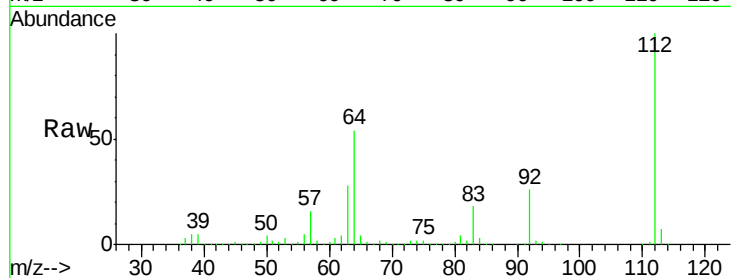
Delta R.T. 0.00 min

Lab File: BF104781.D

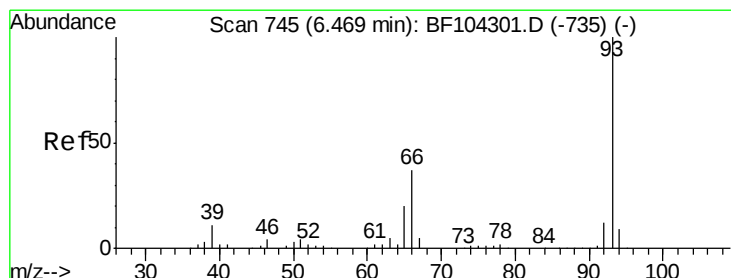
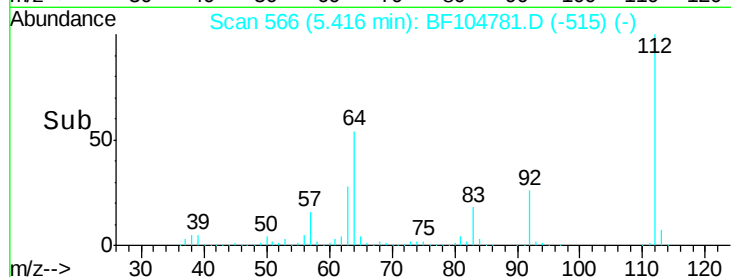
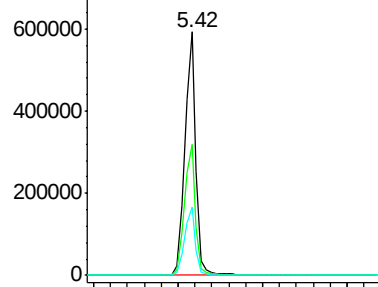
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	550328
Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	27.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.089 ng

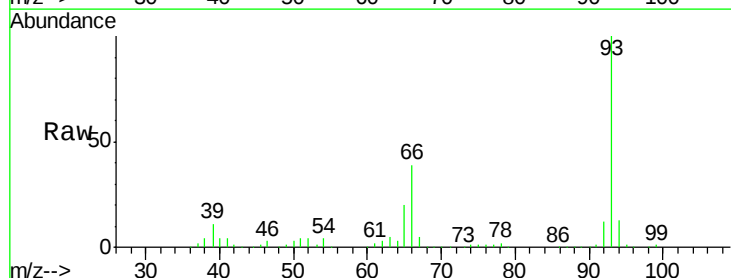
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

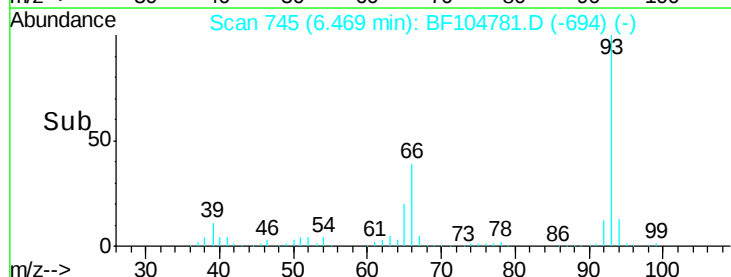
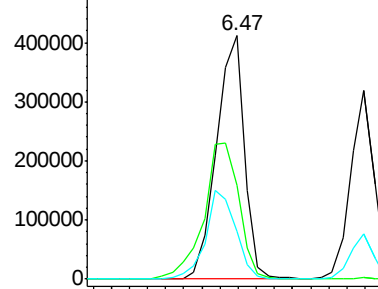
Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Tgt Ion:	93	Resp:	441347
Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.2	48.2
65	19.9	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: 71.716 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

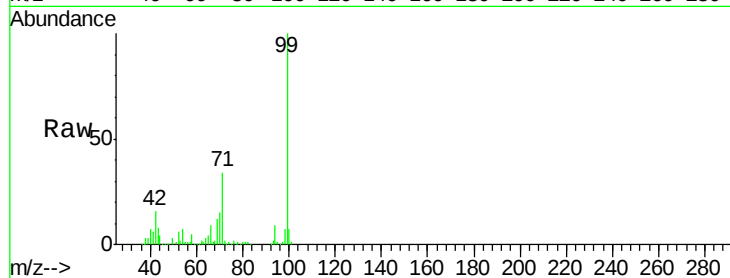
Tot Ion: 99 Resp: 668304

Ion Ratio Lower Upper

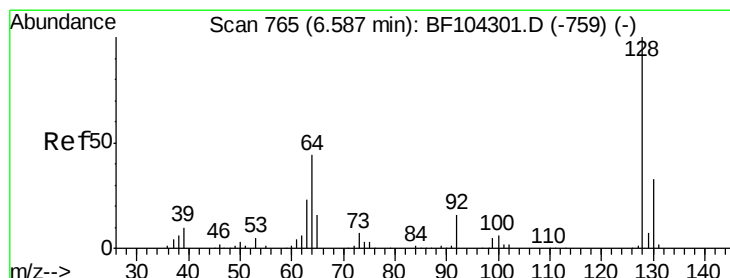
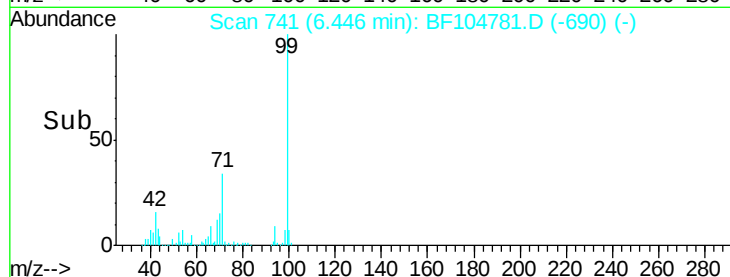
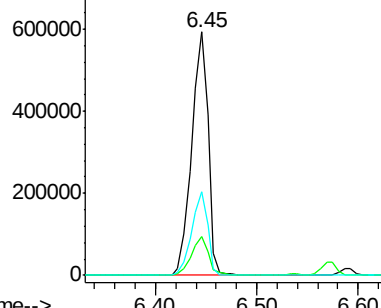
99 100

42 16.0 14.5 21.7

71 34.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.530 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

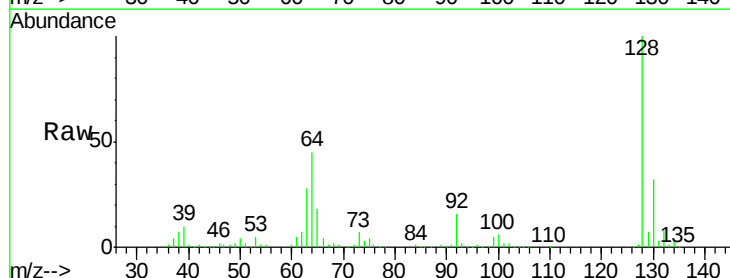
Tgt Ion: 128 Resp: 300429

Ion Ratio Lower Upper

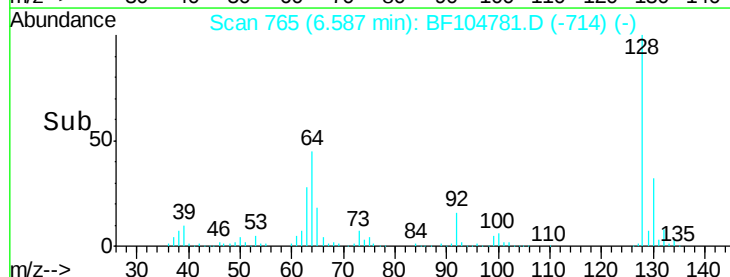
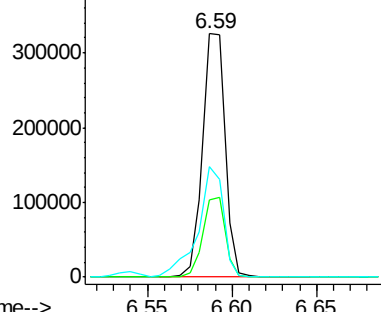
128 100

130 31.9 13.0 53.0

64 45.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 55.951 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

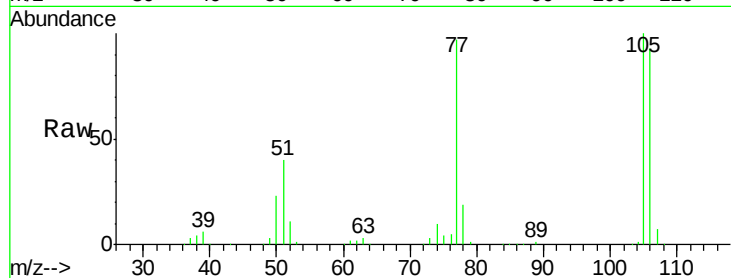
Tot Ion: 77 Resp: 230344

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

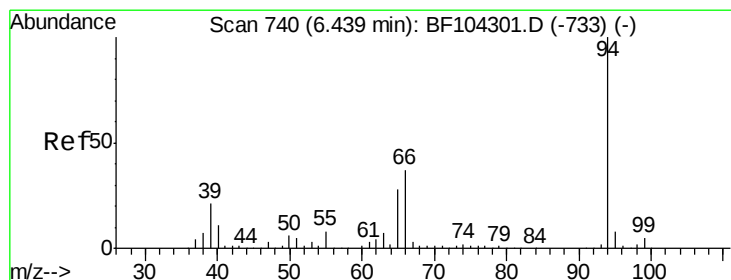
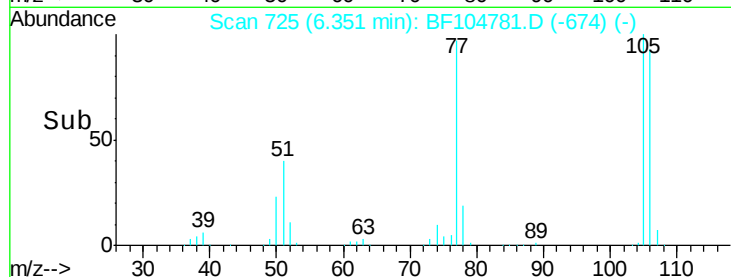
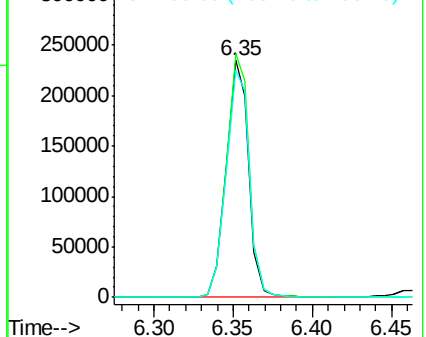
106 95.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.725 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

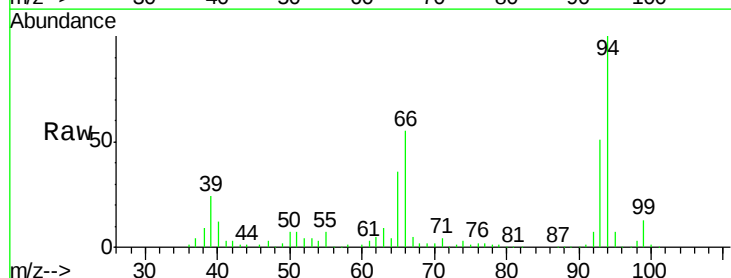
Tgt Ion: 94 Resp: 363122

Ion Ratio Lower Upper

94 100

65 36.1 7.9 47.9

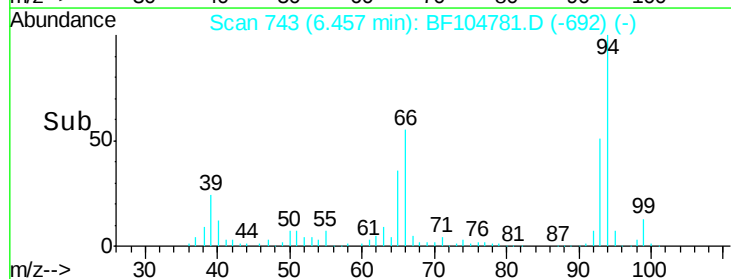
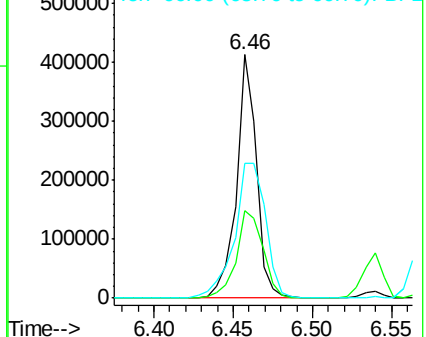
66 55.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

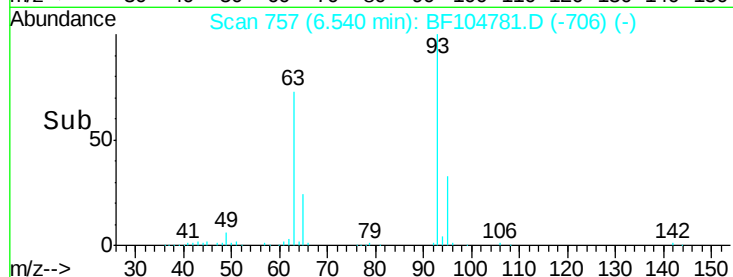
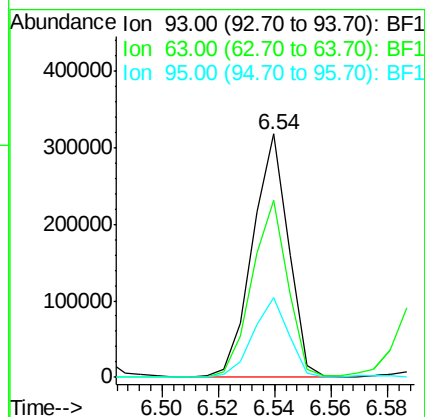
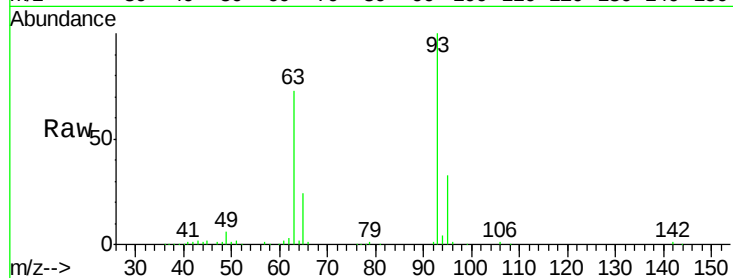




#11
 bis(2-Chloroethyl)ether
 Concen: 35.273 ng
 RT: 6.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

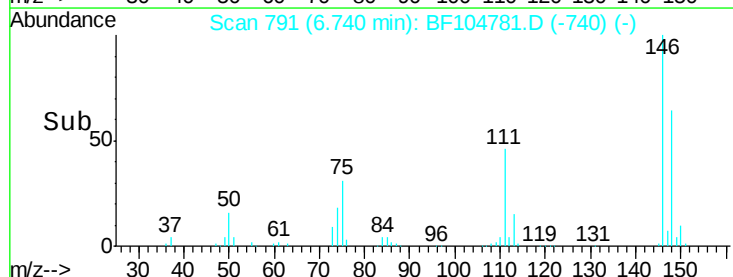
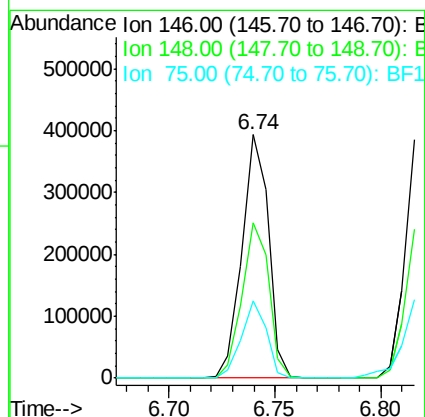
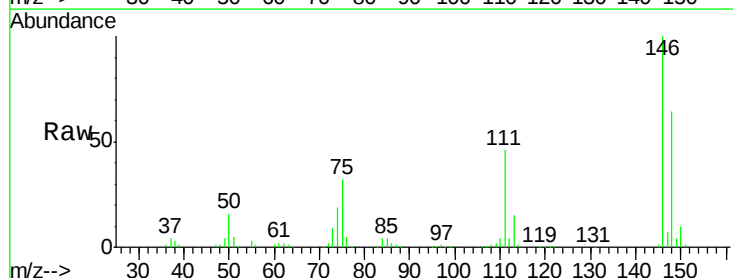
Instrument :
 BNA_F
 ClientSampleId :

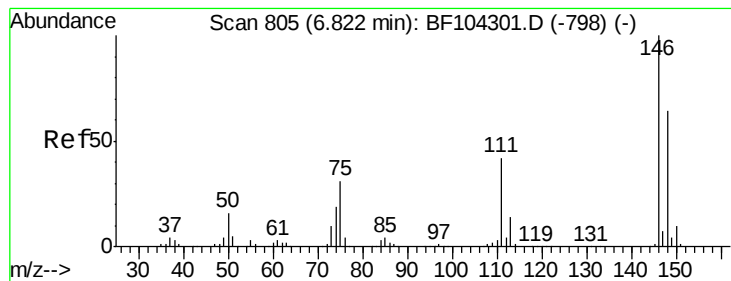
Tot Ion: 93 Resp: 278320
 Ion Ratio Lower Upper
 93 100
 63 72.7 58.6 98.6
 95 32.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.740 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion: 146 Resp: 342263
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 31.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.548 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampled :

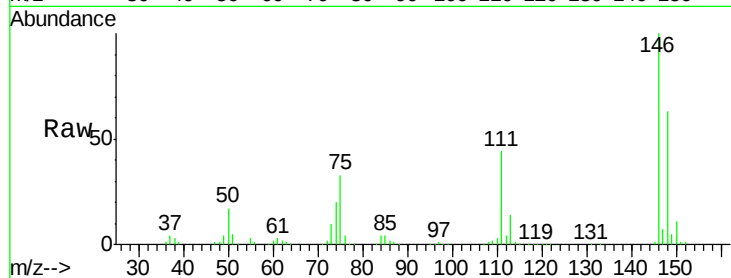
Tot Ion:146 Resp: 348477

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

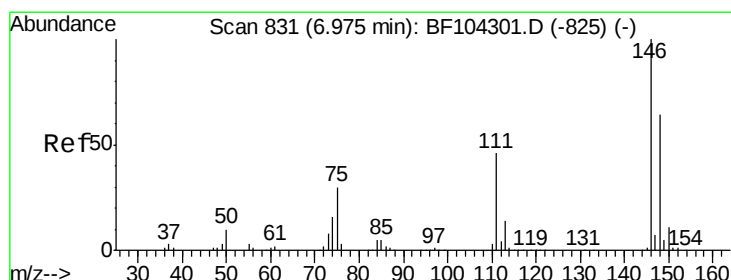
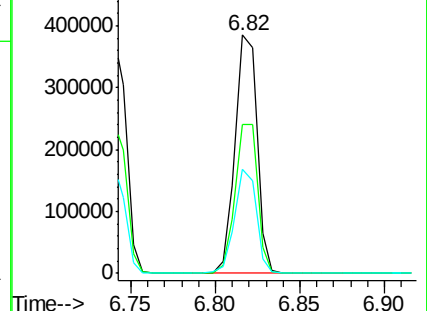
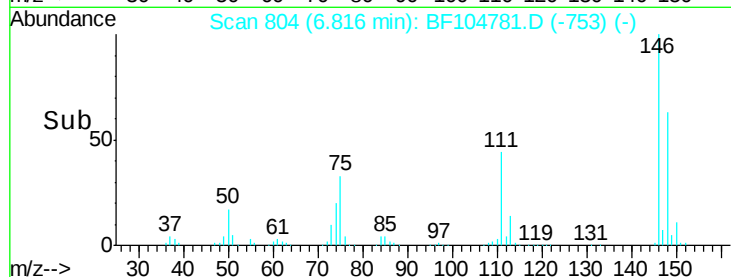
111 43.7 34.2 51.2



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: 38.524 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

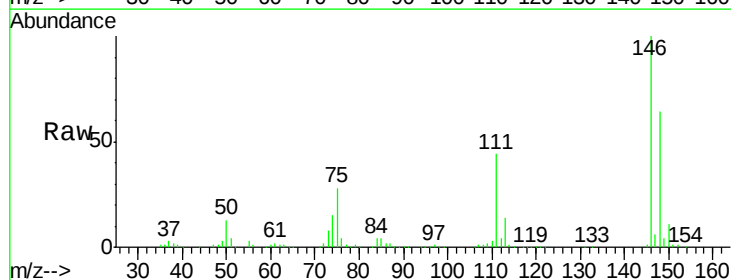
Tgt Ion:146 Resp: 322732

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

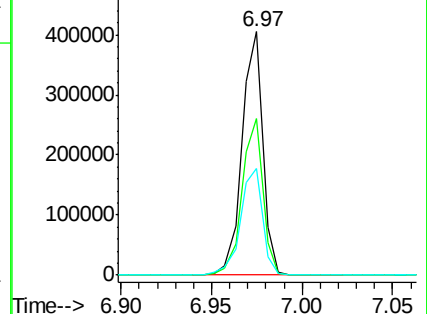
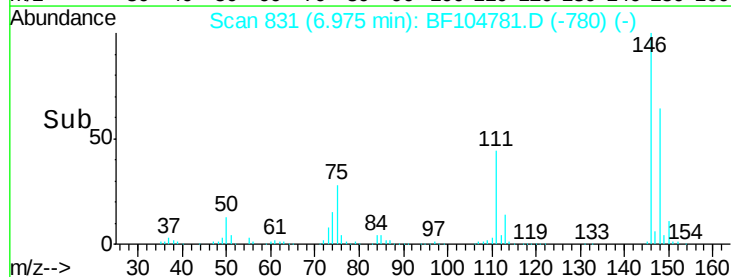
111 43.8 36.0 54.0

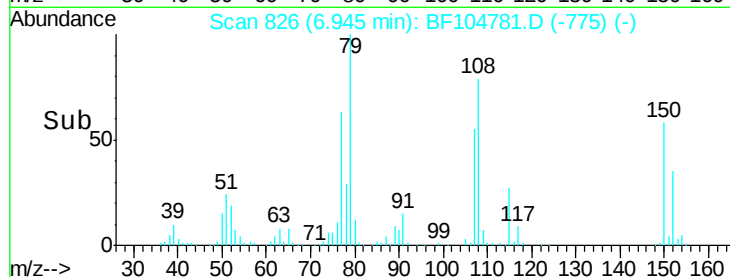
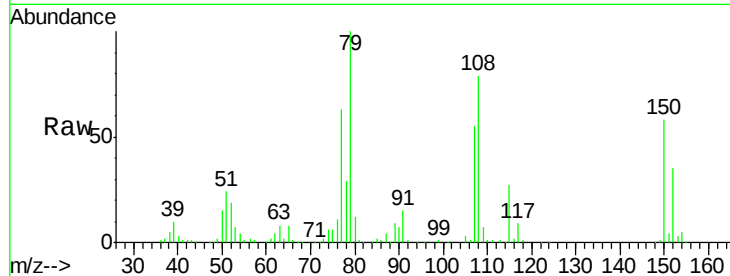
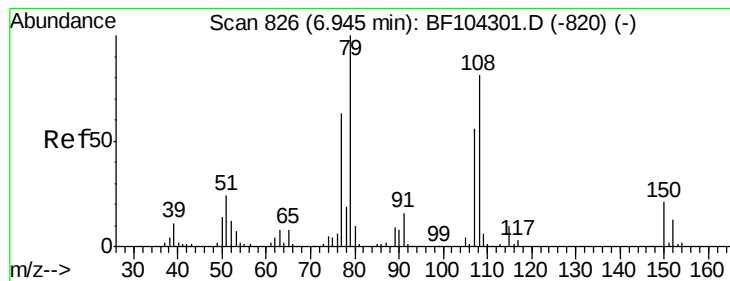


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.522 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

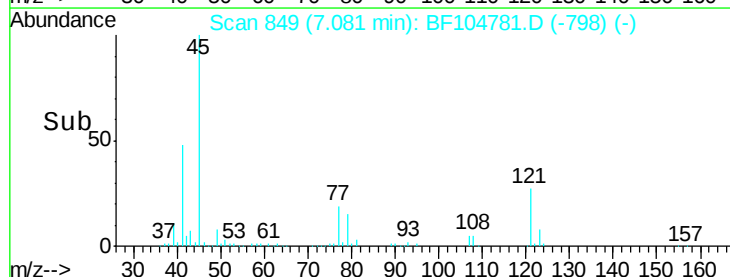
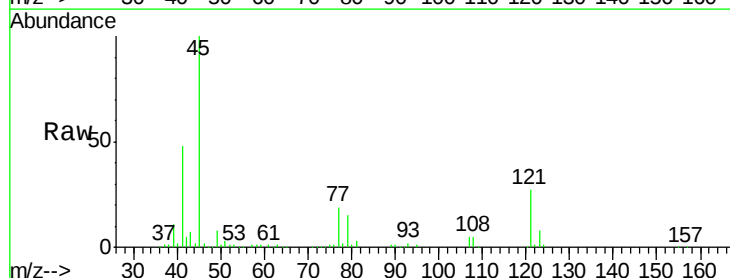
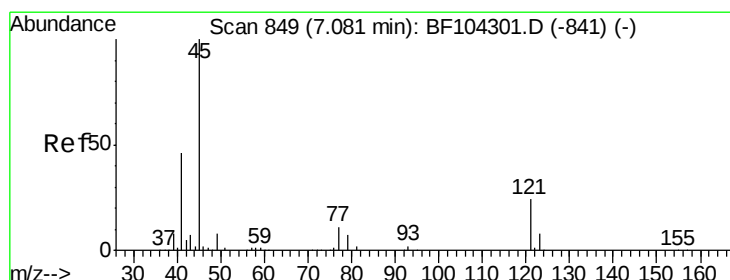
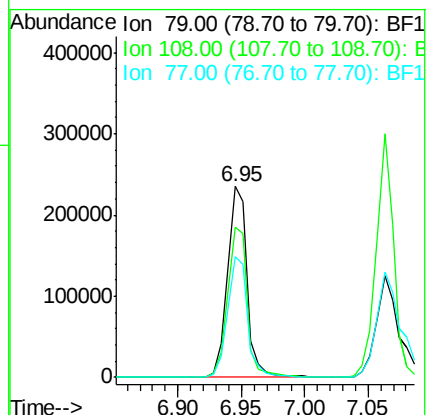
Tot Ion: 79 Resp: 251423

Ion Ratio Lower Upper

79 100

108 78.5 65.1 97.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.767 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

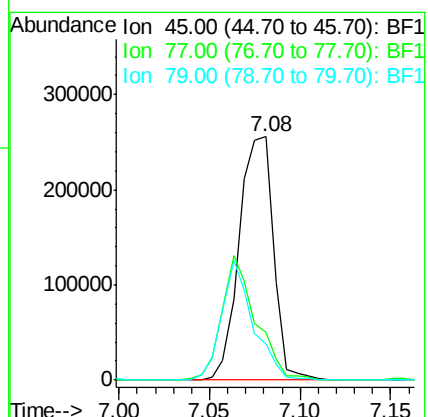
Tgt Ion: 45 Resp: 336617

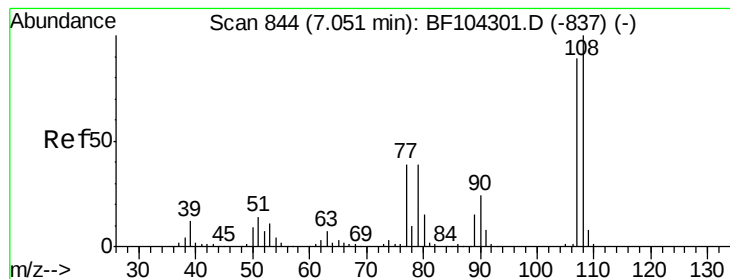
Ion Ratio Lower Upper

45 100

77 19.4 0.0 32.9

79 14.6 0.0 29.6





#17

2-Methylphenol

Concen: 36.911 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 256842

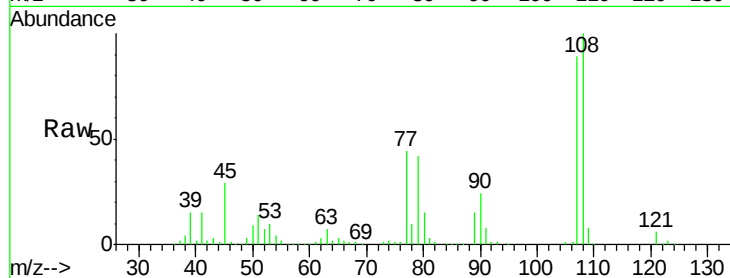
Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 49.2 33.8 50.8

79 47.2 33.8 50.8

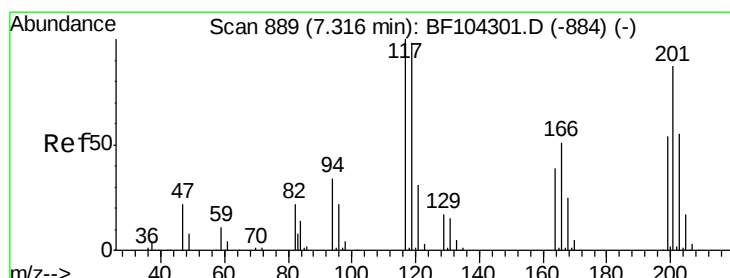
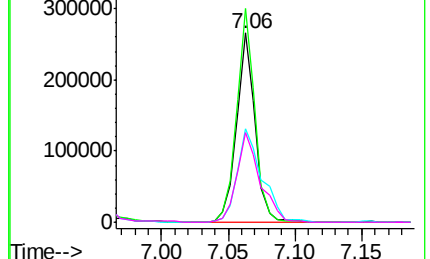
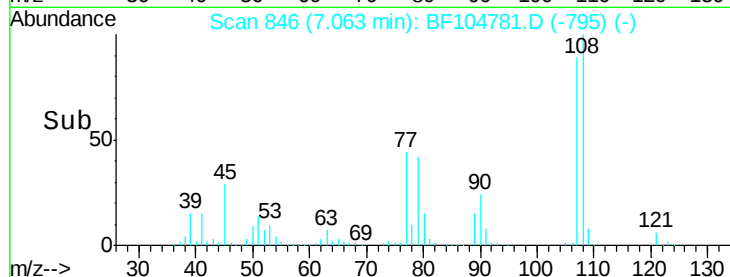


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.014 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

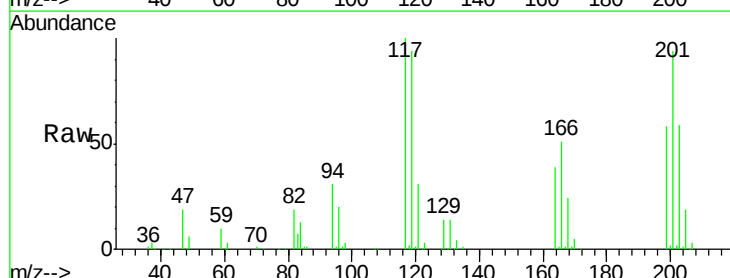
Tgt Ion:117 Resp: 125751

Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.8

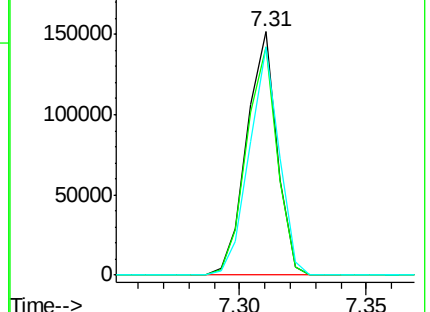
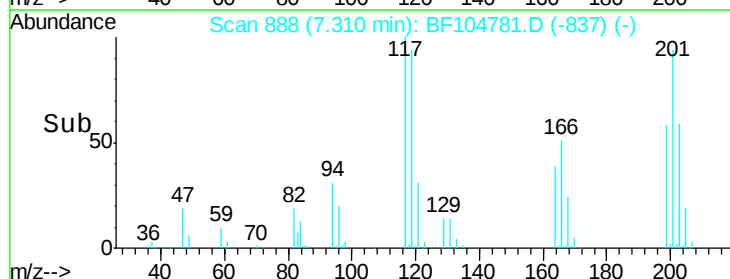
201 93.9 75.7 113.5

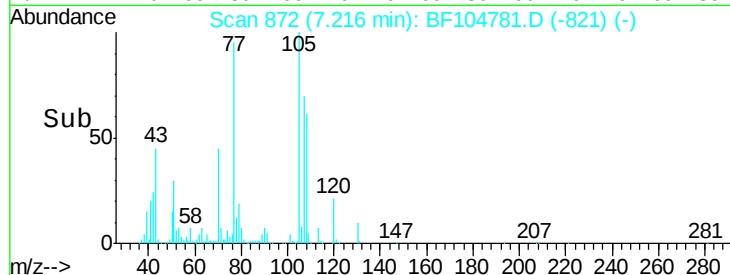
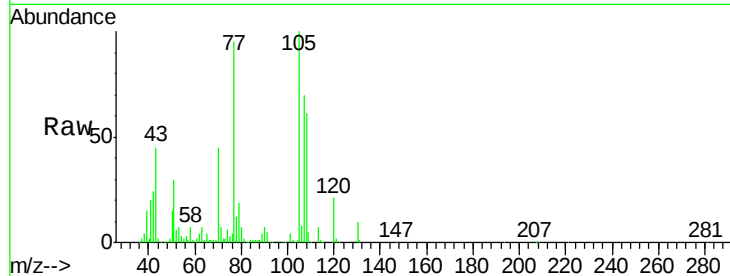
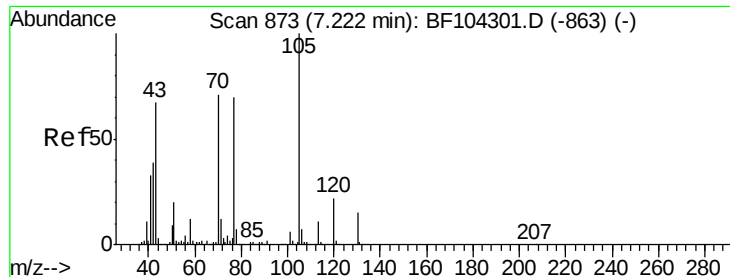


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

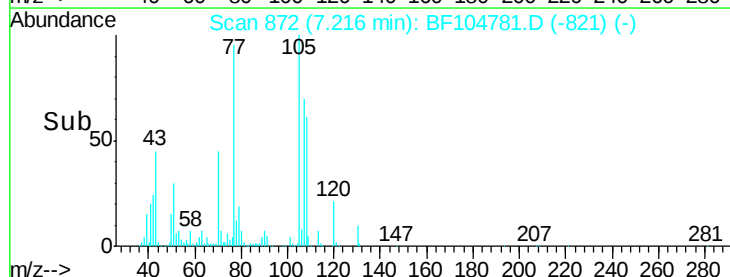
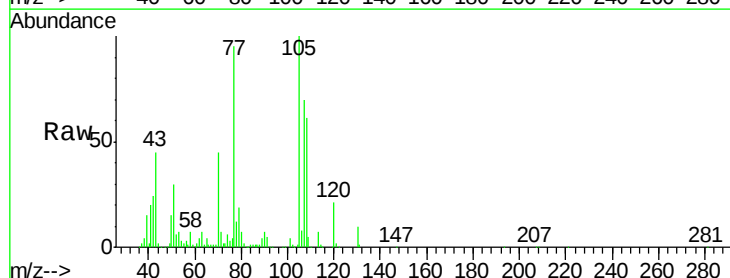
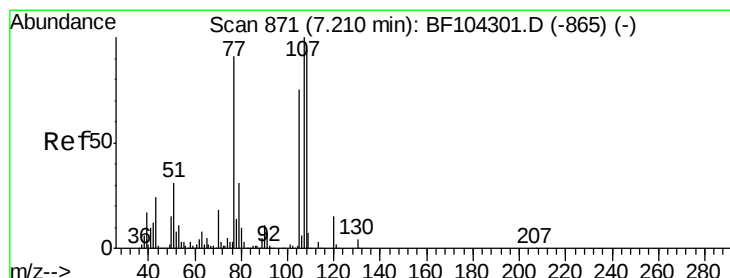
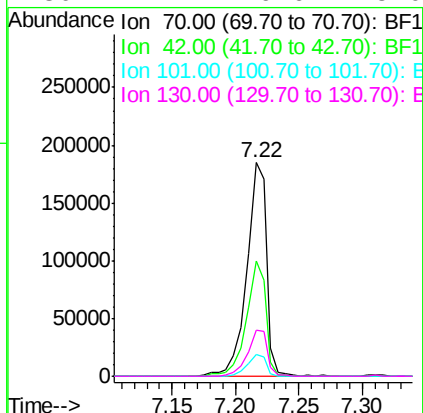




#19
n-Nitroso-di-n-propylamine
Concen: 32.947 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

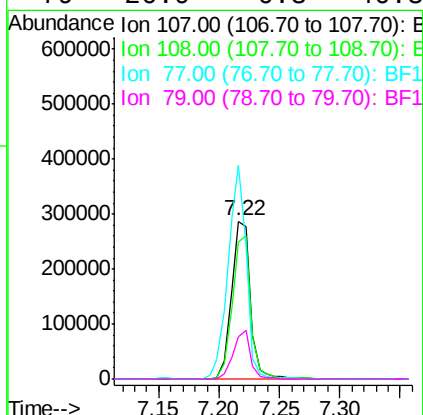
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 200626
Ion Ratio Lower Upper
70 100
42 53.7 47.5 71.3
101 9.9 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.496 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:107 Resp: 314965
Ion Ratio Lower Upper
107 100
108 86.8 68.2 108.2
77 135.4 26.7 66.7#
79 26.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470299

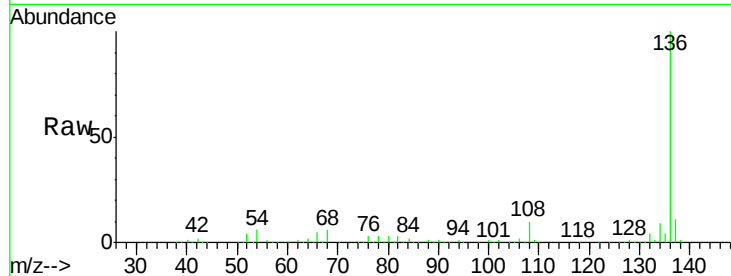
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

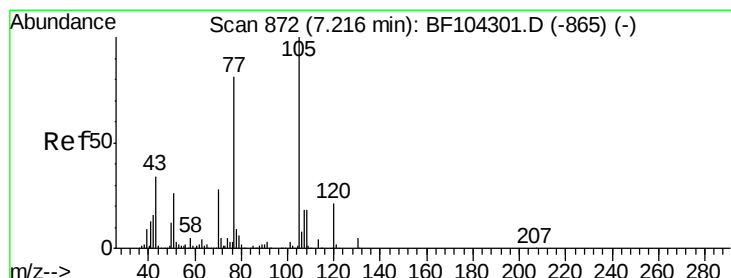
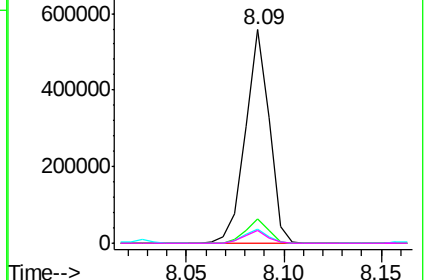
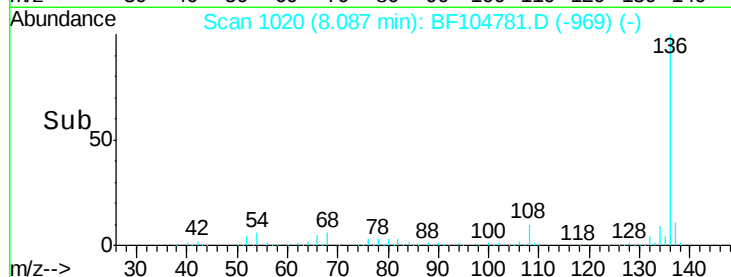


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.436 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Tgt Ion:105 Resp: 421871

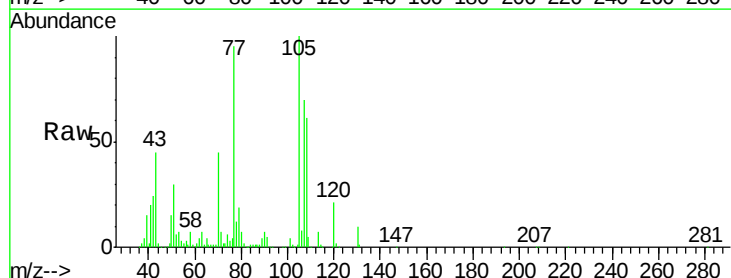
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 29.7 22.3 33.5

120 20.9 16.9 25.3

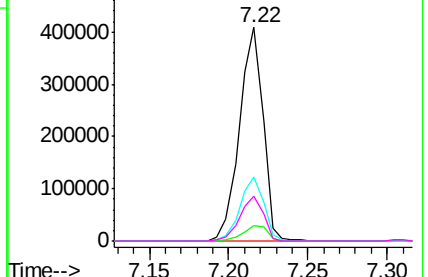
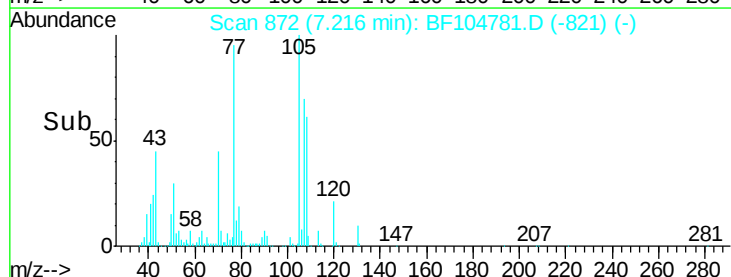


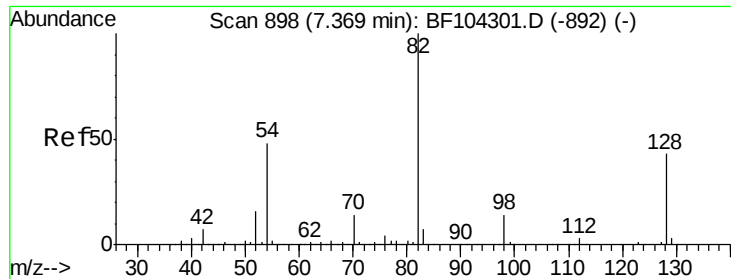
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

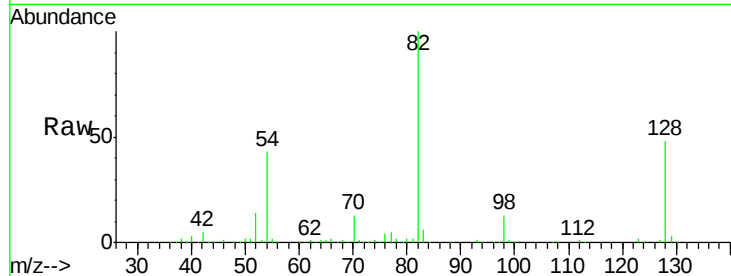




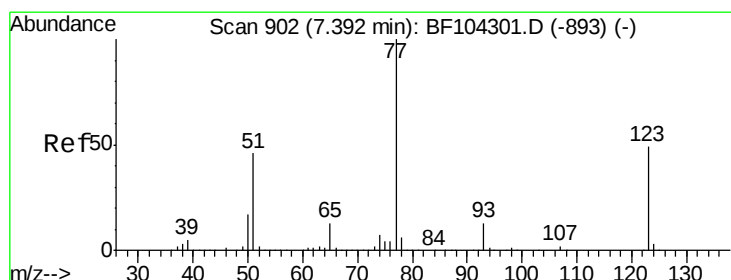
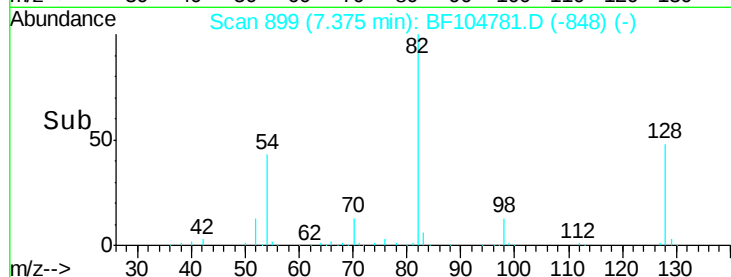
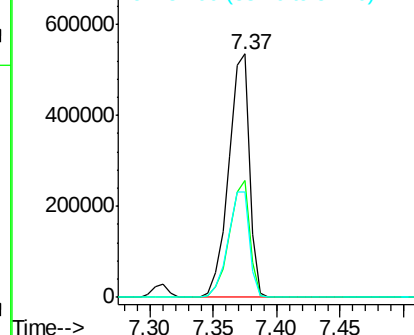
#23
 Nitrobenzene-d5
 Concen: 84.309 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 607219
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 43.2 41.4 62.2

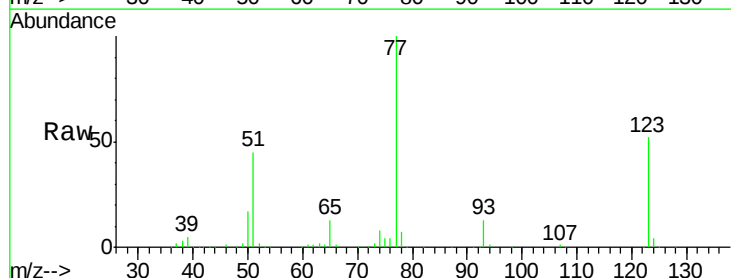


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

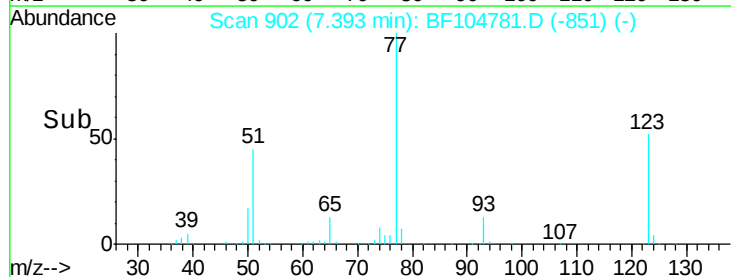
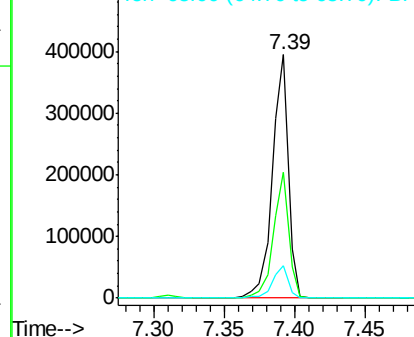


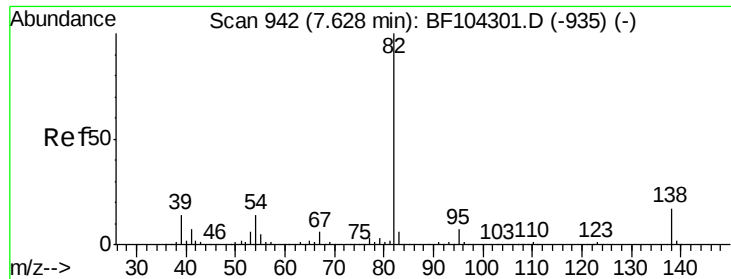
#24
 Nitrobenzene
 Concen: 40.026 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion: 77 Resp: 318282
 Ion Ratio Lower Upper
 77 100
 123 51.8 37.9 56.9
 65 13.1 11.0 16.4



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

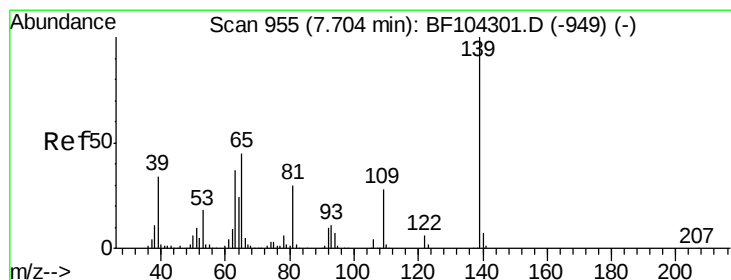
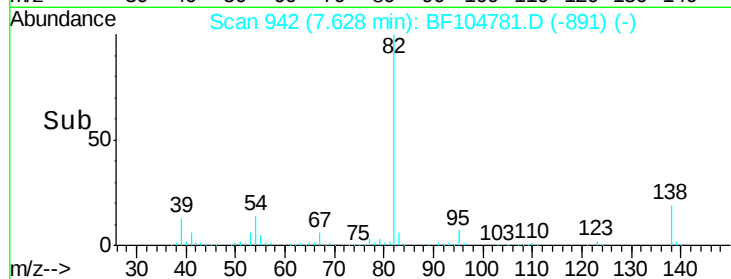
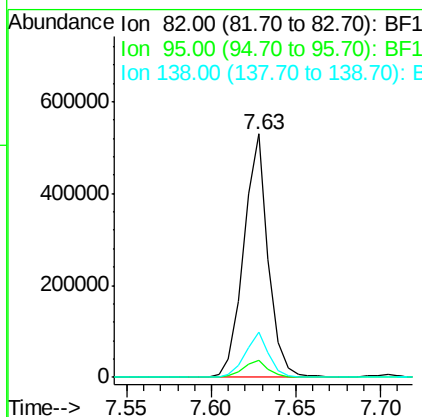
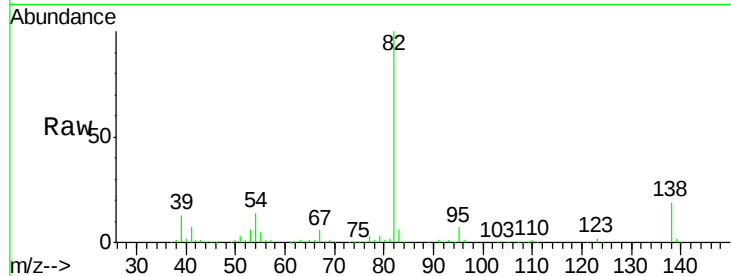




#25
Isophorone
Concen: 35.025 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

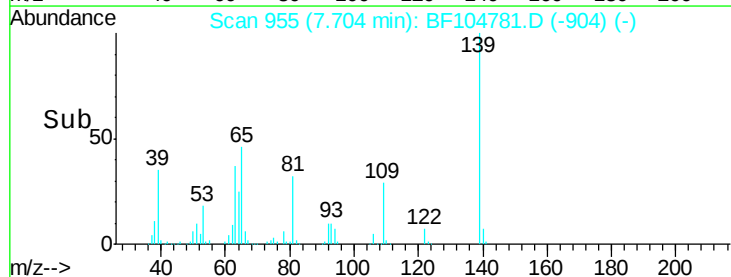
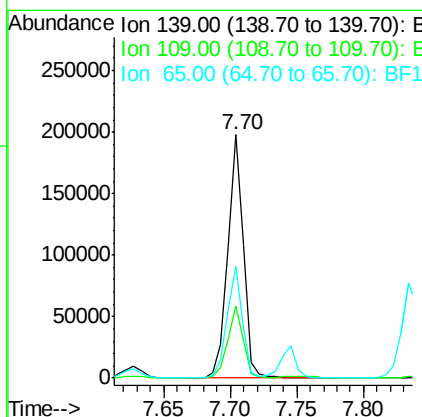
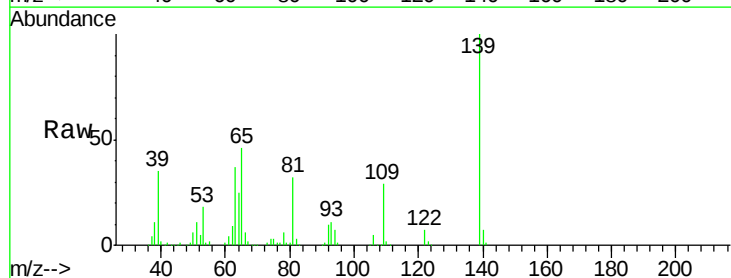
Instrument :
BNA_F
ClientSampleId :

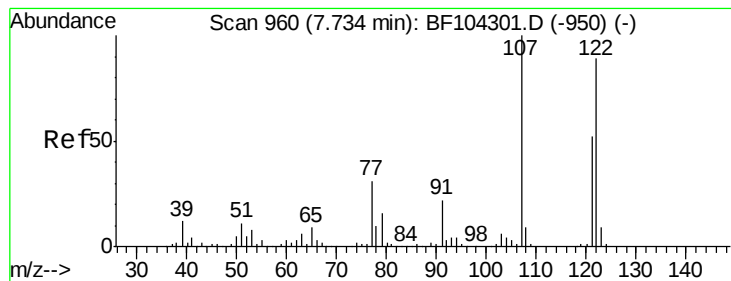
Tot Ion: 82 Resp: 533449
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 50.959 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion: 139 Resp: 164967
Ion Ratio Lower Upper
139 100
109 29.5 22.7 34.1
65 46.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 35.024 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

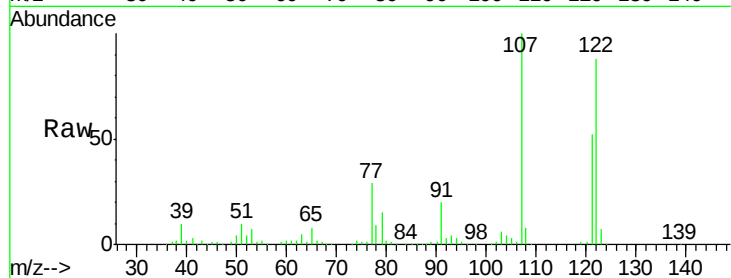
Tot Ion:122 Resp: 235418

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

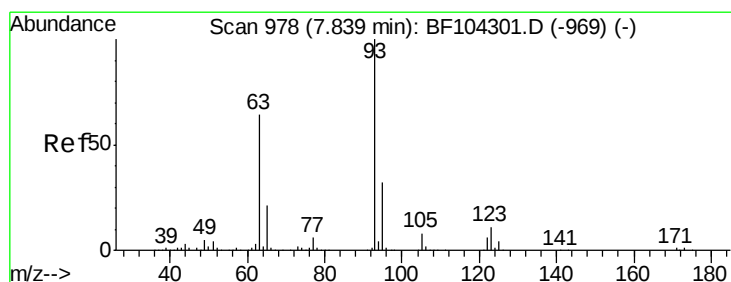
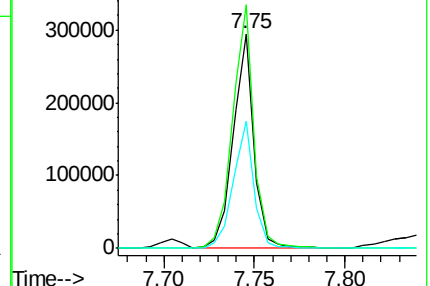
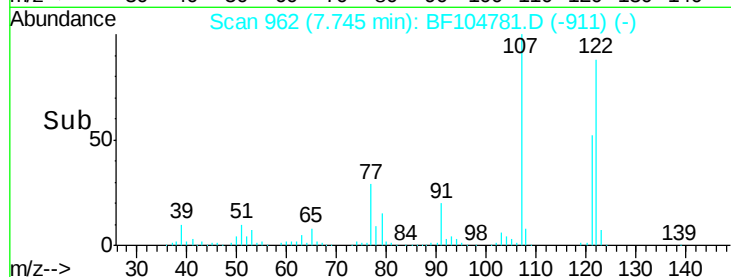
121 59.3 47.2 70.8



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: 35.764 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

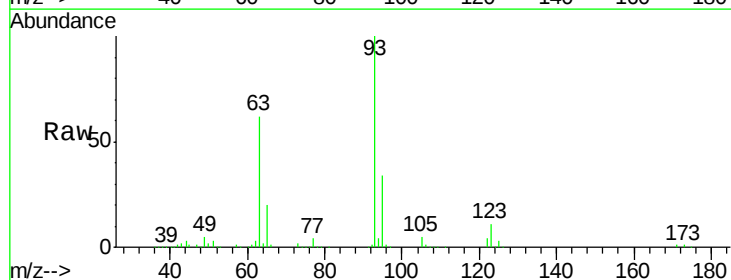
Tgt Ion: 93 Resp: 333039

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

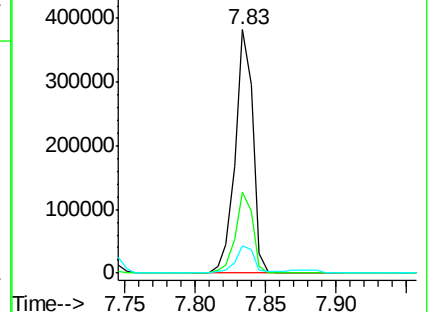
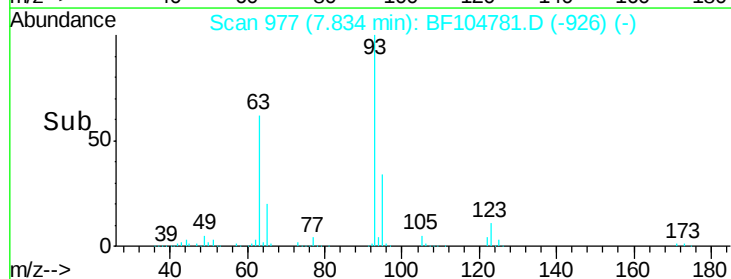
123 11.2 9.8 14.6

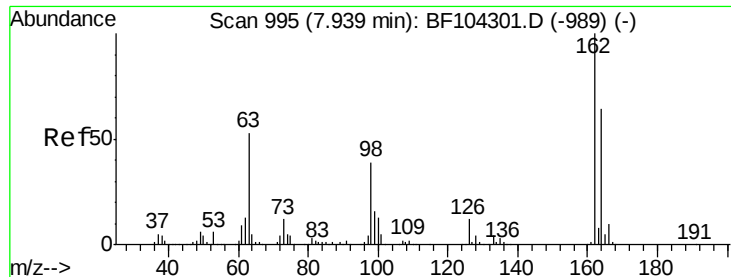


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

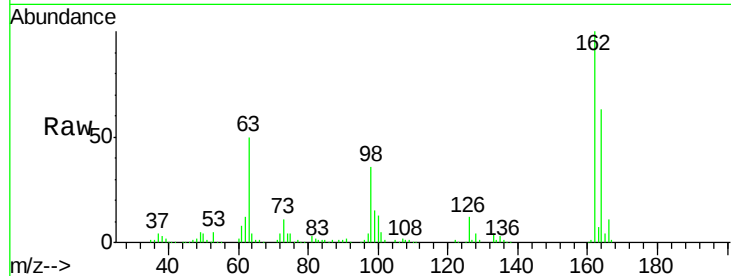




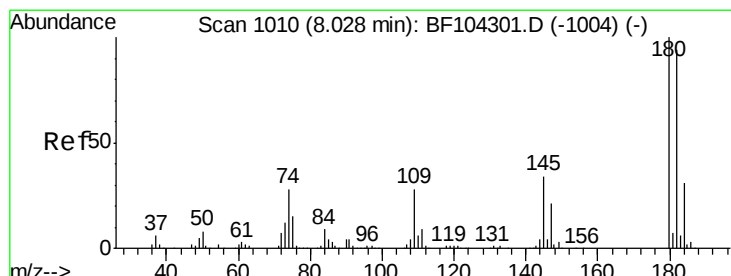
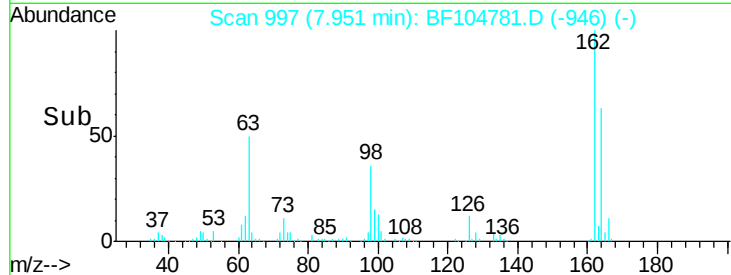
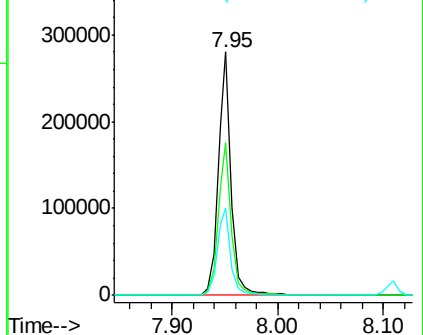
#29
2,4-Dichlorophenol
Concen: 37.722 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	36.0	18.1	58.1

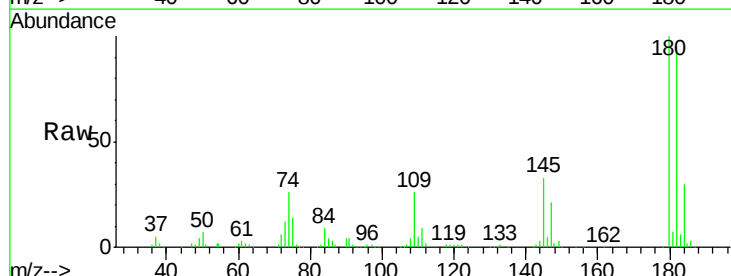


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

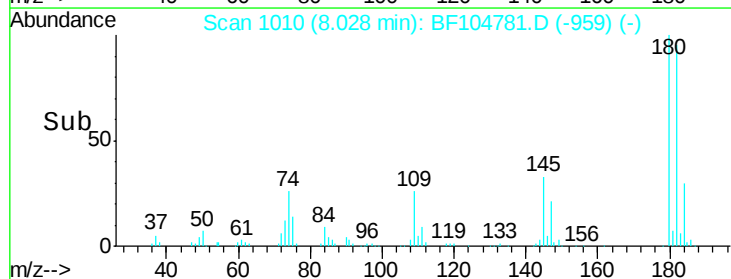
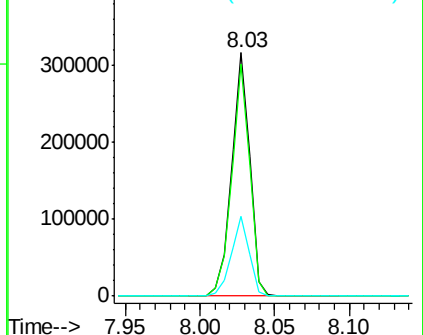


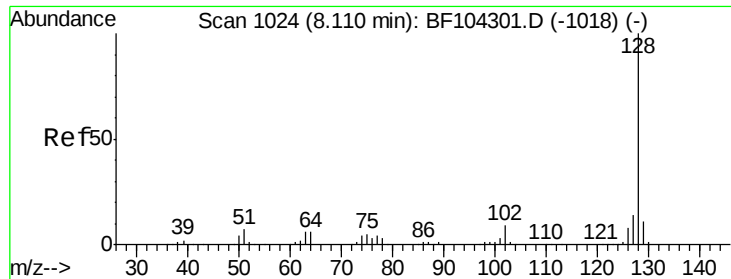
#30
1,2,4-Trichlorobenzene
Concen: 39.020 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	32.9	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

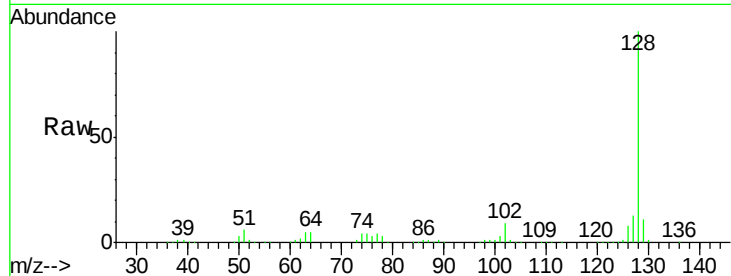




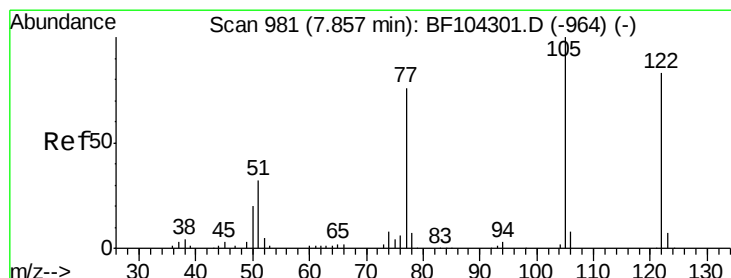
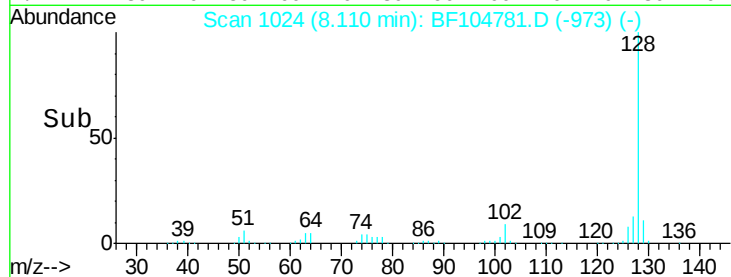
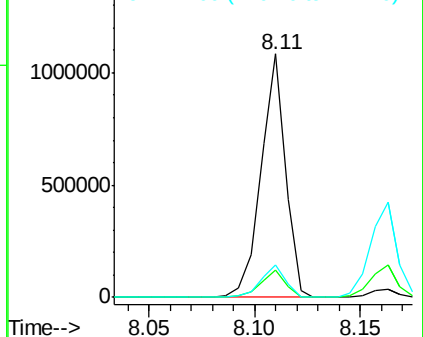
#31
Naphthalene
Concen: 37.456 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 877162
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

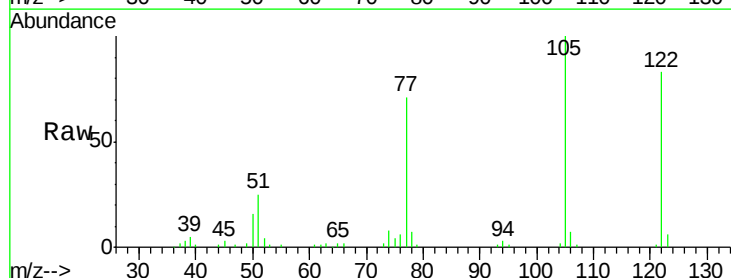


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

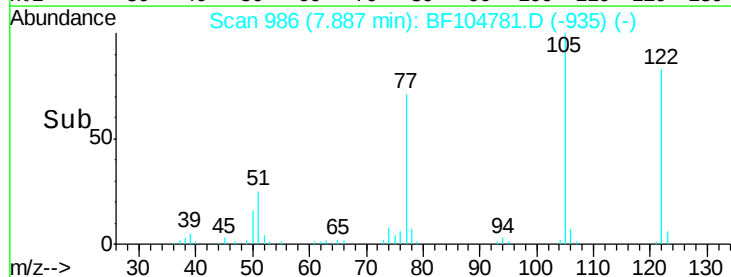
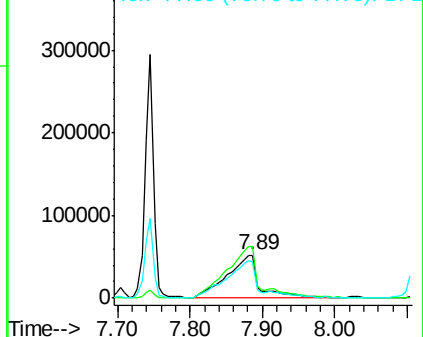


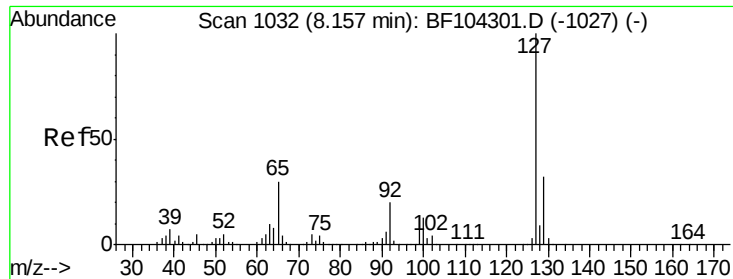
#32
Benzoic acid
Concen: 29.600 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:122 Resp: 158751
Ion Ratio Lower Upper
122 100
105 120.3 101.1 141.1
77 85.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

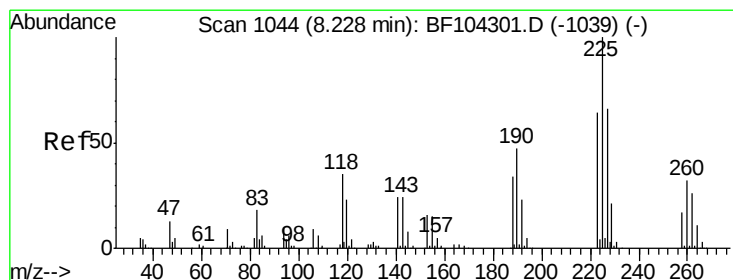
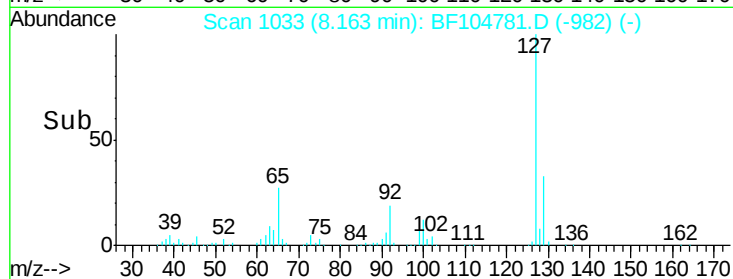
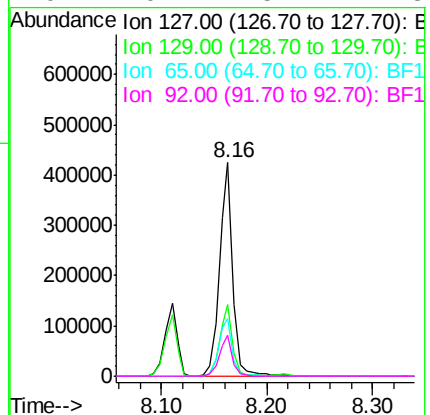
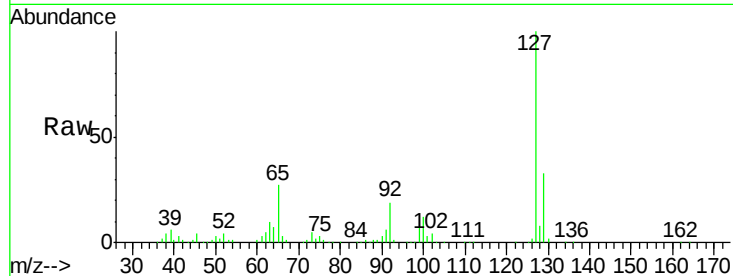




#33
4-Chloroaniline
Concen: 37.806 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

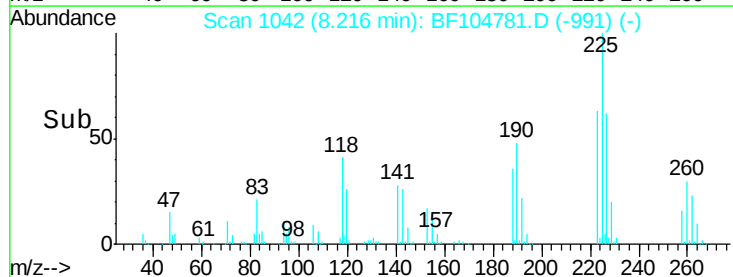
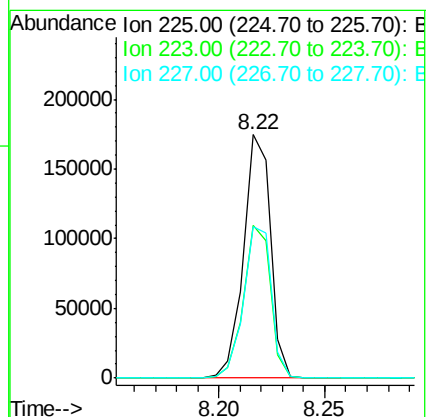
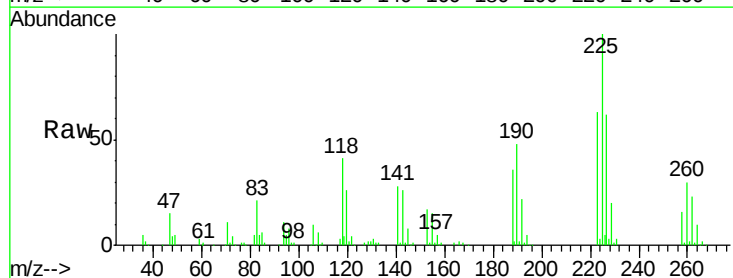
Instrument :
BNA_F
ClientSampleId :

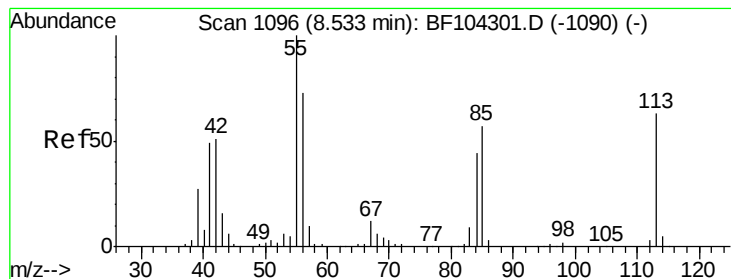
Tot Ion:	127	Resp:	379304
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	27.3	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.933 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:	225	Resp:	153951
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	62.0	51.9	77.9





#35

Caprolactam

Concen: 34.576 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampled :

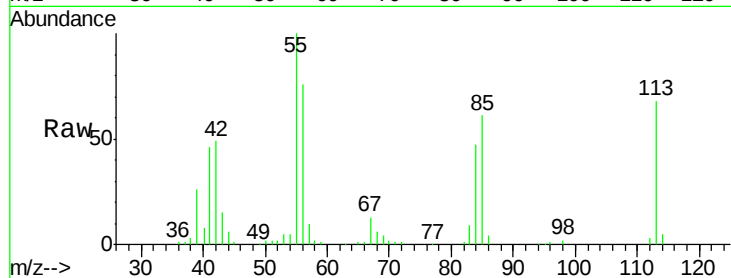
Tot Ion:113 Resp: 77359

Ion Ratio Lower Upper

113 100

55 147.9 163.3 203.3#

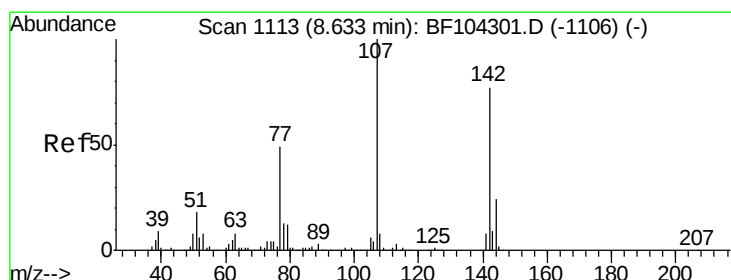
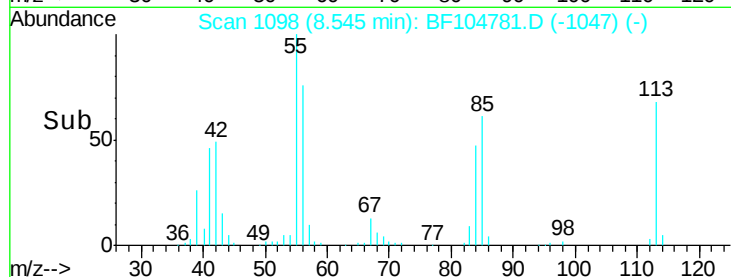
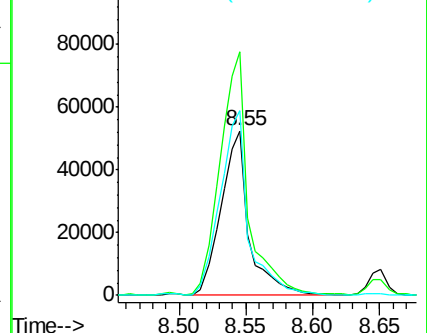
56 112.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.037 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

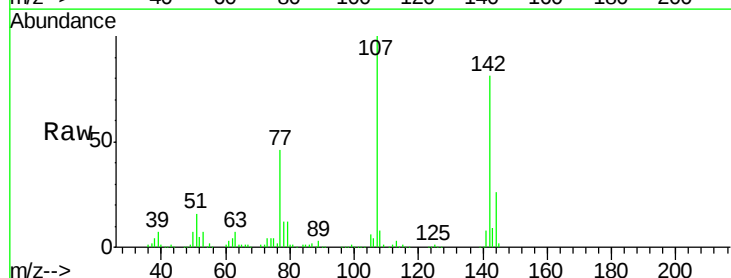
Tgt Ion:107 Resp: 261579

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

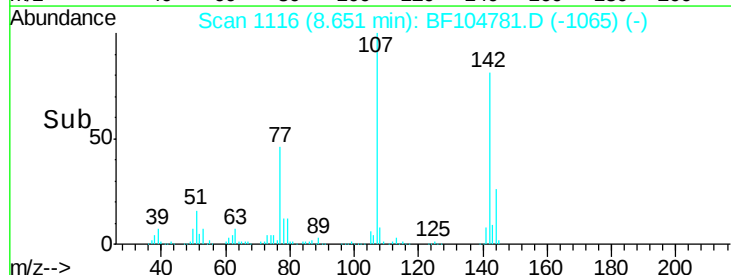
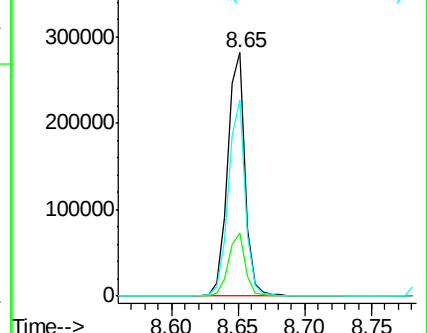
142 80.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

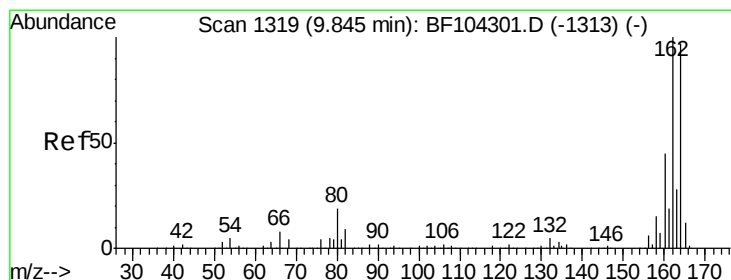
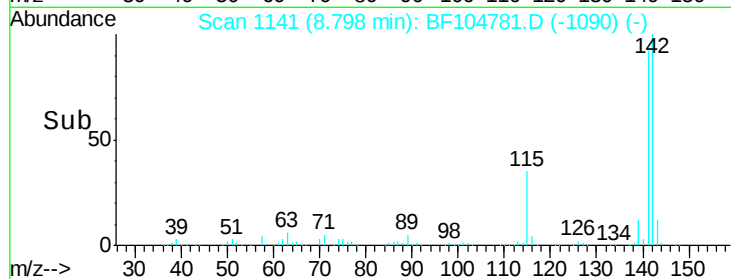
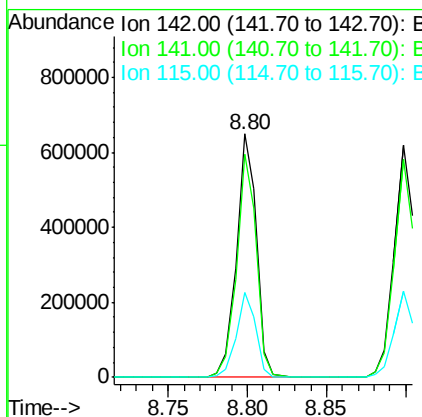
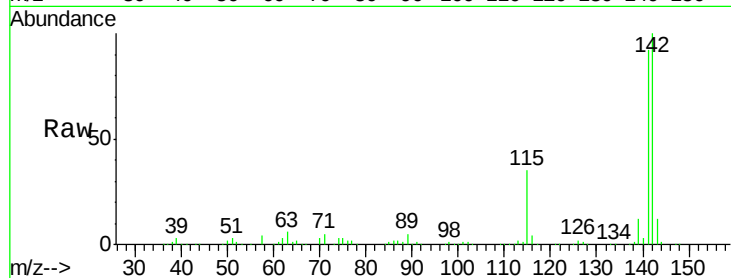




#37
 2-Methylnaphthalene
 Concen: 37.427 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

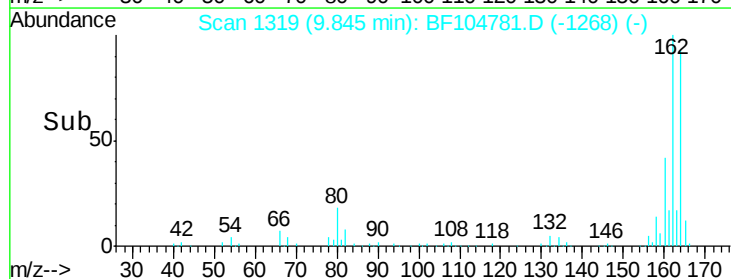
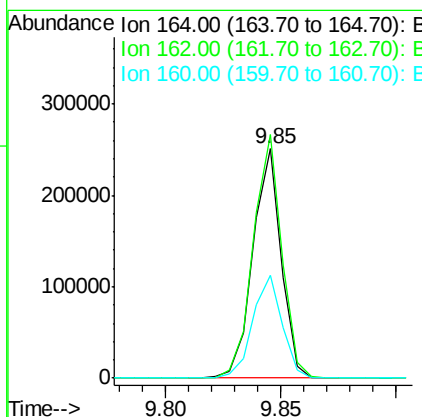
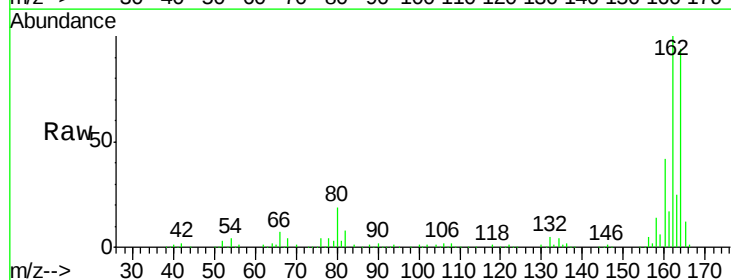
Instrument :
 BNA_F
 ClientSampleId :

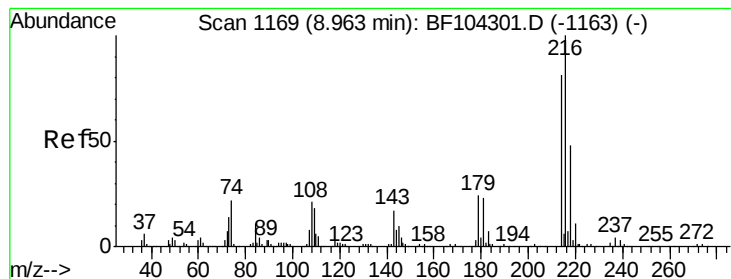
Tot Ion:142 Resp: 566943
 Ion Ratio Lower Upper
 142 100
 141 91.5 70.8 106.2
 115 35.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:164 Resp: 214277
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 45.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.090 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 252038

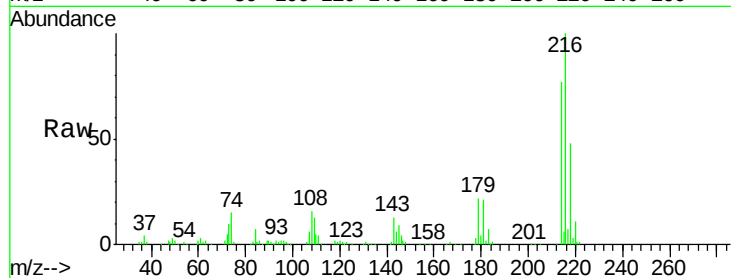
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.8 18.1 27.1

108 20.3 17.2 25.8

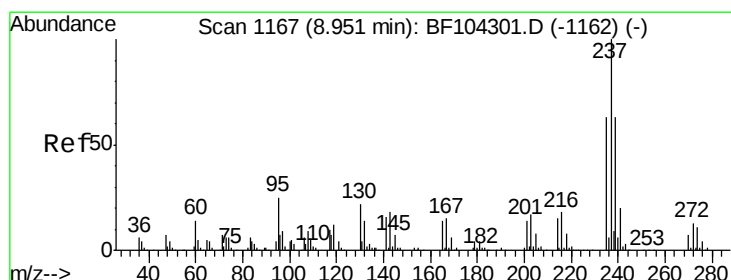
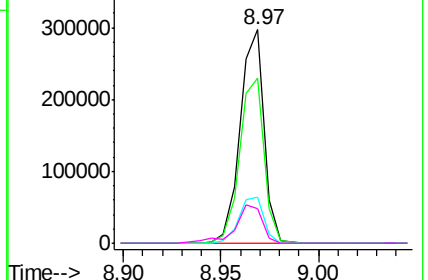
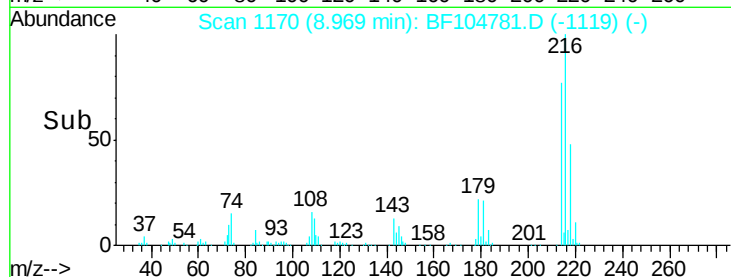


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.055 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

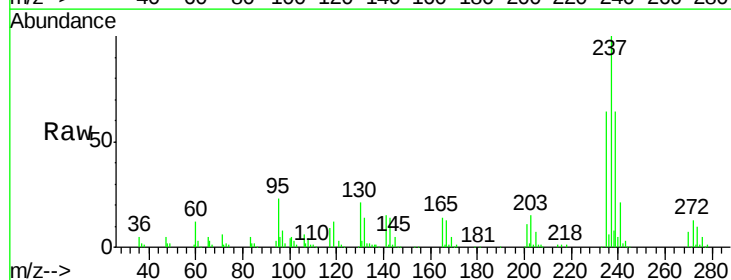
Tgt Ion:237 Resp: 140981

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

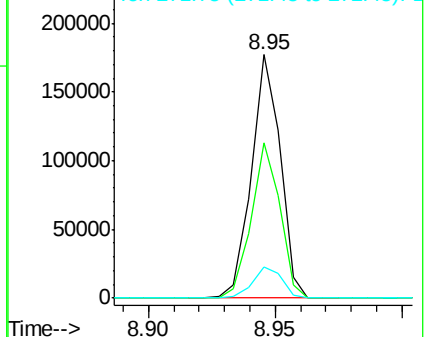
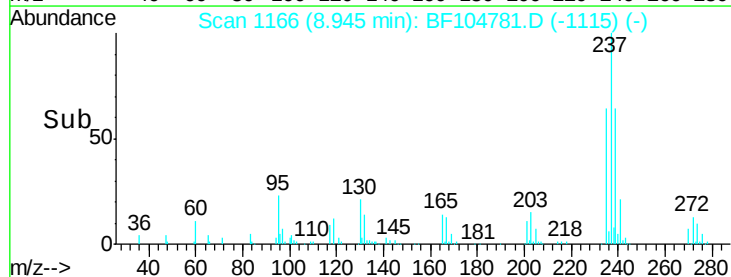
272 13.0 0.0 33.3



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

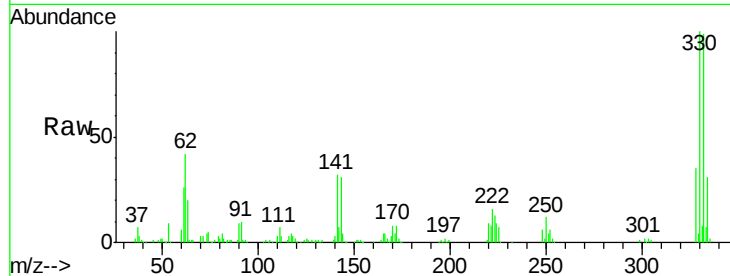




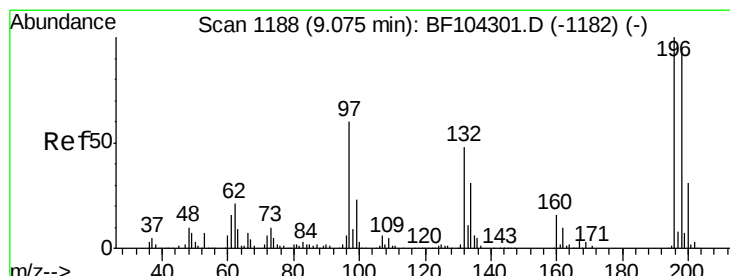
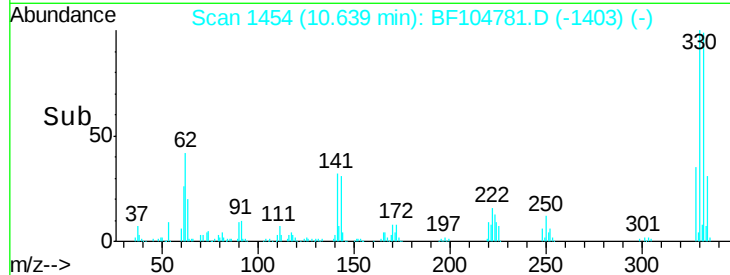
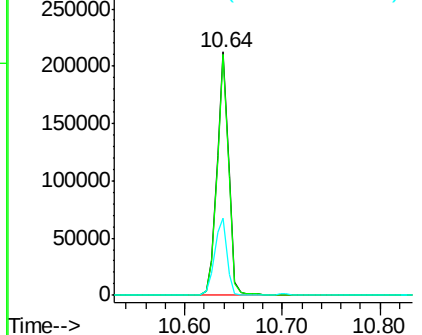
#41
 2,4,6-Tribromophenol
 Concen: 79.326 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176322
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.4 29.9 44.9

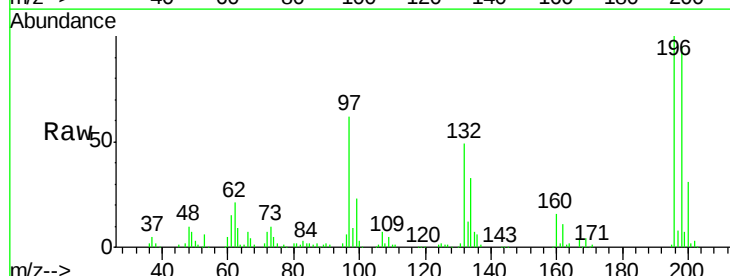


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

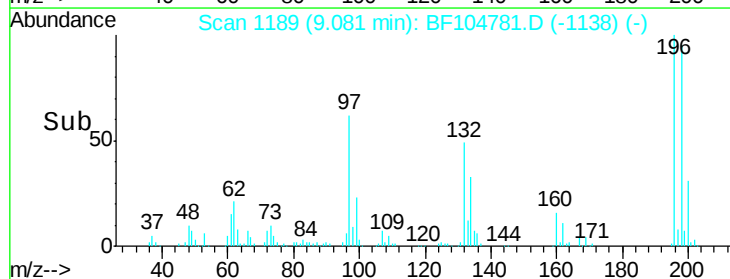
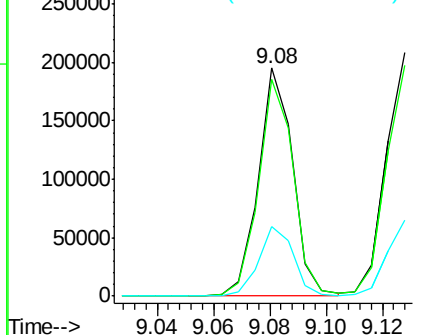


#42
 2,4,6-Trichlorophenol
 Concen: 38.784 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:196 Resp: 165142
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.7 24.5 36.7



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

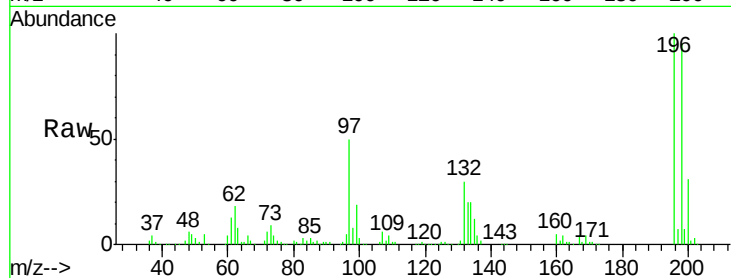




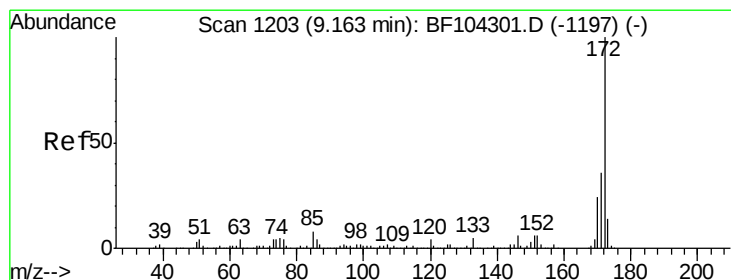
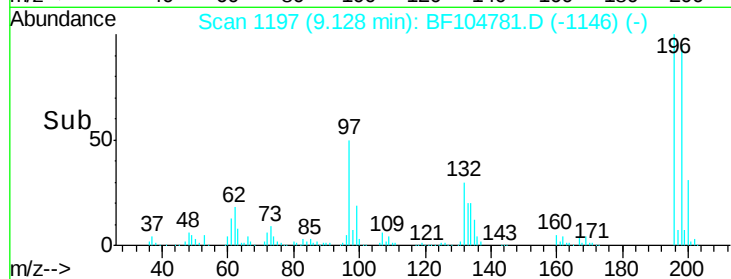
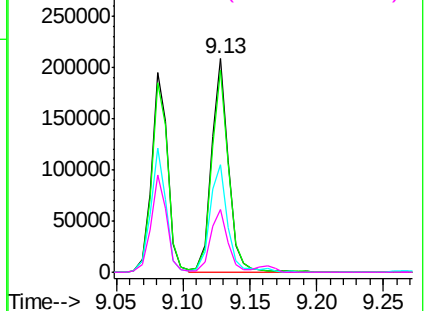
#43
 2,4,5-Trichlorophenol
 Concen: 38.881 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 185265
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 50.4 42.9 64.3
 132 29.7 26.3 39.5

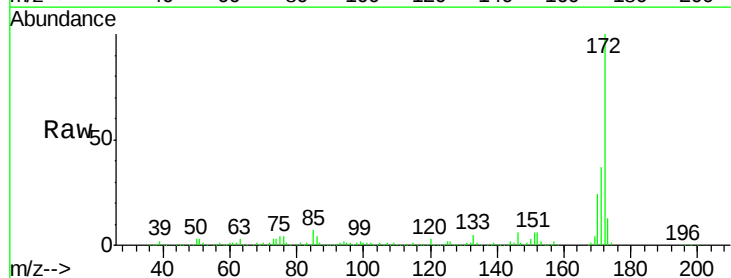


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

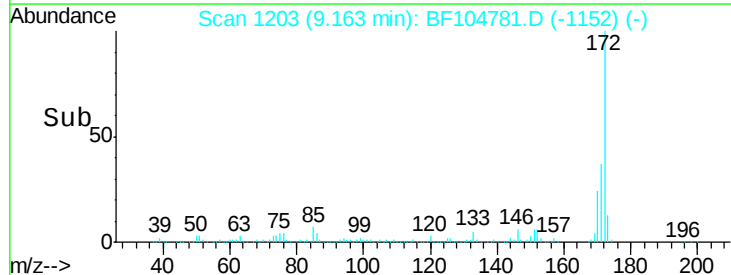
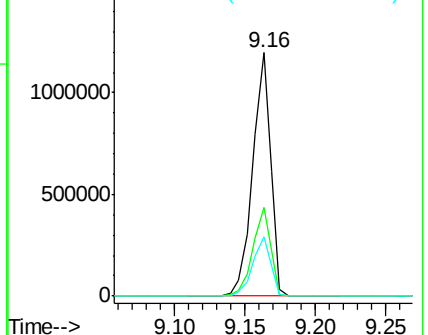


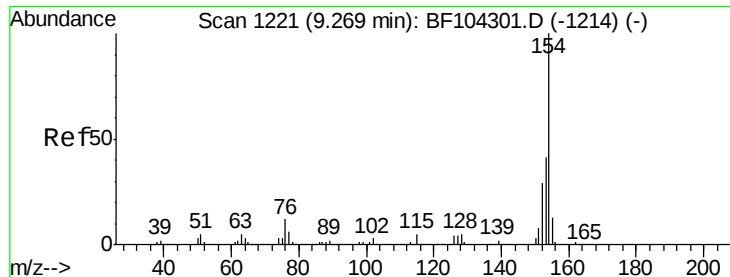
#44
 2-Fluorobiphenyl
 Concen: 79.025 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:172 Resp: 1071899
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 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: 38.939 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

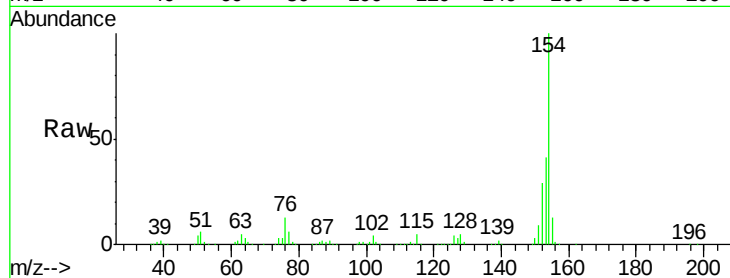
Tot Ion:154 Resp: 700933

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

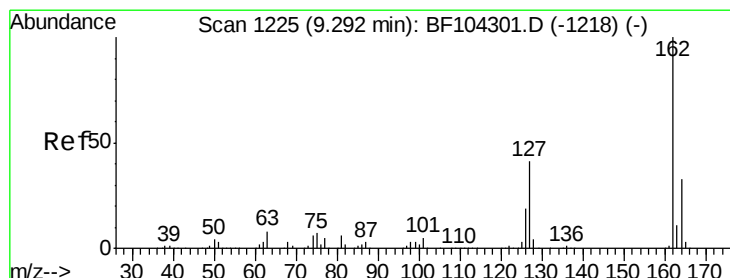
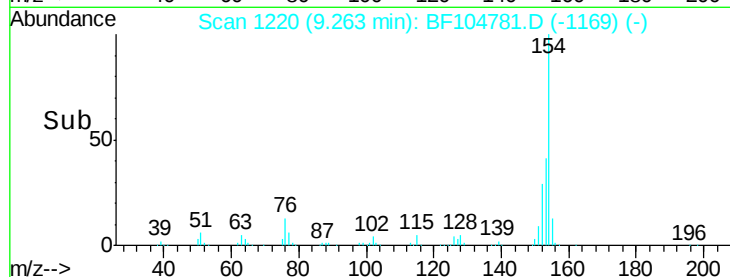
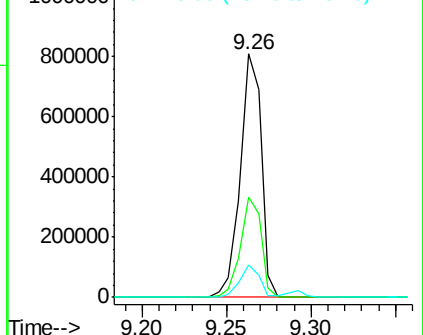
76 13.4 0.0 34.0



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: 38.975 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

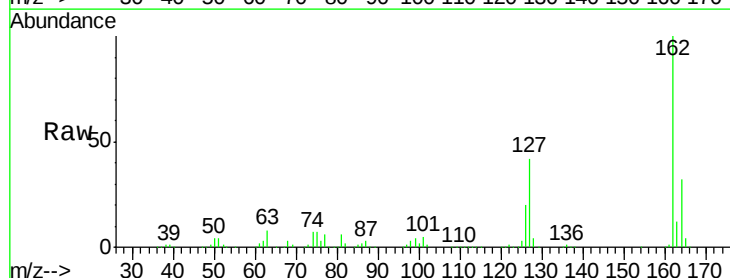
Tgt Ion:162 Resp: 554166

Ion Ratio Lower Upper

162 100

127 41.6 33.9 50.9

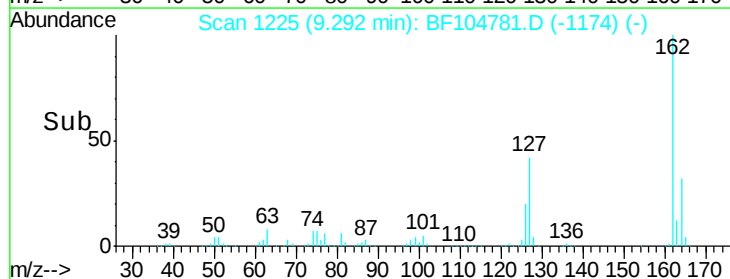
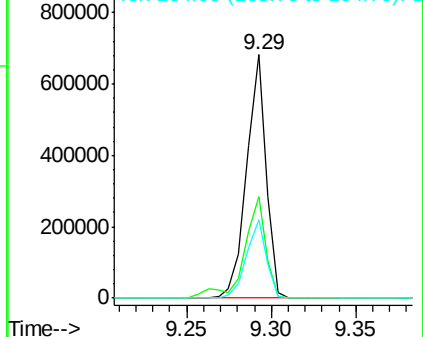
164 32.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

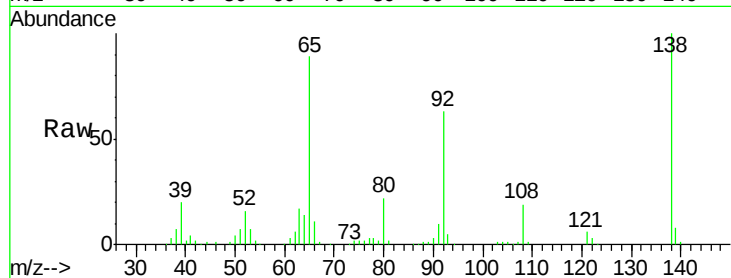




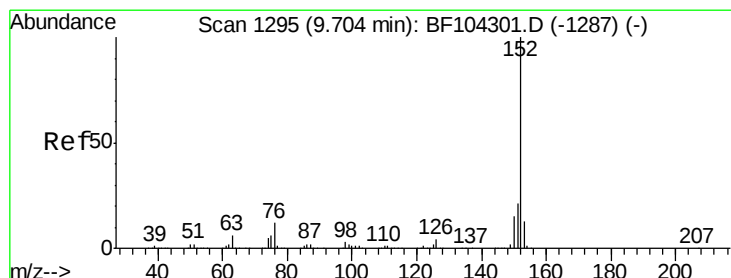
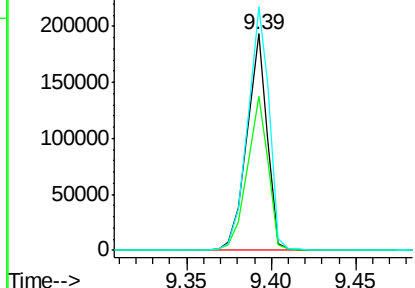
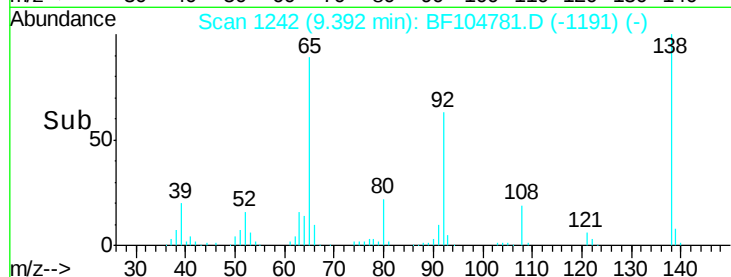
#47
 2-Nitroaniline
 Concen: 46.432 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	112.4	91.2	136.8

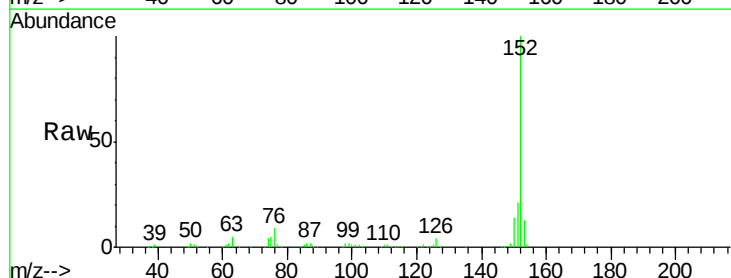


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

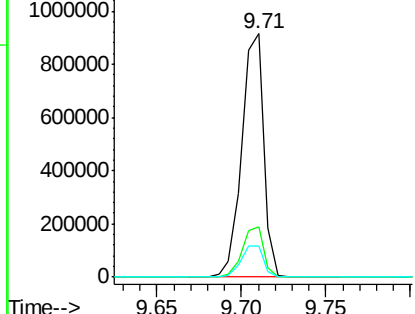
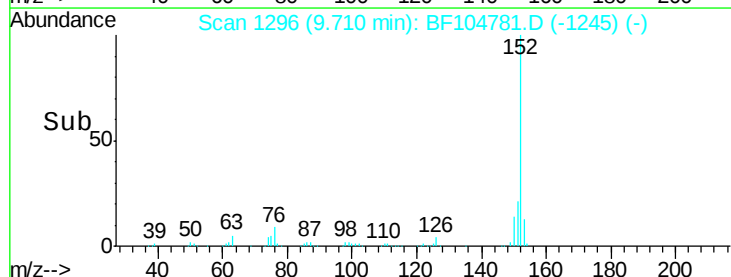


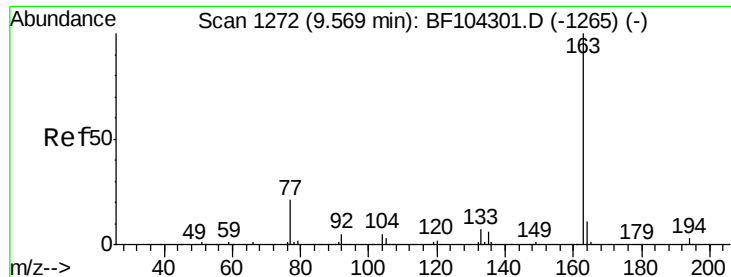
#48
 Acenaphthylene
 Concen: 37.224 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	12.9	10.7	16.1



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

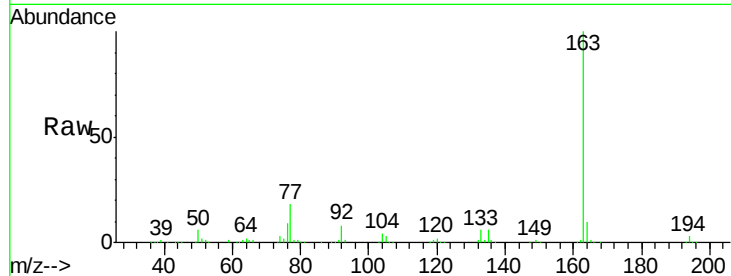




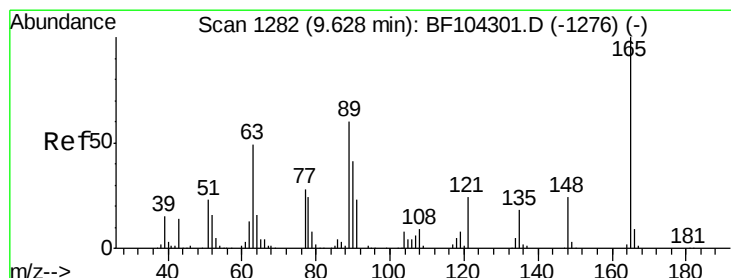
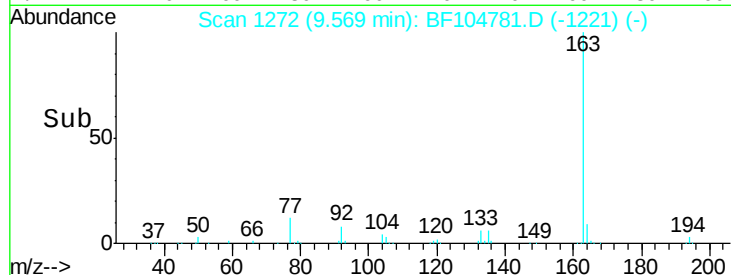
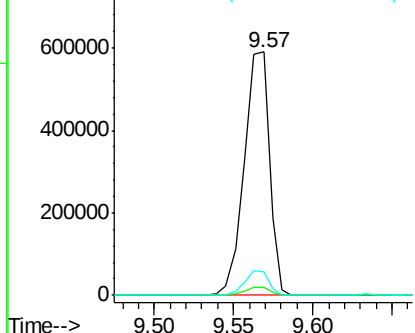
#49
Dimethylphthalate
Concen: 38.696 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 653855
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

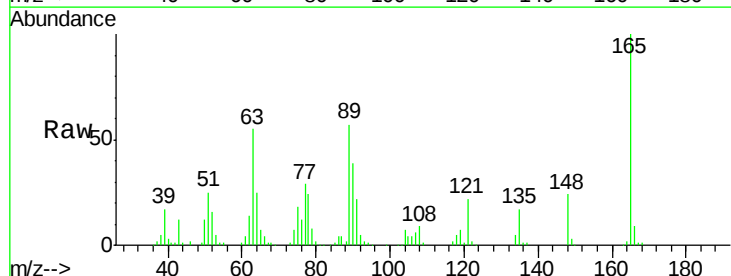


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

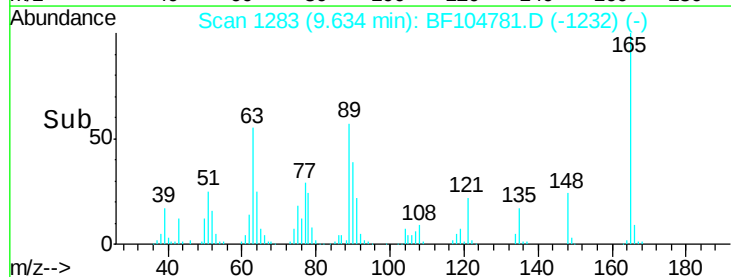
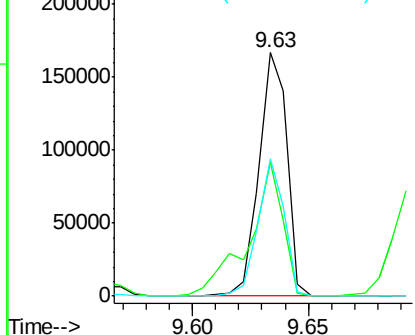


#50
2,6-Dinitrotoluene
Concen: 45.240 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:165 Resp: 141450
Ion Ratio Lower Upper
165 100
63 54.7 44.7 67.1
89 56.7 44.0 66.0



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





#51

Acenaphthene

Concen: 35.769 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

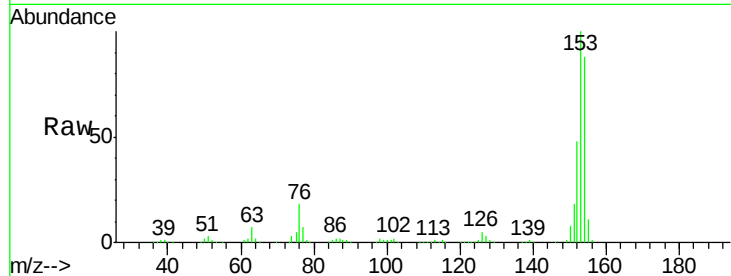
Tot Ion:154 Resp: 486852

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

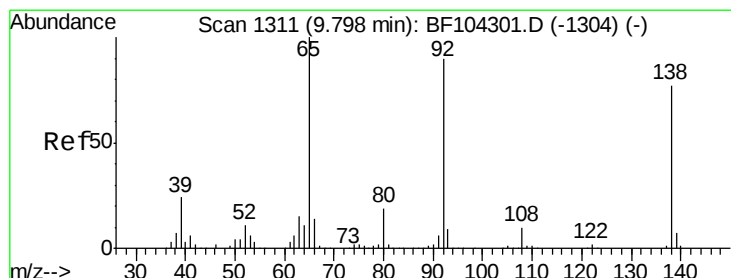
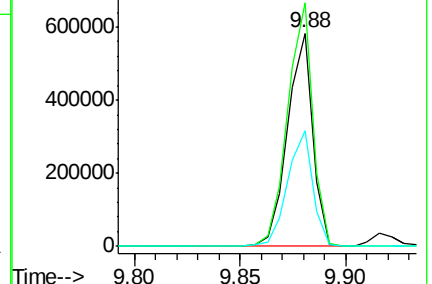
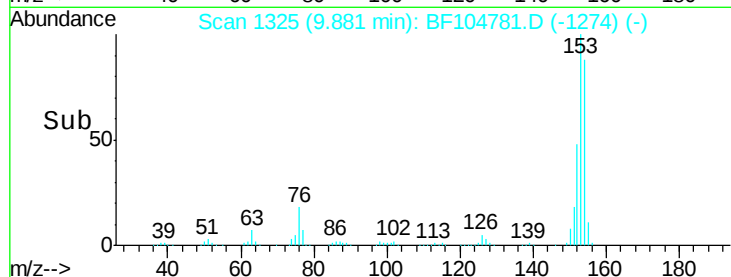
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.713 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

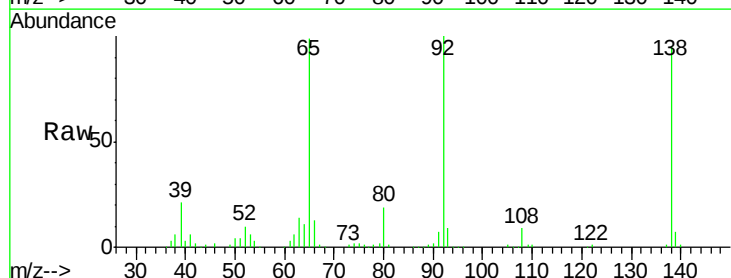
Tgt Ion:138 Resp: 163667

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

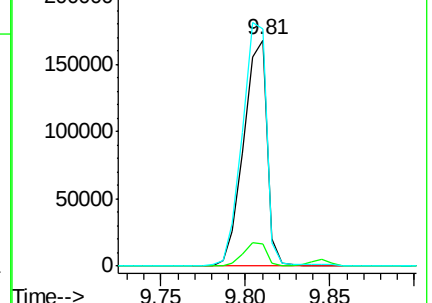
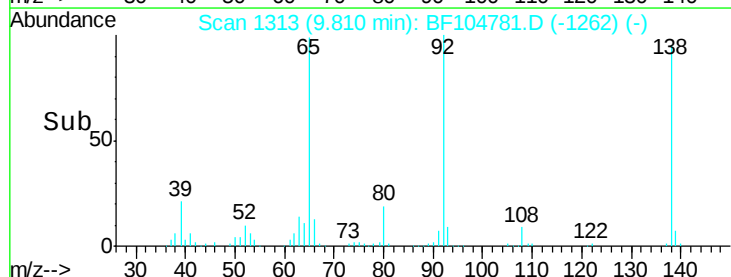
92 104.7 89.4 134.2

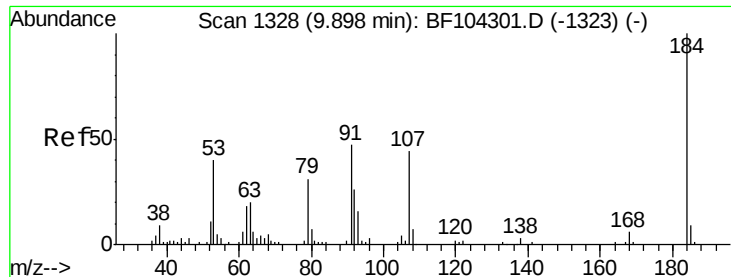


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

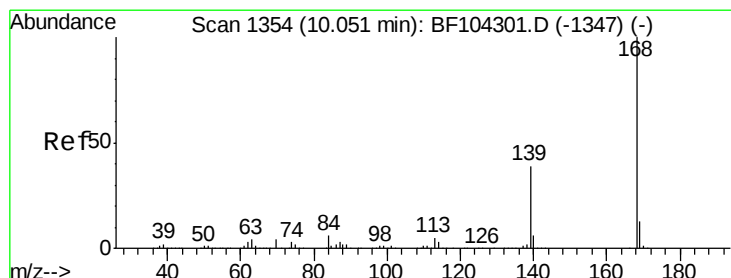
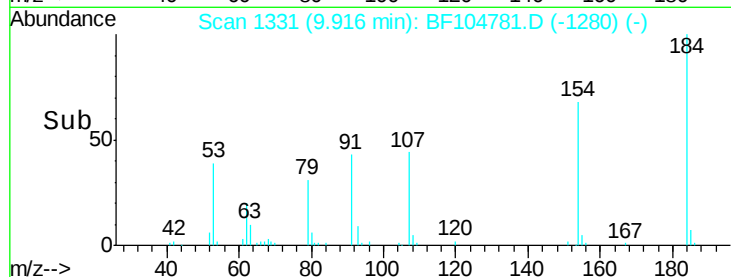
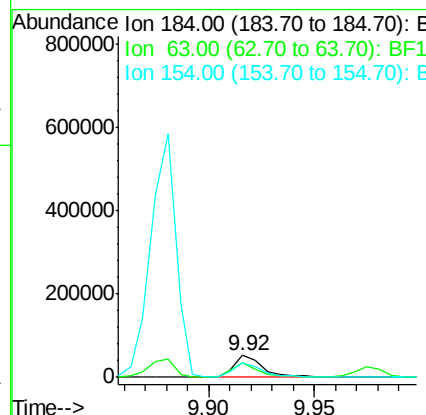
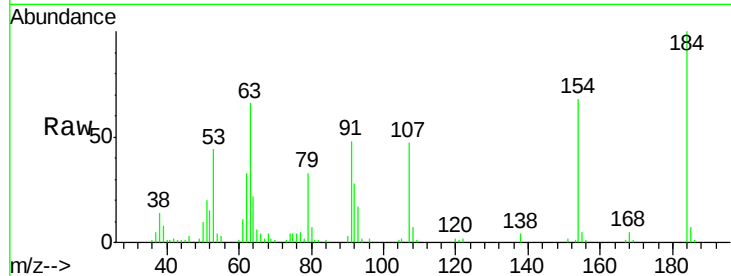




#53
 2,4-Dinitrophenol
 Concen: 48.874 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

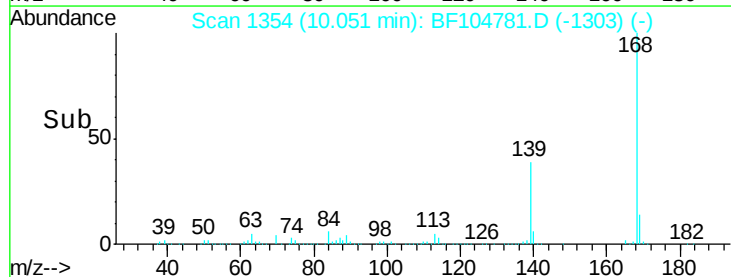
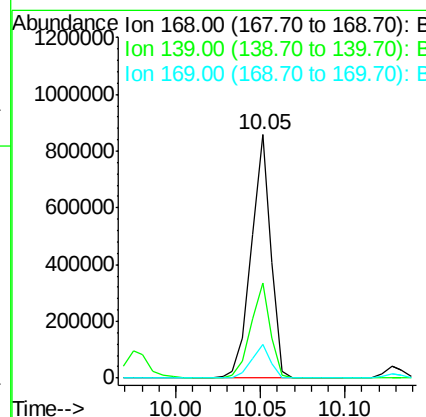
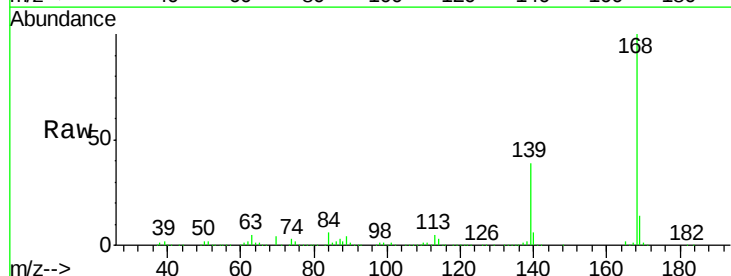
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 50719
 Ion Ratio Lower Upper
 184 100
 63 65.7 54.2 81.2
 154 68.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.586 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:168 Resp: 693981
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 33.723 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampled :

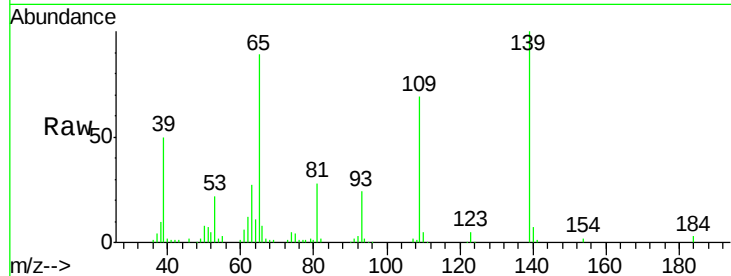
Tot Ion:139 Resp: 96966

Ion Ratio Lower Upper

139 100

109 68.9 48.4 88.4

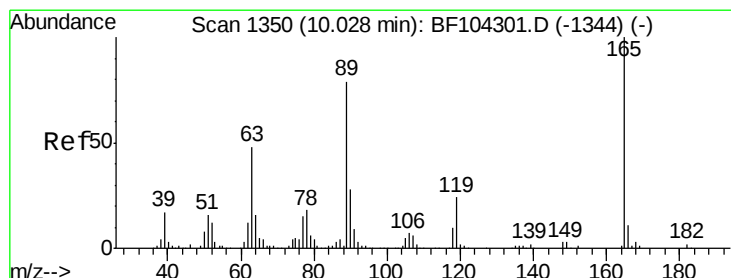
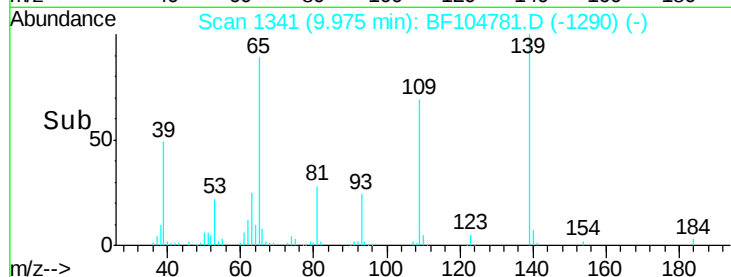
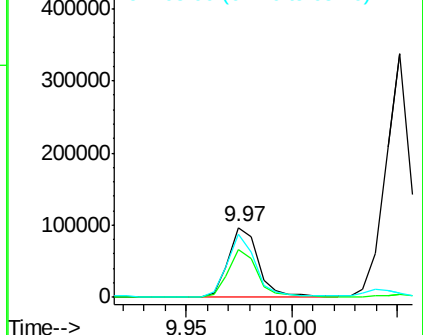
65 89.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.544 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Tgt Ion:165 Resp: 178588

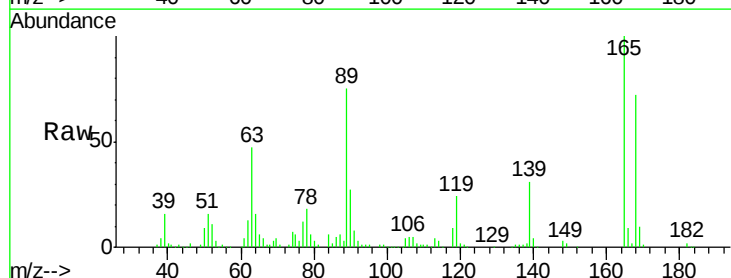
Ion Ratio Lower Upper

165 100

63 46.7 36.4 54.6

89 75.4 57.8 86.6

182 2.2 1.6 2.4

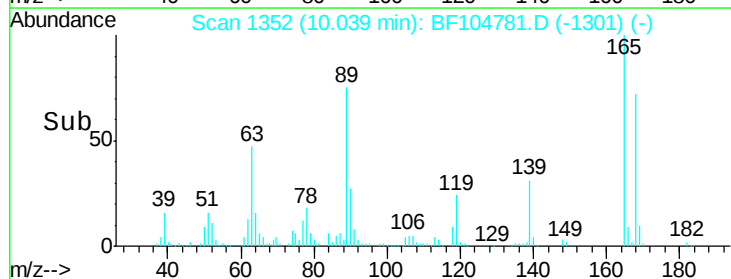
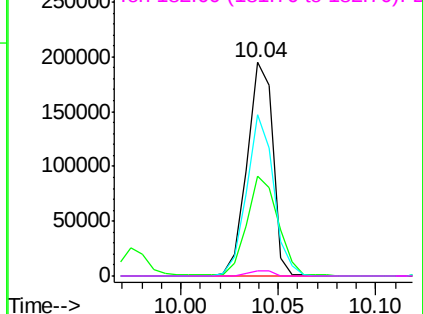


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

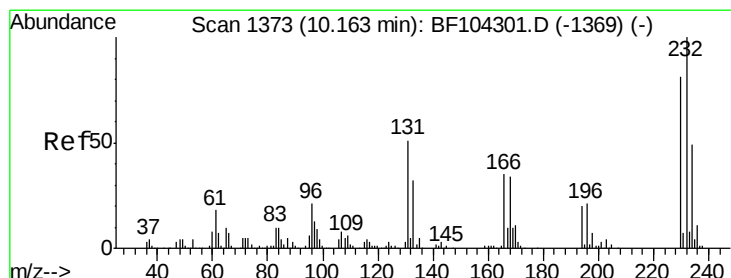
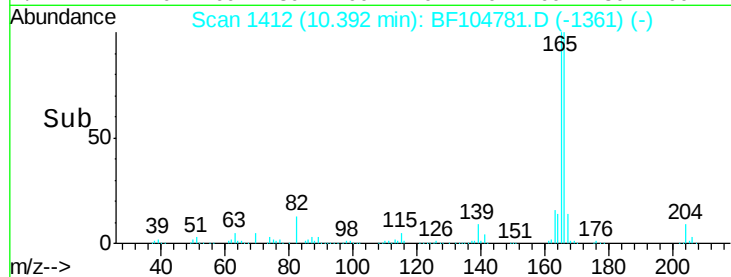
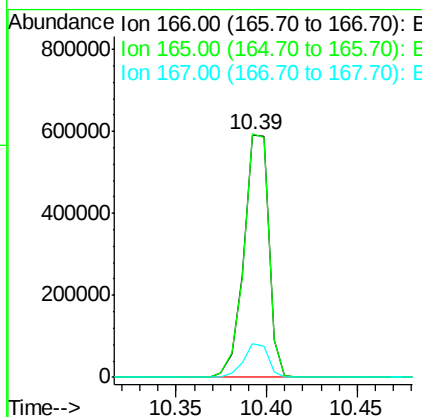
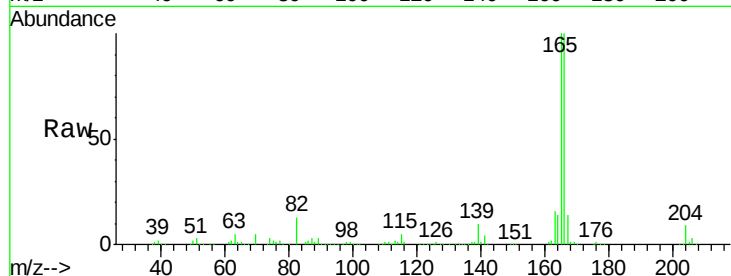




#57
 Fluorene
 Concen: 40.784 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

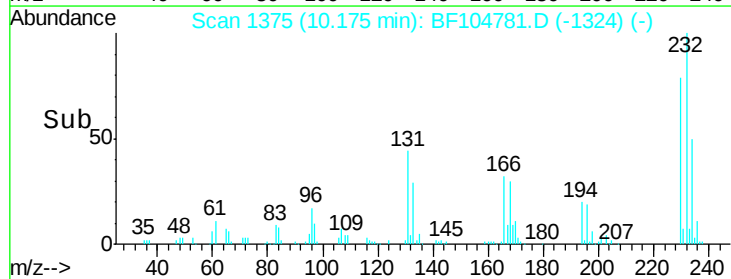
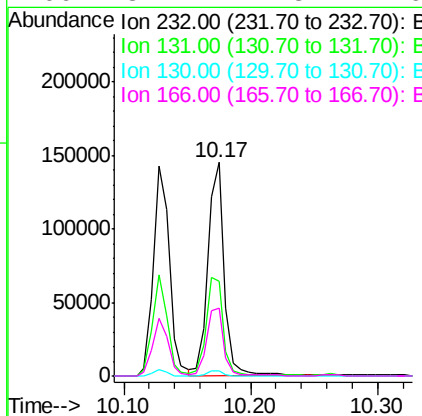
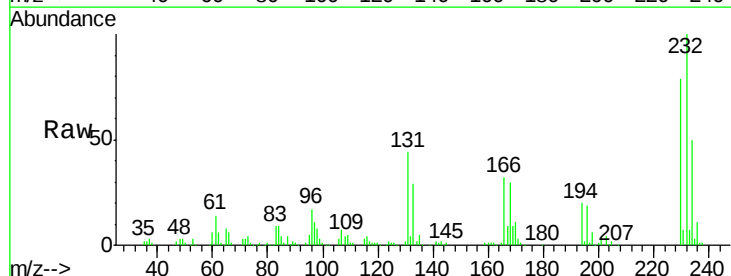
Instrument :
 BNA_F
 ClientSampleId :

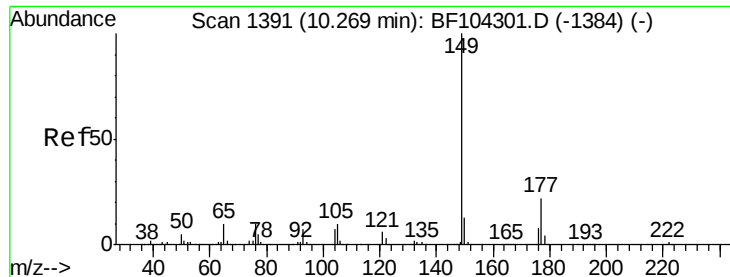
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	14.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.883 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	43.8	65.8
130	2.3	2.1	3.1
166	34.1	27.8	41.6

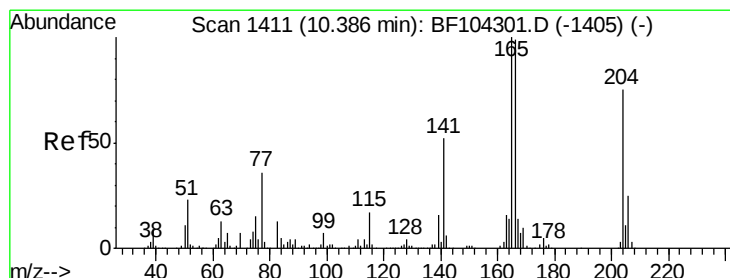
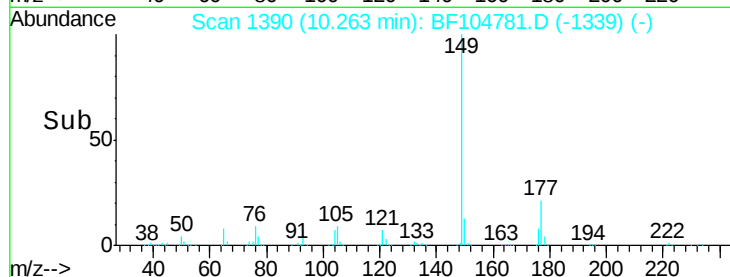
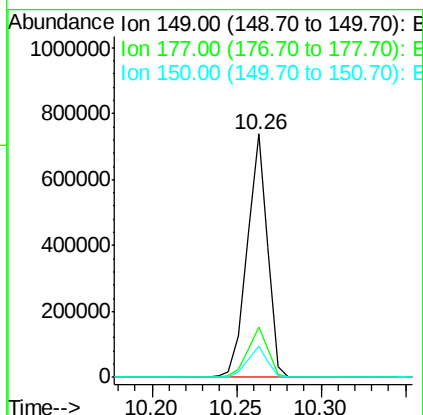
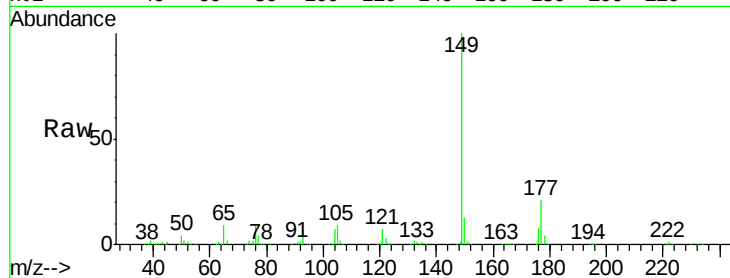




#59
Diethylphthalate
Concen: 36.828 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

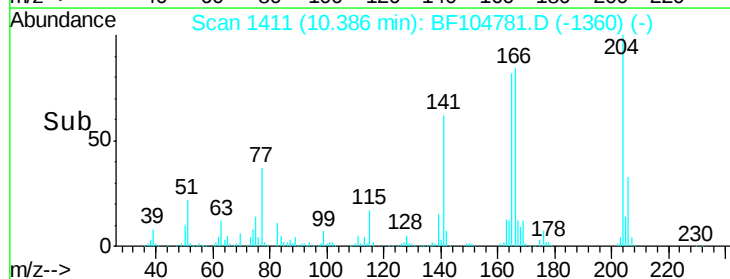
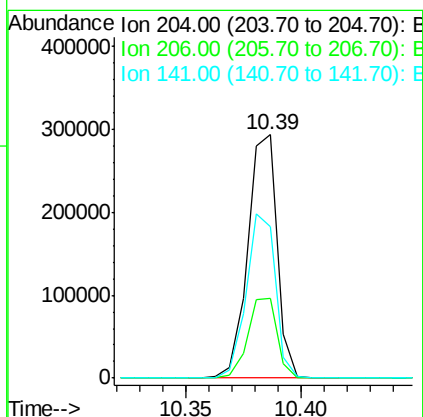
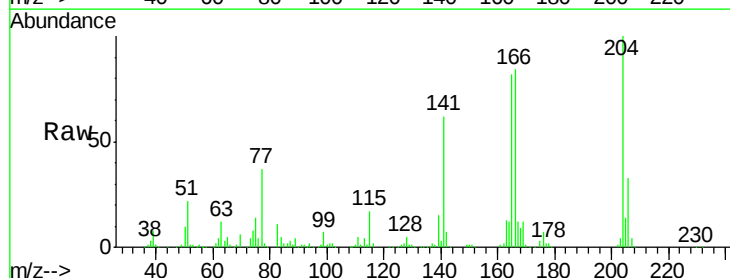
Instrument :
BNA_F
ClientSampled :

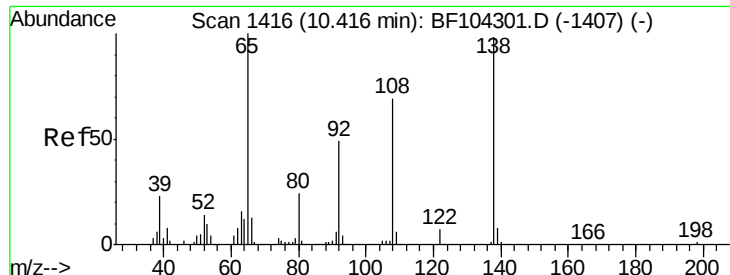
Tot Ion:149 Resp: 619775
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.526 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:204 Resp: 261480
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.2 54.6 81.8

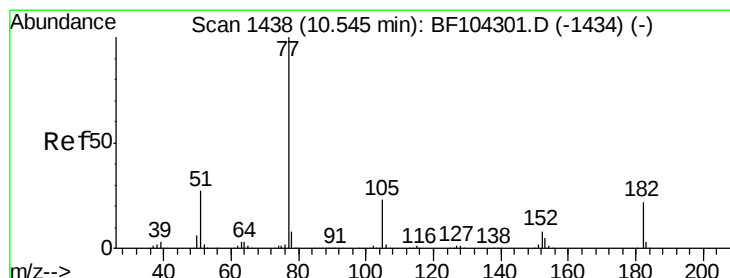
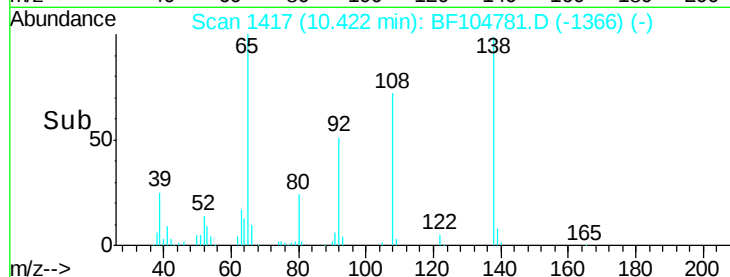
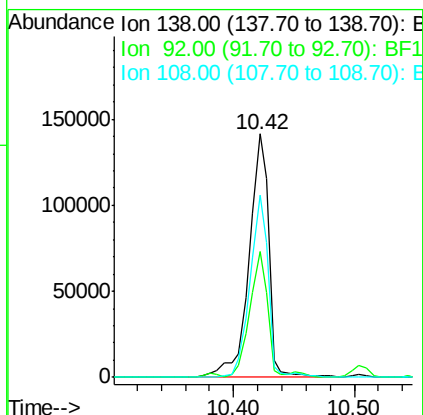
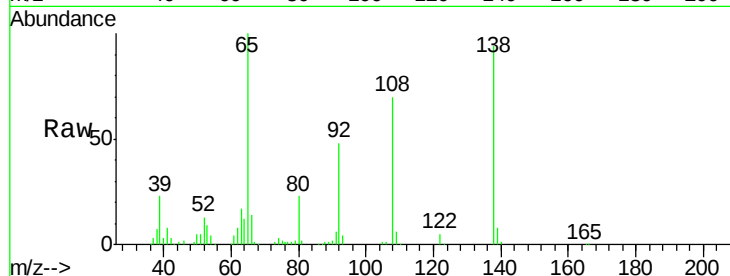




#61
4-Nitroaniline
Concen: 45.377 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

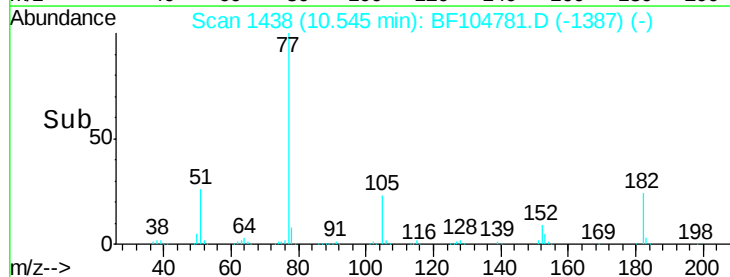
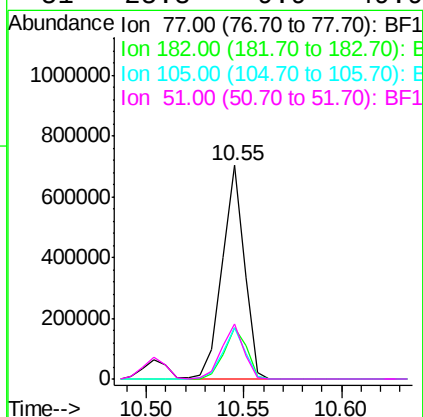
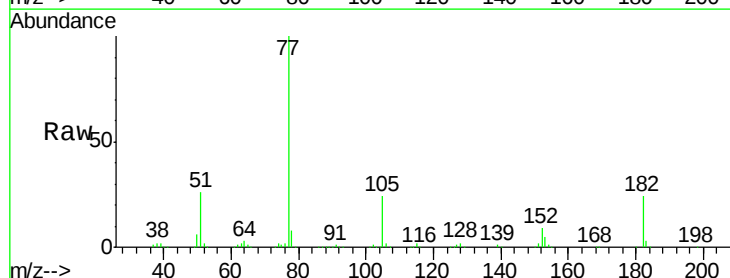
Instrument :
BNA_F
ClientSampled :

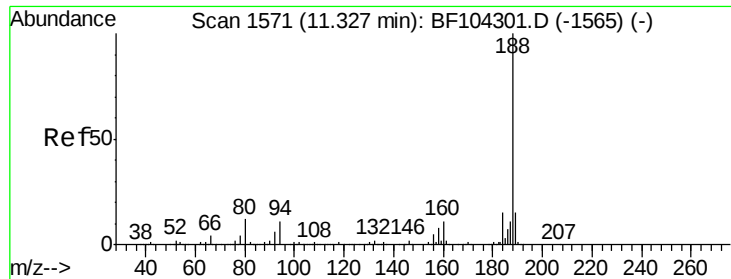
Tot Ion:138 Resp: 162407
Ion Ratio Lower Upper
138 100
92 51.5 30.2 70.2
108 74.7 52.5 92.5



#62
Azobenzene
Concen: 34.520 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion: 77 Resp: 555001
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 23.7 3.0 43.0
51 25.8 9.9 49.9

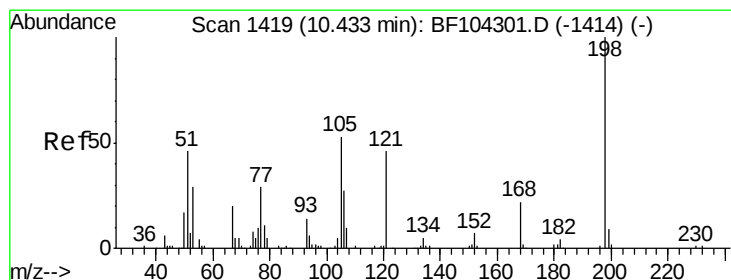
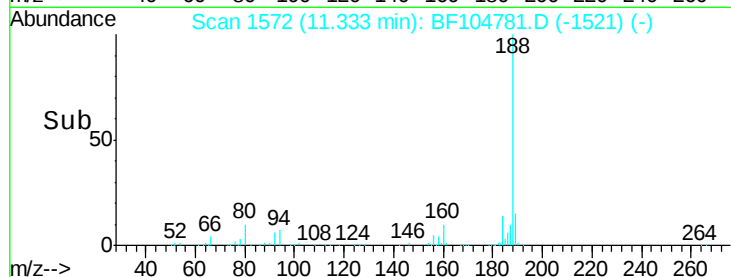
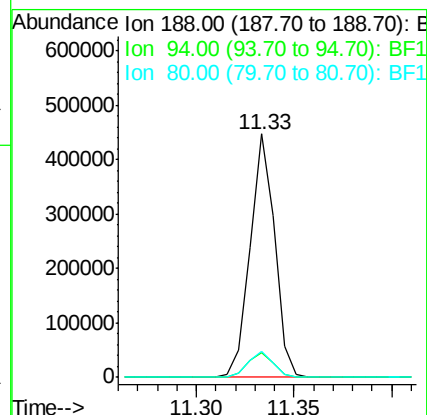
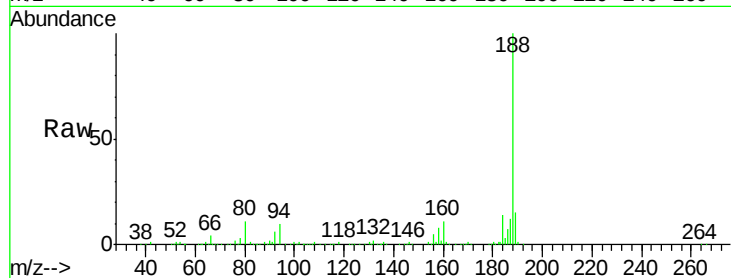




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

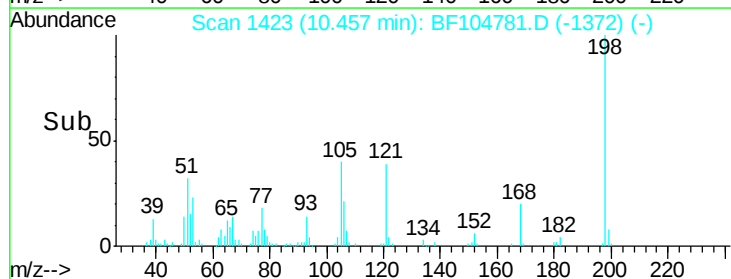
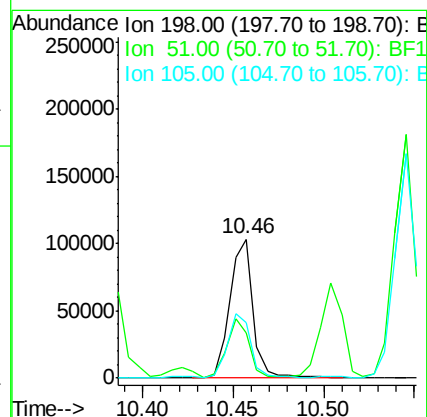
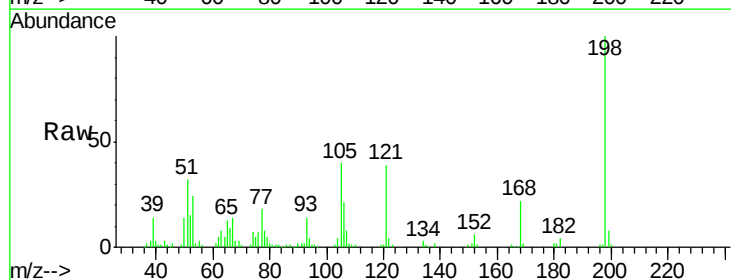
Instrument :
 BNA_F
 ClientSampleID :

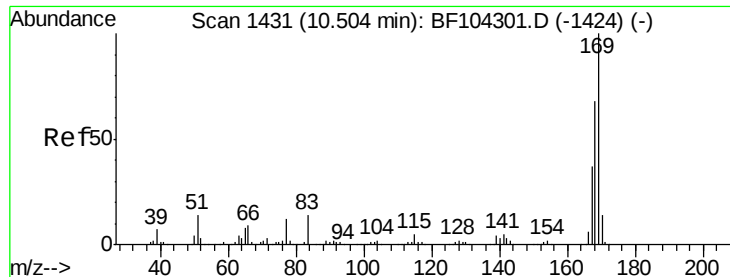
Tot Ion:188 Resp: 389142
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.788 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:198 Resp: 92734
 Ion Ratio Lower Upper
 198 100
 51 32.3 37.7 77.7#
 105 39.9 36.3 76.3

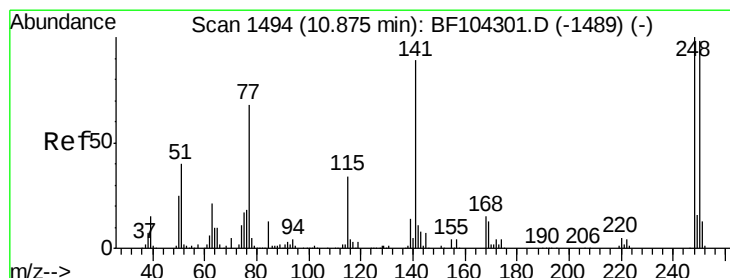
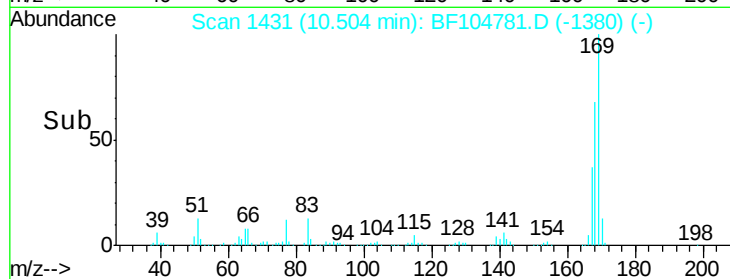
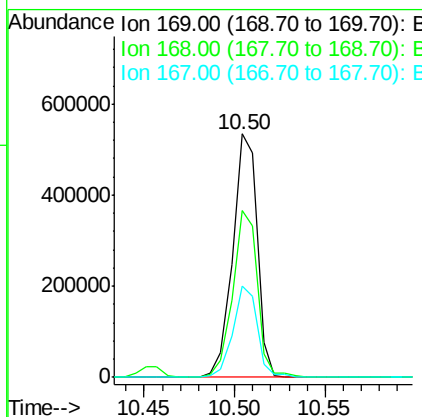
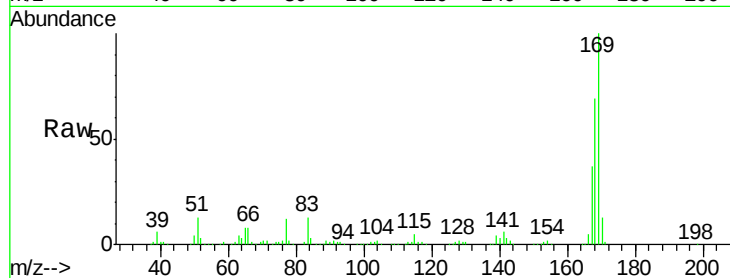




#65
 n-Nitrosodiphenylamine
 Concen: 37.314 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

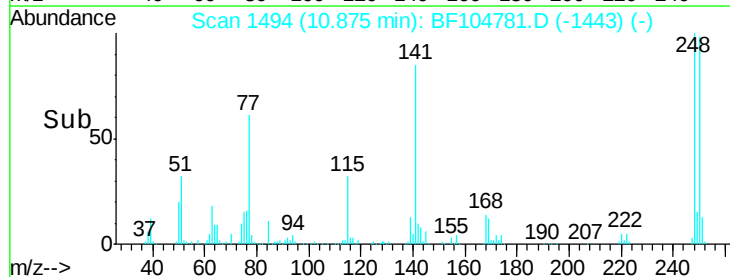
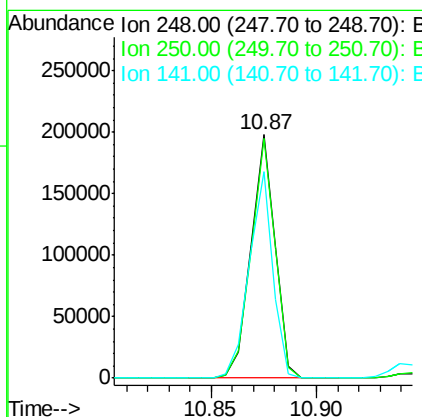
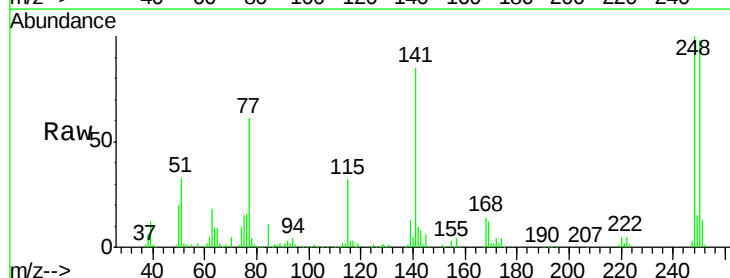
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.4	81.6
167	37.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.201 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	84.8	74.4	111.6

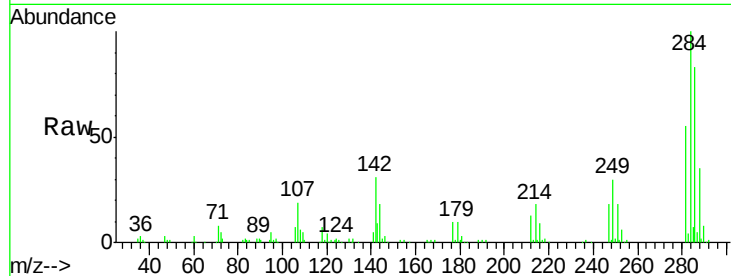




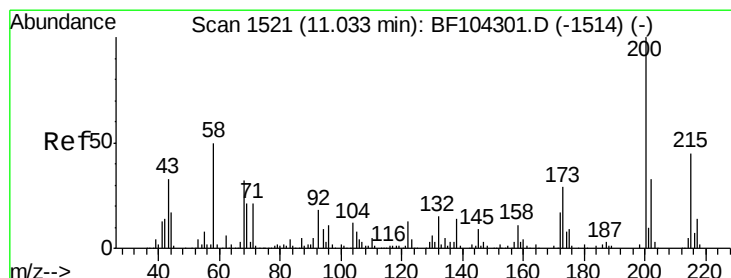
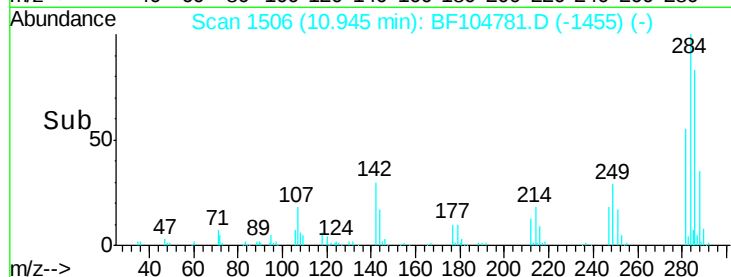
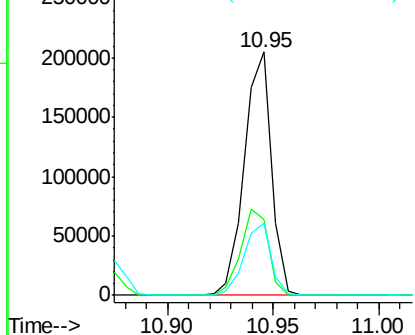
#67
Hexachlorobenzene
Concen: 39.156 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 182367
Ion Ratio Lower Upper
284 100
142 31.4 34.6 52.0#
249 29.7 24.8 37.2

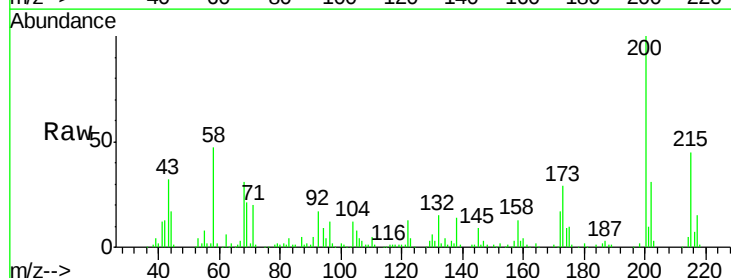


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

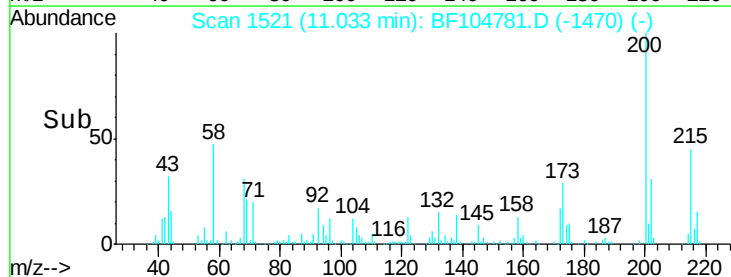
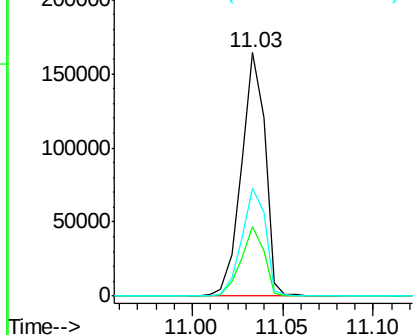


#68
Atrazine
Concen: 36.570 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:200 Resp: 148936
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 44.6 25.1 65.1



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

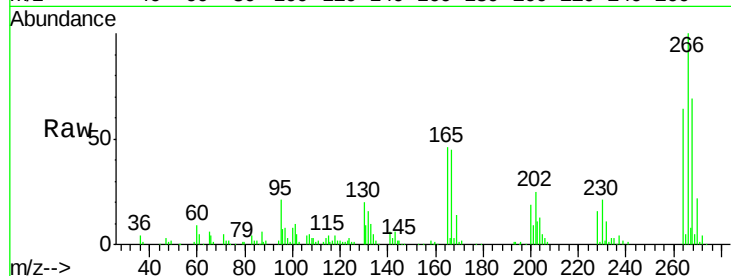




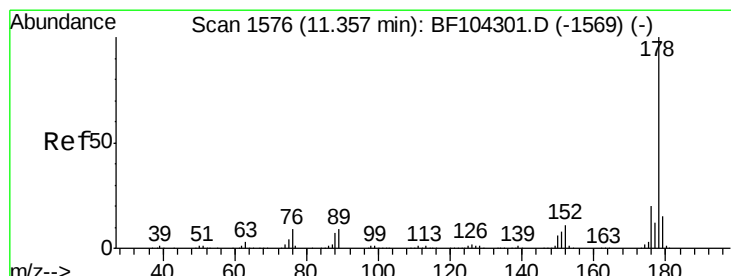
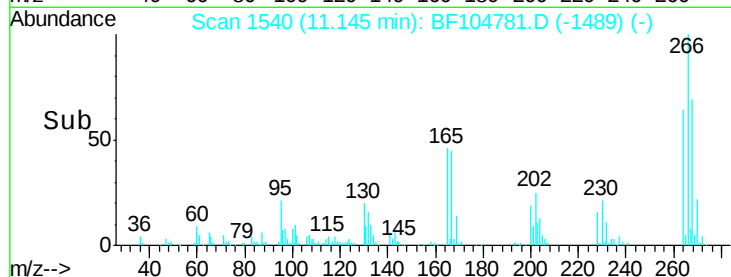
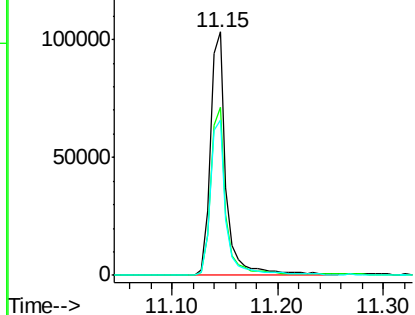
#69
 Pentachlorophenol
 Concen: 37.883 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 109154
 Ion Ratio Lower Upper
 266 100
 268 68.8 51.1 76.7
 264 63.8 49.5 74.3

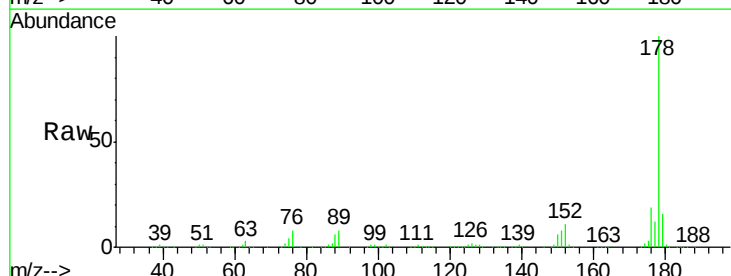


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

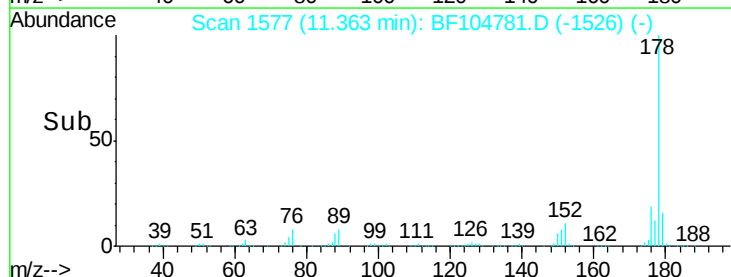
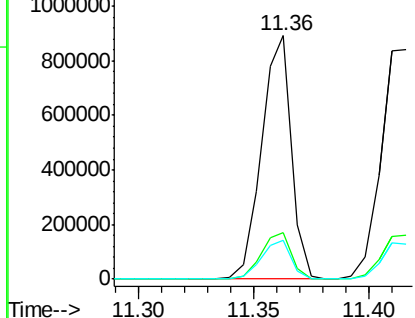


#70
 Phenanthrene
 Concen: 36.937 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:178 Resp: 800461
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 13.0 19.6



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

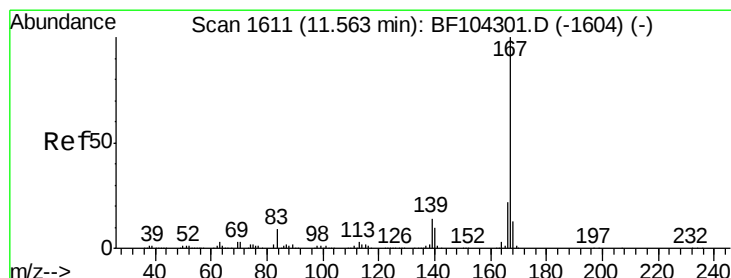
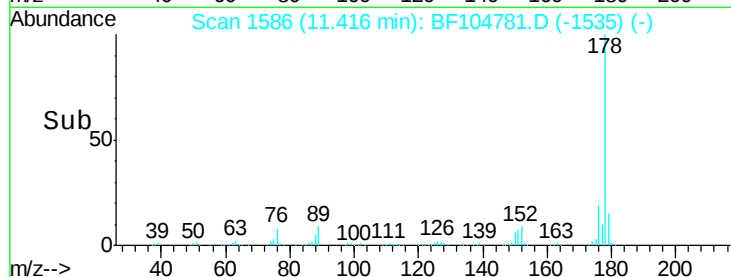
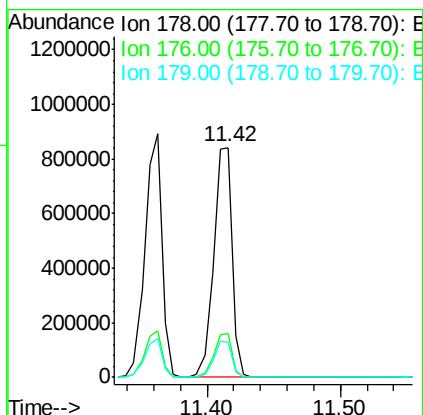
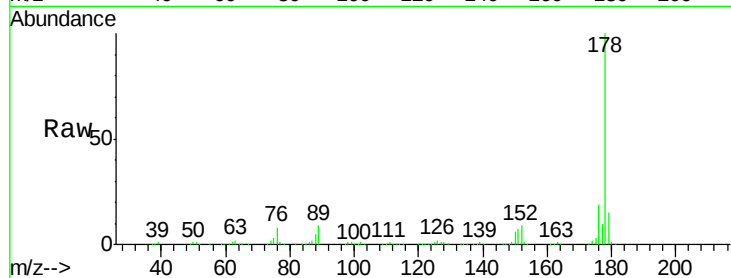




#71
 Anthracene
 Concen: 37.215 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

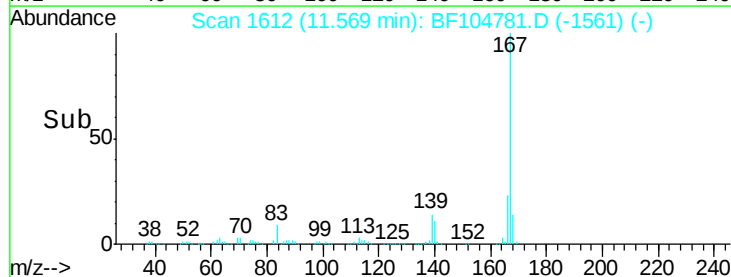
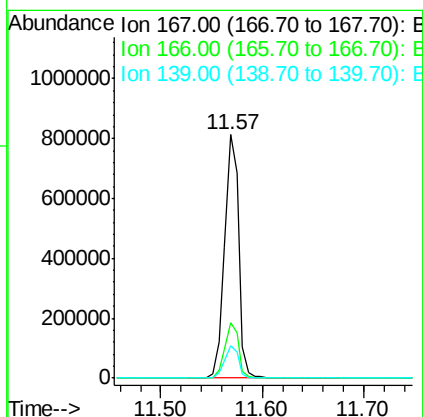
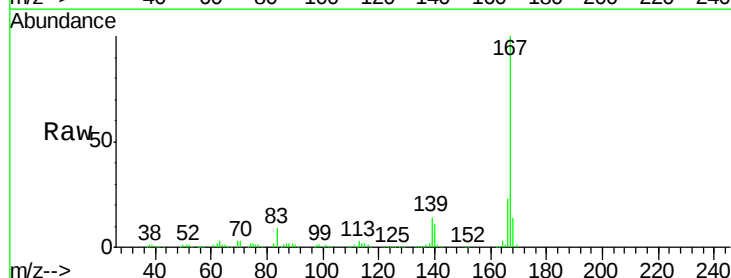
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 819805
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 36.377 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion:167 Resp: 783062
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.915 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

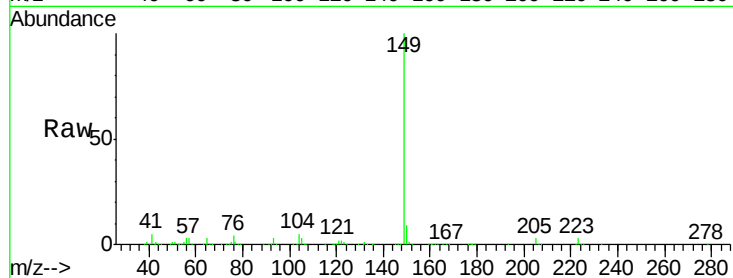
Tot Ion:149 Resp: 944388

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

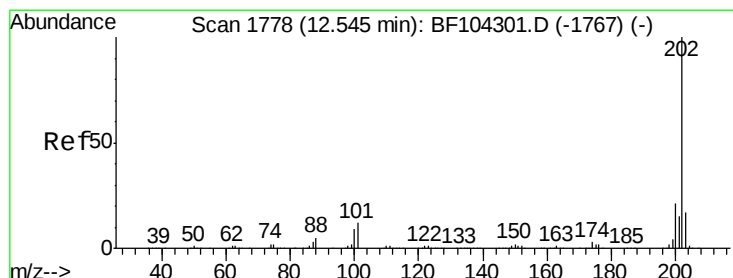
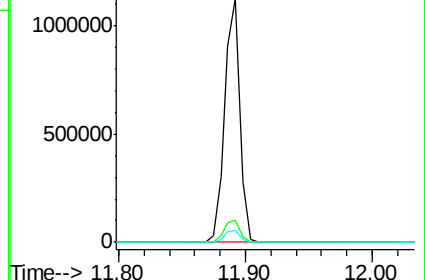
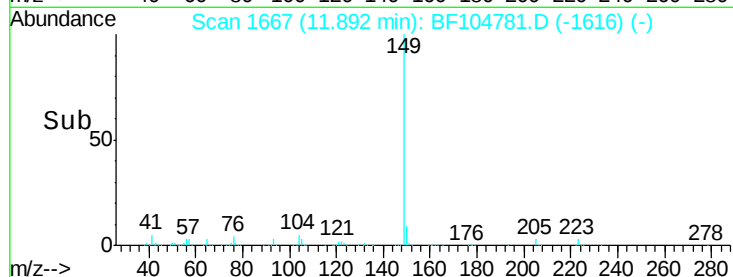
104 4.7 3.8 5.8



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: 36.527 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

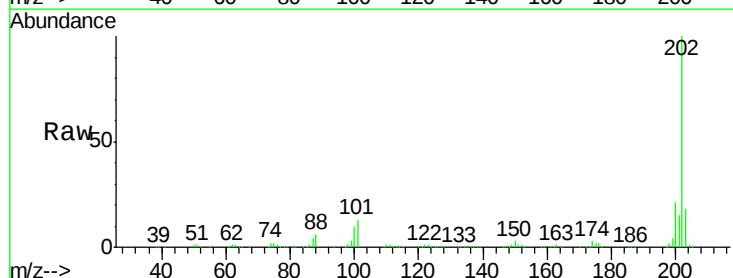
Tgt Ion:202 Resp: 827055

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

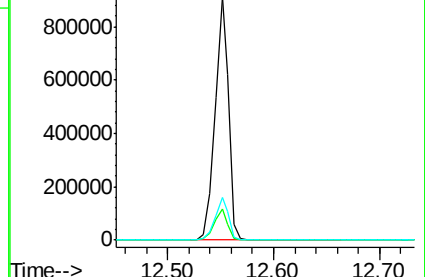
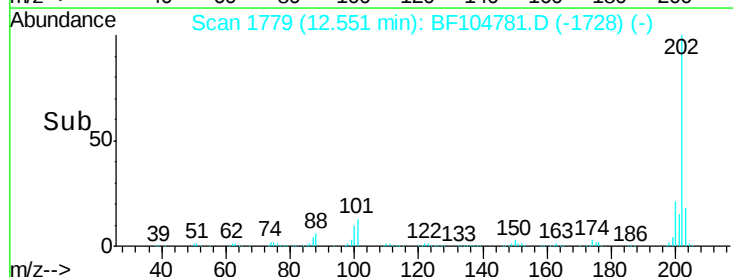
203 17.8 0.0 38.1

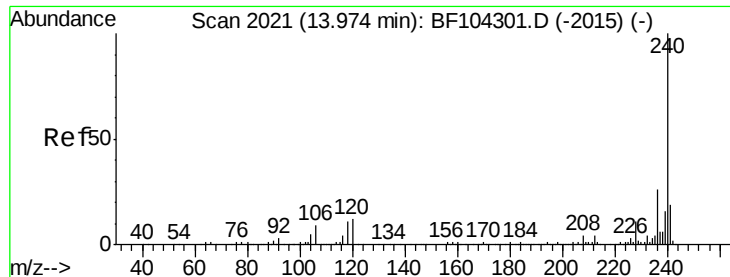


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

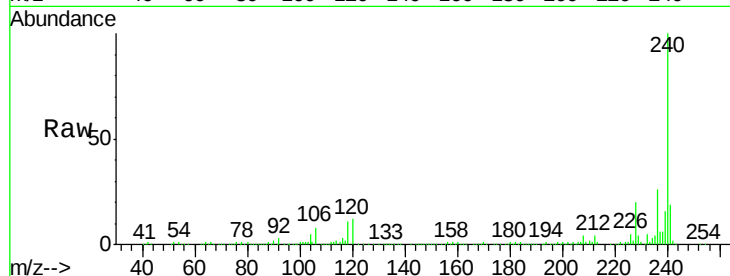
Tot Ion:240 Resp: 298070

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

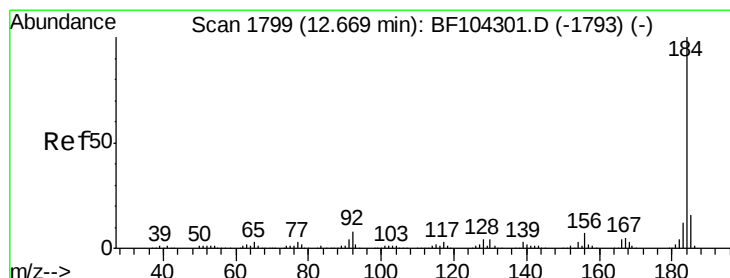
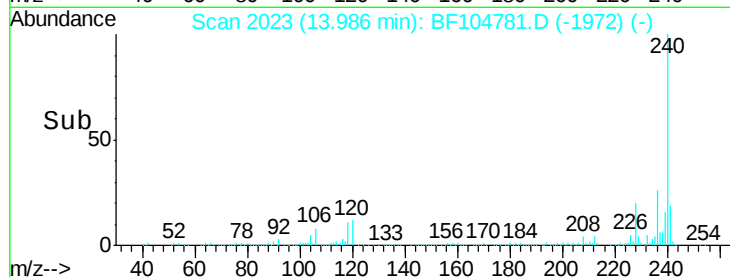
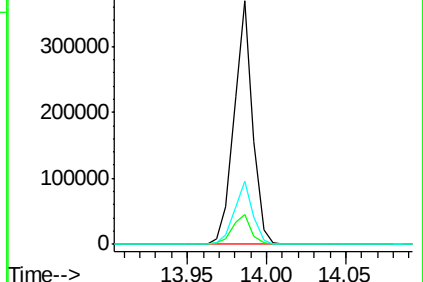
236 26.1 20.7 31.1



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: 35.554 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

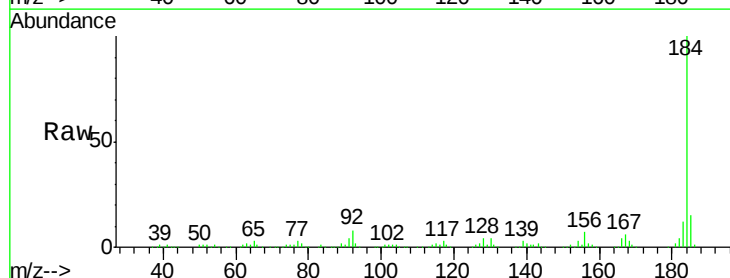
Tgt Ion:184 Resp: 371014

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

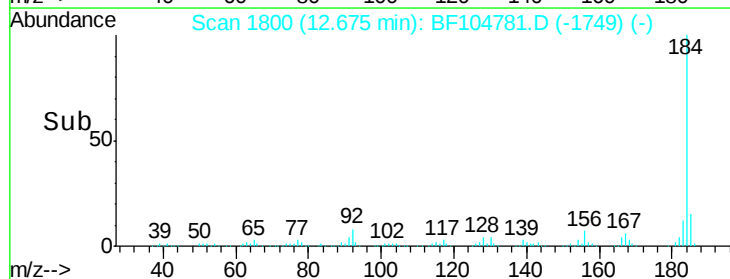
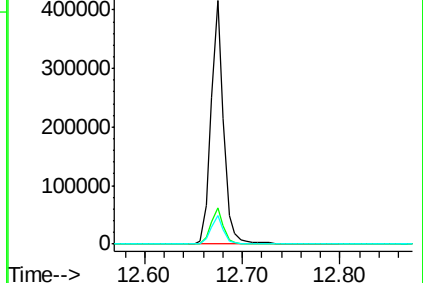
183 11.9 9.3 13.9

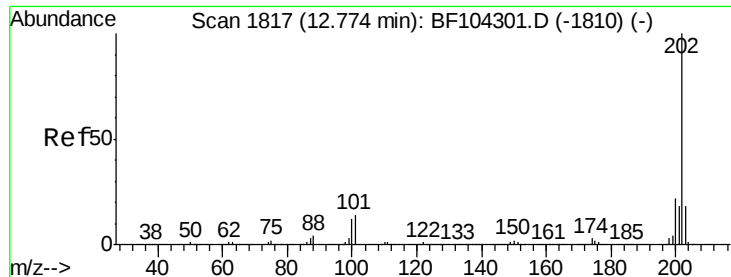


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

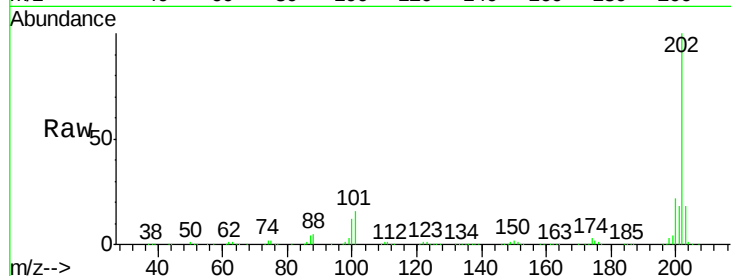




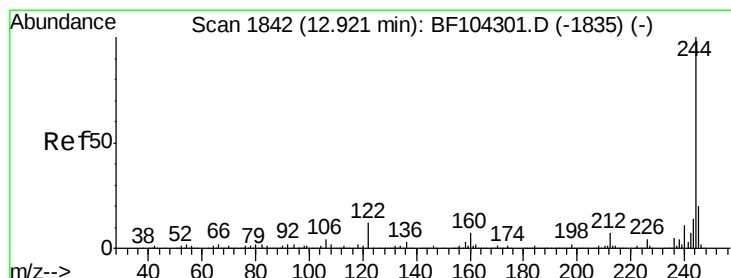
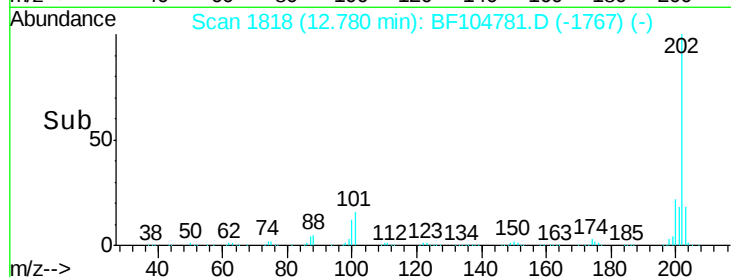
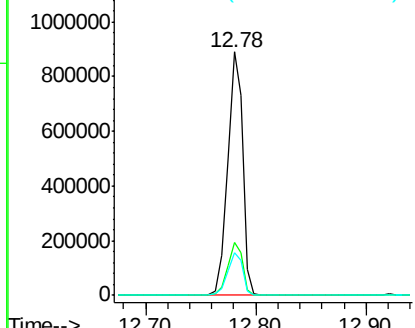
#77
Pvrene
Concen: 38.389 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 848173
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5

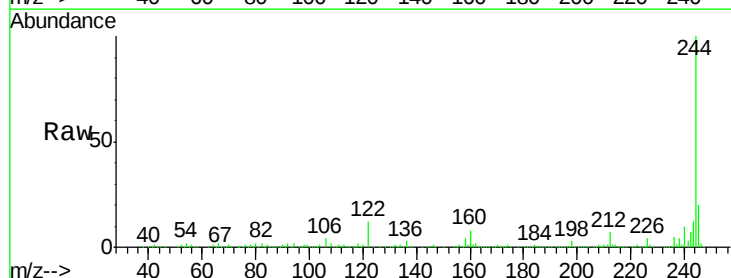


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

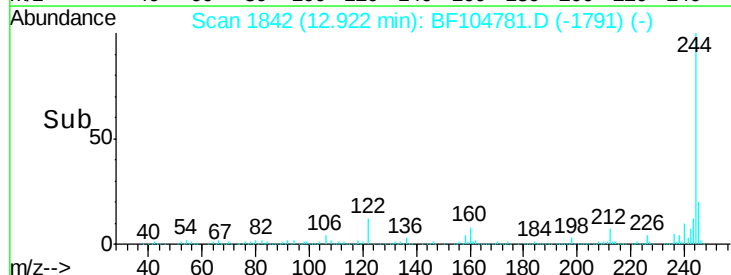
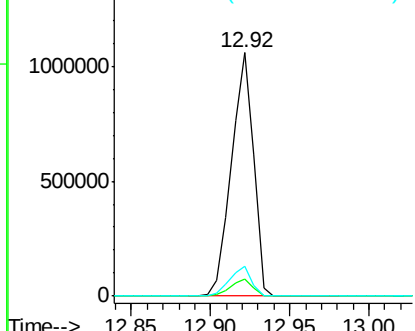


#78
Terphenyl-d14
Concen: 78.239 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:244 Resp: 1022917
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.2 11.0 16.4



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

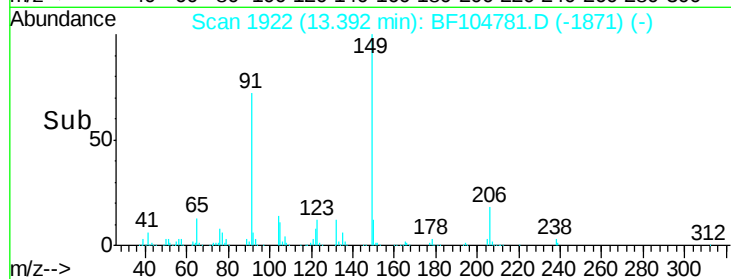
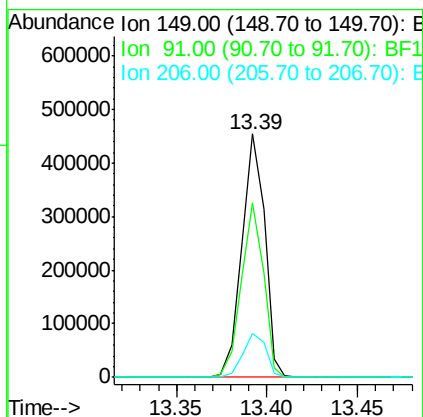
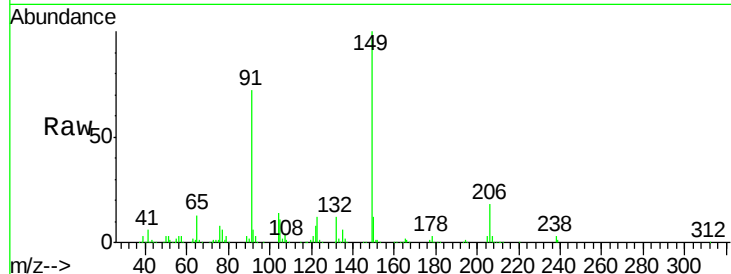




#79
Butylbenzylphthalate
Concen: 38.154 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

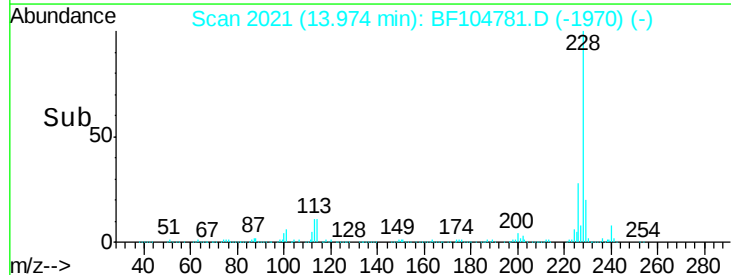
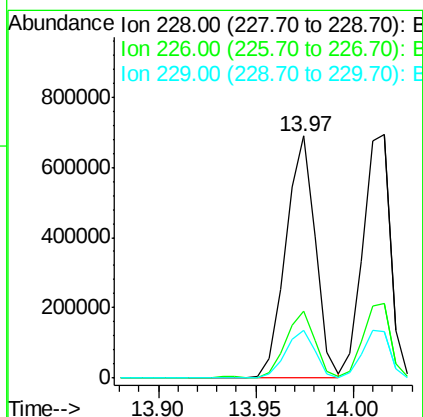
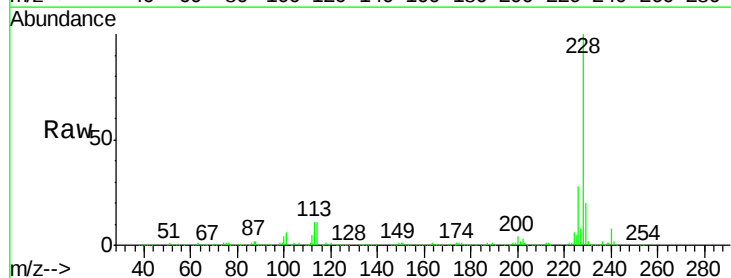
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.297 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6

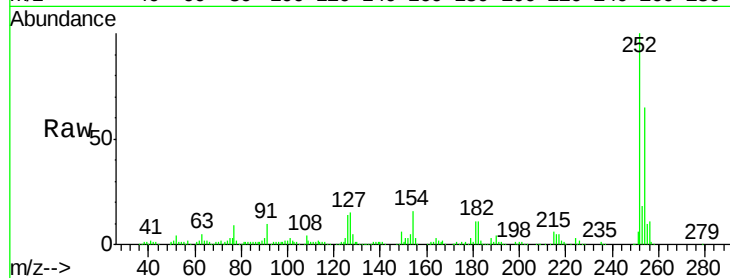




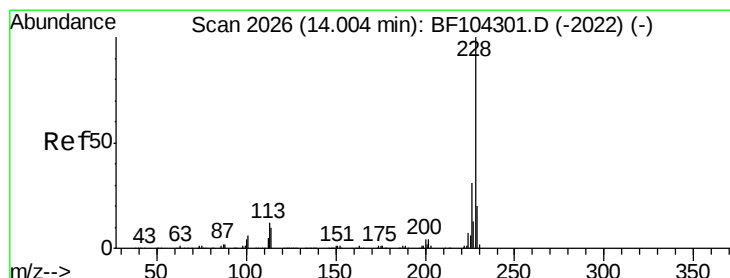
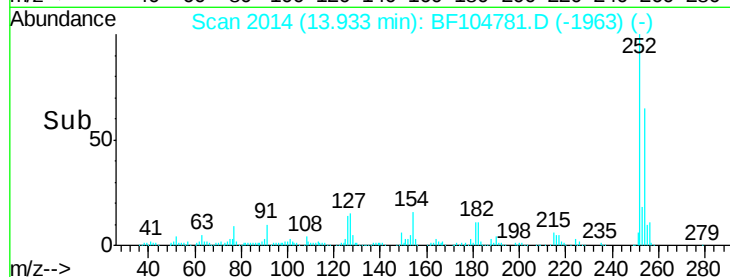
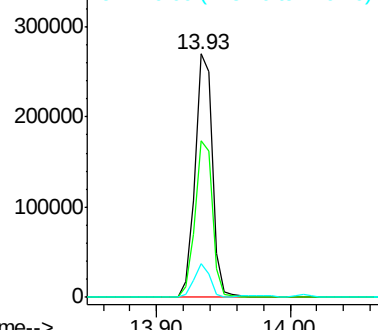
#81
 3,3'-Dichlorobenzidine
 Concen: 37.706 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.0	11.3	16.9

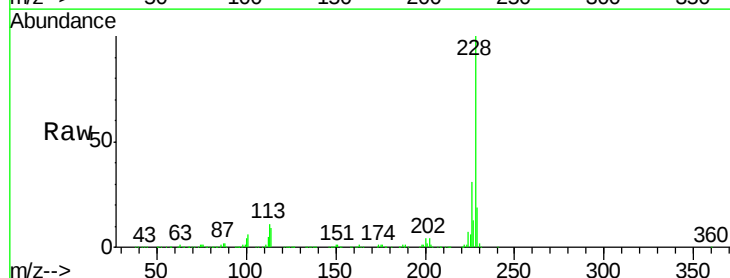


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

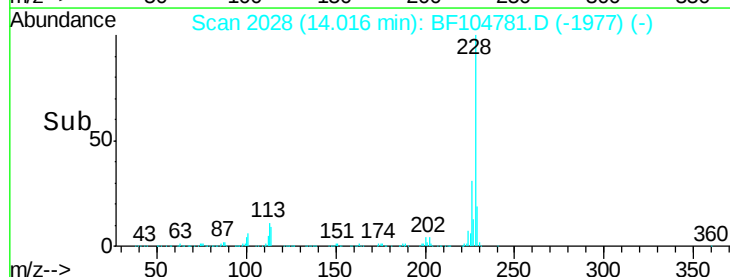
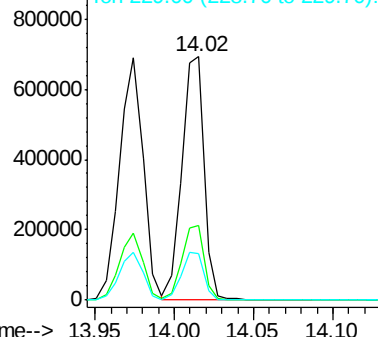


#82
 Chrysene
 Concen: 37.254 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF104781.D
 Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.3	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.474 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

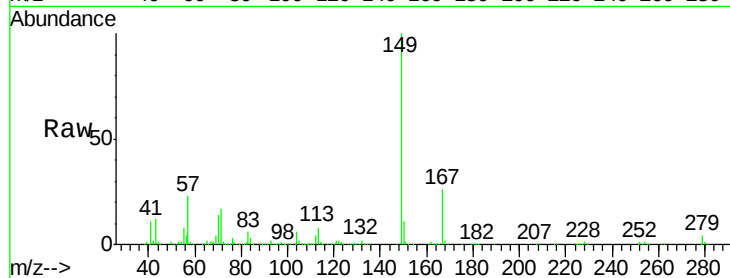
Tot Ion:149 Resp: 528485

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

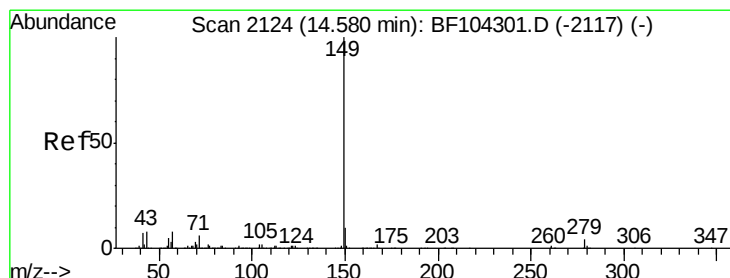
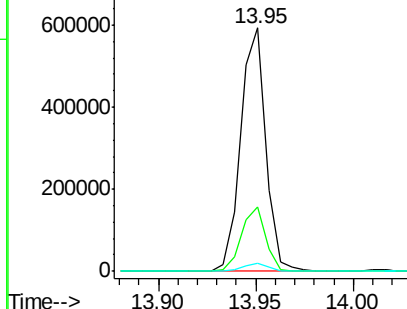
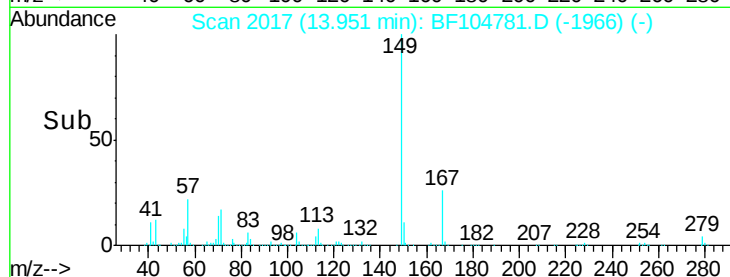
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.337 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

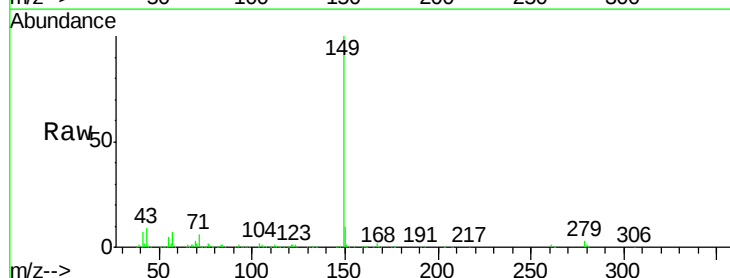
Tgt Ion:149 Resp: 790519

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

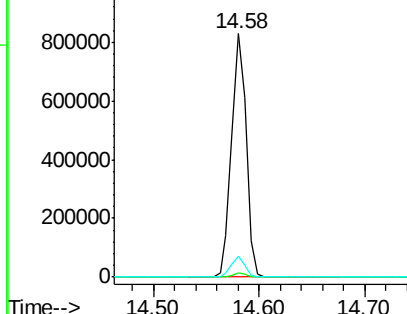
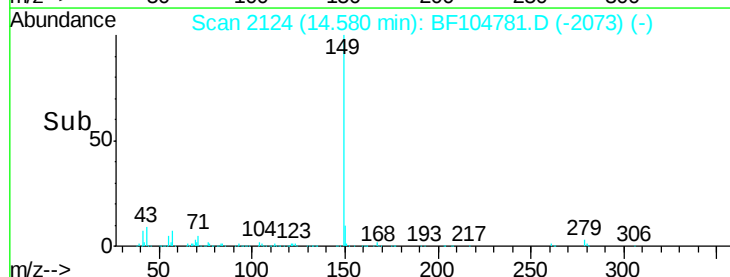
43 8.3 8.4 12.6#

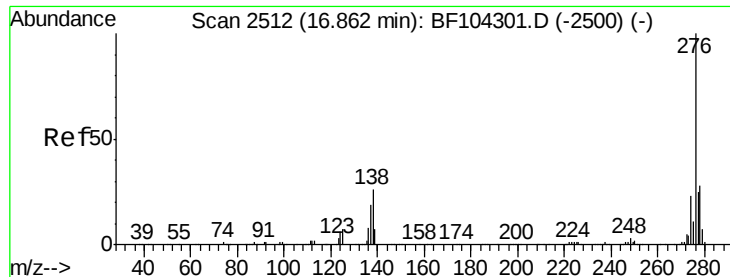


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

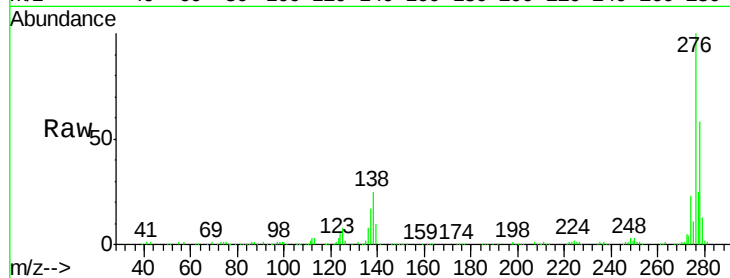




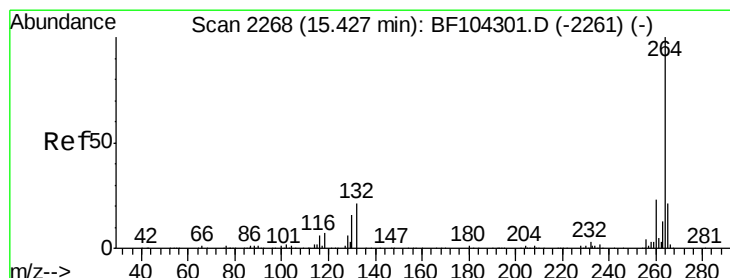
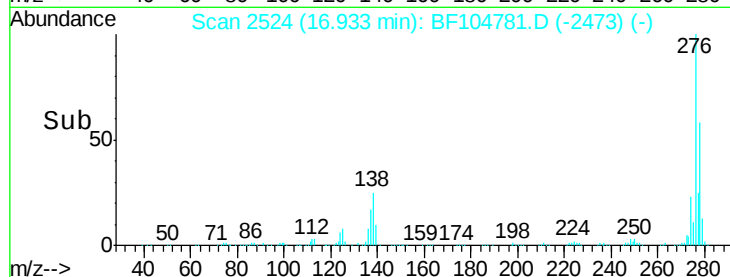
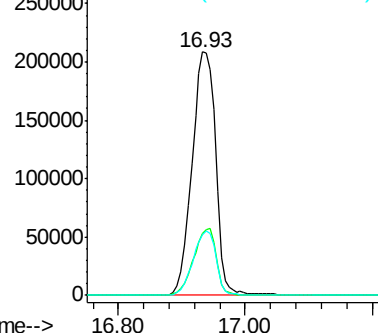
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.150 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.6	20.1	30.1

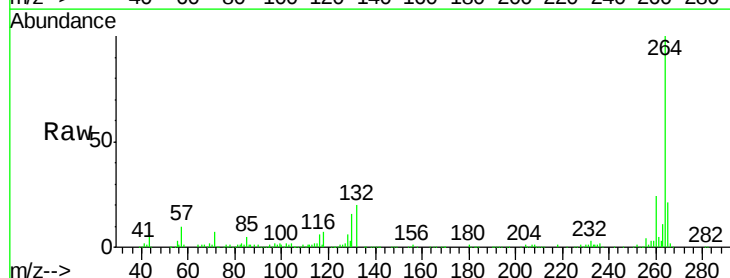


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

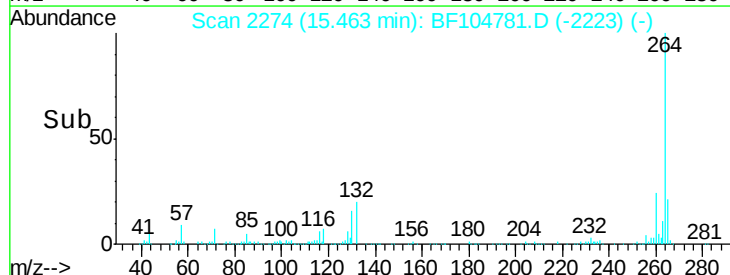
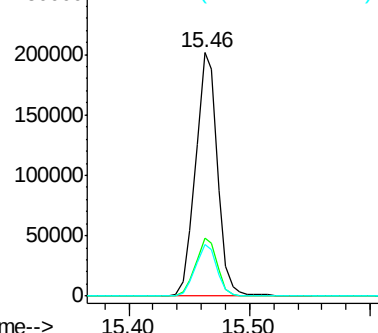


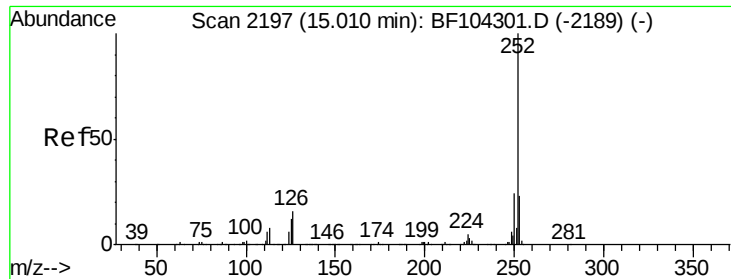
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	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

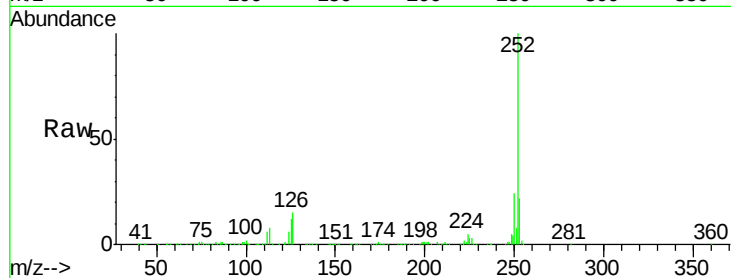




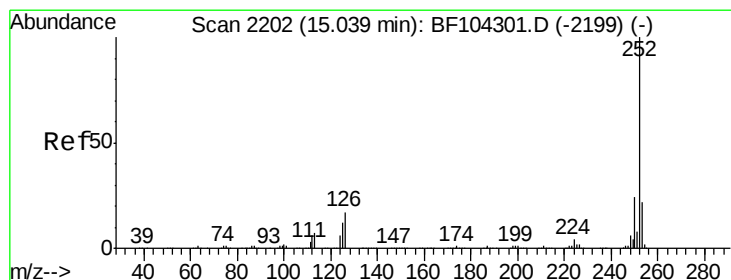
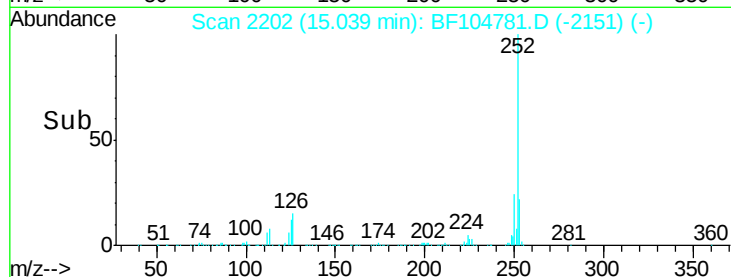
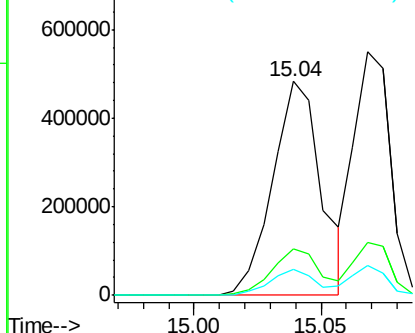
#87
Benzo(b)fluoranthene
Concen: 40.476 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 642544
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.9 9.0 13.6

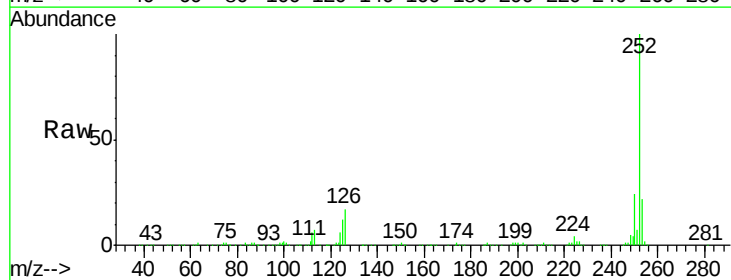


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

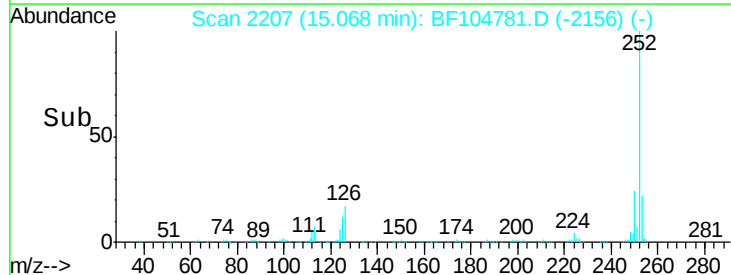
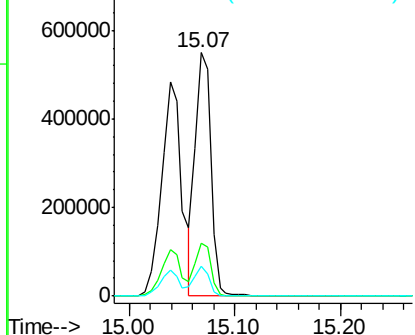


#88
Benzo(k)fluoranthene
Concen: 37.250 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF104781.D
Acq: 25 Apr 2018 11:44

Tgt Ion:252 Resp: 558265
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.202 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampled :

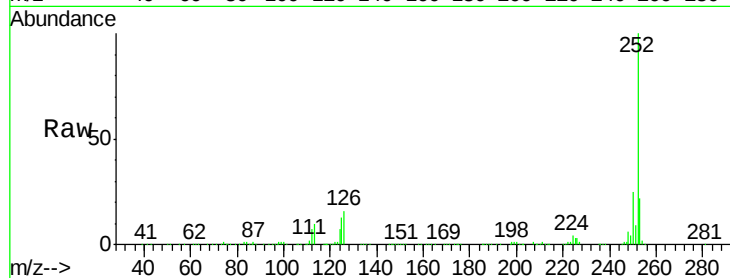
Tot Ion:252 Resp: 542615

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

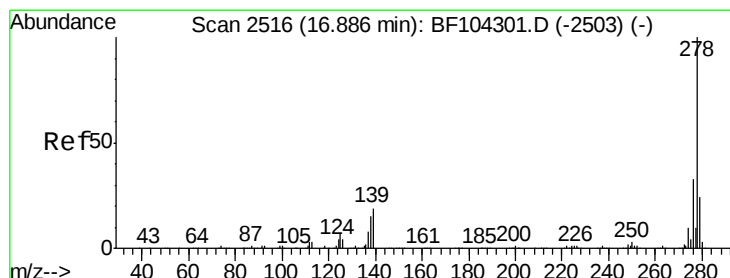
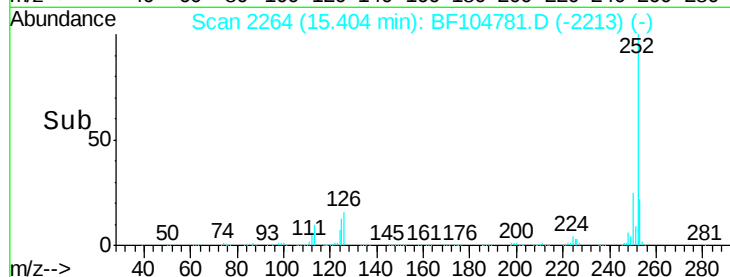
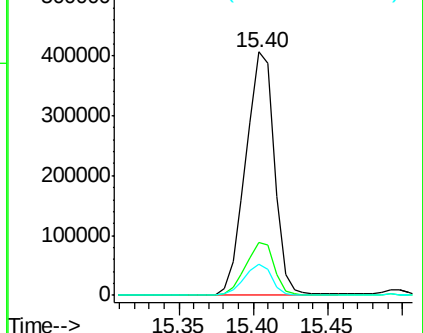
125 12.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.692 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

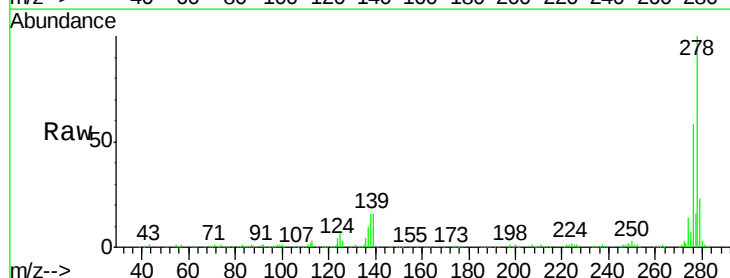
Tgt Ion:278 Resp: 451362

Ion Ratio Lower Upper

278 100

139 15.7 15.9 23.9#

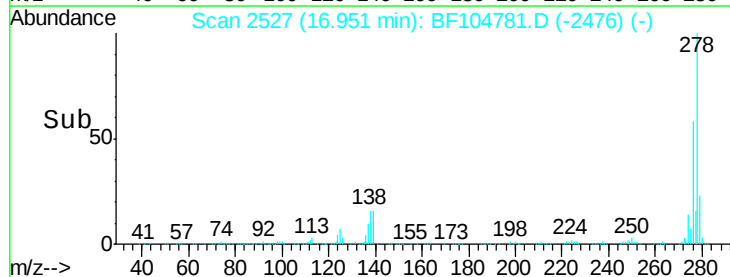
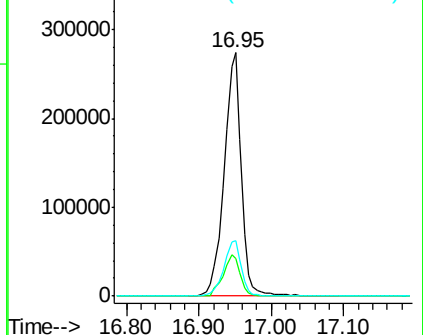
279 23.0 19.0 28.4

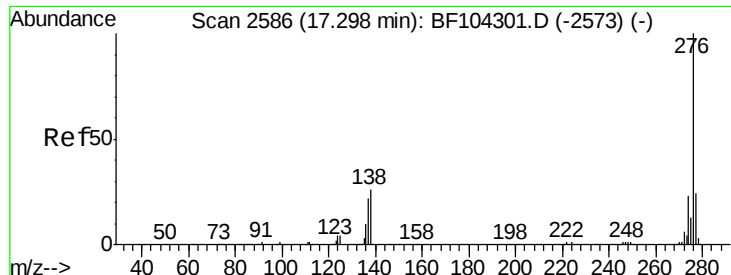


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.217 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BF104781.D

Acq: 25 Apr 2018 11:44

Instrument :

BNA_F

ClientSampleId :

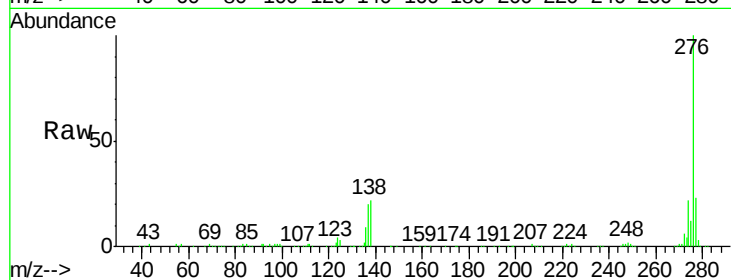
Tot Ion:276 Resp: 443236

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 21.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

