

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104628.D
 Acq On : 19 Apr 2018 13:52
 Operator : JU/SJ
 Sample : PB108328BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 14:47:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131278	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	514850	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	206755	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307882	20.00	ng	0.00
75) Chrysene-d12	13.98	240	264534	20.00	ng	0.00
86) Perylene-d12	15.44	264	296317	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	645488	75.18	ng	0.01
7) Phenol-d6	6.45	99	742021	70.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	691337	87.68	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	151723	70.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1150481	87.90	ng	0.00
78) Terphenyl-d14	12.92	244	889314	76.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	137504	34.372	ng	88
3) Pyridine	3.32	79	386557	34.368	ng	88
4) n-Nitrosodimethylamine	3.29	42	149872	38.118	ng	79
6) Aniline	6.47	93	154206	10.522	ng	95
8) 2-Chlorophenol	6.59	128	342528	37.799	ng	95
9) Benzaldehyde	6.36	77	209091	38.795	ng	93
10) Phenol	6.46	94	389137	34.767	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	330126	36.960	ng	97
12) 1,3-Dichlorobenzene	6.75	146	372882	36.322	ng	99
13) 1,4-Dichlorobenzene	6.82	146	372018	36.353	ng	99
14) 1,2-Dichlorobenzene	6.97	146	346874	36.577	ng	99
15) Benzyl Alcohol	6.95	79	264105	32.963	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	414860	34.586	ng	86
17) 2-Methylphenol	7.07	107	270893	34.390	ng	# 93
18) Hexachloroethane	7.32	117	138631	37.995	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	228284	33.117	ng	91
20) 3+4-Methylphenols	7.22	107	324787	33.246	ng	# 85
22) Acetophenone	7.22	105	455176	35.910	ng	98
24) Nitrobenzene	7.39	77	350679	40.284	ng	96
25) Isophorone	7.63	82	629915	37.780	ng	99
26) 2-Nitrophenol	7.70	139	180310	50.879	ng	97
27) 2,4-Dimethylphenol	7.75	122	277321	37.688	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	401662	39.401	ng	99
29) 2,4-Dichlorophenol	7.95	162	254228	36.210	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	286049	37.124	ng	99
31) Naphthalene	8.11	128	951020	37.096	ng	99
32) Benzoic acid	7.86	122	118979	20.265	ng	96
33) 4-Chloroaniline	8.16	127	59261	5.396	ng	98
34) Hexachlorobutadiene	8.22	225	157189	37.244	ng	98
35) Caprolactam	8.53	113	81964	33.465	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	241856	32.126	ng	98
37) 2-Methylnaphthalene	8.80	142	611105	36.851	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	259378	43.825	ng	99
40) Hexachlorocyclopentadiene	8.95	237	219467	66.236	ng	99

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

42) 2,4,6-Trichlorophenol	9.08	196	162434	39.536	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	157284	34.210	ng	97
45) 1,1'-Biphenyl	9.26	154	693570	39.932	ng	99
46) 2-Chloronaphthalene	9.29	162	543251	39.598	ng	99
47) 2-Nitroaniline	9.39	65	138846	40.924	ng	90
48) Acenaphthylene	9.70	152	795068	36.937	ng	100
49) Dimethylphthalate	9.57	163	599098	36.745	ng	99
50) 2,6-Dinitrotoluene	9.63	165	128118	42.467	ng	# 87
51) Acenaphthene	9.88	154	464767	35.389	ng	99
52) 3-Nitroaniline	9.80	138	57563	16.298	ng	99
53) 2,4-Dinitrophenol	9.91	184	51277	50.507	ng	# 17
54) Dibenzofuran	10.05	168	679374	37.119	ng	99
55) 4-Nitrophenol	9.97	139	177399	63.941	ng	99
56) 2,4-Dinitrotoluene	10.03	165	162796	41.138	ng	# 95
57) Fluorene	10.39	166	515021	38.660	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121374	35.386	ng	93
59) Diethylphthalate	10.26	149	558640	34.403	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	233083	39.287	ng	95
61) 4-Nitroaniline	10.42	138	99361	28.772	ng	93
62) Azobenzene	10.55	77	522966	33.710	ng	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	43671	32.014	ng	90
65) n-Nitrosodiphenylamine	10.50	169	430233	40.303	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	137191	41.892	ng	92
67) Hexachlorobenzene	10.94	284	161068	43.710	ng	93
68) Atrazine	11.03	200	127484	39.564	ng	98
69) Pentachlorophenol	11.14	266	133621	58.614	ng	96
70) Phenanthrene	11.36	178	670305	39.095	ng	99
71) Anthracene	11.41	178	686533	39.391	ng	99
72) Carbazole	11.56	167	602926	35.402	ng	100
73) Di-n-butylphthalate	11.89	149	763391	36.694	ng	99
74) Fluoranthene	12.54	202	665846	37.169	ng	98
76) Benzidine	12.67	184	227600	21.745	ng	98
77) Pyrene	12.77	202	670614	34.201	ng	99
79) Butylbenzylphthalate	13.39	149	325848	35.274	ng	98
80) Benzo(a)anthracene	13.97	228	648156	41.013	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	166053	28.181	ng	100
82) Chrysene	14.00	228	621063	38.260	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	447801	37.687	ng	100
84) Di-n-octyl phthalate	14.57	149	809032	40.750	ng	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	709661	51.464	ng	97
87) Benzo(b)fluoranthene	15.02	252	704705	37.655	ng	99
88) Benzo(k)fluoranthene	15.05	252	651738	36.887	ng	98
89) Benzo(a)pyrene	15.38	252	673769	40.237	ng	# 97
90) Dibenzo(a,h)anthracene	16.91	278	578742	42.082	ng	99
91) Benzo(g,h,i)perylene	17.34	276	578954	43.451	ng	97

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

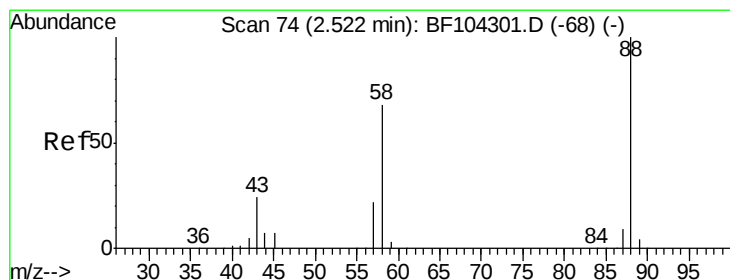
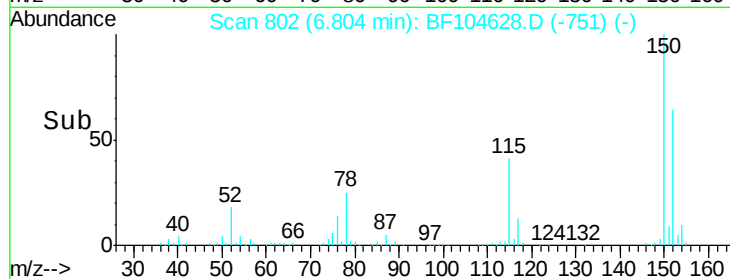
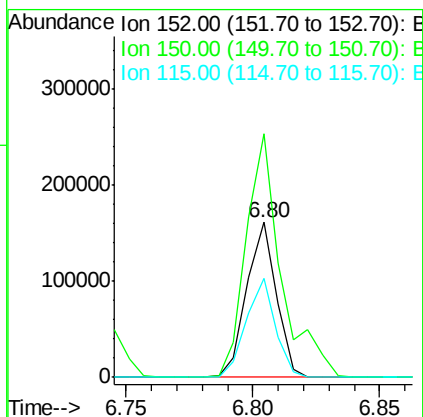
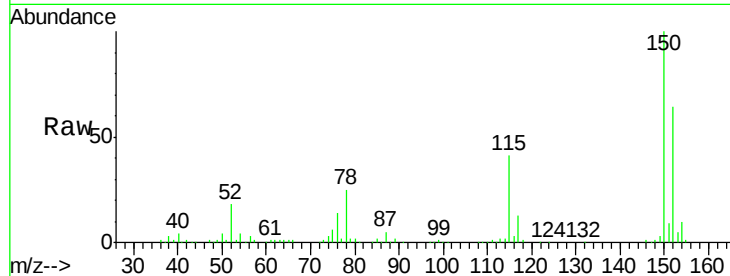


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

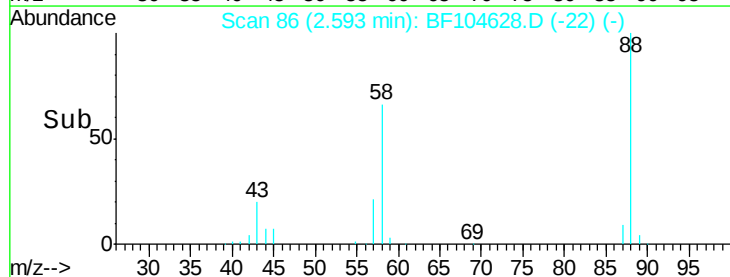
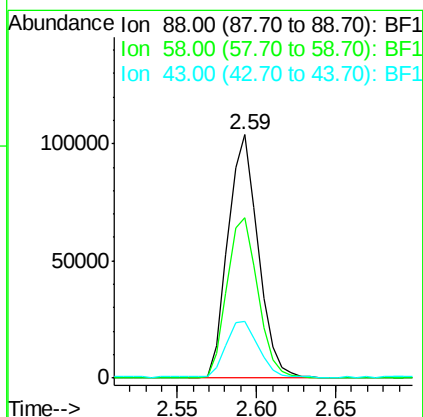
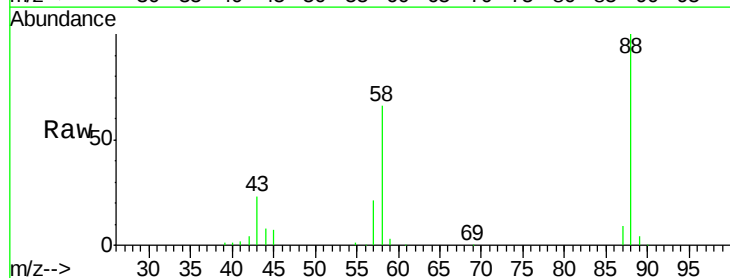
Tot Ion:152 Resp: 131278
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 64.3 50.1 75.1

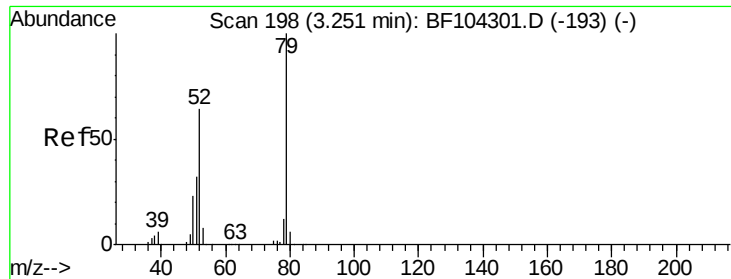


#2

1,4-Dioxane
Concen: 34.372 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion: 88 Resp: 137504
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 24.8 24.6 37.0





#3

Pvridine

Concen: 34.368 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

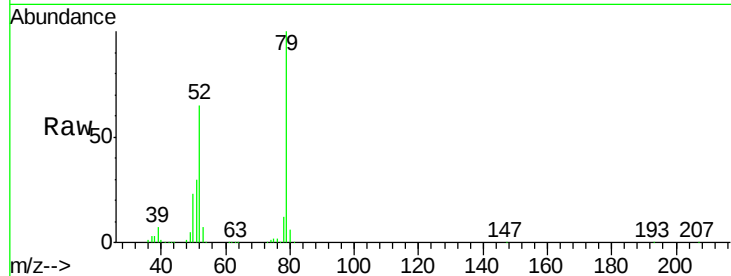
Tot Ion: 79 Resp: 386557

Ion Ratio Lower Upper

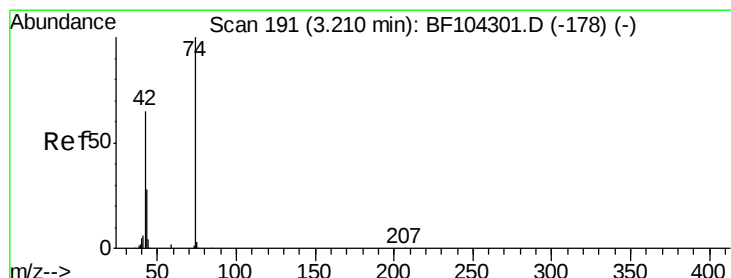
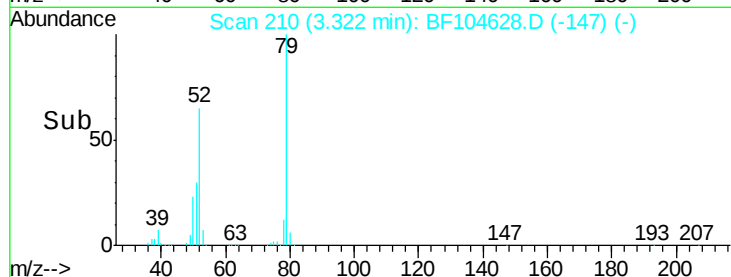
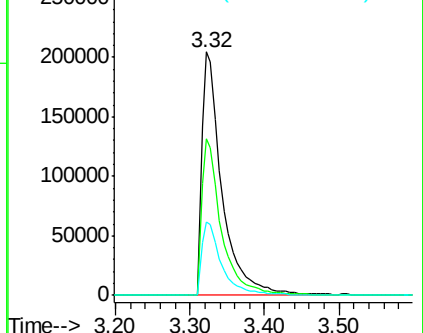
79 100

52 64.5 59.8 89.6

51 30.3 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: 38.118 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

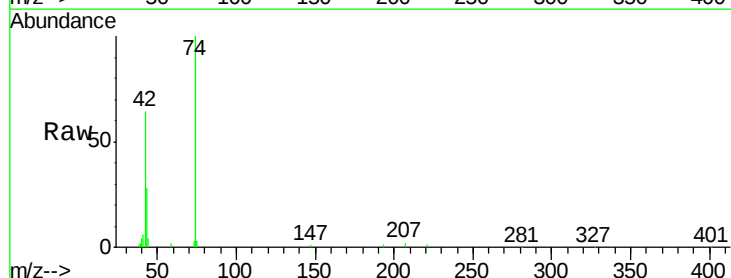
Tgt Ion: 42 Resp: 149872

Ion Ratio Lower Upper

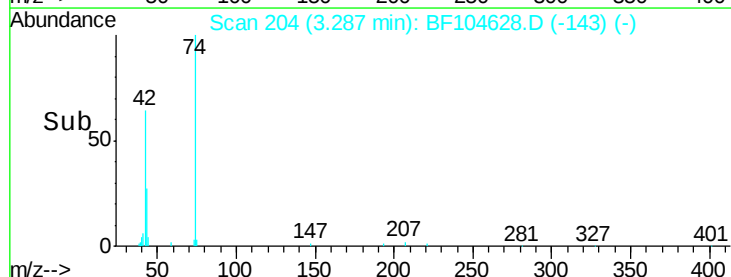
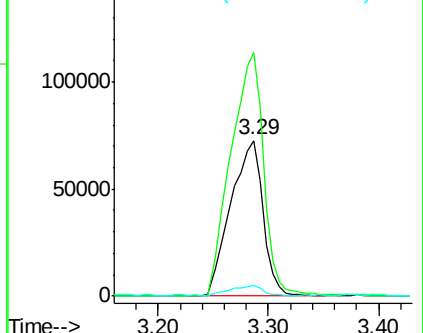
42 100

74 156.7 104.9 157.3

44 7.0 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: 75.183 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampled :

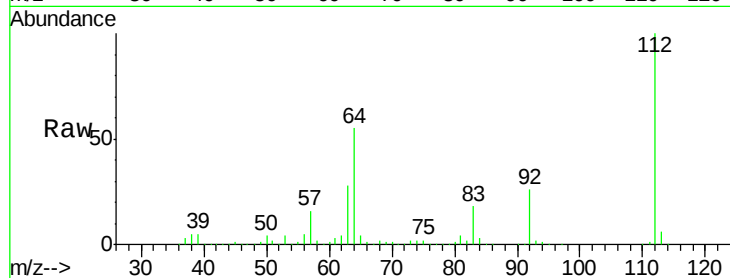
Tot Ion: 112 Resp: 645488

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

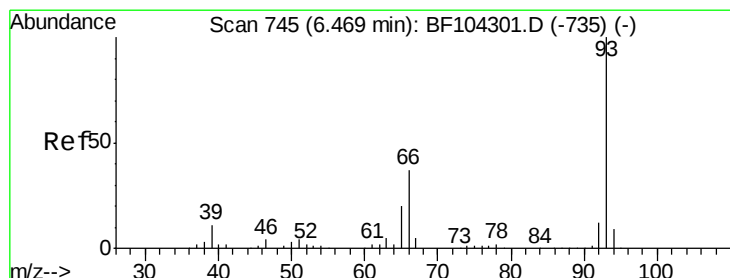
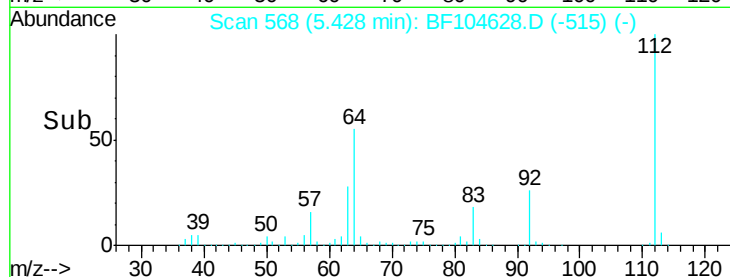
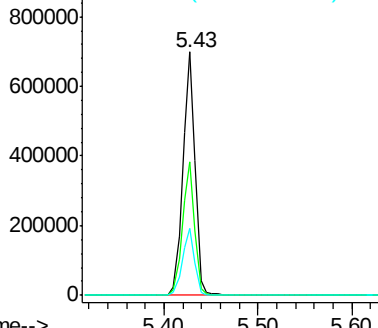
63 27.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.522 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

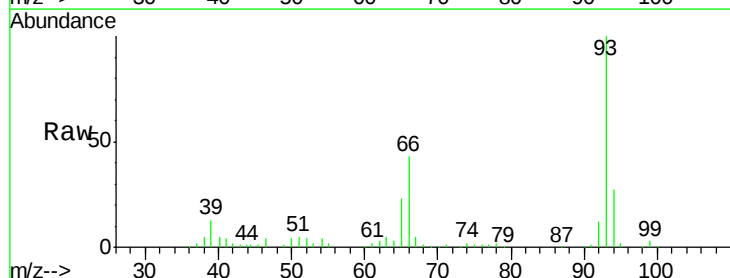
Tgt Ion: 93 Resp: 154206

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

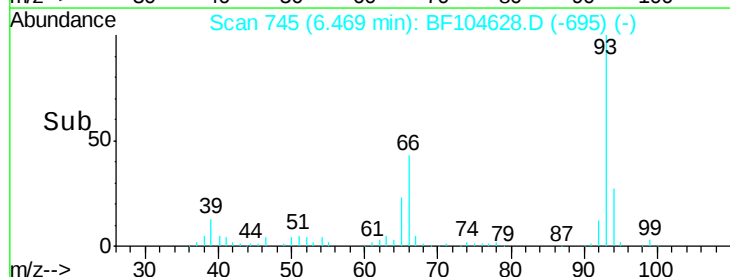
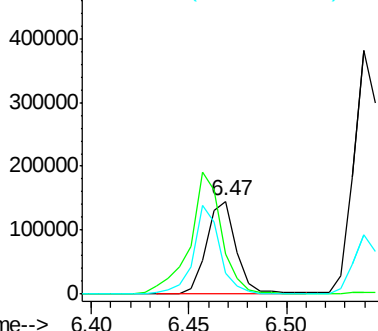
65 23.1 16.4 24.6



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: 70.341 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

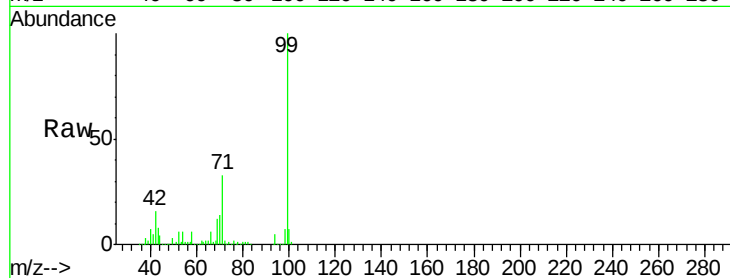
Tot Ion: 99 Resp: 742021

Ion Ratio Lower Upper

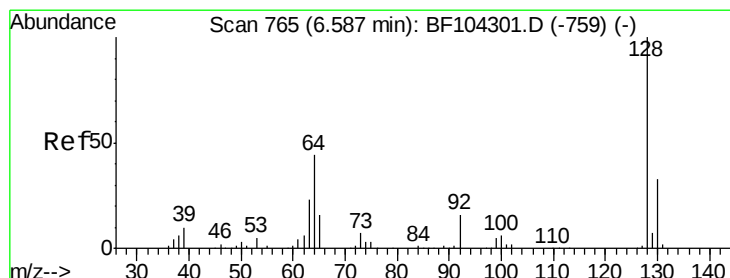
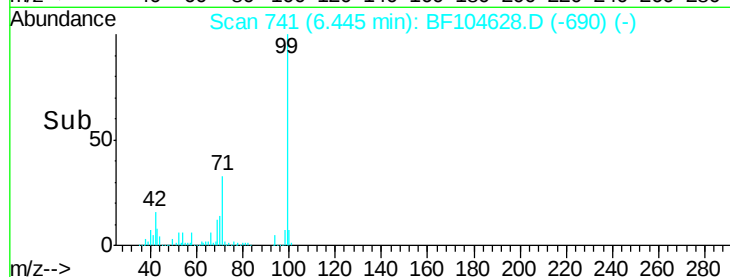
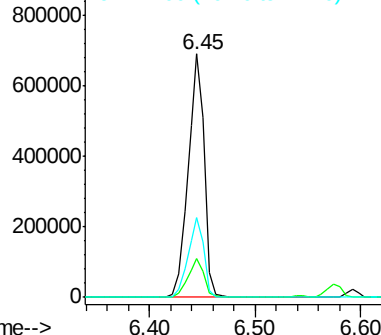
99 100

42 16.2 14.5 21.7

71 32.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.799 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

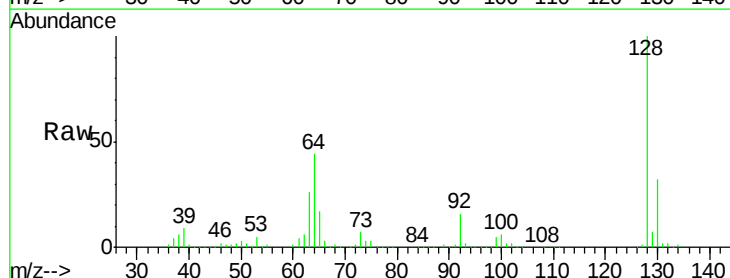
Tgt Ion: 128 Resp: 342528

Ion Ratio Lower Upper

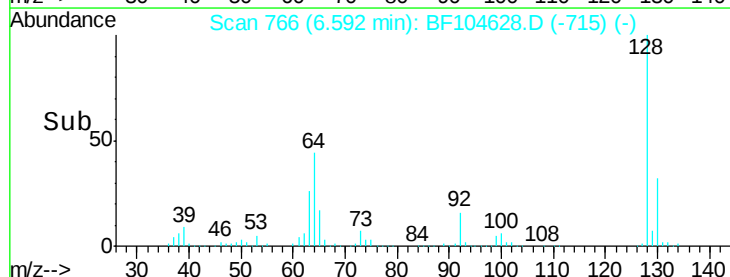
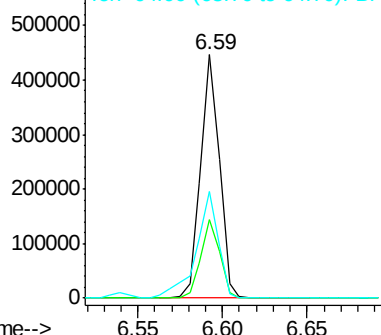
128 100

130 32.3 13.0 53.0

64 44.0 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

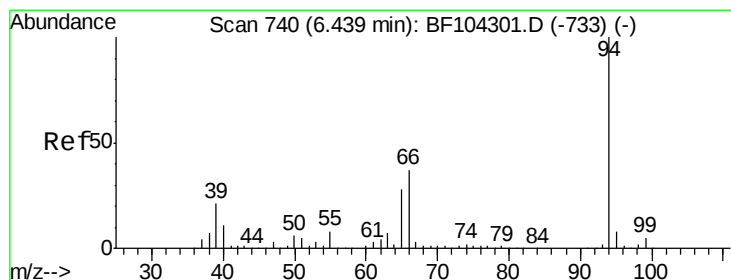
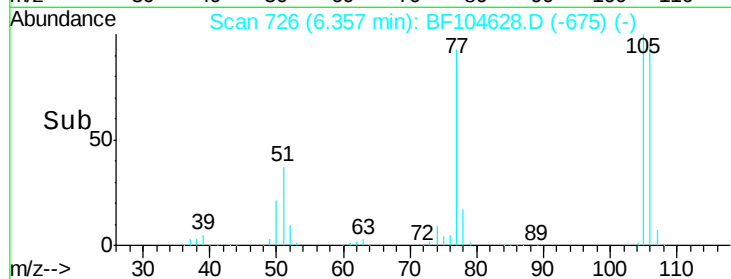
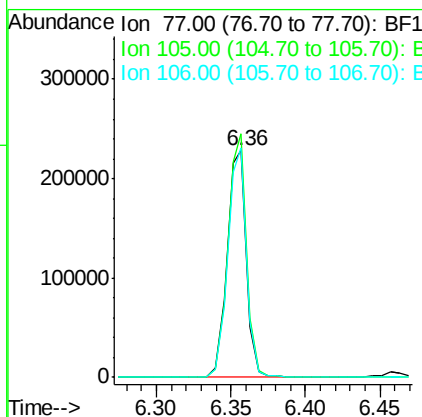
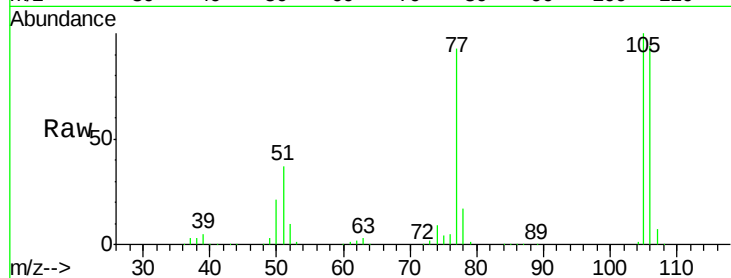




#9
Benzaldehyde
Concen: 38.795 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

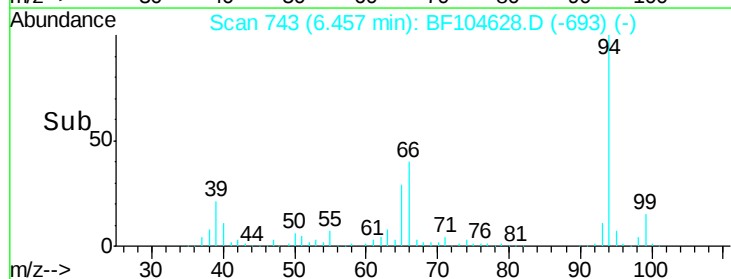
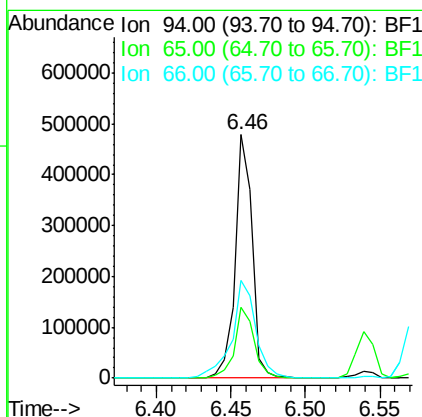
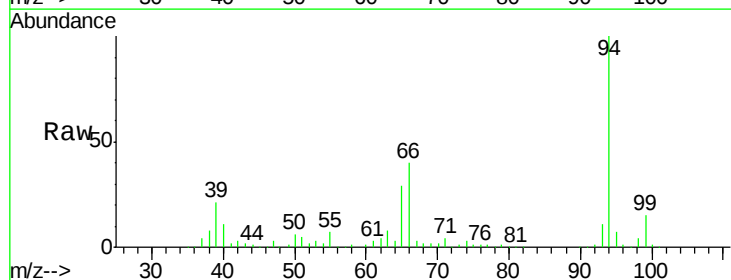
Instrument :
BNA_F
ClientSampleId :

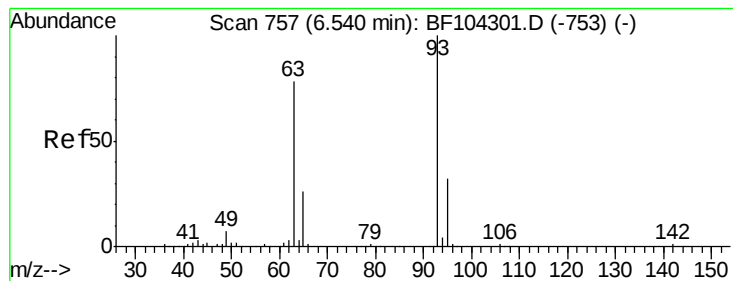
Tot Ion: 77 Resp: 209091
Ion Ratio Lower Upper
77 100
105 107.5 81.1 121.1
106 101.0 74.5 114.5



#10
Phenol
Concen: 34.767 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion: 94 Resp: 389137
Ion Ratio Lower Upper
94 100
65 28.9 7.9 47.9
66 39.9 16.2 56.2

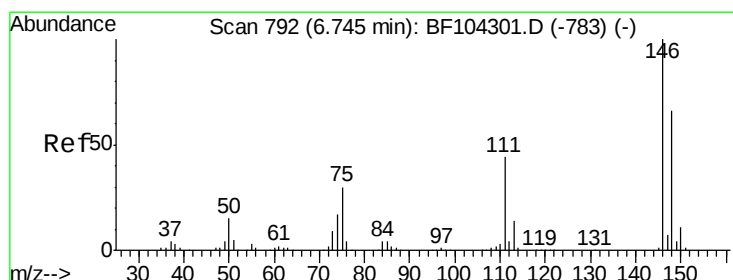
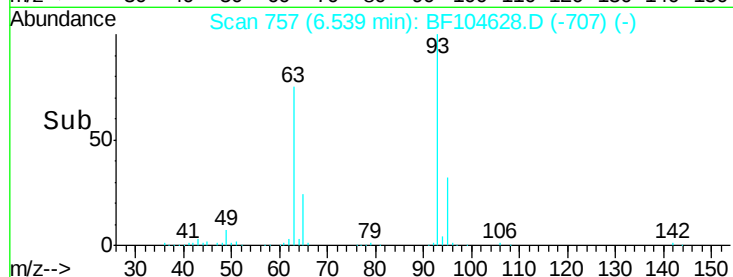
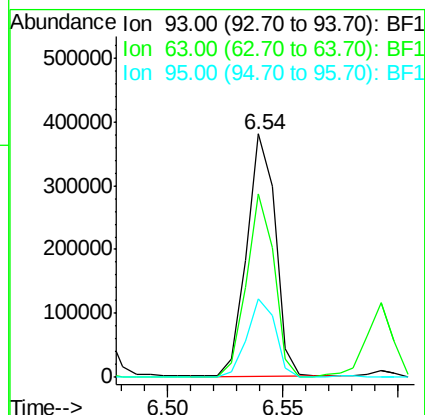
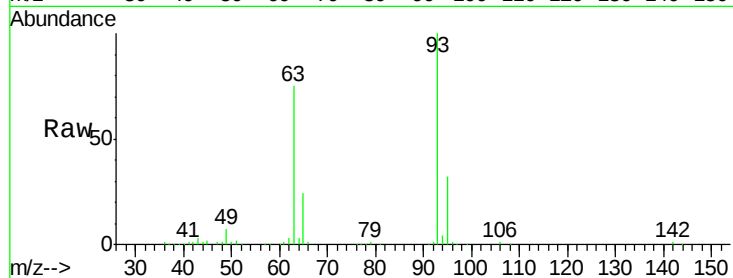




#11
 bis(2-Chloroethyl)ether
 Concen: 36.960 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

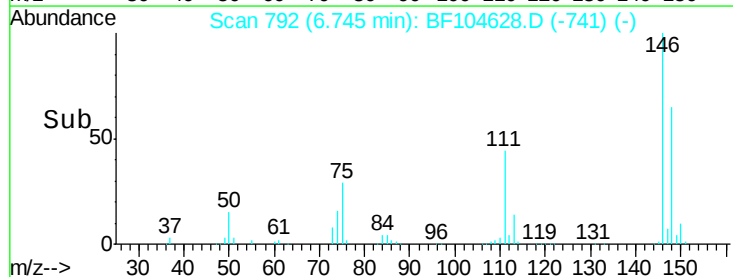
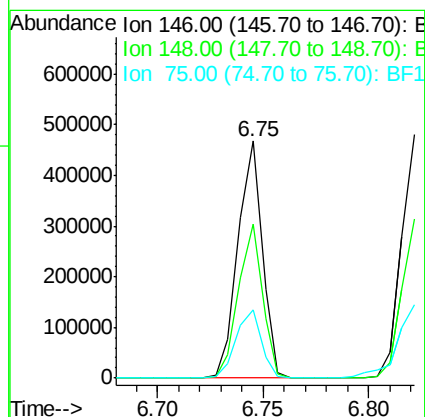
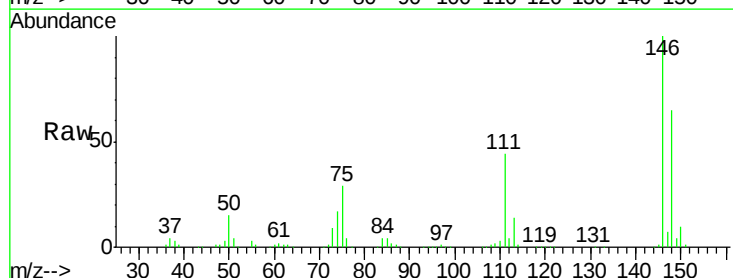
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	58.6	98.6
95	32.5	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.322 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	28.7	24.2	36.4

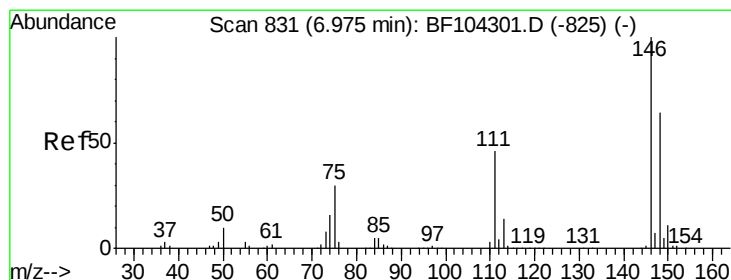
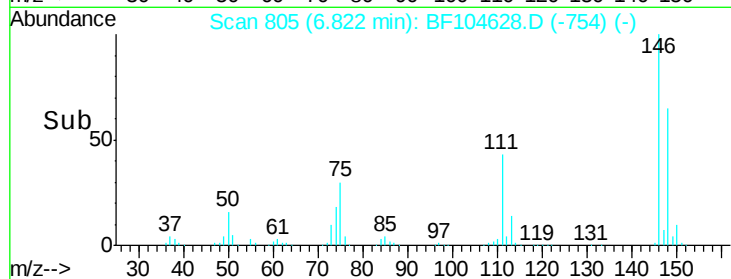
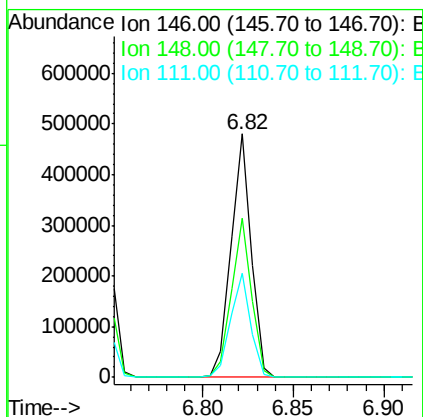
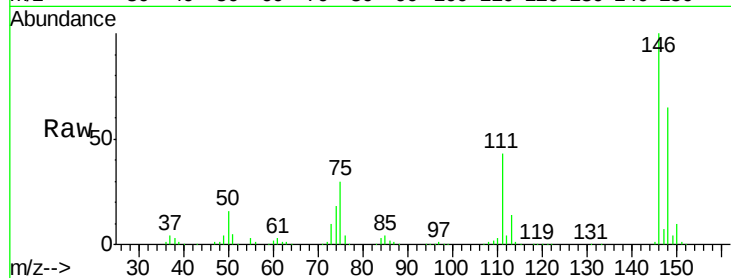




#13
 1,4-Dichlorobenzene
 Concen: 36.353 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

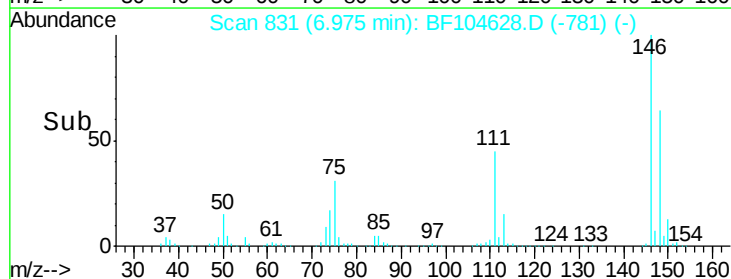
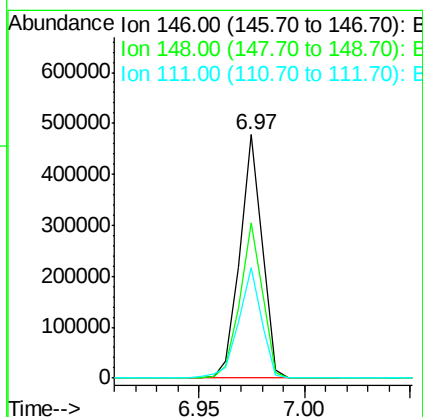
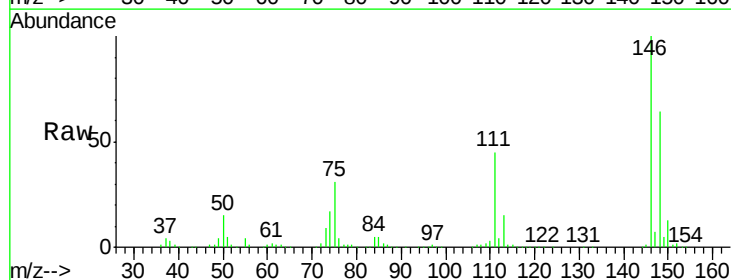
Instrument :
 BNA_F
 ClientSampleId :

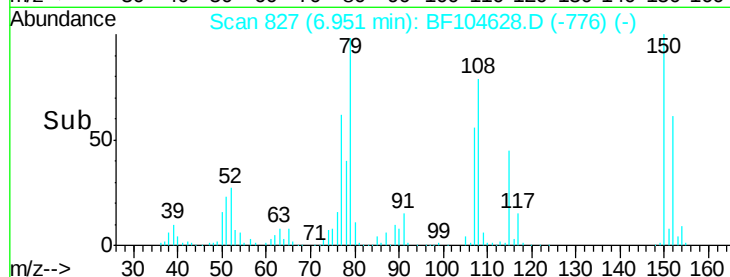
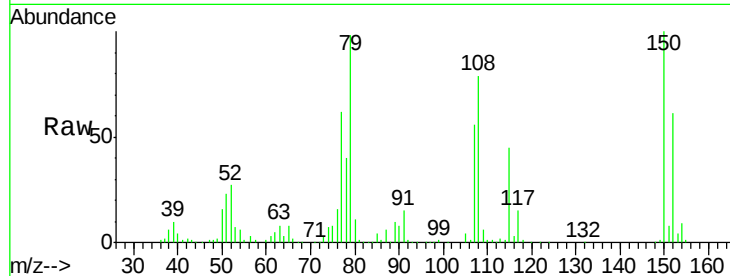
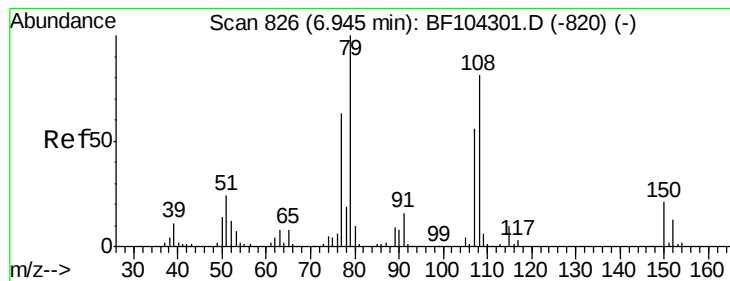
Tot Ion:146 Resp: 372018
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 42.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.577 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:146 Resp: 346874
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 45.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.963 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

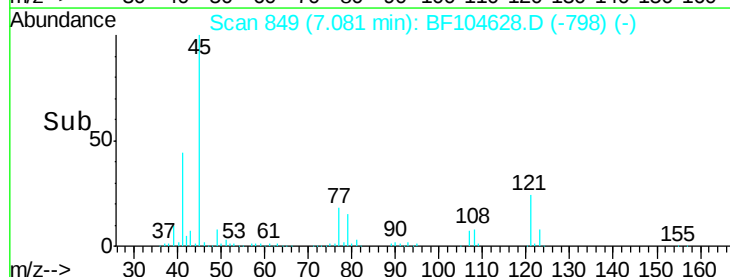
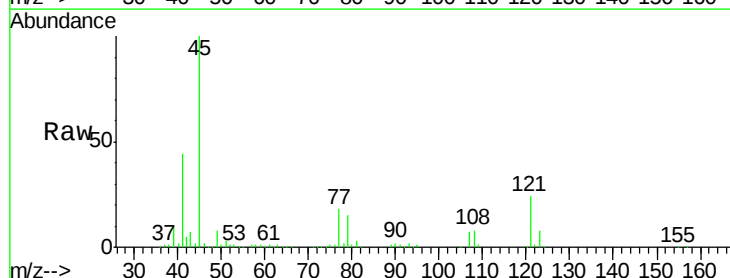
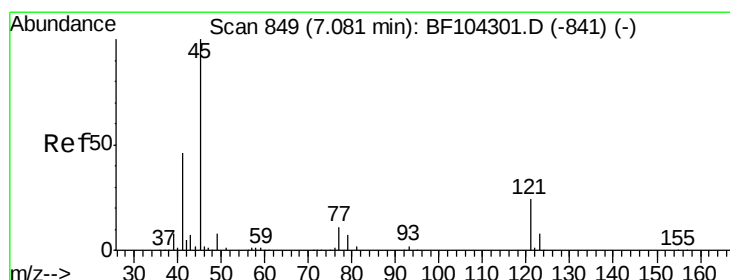
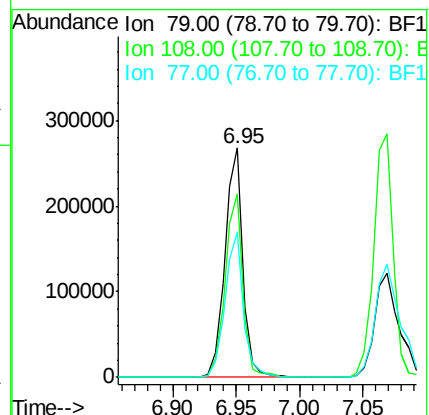
Tot Ion: 79 Resp: 264105

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.586 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

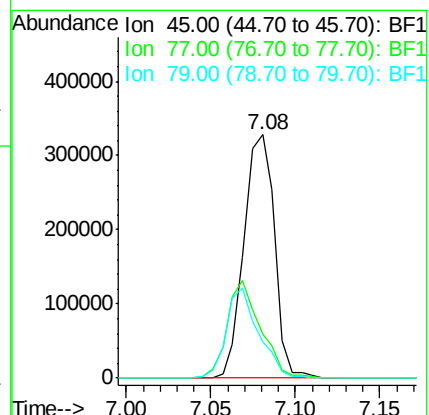
Tgt Ion: 45 Resp: 414860

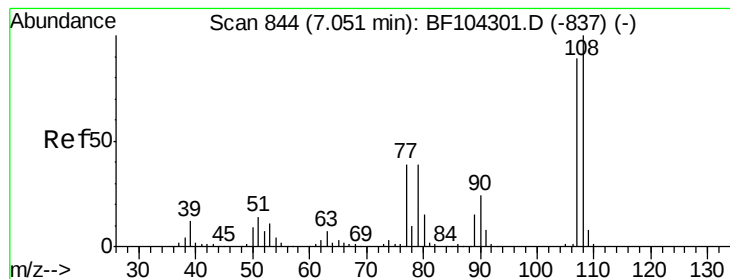
Ion Ratio Lower Upper

45 100

77 18.1 0.0 32.9

79 15.0 0.0 29.6

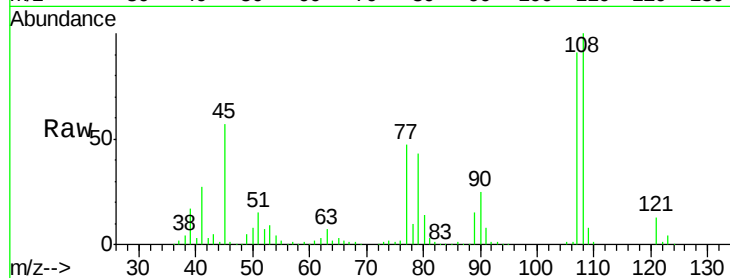




#17
2-Methylphenol
Concen: 34.390 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	51.5	33.8	50.8
79	47.0	33.8	50.8



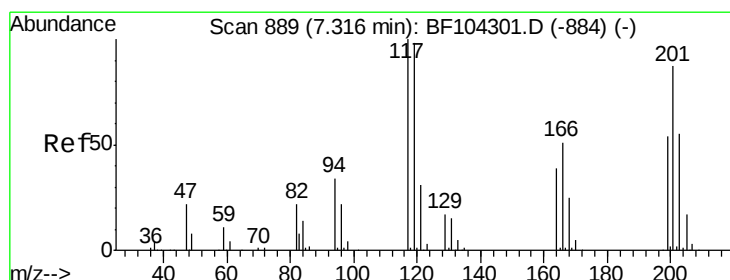
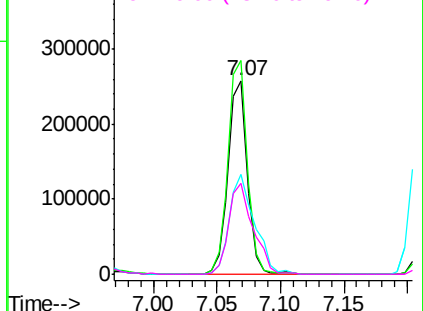
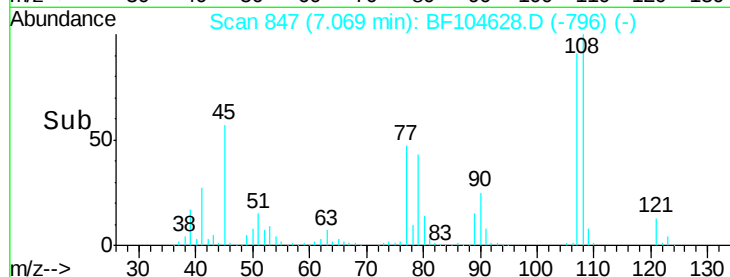
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

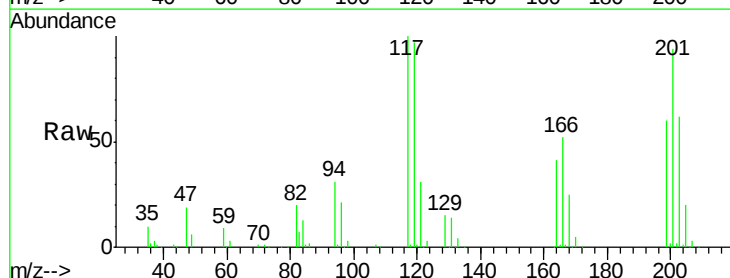
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.995 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	93.9	75.7	113.5

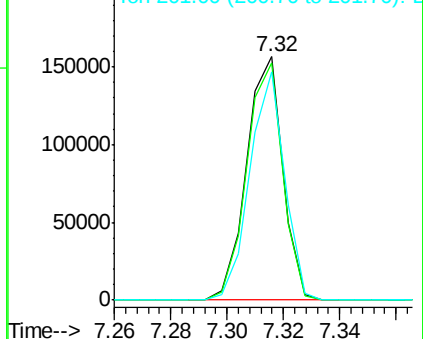
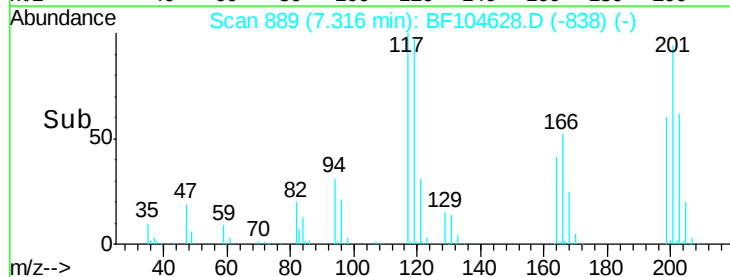


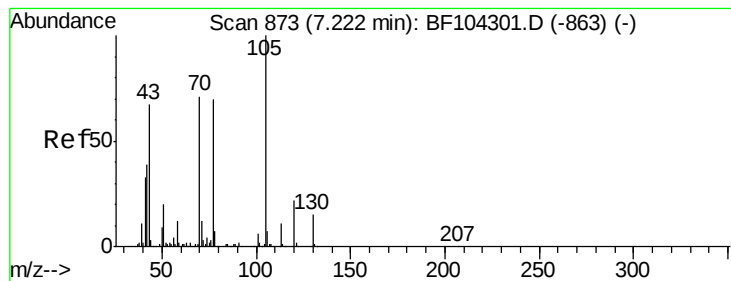
Abundance

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: 33.117 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 228284

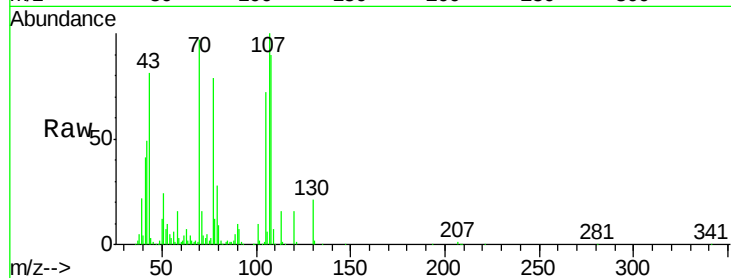
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 9.9 7.4 11.2

130 22.1 16.6 25.0

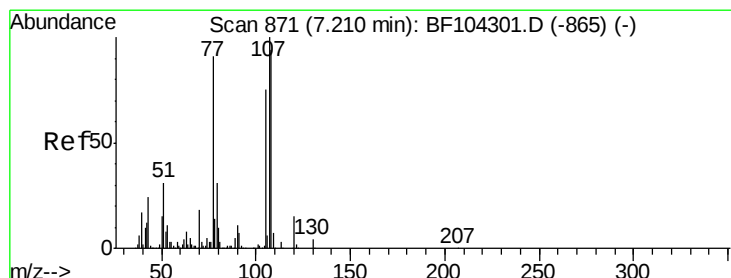
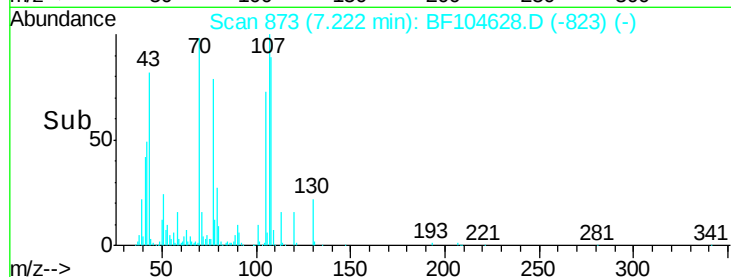
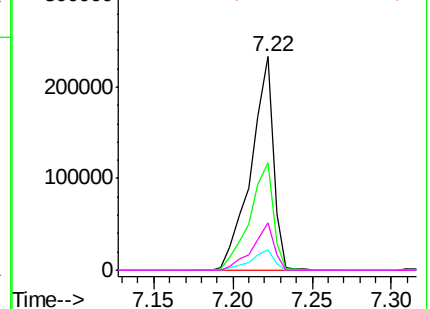


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.246 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Tgt Ion: 107 Resp: 324787

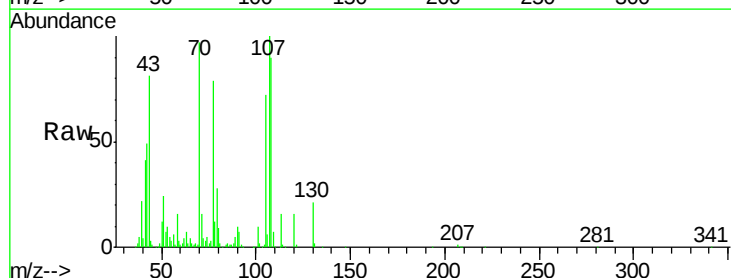
Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 79.1 26.7 66.7#

79 27.6 6.3 46.3

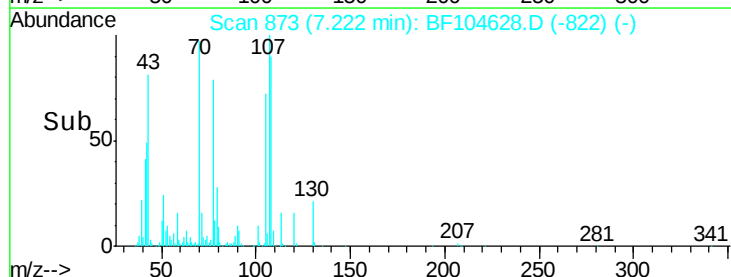
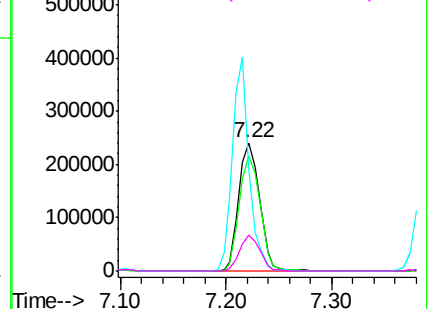


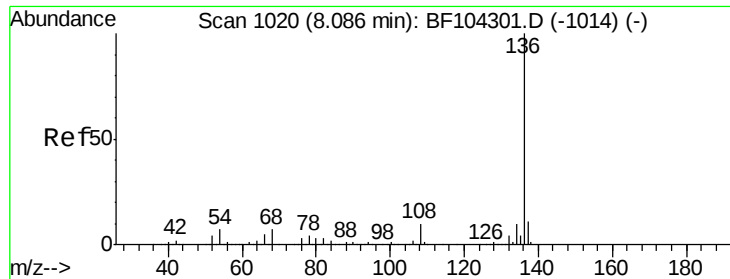
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 514850

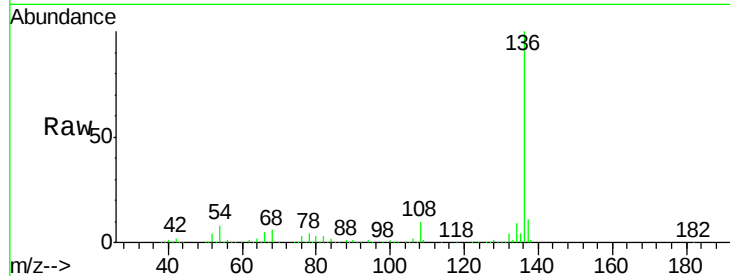
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

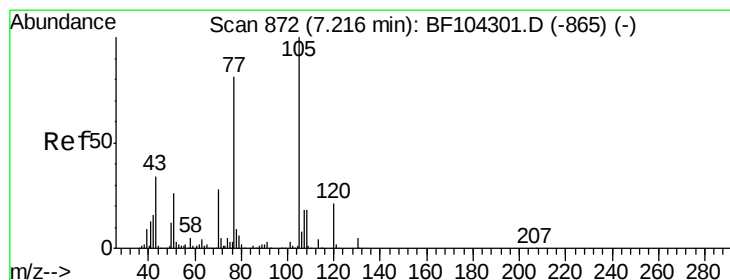
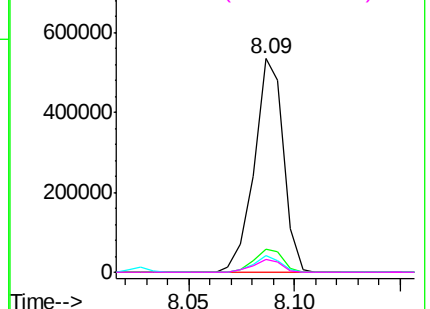
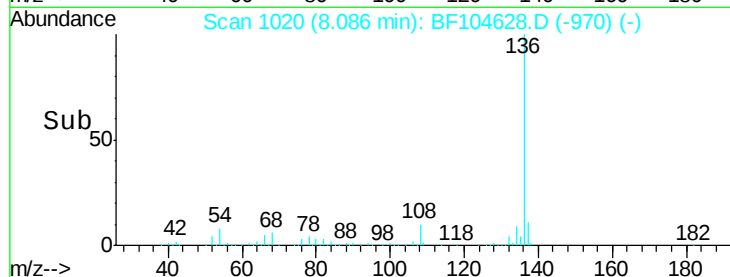


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.910 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Tgt Ion:105 Resp: 455176

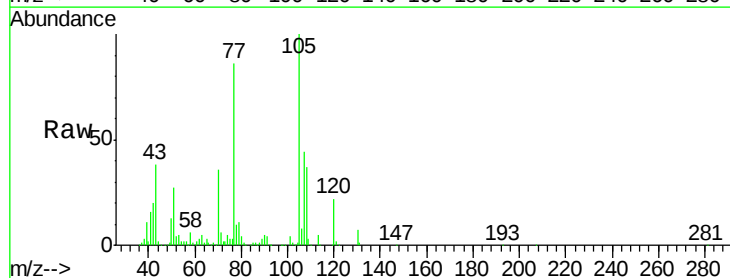
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 27.1 22.3 33.5

120 21.8 16.9 25.3

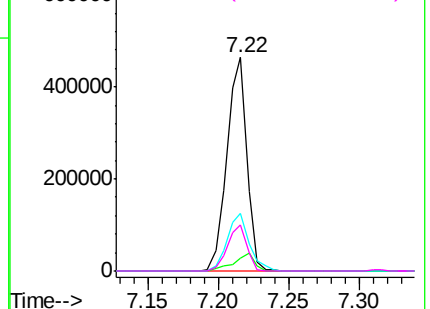
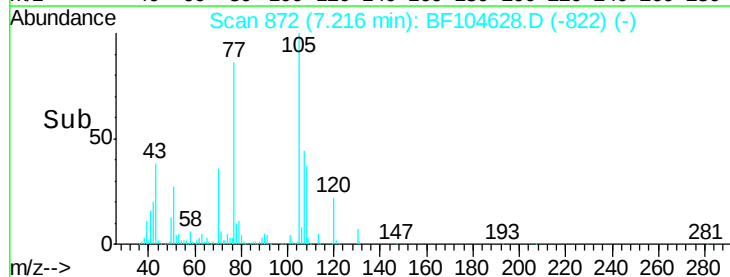


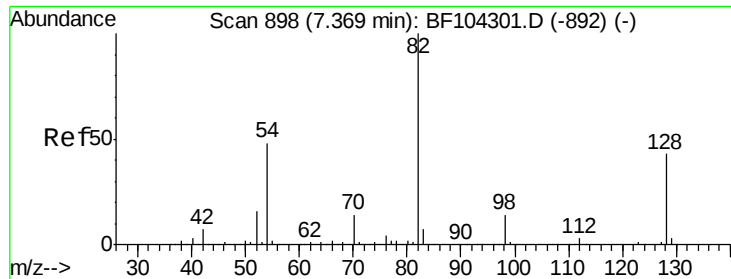
Abundance Ion 105.00 (104.70 to 105.70): E

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

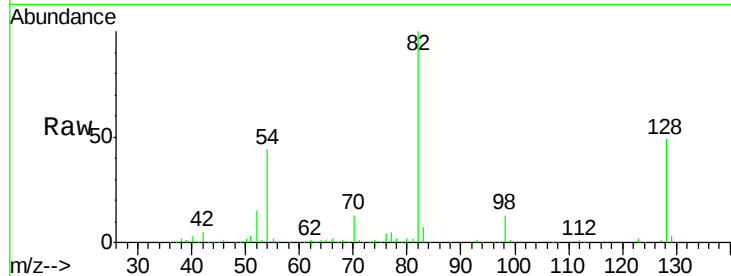




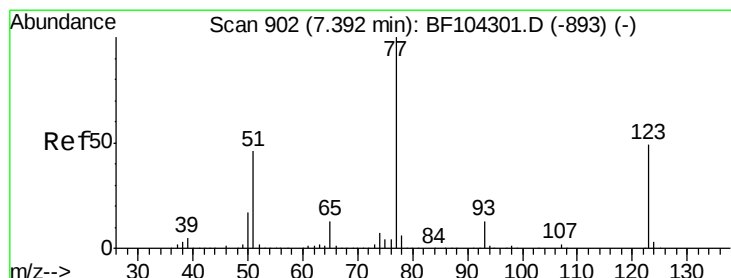
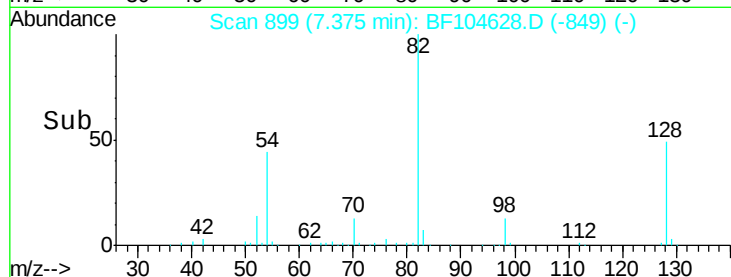
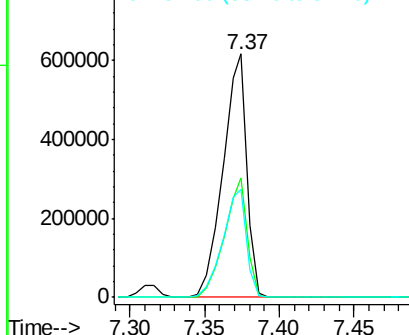
#23
Nitrobenzene-d5
Concen: 87.682 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	691337
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	44.2	41.4	62.2

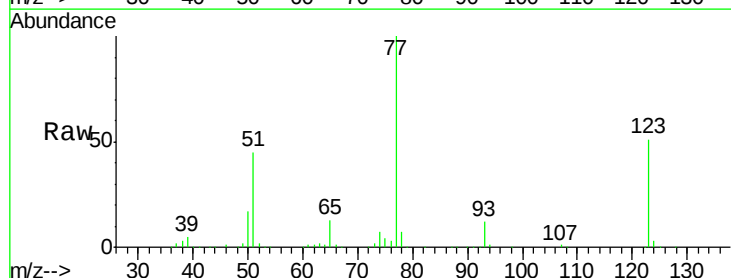


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

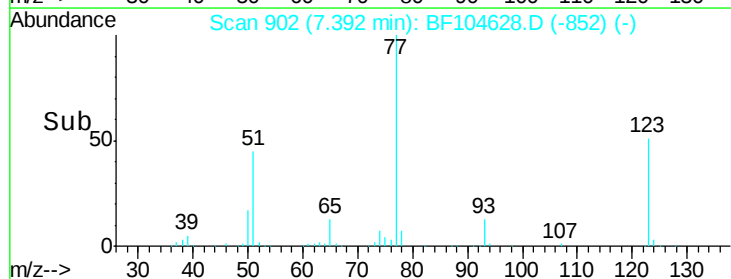
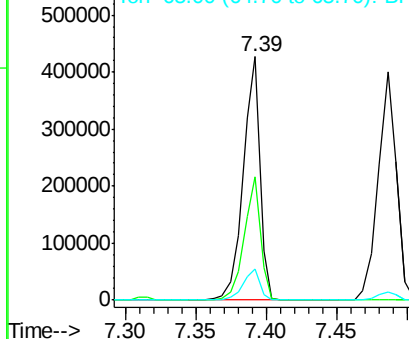


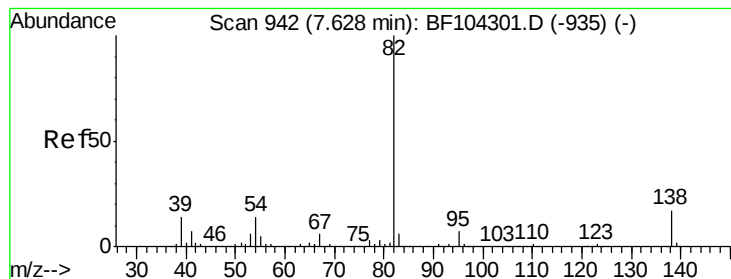
#24
Nitrobenzene
Concen: 40.284 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion	77	Resp	350679
Ion Ratio	100	Lower	Upper
123	50.7	37.9	56.9
65	12.8	11.0	16.4



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





#25

Isophorone

Concen: 37.780 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

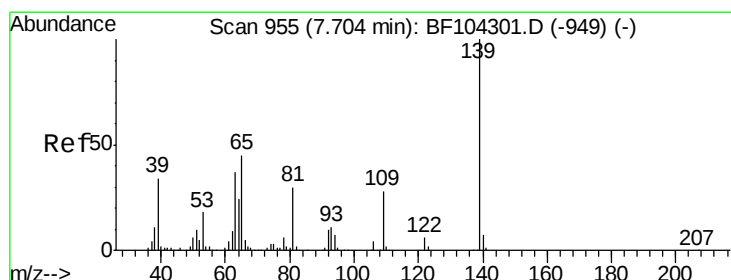
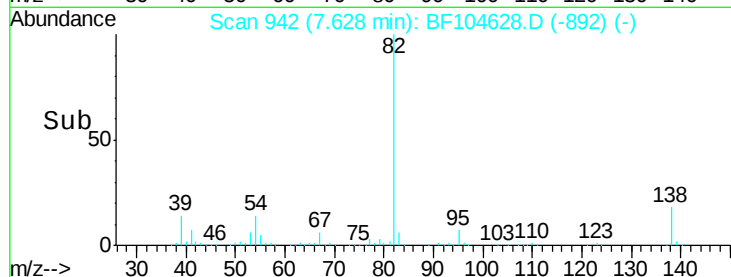
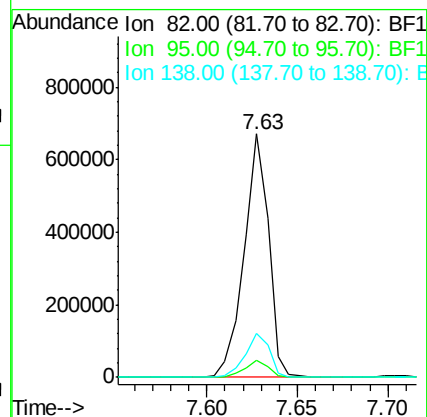
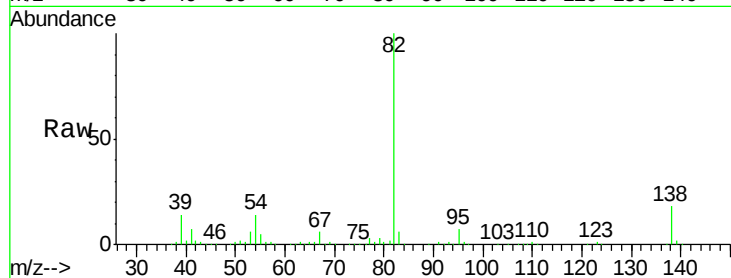
Tot Ion: 82 Resp: 629915

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 50.879 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

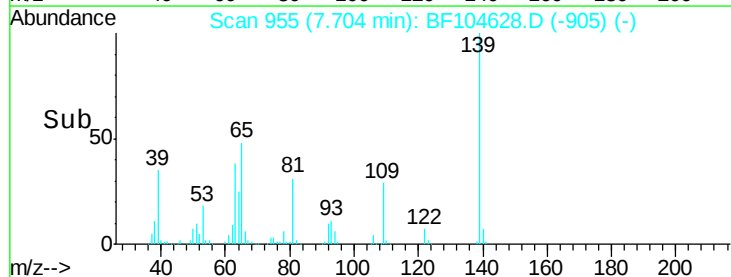
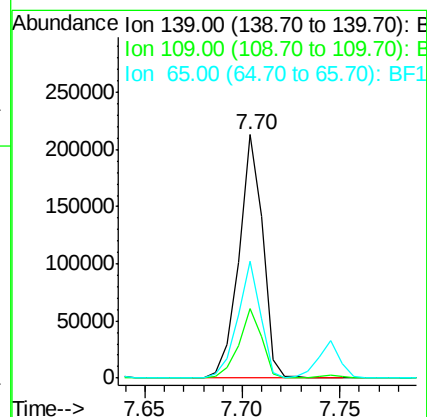
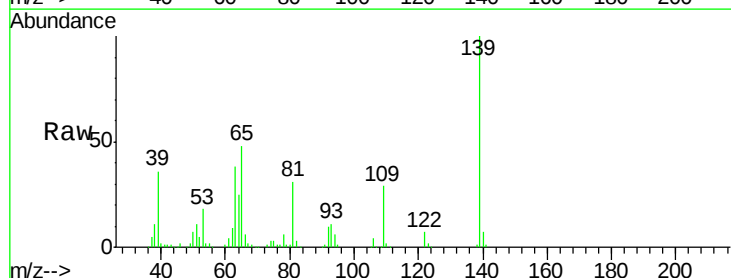
Tgt Ion: 139 Resp: 180310

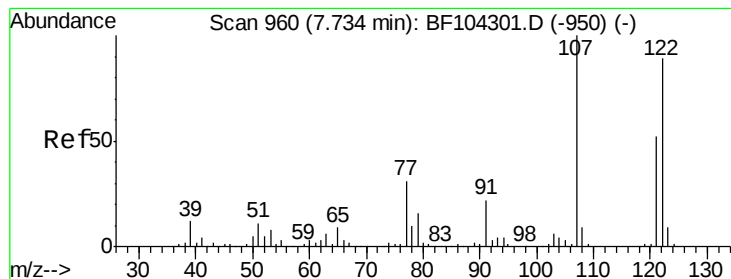
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 47.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.688 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampled :

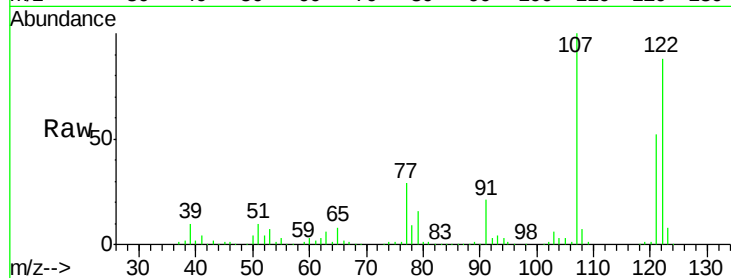
Tot Ion:122 Resp: 277321

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

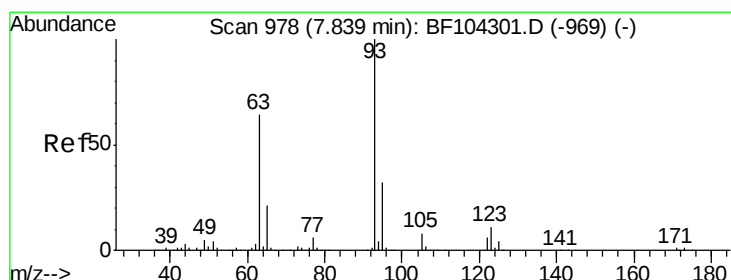
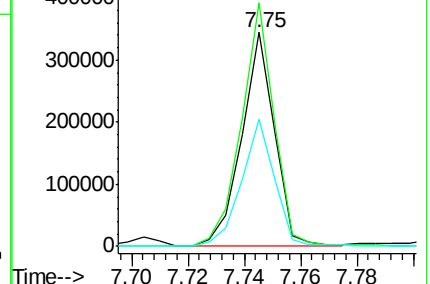
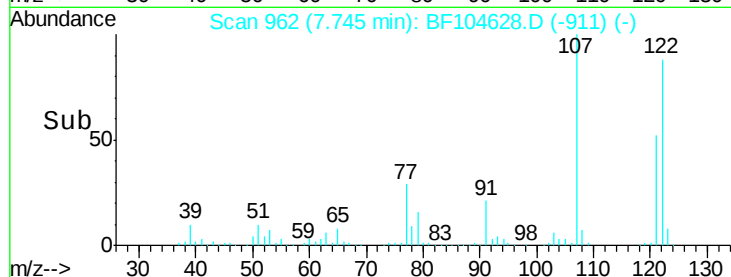
121 59.3 47.2 70.8



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: 39.401 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

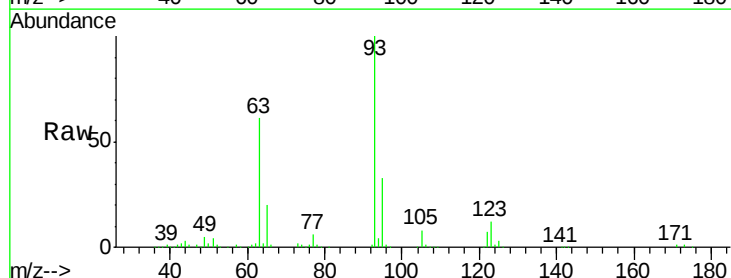
Tgt Ion: 93 Resp: 401662

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

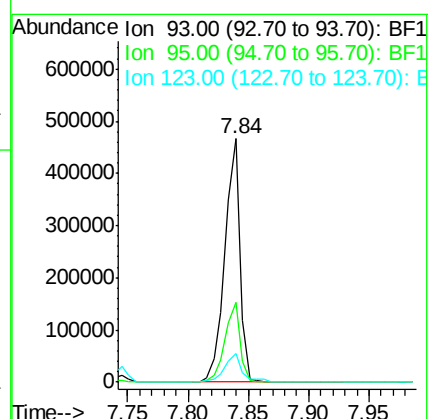
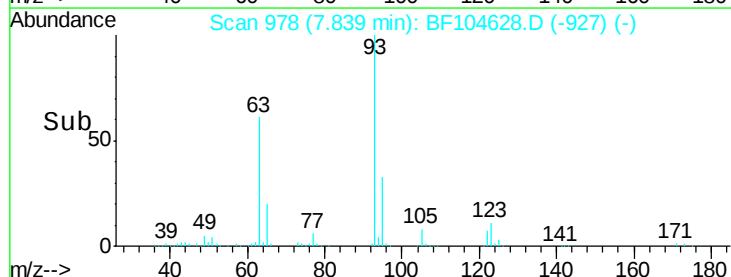
123 11.5 9.8 14.6



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: 36.210 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

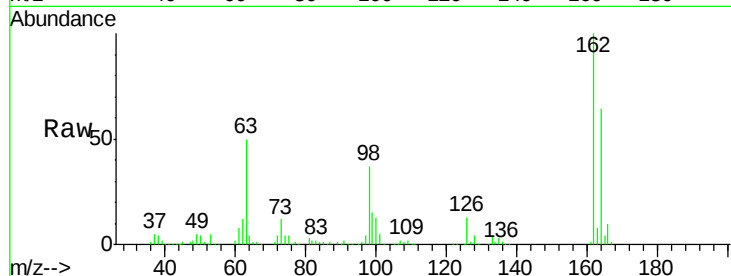
Tot Ion:162 Resp: 254228

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

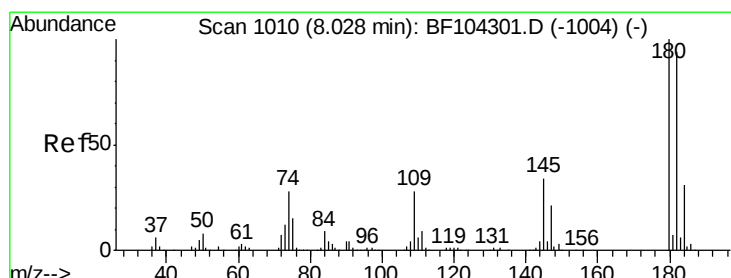
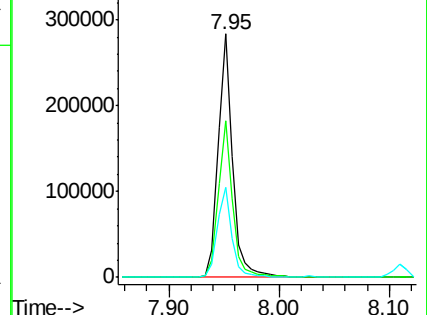
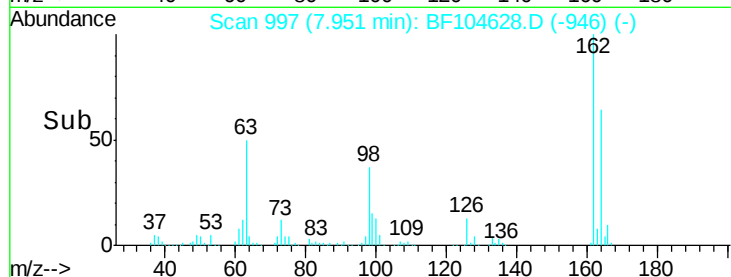
98 36.7 18.1 58.1



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: 37.124 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

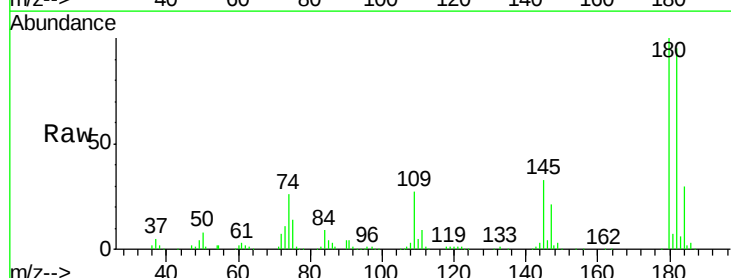
Tgt Ion:180 Resp: 286049

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

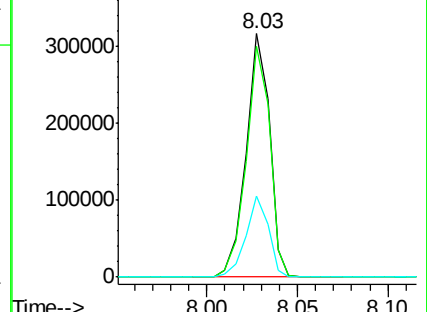
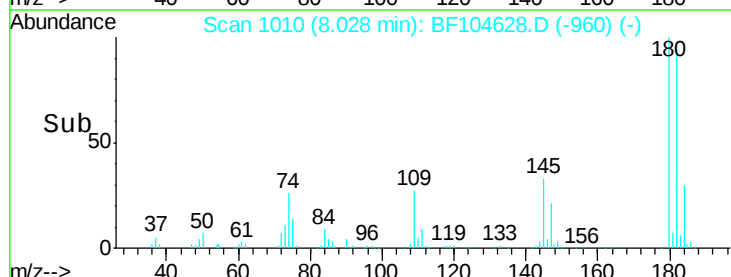
145 33.4 26.5 39.7

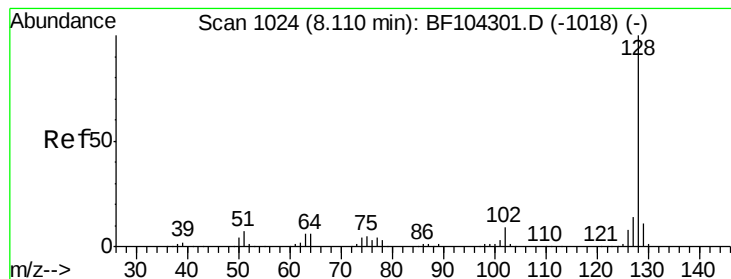


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.096 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampled :

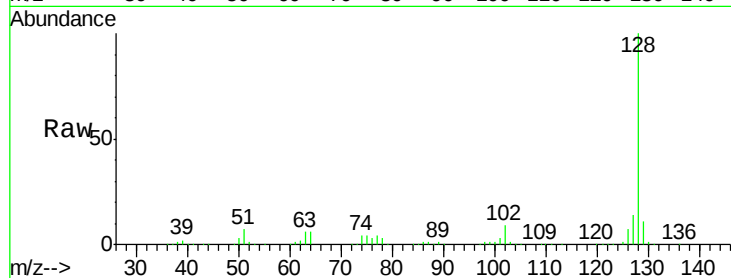
Tot Ion:128 Resp: 951020

Ion Ratio Lower Upper

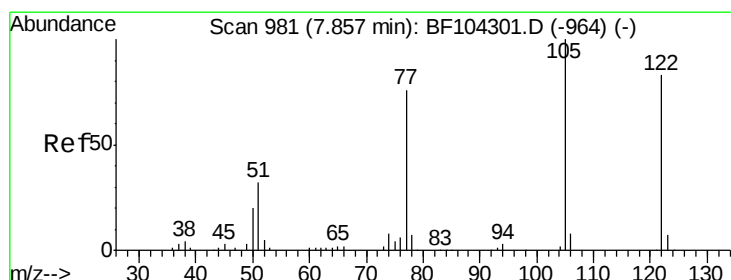
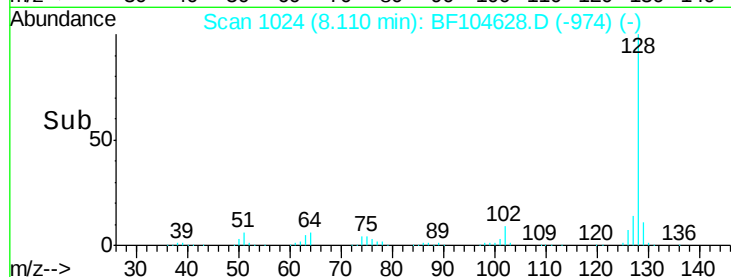
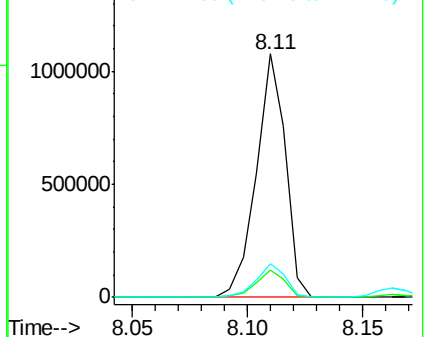
128 100

129 11.4 8.8 13.2

127 13.7 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: 20.265 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

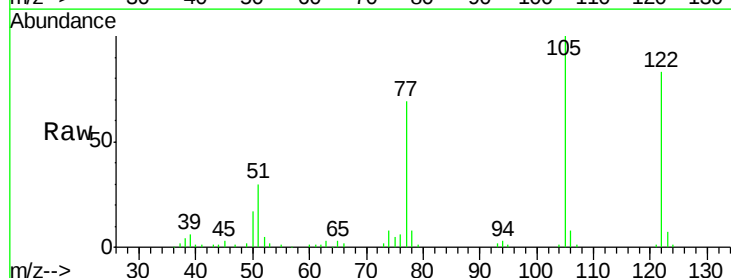
Tgt Ion:122 Resp: 118979

Ion Ratio Lower Upper

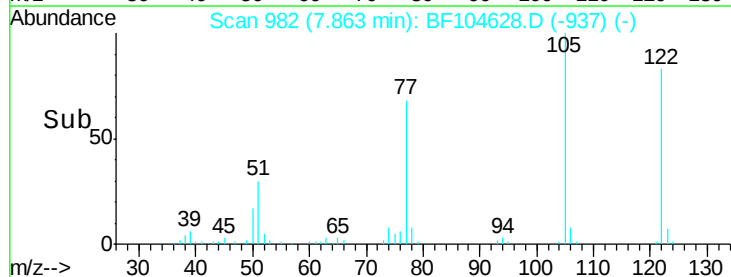
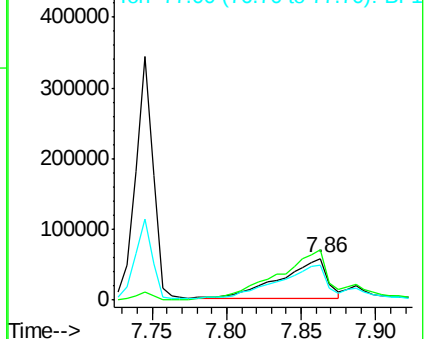
122 100

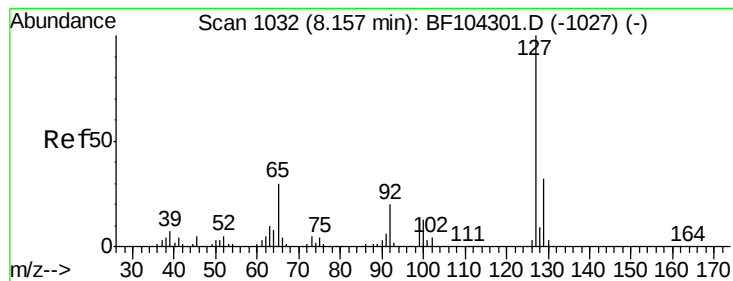
105 120.1 101.1 141.1

77 82.9 70.7 110.7



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





#33

4-Chloroaniline

Concen: 5.396 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 59261

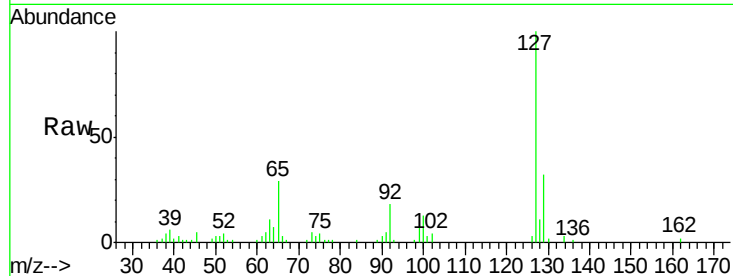
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 29.2 25.0 37.4

92 17.7 15.2 22.8

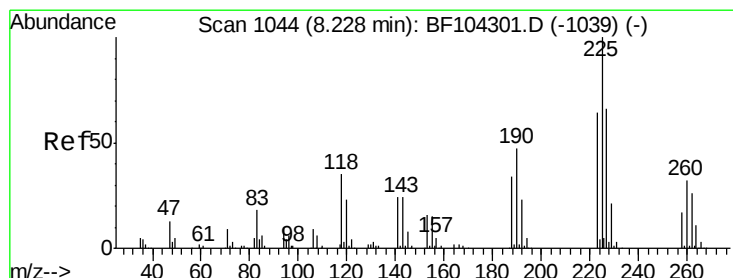
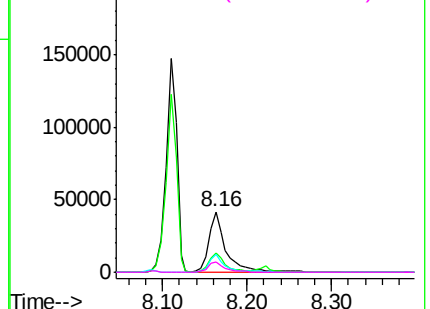
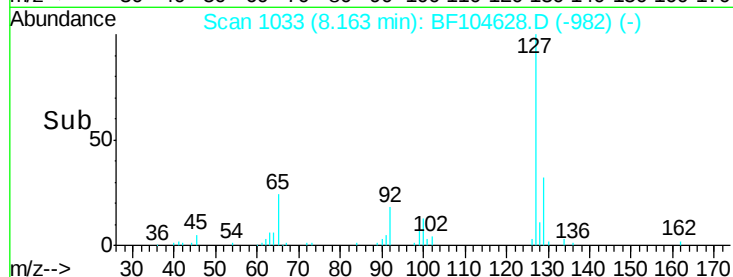


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.244 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

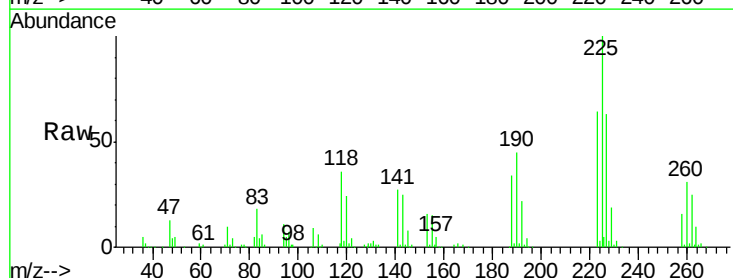
Tgt Ion:225 Resp: 157189

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

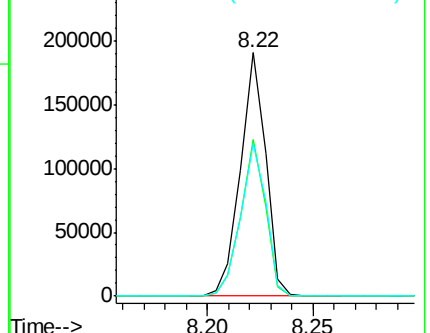
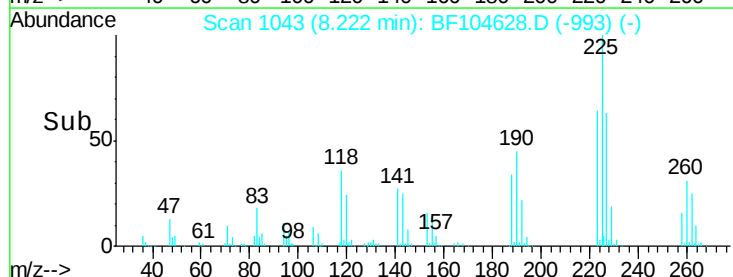
227 62.6 51.9 77.9

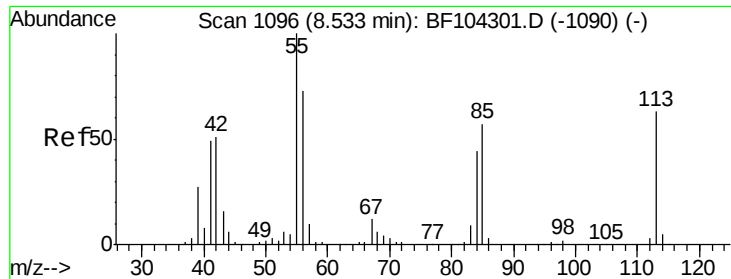


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.465 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

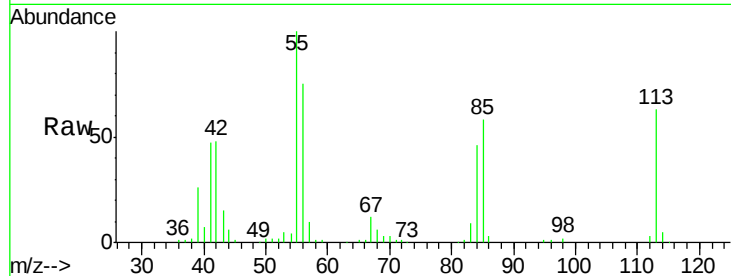
Tot Ion:113 Resp: 81964

Ion Ratio Lower Upper

113 100

55 157.8 163.3 203.3#

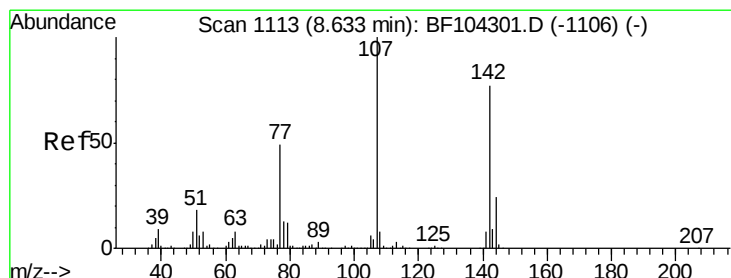
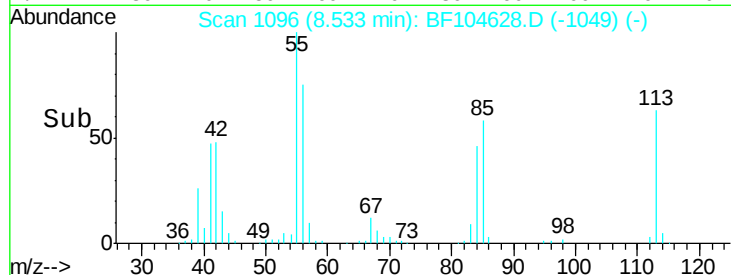
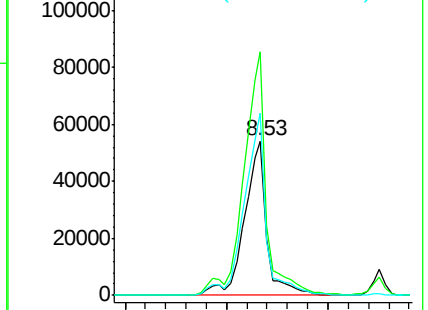
56 118.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.126 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

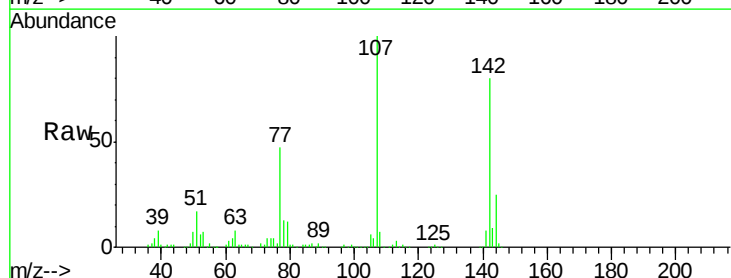
Tgt Ion:107 Resp: 241856

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

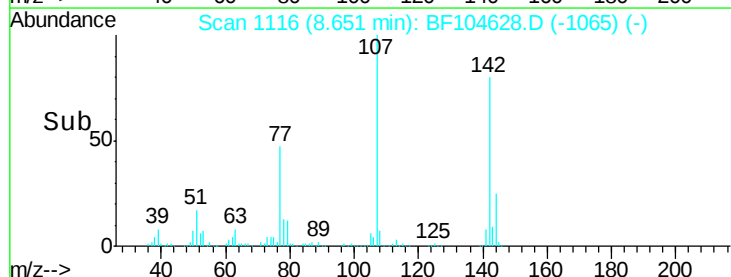
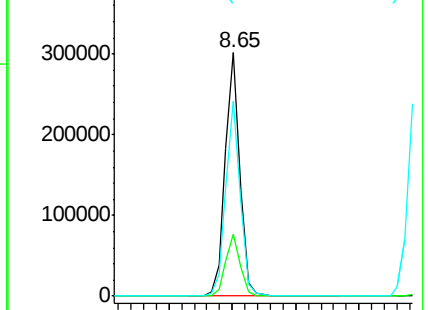
142 79.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

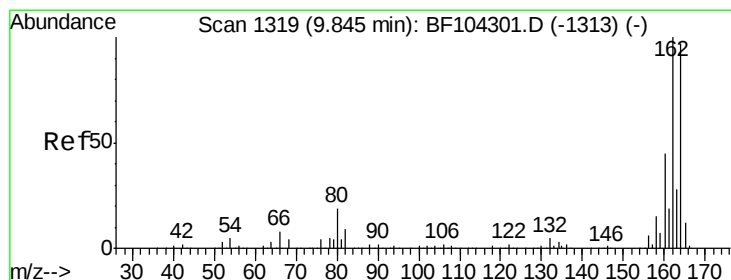
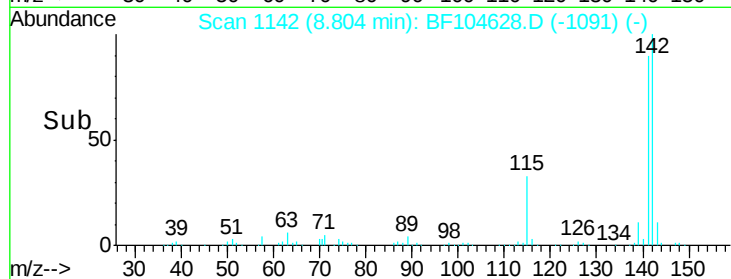
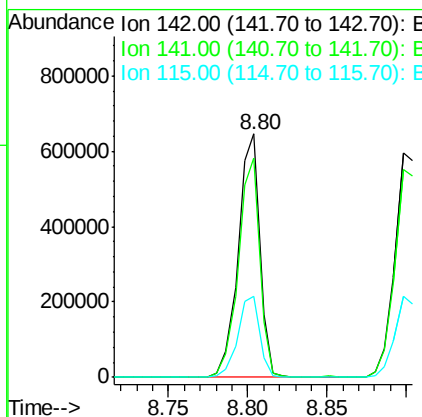
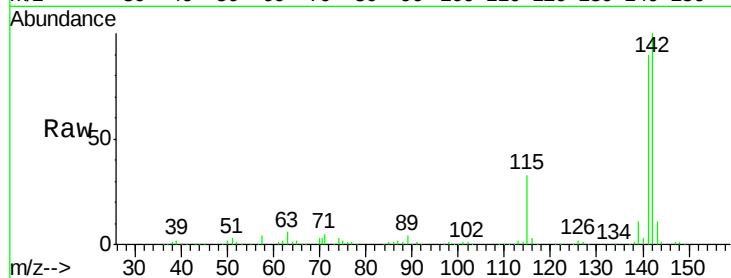




#37
 2-Methylnaphthalene
 Concen: 36.851 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

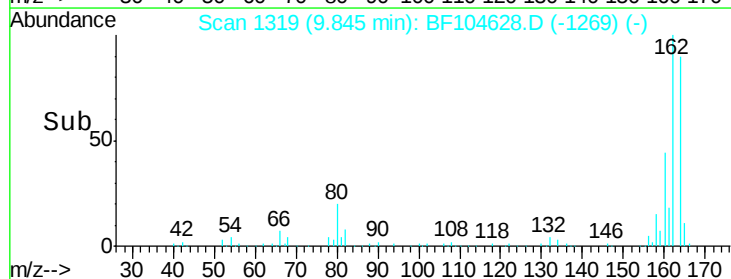
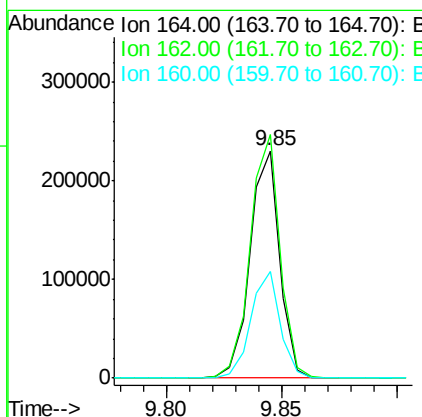
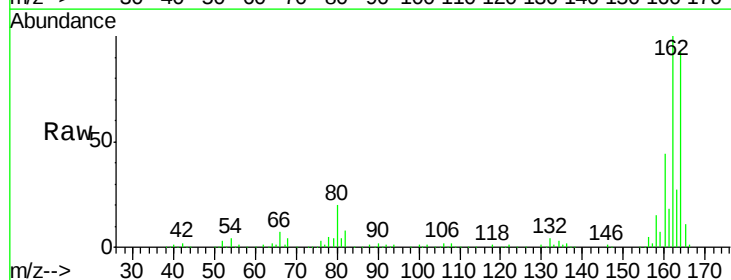
Instrument :
 BNA_F
 ClientSampleId :

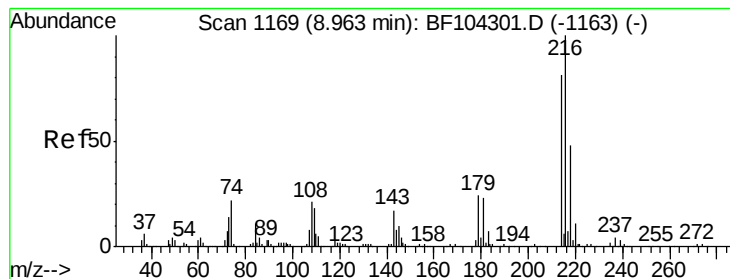
Tot Ion:142 Resp: 611105
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 33.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:164 Resp: 206755
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 47.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.825 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 259378

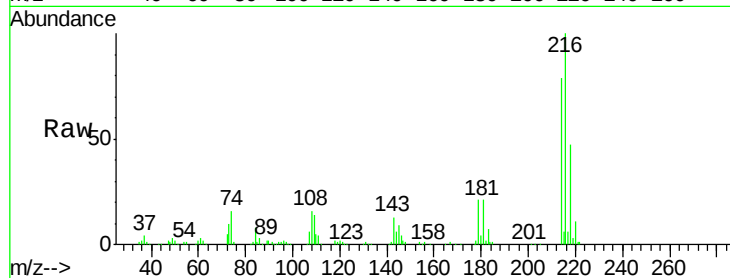
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.0 18.1 27.1

108 21.7 17.2 25.8

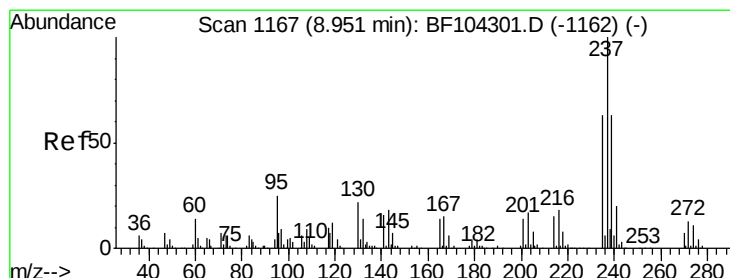
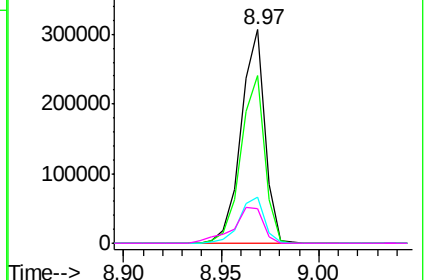
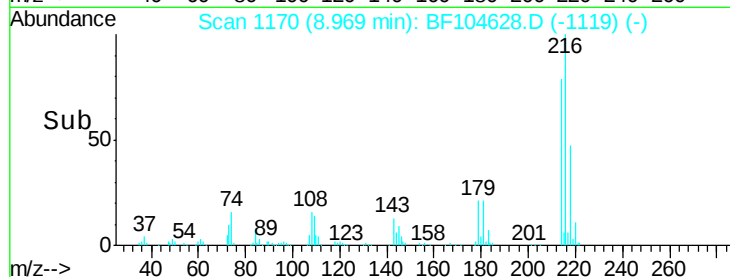


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.236 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

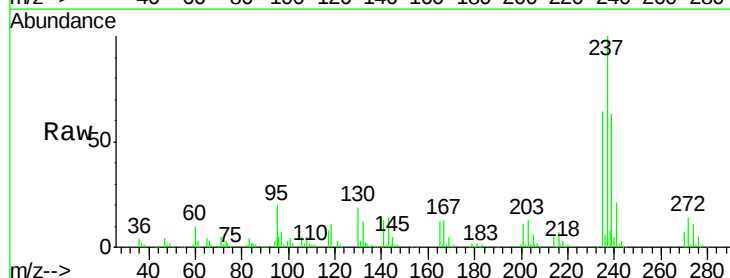
Tgt Ion:237 Resp: 219467

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

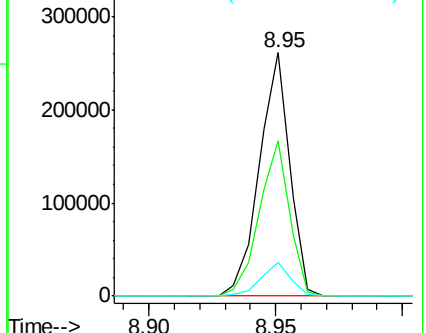
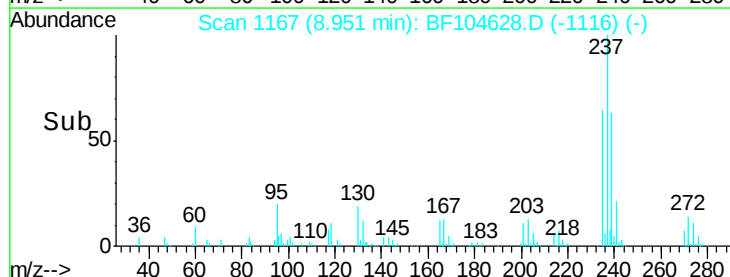
272 14.0 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

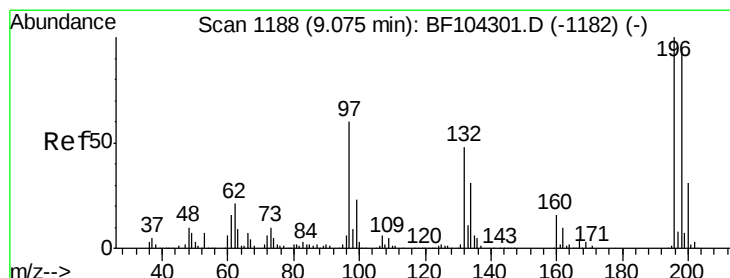
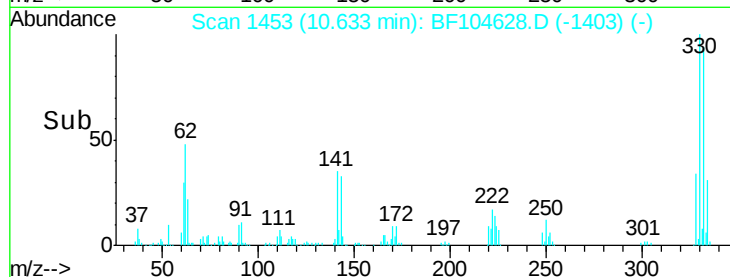
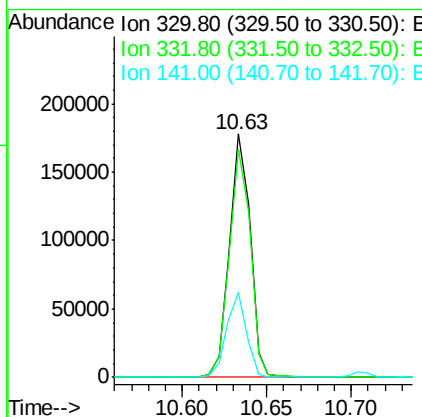
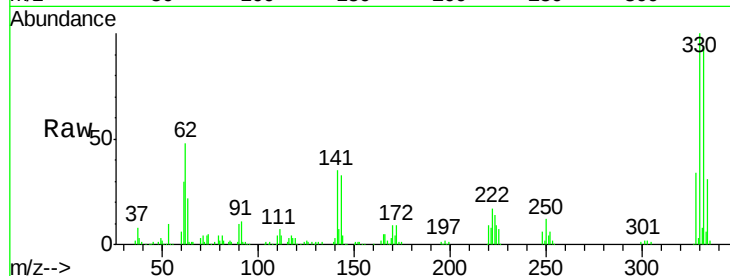




#41
 2,4,6-Tribromophenol
 Concen: 70.742 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

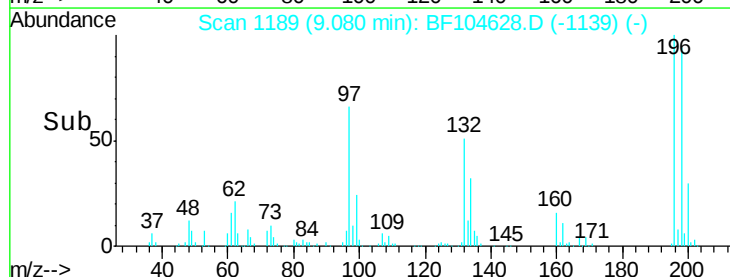
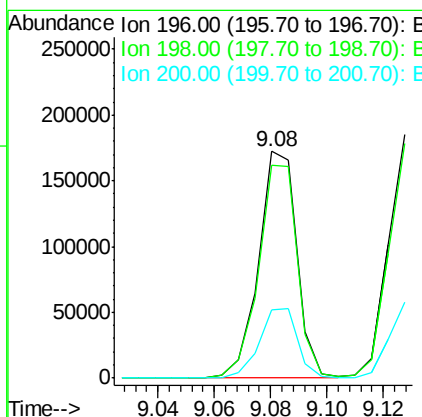
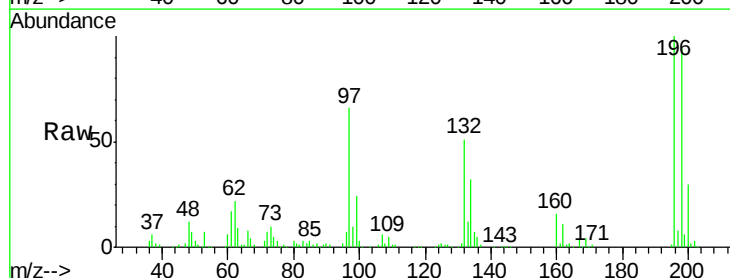
Instrument :
 BNA_F
 ClientSampleId :

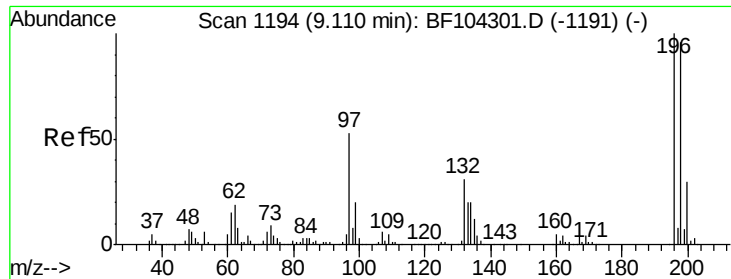
Tot Ion:330 Resp: 151723
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.536 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:196 Resp: 162434
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.1 24.5 36.7

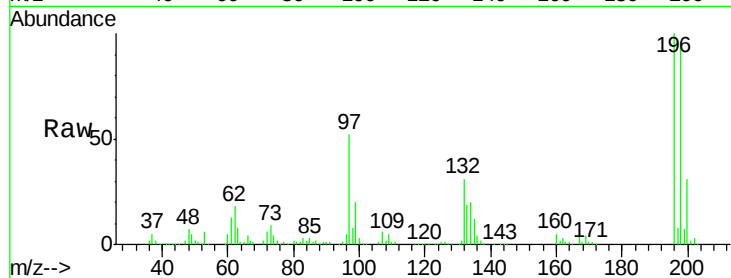




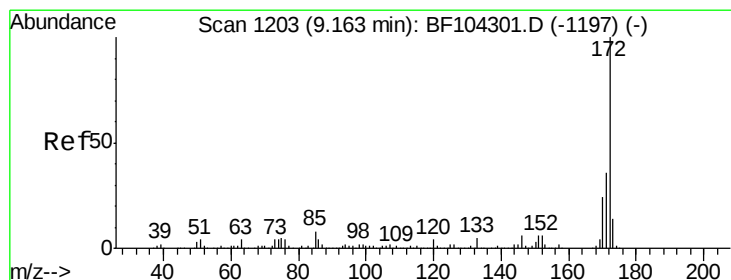
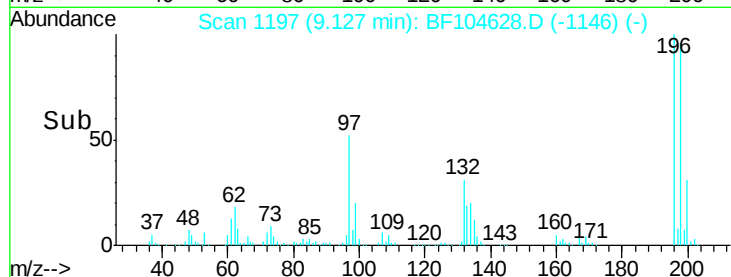
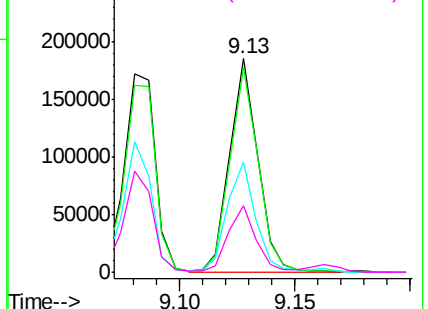
#43
 2,4,5-Trichlorophenol
 Concen: 34.210 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 157284
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 51.5 42.9 64.3
 132 31.0 26.3 39.5

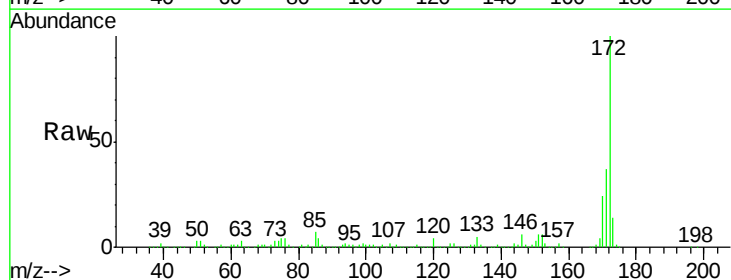


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

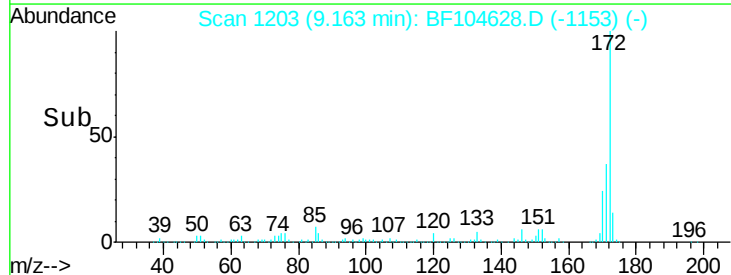
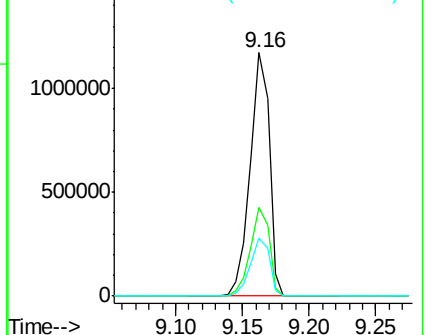


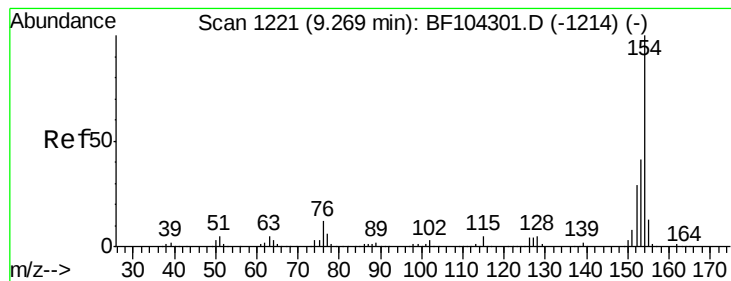
#44
 2-Fluorobiphenyl
 Concen: 87.905 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:172 Resp: 1150481
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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: 39.932 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampled :

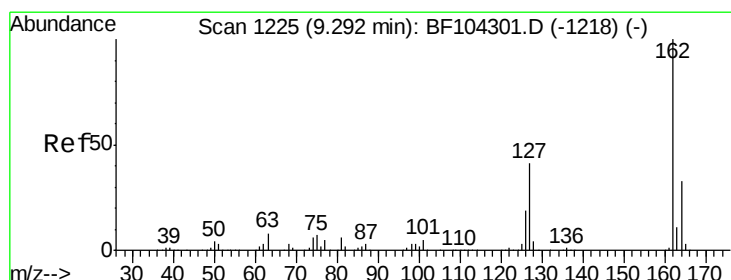
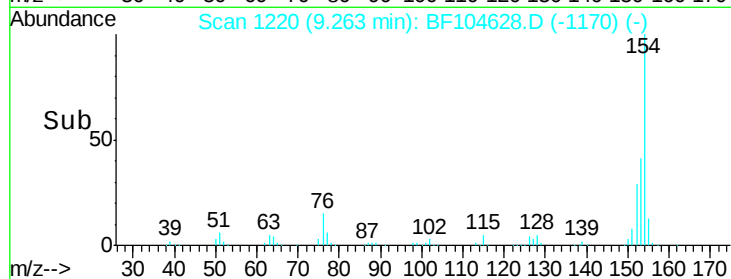
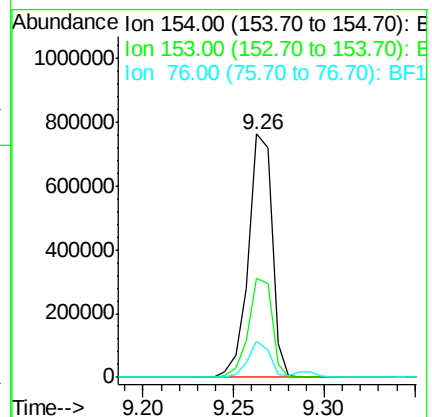
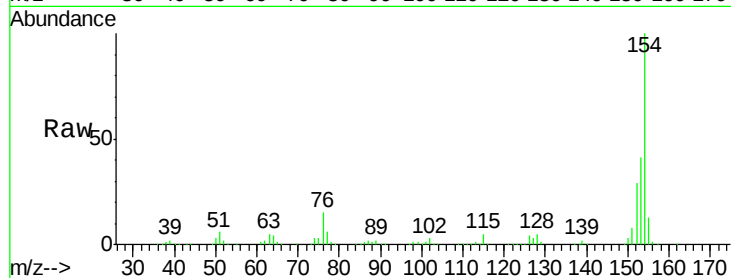
Tot Ion:154 Resp: 693570

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

76 14.8 0.0 34.0



#46

2-Chloronaphthalene

Concen: 39.598 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

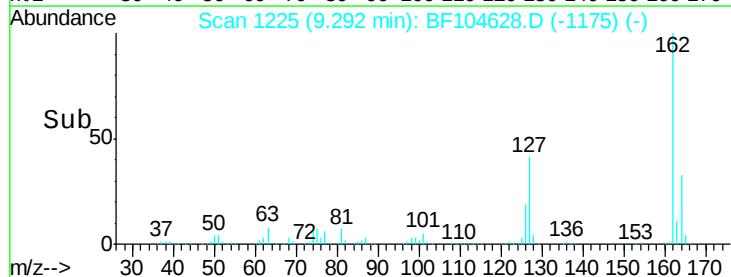
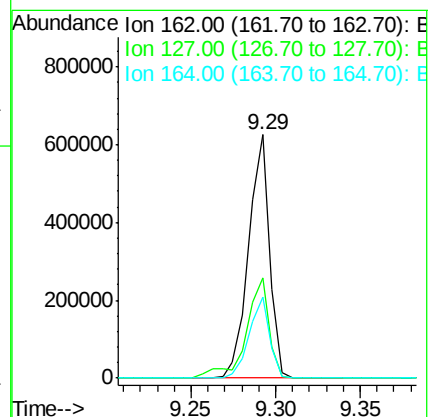
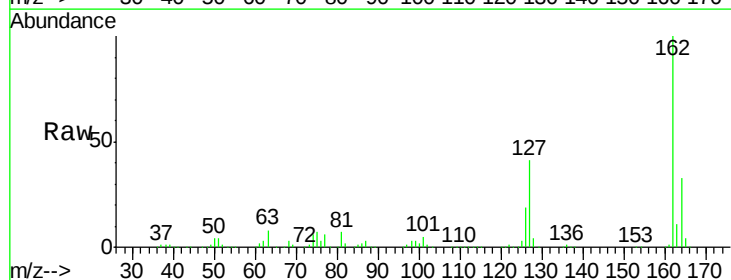
Tgt Ion:162 Resp: 543251

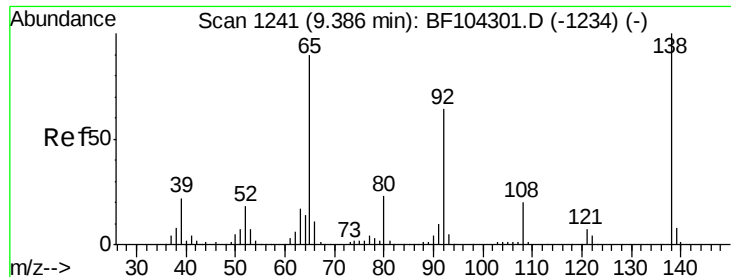
Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

164 33.2 26.5 39.7

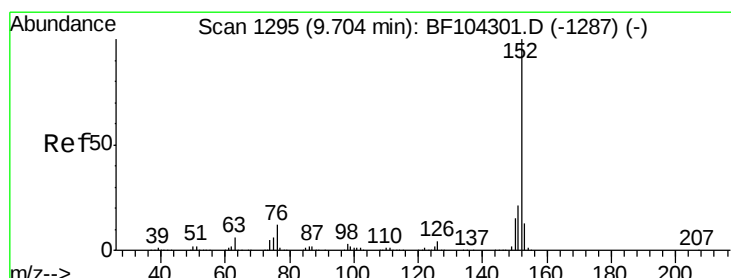
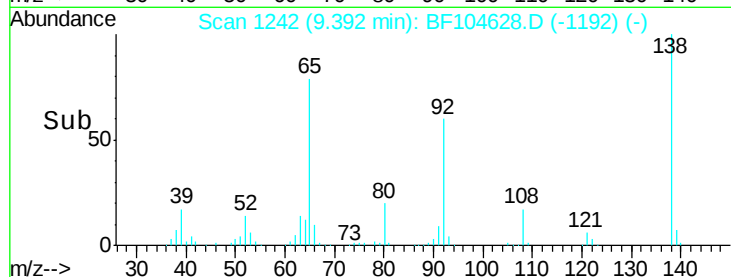
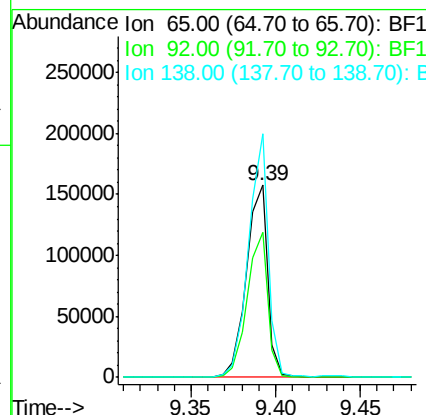
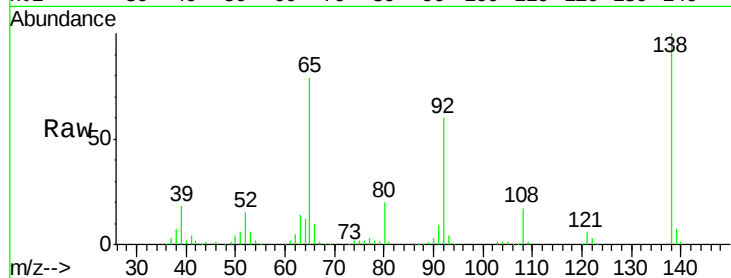




#47
 2-Nitroaniline
 Concen: 40.924 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

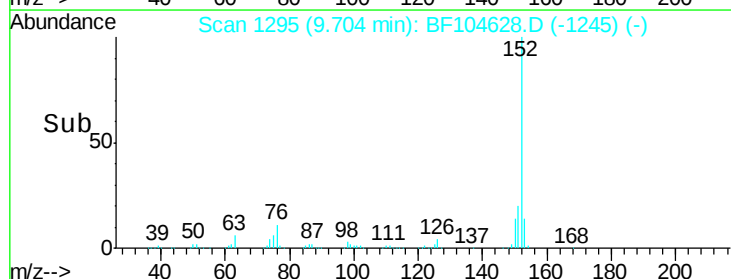
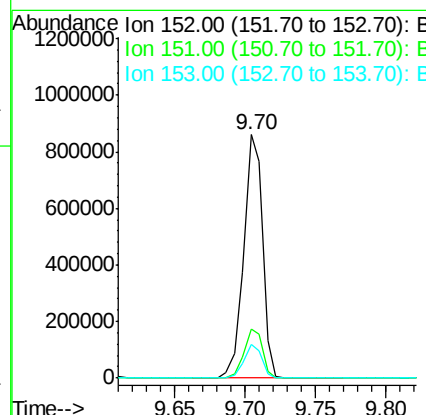
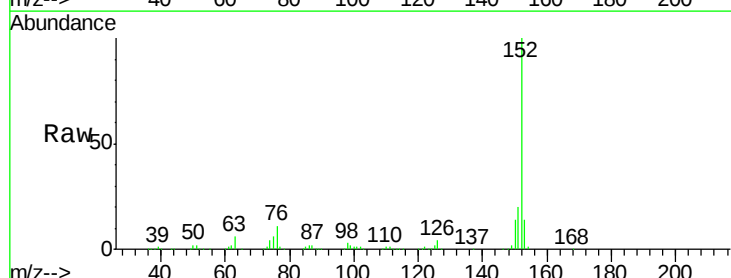
Instrument :
 BNA_F
 ClientSampleId :

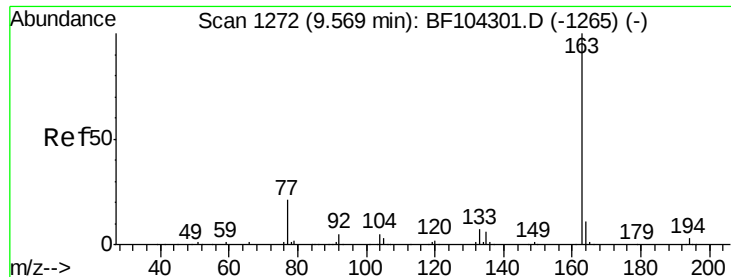
Tot Ion: 65 Resp: 138846
 Ion Ratio Lower Upper
 65 100
 92 75.6 55.8 83.6
 138 126.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.937 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion: 152 Resp: 795068
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.6 10.7 16.1

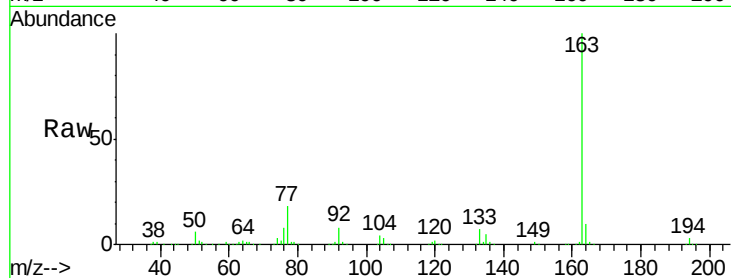




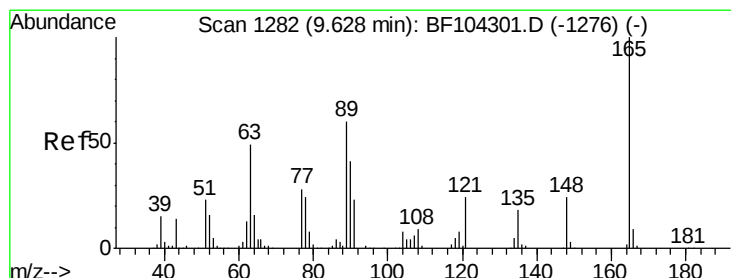
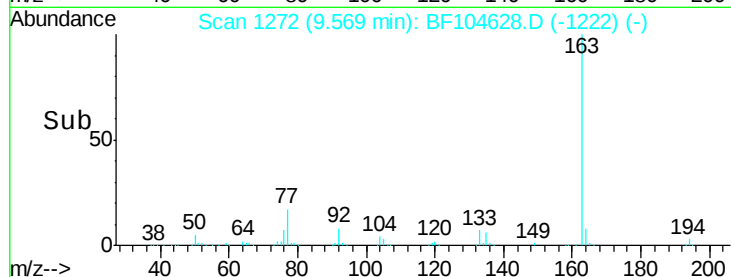
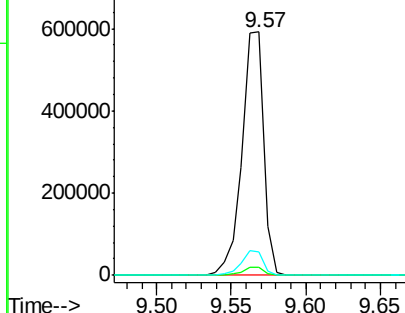
#49
Dimethylphthalate
Concen: 36.745 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 599098
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 8.2 12.2

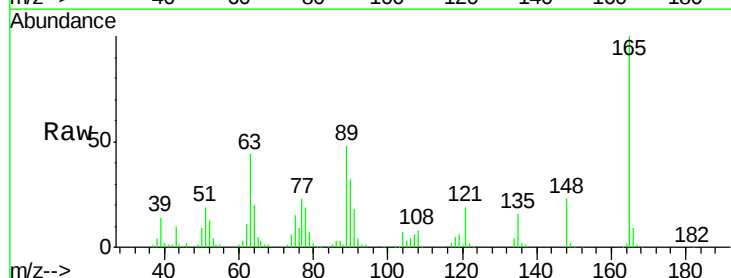


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

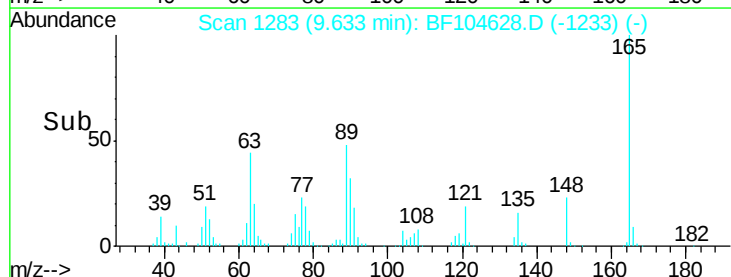
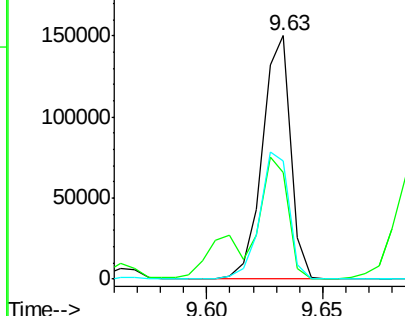


#50
2,6-Dinitrotoluene
Concen: 42.467 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:165 Resp: 128118
Ion Ratio Lower Upper
165 100
63 44.0 44.7 67.1#
89 48.3 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: 35.389 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

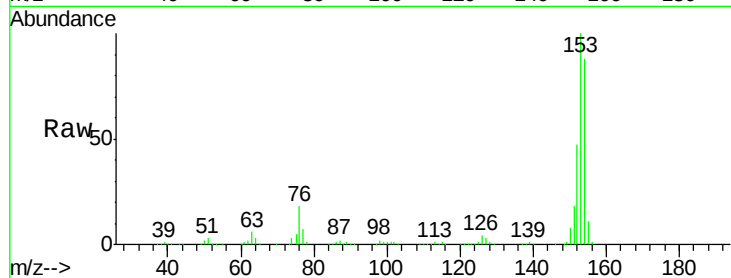
Tot Ion:154 Resp: 464767

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

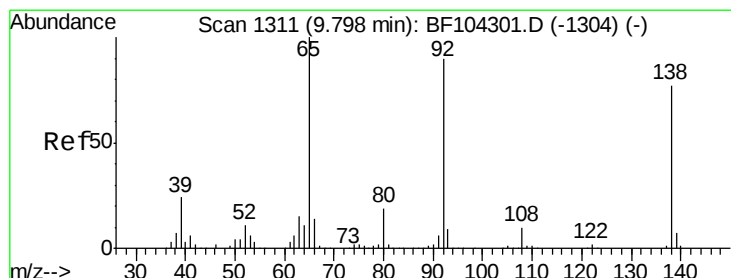
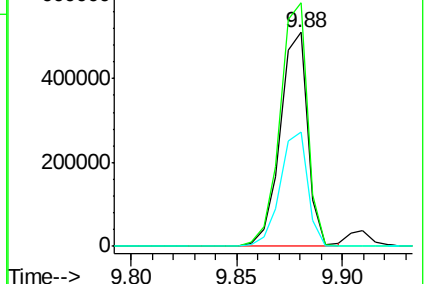
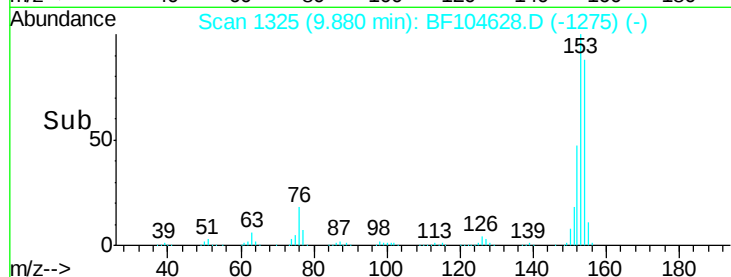
152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.298 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

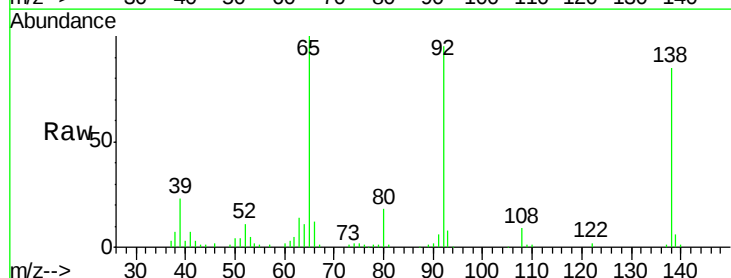
Tgt Ion:138 Resp: 57563

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

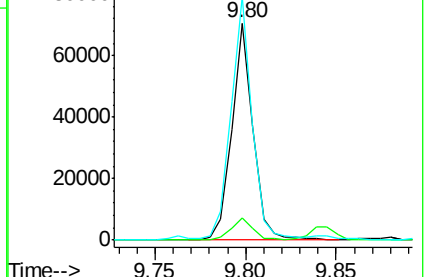
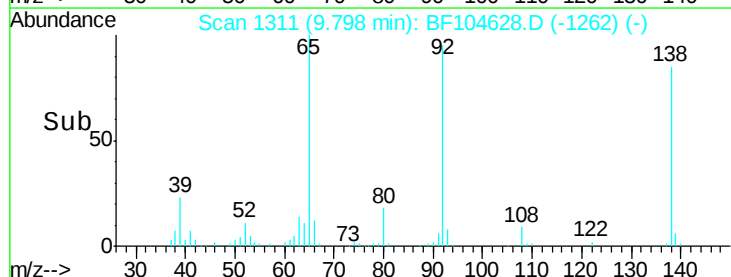
92 112.2 89.4 134.2

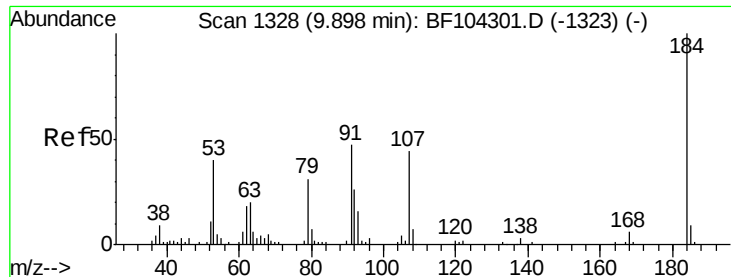


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

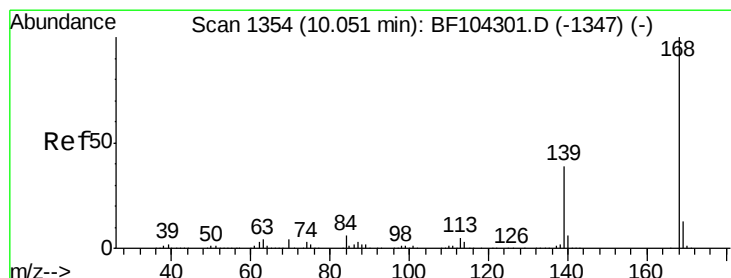
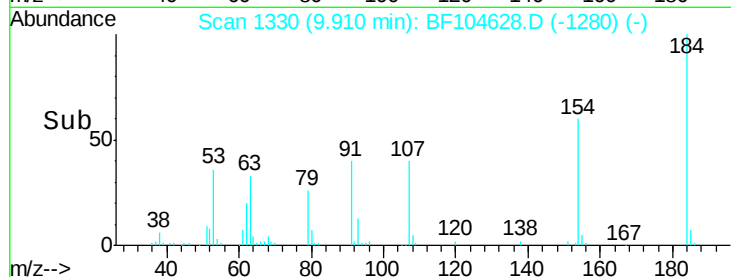
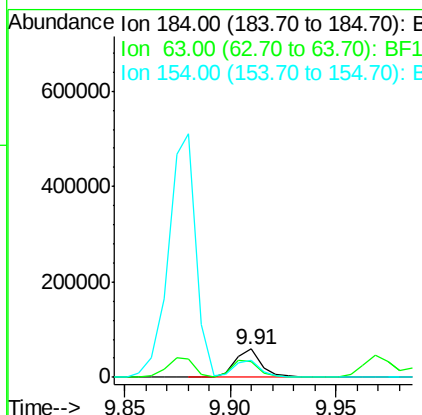
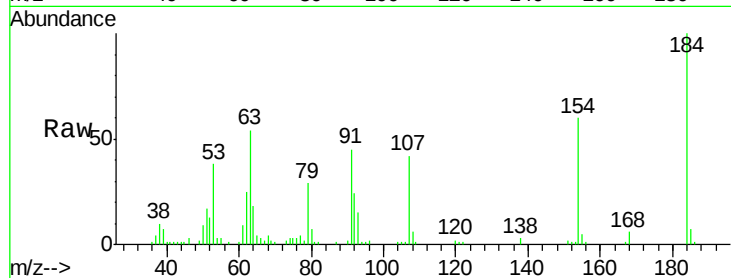




#53
 2,4-Dinitrophenol
 Concen: 50.507 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

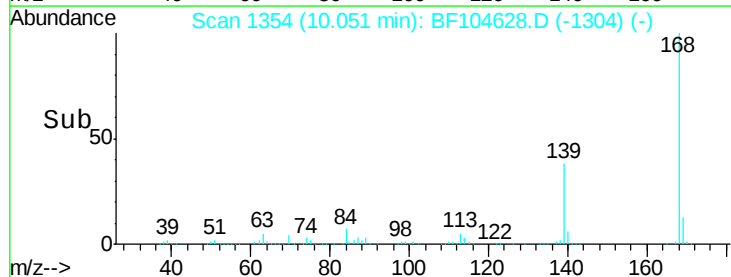
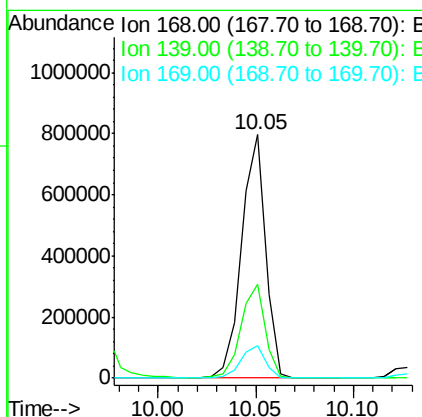
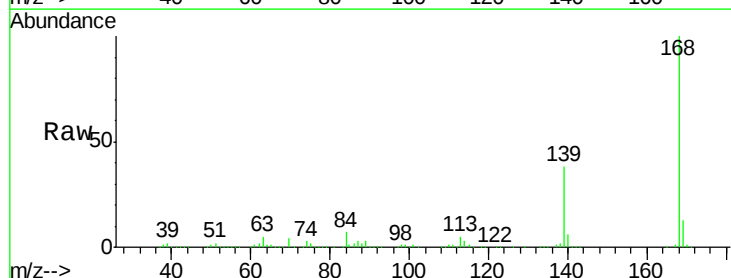
Instrument :
 BNA_F
 ClientSampleId :

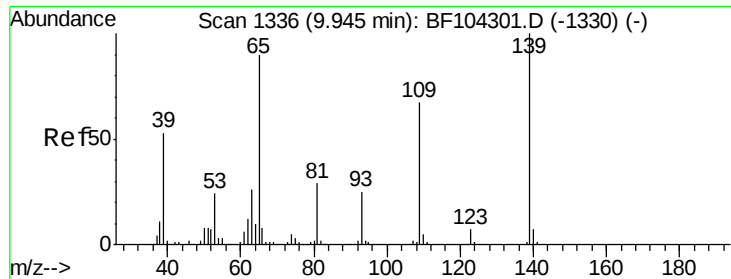
Tot Ion:184 Resp: 51277
 Ion Ratio Lower Upper
 184 100
 63 53.8 54.2 81.2#
 154 60.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.119 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:168 Resp: 679374
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 13.3 10.9 16.3

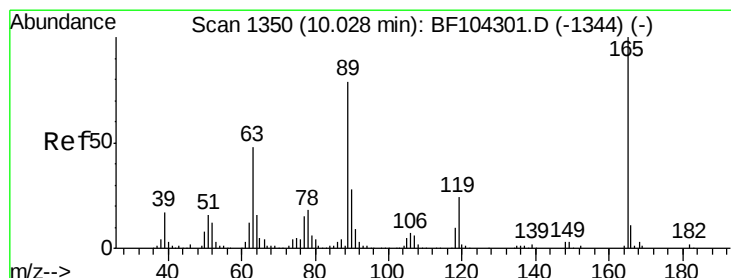
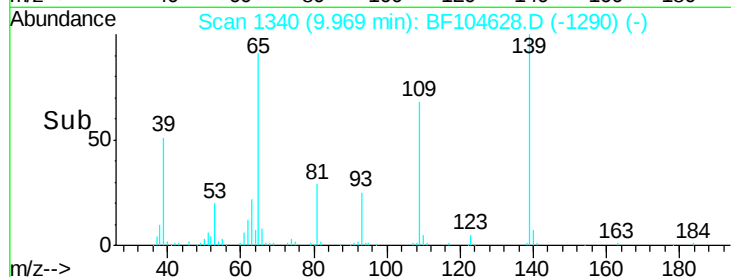
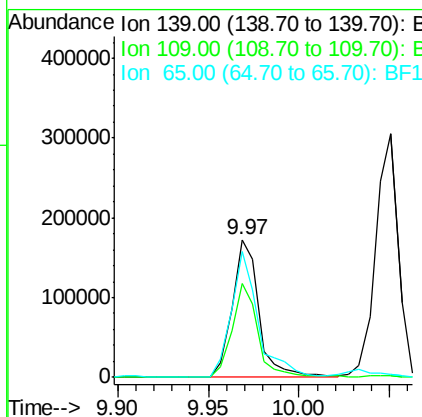
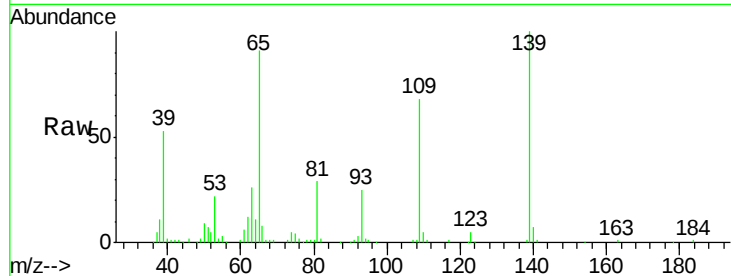




#55
4-Nitrophenol
Concen: 63.941 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

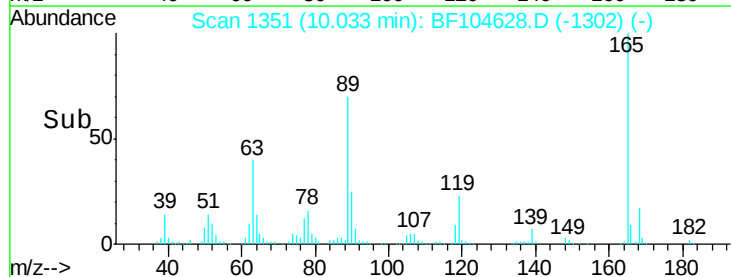
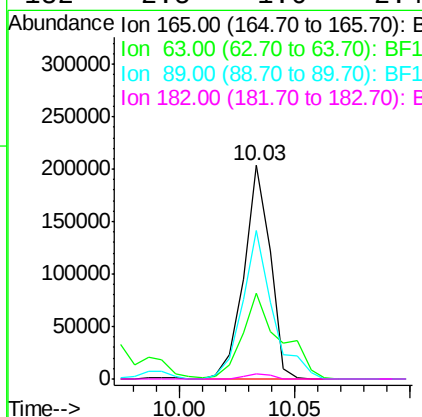
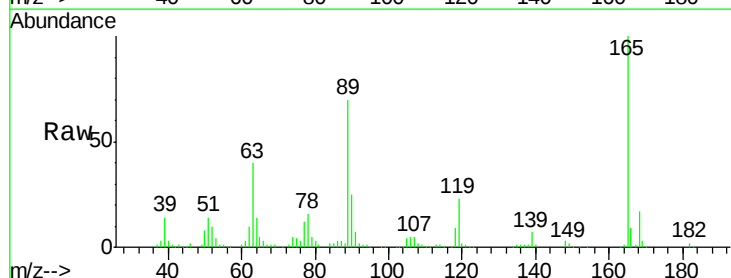
Instrument :
BNA_F
ClientSampleId :

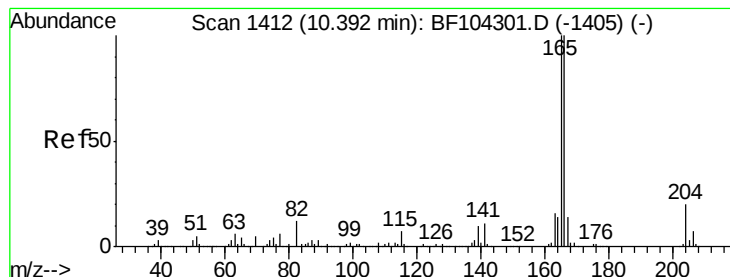
Tot Ion:139 Resp: 177399
Ion Ratio Lower Upper
139 100
109 67.8 48.4 88.4
65 91.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.138 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:165 Resp: 162796
Ion Ratio Lower Upper
165 100
63 40.2 36.4 54.6
89 69.7 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 38.660 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

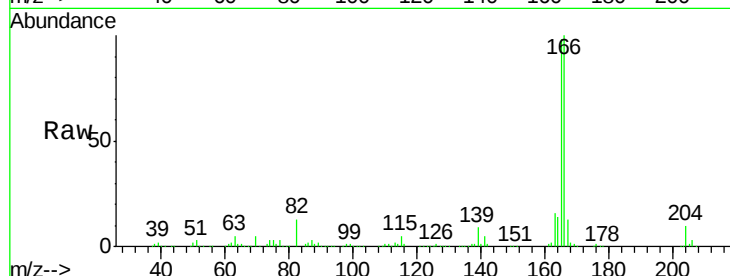
Tot Ion:166 Resp: 515021

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

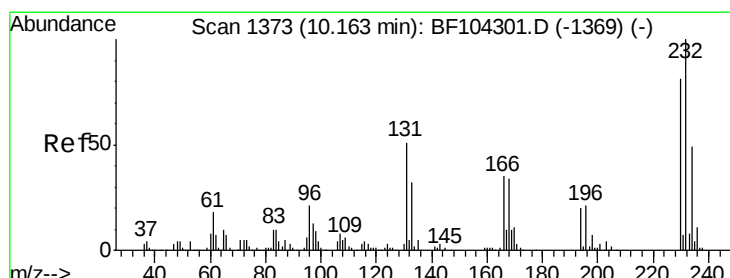
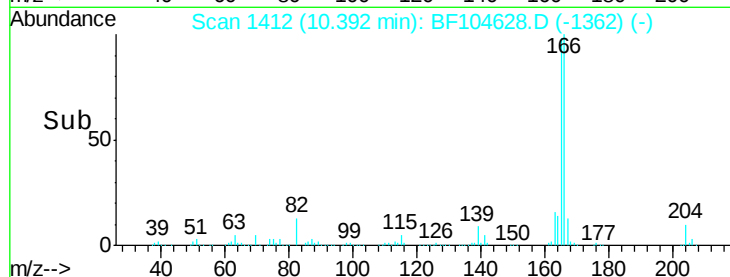
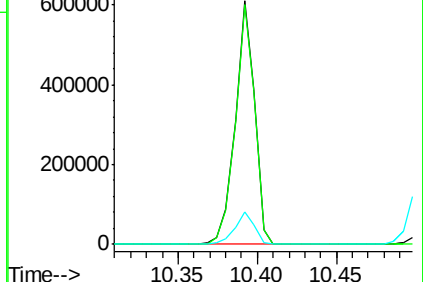
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.386 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Tgt Ion:232 Resp: 121374

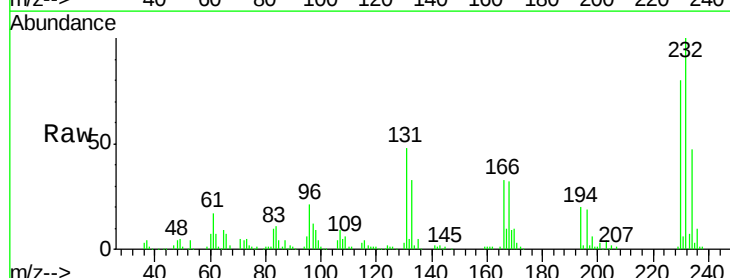
Ion Ratio Lower Upper

232 100

131 48.9 43.8 65.8

130 2.5 2.1 3.1

166 32.1 27.8 41.6

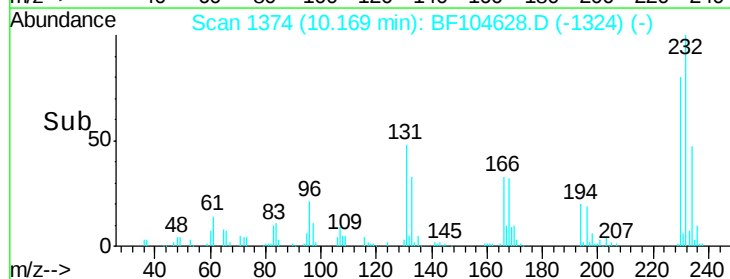
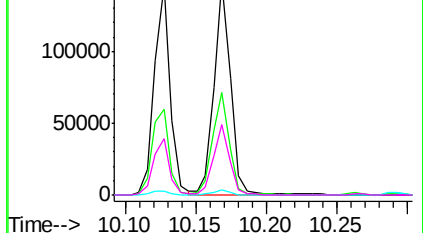


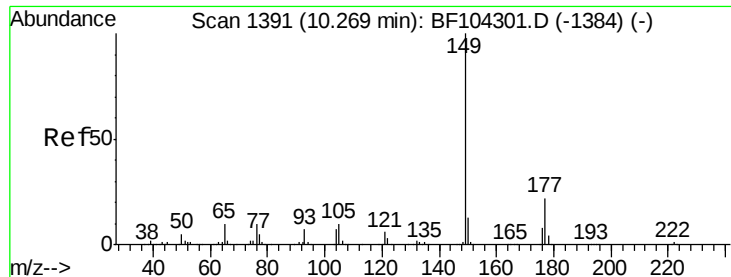
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

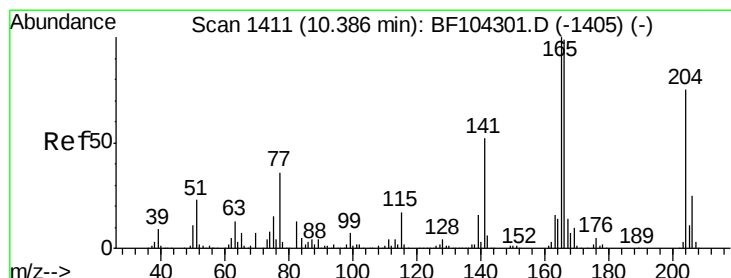
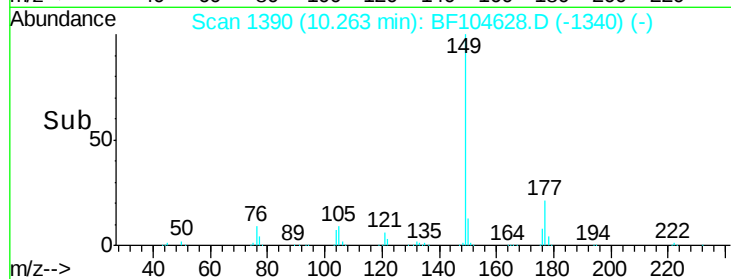
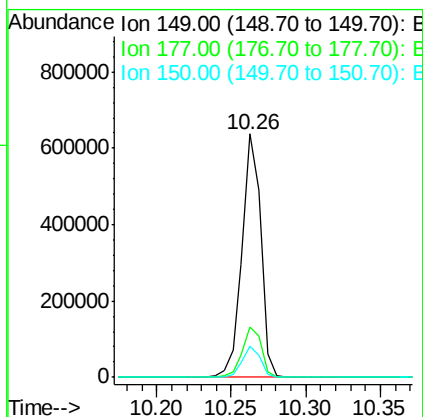
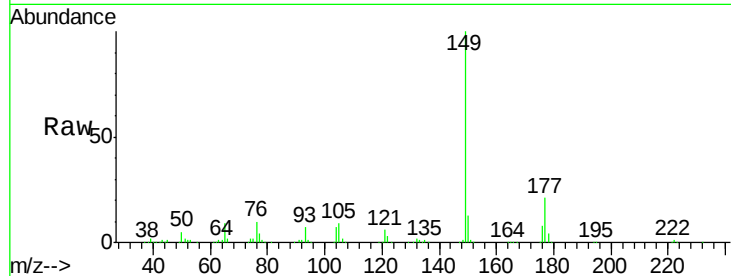




#59
Diethylphthalate
Concen: 34.403 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

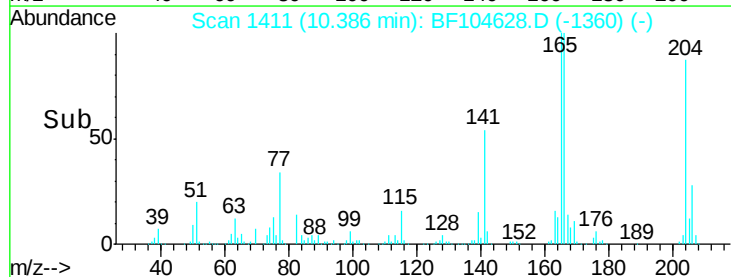
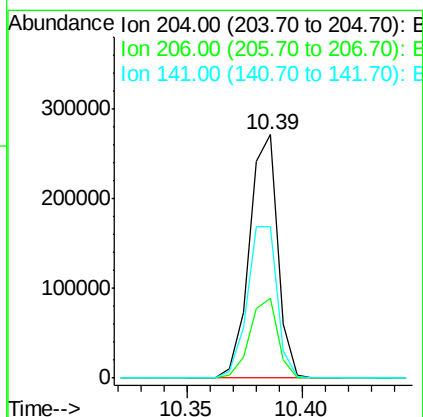
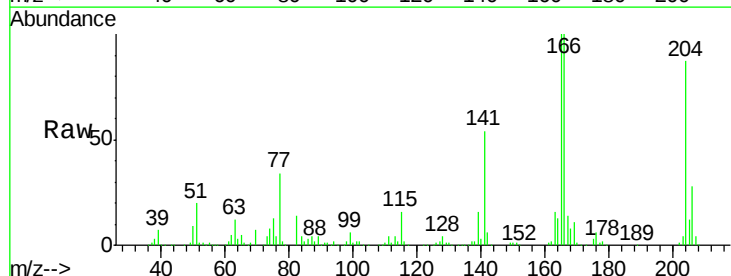
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 558640
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.287 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:204 Resp: 233083
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.2 54.6 81.8

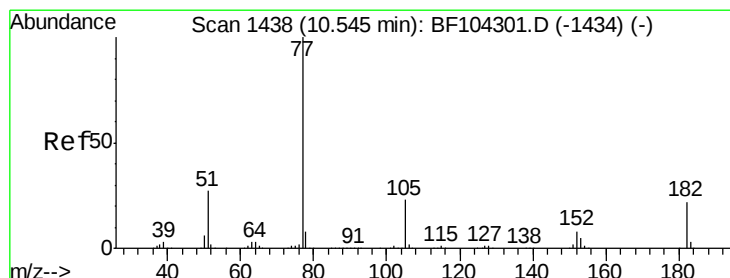
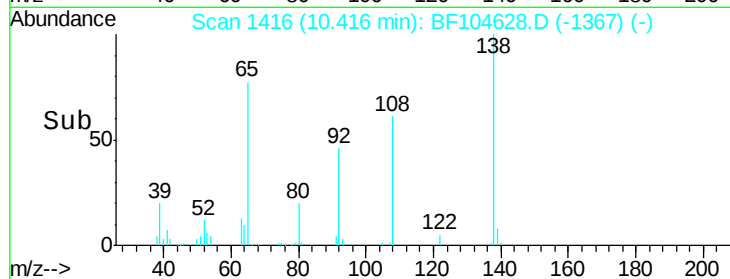
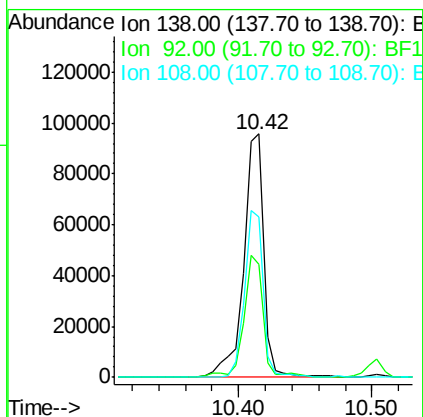
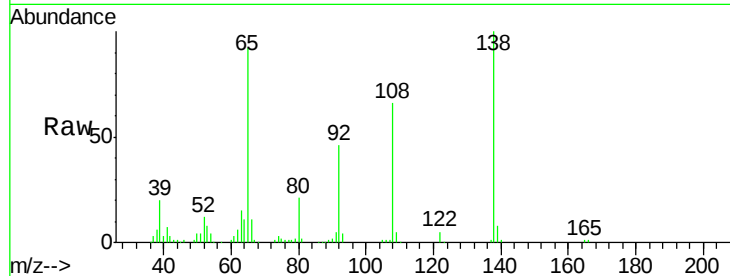




#61
4-Nitroaniline
Concen: 28.772 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

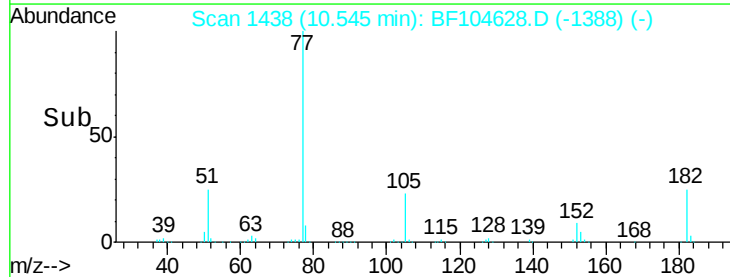
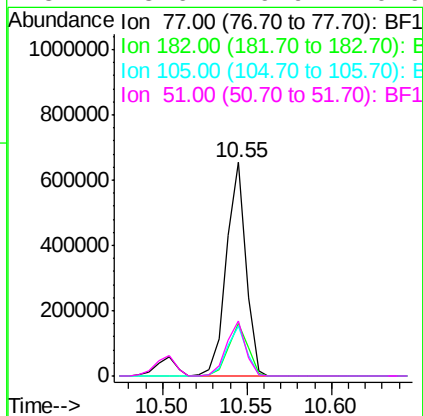
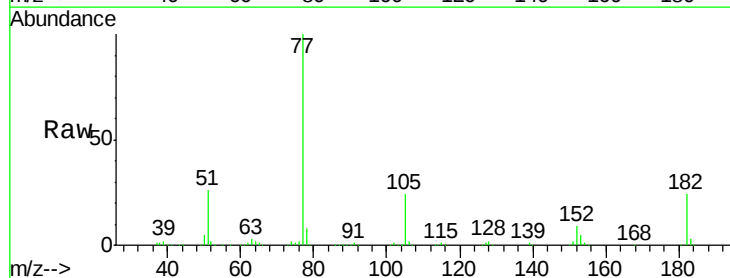
Instrument :
BNA_F
ClientSampleId :

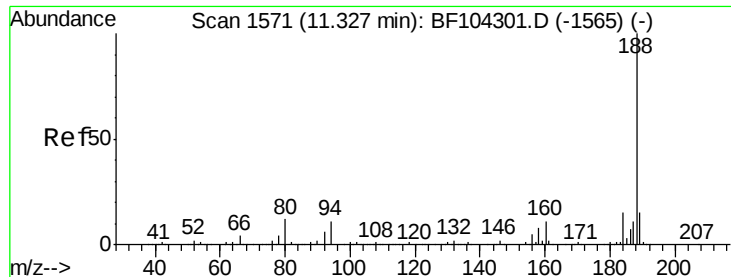
Tot Ion:138 Resp: 99361
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 33.710 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion: 77 Resp: 522966
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 23.6 3.0 43.0
51 25.6 9.9 49.9

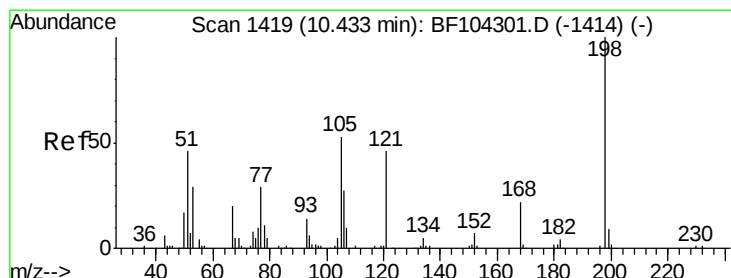
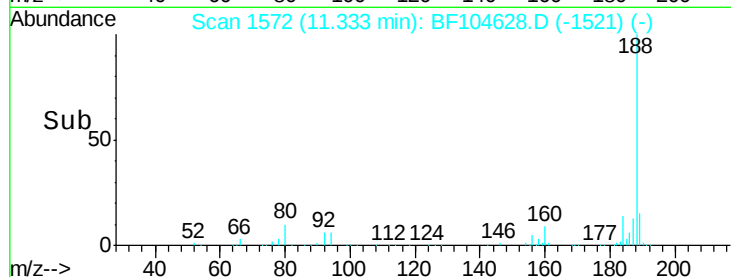
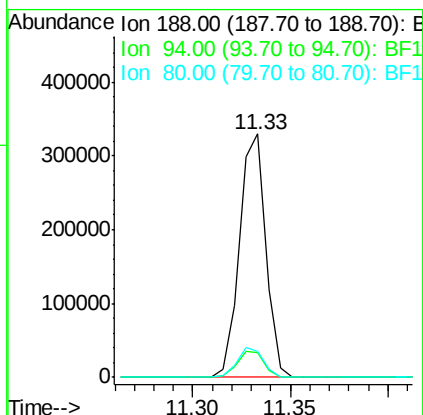
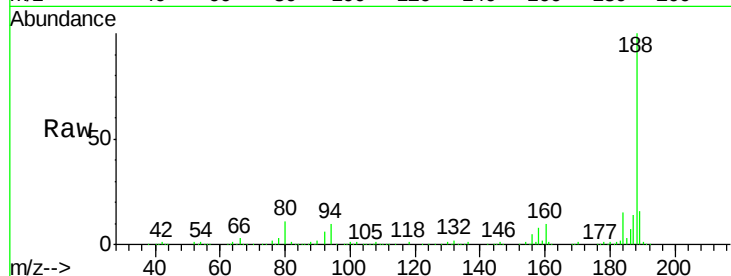




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

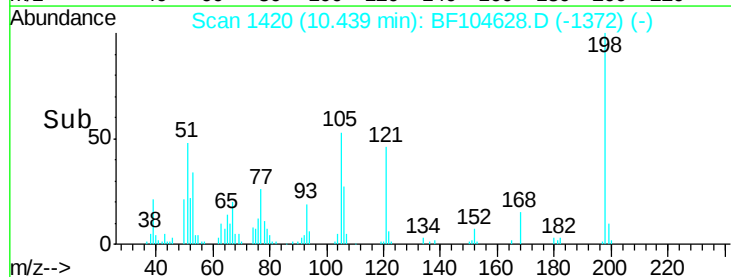
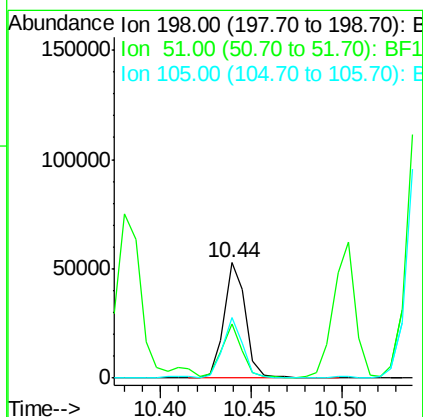
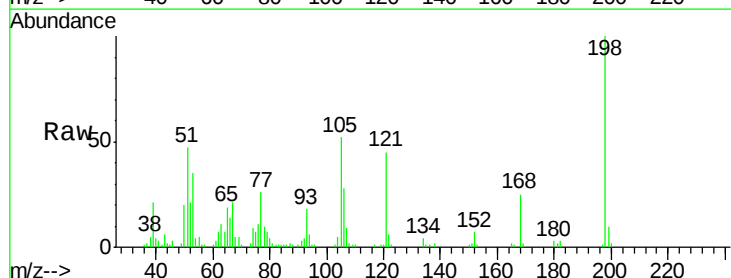
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 307882
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.014 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:198 Resp: 43671
 Ion Ratio Lower Upper
 198 100
 51 47.1 37.7 77.7
 105 52.1 36.3 76.3

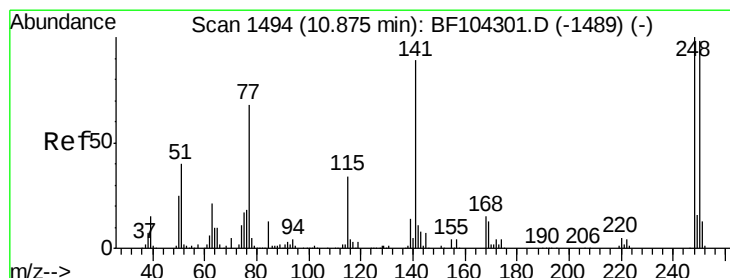
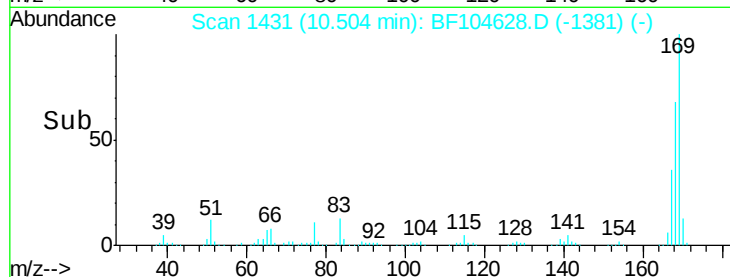
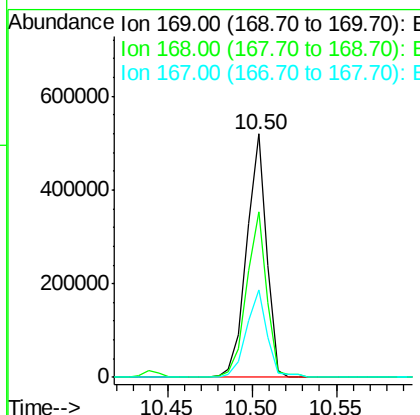
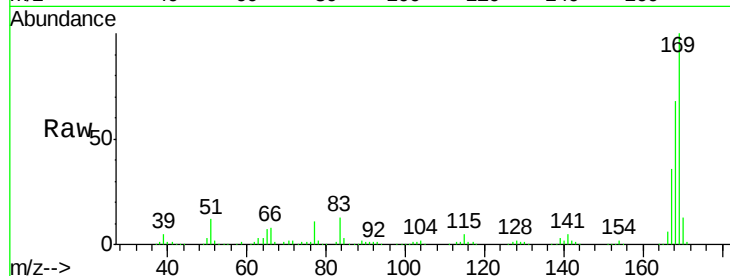




#65
n-Nitrosodiphenylamine
Concen: 40.303 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

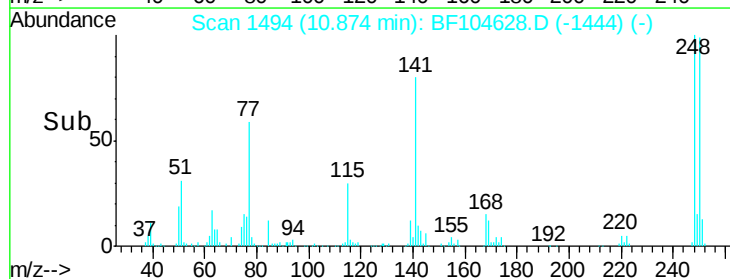
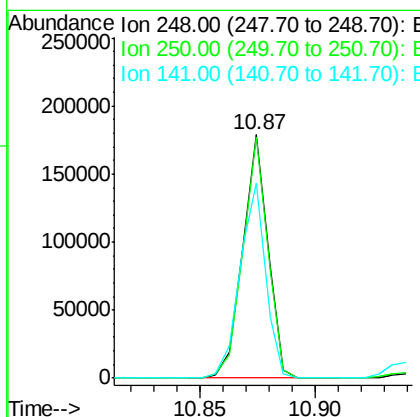
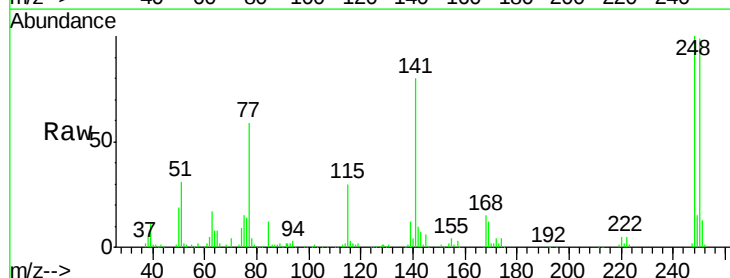
Instrument :
BNA_F
ClientSampleId :

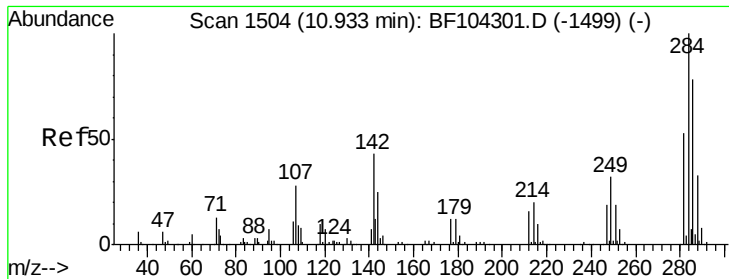
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	36.0	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 41.892 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.9	115.3
141	80.0	74.4	111.6

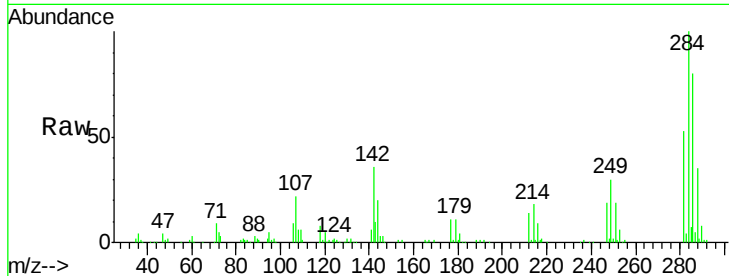




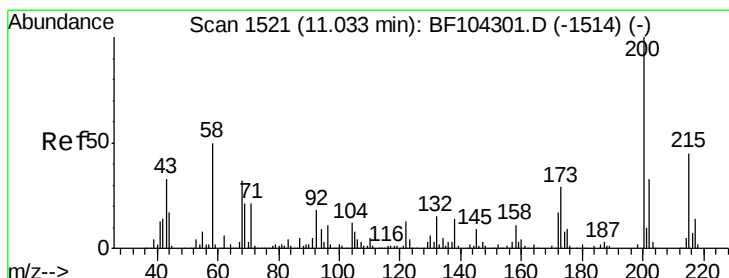
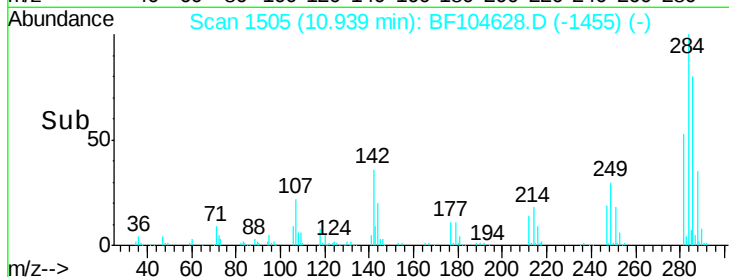
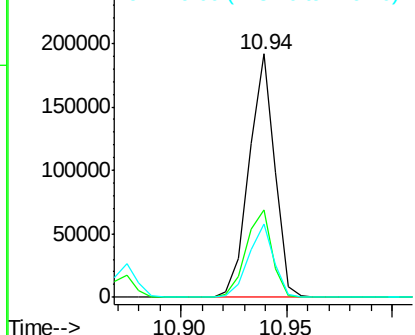
#67
Hexachlorobenzene
Concen: 43.710 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	34.6	52.0
249	30.3	24.8	37.2

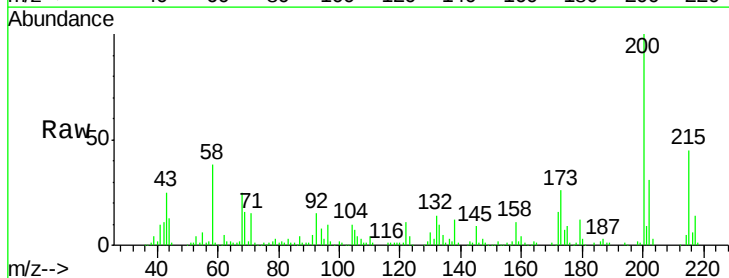


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

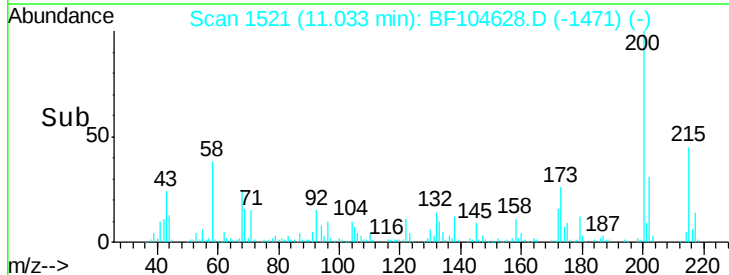
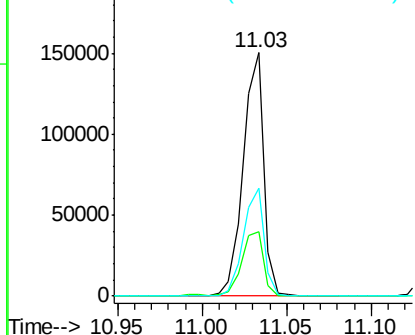


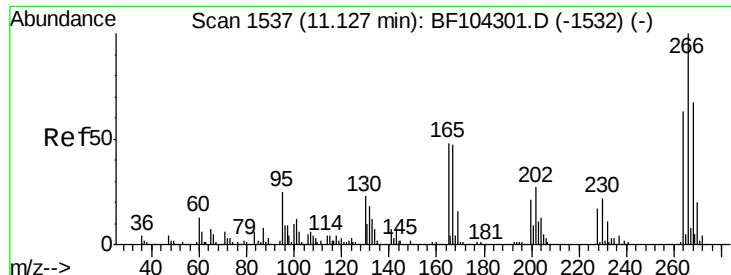
#68
Atrazine
Concen: 39.564 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	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

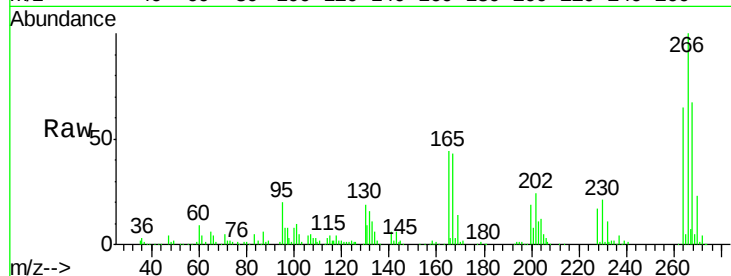




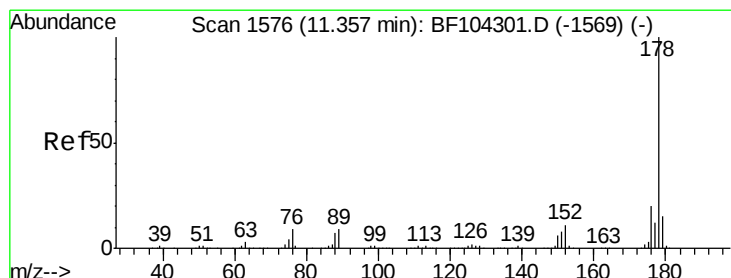
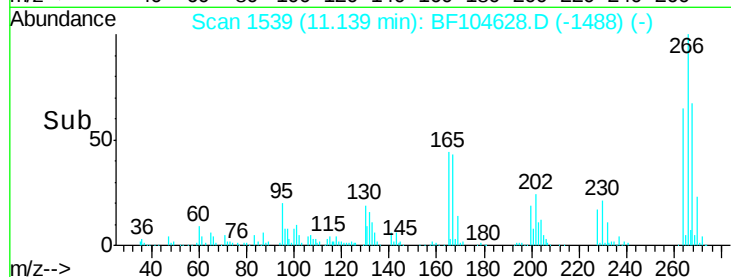
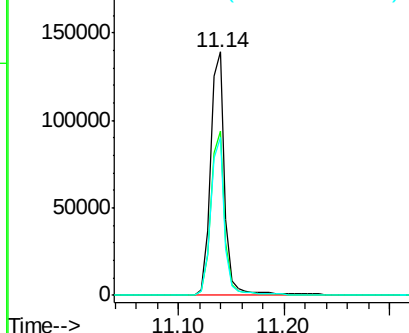
#69
 Pentachlorophenol
 Concen: 58.614 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 133621
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.1 76.7
 264 65.0 49.5 74.3

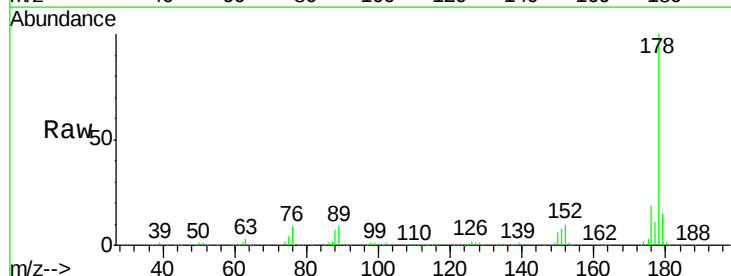


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

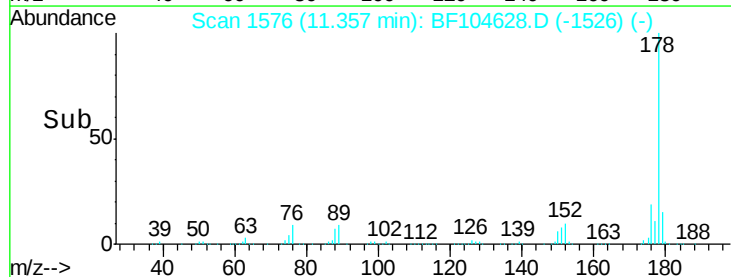
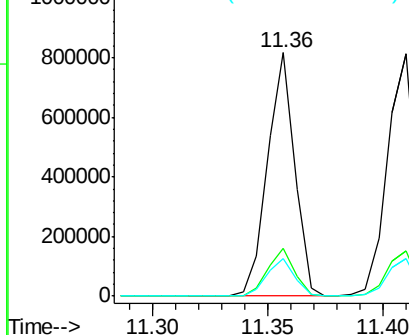


#70
 Phenanthrene
 Concen: 39.095 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:178 Resp: 670305
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 13.0 19.6



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

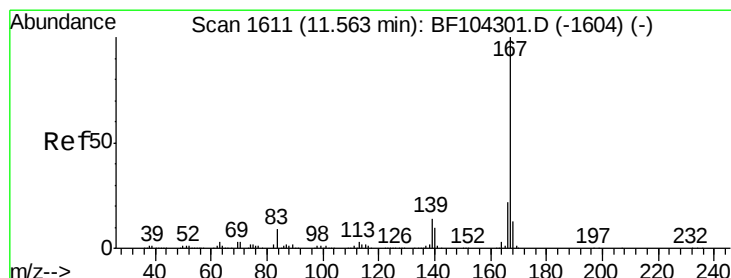
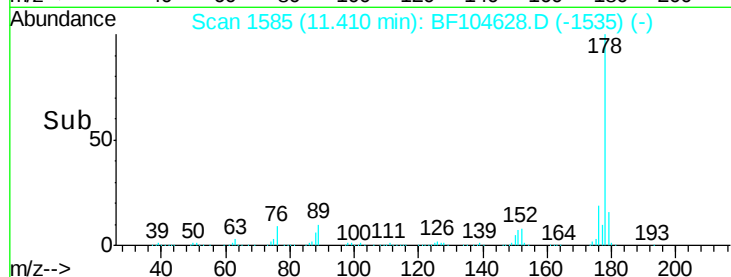
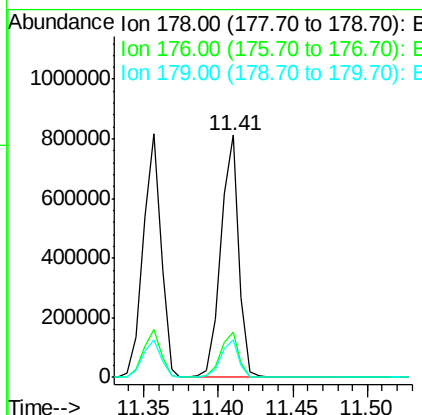
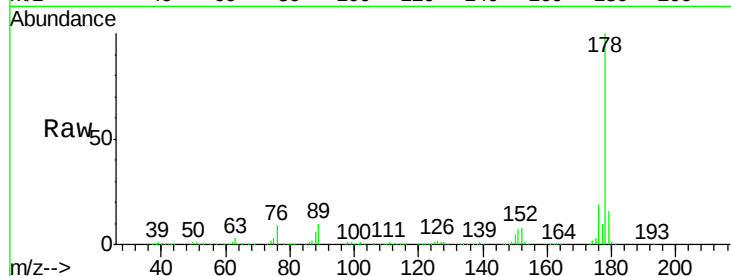




#71
 Anthracene
 Concen: 39.391 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

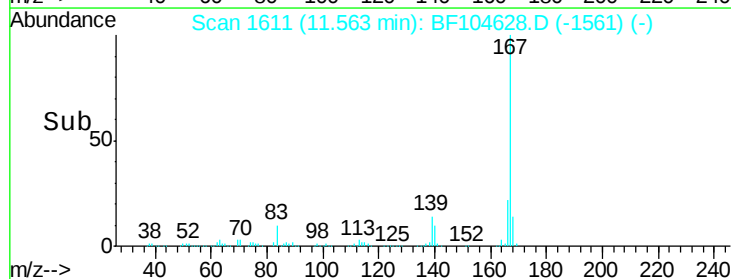
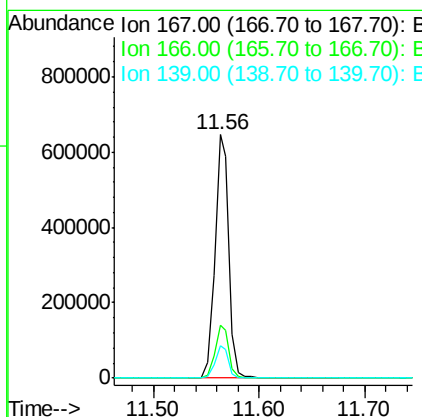
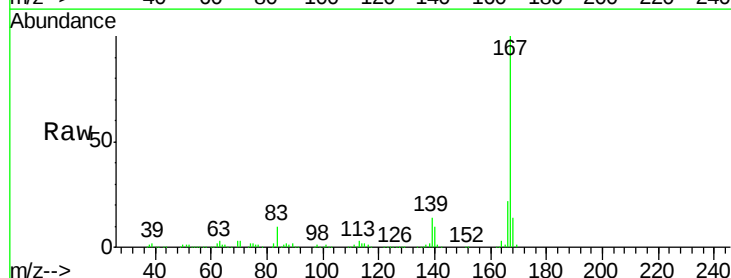
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 686533
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 35.402 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion:167 Resp: 602926
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.694 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

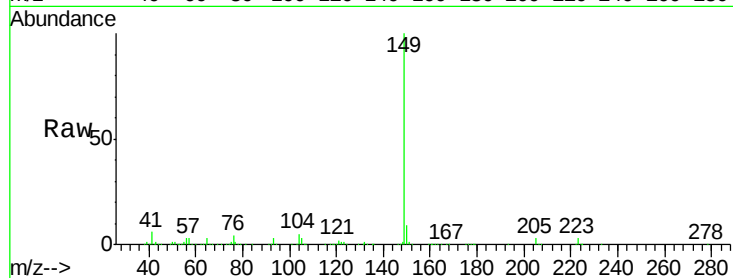
Tot Ion:149 Resp: 763391

Ion Ratio Lower Upper

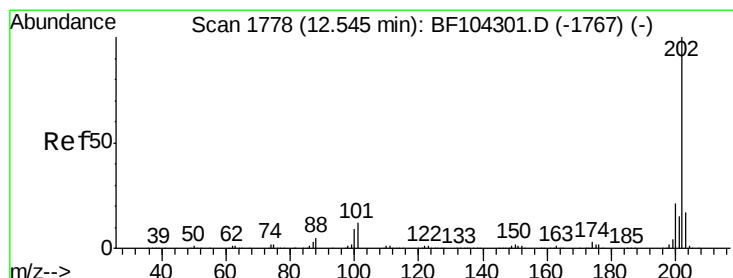
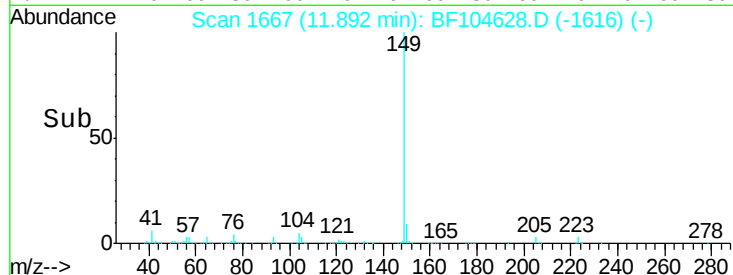
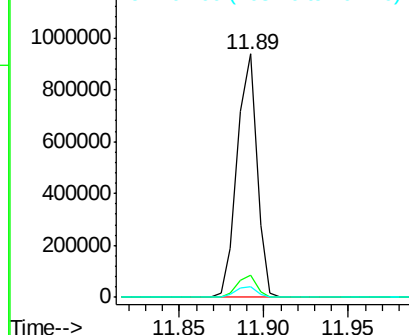
149 100

150 9.1 7.8 11.6

104 4.5 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: 37.169 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

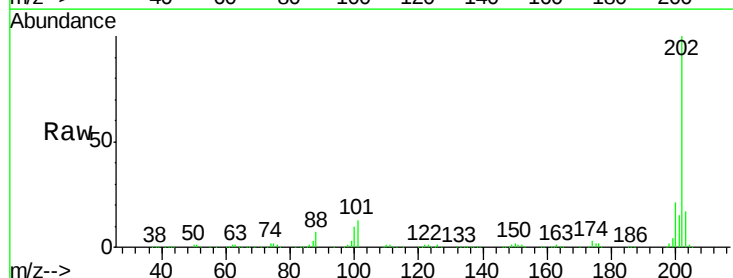
Tgt Ion:202 Resp: 665846

Ion Ratio Lower Upper

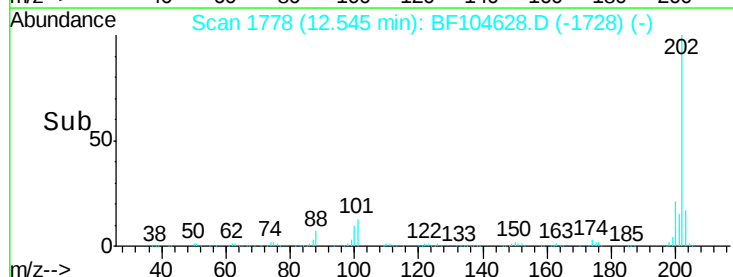
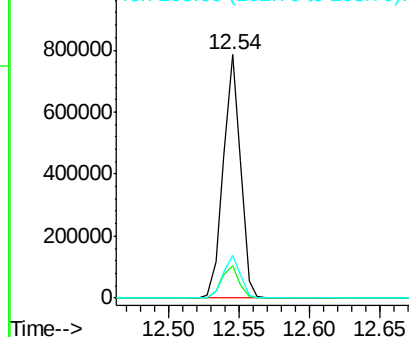
202 100

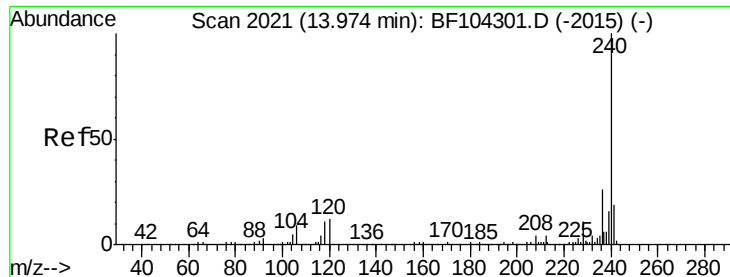
101 13.3 0.0 34.1

203 17.4 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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

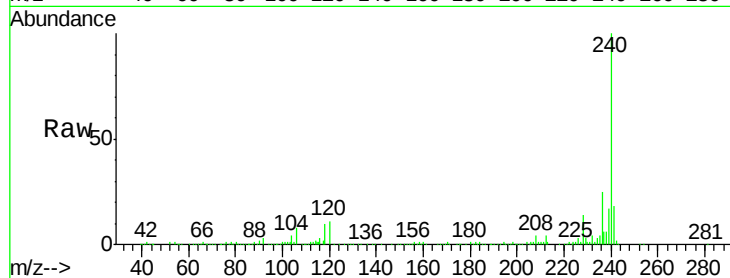
Tot Ion:240 Resp: 264534

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

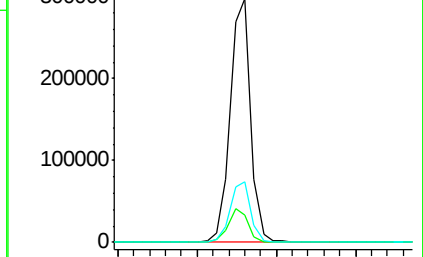
236 25.0 20.7 31.1



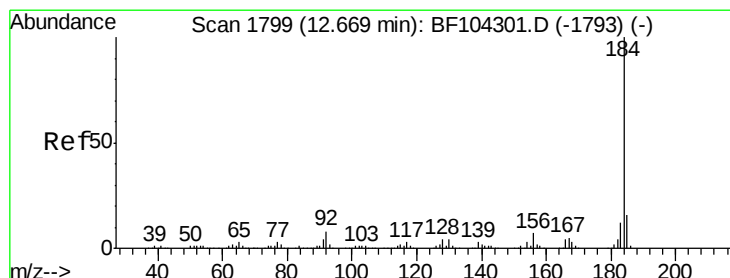
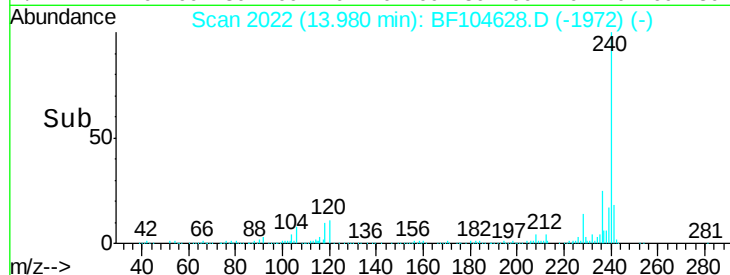
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 21.745 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

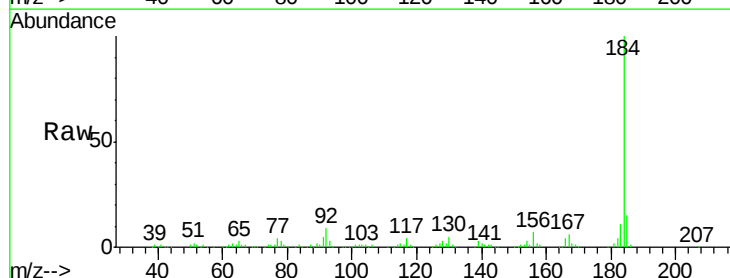
Tgt Ion:184 Resp: 227600

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

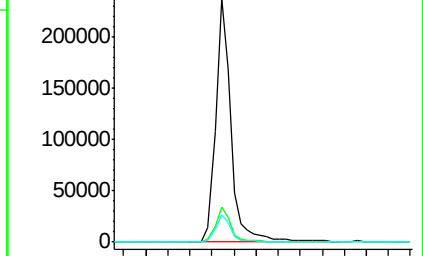
183 11.1 9.3 13.9



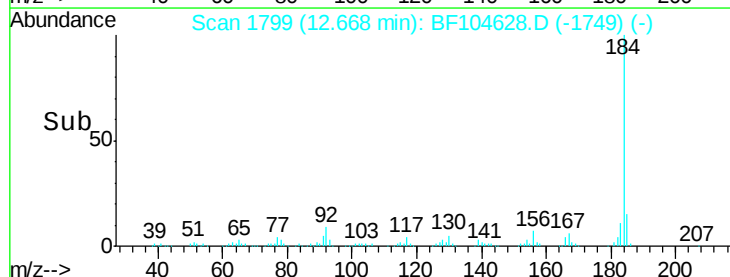
Abundance Ion 184.00 (183.70 to 184.70): E

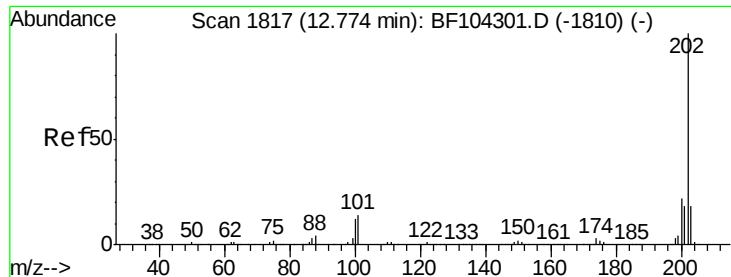
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80

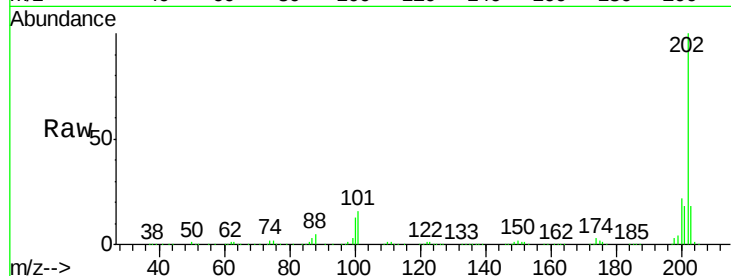




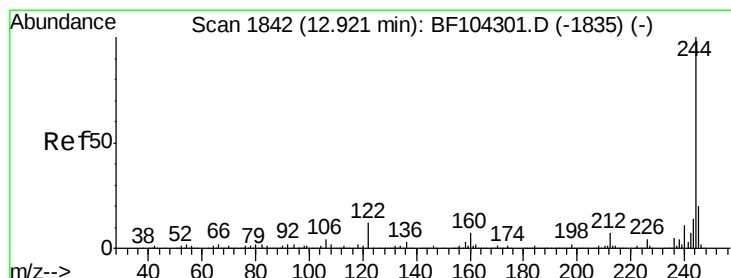
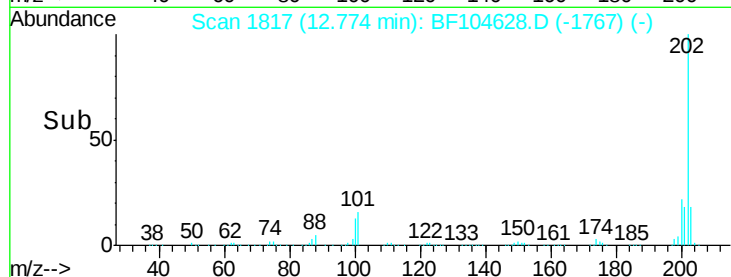
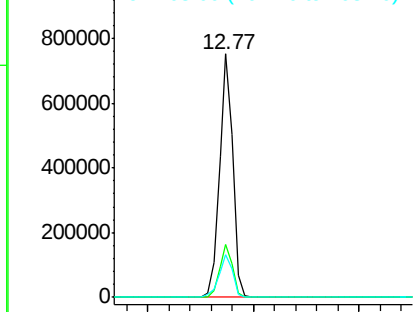
#77
 Pvrene
 Concen: 34.201 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

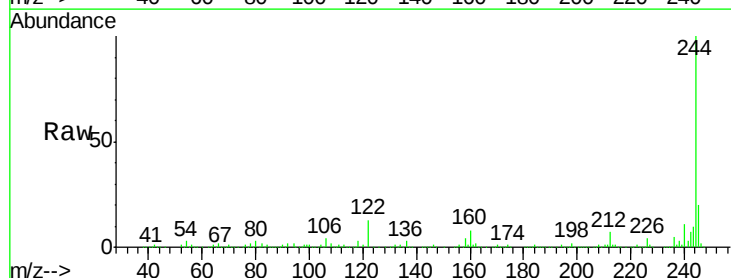


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

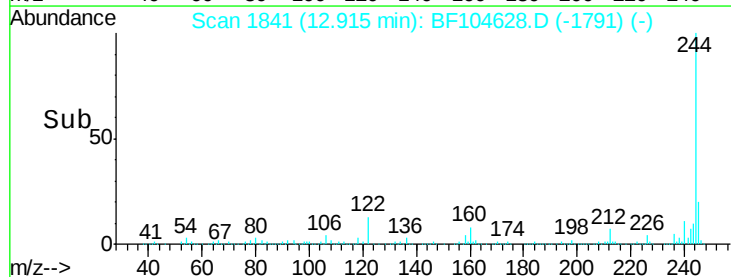
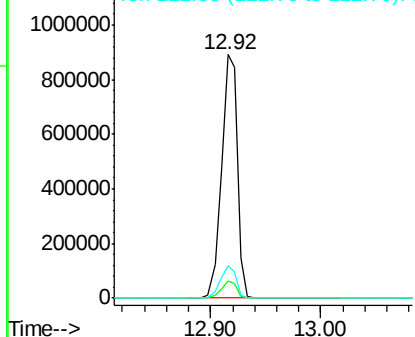


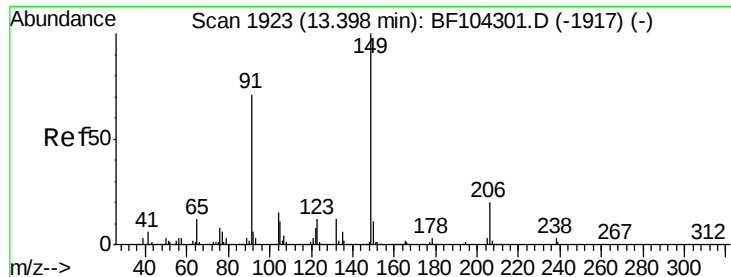
#78
 Terphenyl-d14
 Concen: 76.644 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	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

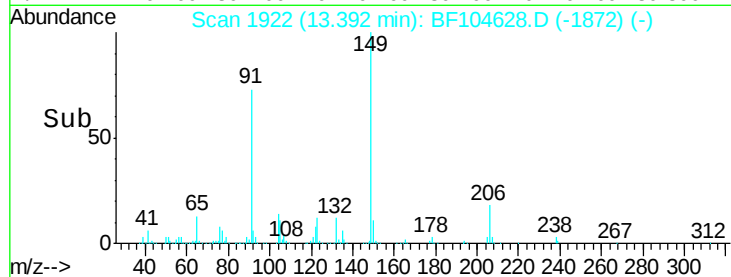
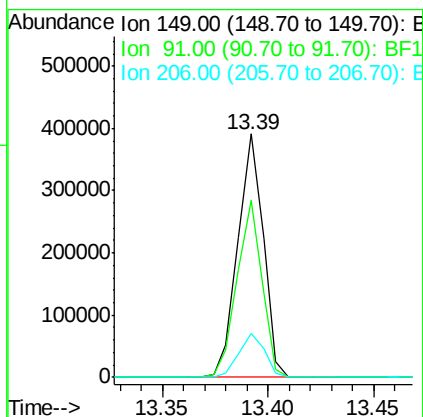
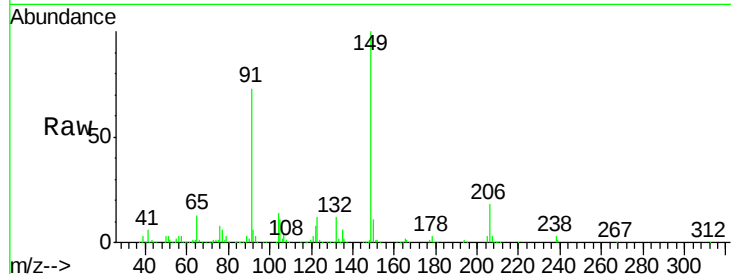




#79
Butylbenzylphthalate
Concen: 35.274 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

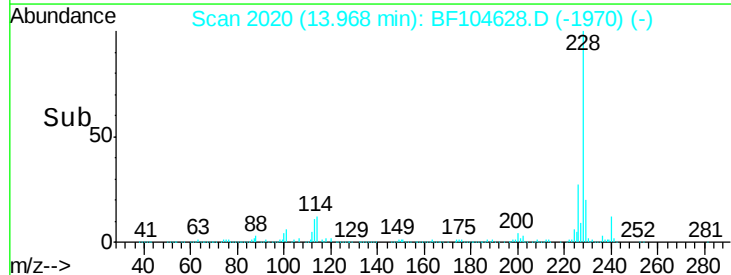
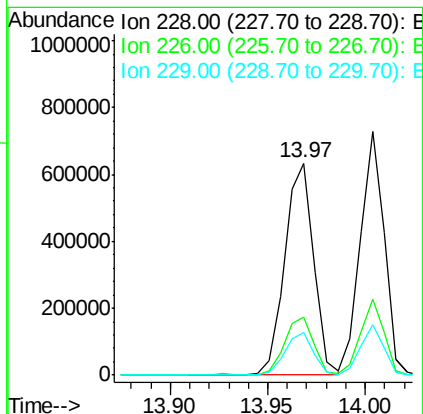
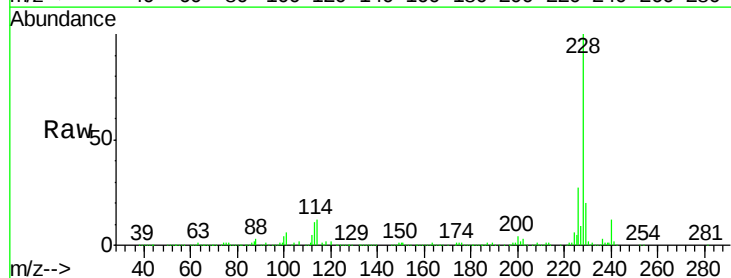
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 325848
Ion Ratio Lower Upper
149 100
91 72.9 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.013 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:228 Resp: 648156
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.9 15.8 23.6

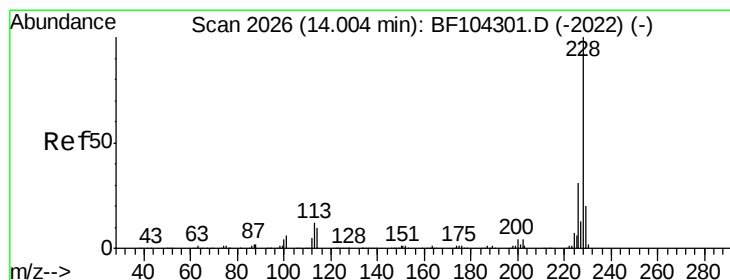
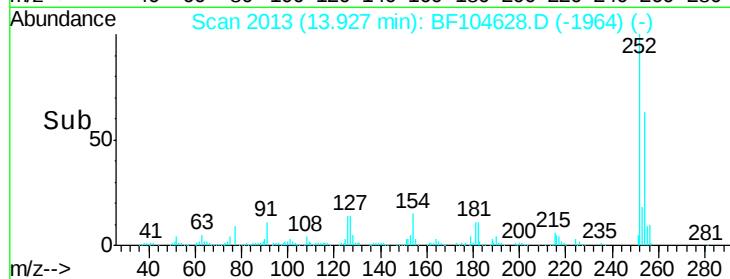
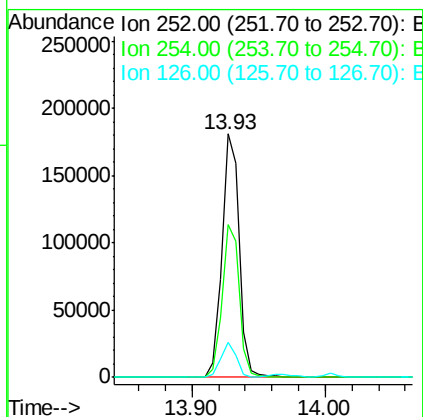
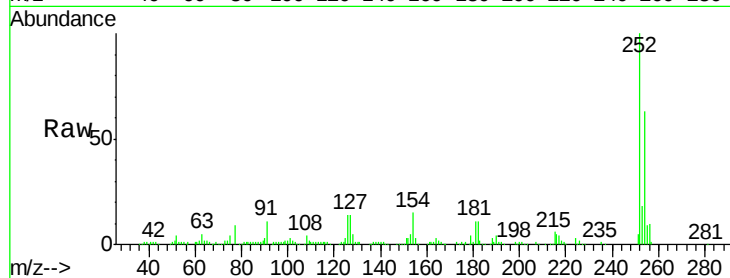




#81
 3,3'-Dichlorobenzidine
 Concen: 28.181 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

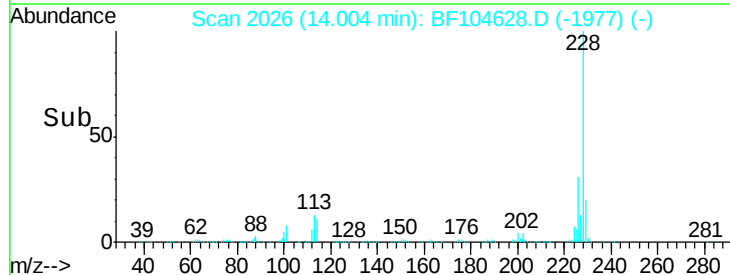
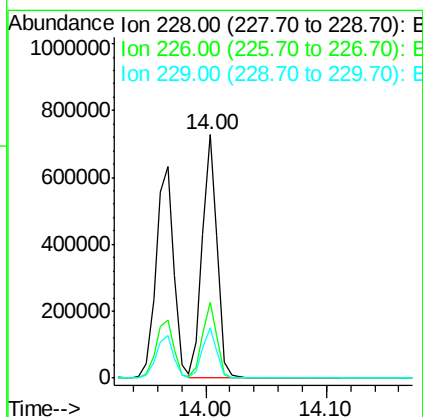
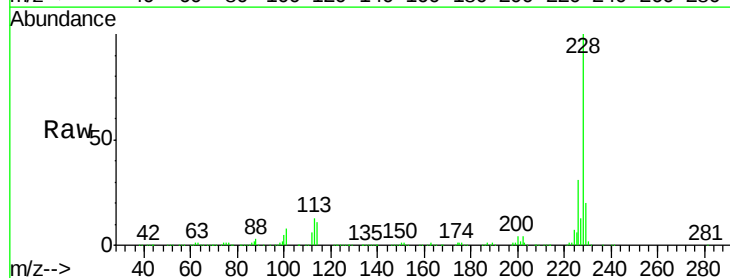
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 38.260 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.687 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

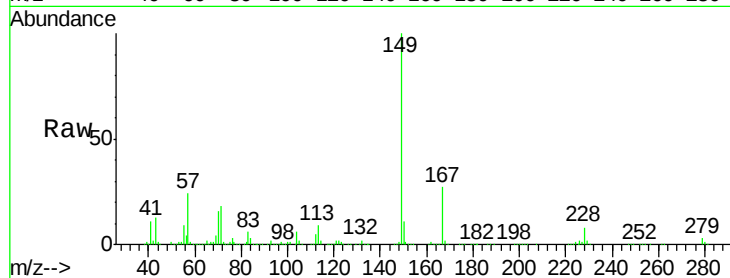
Tot Ion:149 Resp: 447801

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

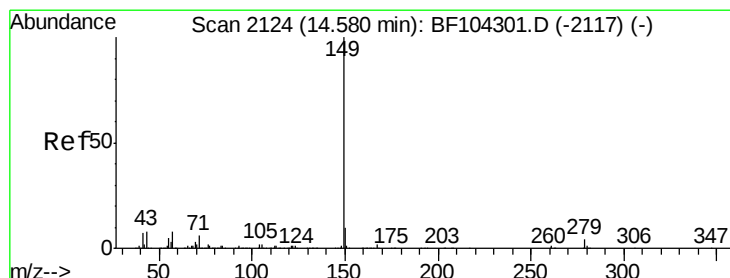
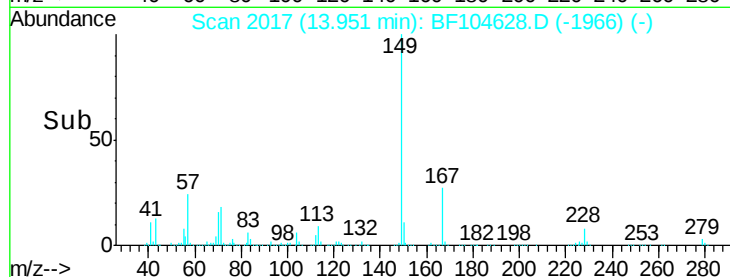
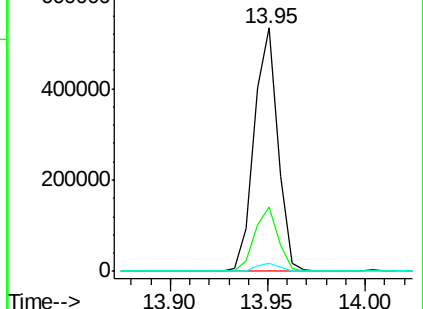
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.750 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

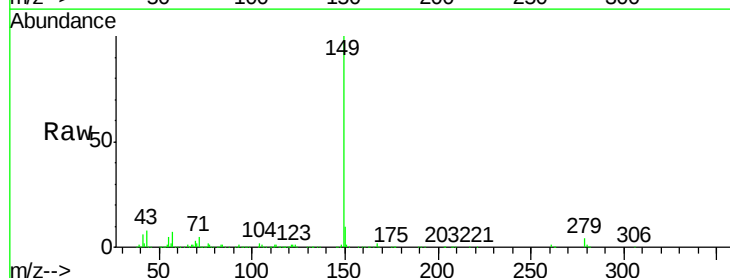
Tgt Ion:149 Resp: 809032

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

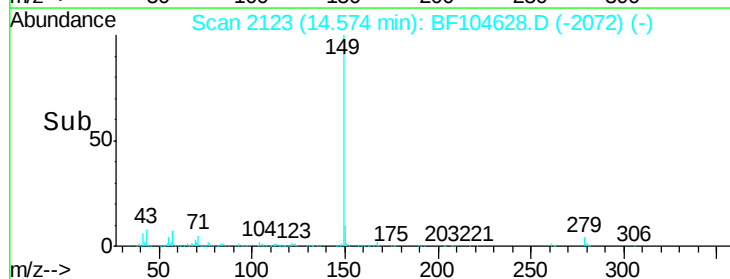
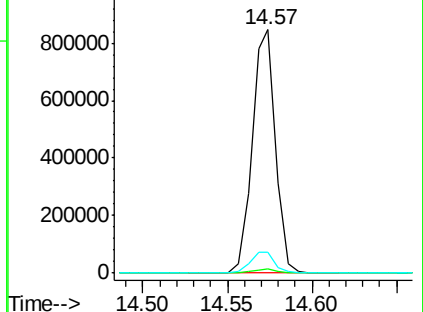
43 8.5 8.4 12.6

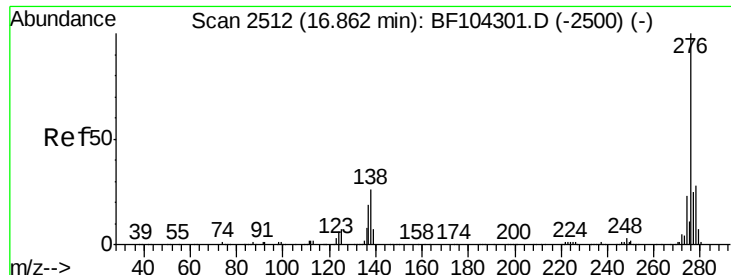


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

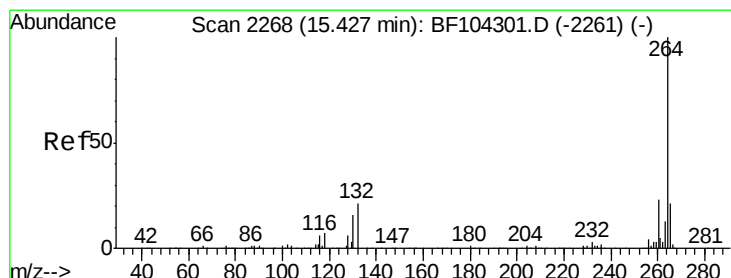
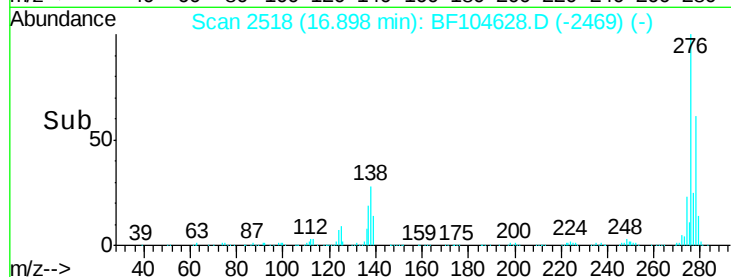
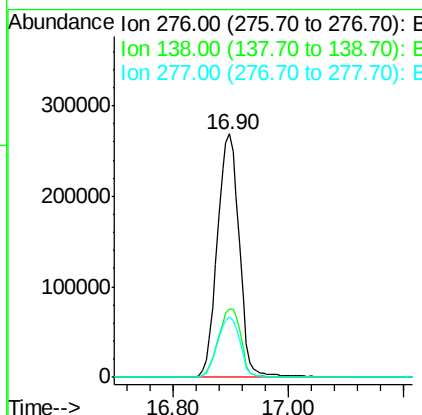
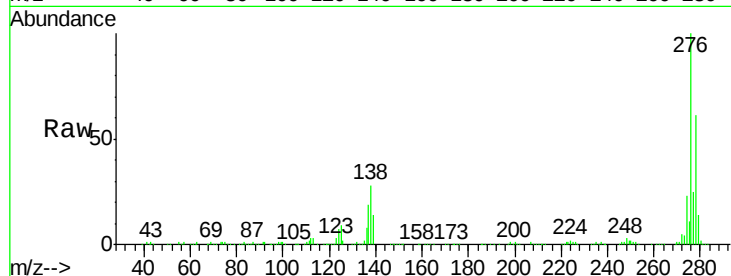




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.464 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

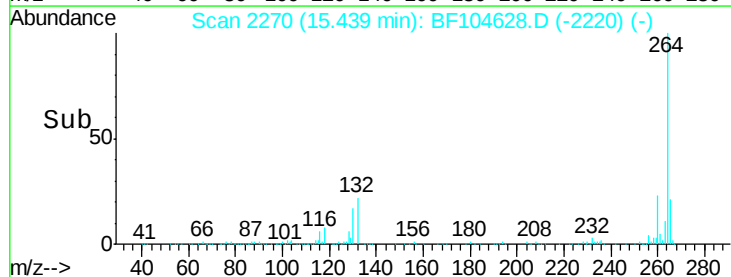
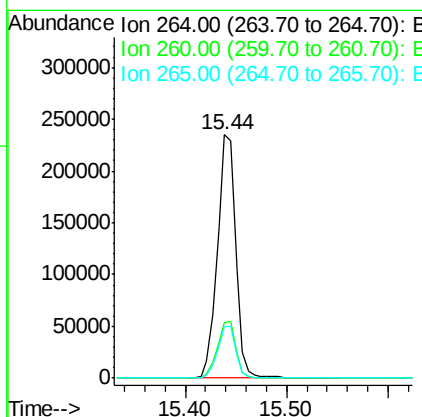
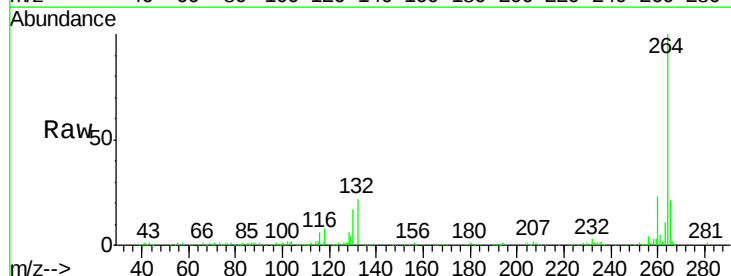
Instrument :
 BNA_F
 ClientSampleId :

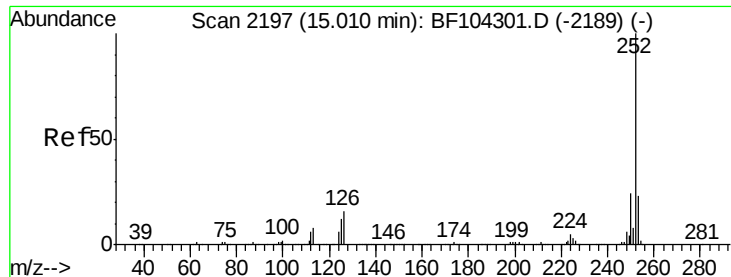
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.5	26.3

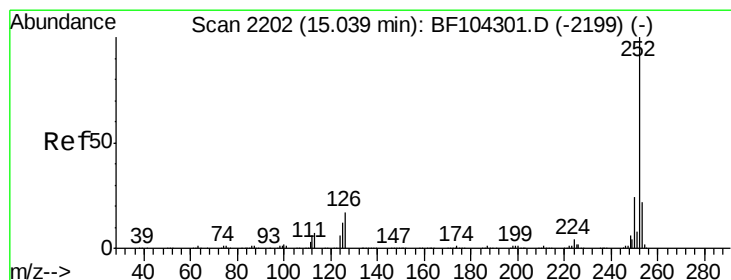
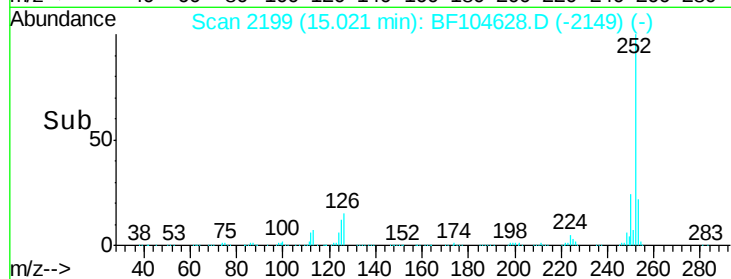
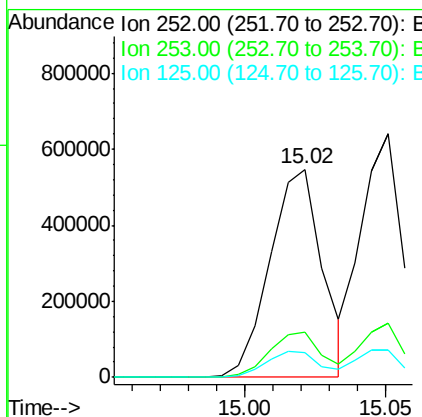
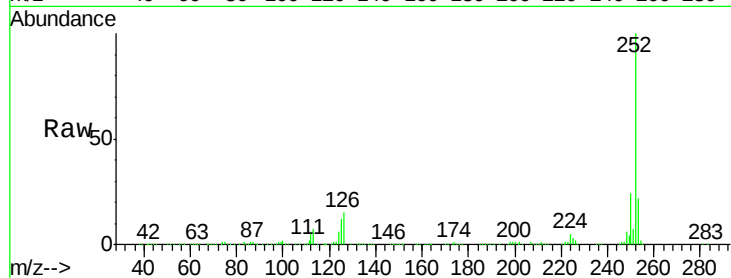




#87
Benzo(b)fluoranthene
Concen: 37.655 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

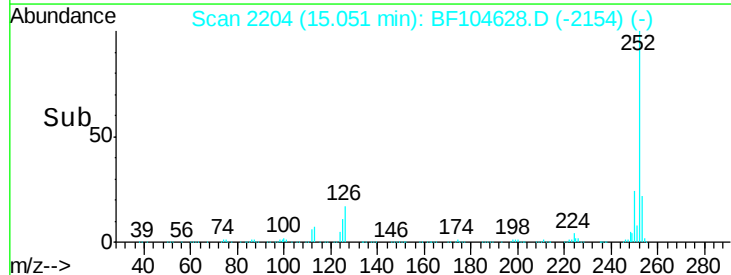
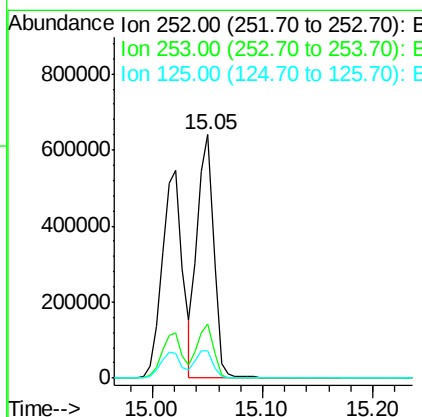
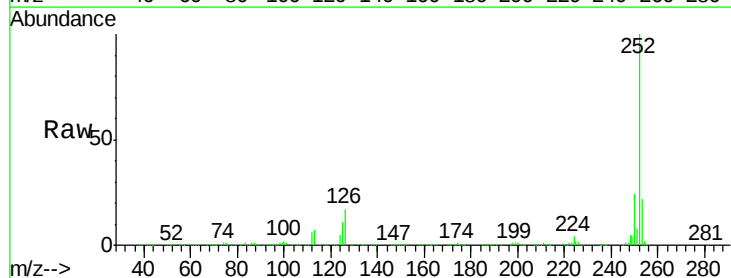
Instrument :
BNA_F
ClientSampleId :

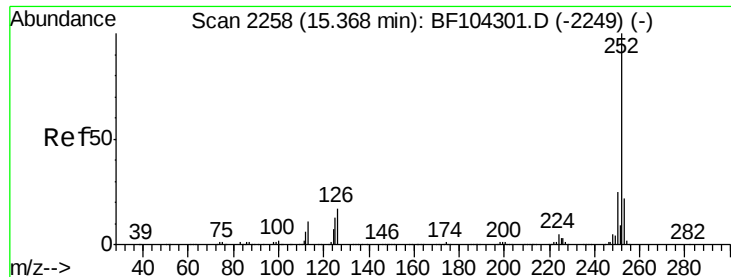
Tot Ion:252 Resp: 704705
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.887 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:252 Resp: 651738
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.3 10.2 15.2

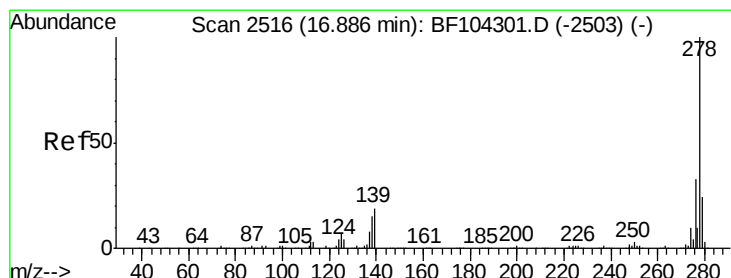
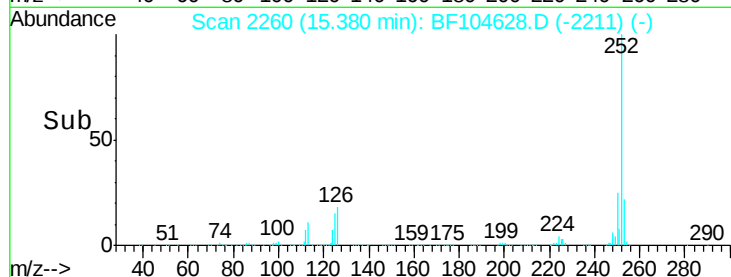
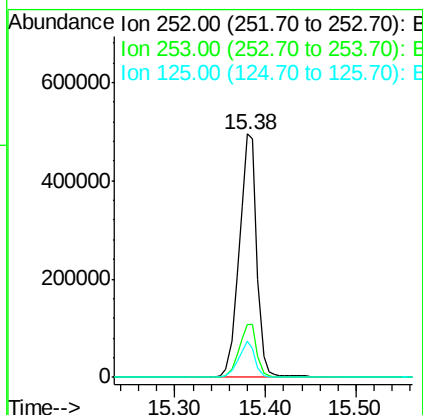
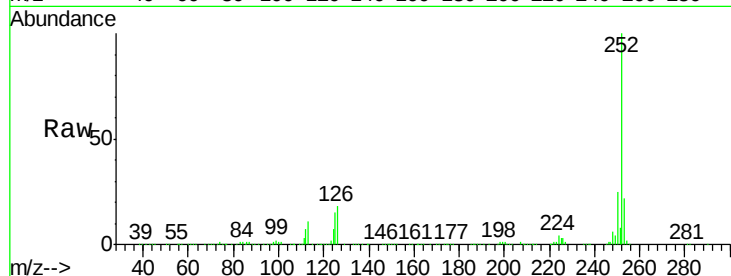




#89
Benzo(a)pyrene
Concen: 40.237 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

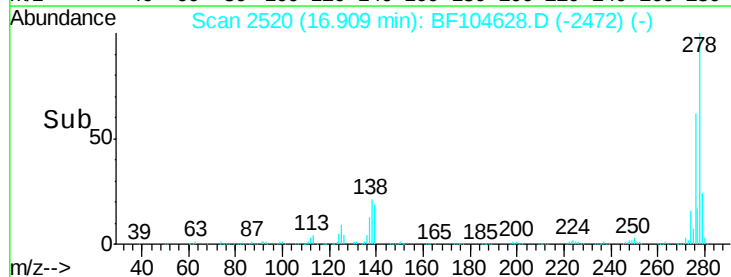
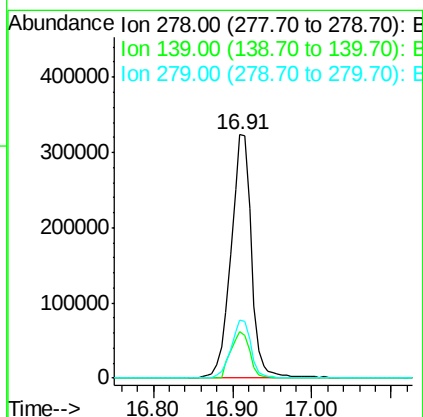
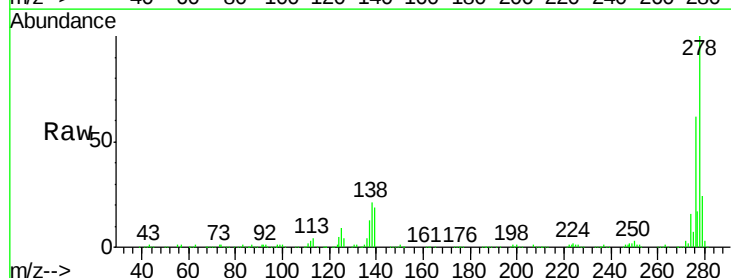
Instrument :
BNA_F
ClientSampleId :

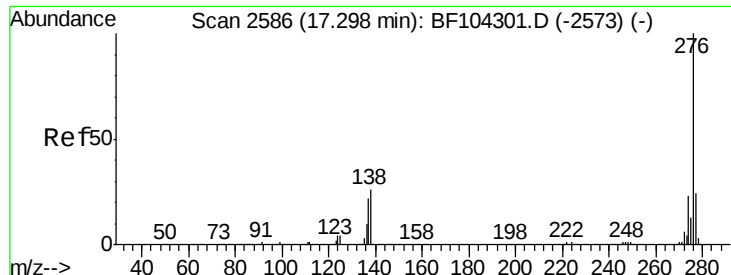
Tot Ion:252 Resp: 673769
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.082 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104628.D
Acq: 19 Apr 2018 13:52

Tgt Ion:278 Resp: 578742
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 24.1 19.0 28.4

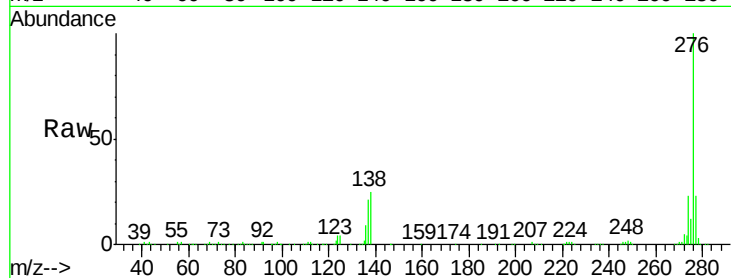




#91
 Benzo(a,h,i)perylene
 Concen: 43.451 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BF104628.D
 Acq: 19 Apr 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	24.6	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

