

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104305.D
 Acq On : 6 Apr 2018 14:39
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Quant Time: Apr 06 17:25:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136507	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	553060	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	258956	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	469713	20.00	ng	0.00
75) Chrysene-d12	13.97	240	378917	20.00	ng	0.00
86) Perylene-d12	15.42	264	351279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	663701	74.34	ng	0.00
7) Phenol-d6	6.43	99	823143	75.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	701447	82.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209559	78.01	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1252876	76.43	ng	0.00
78) Terphenyl-d14	12.92	244	1254305	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	163157	39.222	ng	90
3) Pyridine	3.25	79	447530	38.265	ng	88
4) n-Nitrosodimethylamine	3.21	42	153748	37.606	ng	86
6) Aniline	6.47	93	575819	37.784	ng	98
8) 2-Chlorophenol	6.59	128	359382	38.140	ng	95
9) Benzaldehyde	6.35	77	222032	40.021	ng	99
10) Phenol	6.44	94	437264	37.570	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	354093	38.125	ng	98
12) 1,3-Dichlorobenzene	6.75	146	407938	38.215	ng	99
13) 1,4-Dichlorobenzene	6.82	146	407224	38.269	ng	99
14) 1,2-Dichlorobenzene	6.97	146	377814	38.314	ng	99
15) Benzyl Alcohol	6.95	79	316108	37.942	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	469658	37.654	ng	93
17) 2-Methylphenol	7.05	107	311917	38.082	ng	98
18) Hexachloroethane	7.32	117	147702	38.930	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	264047	36.838	ng	96
20) 3+4-Methylphenols	7.21	107	387260	38.122	ng	# 75
22) Acetophenone	7.22	105	518429	38.075	ng	98
24) Nitrobenzene	7.39	77	386849	41.369	ng	99
25) Isophorone	7.63	82	679990	37.966	ng	99
26) 2-Nitrophenol	7.70	139	167484	43.995	ng	95
27) 2,4-Dimethylphenol	7.73	122	307330	38.880	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	418871	38.251	ng	99
29) 2,4-Dichlorophenol	7.94	162	292612	38.797	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	317491	38.358	ng	100
31) Naphthalene	8.11	128	1060705	38.516	ng	99
32) Benzoic acid	7.86	122	275571	43.694	ng	99
33) 4-Chloroaniline	8.16	127	446970	37.884	ng	99
34) Hexachlorobutadiene	8.23	225	179971	39.696	ng	97
35) Caprolactam	8.53	113	100434	38.173	ng	# 83
36) 4-Chloro-3-methylphenol	8.63	107	310919	38.446	ng	98
37) 2-Methylnaphthalene	8.80	142	687809	38.611	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	287788	38.823	ng	99
40) Hexachlorocyclopentadiene	8.95	237	167109	40.268	ng	98

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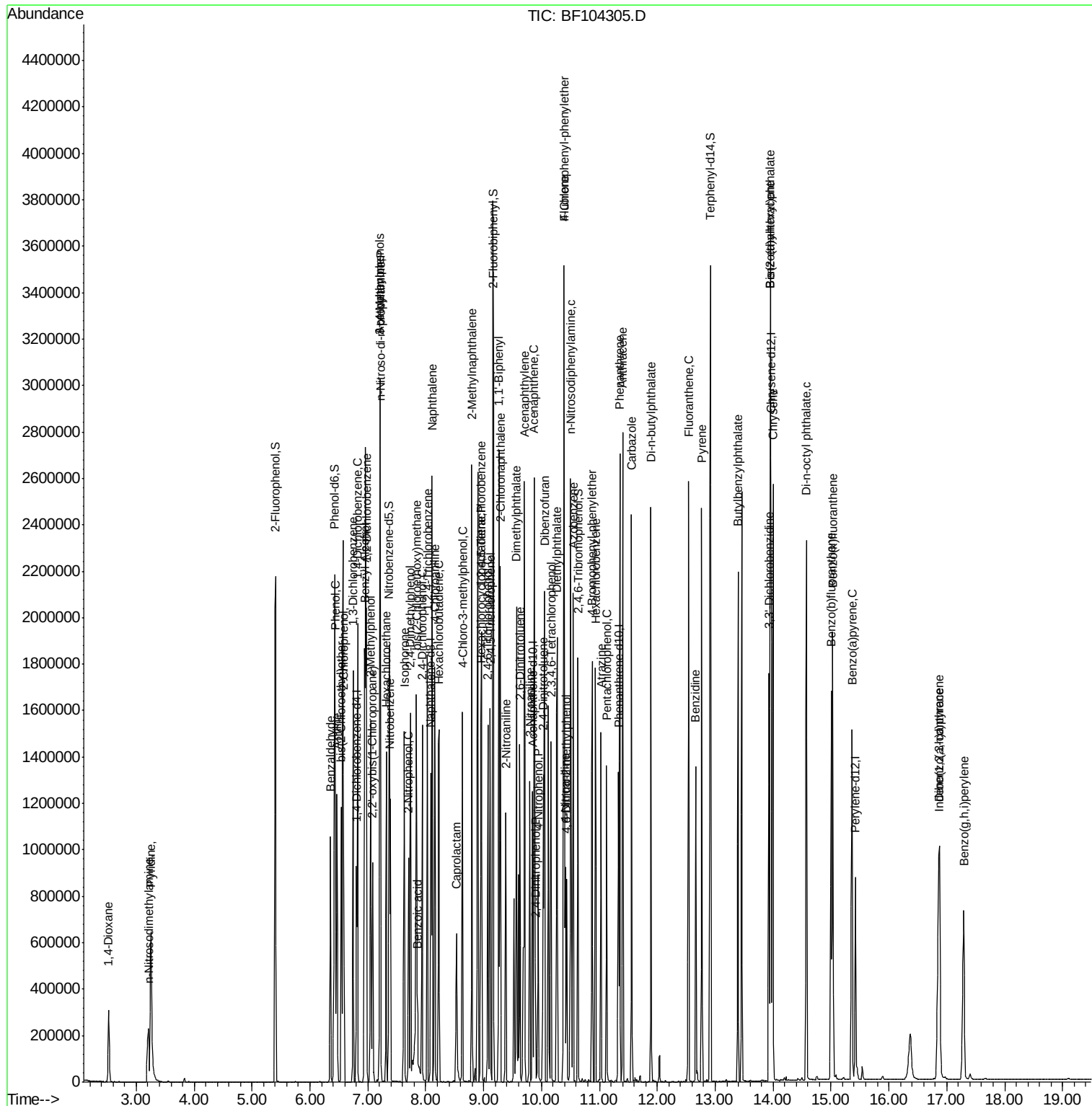
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	201447	39.147	nq	100
43) 2,4,5-Trichlorophenol	9.11	196	227333	39.479	nq	98
45) 1,1'-Biphenyl	9.26	154	832705	38.278	nq	99
46) 2-Chloronaphthalene	9.29	162	657973	38.292	nq	99
47) 2-Nitroaniline	9.39	65	188866	44.446	nq	99
48) Acenaphthylene	9.70	152	1035412	38.406	nq	100
49) Dimethylphthalate	9.57	163	777514	38.075	nq	100
50) 2,6-Dinitrotoluene	9.63	165	164469	43.526	nq	98
51) Acenaphthene	9.87	154	638279	38.804	nq	100
52) 3-Nitroaniline	9.80	138	190373	43.035	nq	98
53) 2,4-Dinitrophenol	9.90	184	52258	43.664	nq #	17
54) Dibenzofuran	10.05	168	885962	38.649	nq	99
55) 4-Nitrophenol	9.95	139	149263	42.955	nq	94
56) 2,4-Dinitrotoluene	10.03	165	213054	42.985	nq	96
57) Fluorene	10.39	166	658282	39.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	171020	39.809	nq	97
59) Diethylphthalate	10.27	149	784474	38.573	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	290482	39.092	nq	97
61) 4-Nitroaniline	10.41	138	188193	43.510	nq	99
62) Azobenzene	10.55	77	747374	38.464	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	92356	41.540	nq	92
65) n-Nitrosodiphenylamine	10.50	169	621960	38.190	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	193592	38.748	nq	95
67) Hexachlorobenzene	10.93	284	215622	38.354	nq	96
68) Atrazine	11.03	200	189193	38.486	nq	99
69) Pentachlorophenol	11.13	266	142088	40.854	nq	96
70) Phenanthrene	11.35	178	1000841	38.261	nq	99
71) Anthracene	11.40	178	1020122	38.365	nq	100
72) Carbazole	11.56	167	975600	37.548	nq	99
73) Di-n-butylphthalate	11.89	149	1207394	38.041	nq	99
74) Fluoranthene	12.54	202	1047256	38.319	nq	100
76) Benzidine	12.66	184	472918	35.685	nq #	94
77) Pyrene	12.77	202	1064837	37.913	nq	100
79) Butylbenzylphthalate	13.39	149	513408	38.800	nq	95
80) Benzo(a)anthracene	13.96	228	854463	37.746	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	320904	38.021	nq	97
82) Chrysene	14.00	228	889948	38.275	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	651258	38.265	nq	99
84) Di-n-octyl phthalate	14.57	149	1132645	39.828	nq	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	734674	37.195	nq	99
87) Benzo(b)fluoranthene	15.00	252	831192	37.464	nq	98
88) Benzo(k)fluoranthene	15.03	252	841232	40.162	nq	99
89) Benzo(a)pyrene	15.36	252	776608	39.122	nq #	97
90) Dibenzo(a,h)anthracene	16.88	278	612891	37.592	nq	99
91) Benzo(g,h,i)perylene	17.29	276	573022	36.277	nq	98

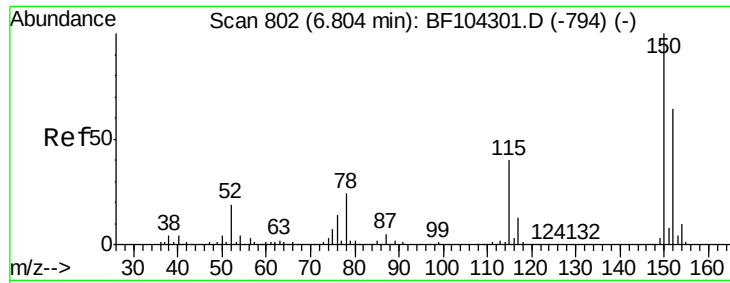
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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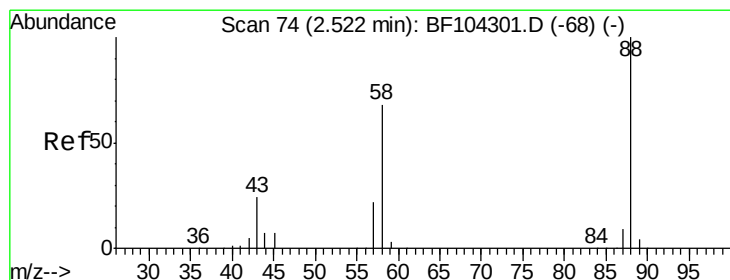
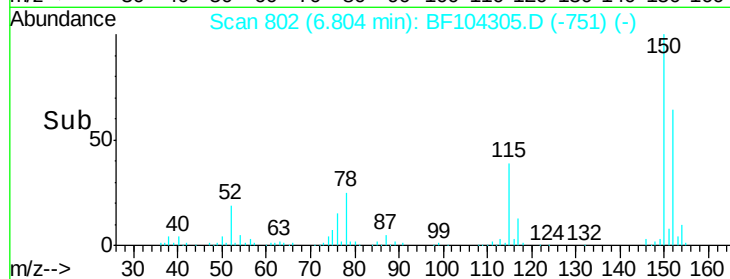
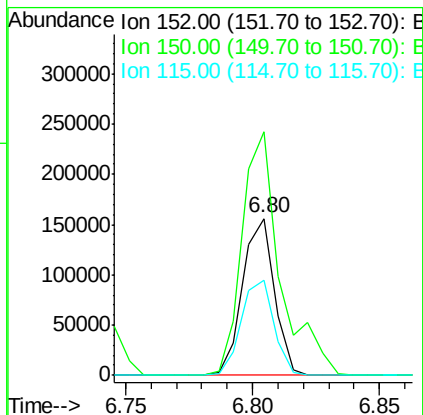
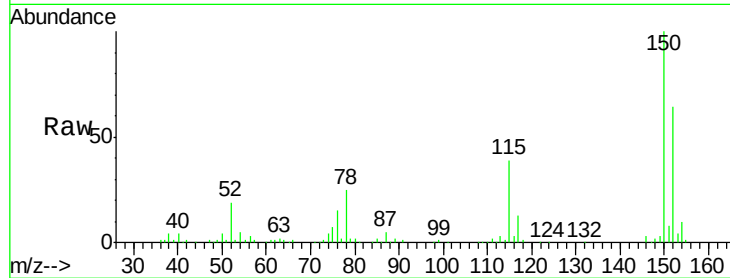


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104305.D
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Instrument :
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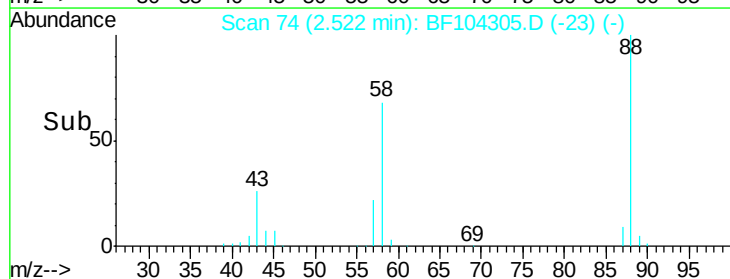
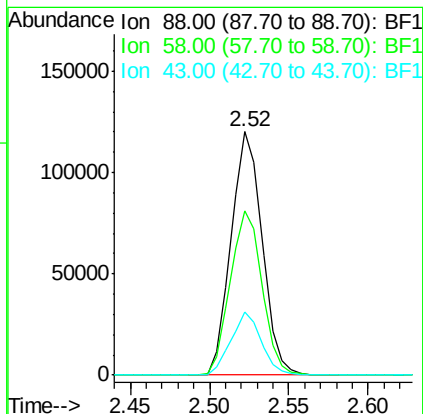
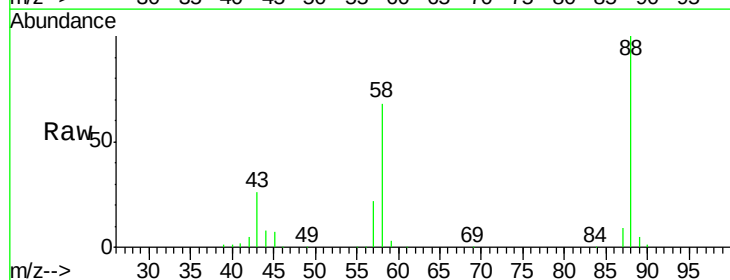
Tot Ion:152 Resp: 136507
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.0 50.1 75.1

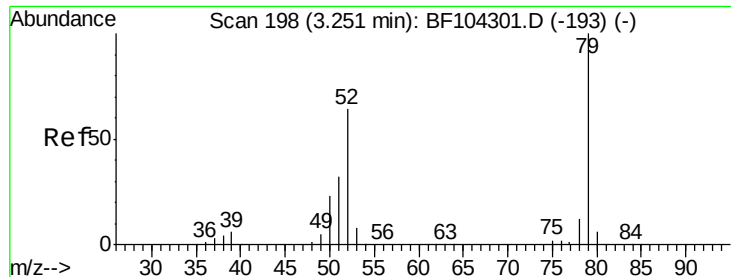


#2

1,4-Dioxane
Concen: 39.222 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion: 88 Resp: 163157
Ion Ratio Lower Upper
88 100
58 69.0 62.6 93.8
43 25.2 24.6 37.0





#3

Pvridine

Concen: 38.265 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

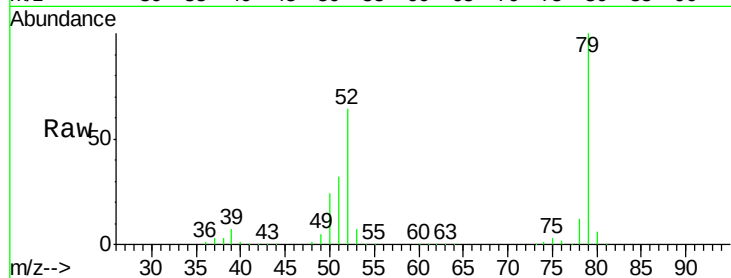
Tot Ion: 79 Resp: 447530

Ion Ratio Lower Upper

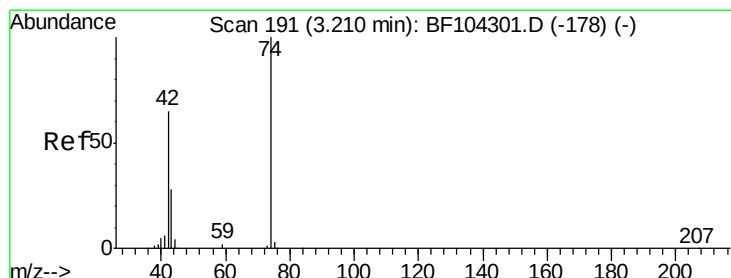
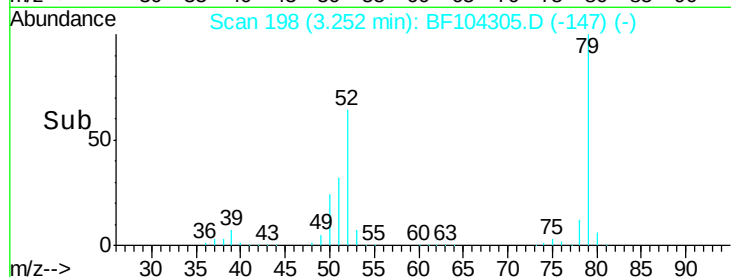
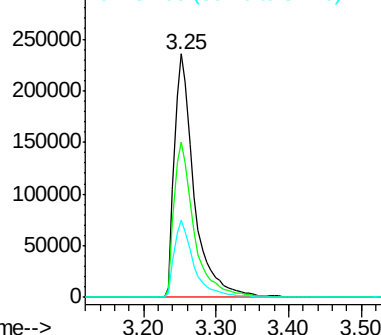
79 100

52 63.7 59.8 89.6

51 31.8 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: 37.606 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

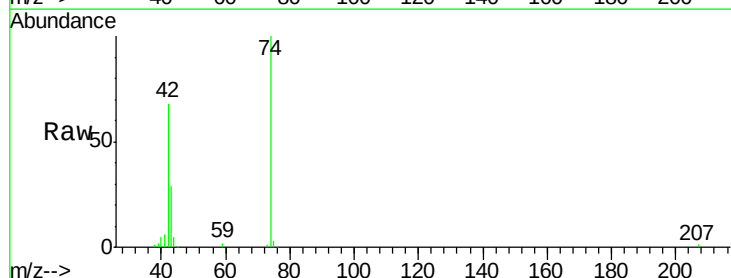
Tgt Ion: 42 Resp: 153748

Ion Ratio Lower Upper

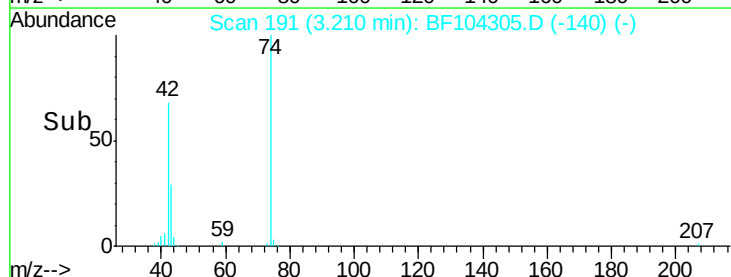
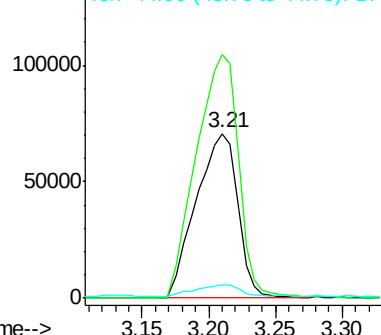
42 100

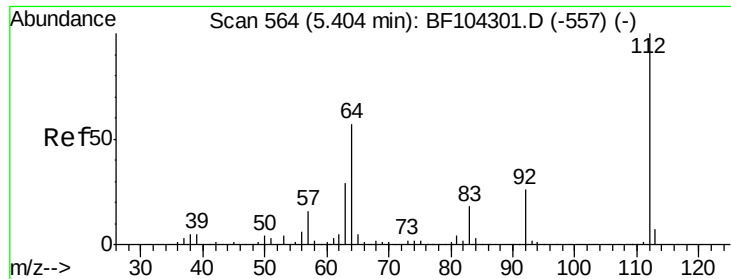
74 148.1 104.9 157.3

44 7.7 6.9 10.3



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





#5

2-Fluorophenol

Concen: 74.343 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

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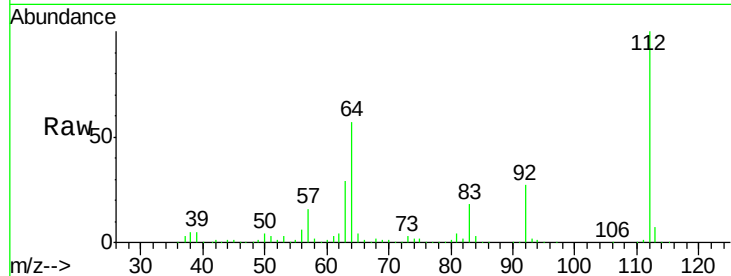
Tot Ion:112 Resp: 663701

Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

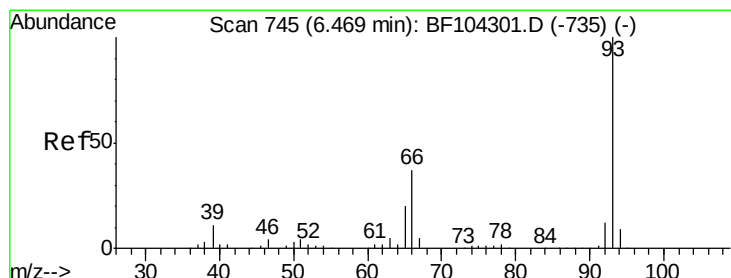
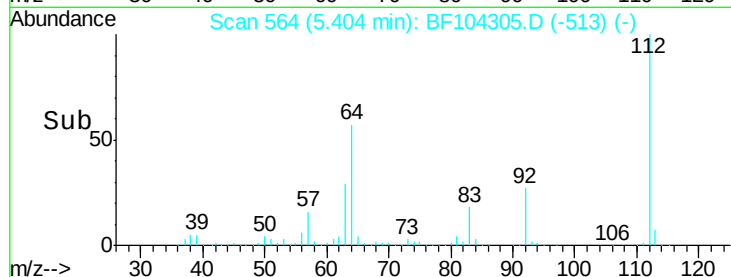
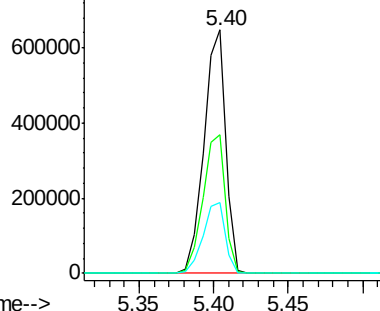
63 29.3 23.7 35.5



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: 37.784 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

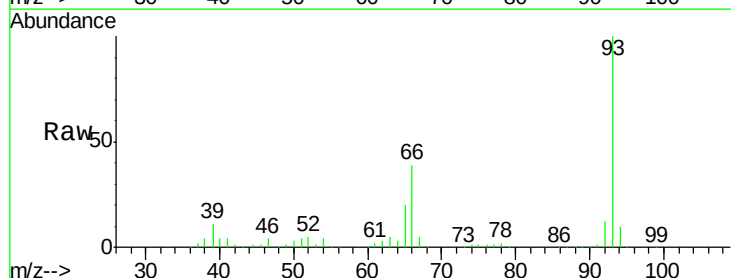
Tgt Ion: 93 Resp: 575819

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

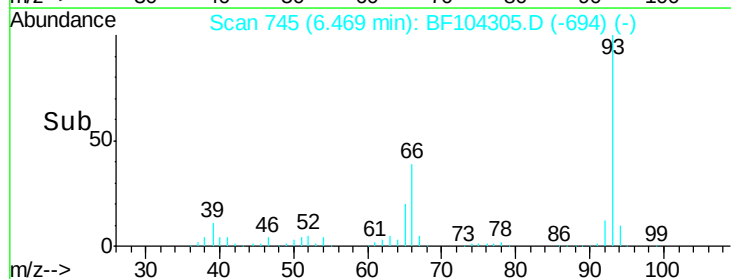
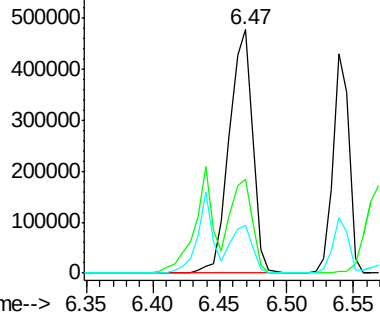
65 19.8 16.4 24.6

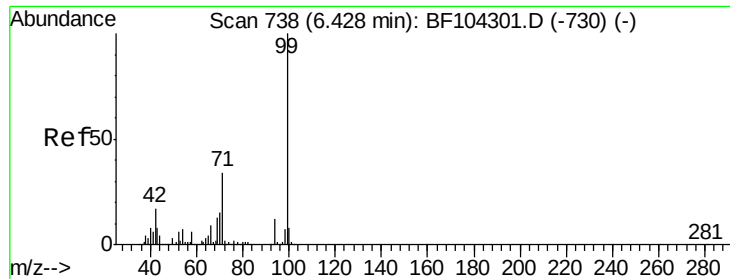


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.042 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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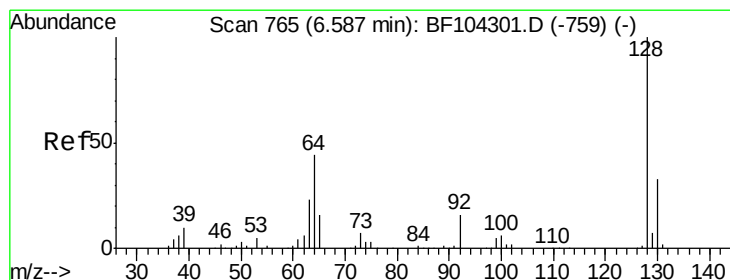
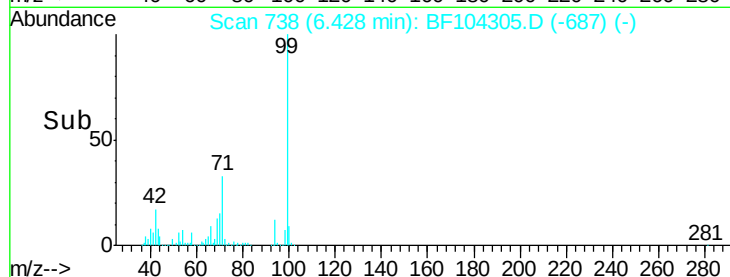
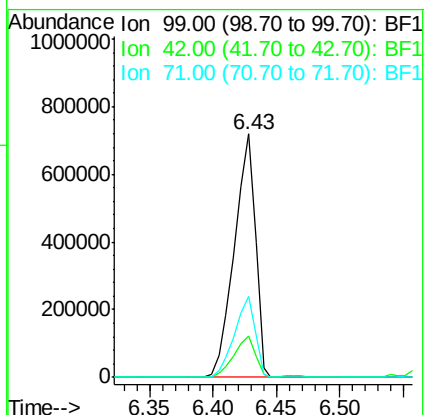
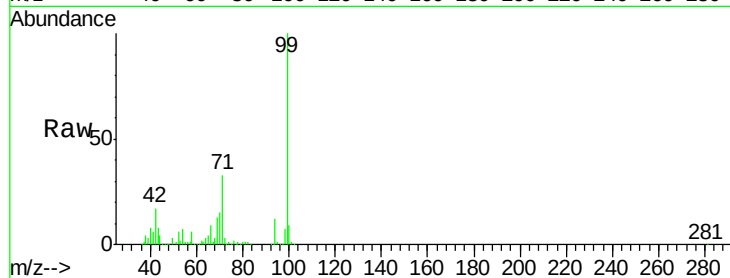
Tot Ion: 99 Resp: 823143

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 38.140 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

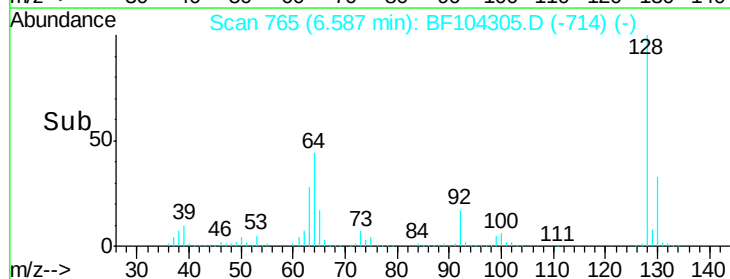
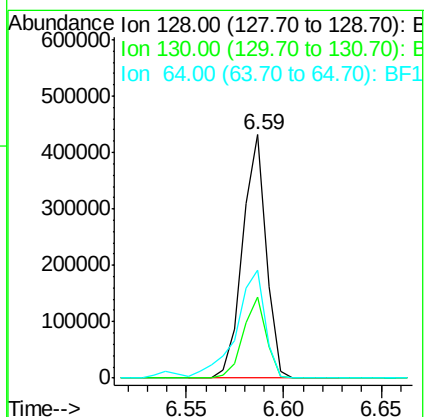
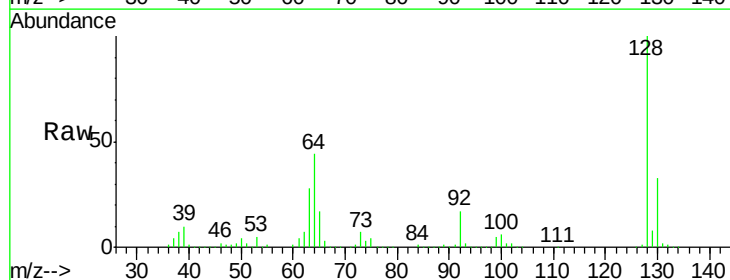
Tgt Ion: 128 Resp: 359382

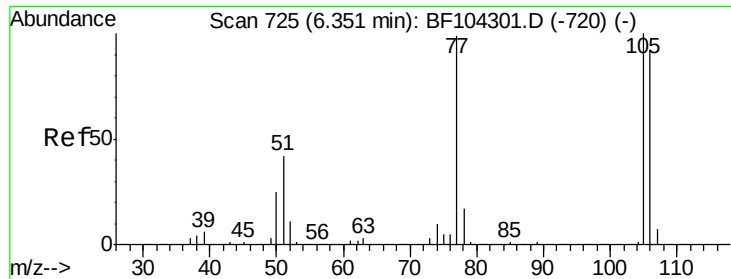
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 44.4 29.4 69.4





#9

Benzaldehyde

Concen: 40.021 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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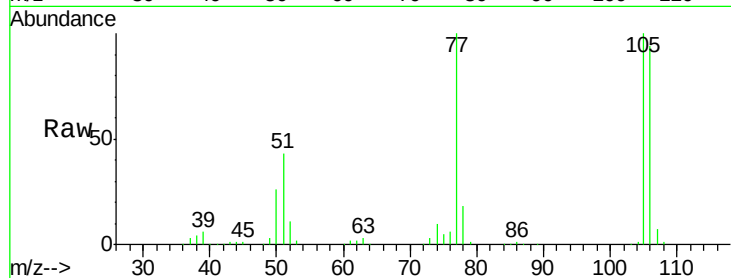
Tot Ion: 77 Resp: 222032

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

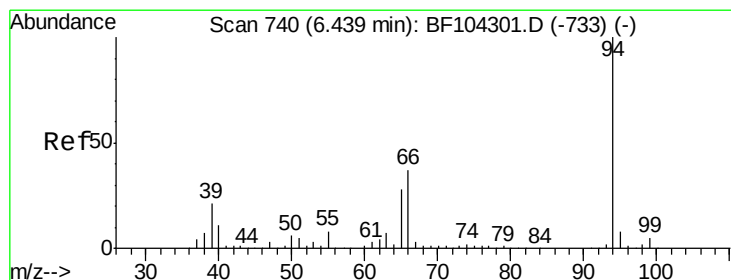
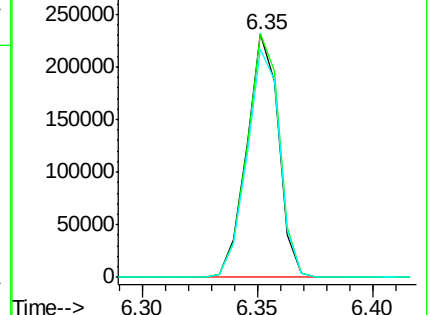
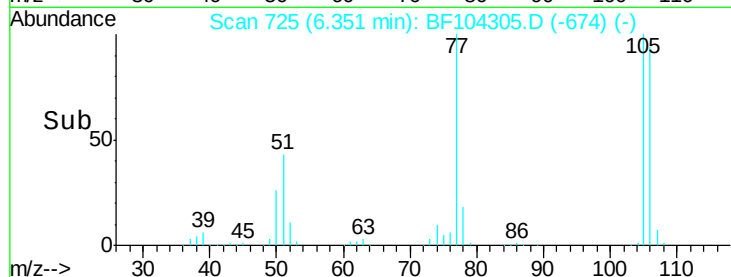
106 93.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.570 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

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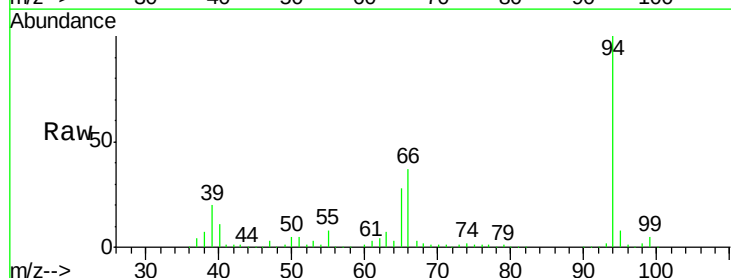
Tgt Ion: 94 Resp: 437264

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

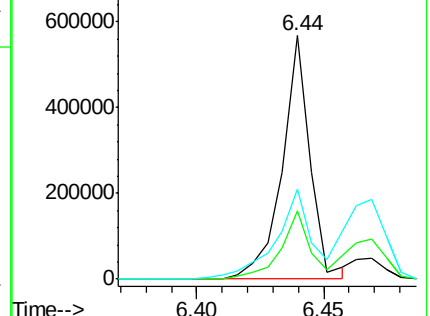
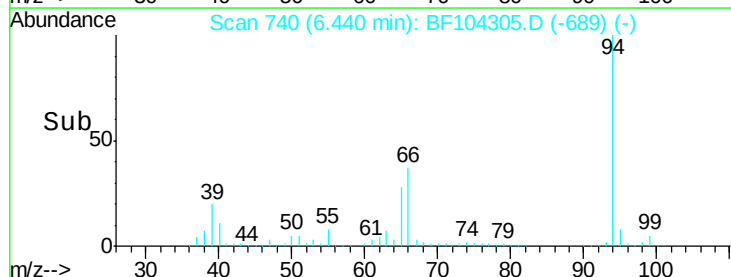
66 36.9 16.2 56.2

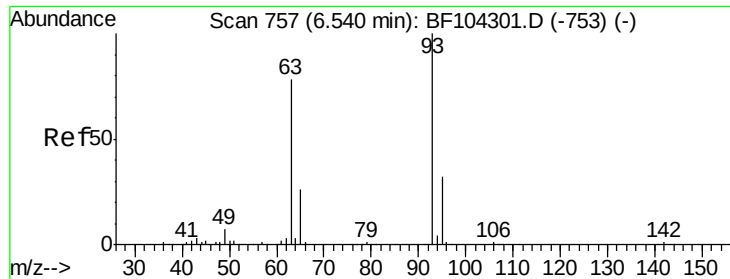


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.125 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

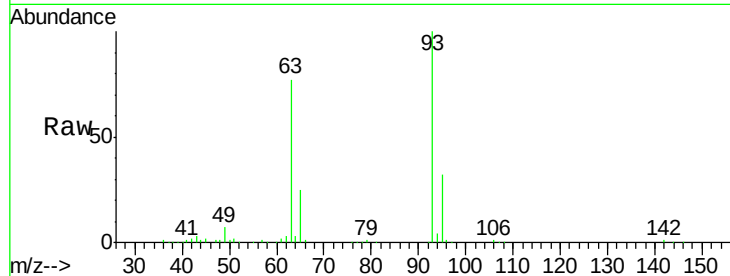
Tot Ion: 93 Resp: 354093

Ion Ratio Lower Upper

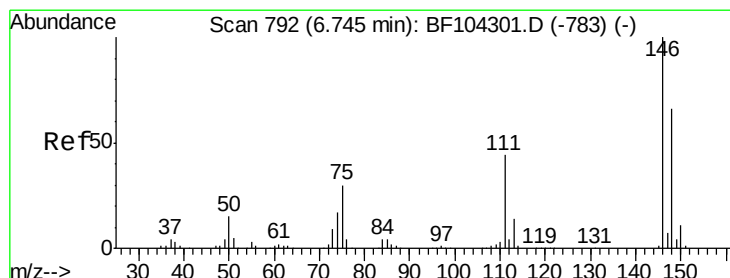
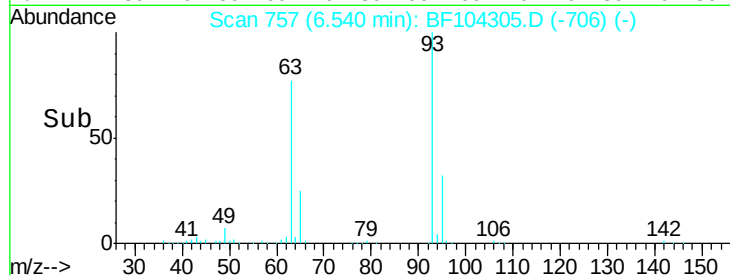
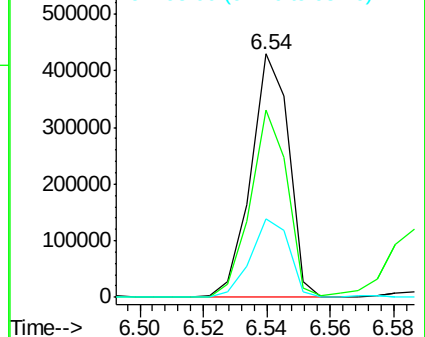
93 100

63 77.1 58.6 98.6

95 32.4 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 38.215 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

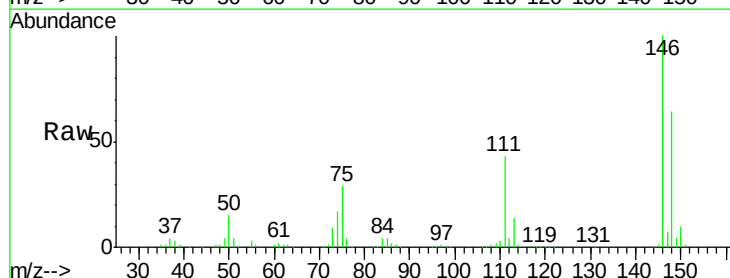
Tgt Ion: 146 Resp: 407938

Ion Ratio Lower Upper

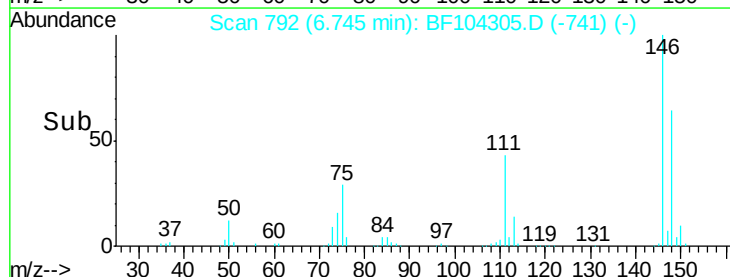
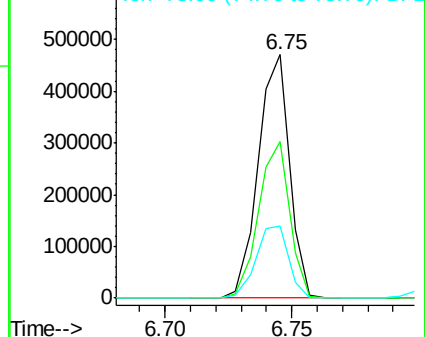
146 100

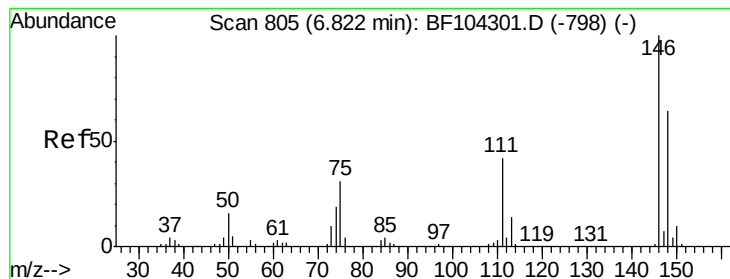
148 64.1 51.8 77.8

75 29.4 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 38.269 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

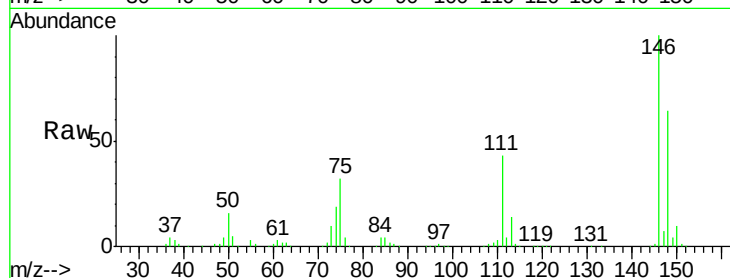
Tot Ion:146 Resp: 407224

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

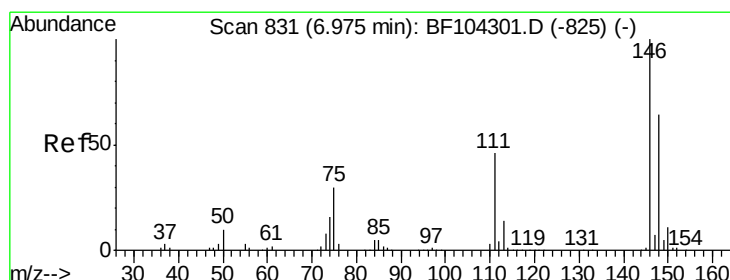
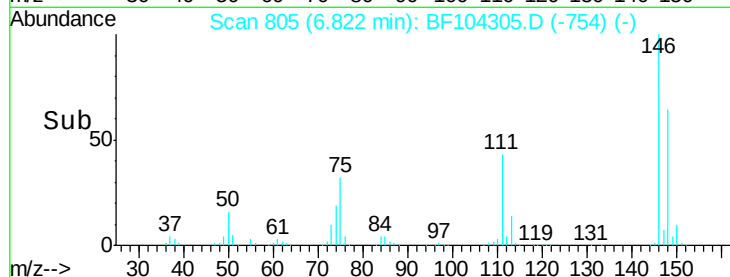
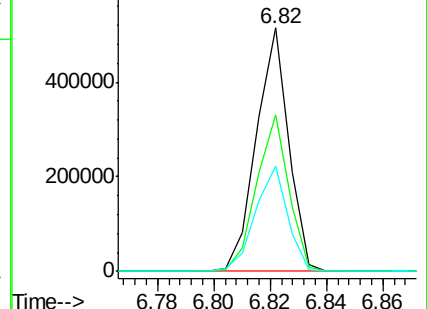
111 43.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.314 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

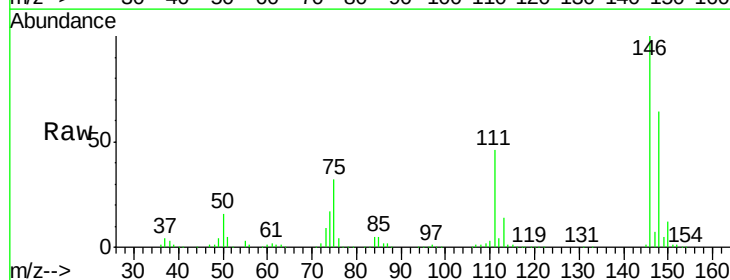
Tgt Ion:146 Resp: 377814

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

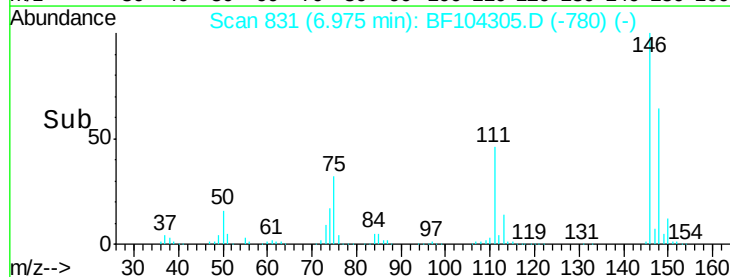
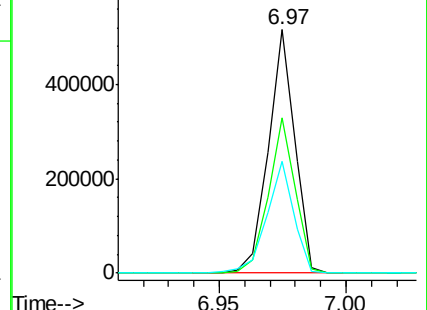
111 46.0 36.0 54.0

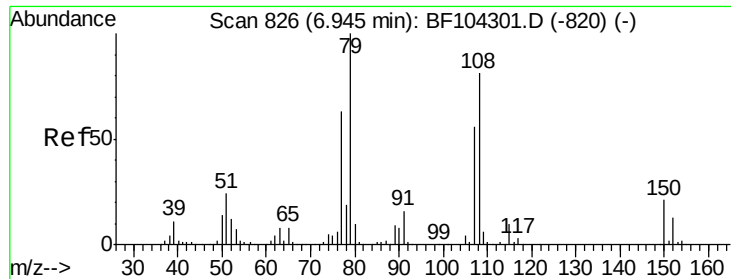


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

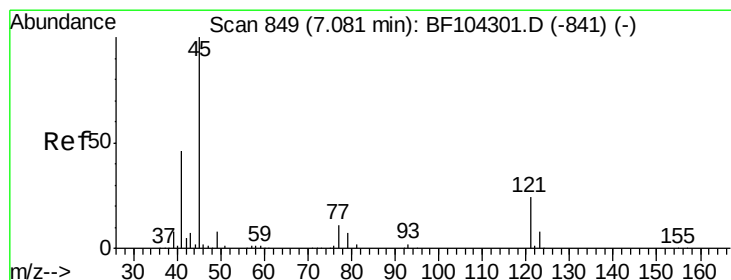
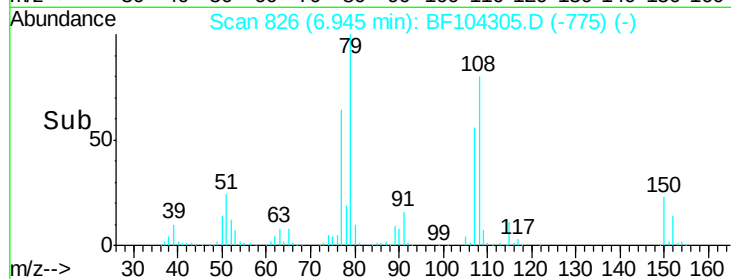
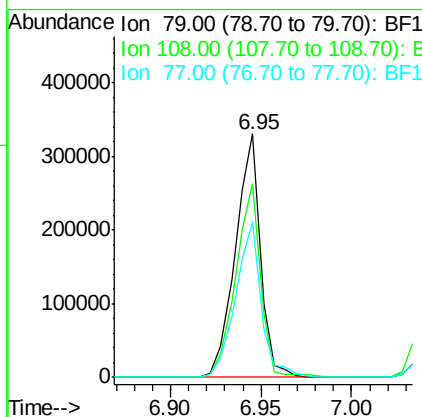
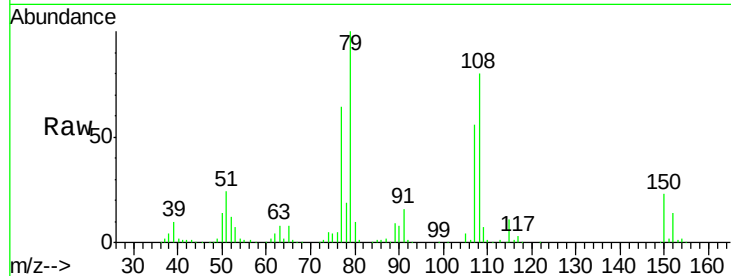




#15
Benzyl Alcohol
Concen: 37.942 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

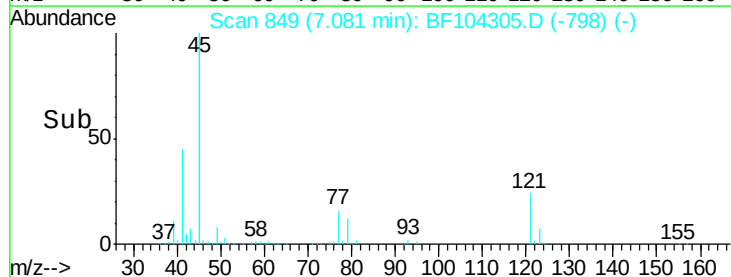
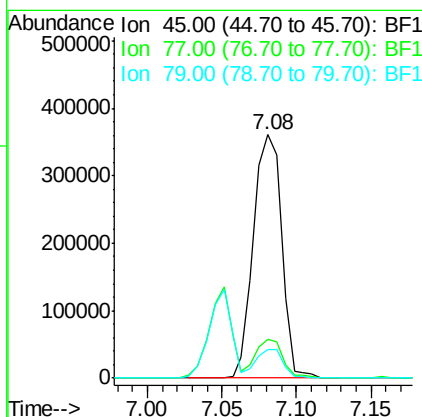
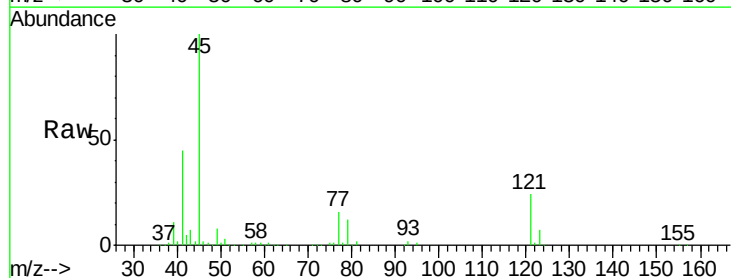
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

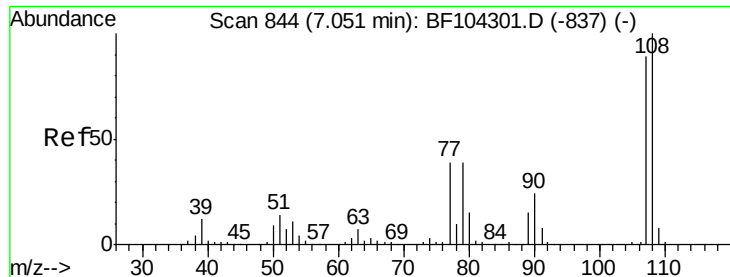
Tot Ion: 79 Resp: 316108
Ion Ratio Lower Upper
79 100
108 79.6 65.1 97.7
77 63.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.654 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion: 45 Resp: 469658
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.9
79 11.8 0.0 29.6

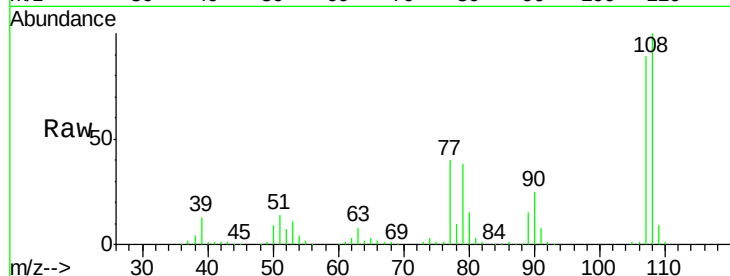




#17
2-Methylphenol
Concen: 38.082 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:	107	Resp:	311917
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	44.5	33.8	50.8
79	43.1	33.8	50.8



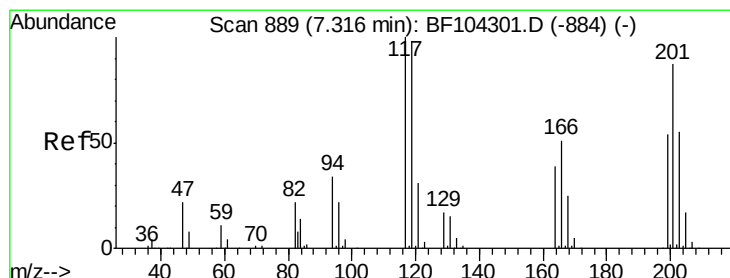
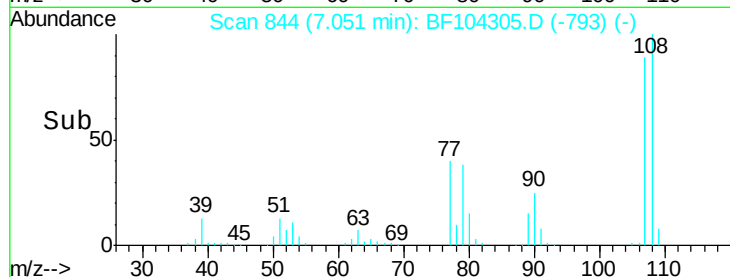
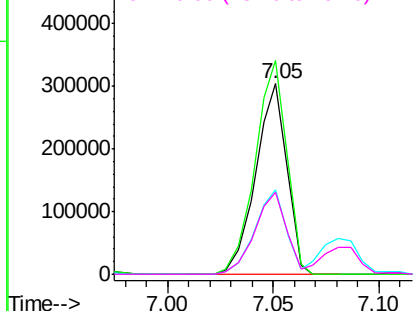
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

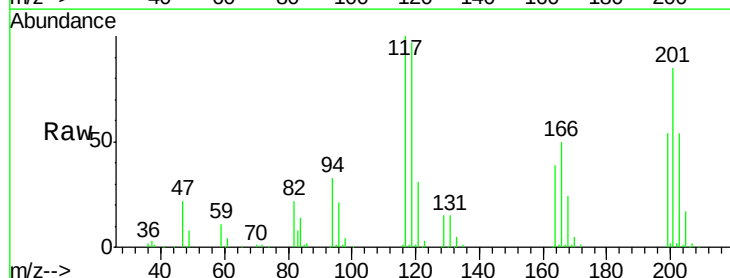
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.930 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:	117	Resp:	147702
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	85.0	75.7	113.5

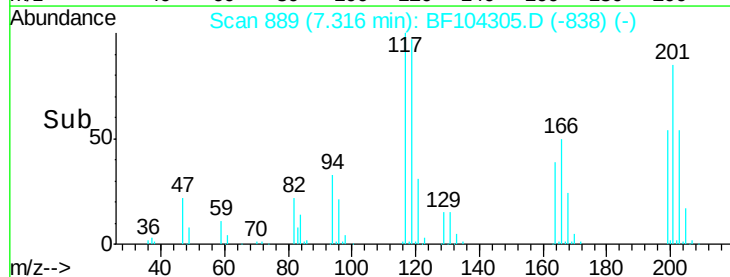
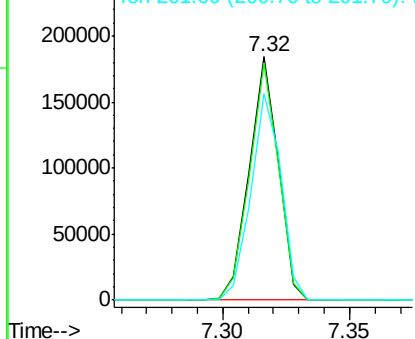


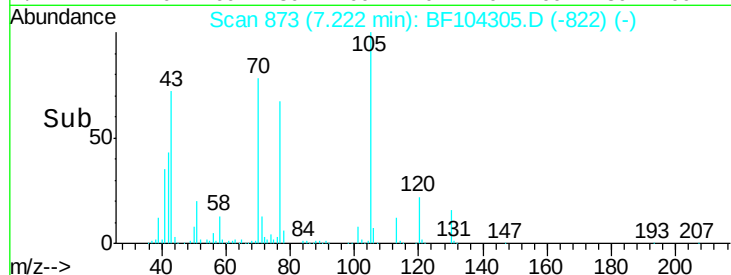
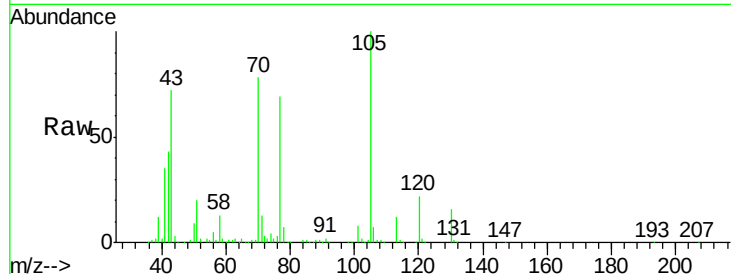
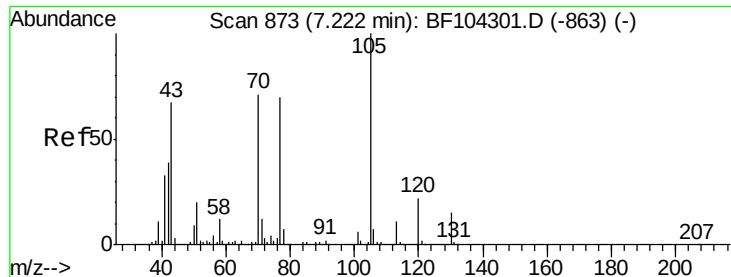
Abundance

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

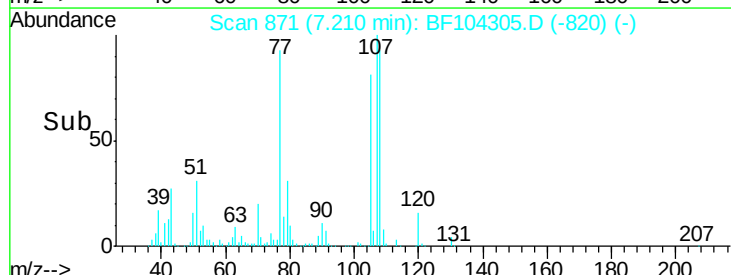
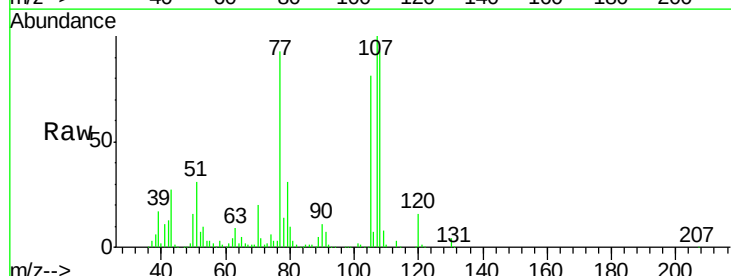
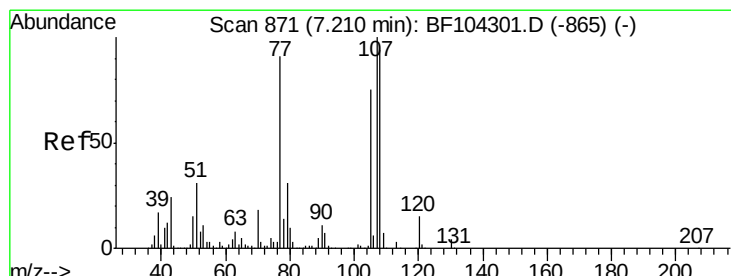
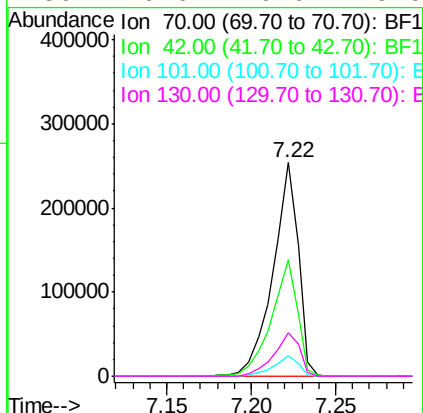




#19
n-Nitroso-di-n-propylamine
Concen: 36.838 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

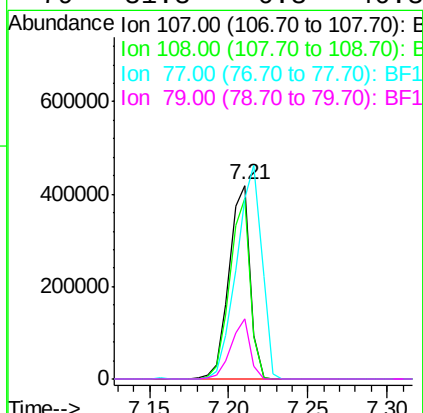
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

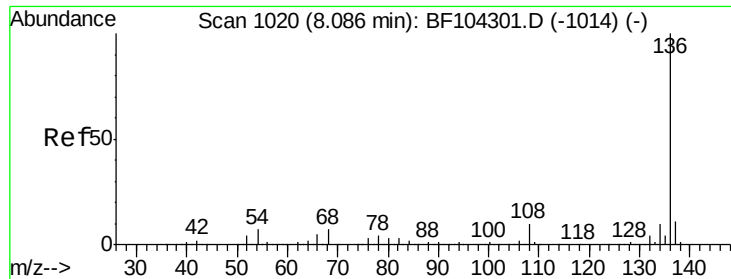
Tot Ion:	70	Resp:	264047
Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	9.8	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.122 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:	107	Resp:	387260
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.2	108.2
77	93.3	26.7	66.7#
79	31.3	6.3	46.3

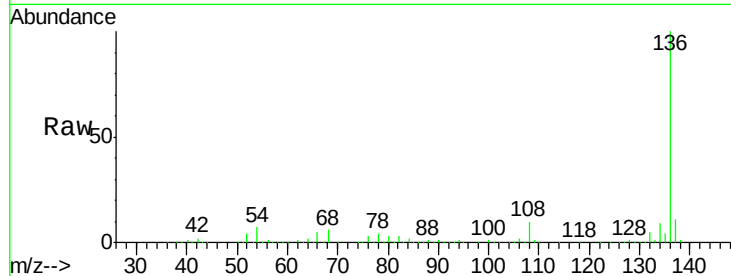




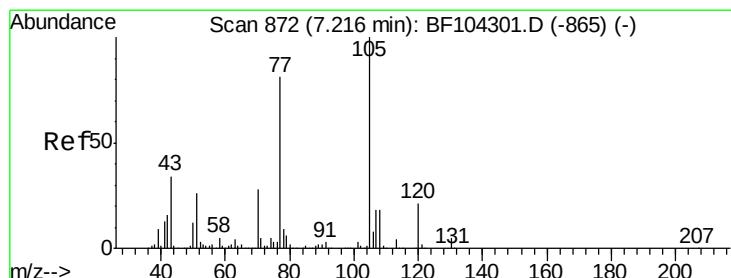
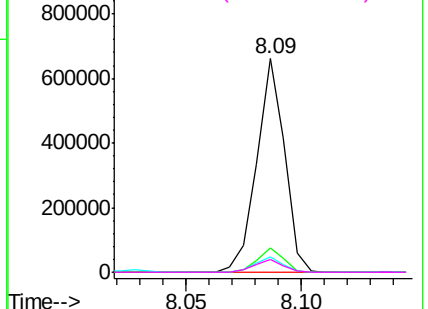
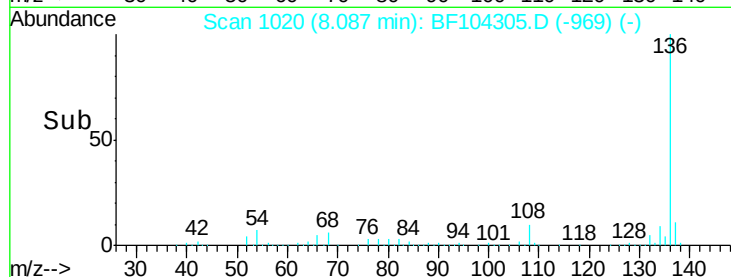
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:136	Resp:	553060
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	7.4	6.6 9.8
68	6.3	5.0 7.4

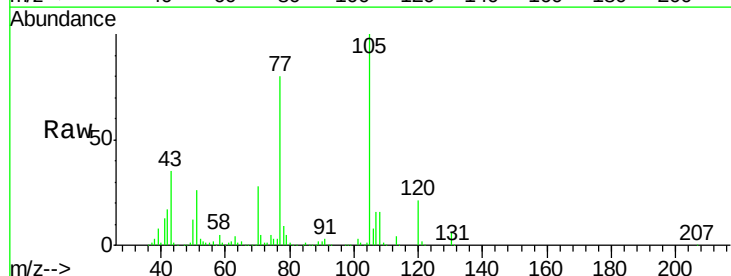


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

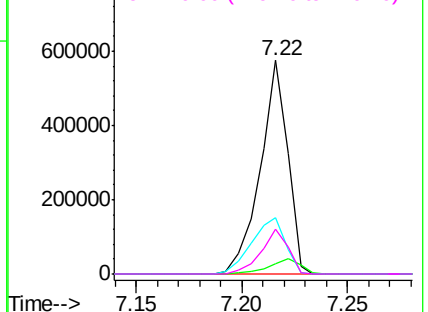
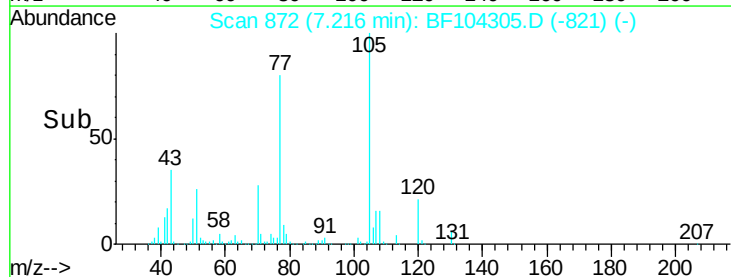


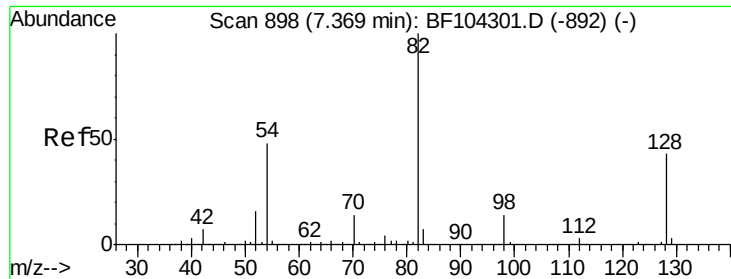
#22
Acetophenone
Concen: 38.075 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:105	Resp:	518429
Ion	Ratio	Lower Upper
105	100	
71	4.8	4.4 6.6
51	26.1	22.3 33.5
120	20.7	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

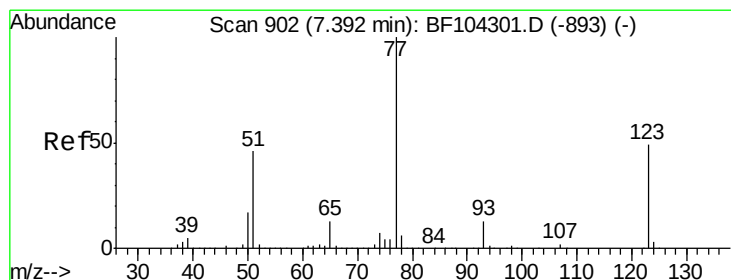
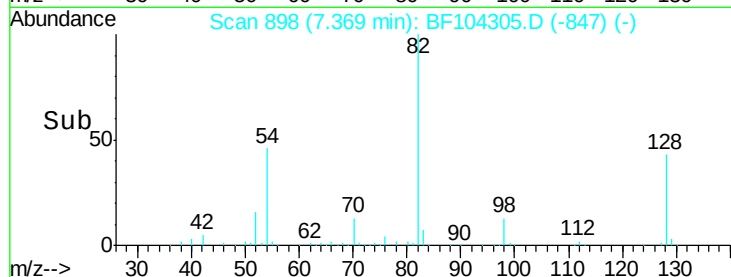
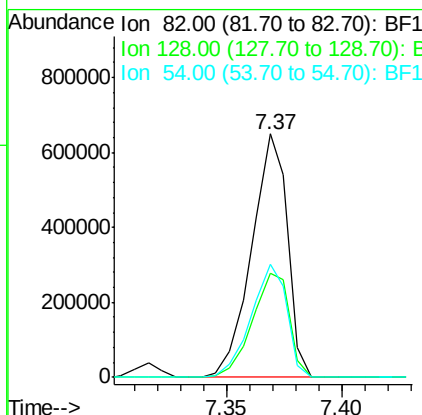
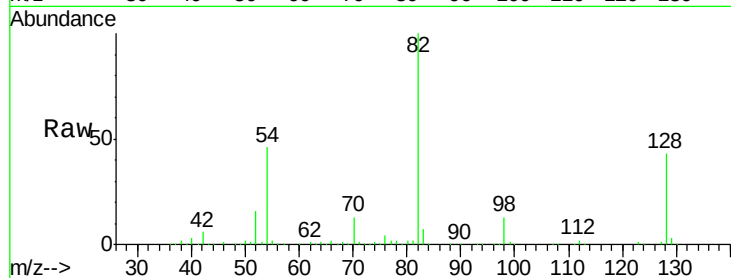




#23
 Nitrobenzene-d5
 Concen: 82.818 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

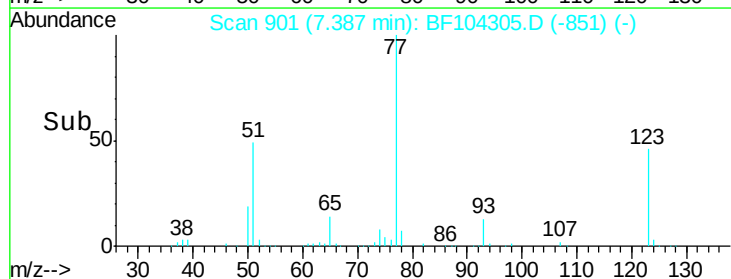
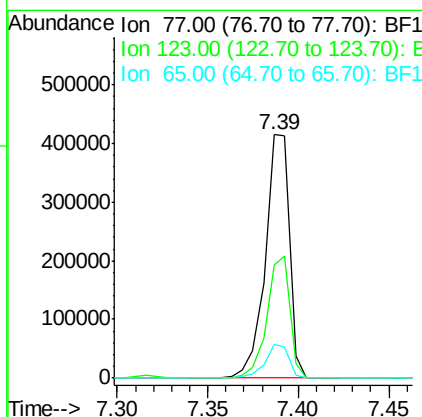
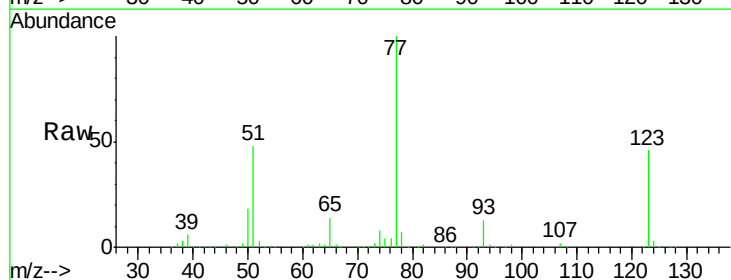
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

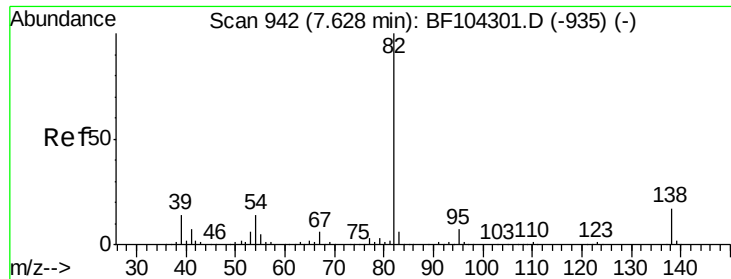
Tot Ion: 82 Resp: 701447
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 46.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.369 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion: 77 Resp: 386849
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 37.966 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

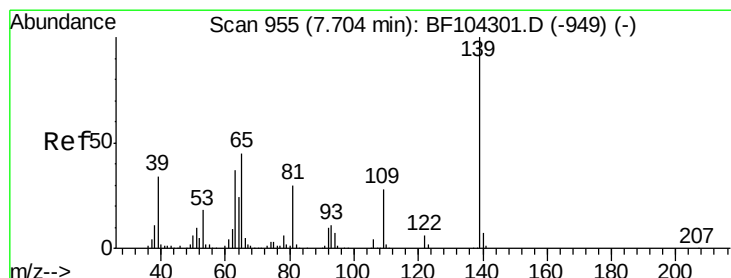
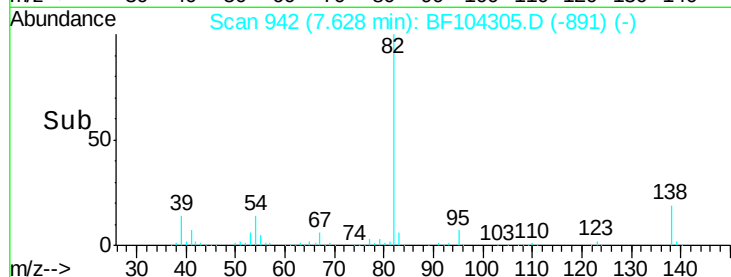
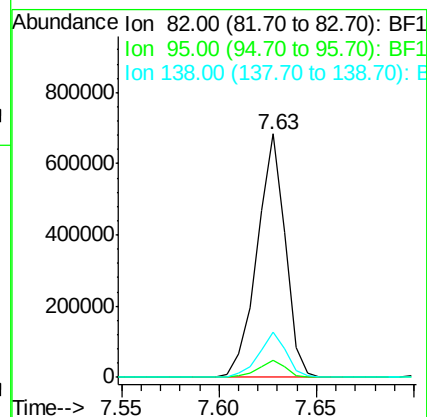
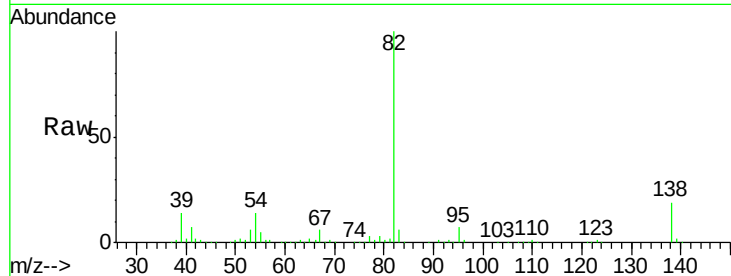
Tot Ion: 82 Resp: 679990

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 43.995 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

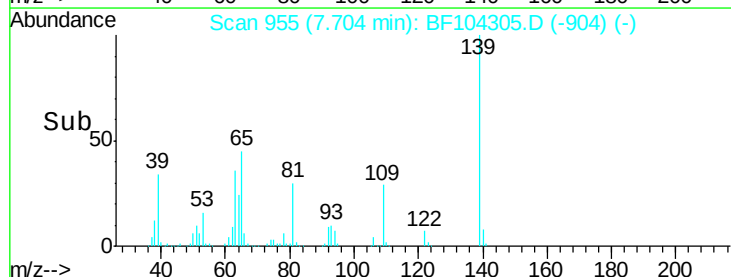
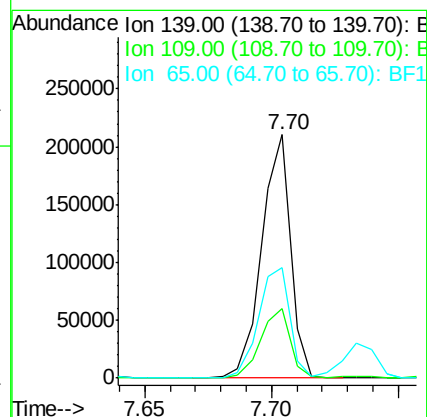
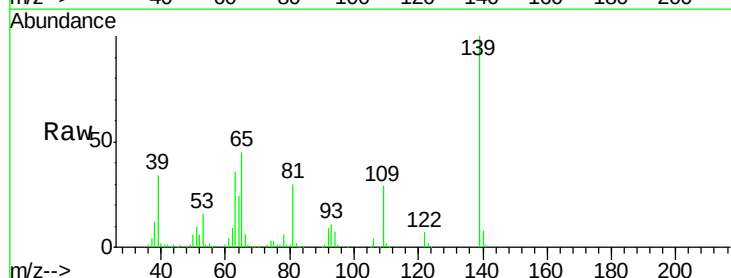
Tgt Ion: 139 Resp: 167484

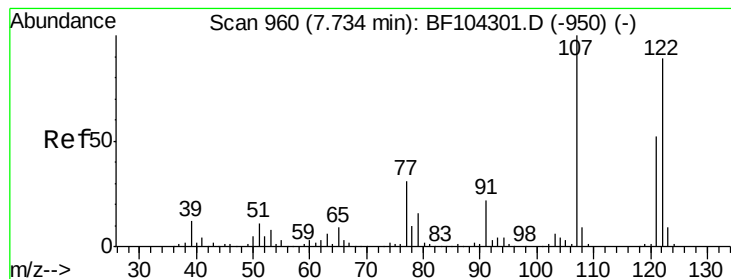
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 45.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.880 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

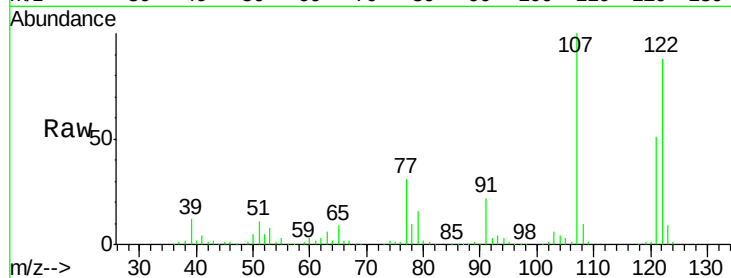
Tot Ion:122 Resp: 307330

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

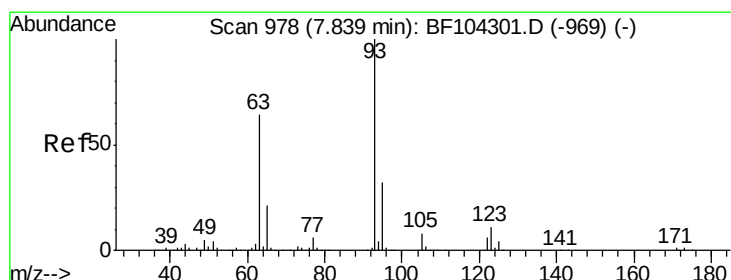
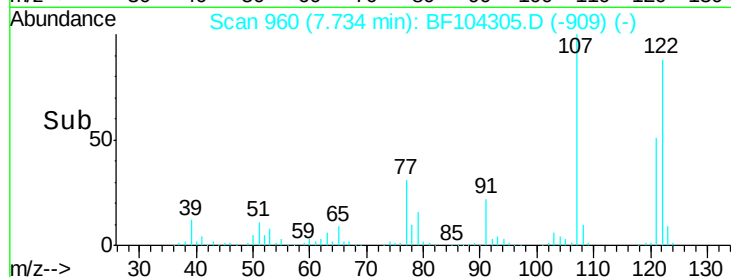
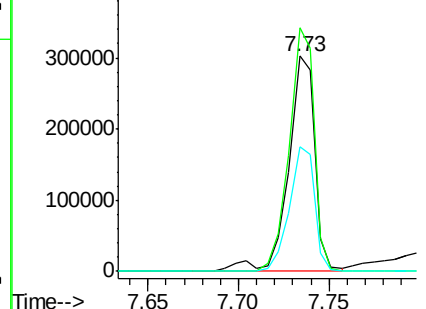
121 58.1 47.2 70.8



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: 38.251 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

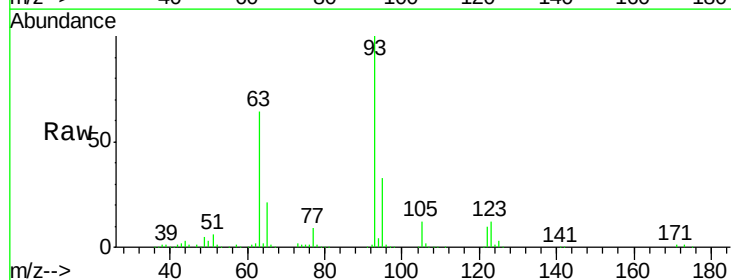
Tgt Ion: 93 Resp: 418871

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

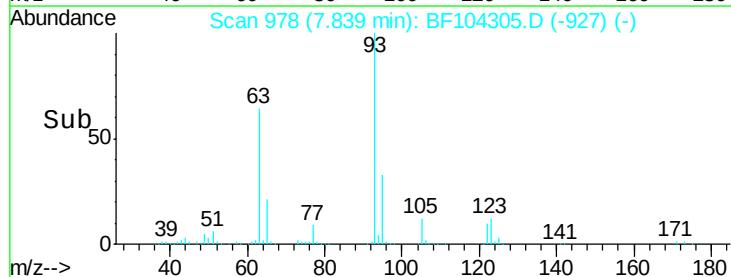
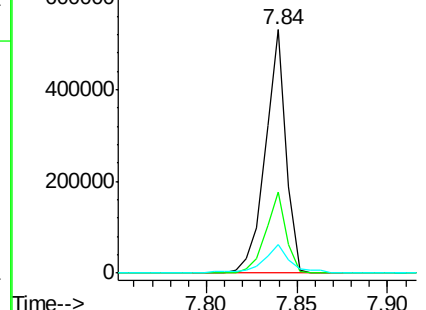
123 11.7 9.8 14.6

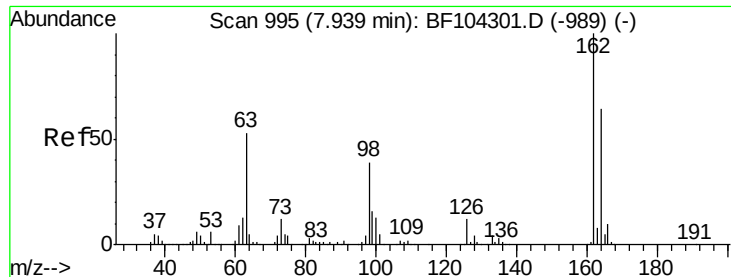


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

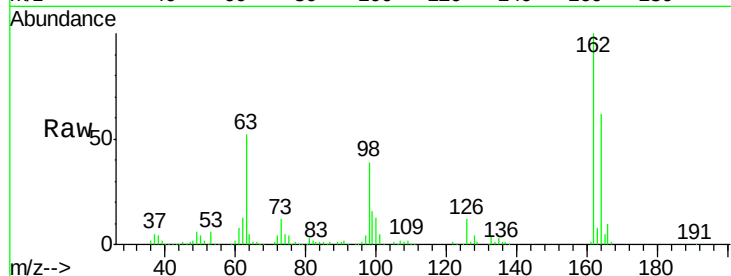




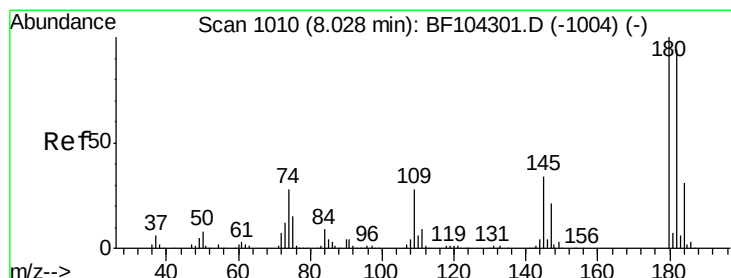
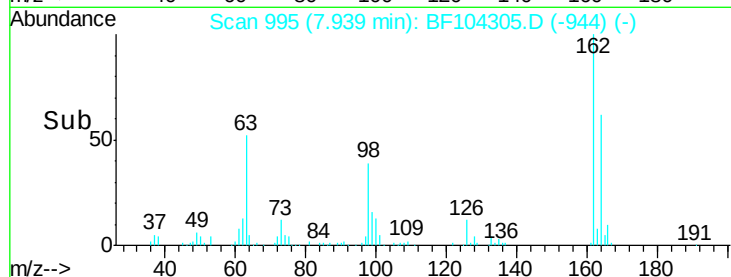
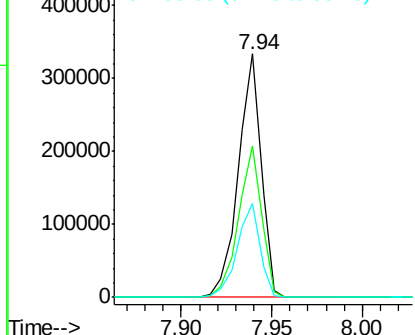
#29
 2,4-Dichlorophenol
 Concen: 38.797 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion	162	Resp	292612
Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	38.6	18.1	58.1

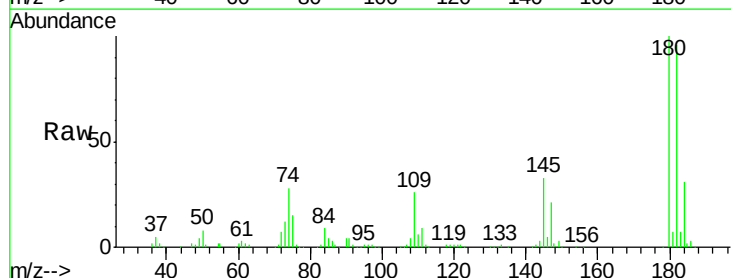


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

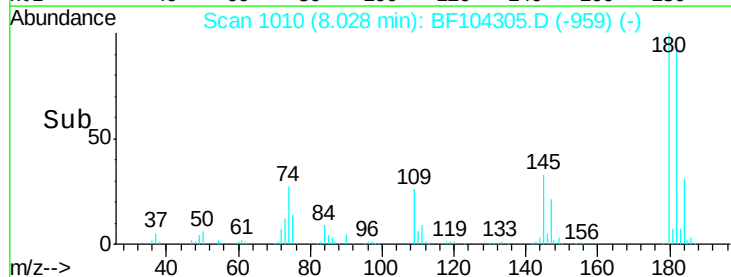
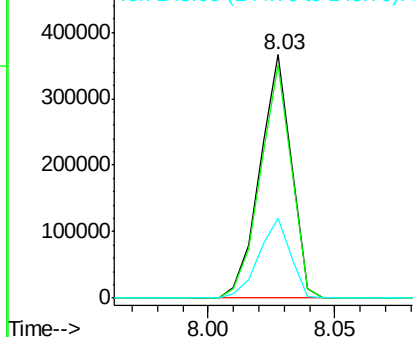


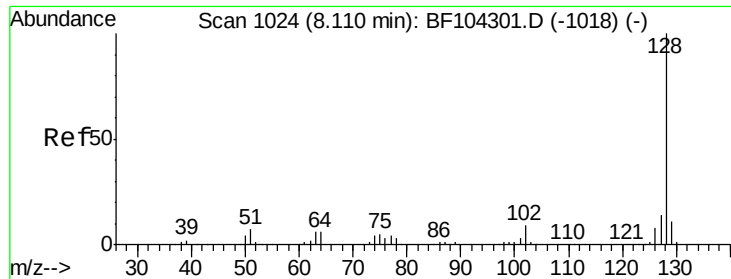
#30
 1,2,4-Trichlorobenzene
 Concen: 38.358 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion	180	Resp	317491
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	32.7	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

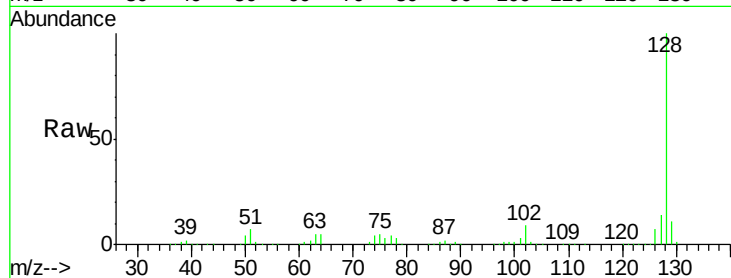




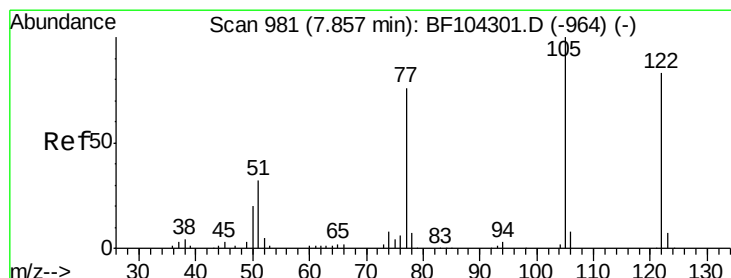
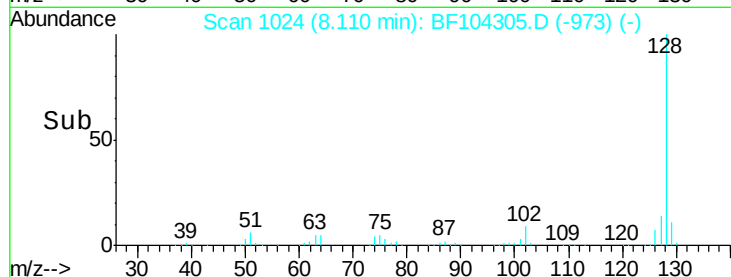
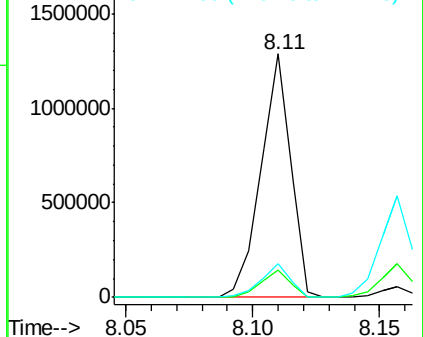
#31
Naphthalene
Concen: 38.516 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:128 Resp: 1060705
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

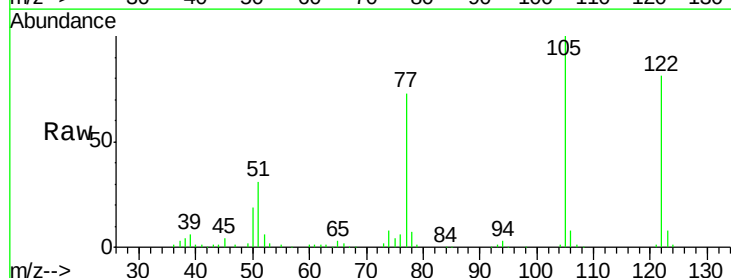


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

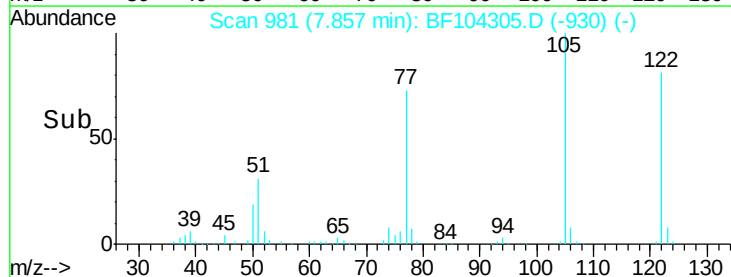
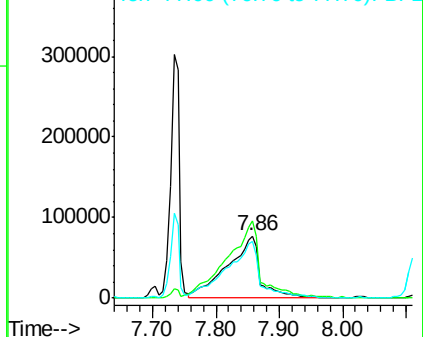


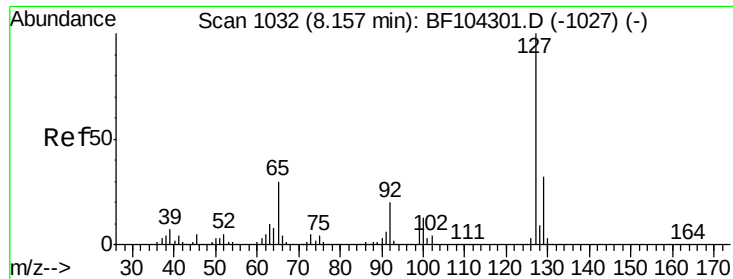
#32
Benzoic acid
Concen: 43.694 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:122 Resp: 275571
Ion Ratio Lower Upper
122 100
105 123.0 101.1 141.1
77 90.3 70.7 110.7



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

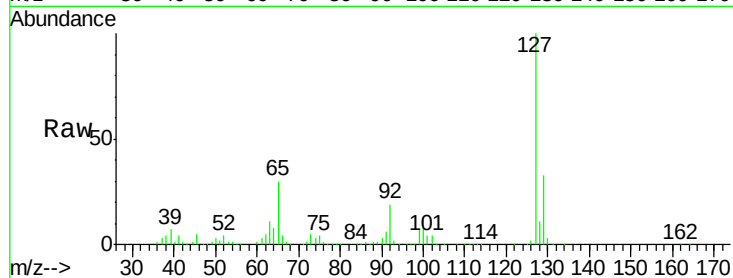




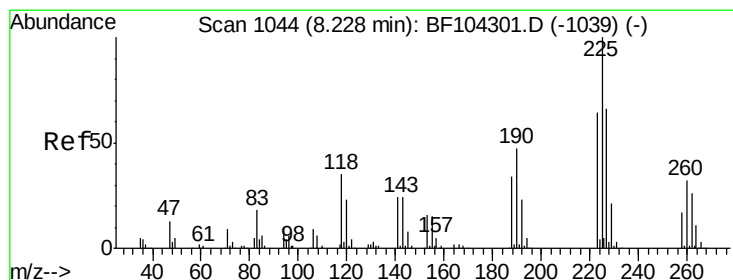
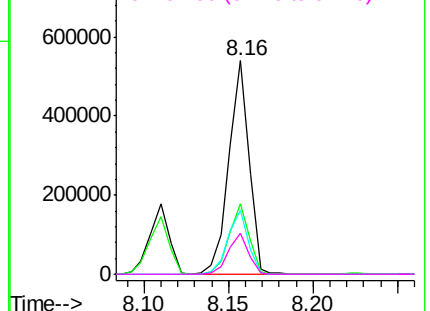
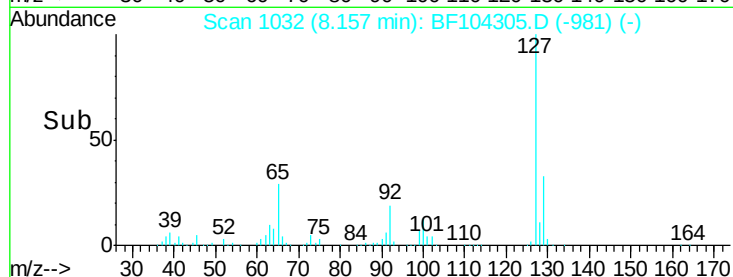
#33
4-Chloroaniline
Concen: 37.884 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:	127	Resp:	446970
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.0	25.0	37.4
92	19.5	15.2	22.8

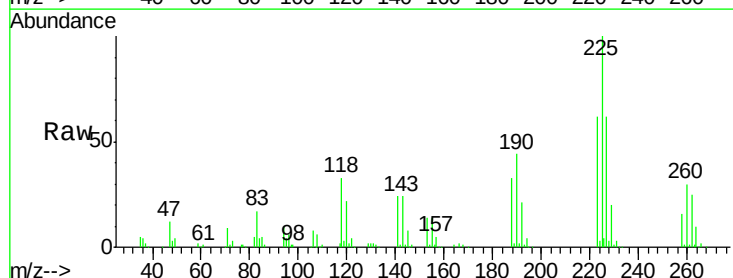


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

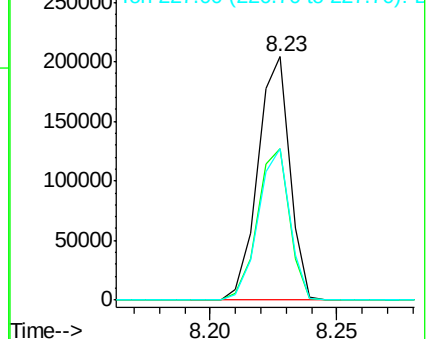
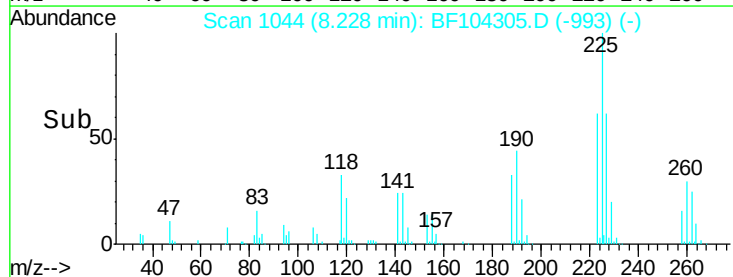


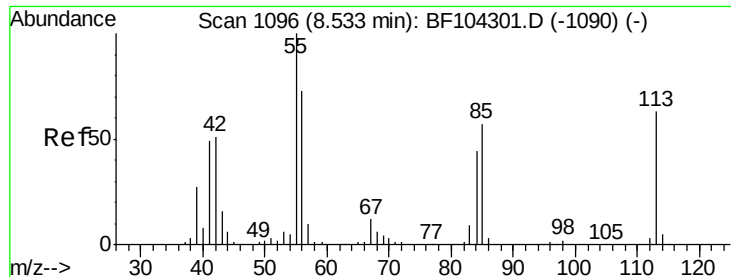
#34
Hexachlorobutadiene
Concen: 39.696 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:	225	Resp:	179971
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	62.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

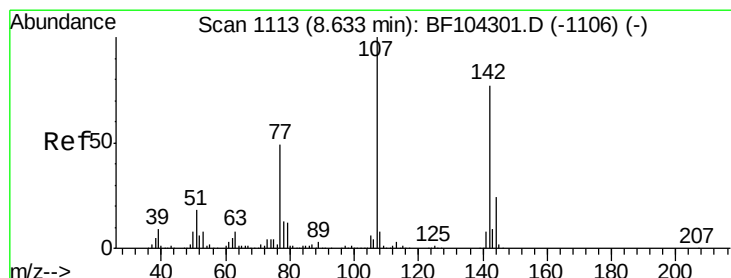
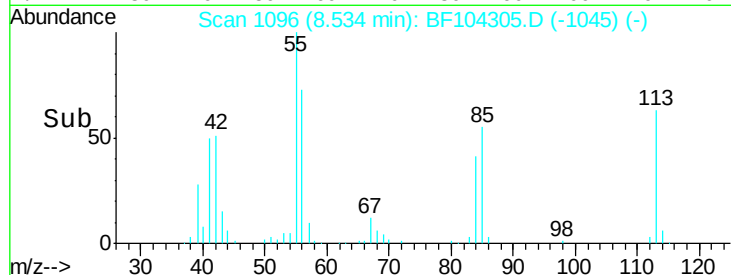
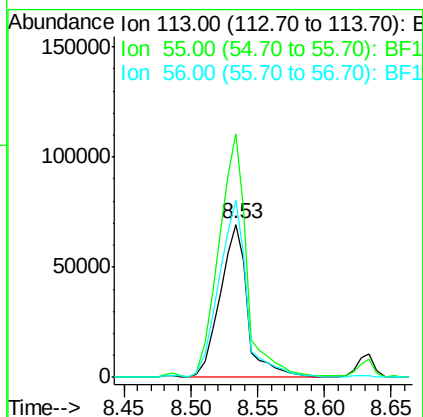
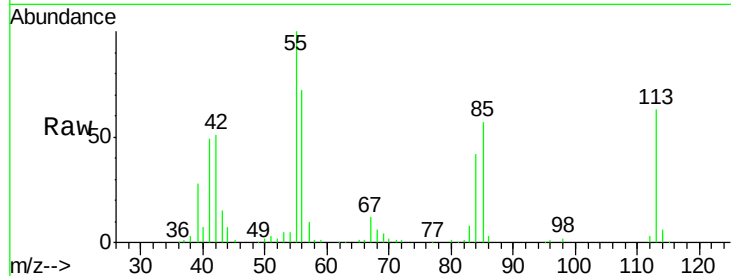




#35
 Caprolactam
 Concen: 38.173 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

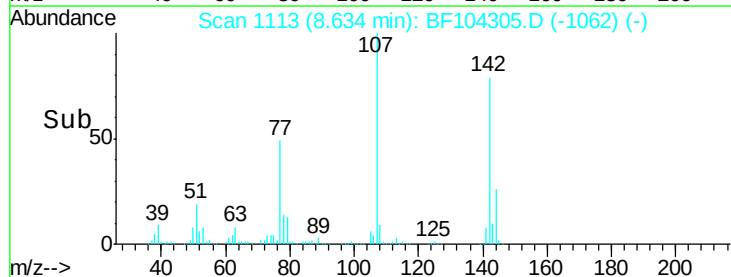
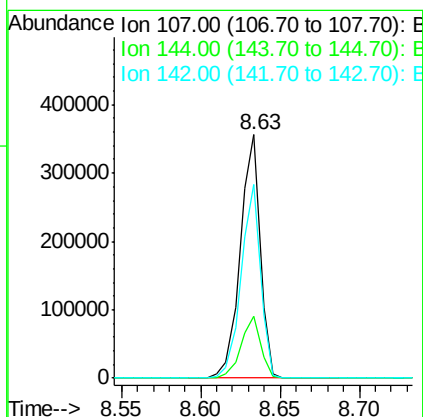
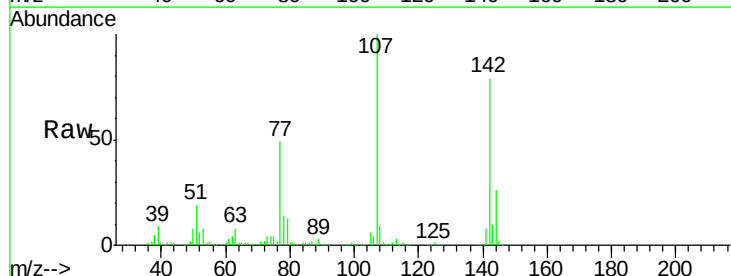
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

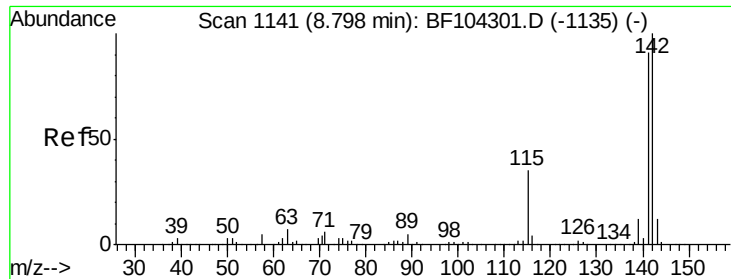
Tot Ion:113 Resp: 100434
 Ion Ratio Lower Upper
 113 100
 55 158.9 163.3 203.3#
 56 115.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.446 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion:107 Resp: 310919
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.3 62.0 93.0

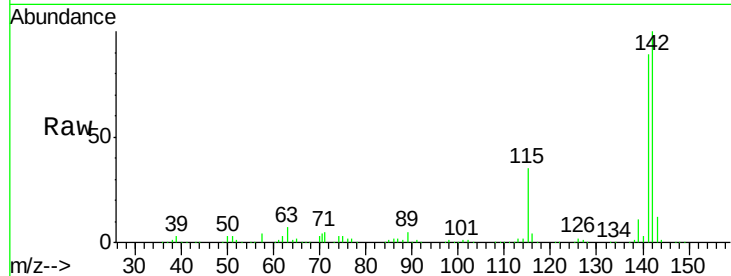




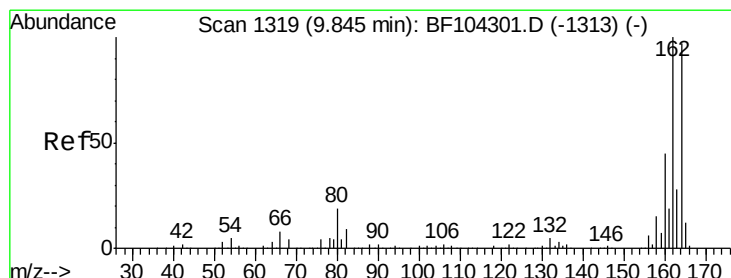
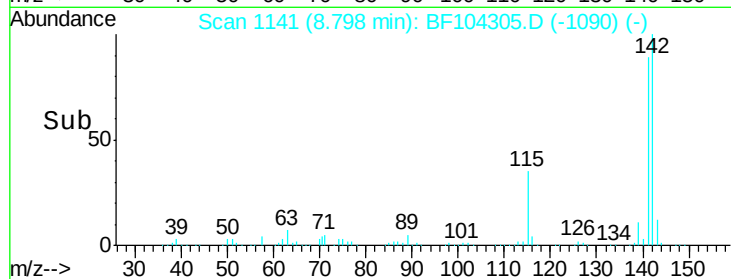
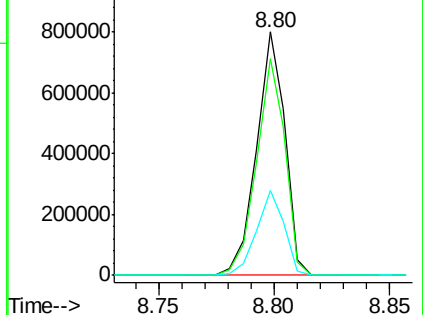
#37
2-Methylnaphthalene
Concen: 38.611 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:142 Resp: 687809
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 34.9 26.1 39.1

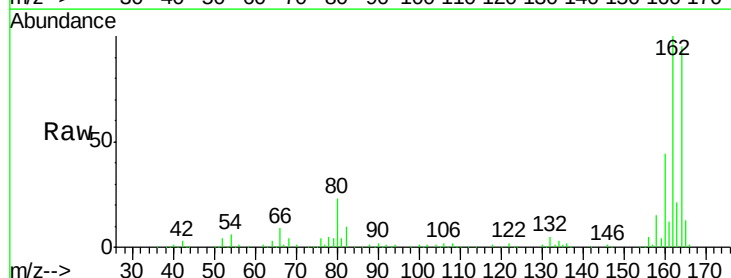


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

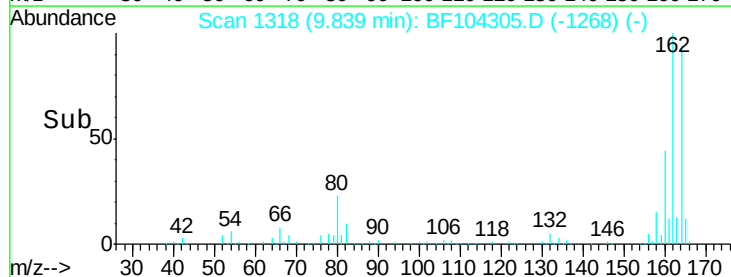
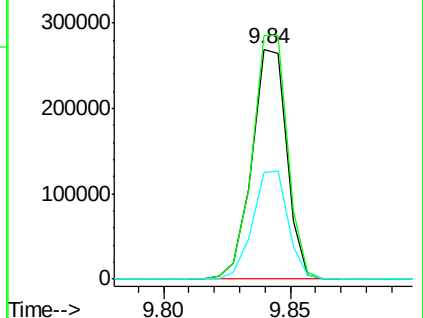


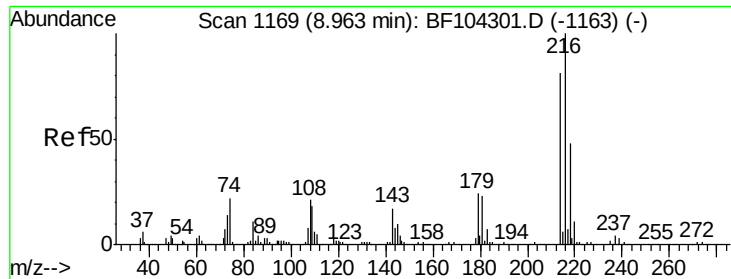
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:164 Resp: 258956
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 46.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.823 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

Tot Ion:216 Resp: 287788

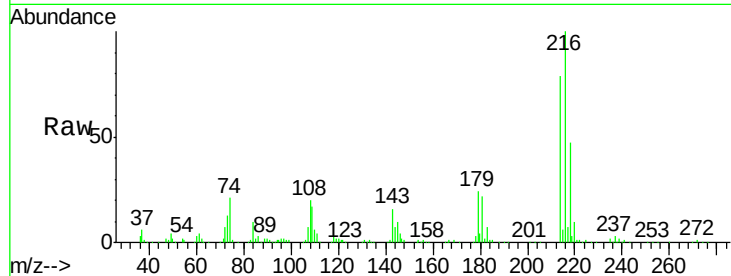
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.9 18.1 27.1

108 21.8 17.2 25.8

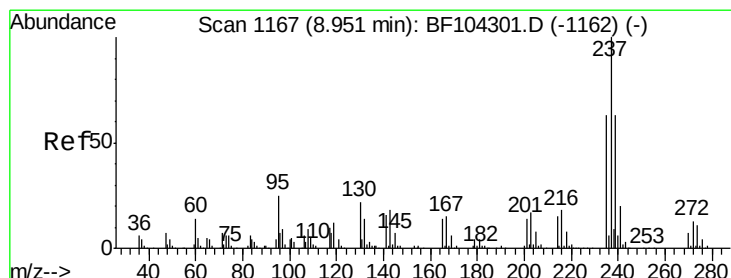
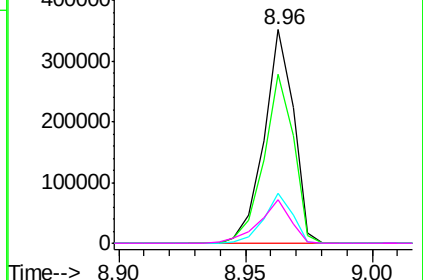
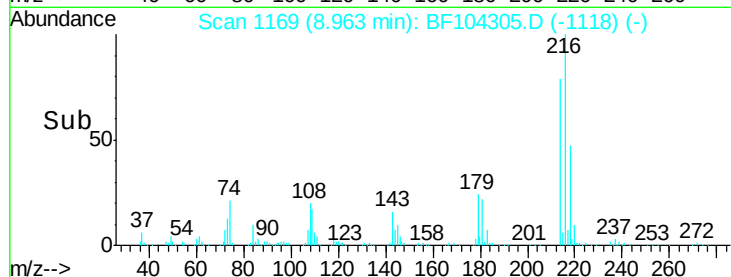


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.268 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

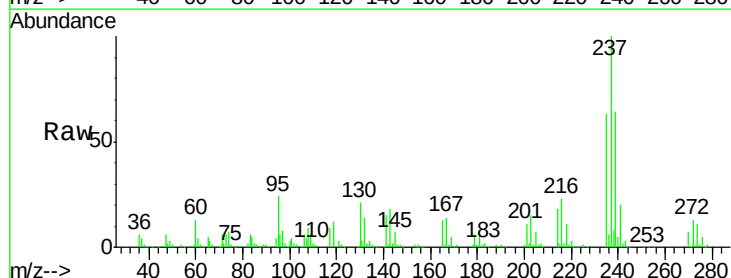
Tgt Ion:237 Resp: 167109

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

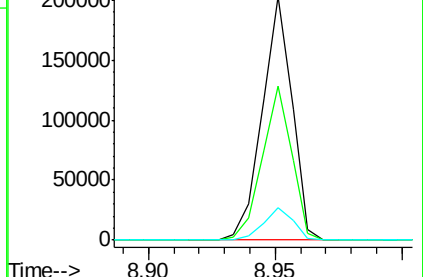
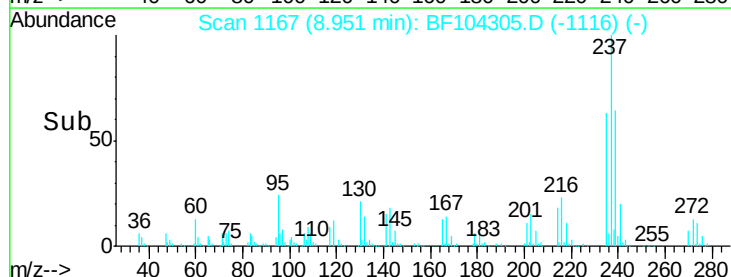
272 13.1 0.0 33.3

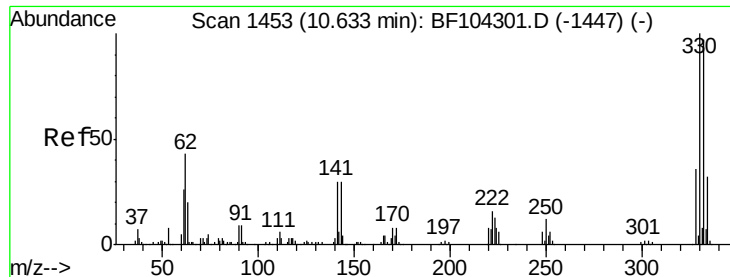


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.013 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

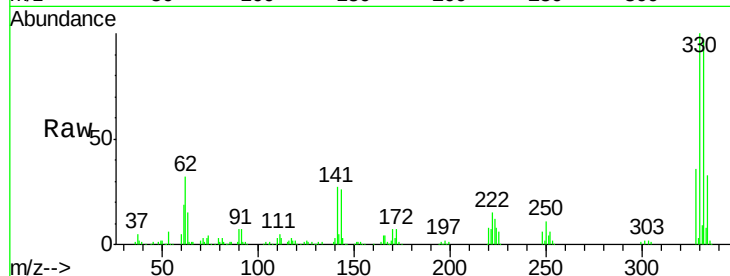
Tot Ion:330 Resp: 209559

Ion Ratio Lower Upper

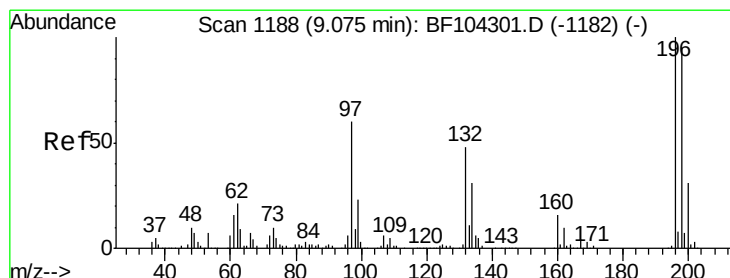
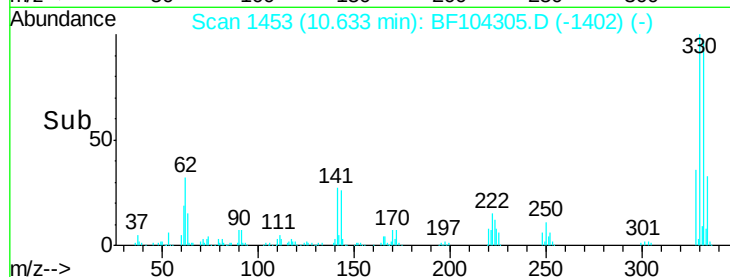
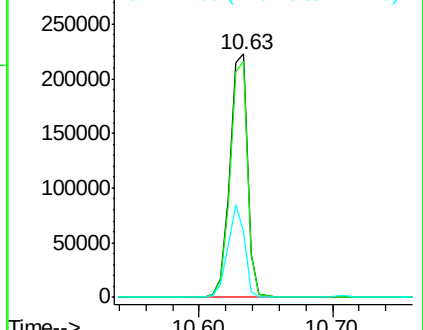
330 100

332 96.2 77.0 115.6

141 36.1 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 39.147 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

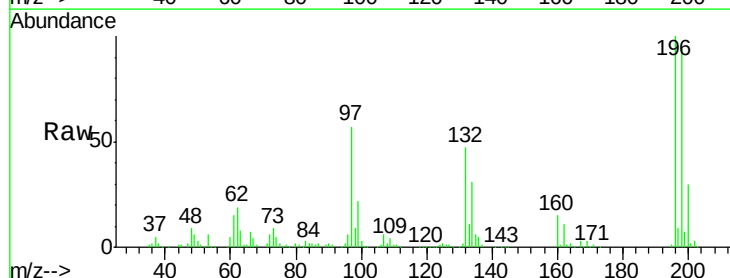
Tgt Ion:196 Resp: 201447

Ion Ratio Lower Upper

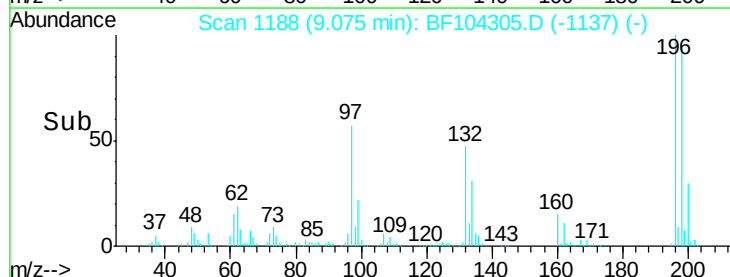
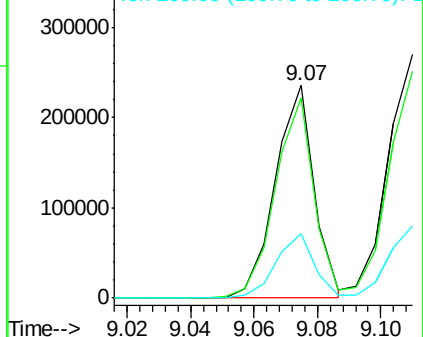
196 100

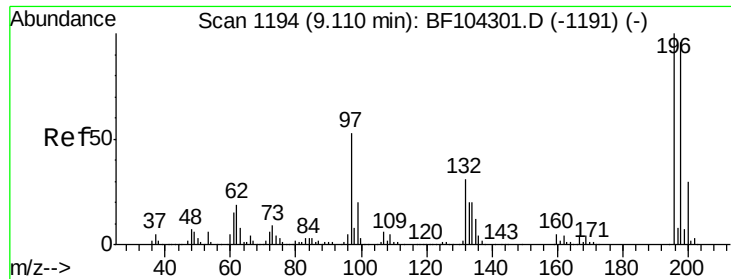
198 94.3 75.7 113.5

200 30.1 24.5 36.7



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

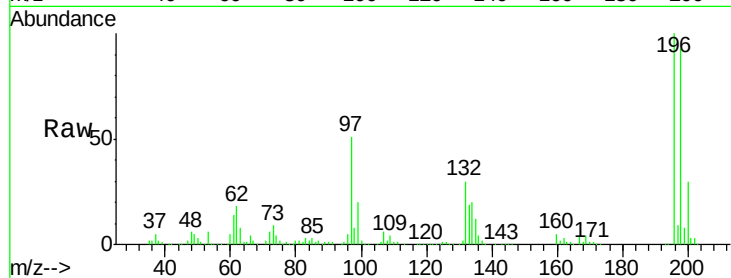




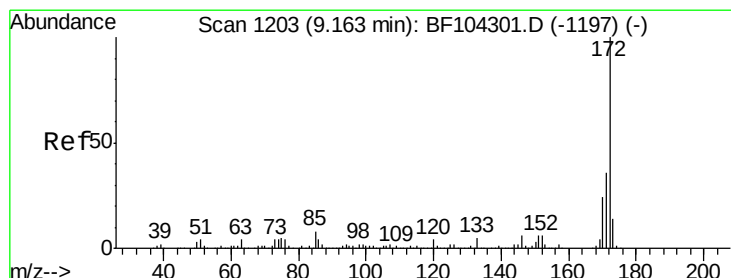
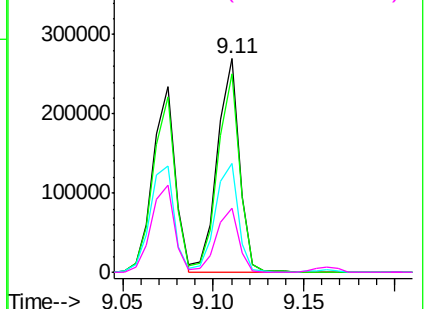
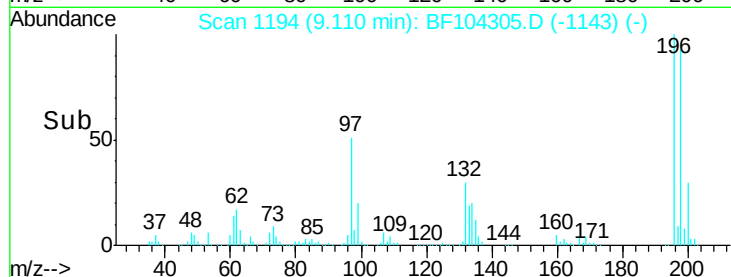
#43
 2,4,5-Trichlorophenol
 Concen: 39.479 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion:196	Resp:	227333
Ion Ratio	Lower	Upper
196	100	
198	93.1	74.6 112.0
97	50.8	42.9 64.3
132	30.1	26.3 39.5

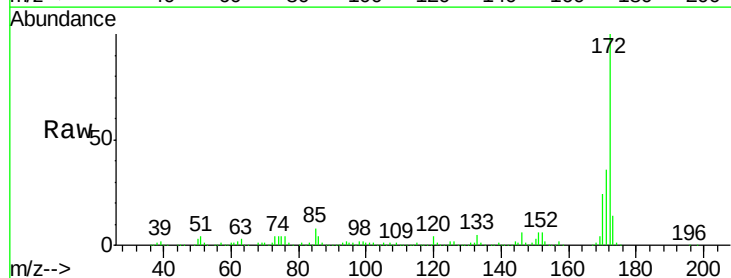


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

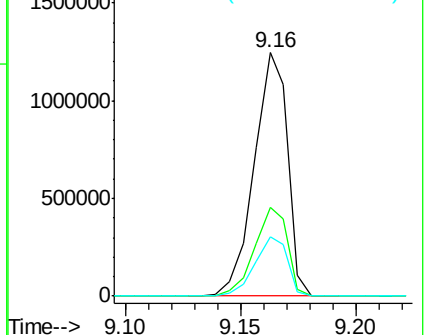
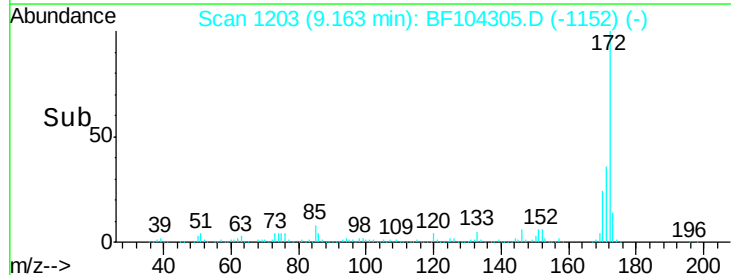


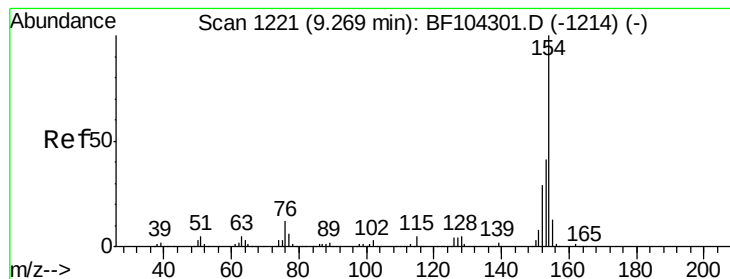
#44
 2-Fluorobiphenyl
 Concen: 76.431 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion:172	Resp:	1252876
Ion Ratio	Lower	Upper
172	100	
171	36.4	29.7 44.5
170	24.3	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 38.278 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

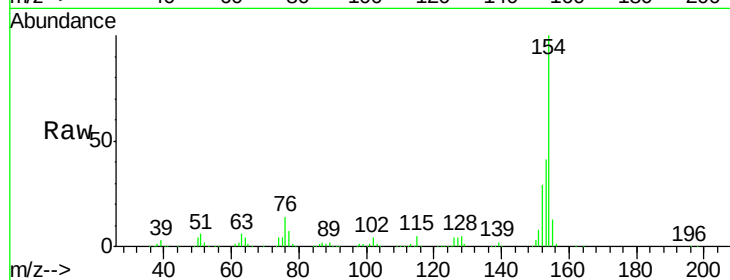
Tot Ion:154 Resp: 832705

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

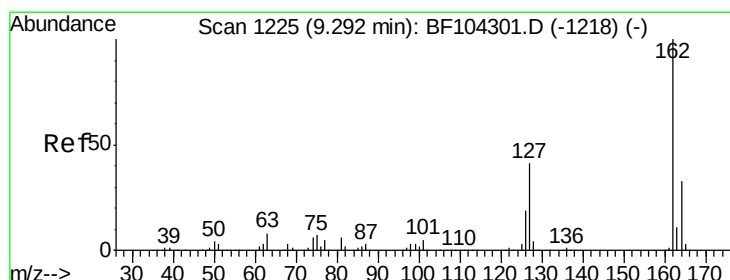
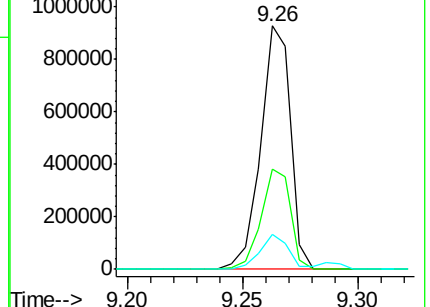
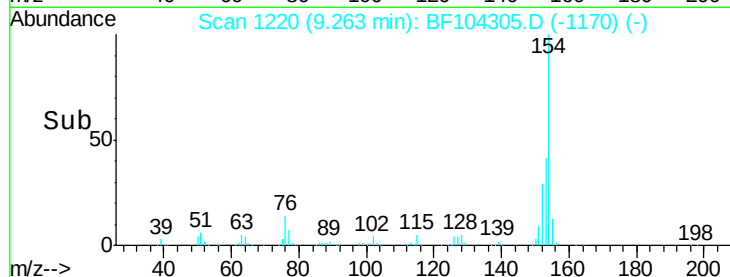
76 14.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.292 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

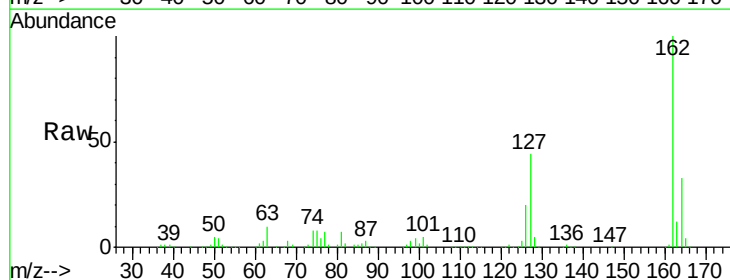
Tgt Ion:162 Resp: 657973

Ion Ratio Lower Upper

162 100

127 43.5 33.9 50.9

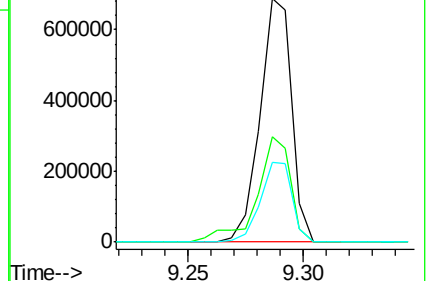
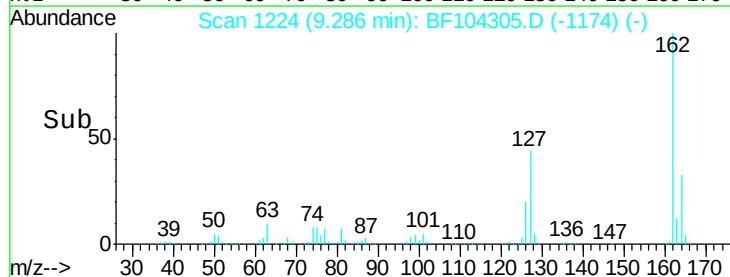
164 32.9 26.5 39.7

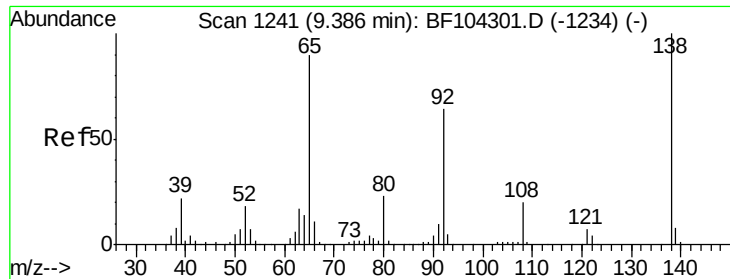


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

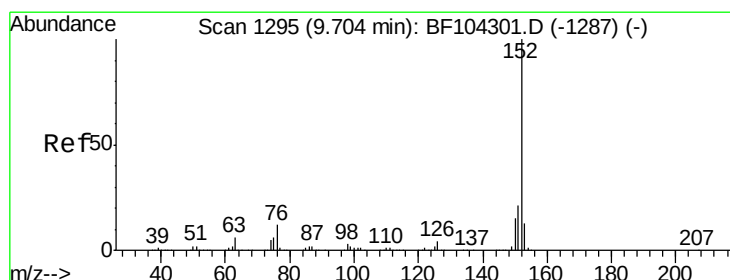
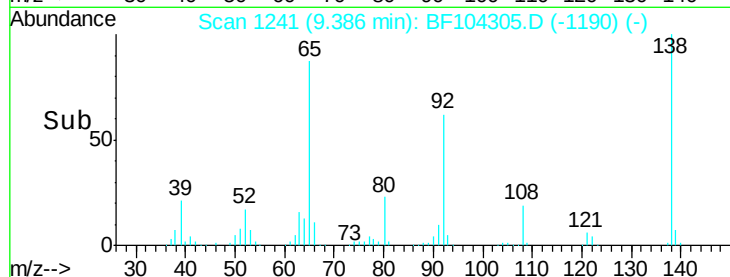
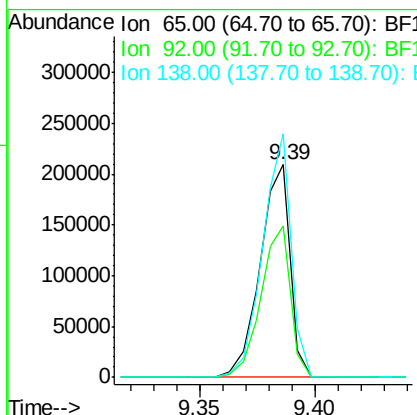
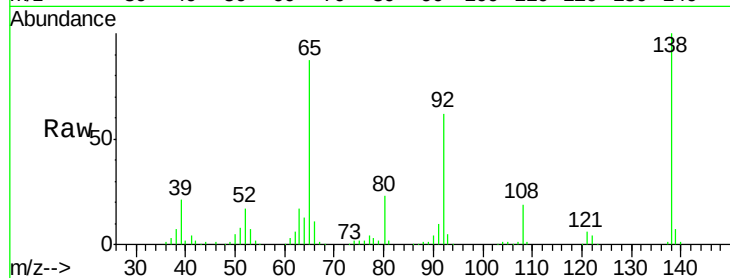




#47
 2-Nitroaniline
 Concen: 44.446 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

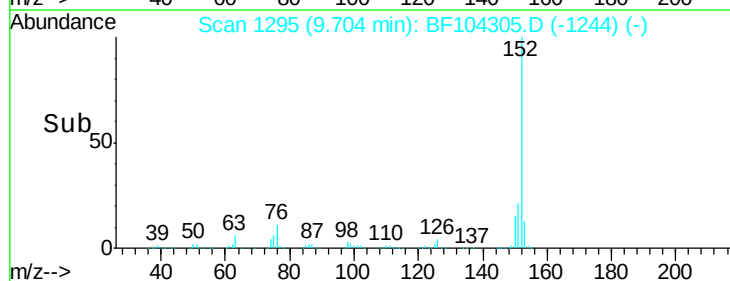
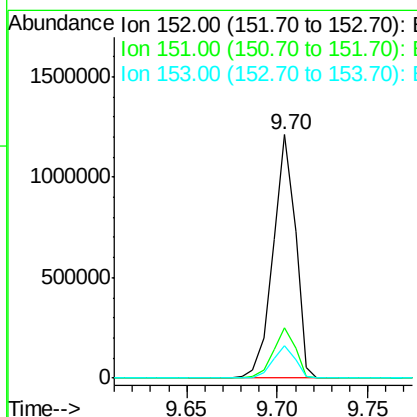
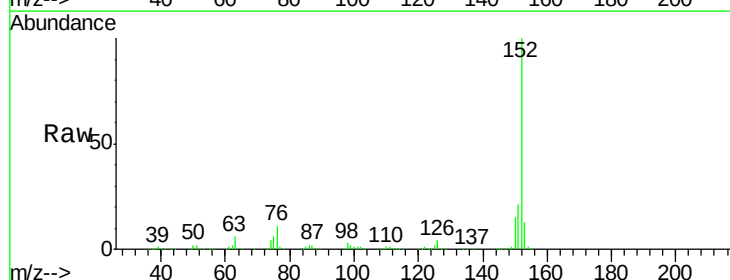
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

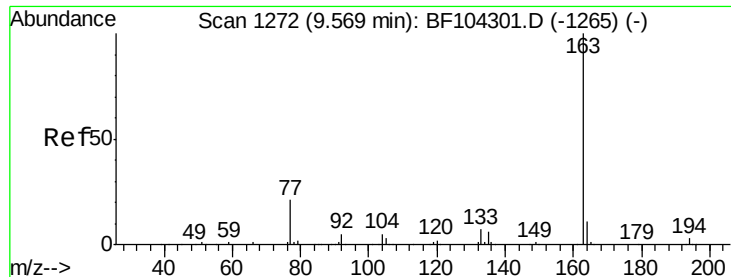
Tot Ion: 65 Resp: 188866
 Ion Ratio Lower Upper
 65 100
 92 71.6 55.8 83.6
 138 114.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.406 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion: 152 Resp: 1035412
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1

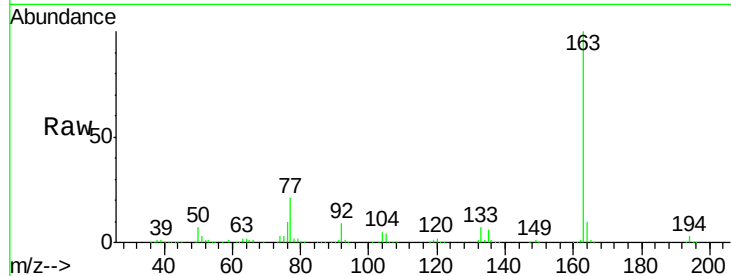




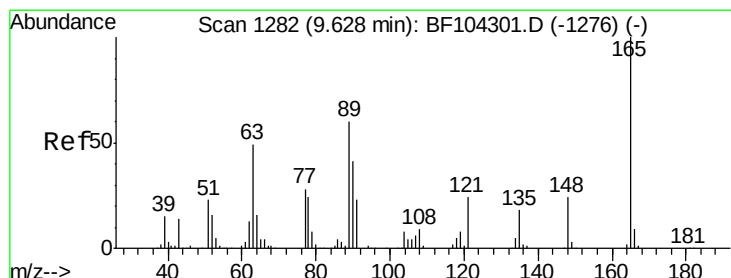
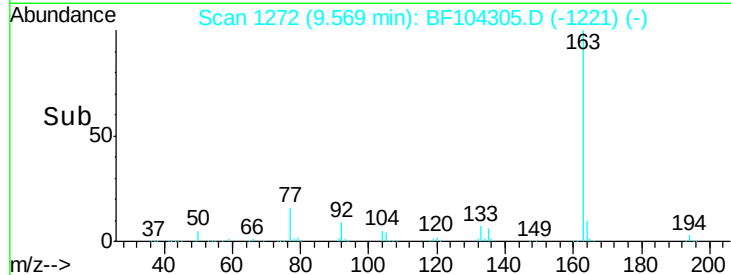
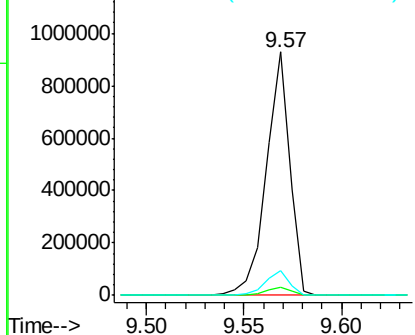
#49
Dimethylphthalate
Concen: 38.075 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:163 Resp: 777514
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

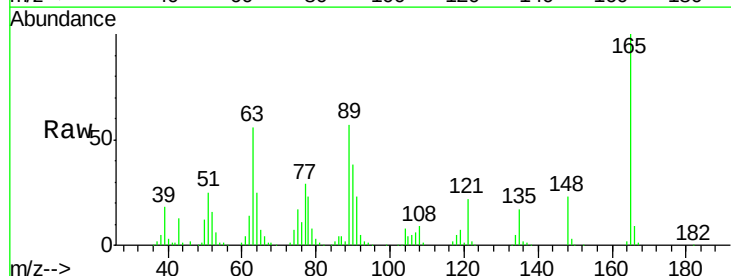


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

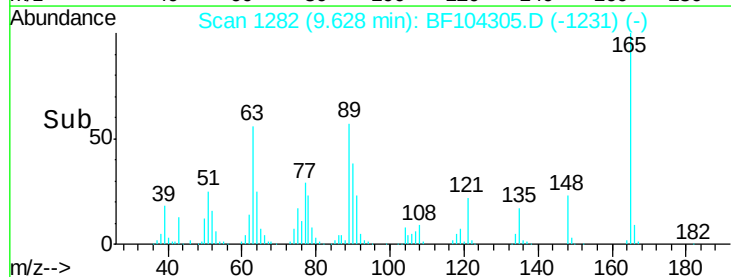
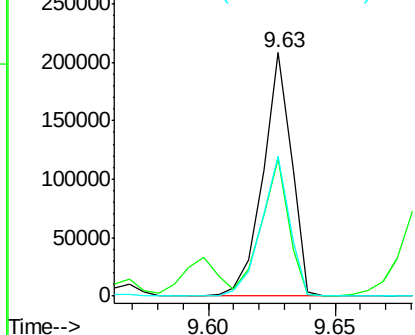


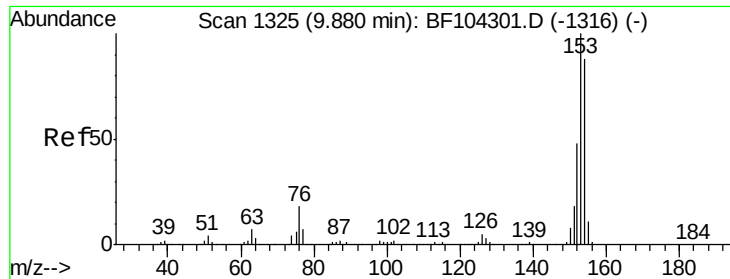
#50
2,6-Dinitrotoluene
Concen: 43.526 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:165 Resp: 164469
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 57.4 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: 38.804 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

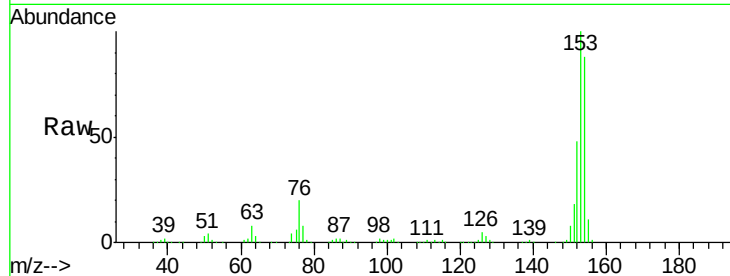
Tot Ion:154 Resp: 638279

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

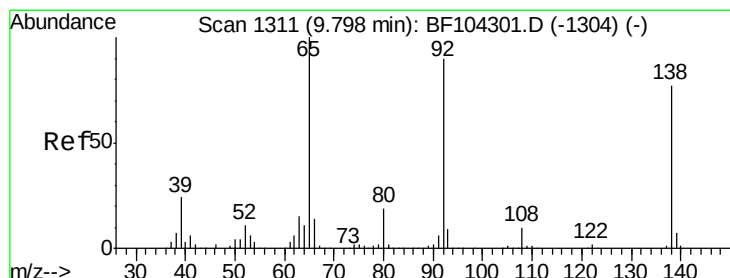
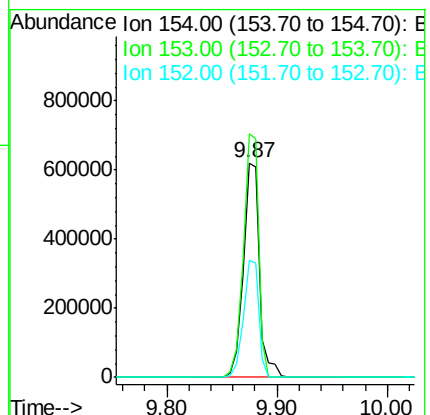
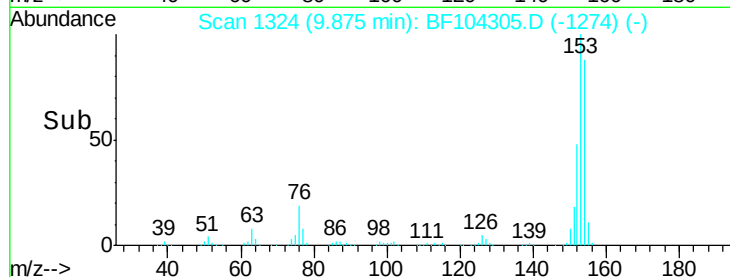
152 54.3 43.8 65.8



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: 43.035 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

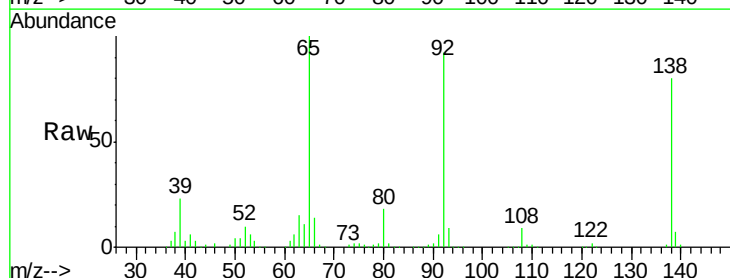
Tgt Ion:138 Resp: 190373

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

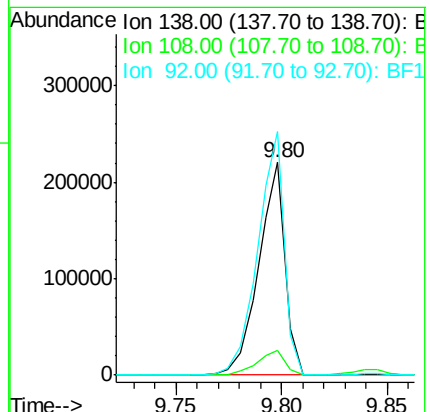
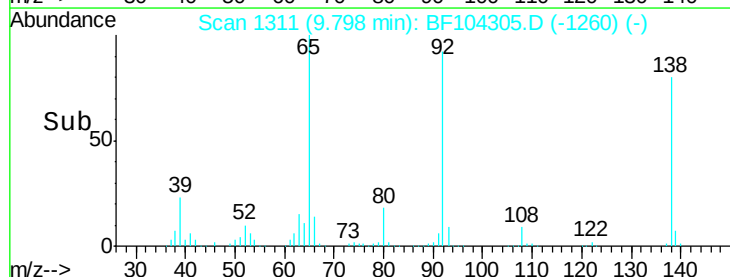
92 114.7 89.4 134.2

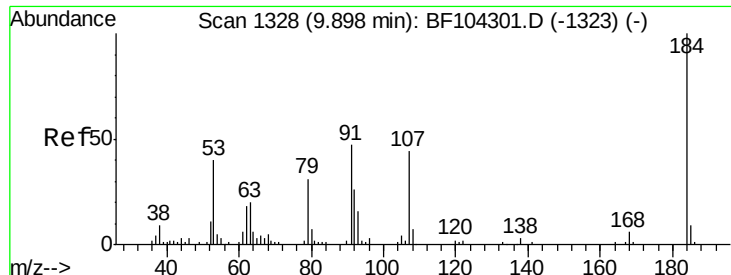


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

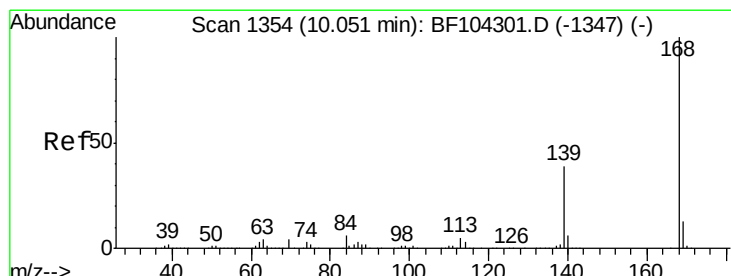
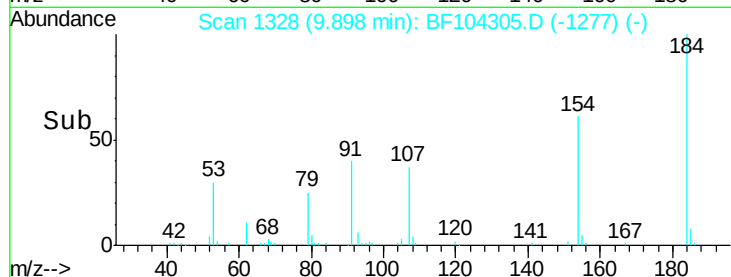
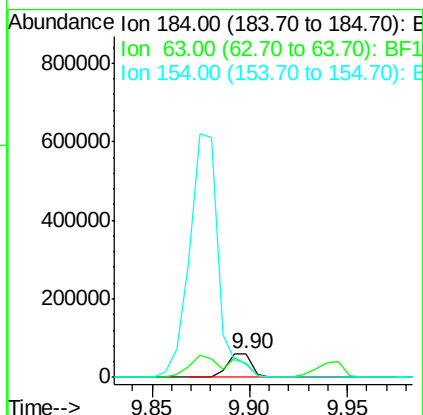
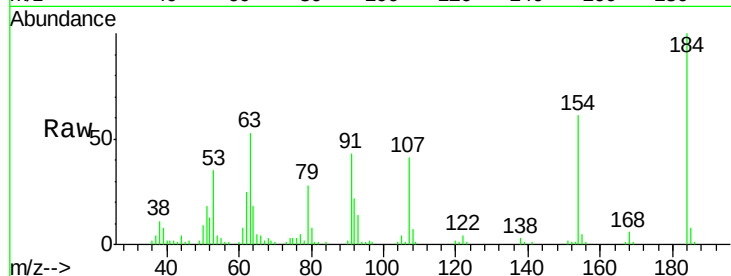




#53
 2,4-Dinitrophenol
 Concen: 43.664 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

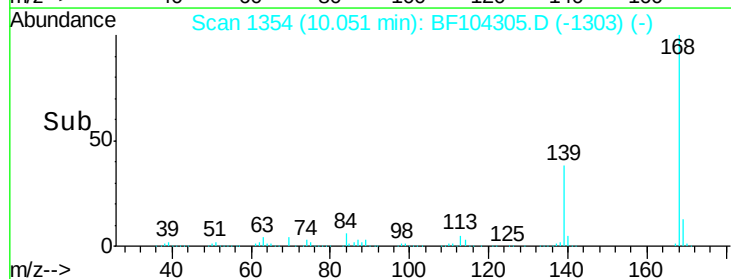
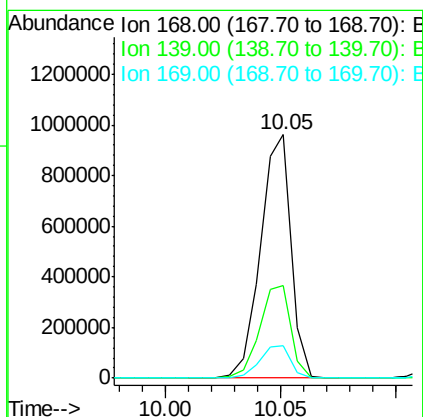
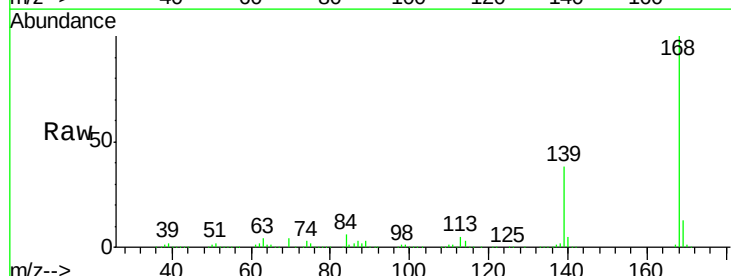
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

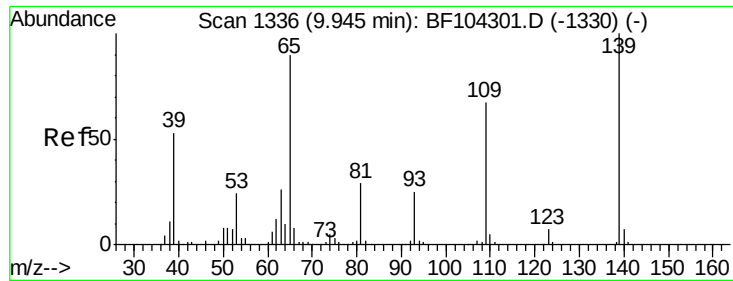
Tot Ion:184 Resp: 52258
 Ion Ratio Lower Upper
 184 100
 63 52.8 54.2 81.2#
 154 60.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.649 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion:168 Resp: 885962
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.1 10.9 16.3

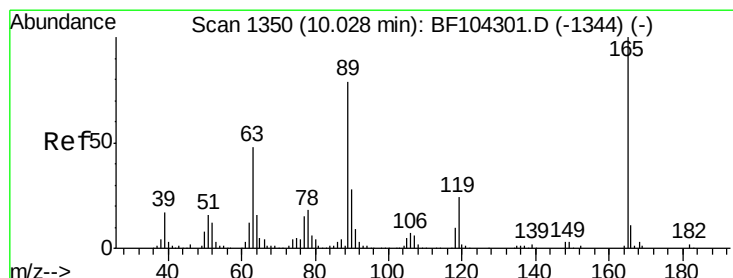
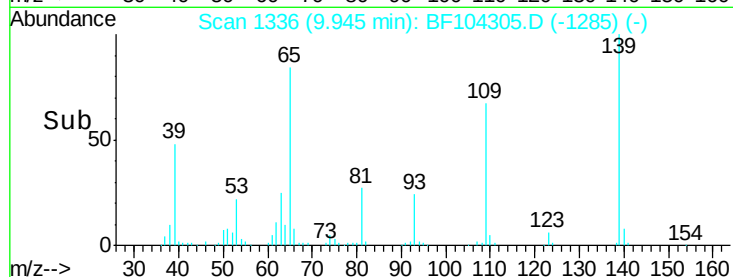
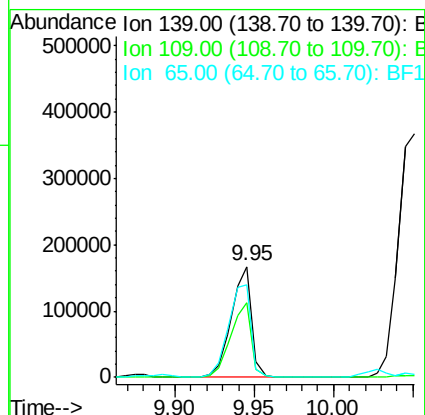
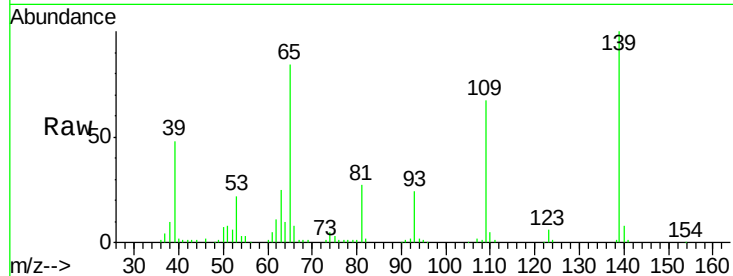




#55
4-Nitrophenol
Concen: 42.955 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

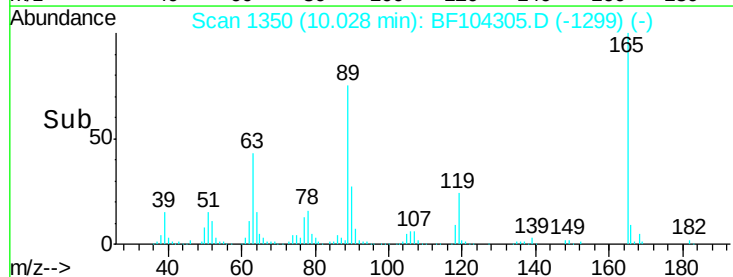
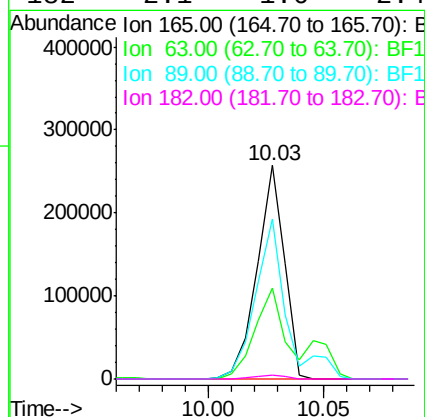
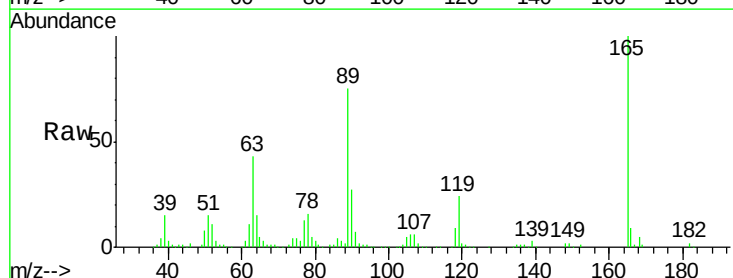
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

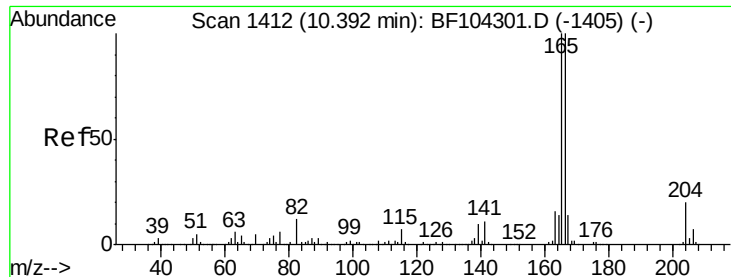
Tot Ion:139 Resp: 149263
Ion Ratio Lower Upper
139 100
109 67.2 48.4 88.4
65 83.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.985 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:165 Resp: 213054
Ion Ratio Lower Upper
165 100
63 42.6 36.4 54.6
89 74.9 57.8 86.6
182 2.1 1.6 2.4

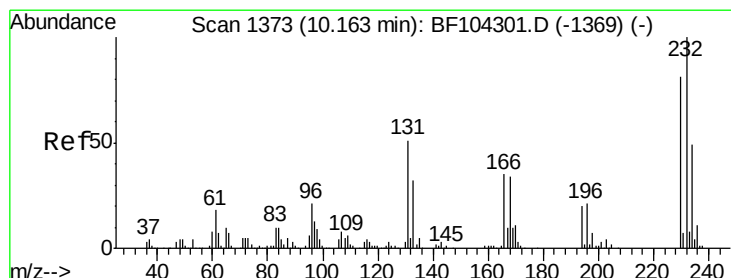
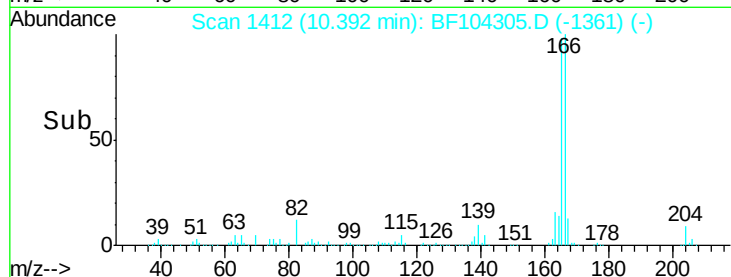
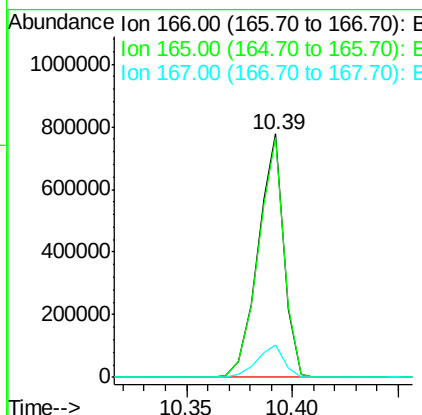
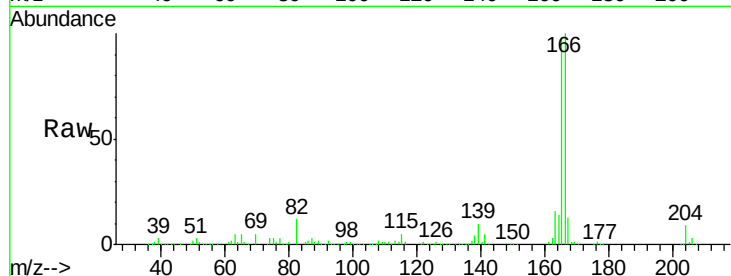




#57
 Fluorene
 Concen: 39.453 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

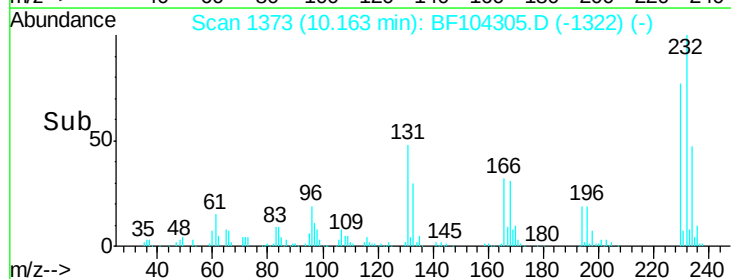
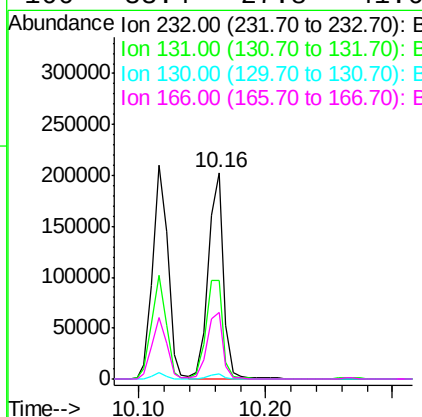
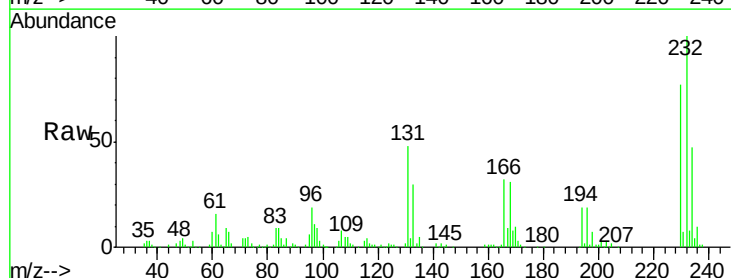
Instrument :
 BNA_F
 ClientSampleID :
 ICVBF040618

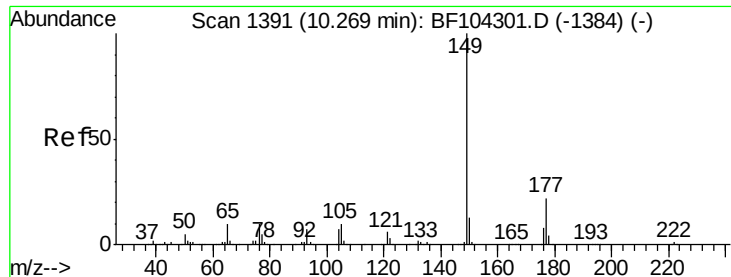
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.809 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.5	43.8	65.8
130	2.4	2.1	3.1
166	33.4	27.8	41.6

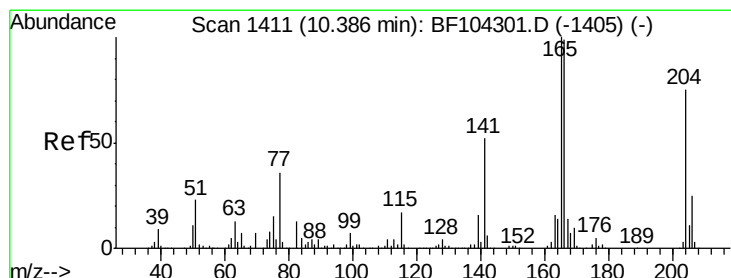
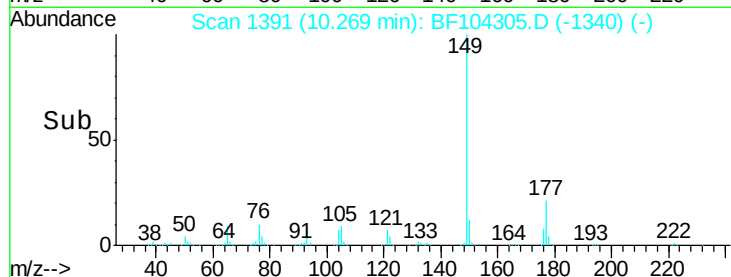
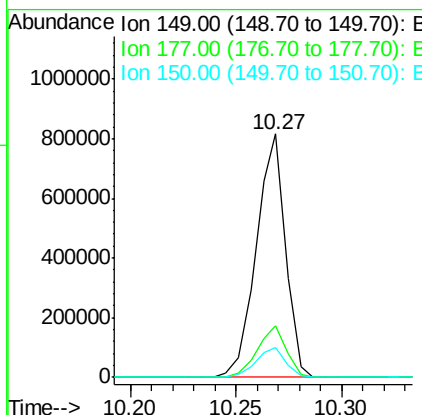
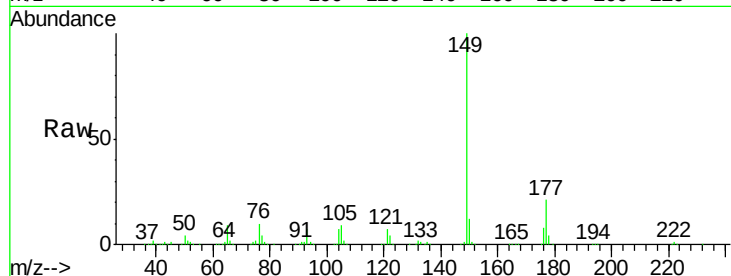




#59
Diethylphthalate
Concen: 38.573 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

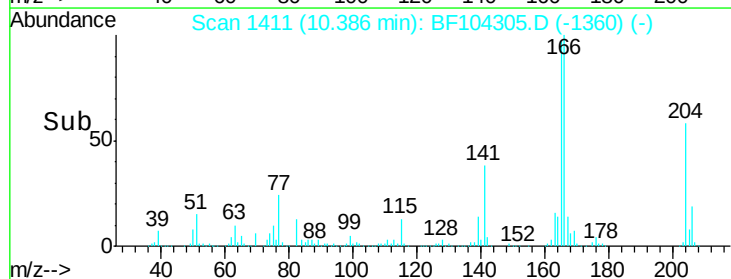
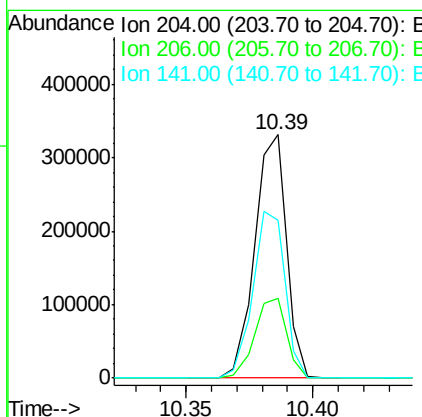
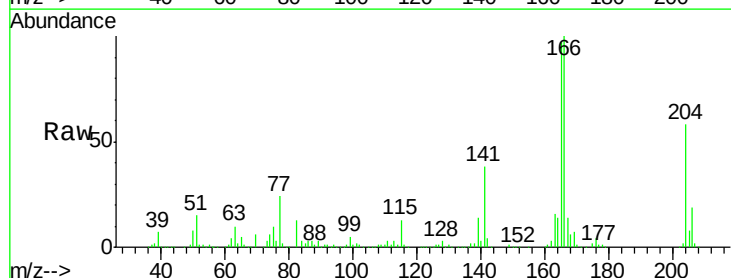
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

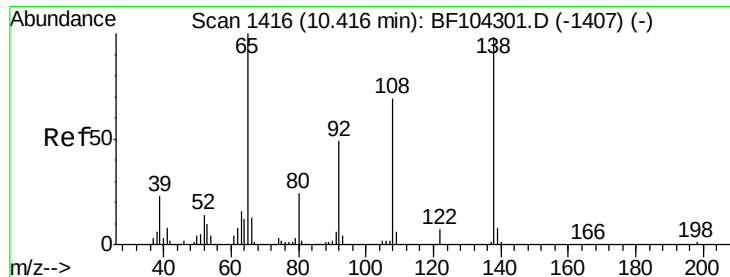
Tot Ion:149 Resp: 784474
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.092 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:204 Resp: 290482
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.1 54.6 81.8

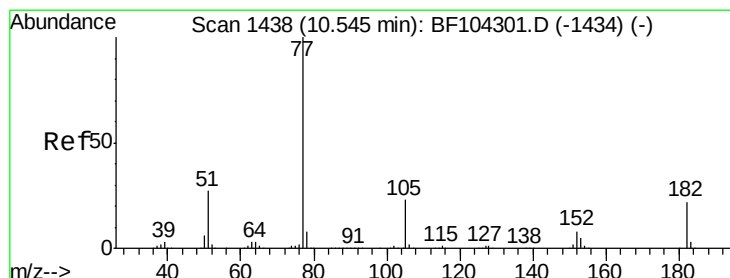
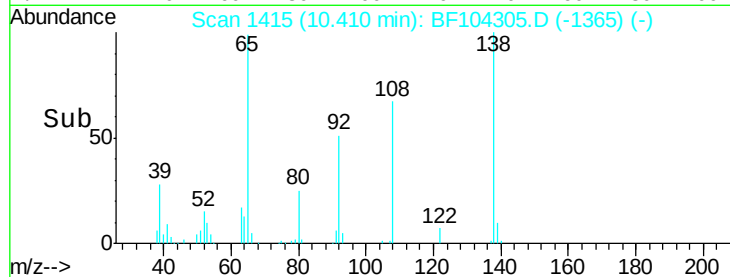
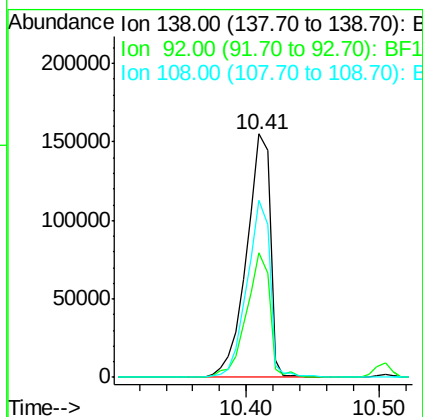
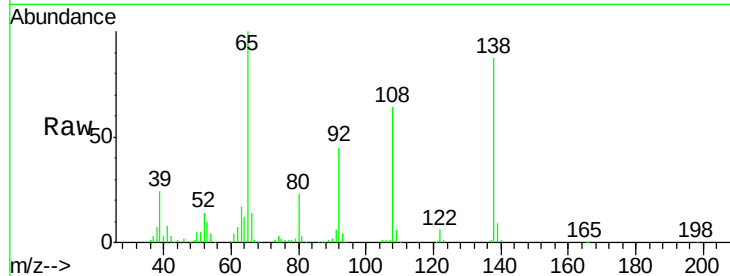




#61
4-Nitroaniline
Concen: 43.510 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

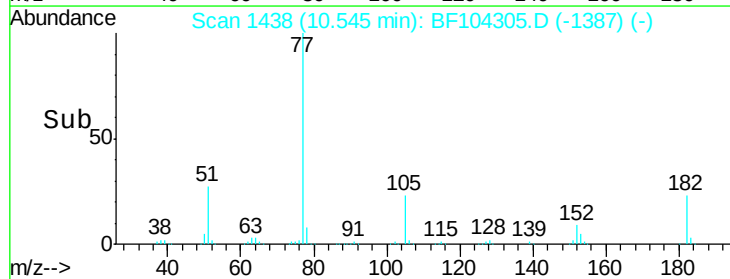
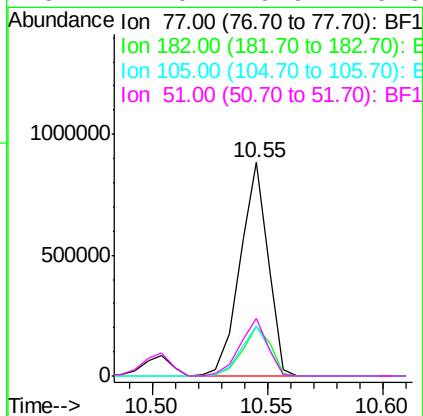
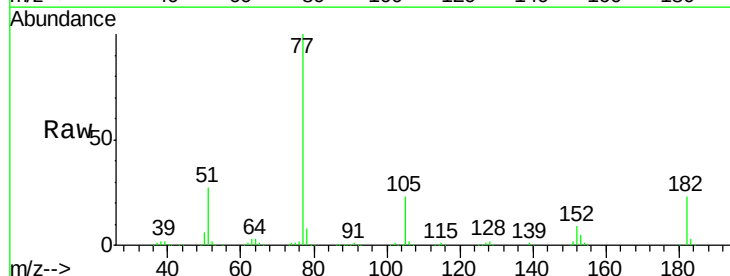
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

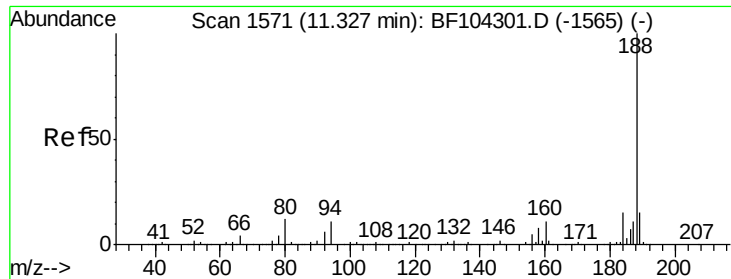
Tot Ion:138 Resp: 188193
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 72.8 52.5 92.5



#62
Azobenzene
Concen: 38.464 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion: 77 Resp: 747374
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.1 3.0 43.0
51 27.0 9.9 49.9

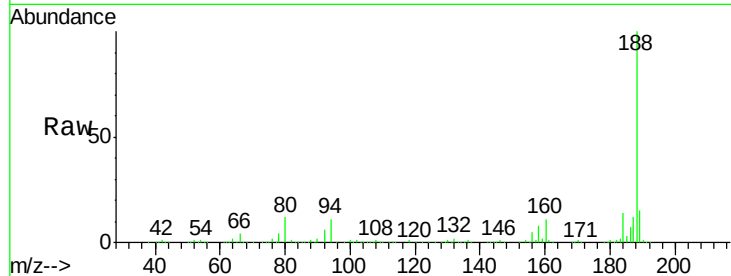




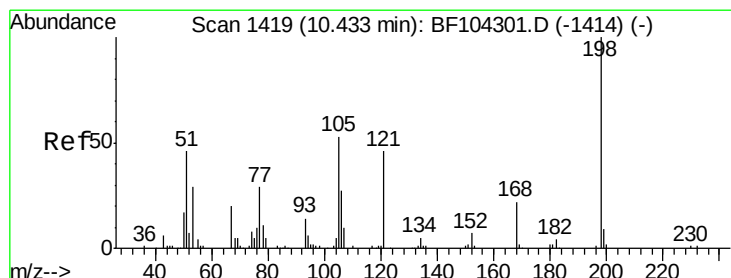
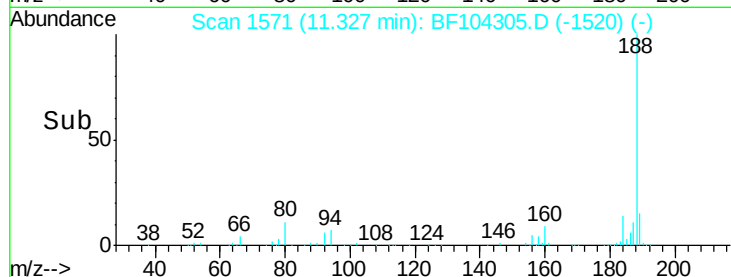
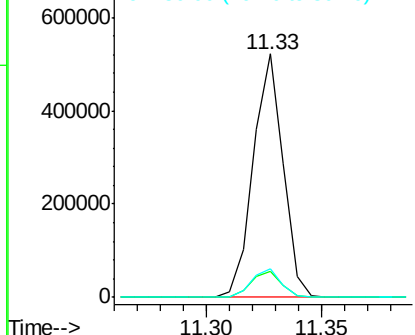
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Instrument :
BNA_F
ClientSampleId :
ICVBF040618

Tot Ion:188 Resp: 469713
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8

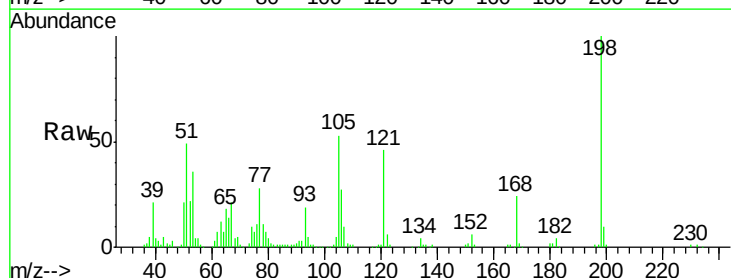


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

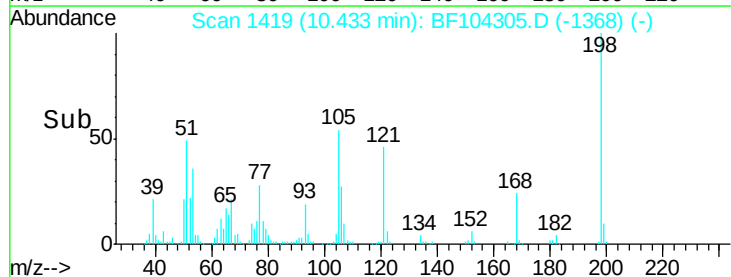
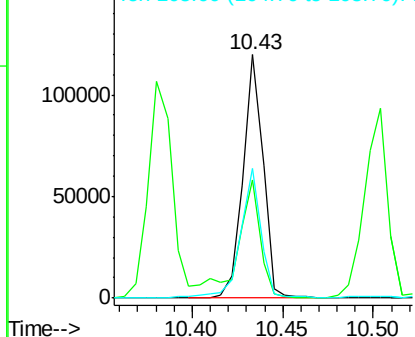


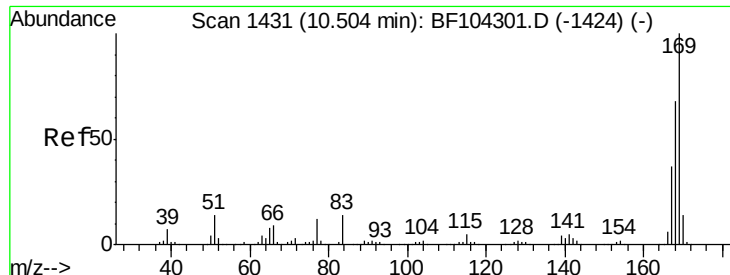
#64
4,6-Dinitro-2-methylphenol
Concen: 41.540 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:198 Resp: 92356
Ion Ratio Lower Upper
198 100
51 48.8 37.7 77.7
105 53.4 36.3 76.3



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

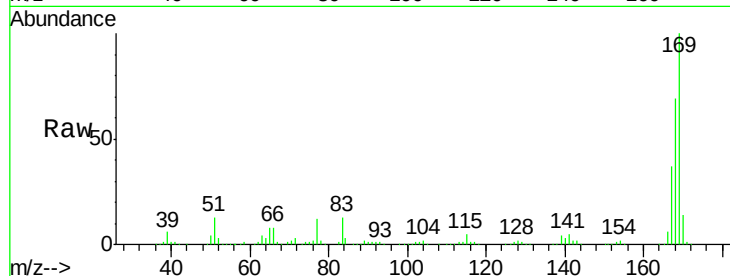




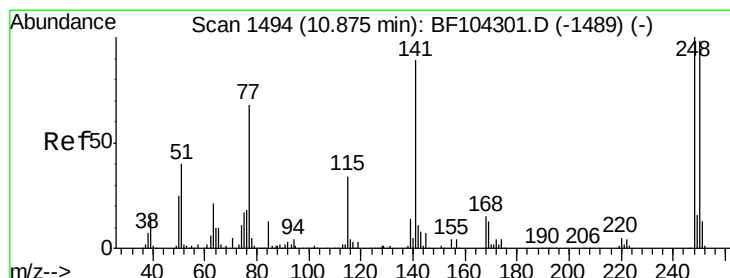
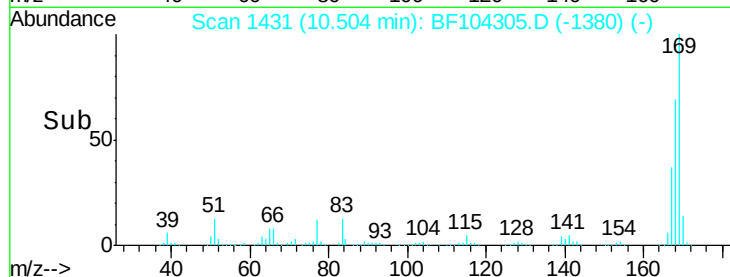
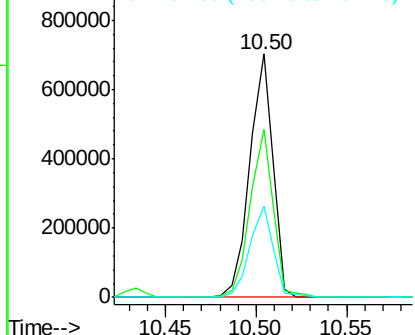
#65
 n-Nitrosodiphenylamine
 Concen: 38.190 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.4	81.6
167	37.4	29.8	44.6

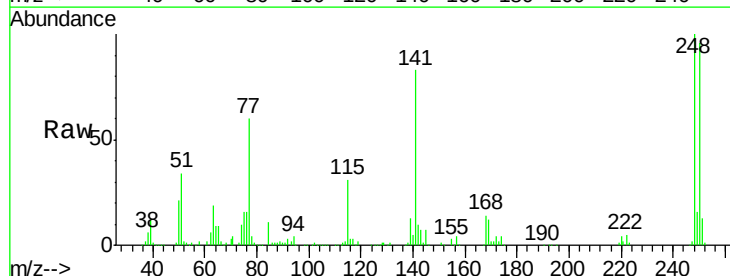


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

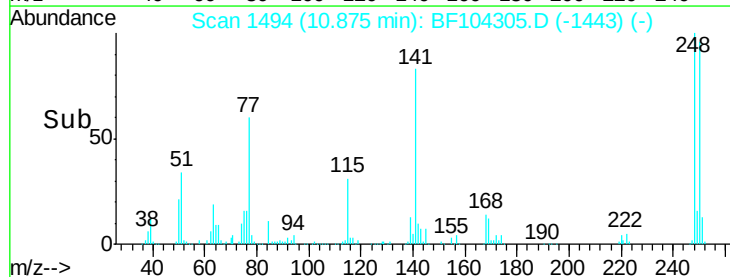
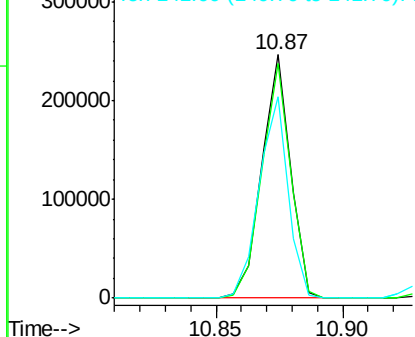


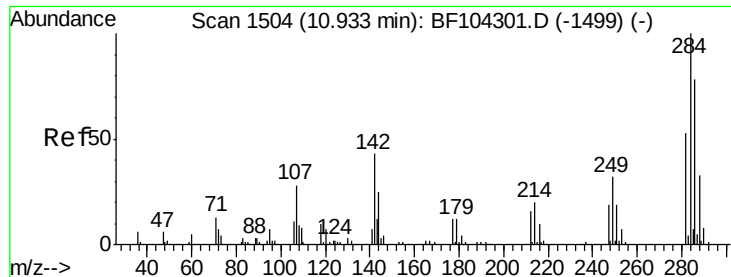
#66
 4-Bromophenyl-phenylether
 Concen: 38.748 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	82.6	74.4	111.6



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





#67

Hexachlorobenzene

Concen: 38.354 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

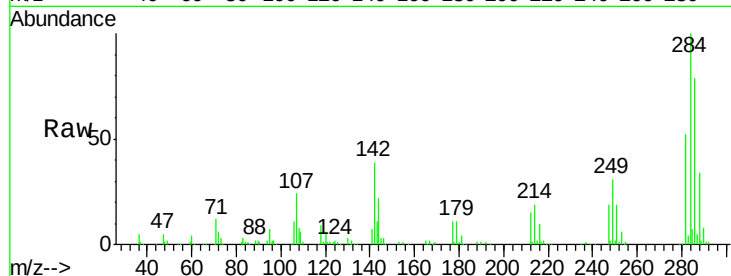
Tot Ion:284 Resp: 215622

Ion Ratio Lower Upper

284 100

142 39.1 34.6 52.0

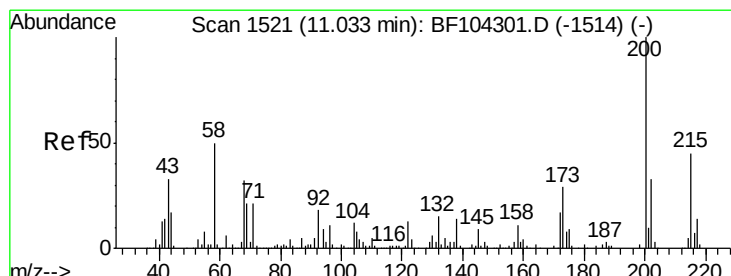
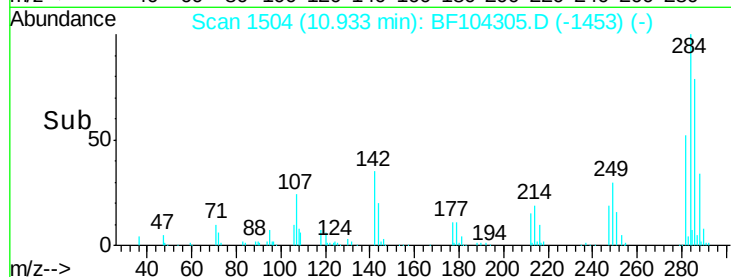
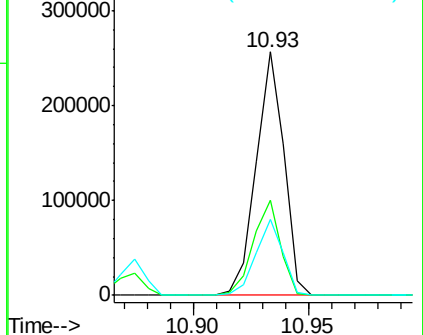
249 31.4 24.8 37.2



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: 38.486 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

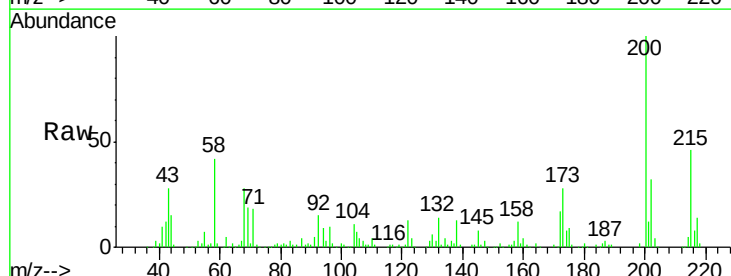
Tgt Ion:200 Resp: 189193

Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

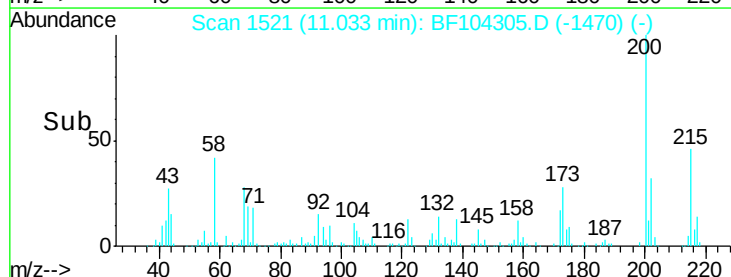
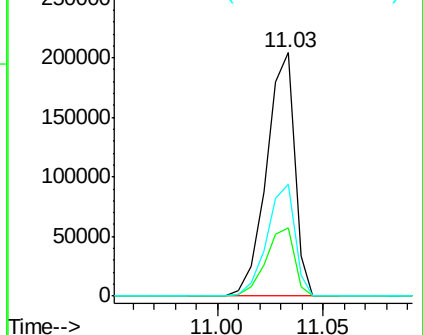
215 45.9 25.1 65.1

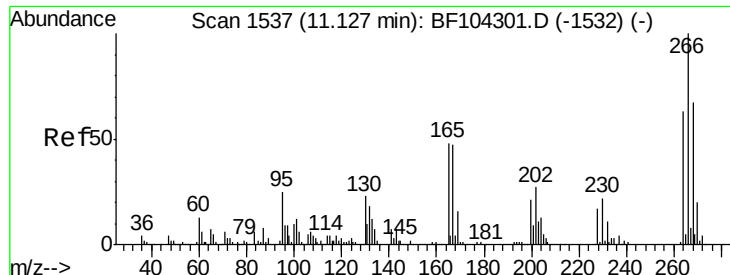


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

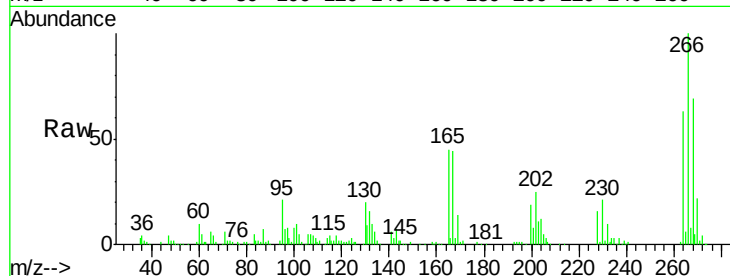




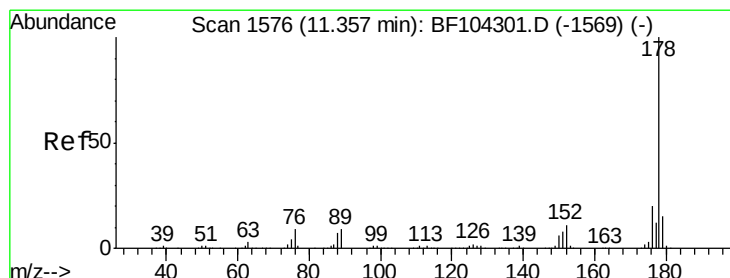
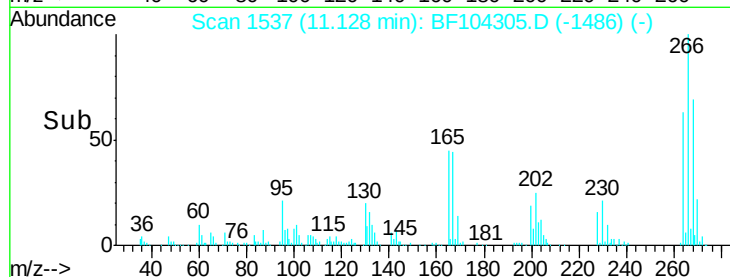
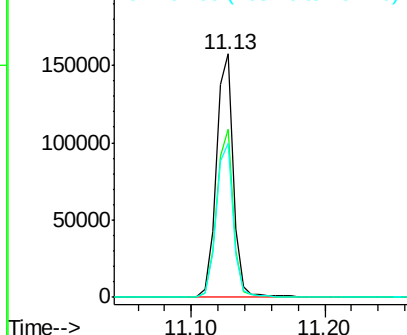
#69
 Pentachlorophenol
 Concen: 40.854 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion:266 Resp: 142088
 Ion Ratio Lower Upper
 266 100
 268 68.9 51.1 76.7
 264 63.5 49.5 74.3

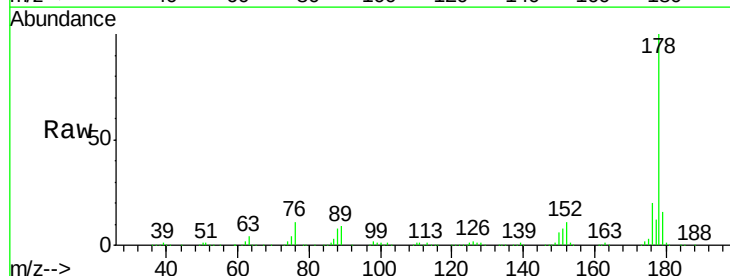


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

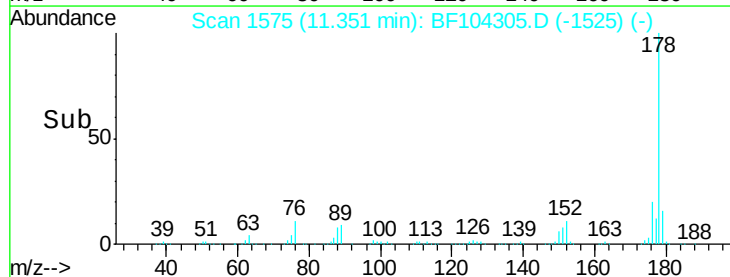
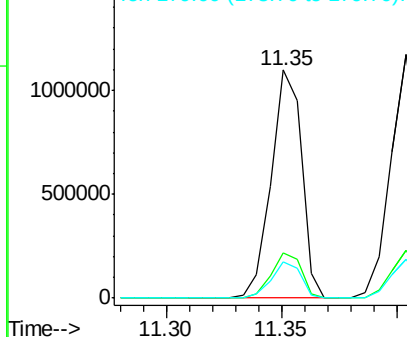


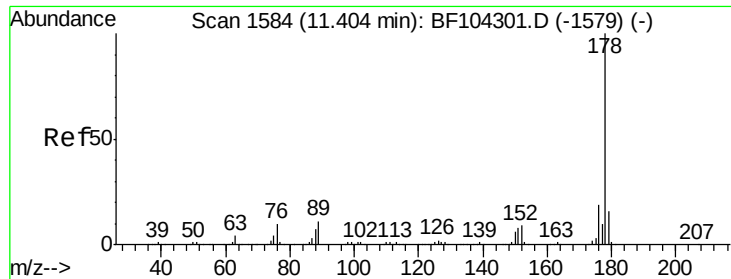
#70
 Phenanthrene
 Concen: 38.261 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion:178 Resp: 1000841
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6



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

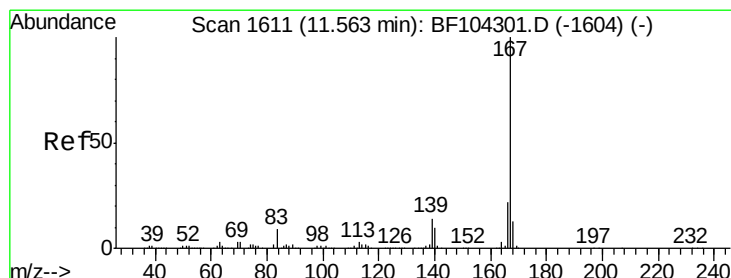
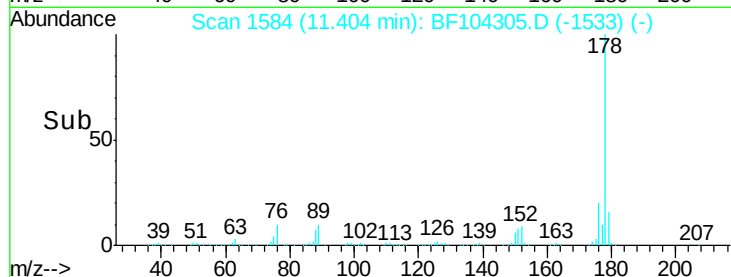
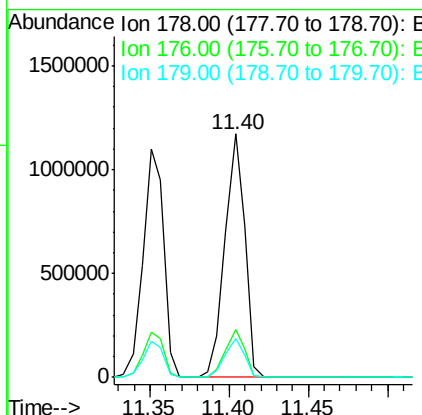
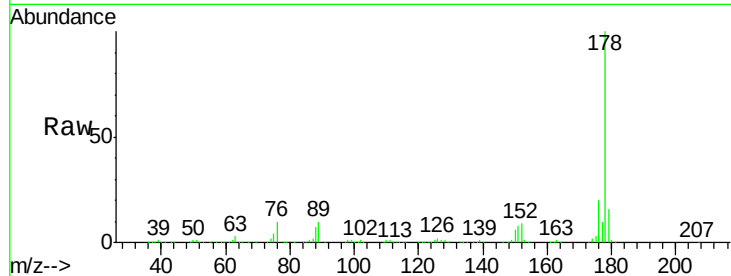




#71
 Anthracene
 Concen: 38.365 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

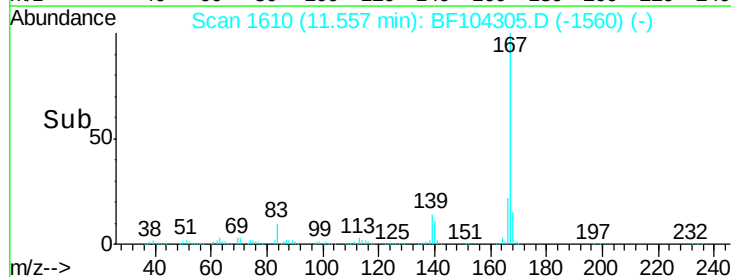
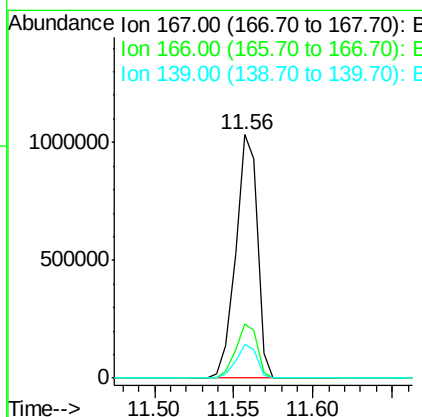
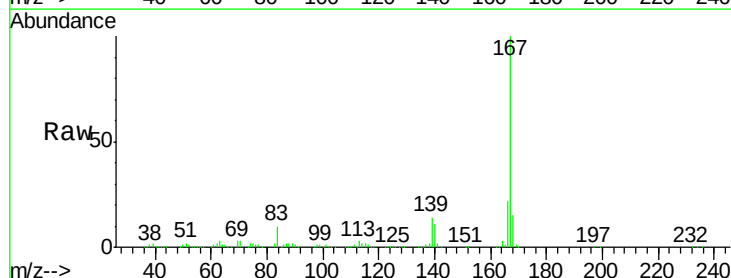
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

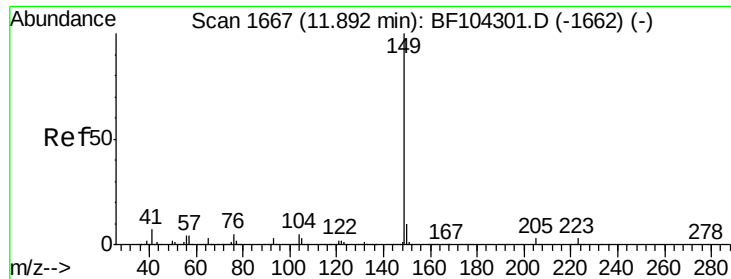
Tot Ion:178 Resp: 1020122
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.548 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Tgt Ion:167 Resp: 975600
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.041 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

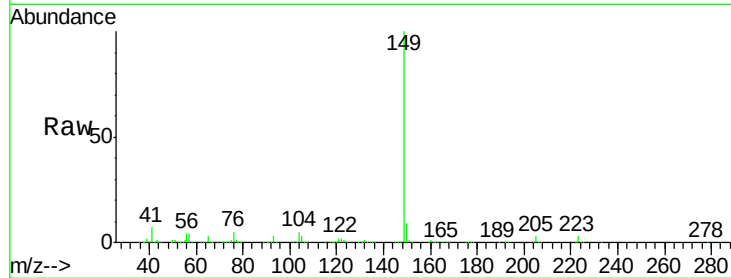
Tot Ion:149 Resp: 1207394

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

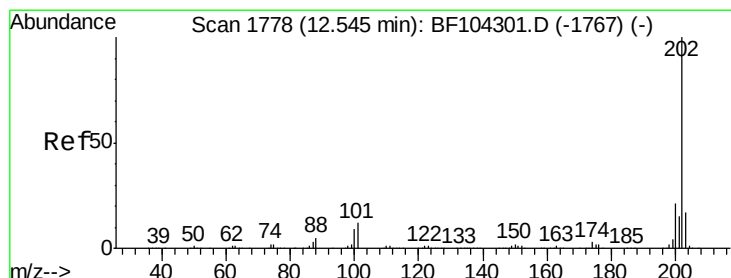
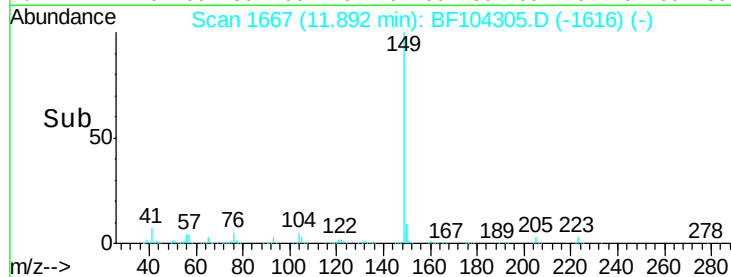
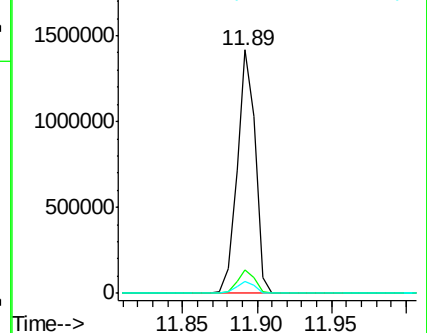
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.319 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

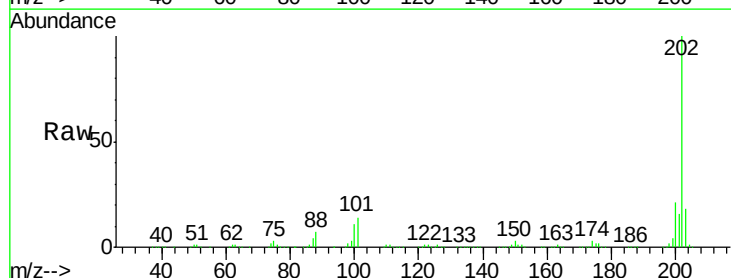
Tgt Ion:202 Resp: 1047256

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

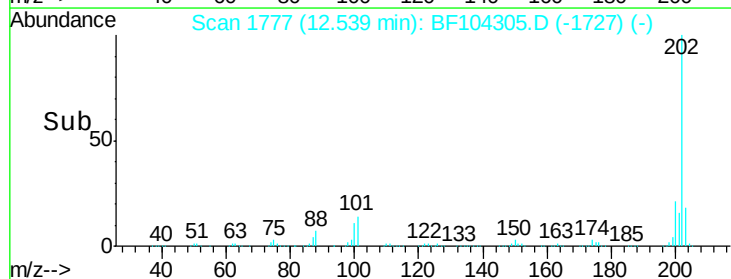
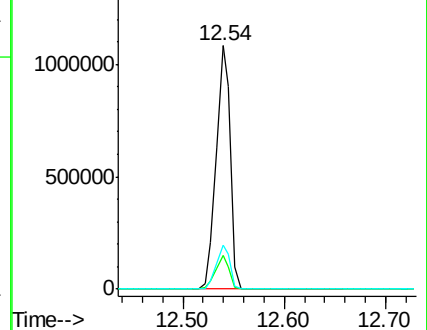
203 17.9 0.0 38.1

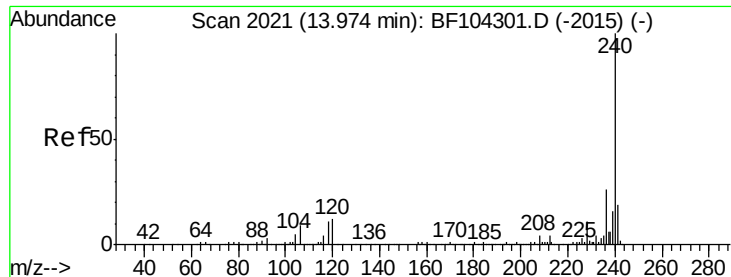


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

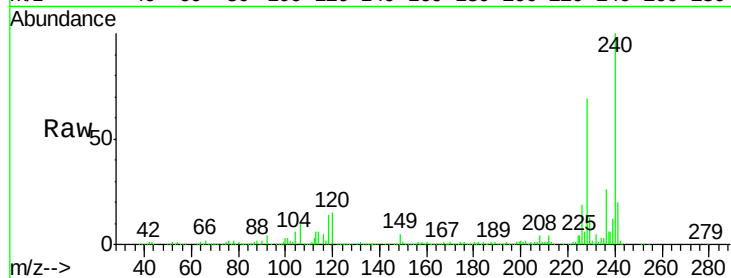
Tot Ion:240 Resp: 378917

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

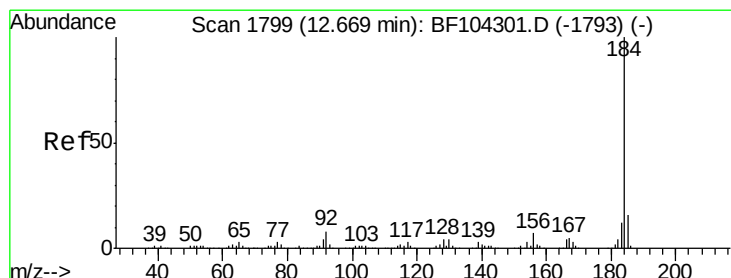
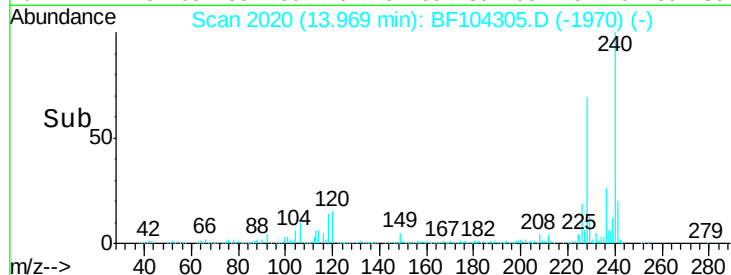
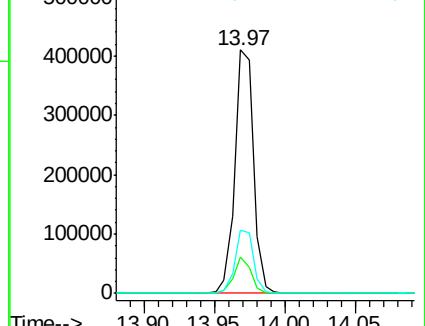
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.685 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

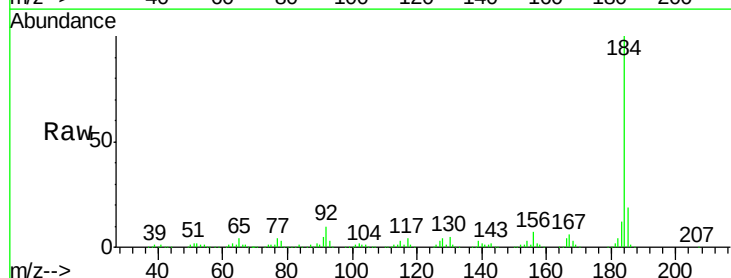
Tgt Ion:184 Resp: 472918

Ion Ratio Lower Upper

184 100

185 19.2 12.6 18.8#

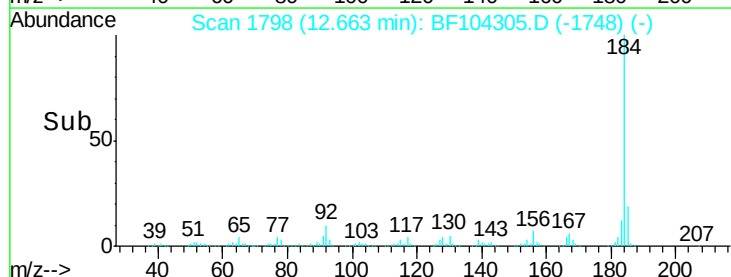
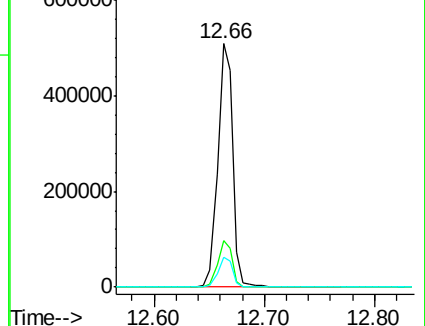
183 12.3 9.3 13.9

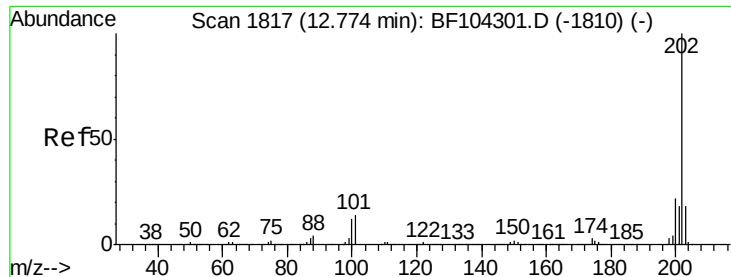


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



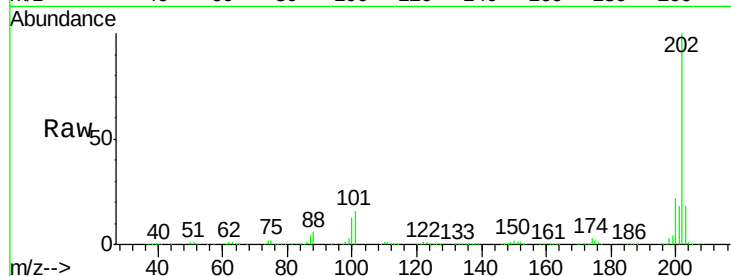


#77
 Pvrene
 Concen: 37.913 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

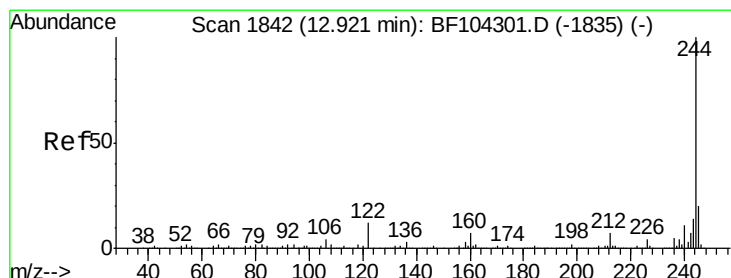
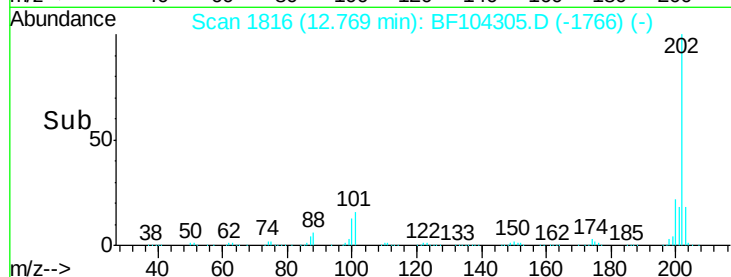
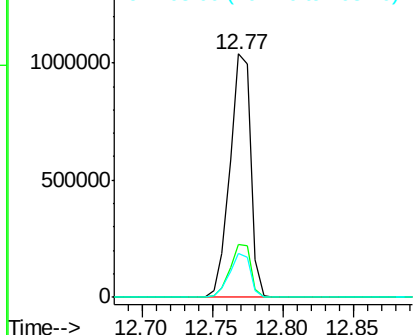
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion:202 Resp: 1064837

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5



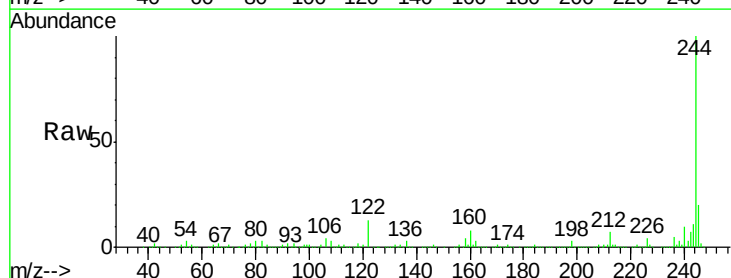
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



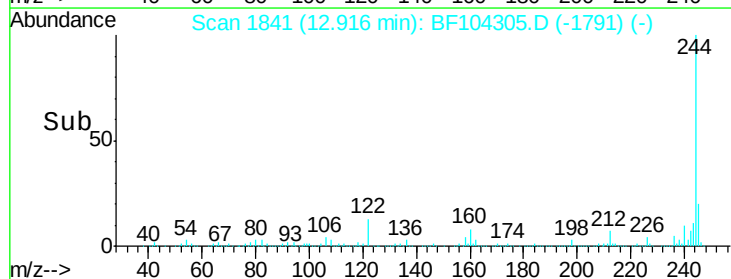
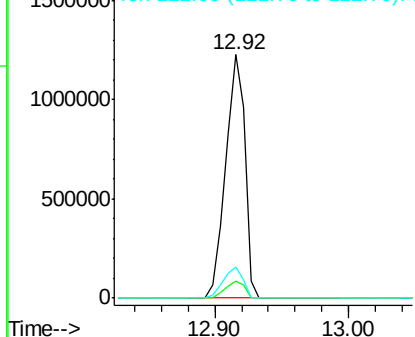
#78
 Terphenyl-d14
 Concen: 75.468 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

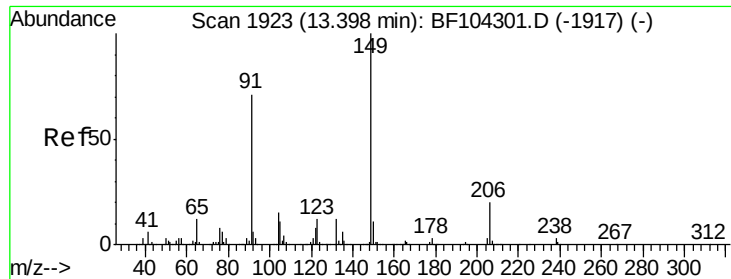
Tgt Ion:244 Resp: 1254305

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4



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





#79

Butylbenzylphthalate

Concen: 38.800 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

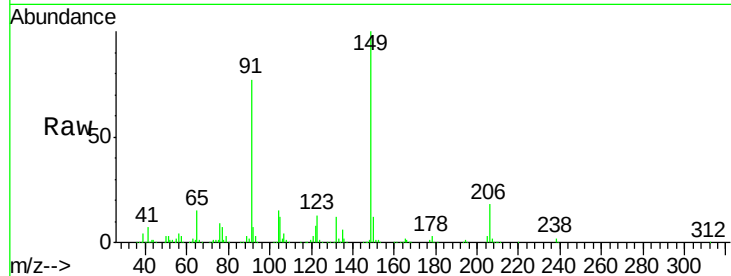
Tot Ion:149 Resp: 513408

Ion Ratio Lower Upper

149 100

91 76.5 56.8 85.2

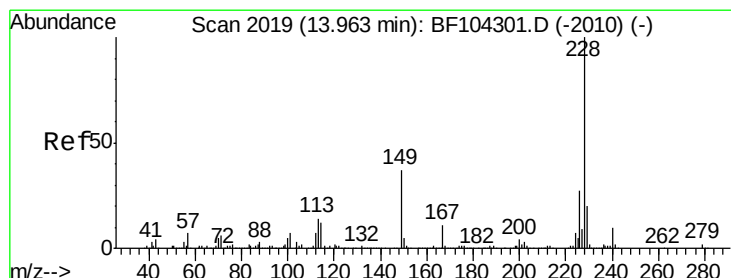
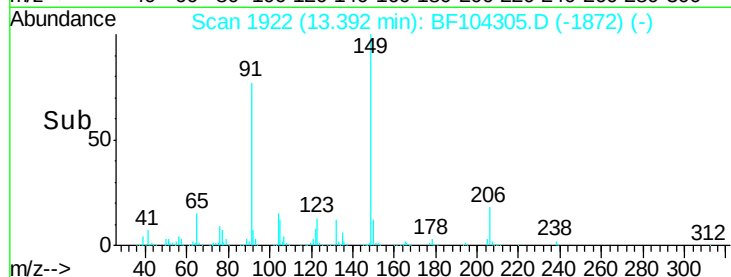
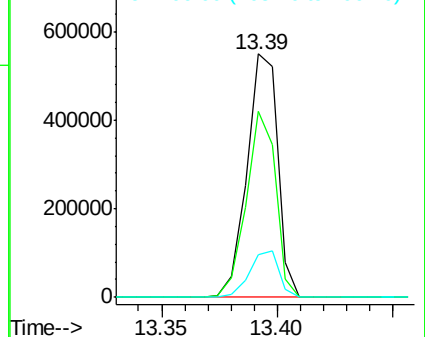
206 17.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.746 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

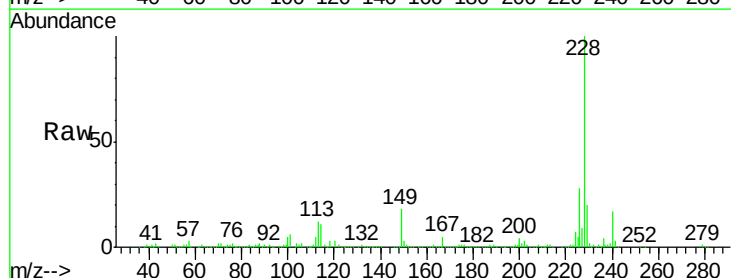
Tgt Ion:228 Resp: 854463

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

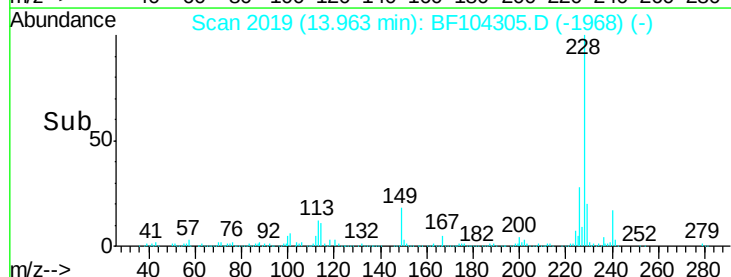
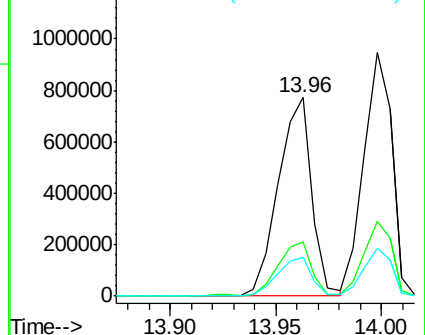
229 19.5 15.8 23.6

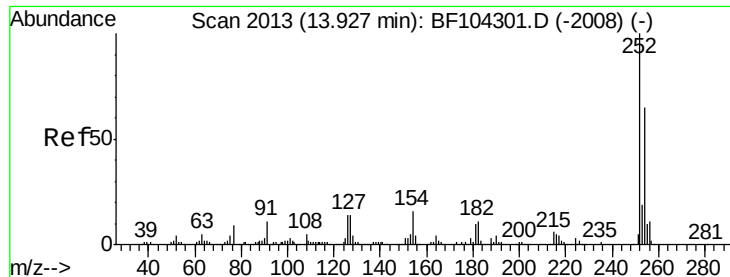


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 38.021 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

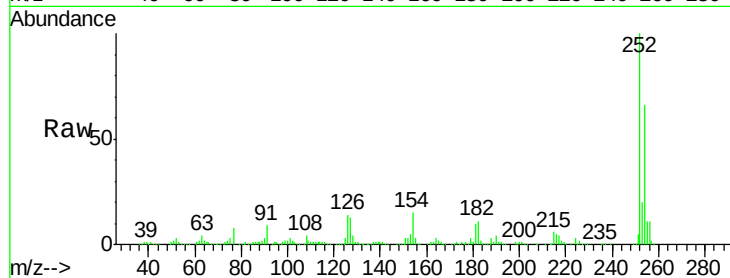
BNA_F

ClientSampleId :

ICVBF040618

Tot Ion:252 Resp: 320904

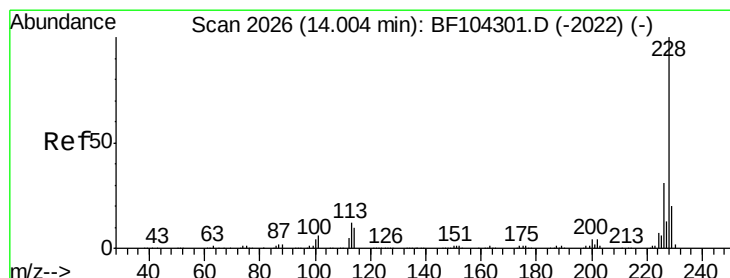
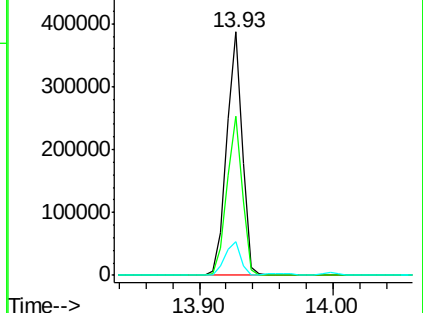
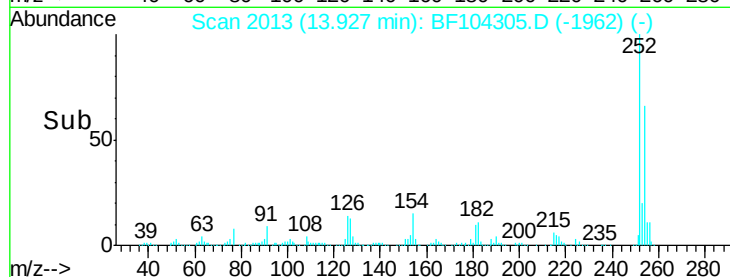
Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	13.8	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.275 ng

RT: 14.00 min Scan# 2025

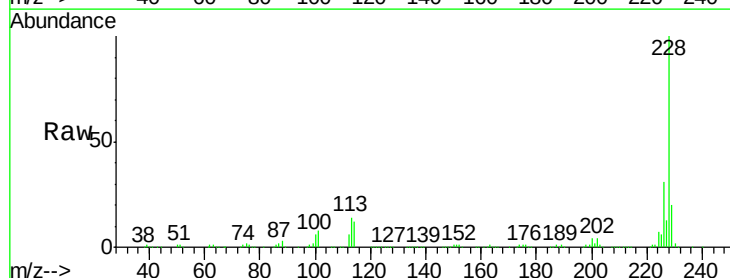
Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Tgt Ion:228 Resp: 889948

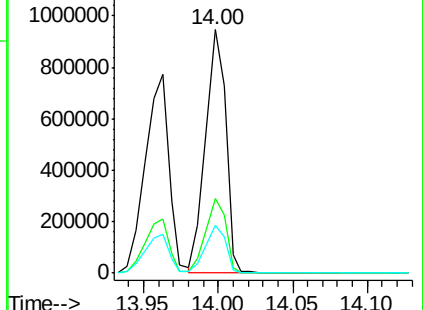
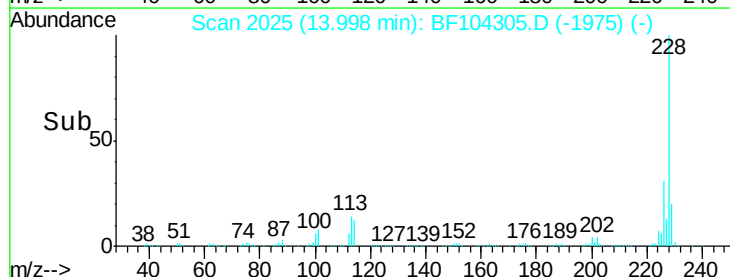
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

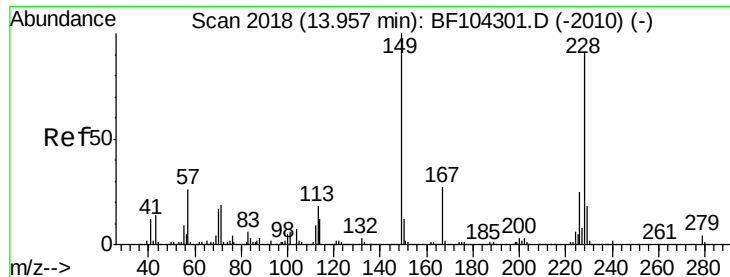


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.265 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

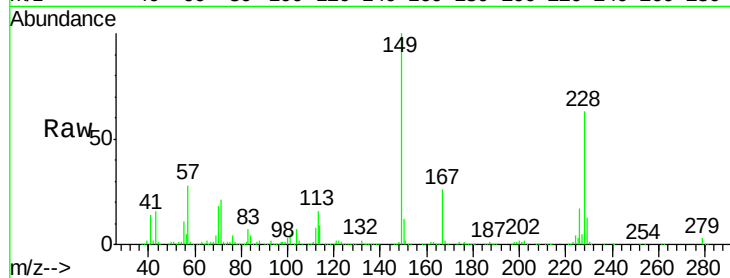
Tot Ion:149 Resp: 651258

Ion Ratio Lower Upper

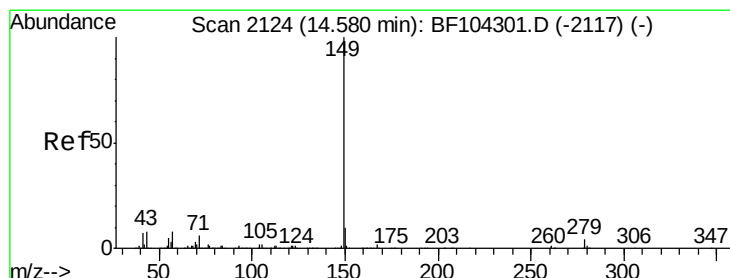
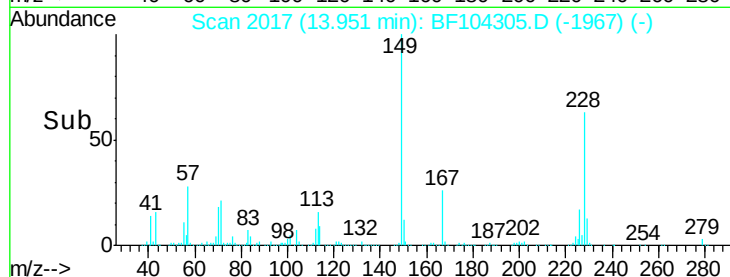
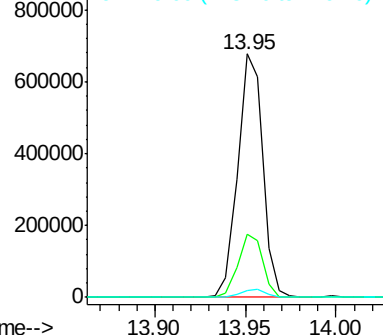
149 100

167 26.1 21.3 31.9

279 3.0 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: 39.828 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

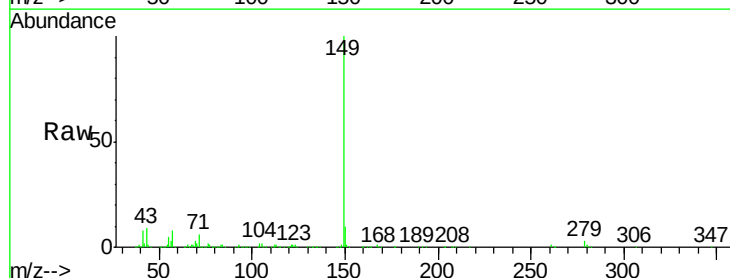
Tgt Ion:149 Resp: 1132645

Ion Ratio Lower Upper

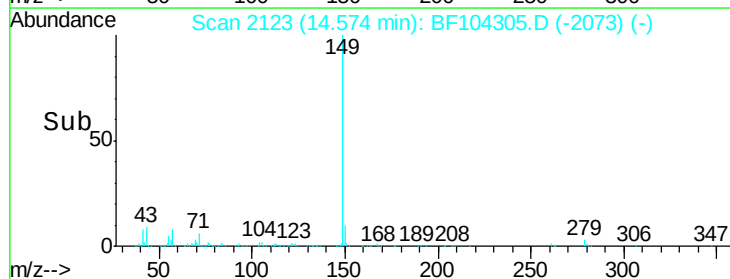
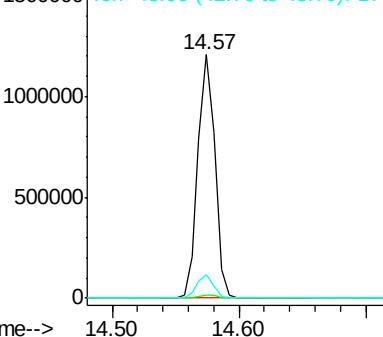
149 100

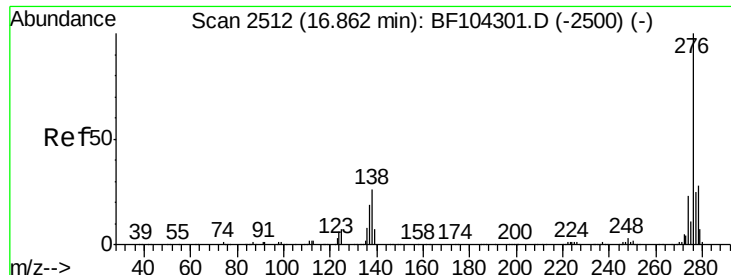
167 1.4 1.2 1.8

43 9.4 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: 37.195 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

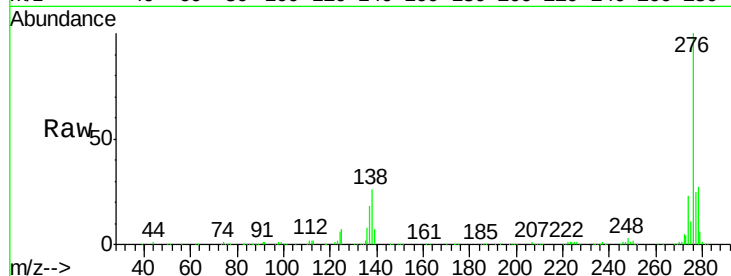
Tot Ion:276 Resp: 734674

Ion Ratio Lower Upper

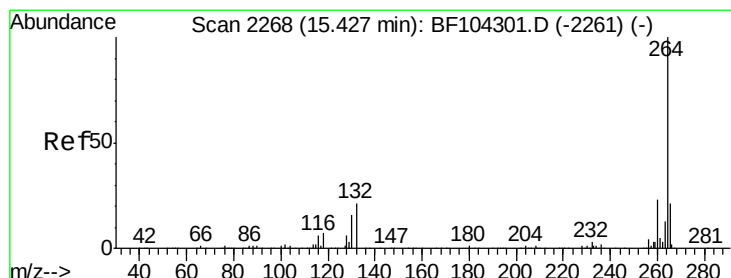
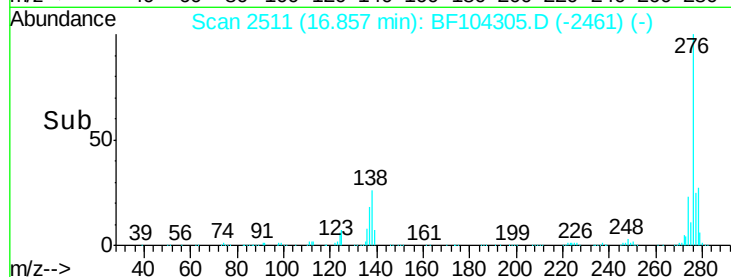
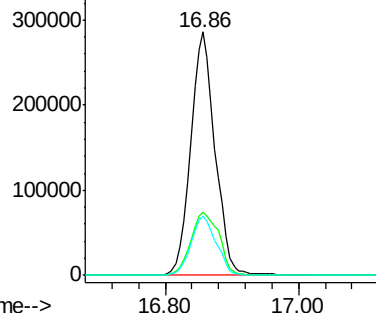
276 100

138 30.2 25.0 37.6

277 25.5 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

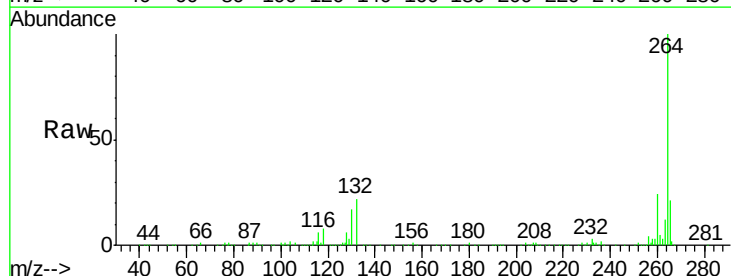
Tgt Ion:264 Resp: 351279

Ion Ratio Lower Upper

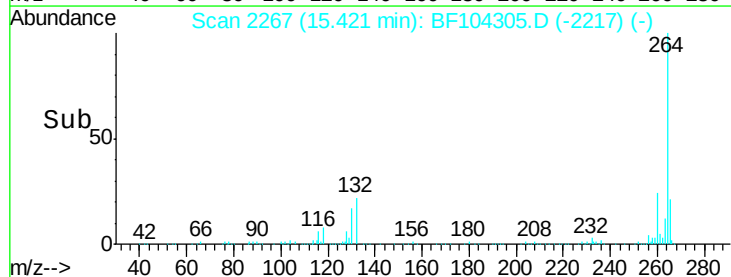
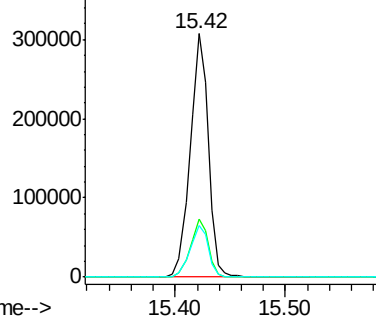
264 100

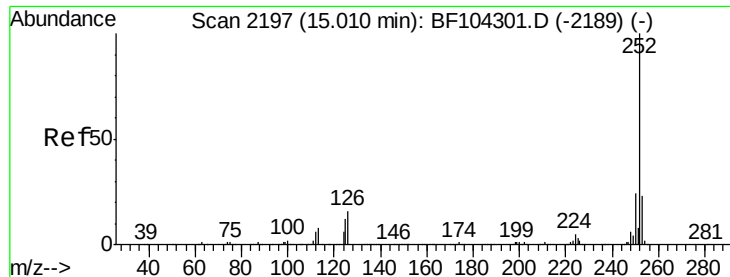
260 23.6 19.2 28.8

265 21.1 17.5 26.3



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

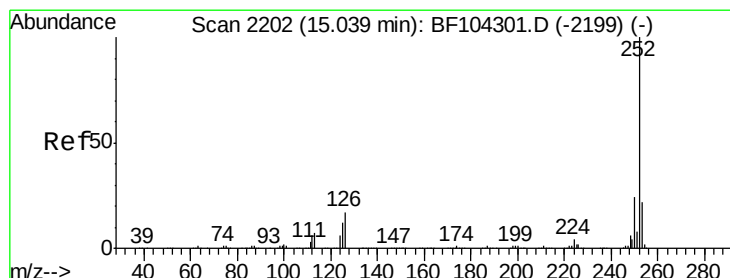
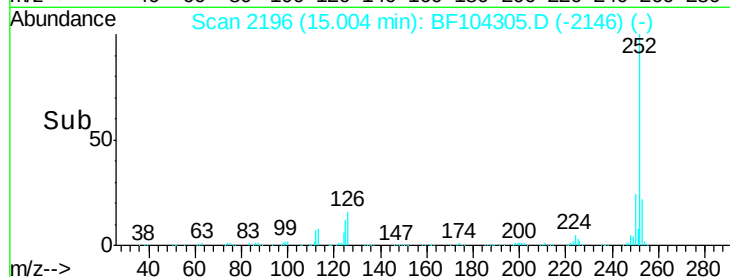
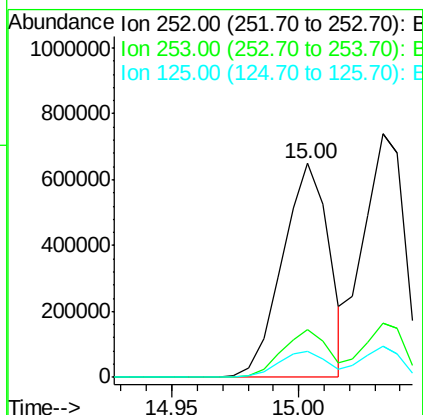
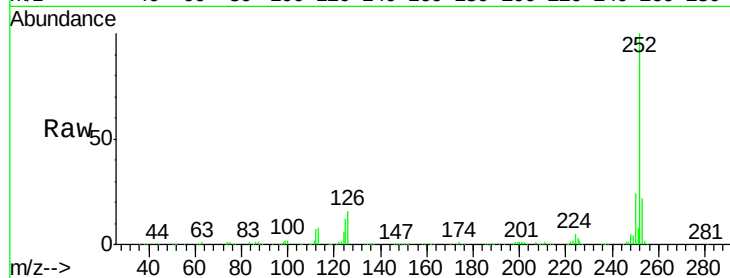




#87
Benzo(b)fluoranthene
Concen: 37.464 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

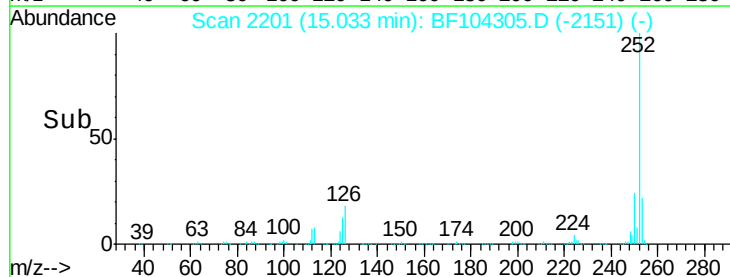
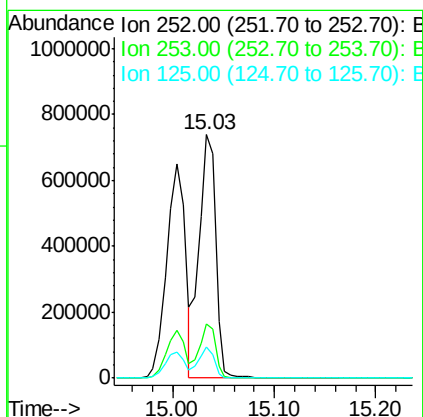
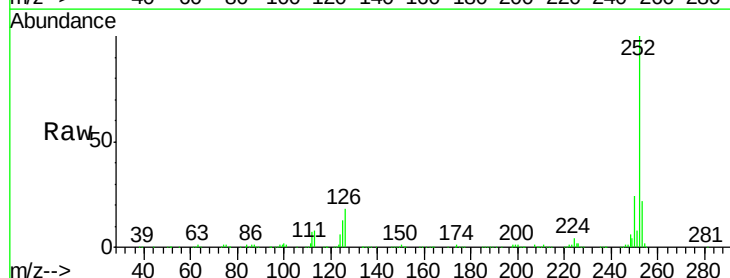
Instrument :
BNA_F
ClientSampleId :
ICVBF040618

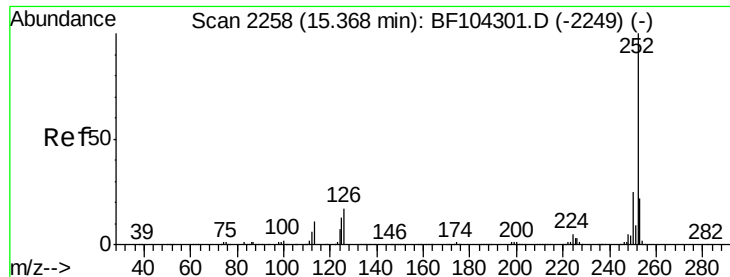
Tot Ion:252 Resp: 831192
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.162 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF104305.D
Acq: 6 Apr 2018 14:39

Tgt Ion:252 Resp: 841232
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.122 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

Instrument :

BNA_F

ClientSampleId :

ICVBF040618

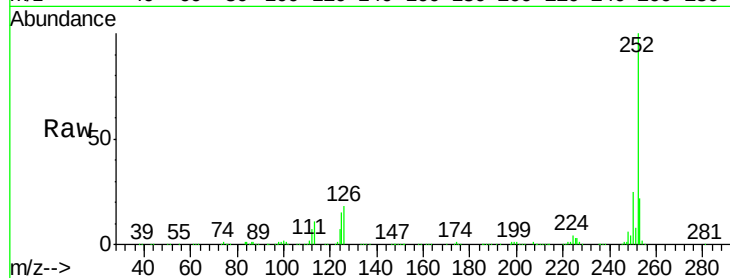
Tot Ion:252 Resp: 776608

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

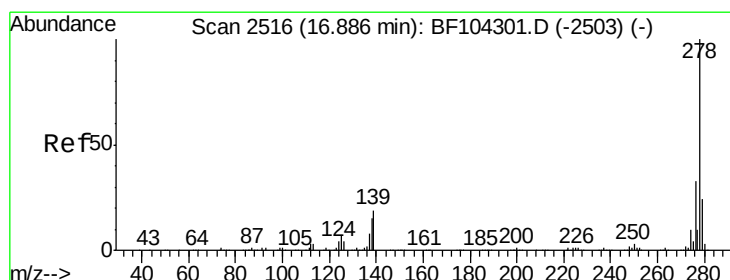
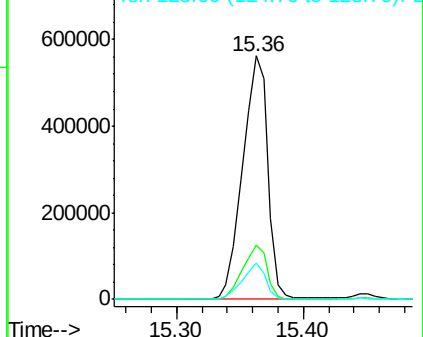
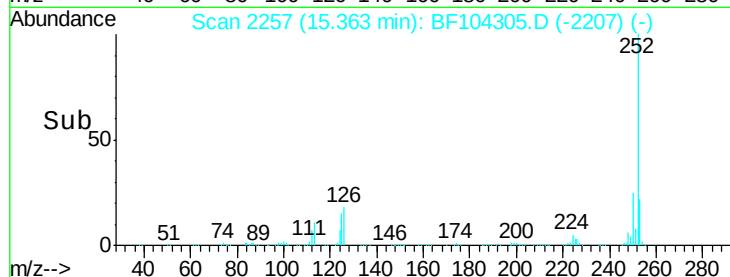
125 14.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.592 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF104305.D

Acq: 6 Apr 2018 14:39

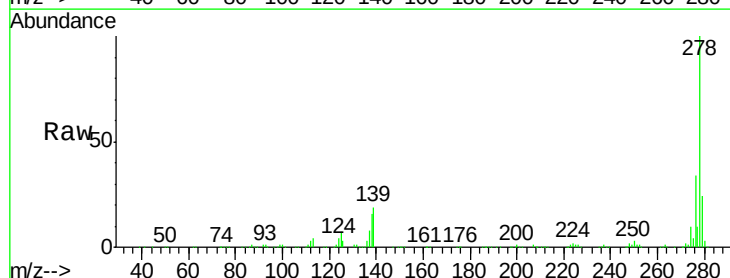
Tgt Ion:278 Resp: 612891

Ion Ratio Lower Upper

278 100

139 19.4 15.9 23.9

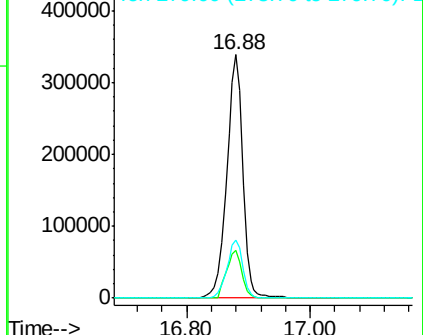
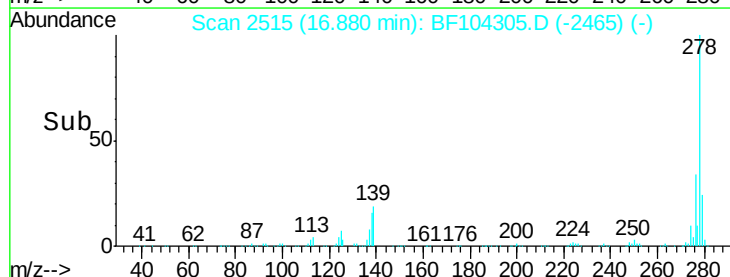
279 24.1 19.0 28.4

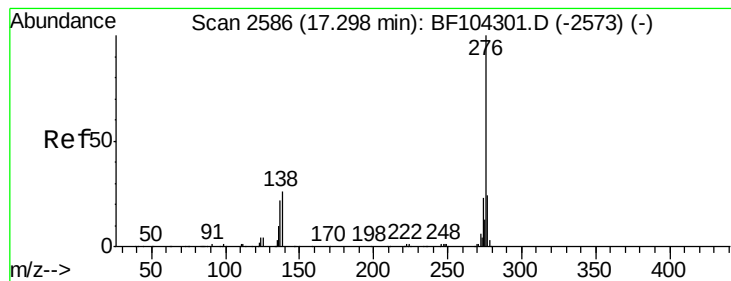


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.277 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BF104305.D
 Acq: 6 Apr 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040618

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	27.4	21.8	32.8

