

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104474.D
 Acq On : 13 Apr 2018 13:21
 Operator : JU/SJ
 Sample : PB108213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 17:39:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136831	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	570827	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	274810	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	525849	20.00	ng	0.00
75) Chrysene-d12	13.99	240	389272	20.00	ng	0.00
86) Perylene-d12	15.46	264	278190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1047530	117.06	ng	0.01
7) Phenol-d6	6.45	99	1286934	117.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	821906	94.02	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	366599	128.60	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1480538	85.11	ng	0.00
78) Terphenyl-d14	12.93	244	1546165	90.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	136370	32.705	ng	# 89
3) Pyridine	3.35	79	389559	33.229	ng	87
4) n-Nitrosodimethylamine	3.30	42	166332	40.588	ng	83
6) Aniline	6.47	93	475908	31.154	ng	98
8) 2-Chlorophenol	6.60	128	402474	42.612	ng	97
9) Benzaldehyde	6.36	77	128323	19.284	ng	99
10) Phenol	6.46	94	484330	41.516	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	372853	40.050	ng	96
12) 1,3-Dichlorobenzene	6.75	146	412142	38.517	ng	98
13) 1,4-Dichlorobenzene	6.83	146	416490	39.047	ng	99
14) 1,2-Dichlorobenzene	6.98	146	388849	39.339	ng	99
15) Benzyl Alcohol	6.96	79	340407	40.762	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	475627	38.043	ng	91
17) 2-Methylphenol	7.07	107	345258	42.052	ng	97
18) Hexachloroethane	7.32	117	152587	40.123	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	267369	37.213	ng	90
20) 3+4-Methylphenols	7.22	107	394224	38.716	ng	# 72
22) Acetophenone	7.22	105	525482	37.392	ng	# 93
24) Nitrobenzene	7.40	77	418534	43.364	ng	98
25) Isophorone	7.64	82	778260	42.100	ng	99
26) 2-Nitrophenol	7.71	139	227856	57.991	ng	97
27) 2,4-Dimethylphenol	7.75	122	367918	45.097	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	493073	43.625	ng	99
29) 2,4-Dichlorophenol	7.96	162	347292	44.614	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	343625	40.223	ng	99
31) Naphthalene	8.12	128	1149346	40.436	ng	99
32) Benzoic acid	7.89	122	281265	43.208	ng	94
33) 4-Chloroaniline	8.17	127	406912	33.415	ng	96
34) Hexachlorobutadiene	8.23	225	185277	39.595	ng	99
35) Caprolactam	8.55	113	80288	29.566	ng	# 81
36) 4-Chloro-3-methylphenol	8.66	107	381479	45.703	ng	97
37) 2-Methylnaphthalene	8.81	142	767106	41.722	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	323833	41.165	ng	99
40) Hexachlorocyclopentadiene	8.96	237	357526	81.182	ng	100

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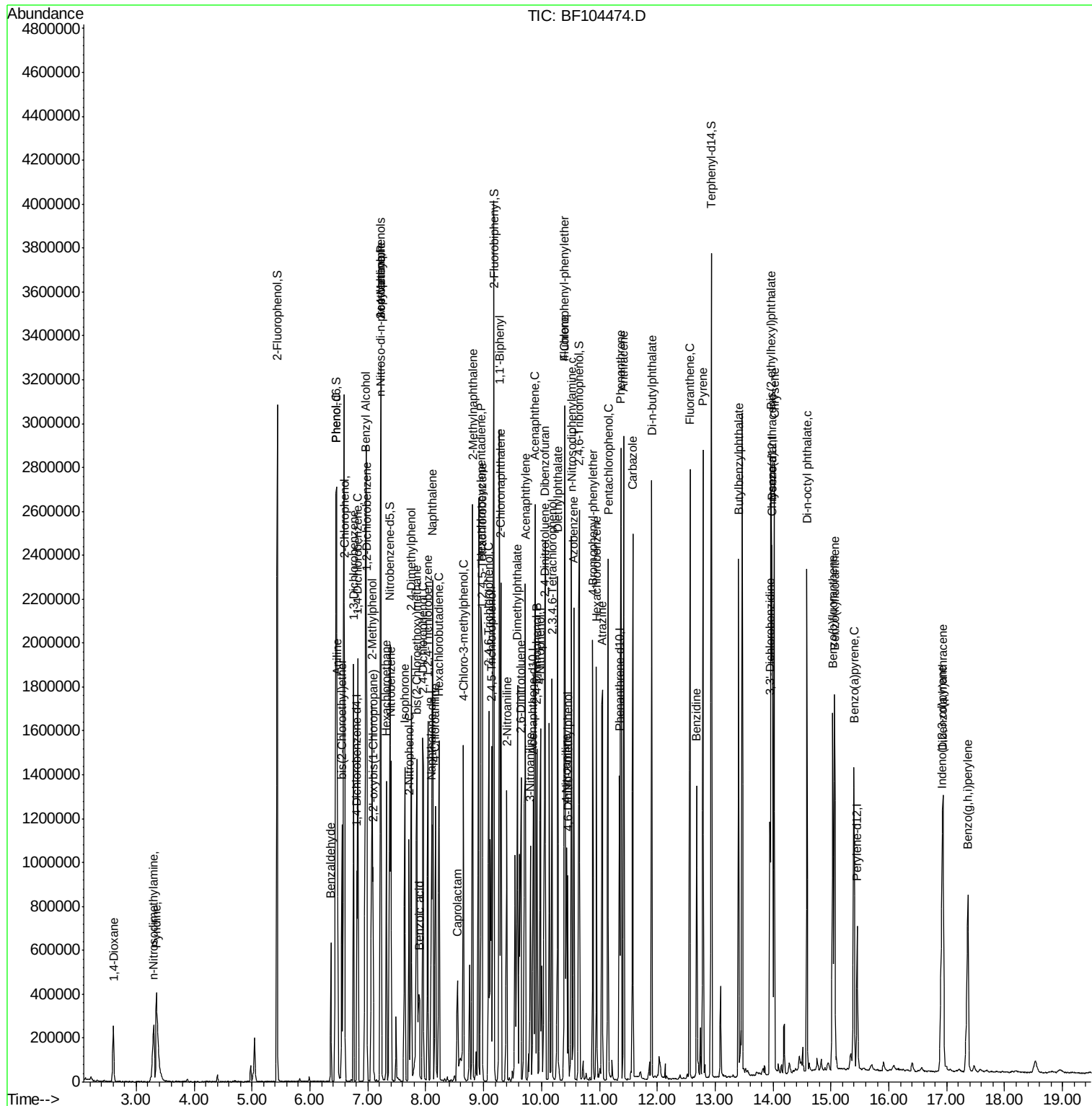
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42) 2,4,6-Trichlorophenol	9.09	196	244978	44.860	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	264743	43.323	nq	98
45) 1,1'-Biphenyl	9.27	154	922625	39.965	nq	99
46) 2-Chloronaphthalene	9.30	162	729668	40.015	nq	99
47) 2-Nitroaniline	9.40	65	235899	52.311	nq	99
48) Acenaphthylene	9.72	152	1111132	38.837	nq	99
49) Dimethylphthalate	9.58	163	904075	41.718	nq	100
50) 2,6-Dinitrotoluene	9.65	165	203346	50.710	nq	88
51) Acenaphthene	9.89	154	648172	37.132	nq	100
52) 3-Nitroaniline	9.81	138	186224	39.669	nq	99
53) 2,4-Dinitrophenol	9.92	184	223146	112.745	nq	# 24
54) Dibenzofuran	10.06	168	973766	40.029	nq	97
55) 4-Nitrophenol	9.98	139	365111	99.009	nq	99
56) 2,4-Dinitrotoluene	10.05	165	264400	50.267	nq	97
57) Fluorene	10.40	166	765049	43.206	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	208085	45.642	nq	96
59) Diethylphthalate	10.28	149	896548	41.540	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	349099	44.270	nq	99
61) 4-Nitroaniline	10.43	138	230416	50.198	nq	99
62) Azobenzene	10.56	77	824614	39.991	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	137733	52.896	nq	# 76
65) n-Nitrosodiphenylamine	10.52	169	715753	39.257	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	232213	41.516	nq	93
67) Hexachlorobenzene	10.95	284	254166	40.384	nq	94
68) Atrazine	11.05	200	234883	42.679	nq	98
69) Pentachlorophenol	11.15	266	270213	69.399	nq	96
70) Phenanthrene	11.37	178	1140915	38.960	nq	99
71) Anthracene	11.42	178	1191715	40.034	nq	99
72) Carbazole	11.58	167	1109818	38.153	nq	100
73) Di-n-butylphthalate	11.90	149	1372382	38.623	nq	100
74) Fluoranthene	12.56	202	1203479	39.334	nq	97
76) Benzidine	12.68	184	498116	36.923	nq	97
77) Pyrene	12.79	202	1208497	41.883	nq	100
79) Butylbenzylphthalate	13.40	149	580934	42.736	nq	97
80) Benzo(a)anthracene	13.98	228	1007027	43.303	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	290444	33.496	nq	96
82) Chrysene	14.02	228	949348	39.743	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771516	44.125	nq	99
84) Di-n-octyl phthalate	14.59	149	1156845	39.597	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	803695	39.607	nq	96
87) Benzo(b)fluoranthene	15.03	252	805790	45.862	nq	99
88) Benzo(k)fluoranthene	15.06	252	750547	45.247	nq	99
89) Benzo(a)pyrene	15.40	252	712789	45.341	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	669187	51.829	nq	98
91) Benzo(g,h,i)perylene	17.37	276	696656	55.692	nq	95

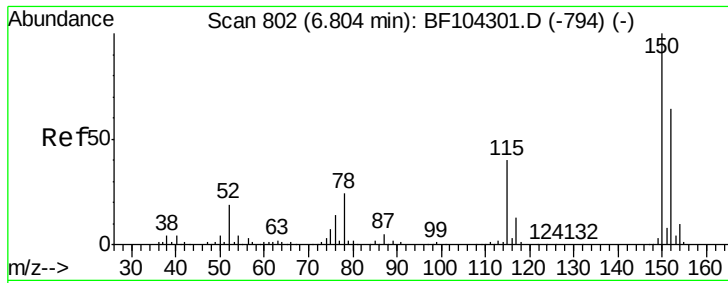
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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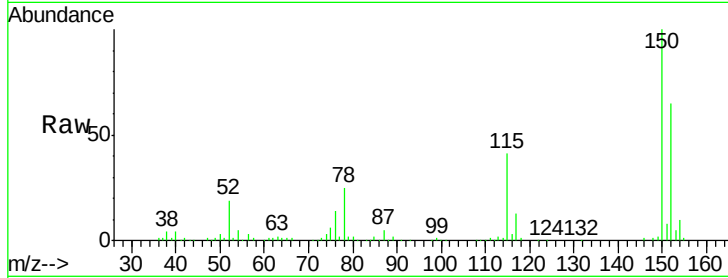


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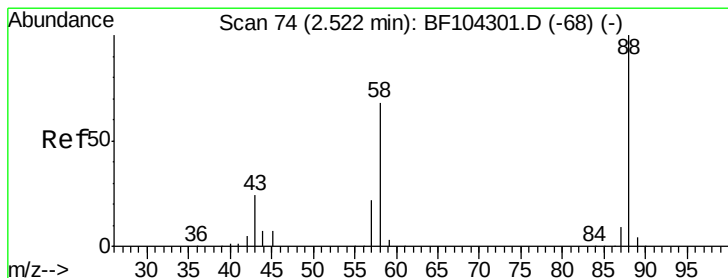
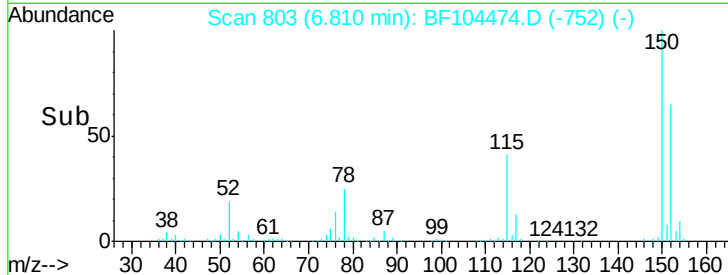
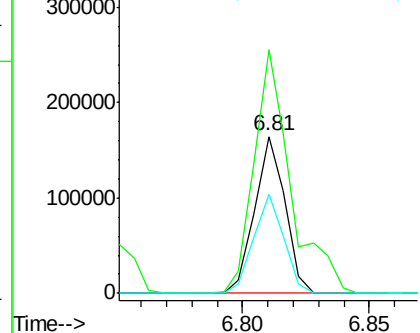
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136831
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 62.8 50.1 75.1



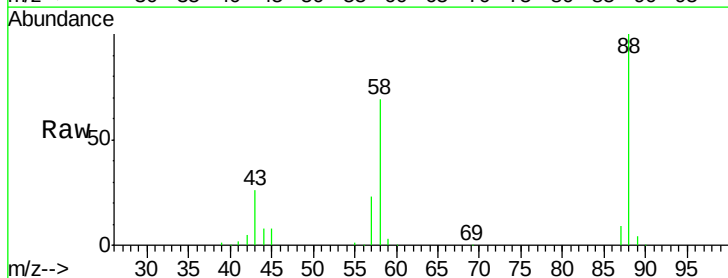
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



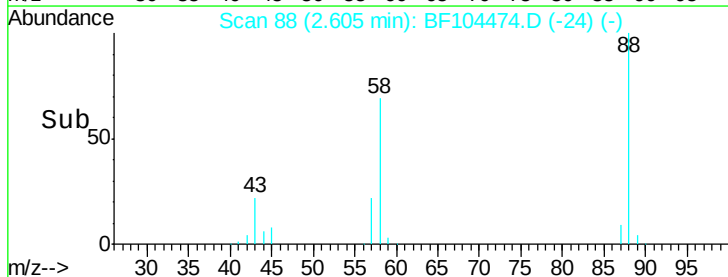
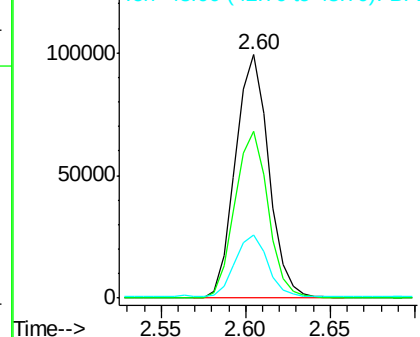
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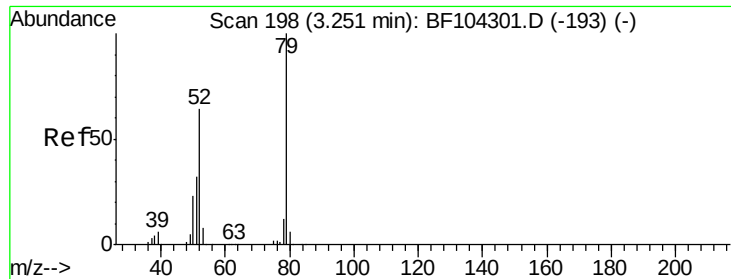
1,4-Dioxane
Concen: 32.705 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion: 88 Resp: 136370
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 24.4 24.6 37.0#



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





#3

Pvridine

Concen: 33.229 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

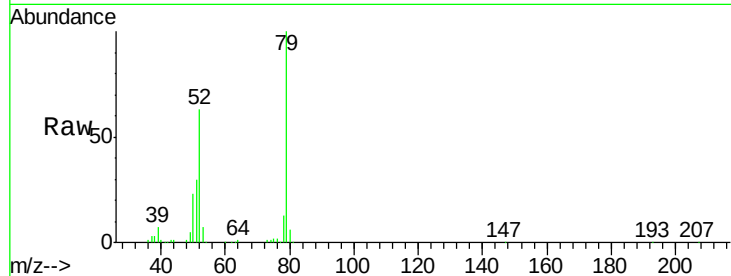
Tot Ion: 79 Resp: 389559

Ion Ratio Lower Upper

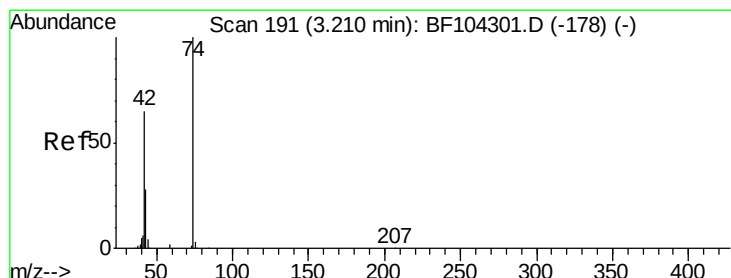
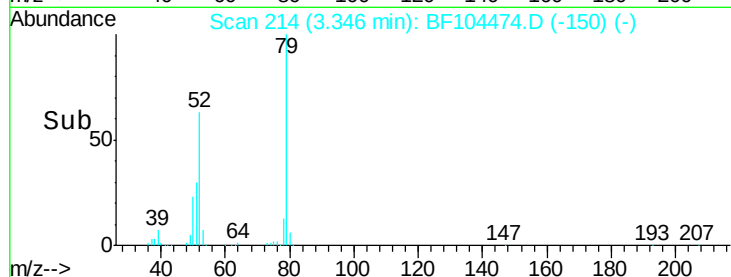
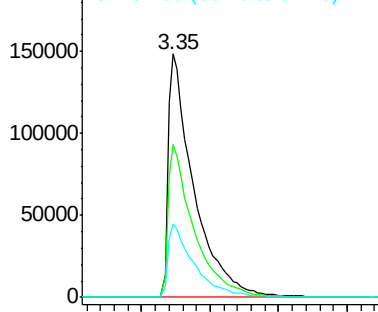
79 100

52 62.9 59.8 89.6

51 30.3 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 40.588 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.07 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

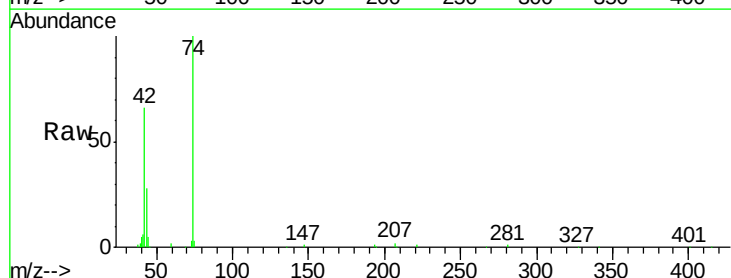
Tgt Ion: 42 Resp: 166332

Ion Ratio Lower Upper

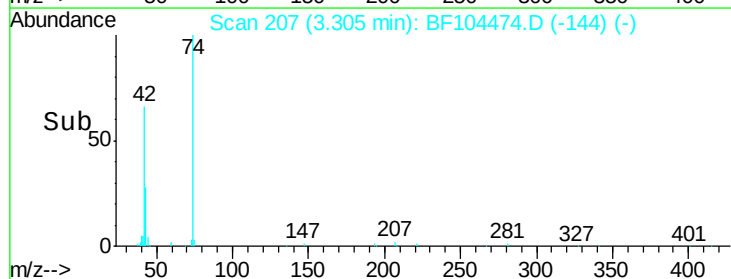
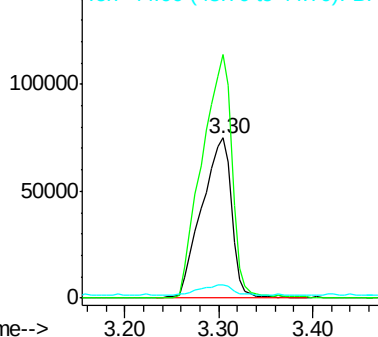
42 100

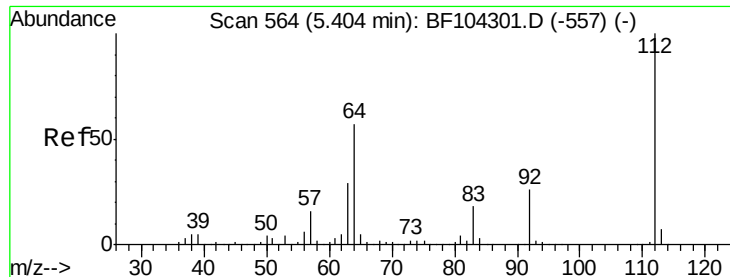
74 152.3 104.9 157.3

44 8.3 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: 117.059 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :

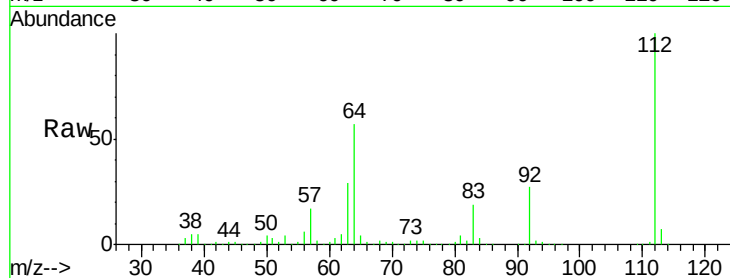
Tot Ion:112 Resp: 1047530

Ion Ratio Lower Upper

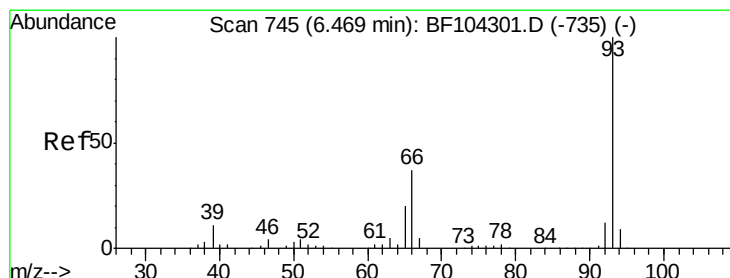
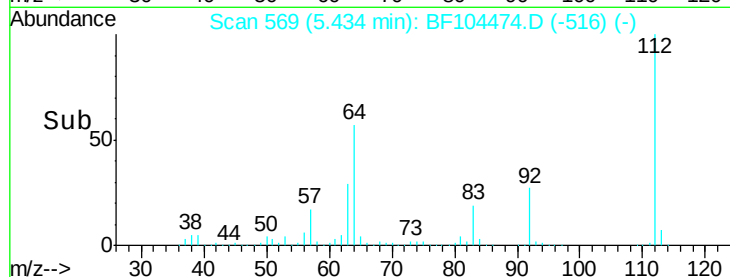
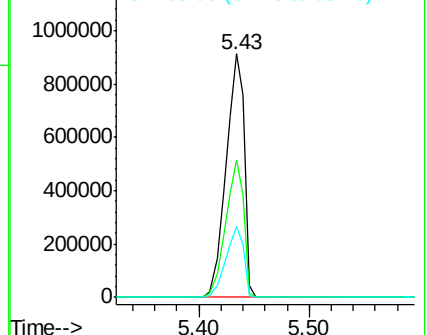
112 100

64 56.7 47.9 71.9

63 29.1 23.7 35.5



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



#6

Aniline

Concen: 31.154 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

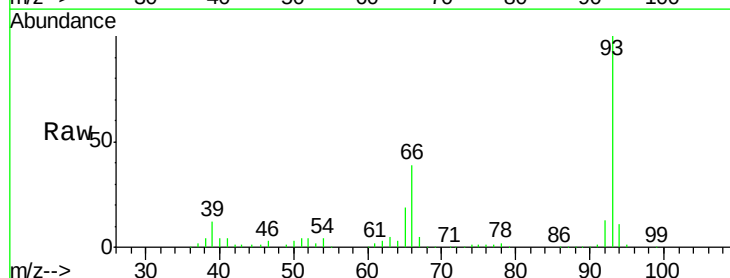
Tgt Ion: 93 Resp: 475908

Ion Ratio Lower Upper

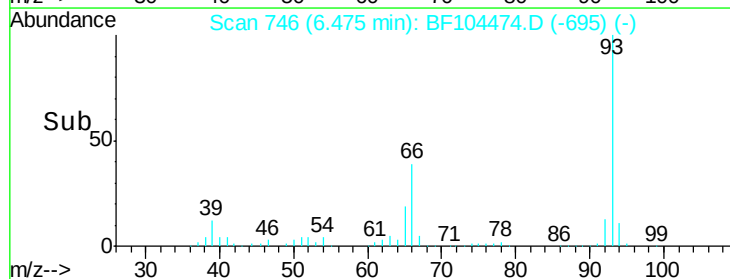
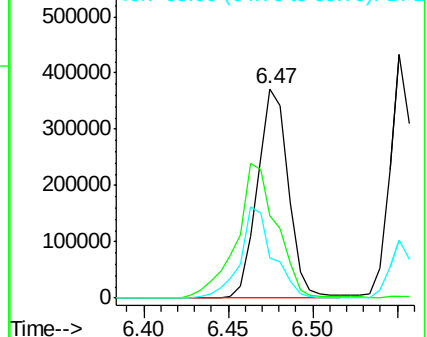
93 100

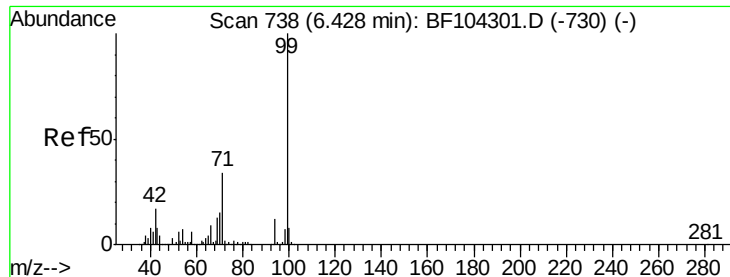
66 39.3 32.2 48.2

65 19.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.046 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampled :

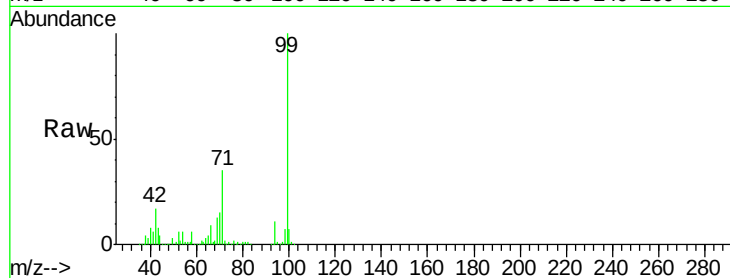
Tot Ion: 99 Resp: 1286934

Ion Ratio Lower Upper

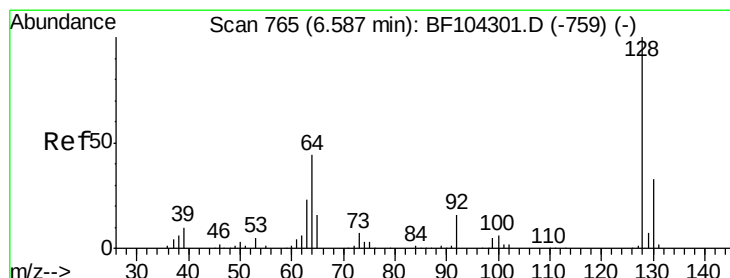
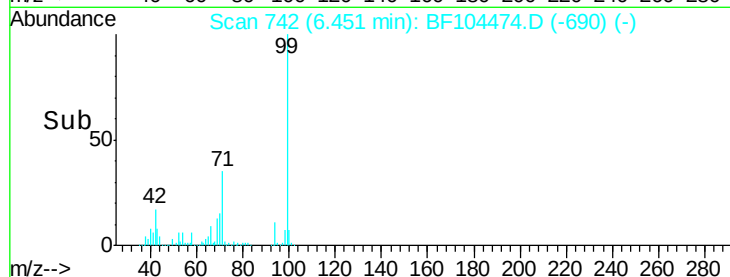
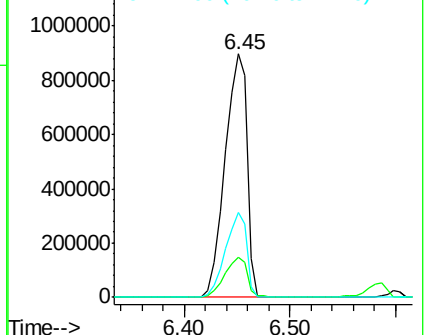
99 100

42 16.6 14.5 21.7

71 34.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 42.612 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

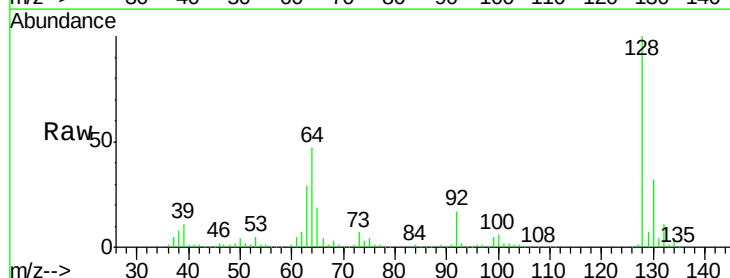
Tgt Ion: 128 Resp: 402474

Ion Ratio Lower Upper

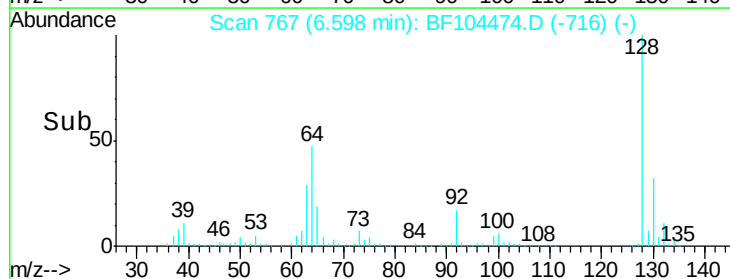
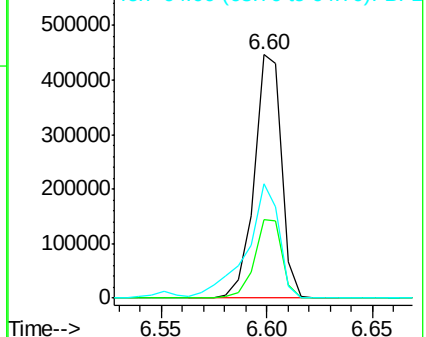
128 100

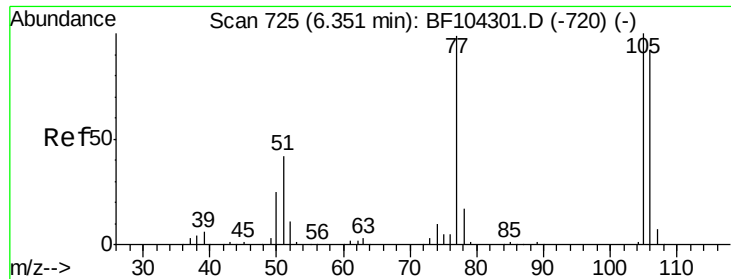
130 32.0 13.0 53.0

64 47.1 29.4 69.4



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

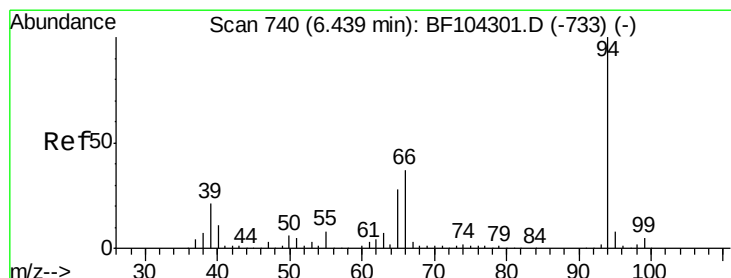
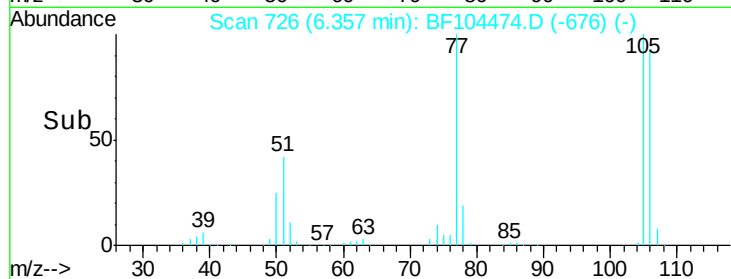
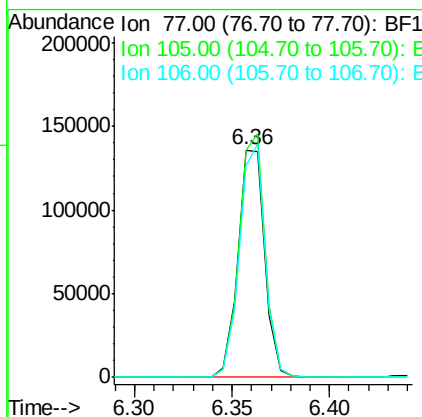
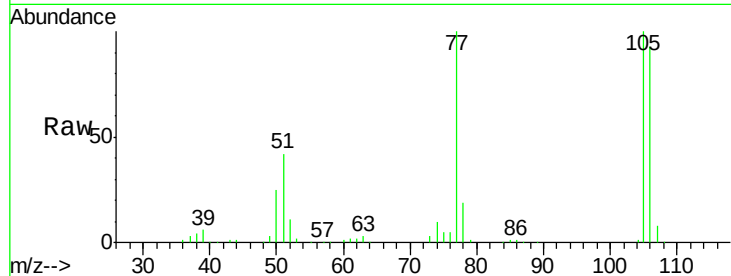




#9
Benzaldehyde
Concen: 19.284 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF104474.D
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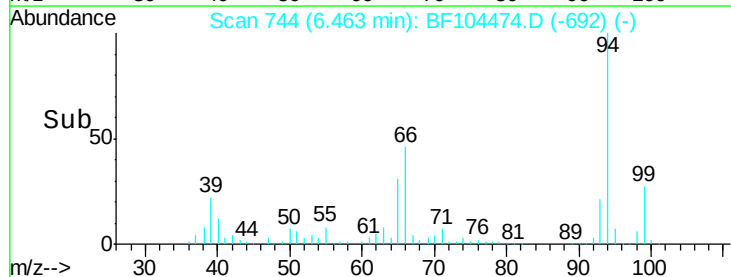
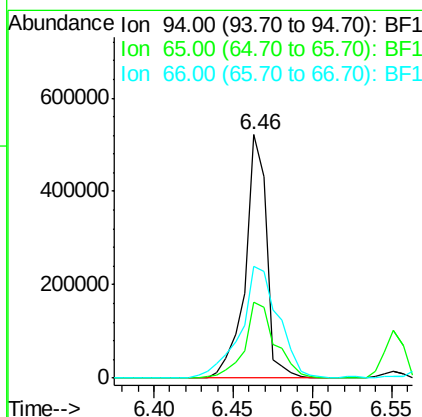
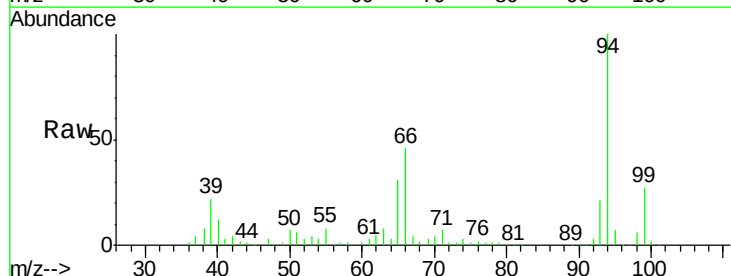
Instrument :
BNA_F
ClientSampleId :

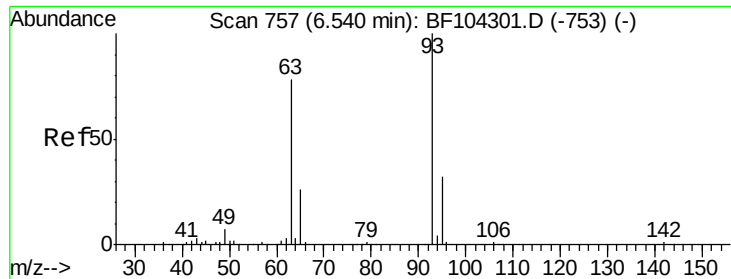
Tot Ion: 77 Resp: 128323
Ion Ratio Lower Upper
77 100
105 99.6 81.1 121.1
106 93.1 74.5 114.5



#10
Phenol
Concen: 41.516 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion: 94 Resp: 484330
Ion Ratio Lower Upper
94 100
65 31.2 7.9 47.9
66 45.9 16.2 56.2

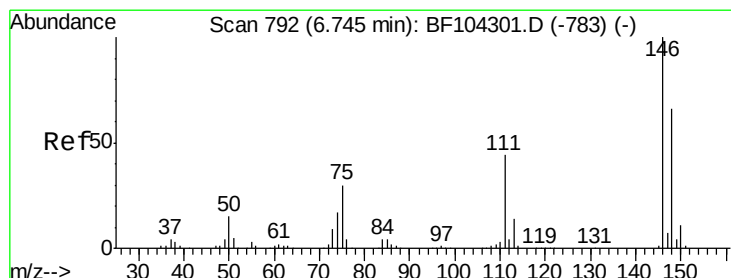
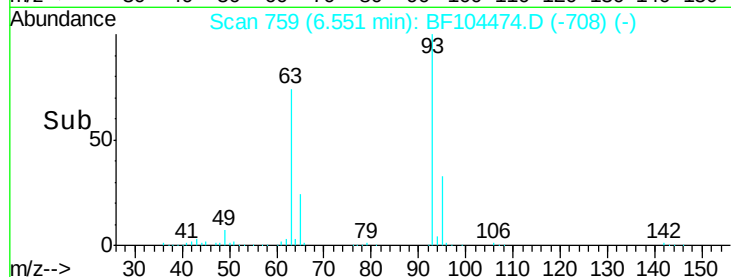
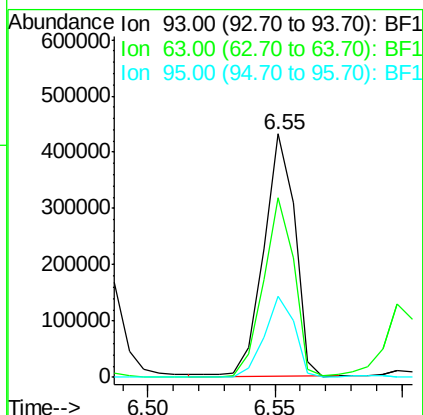
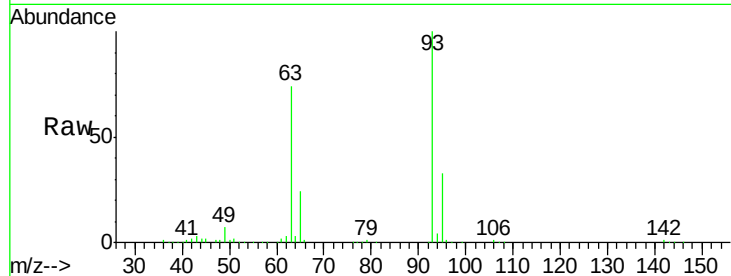




#11
bis(2-Chloroethyl)ether
Concen: 40.050 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

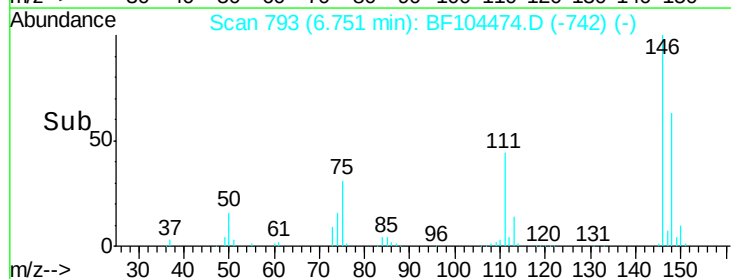
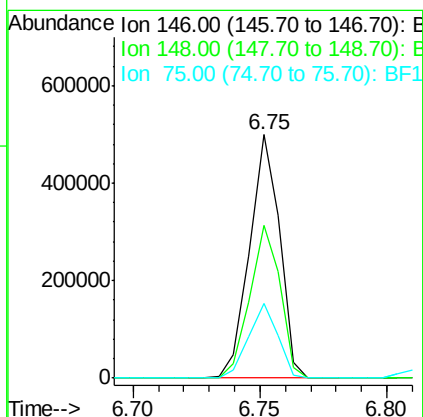
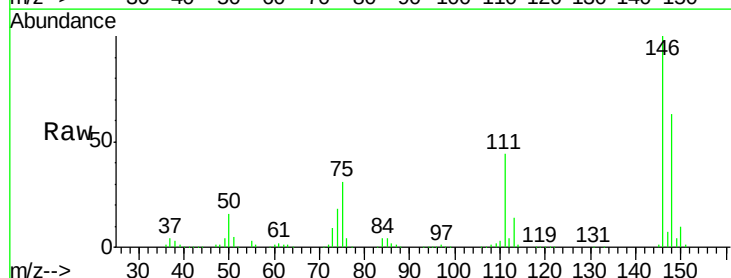
Instrument :
BNA_F
ClientSampleId :

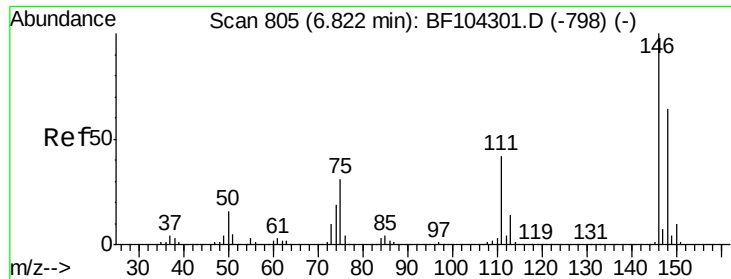
Tot Ion: 93 Resp: 372853
Ion Ratio Lower Upper
93 100
63 74.0 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.517 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion: 146 Resp: 412142
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 30.9 24.2 36.4

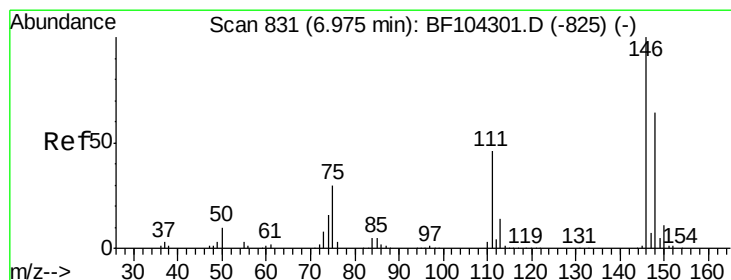
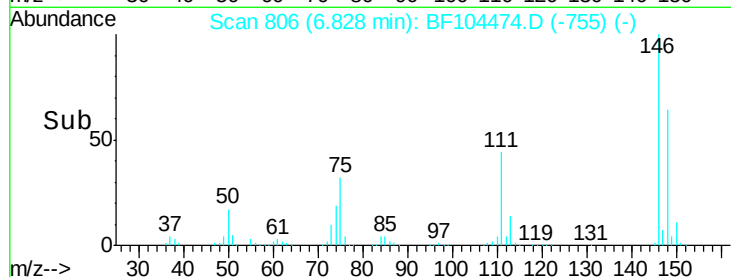
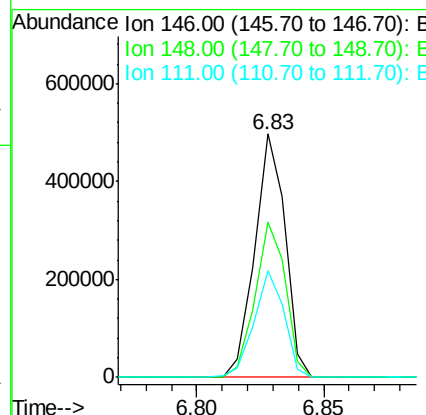
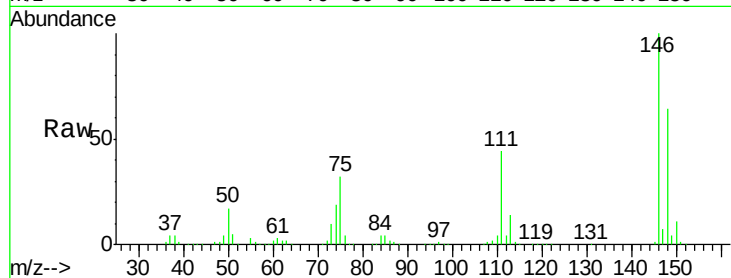




#13
 1,4-Dichlorobenzene
 Concen: 39.047 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

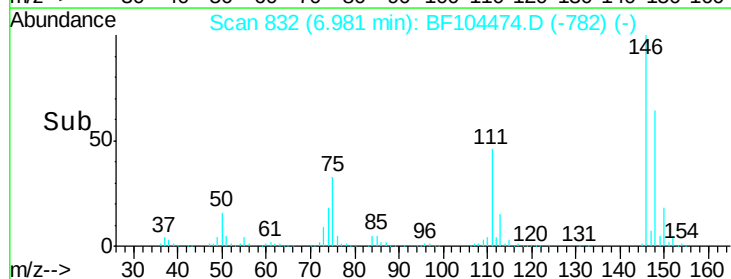
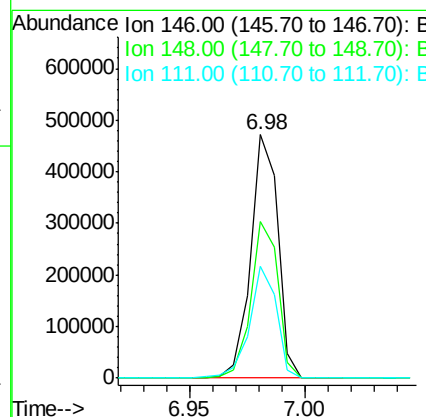
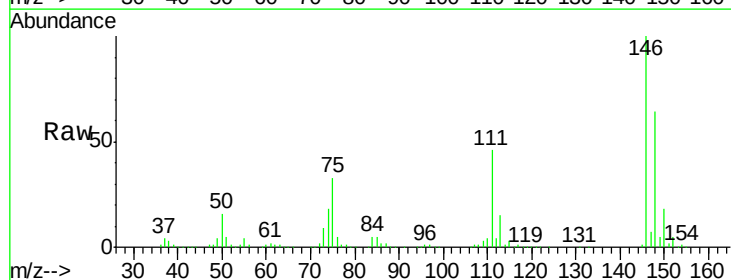
Instrument :
 BNA_F
 ClientSampleId :

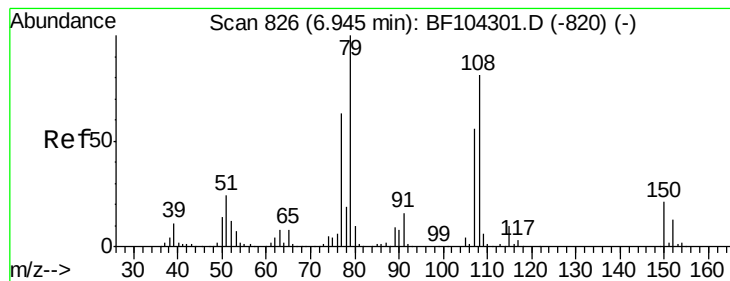
Tot Ion:146 Resp: 416490
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.339 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:146 Resp: 388849
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 45.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.762 ng

RT: 6.96 min Scan# 828

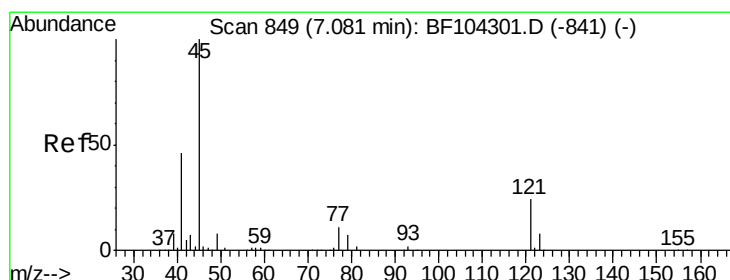
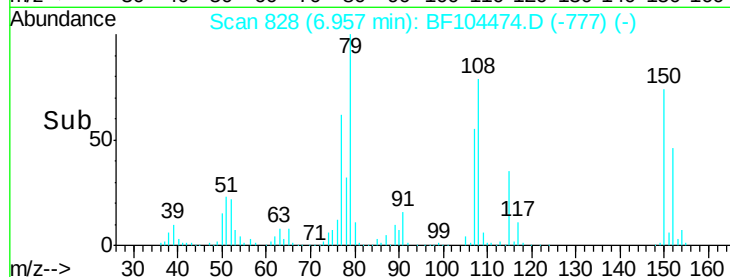
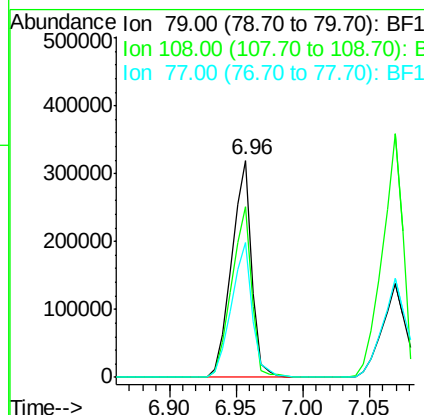
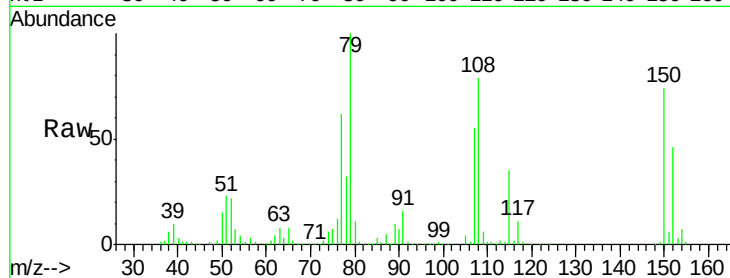
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	340407
Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.1	97.7
77	62.0	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.043 ng

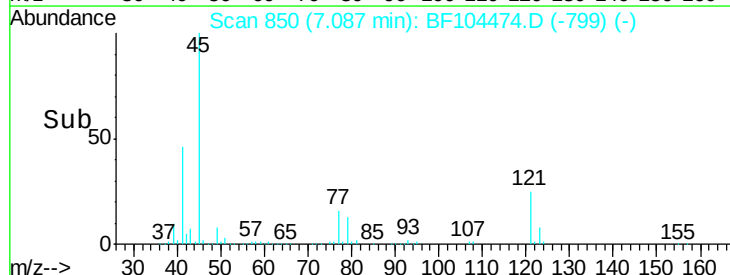
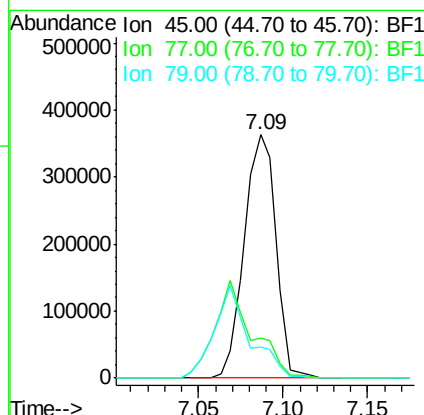
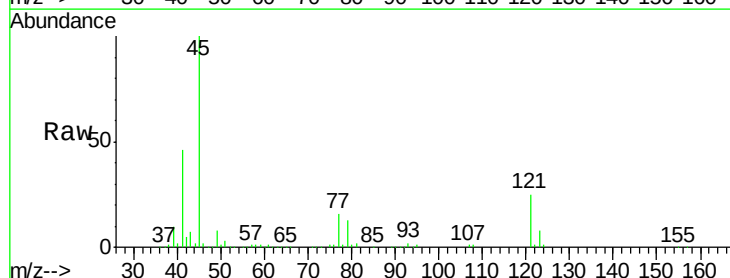
RT: 7.09 min Scan# 850

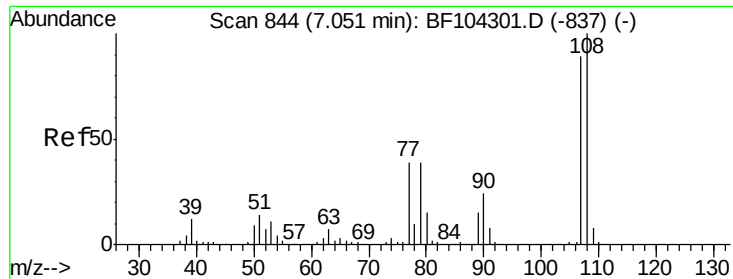
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	45	Resp:	475627
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	32.9
79	12.7	0.0	29.6

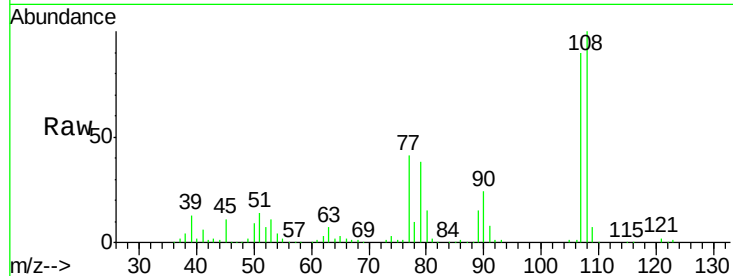




#17
2-Methylphenol
Concen: 42.052 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	45.2	33.8	50.8
79	42.8	33.8	50.8



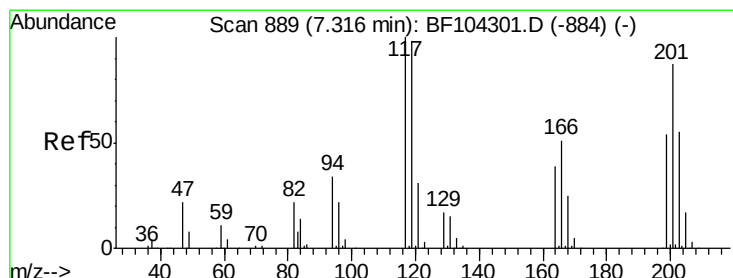
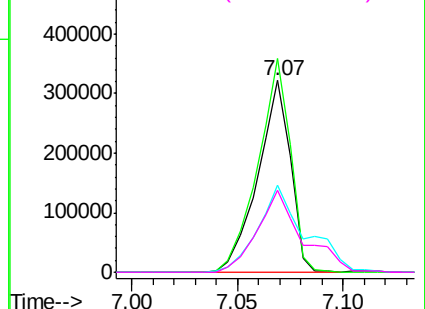
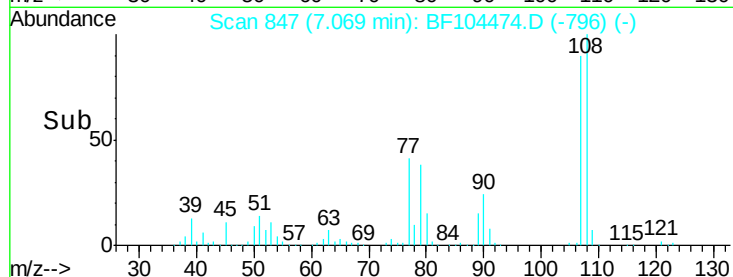
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

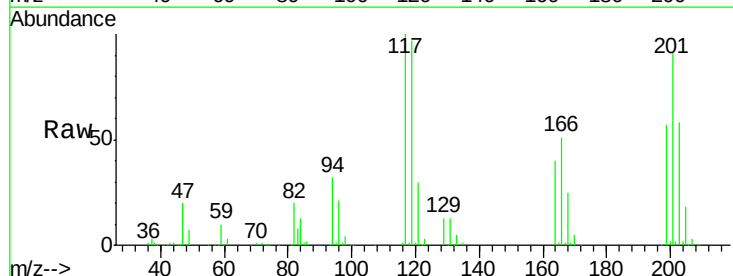
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.123 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	90.6	75.7	113.5

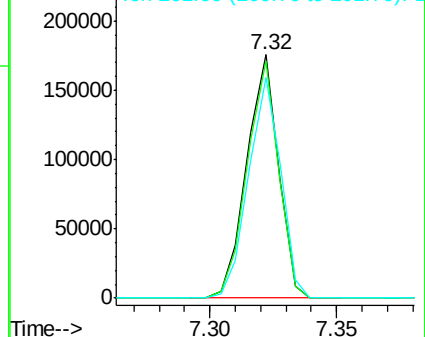
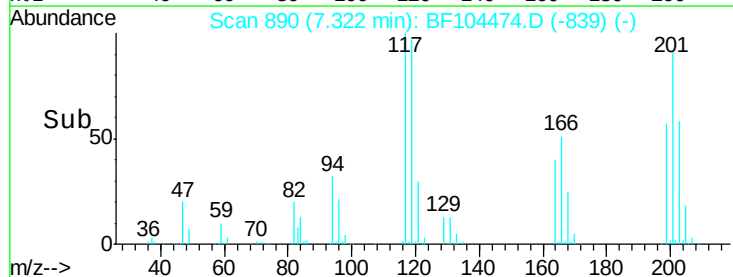


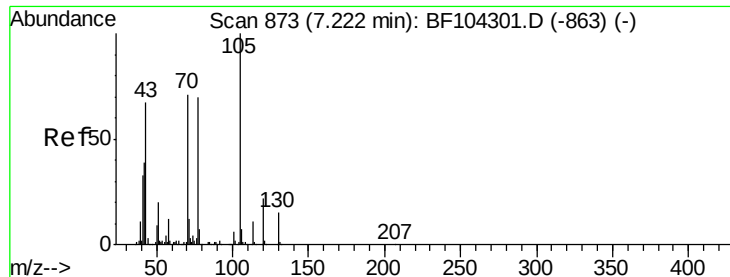
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

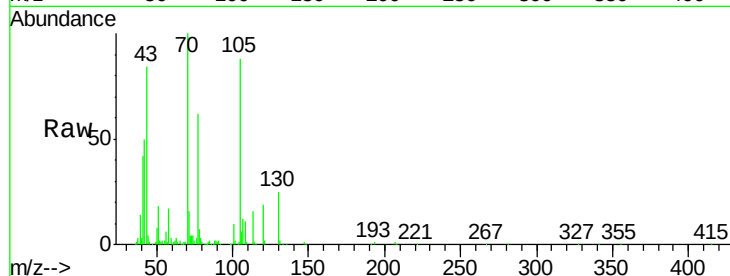




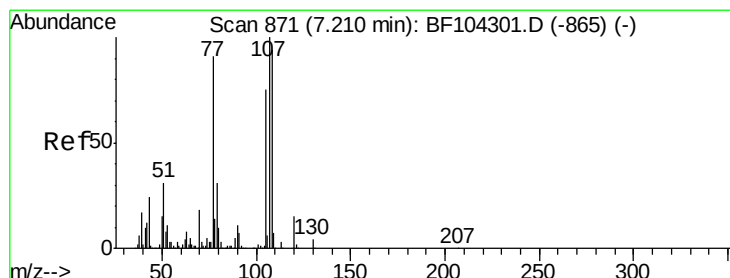
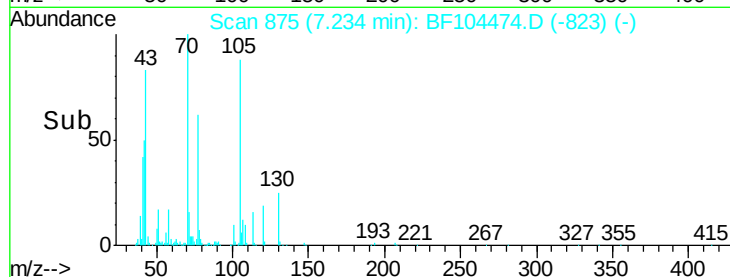
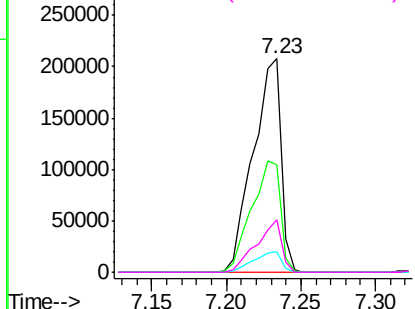
#19
n-Nitroso-di-n-propylamine
Concen: 37.213 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 267369
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 9.7 7.4 11.2
130 24.5 16.6 25.0

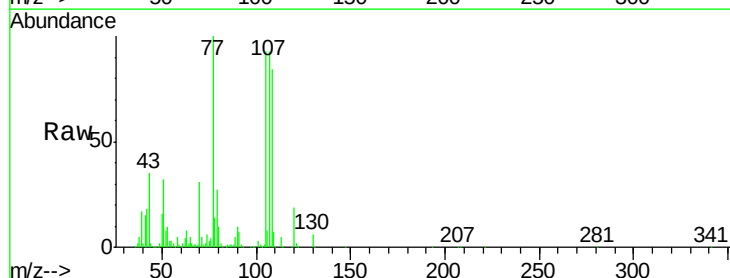


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

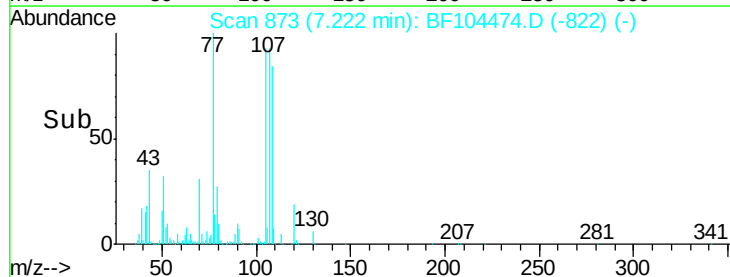
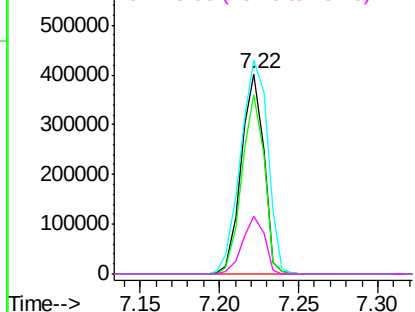


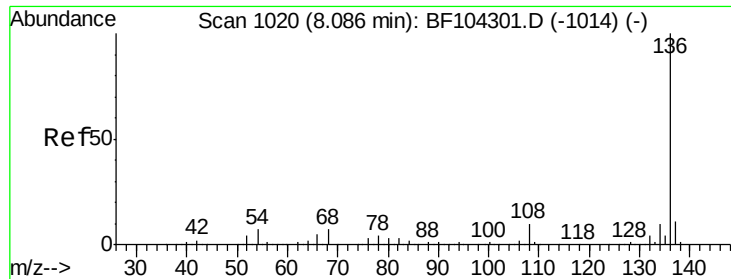
#20
3+4-Methylphenols
Concen: 38.716 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:107 Resp: 394224
Ion Ratio Lower Upper
107 100
108 89.6 68.2 108.2
77 107.0 26.7 66.7#
79 28.8 6.3 46.3



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

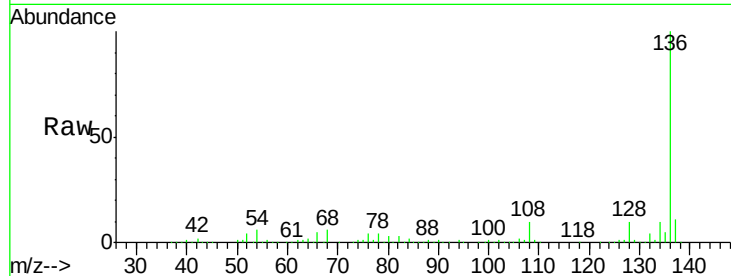




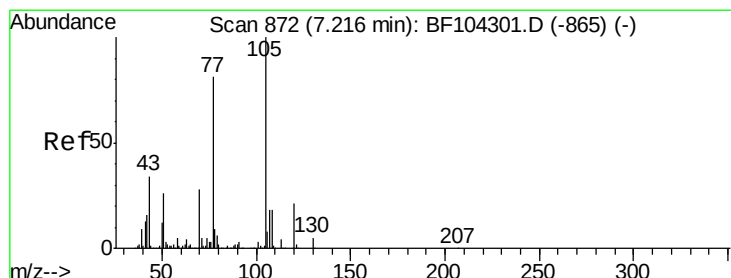
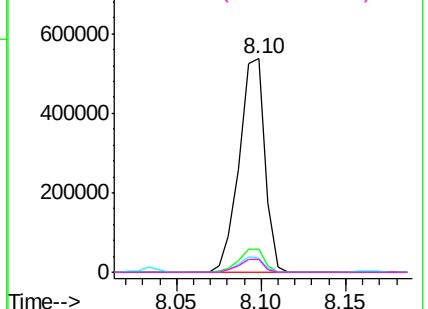
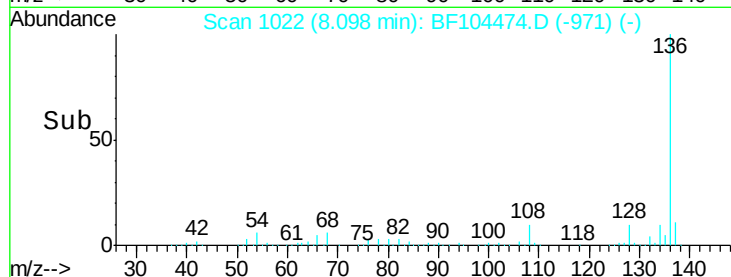
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	570827
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.5	6.6 9.8#
68	5.9	5.0 7.4

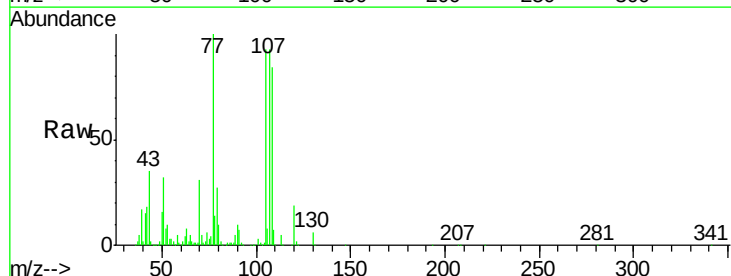


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

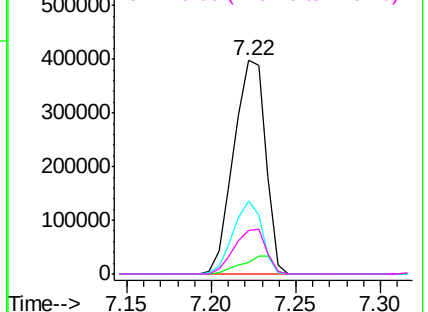
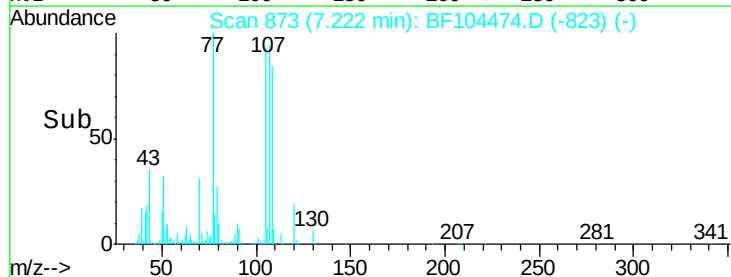


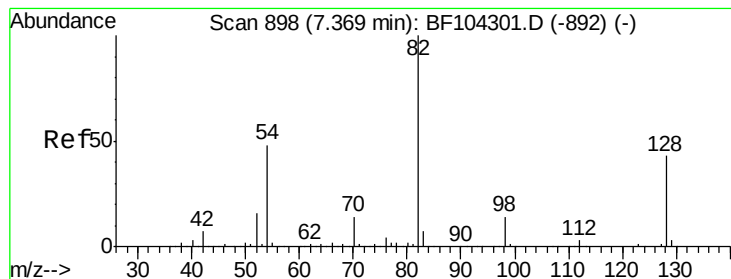
#22
Acetophenone
Concen: 37.392 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:105	Resp:	525482
Ion Ratio	Lower	Upper
105	100	
71	5.7	4.4 6.6
51	34.4	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: 94.020 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

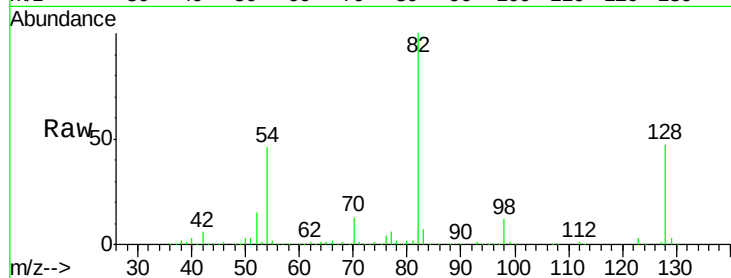
Tot Ion: 82 Resp: 821906

Ion Ratio Lower Upper

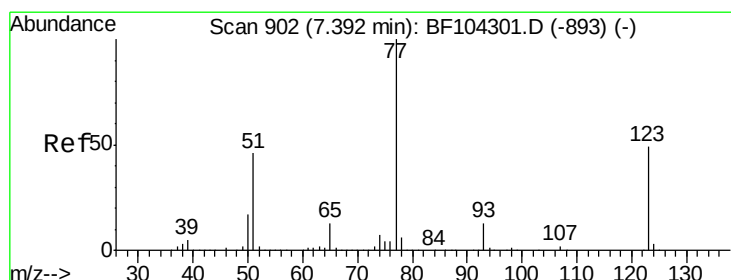
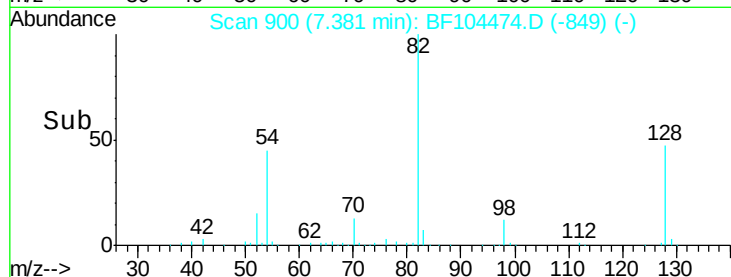
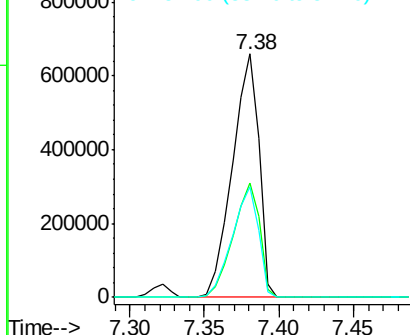
82 100

128 47.1 36.1 54.1

54 45.6 41.4 62.2



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



#24

Nitrobenzene

Concen: 43.364 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

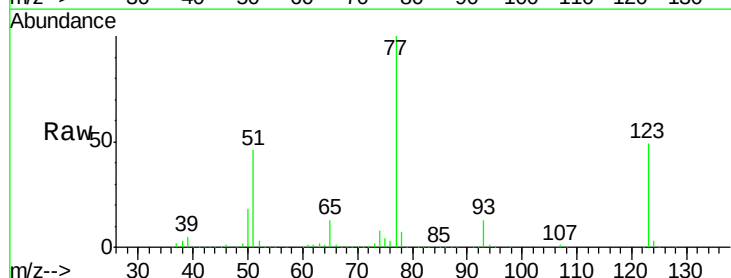
Tgt Ion: 77 Resp: 418534

Ion Ratio Lower Upper

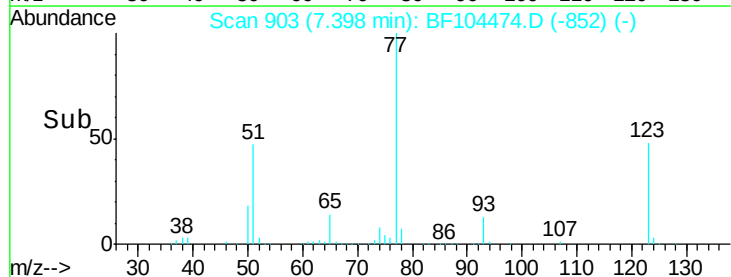
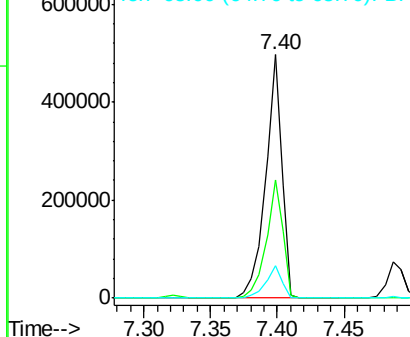
77 100

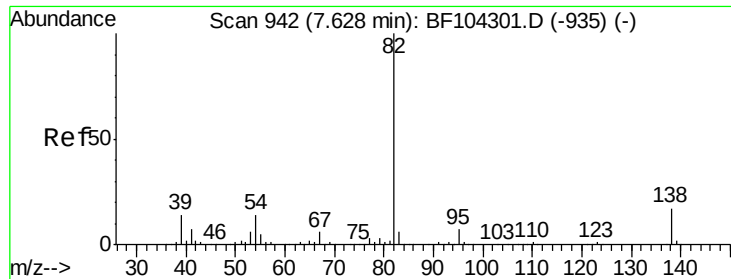
123 48.8 37.9 56.9

65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 42.100 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

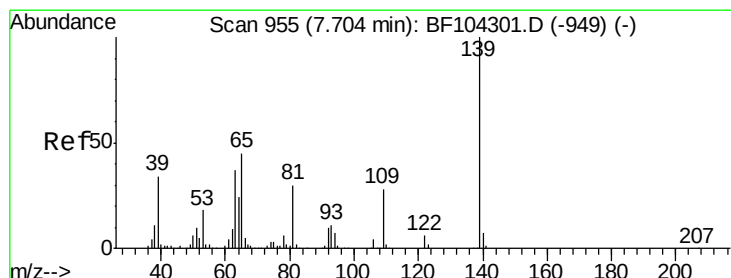
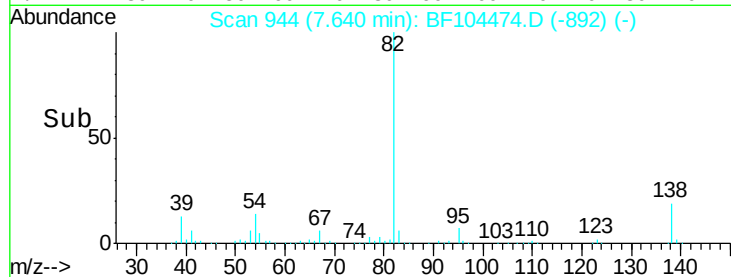
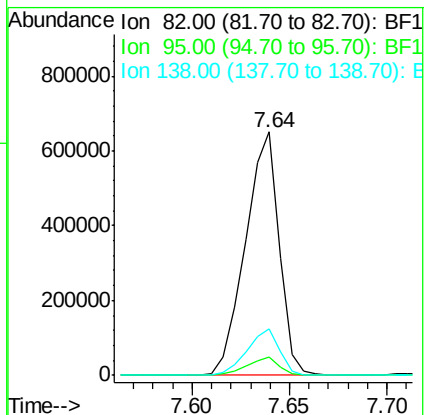
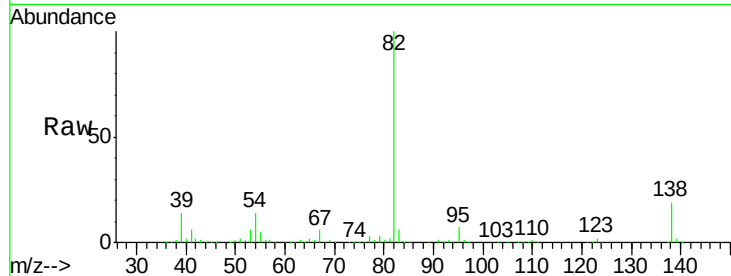
Tot Ion: 82 Resp: 778260

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 57.991 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

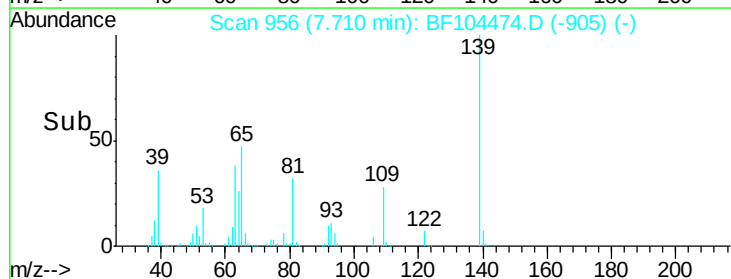
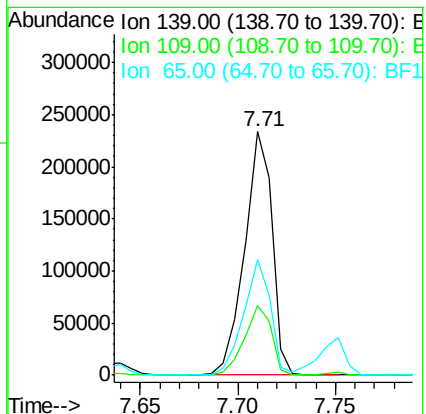
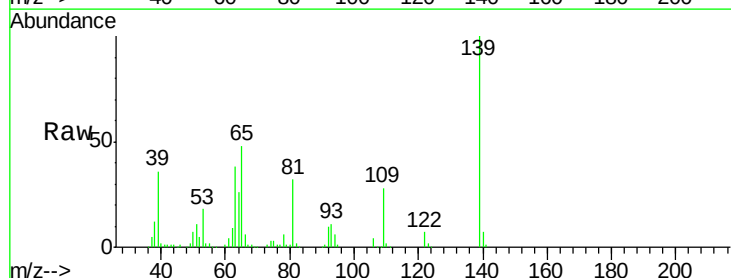
Tgt Ion: 139 Resp: 227856

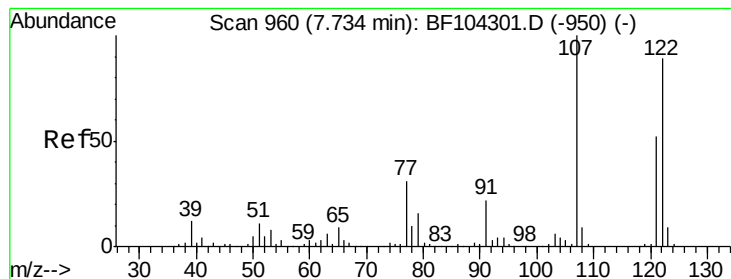
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 47.6 40.5 60.7

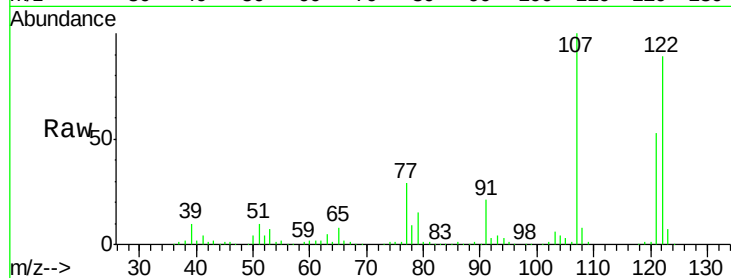




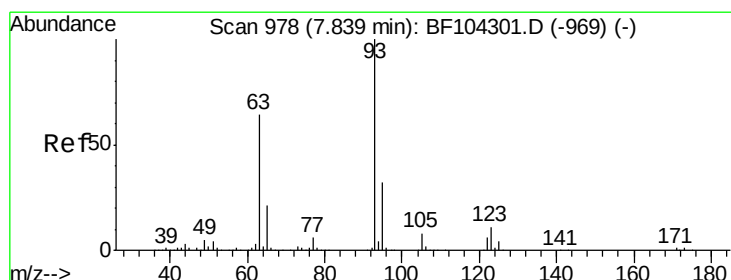
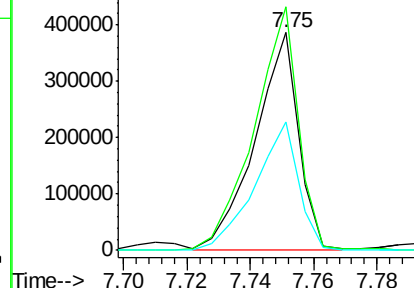
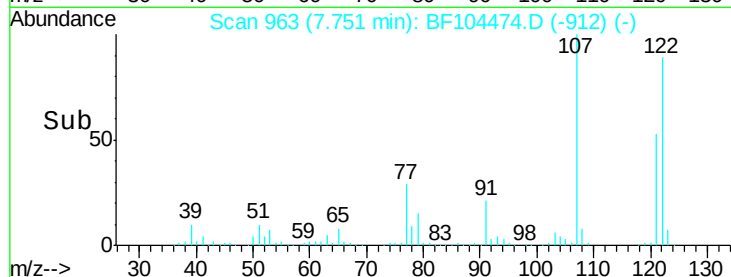
#27
 2,4-Dimethylphenol
 Concen: 45.097 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 367918
 Ion Ratio Lower Upper
 122 100
 107 112.0 91.2 136.8
 121 59.2 47.2 70.8

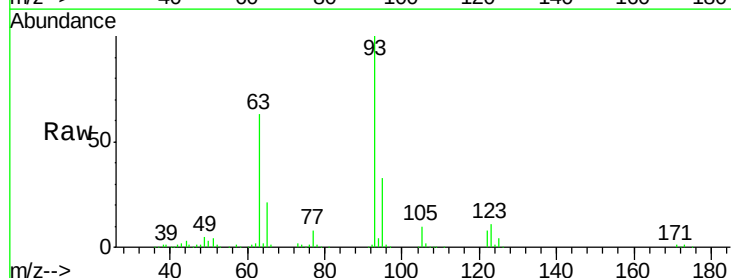


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

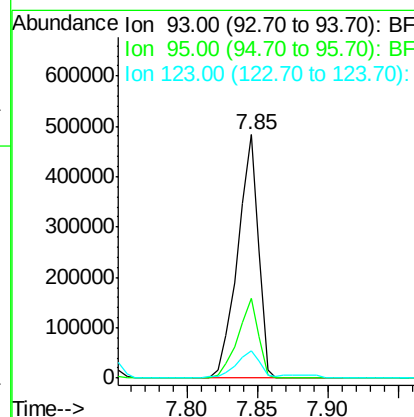
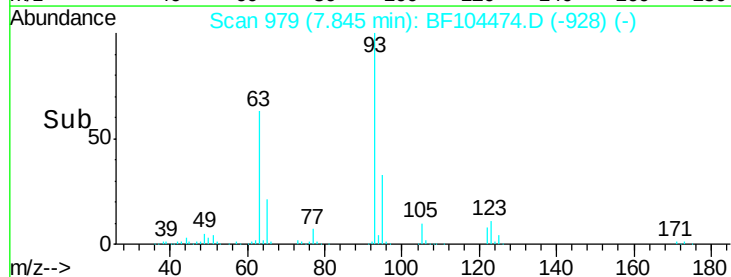


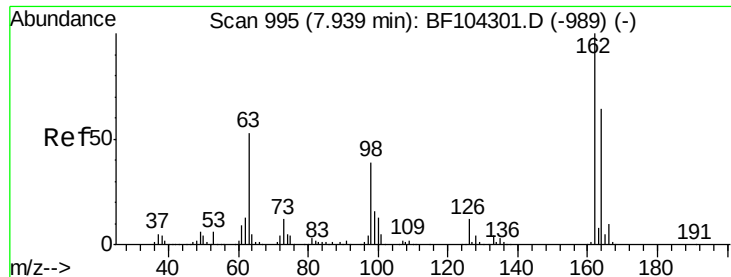
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.625 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion: 93 Resp: 493073
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.2 9.8 14.6



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

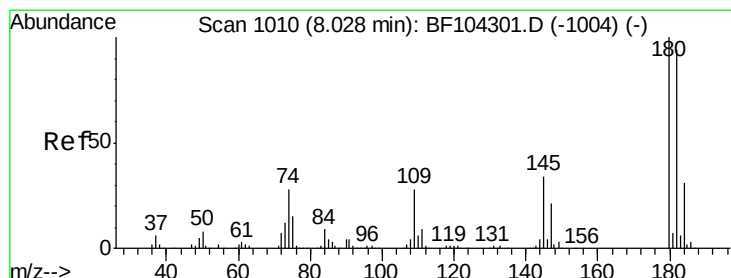
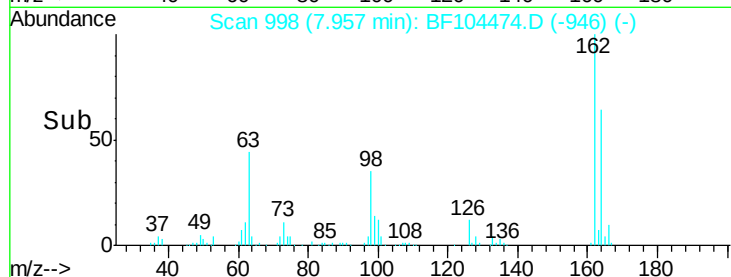
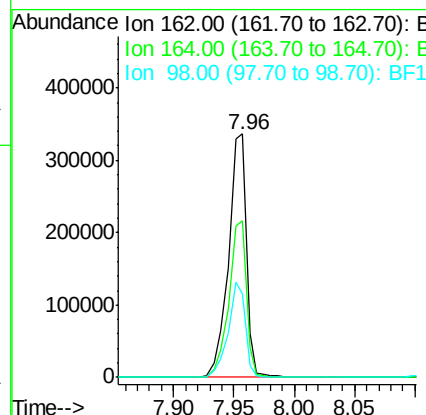
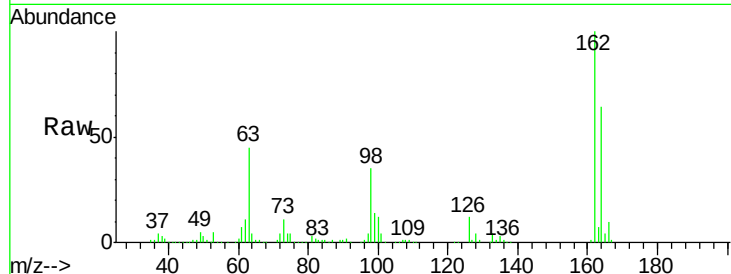




#29
2,4-Dichlorophenol
Concen: 44.614 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

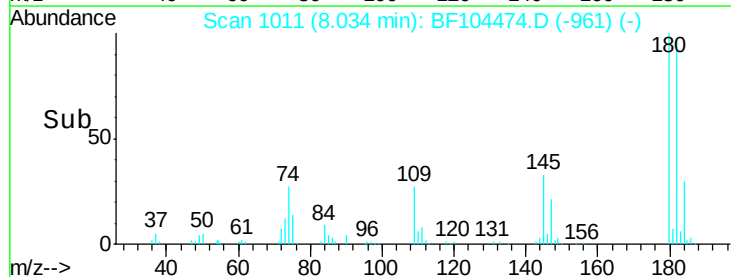
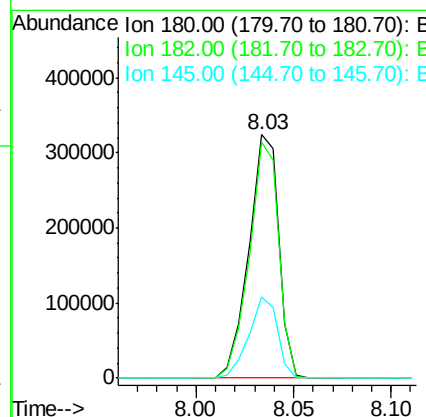
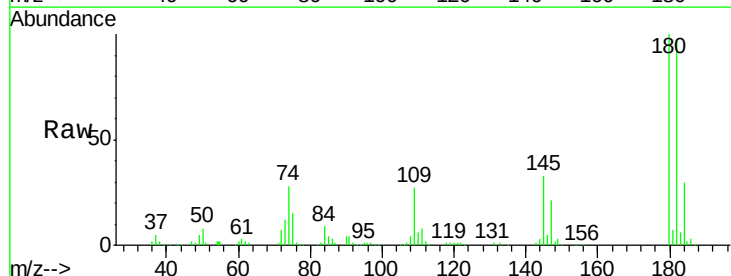
Instrument :
BNA_F
ClientSampleId :

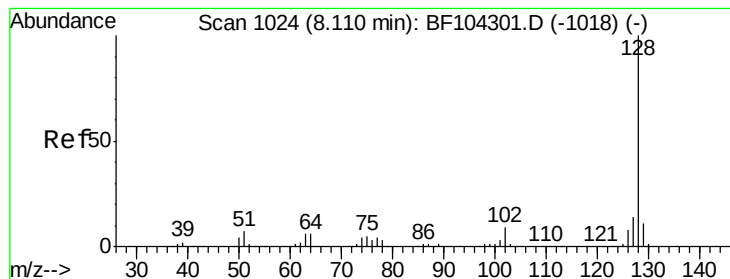
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	34.6	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.223 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.8	115.2
145	33.3	26.5	39.7





#31

Naphthalene

Concen: 40.436 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampled :

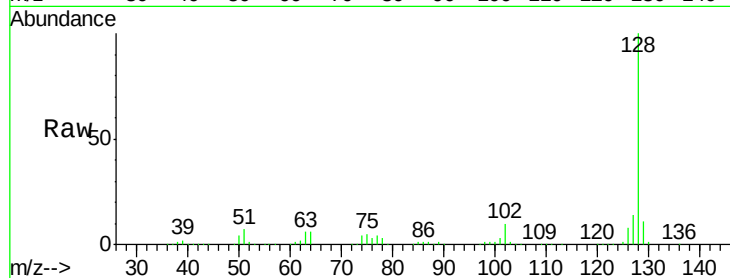
Tot Ion:128 Resp: 1149346

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

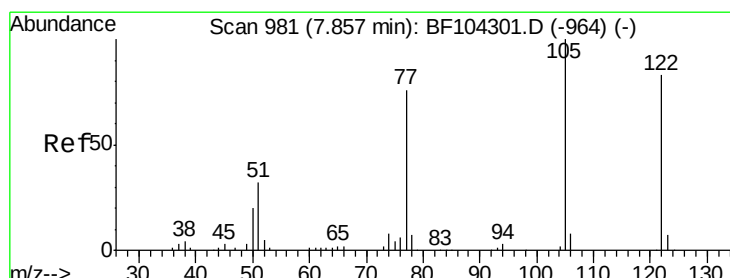
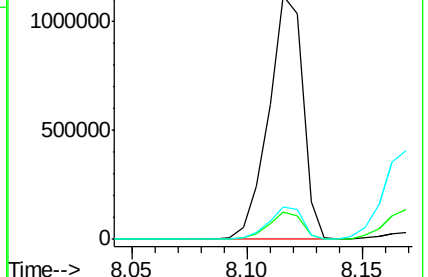
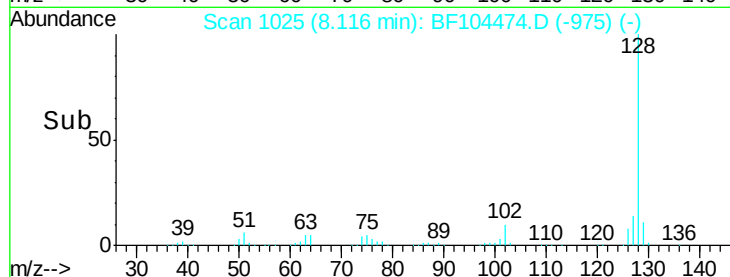
127 13.6 10.9 16.3



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: 43.208 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

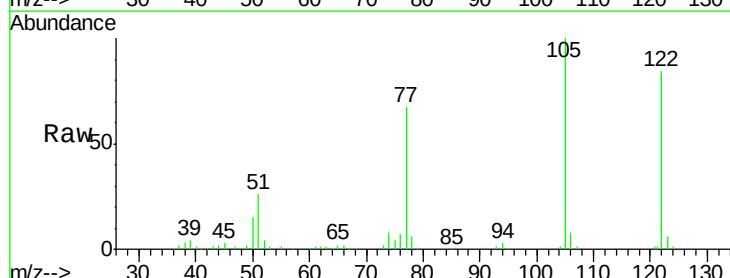
Tgt Ion:122 Resp: 281265

Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

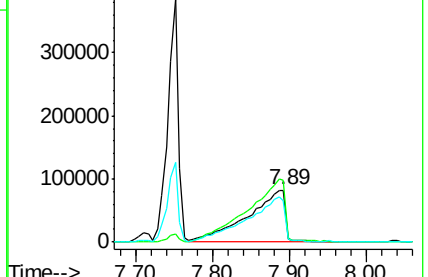
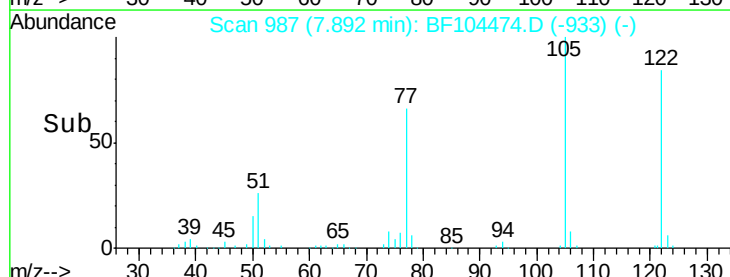
77 79.8 70.7 110.7

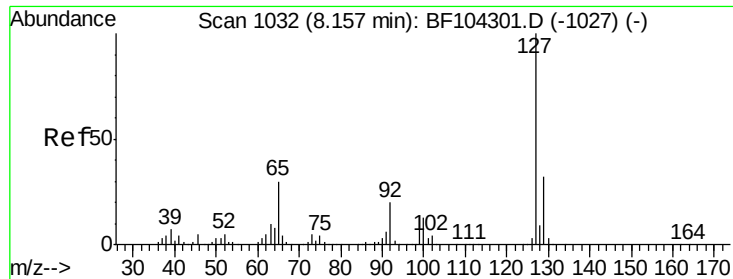


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

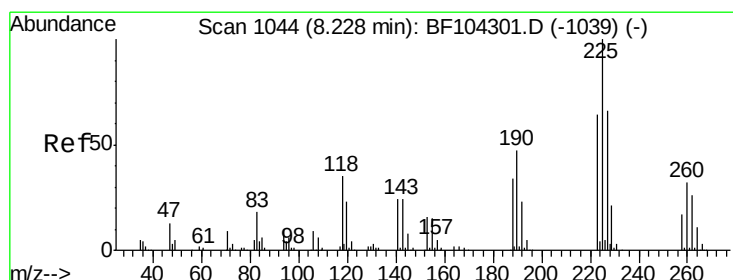
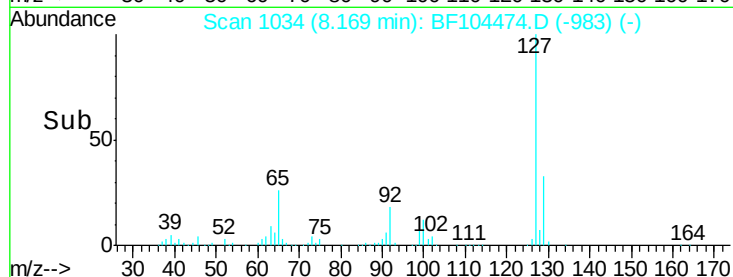
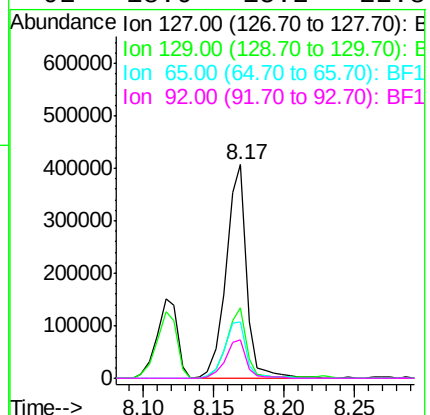
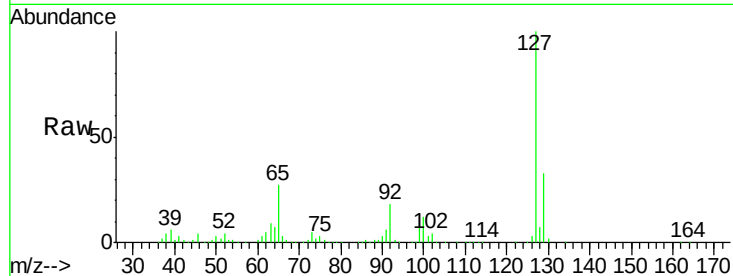




#33
4-Chloroaniline
Concen: 33.415 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

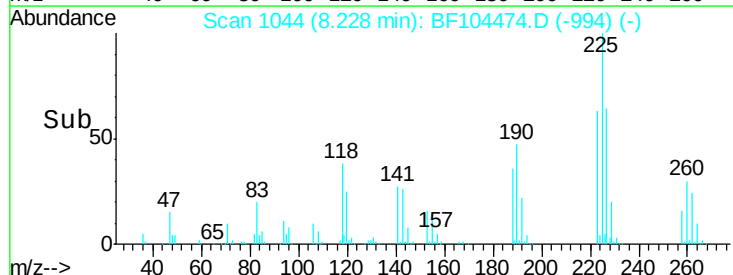
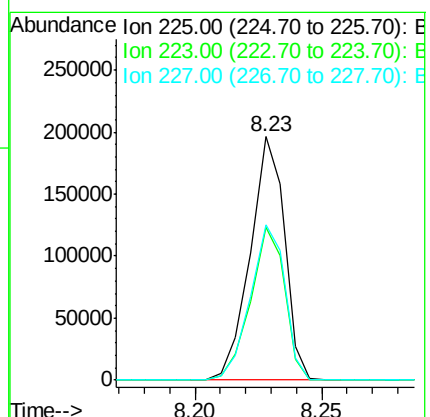
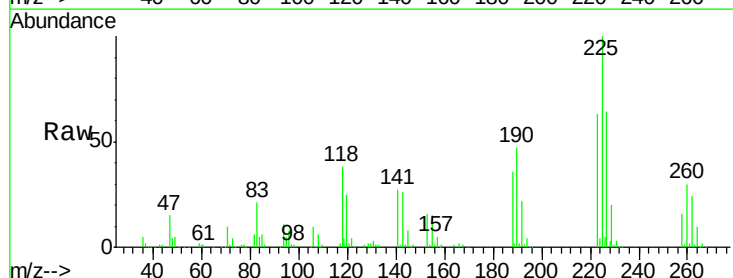
Instrument :
BNA_F
ClientSampleId :

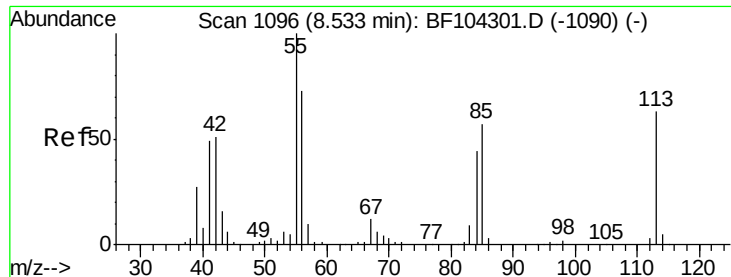
Tot Ion:	127	Resp:	406912
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	26.5	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.595 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:	225	Resp:	185277
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.8	51.9	77.9

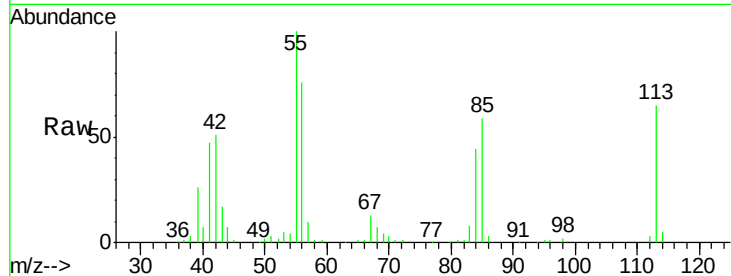




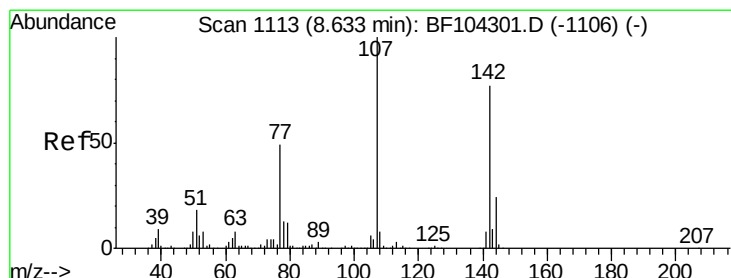
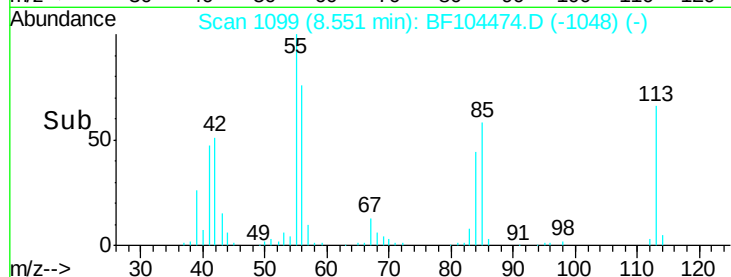
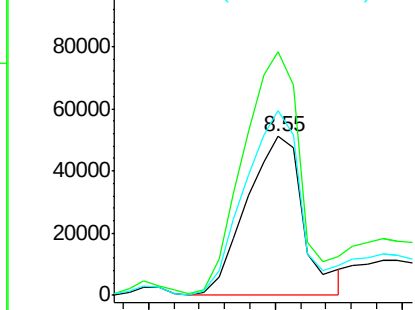
#35
 Caprolactam
 Concen: 29.566 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 80288
 Ion Ratio Lower Upper
 113 100
 55 153.3 163.3 203.3#
 56 116.0 115.7 155.7

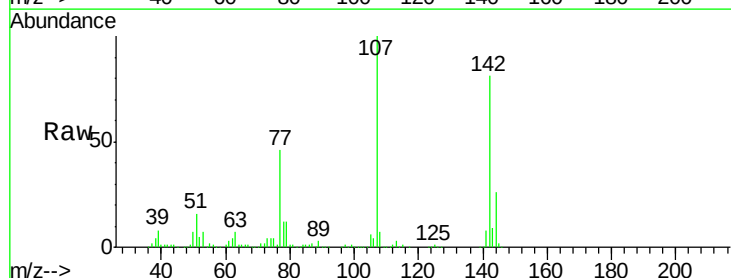


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

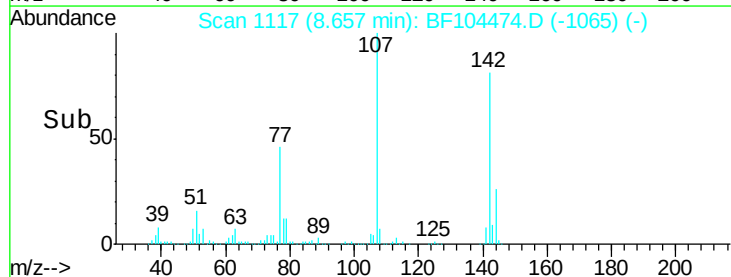
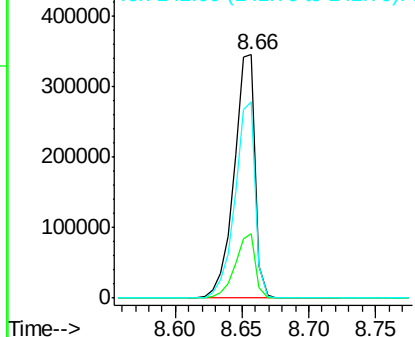


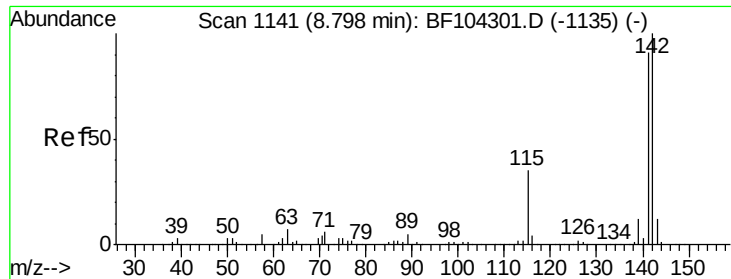
#36
 4-Chloro-3-methylphenol
 Concen: 45.703 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:107 Resp: 381479
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 80.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

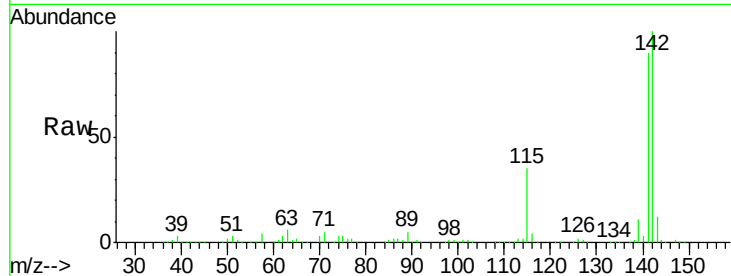




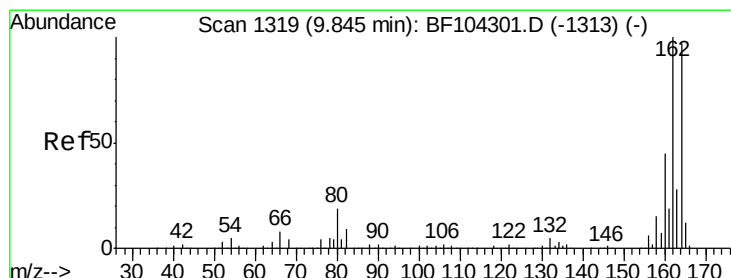
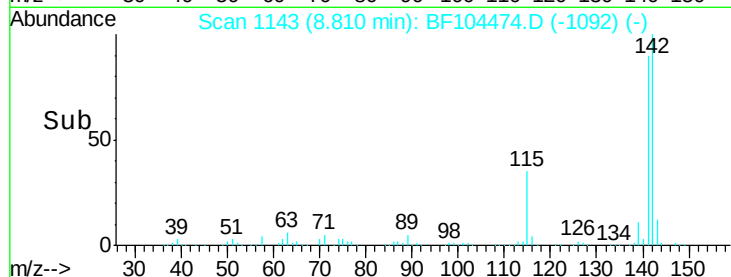
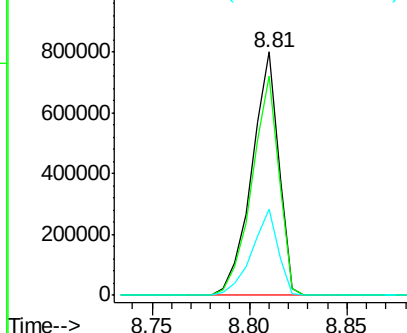
#37
2-Methylnaphthalene
Concen: 41.722 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 767106
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 35.3 26.1 39.1

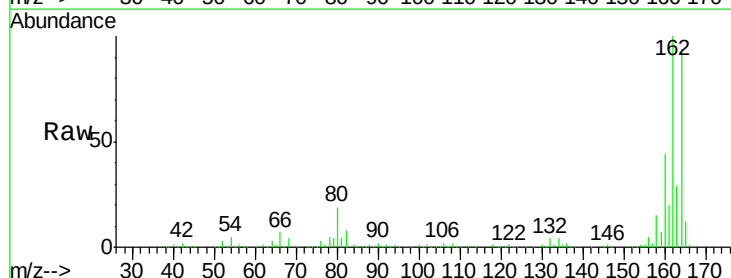


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

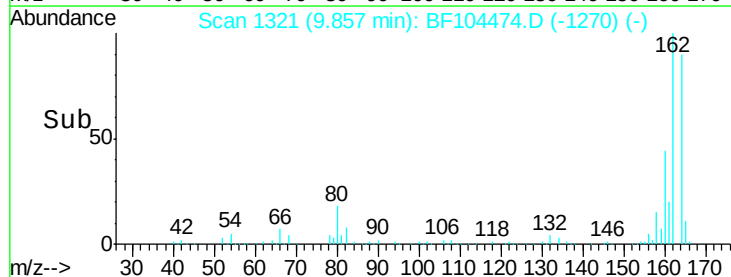
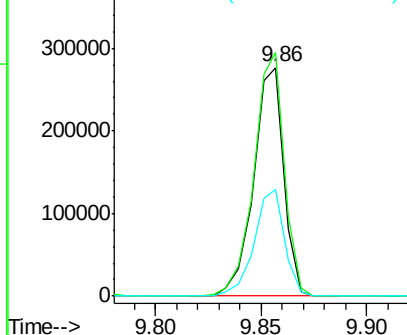


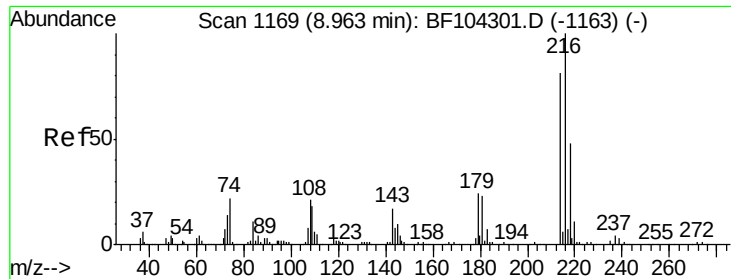
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:164 Resp: 274810
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 47.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.165 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 323833

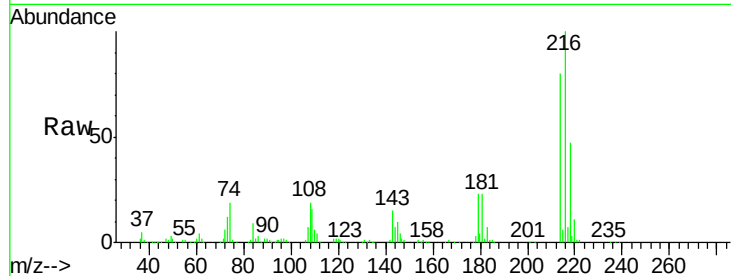
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.4 18.1 27.1

108 22.8 17.2 25.8

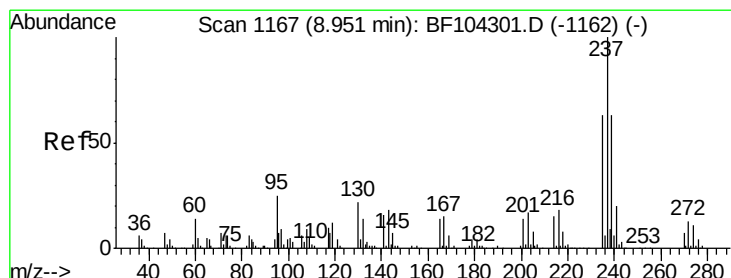
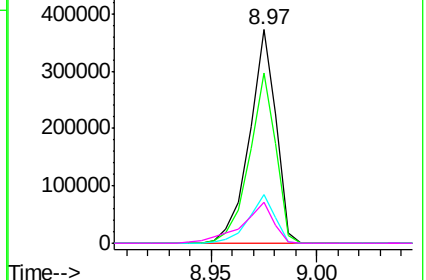
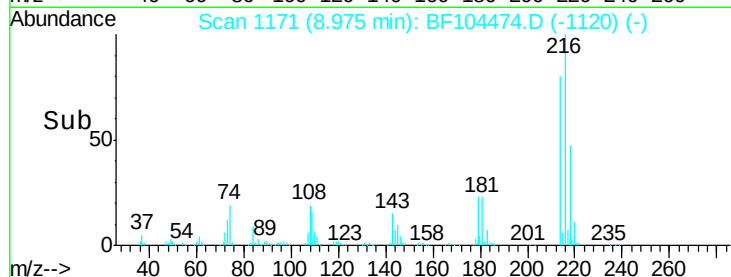


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.182 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

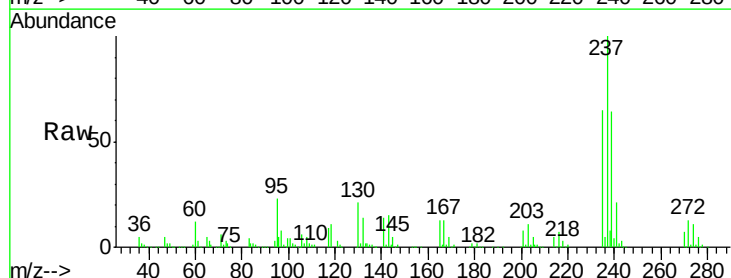
Tgt Ion:237 Resp: 357526

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

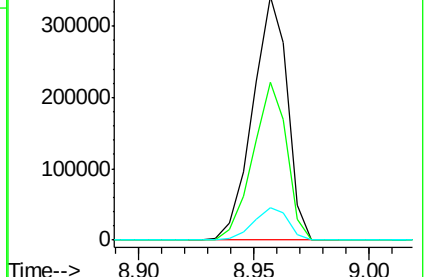
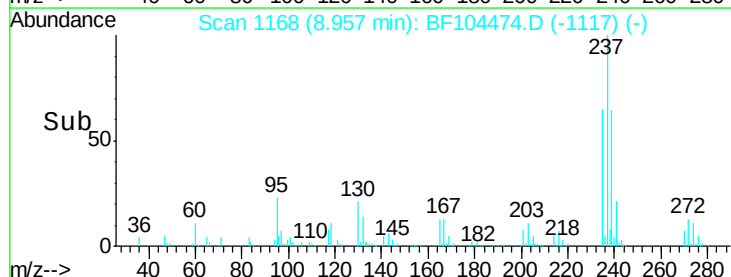
272 13.3 0.0 33.3

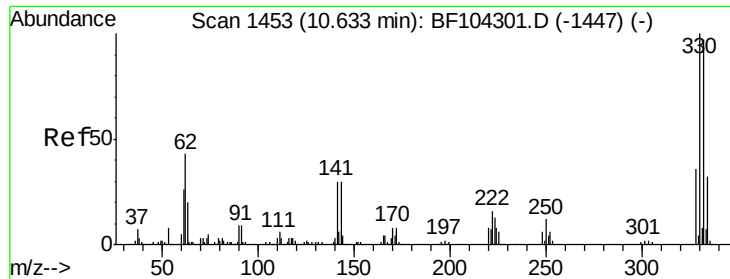


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 128.601 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampled :

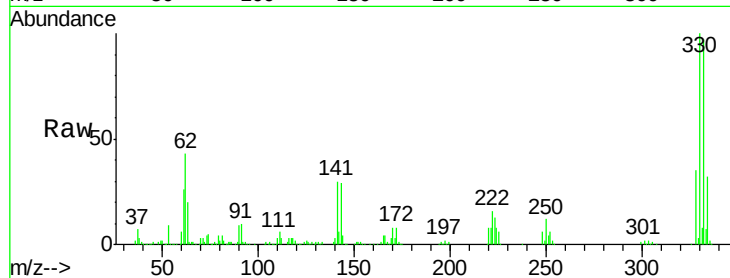
Tot Ion:330 Resp: 366599

Ion Ratio Lower Upper

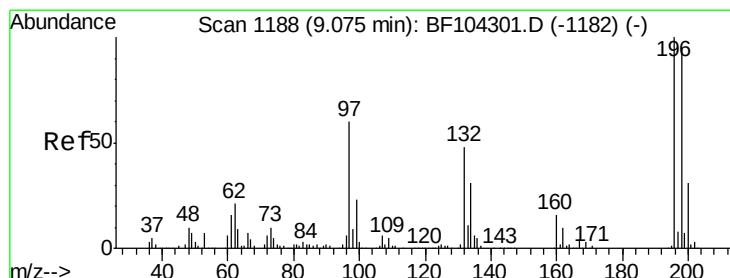
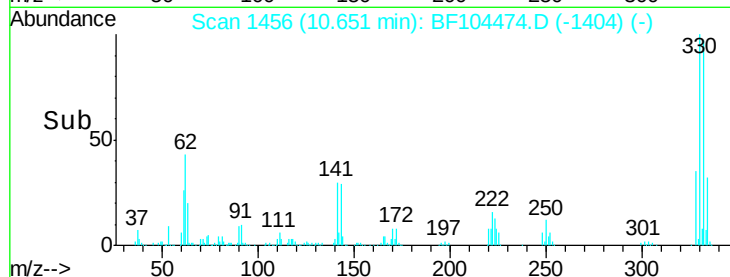
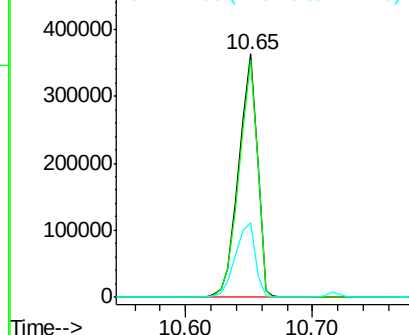
330 100

332 96.4 77.0 115.6

141 32.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 44.860 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

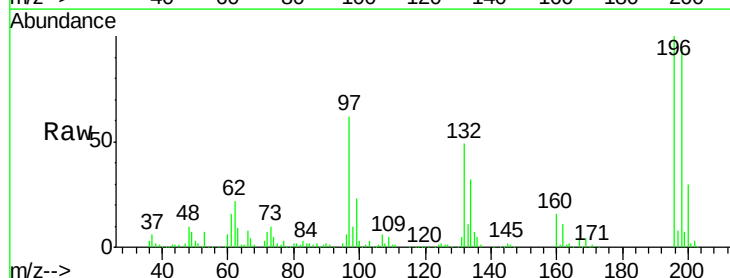
Tgt Ion:196 Resp: 244978

Ion Ratio Lower Upper

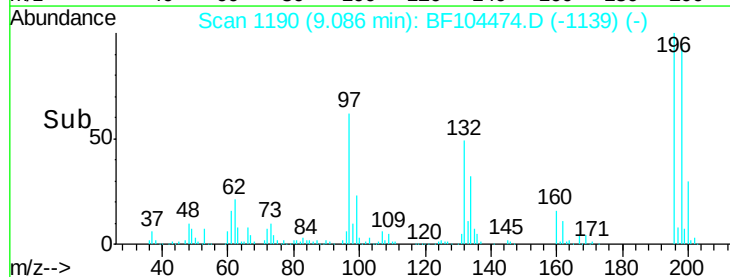
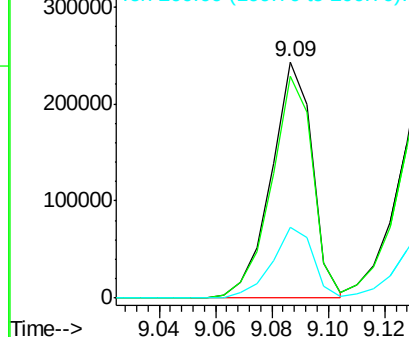
196 100

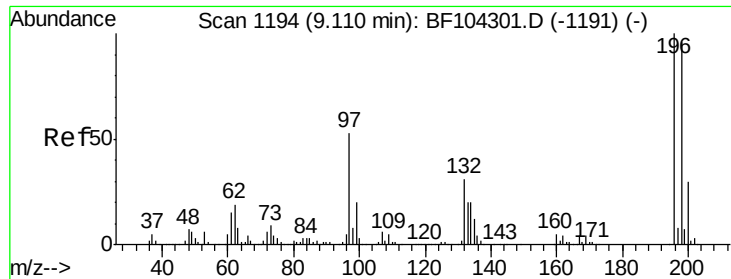
198 94.3 75.7 113.5

200 30.2 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

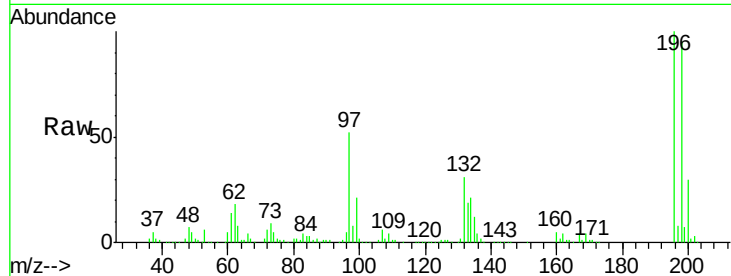




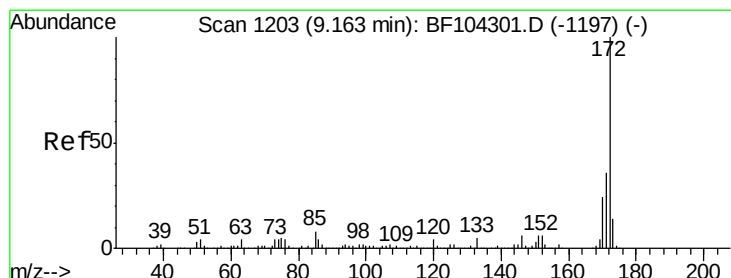
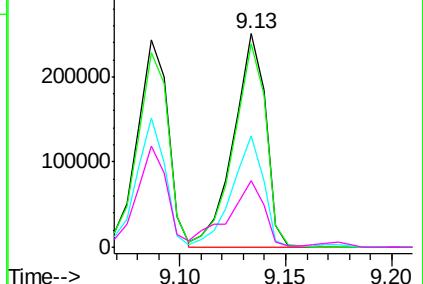
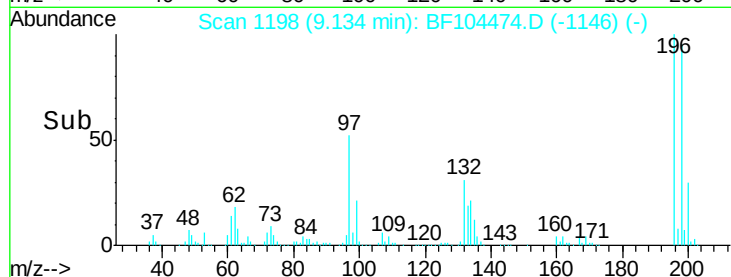
#43
 2,4,5-Trichlorophenol
 Concen: 43.323 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	264743
Ion Ratio	Lower	Upper
196	100	
198	95.5	74.6 112.0
97	52.3	42.9 64.3
132	31.0	26.3 39.5

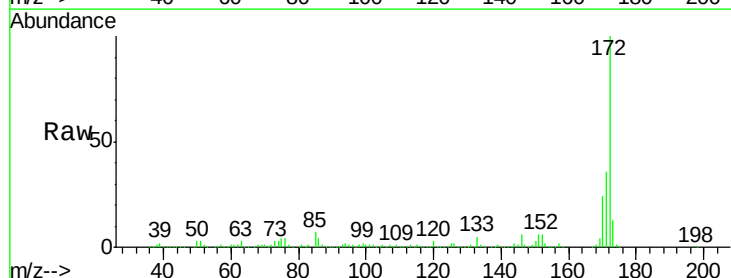


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

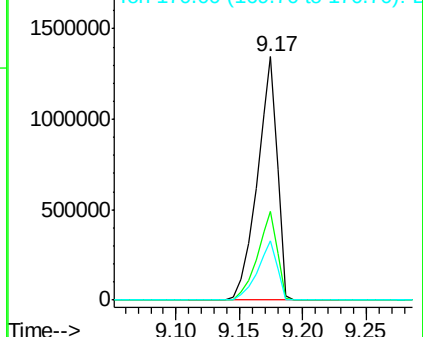
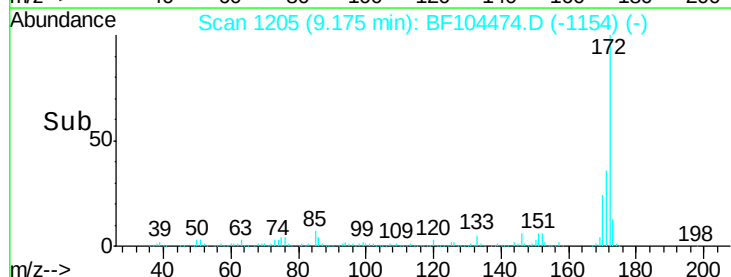


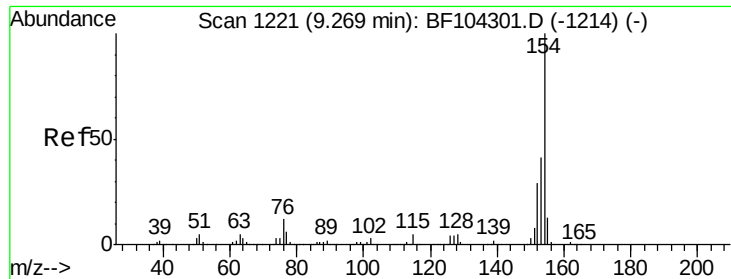
#44
 2-Fluorobiphenyl
 Concen: 85.109 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:172	Resp:	1480538
Ion Ratio	Lower	Upper
172	100	
171	36.3	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: 39.965 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampled :

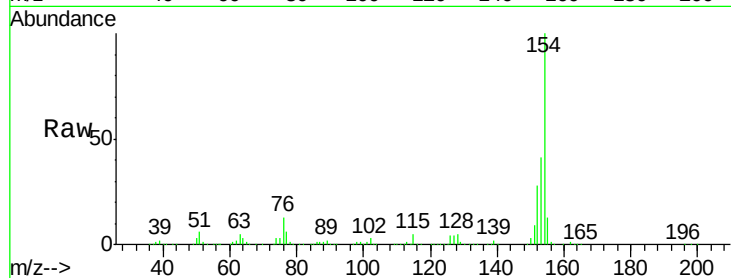
Tot Ion:154 Resp: 922625

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

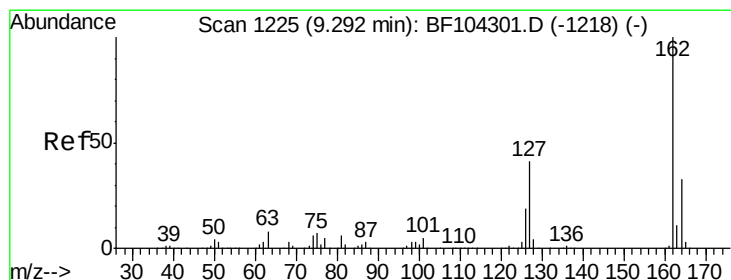
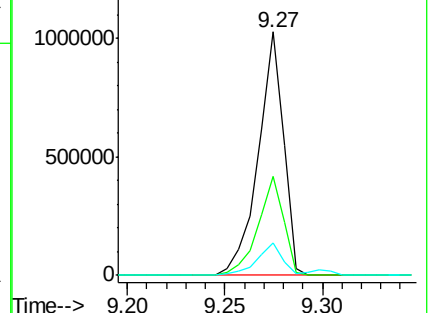
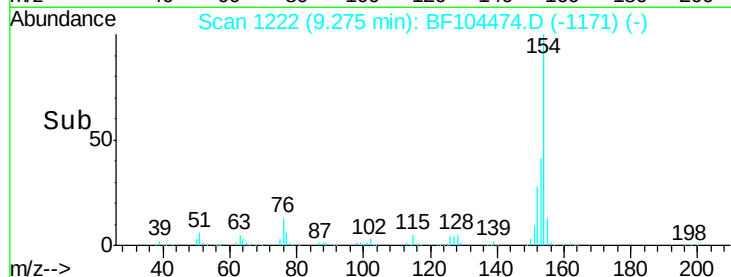
76 13.2 0.0 34.0



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: 40.015 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

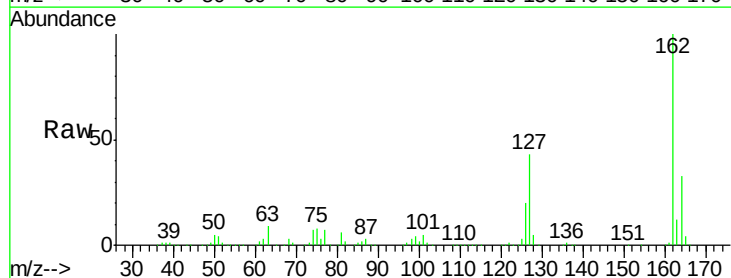
Tgt Ion:162 Resp: 729668

Ion Ratio Lower Upper

162 100

127 43.0 33.9 50.9

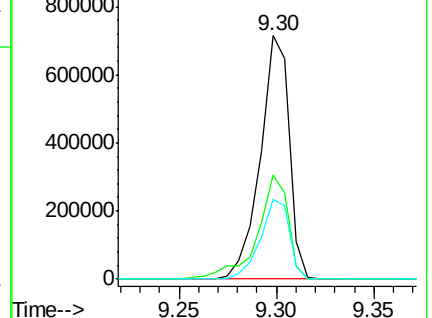
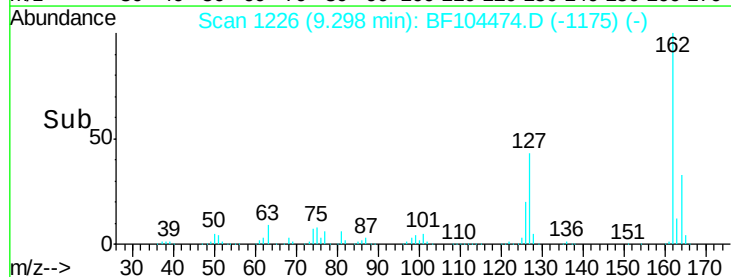
164 32.8 26.5 39.7

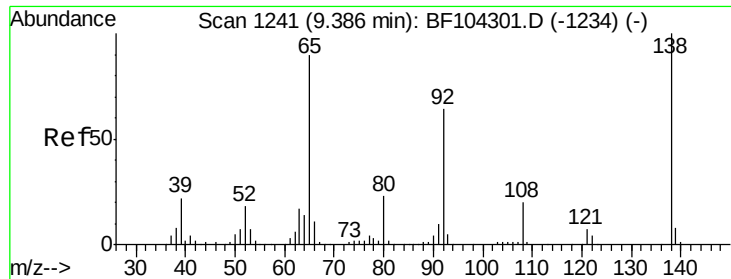


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

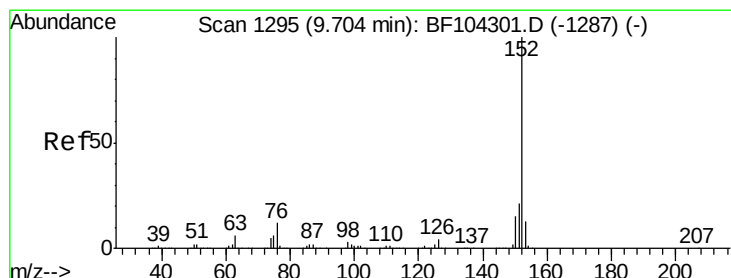
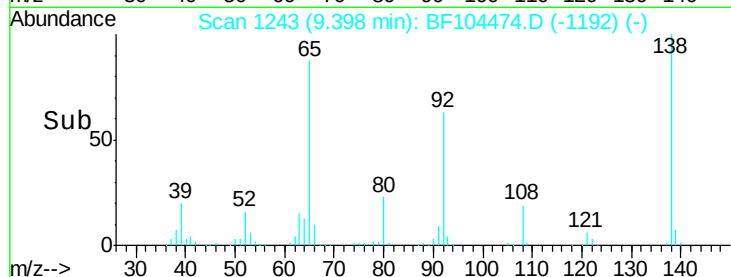
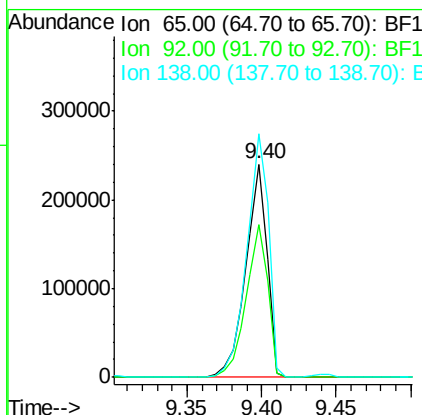
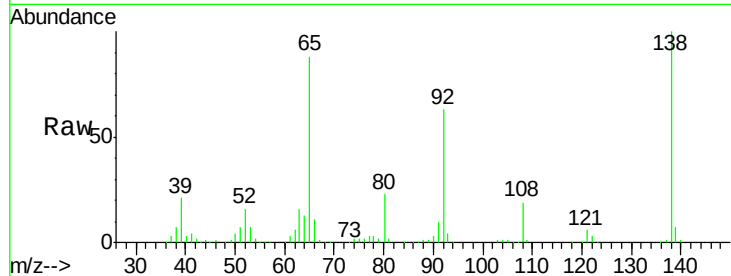




#47
2-Nitroaniline
Concen: 52.311 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

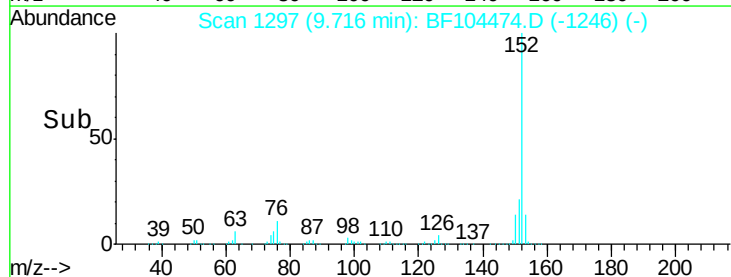
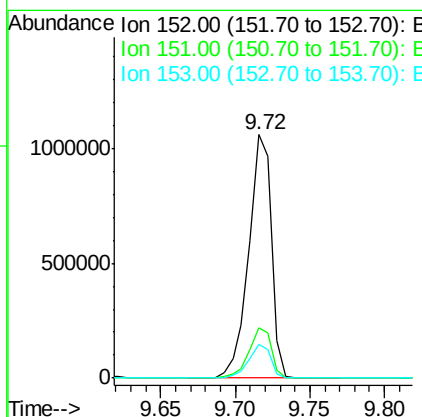
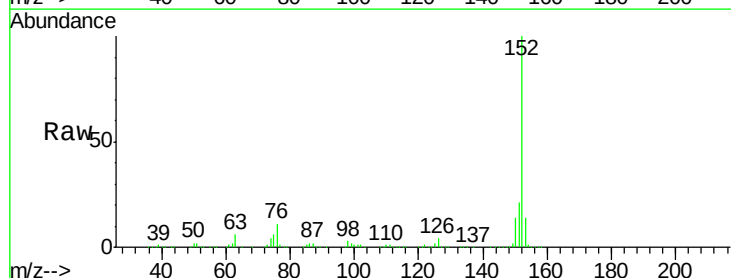
Instrument :
BNA_F
ClientSampleId :

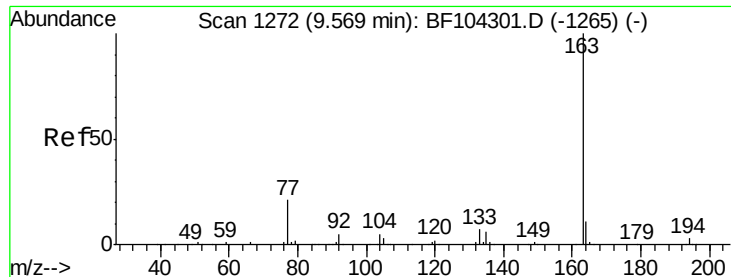
Tot Ion: 65 Resp: 235899
Ion Ratio Lower Upper
65 100
92 71.7 55.8 83.6
138 114.2 91.2 136.8



#48
Acenaphthylene
Concen: 38.837 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:152 Resp: 1111132
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.6 10.7 16.1

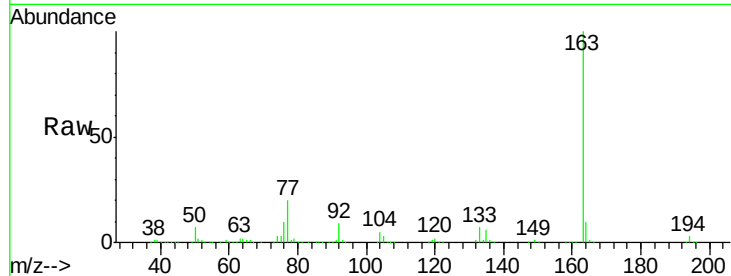




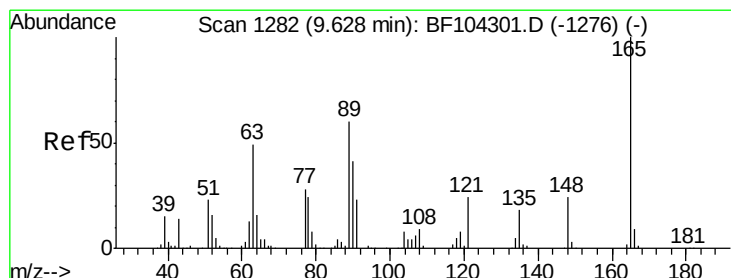
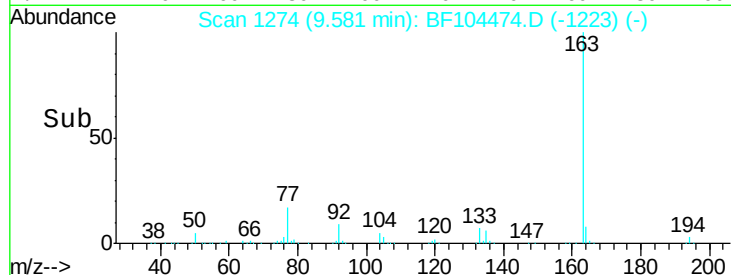
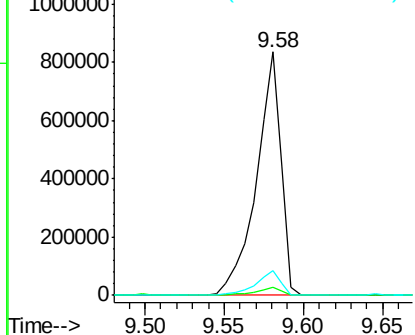
#49
Dimethylphthalate
Concen: 41.718 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 904075
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

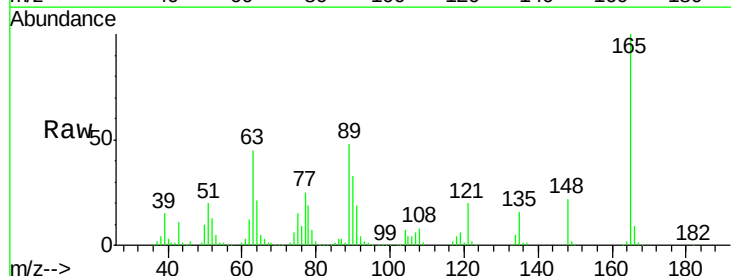


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

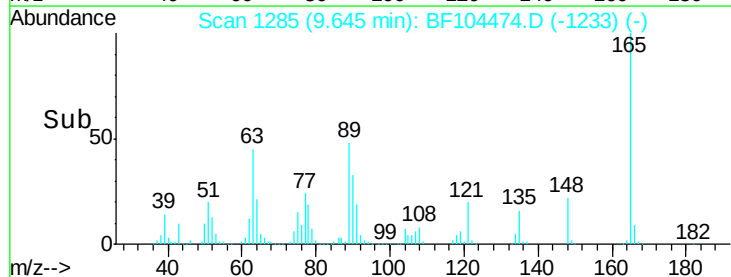
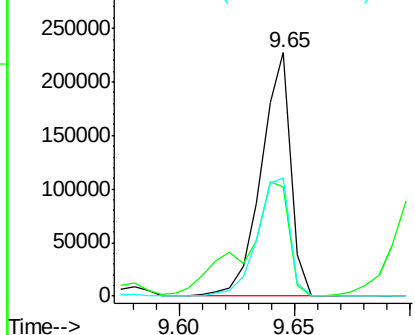


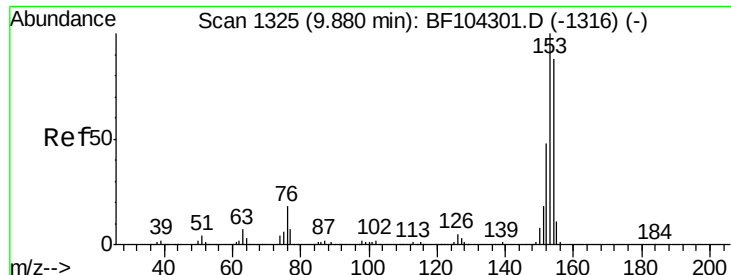
#50
2,6-Dinitrotoluene
Concen: 50.710 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:165 Resp: 203346
Ion Ratio Lower Upper
165 100
63 45.0 44.7 67.1
89 48.4 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: 37.132 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

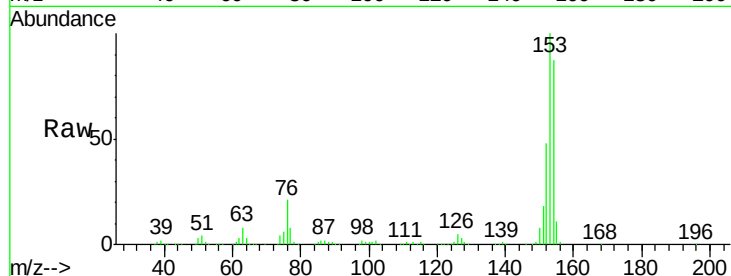
Tot Ion:154 Resp: 648172

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

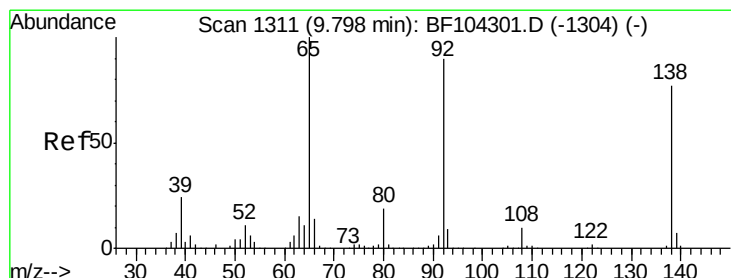
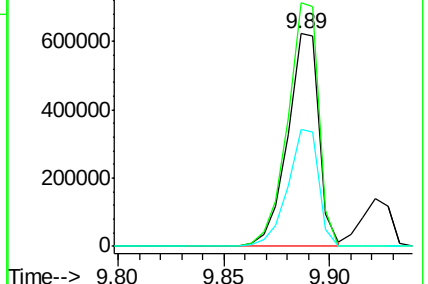
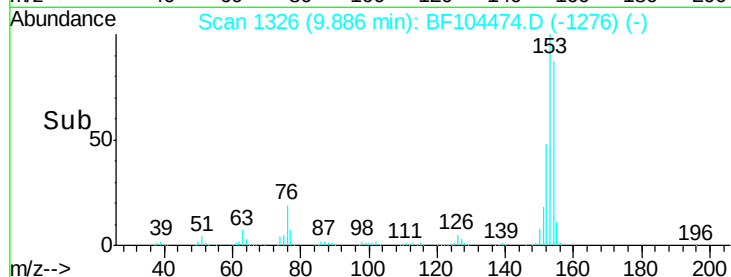
152 55.2 43.8 65.8



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: 39.669 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

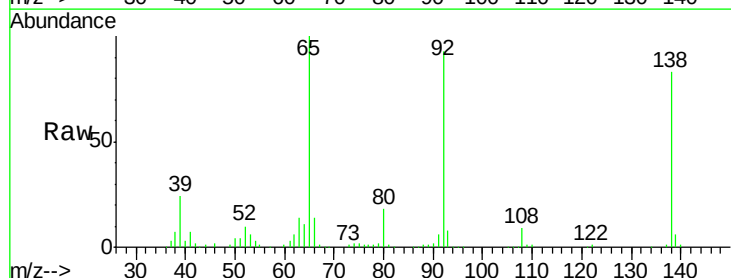
Tgt Ion:138 Resp: 186224

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

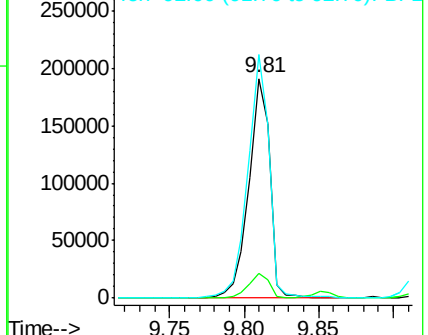
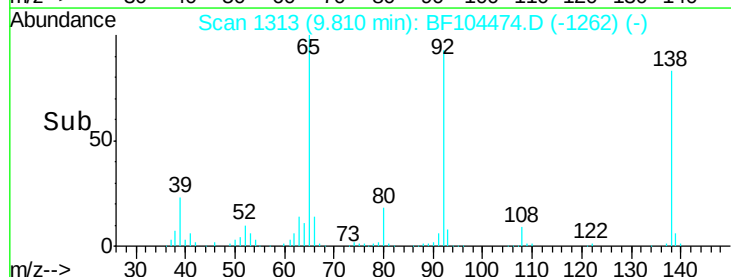
92 111.0 89.4 134.2

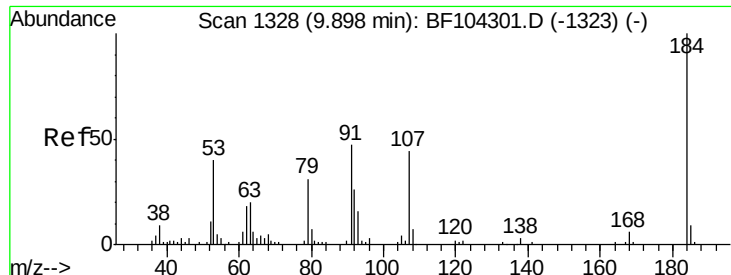


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

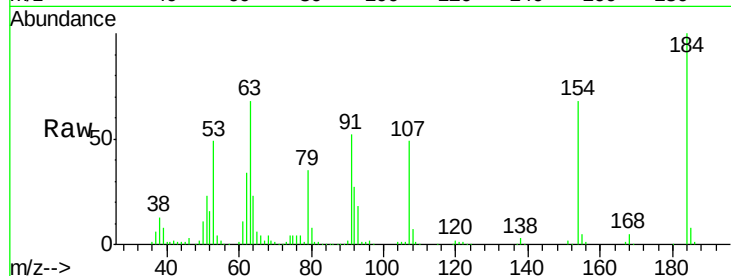




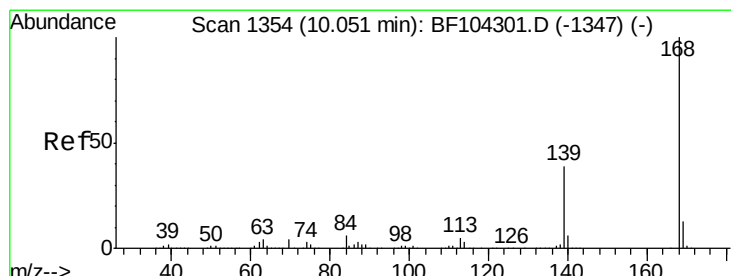
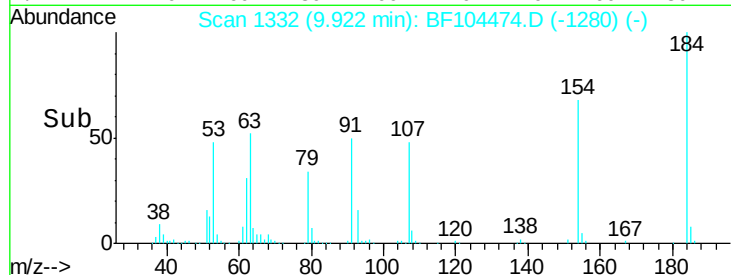
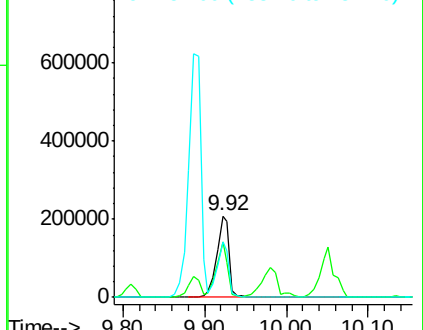
#53
 2,4-Dinitrophenol
 Concen: 112.745 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 223146
 Ion Ratio Lower Upper
 184 100
 63 68.2 54.2 81.2
 154 67.9 184.0 276.0#

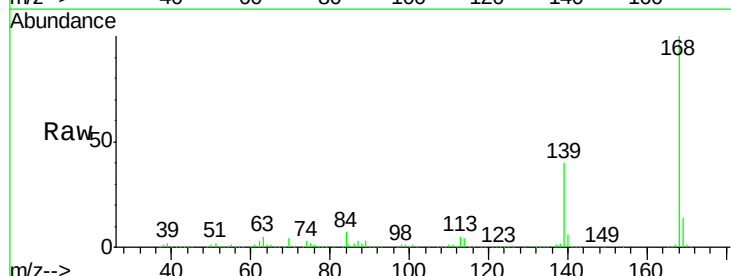


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

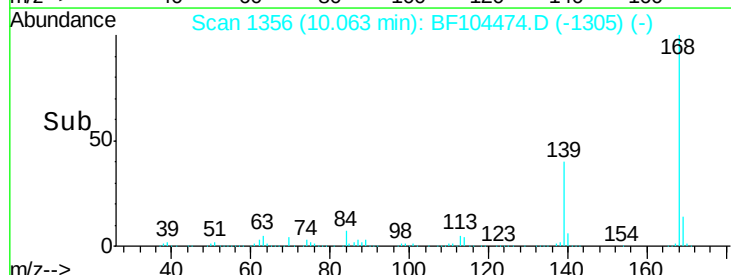
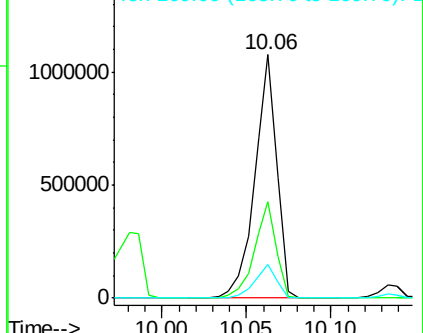


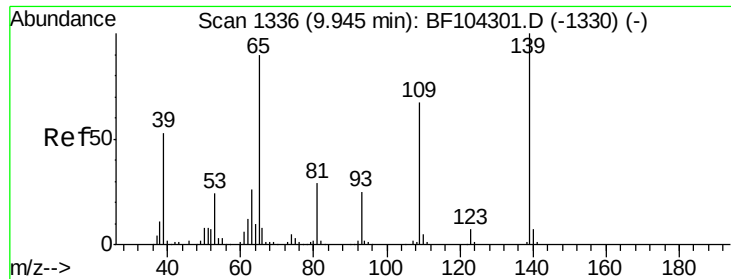
#54
 Dibenzofuran
 Concen: 40.029 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:168 Resp: 973766
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

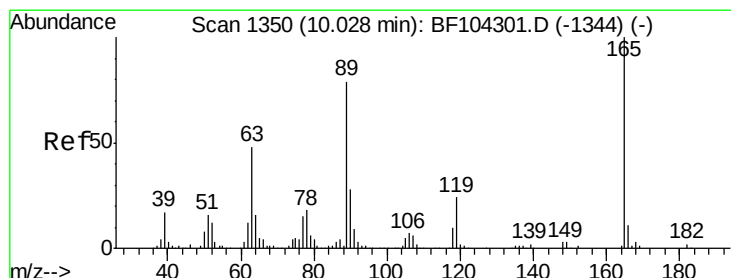
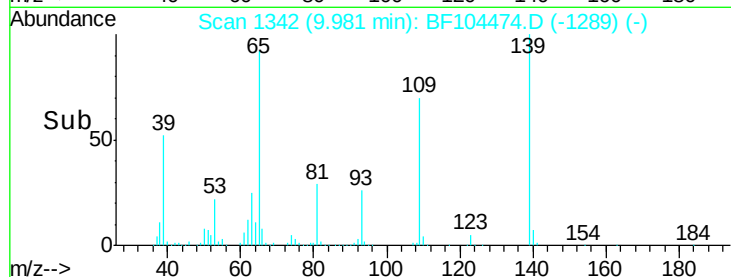
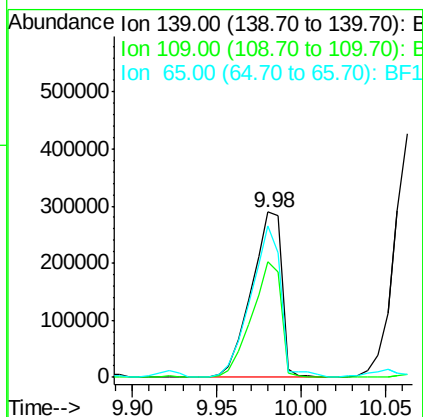
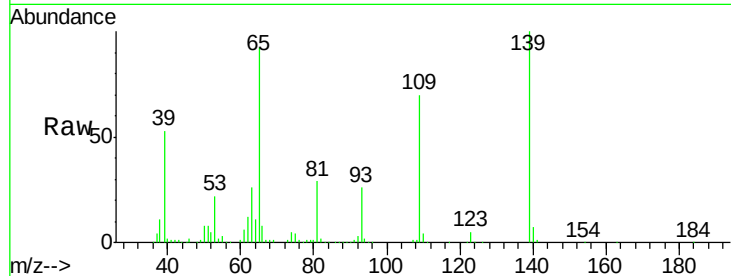




#55
4-Nitrophenol
Concen: 99.009 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

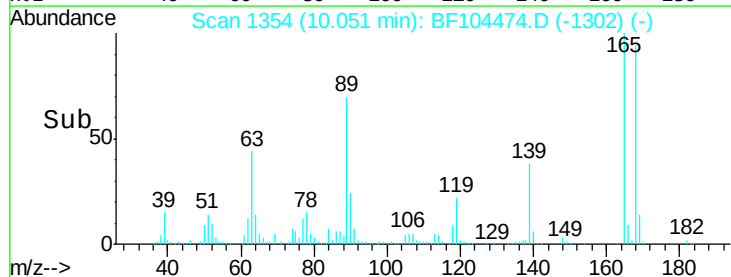
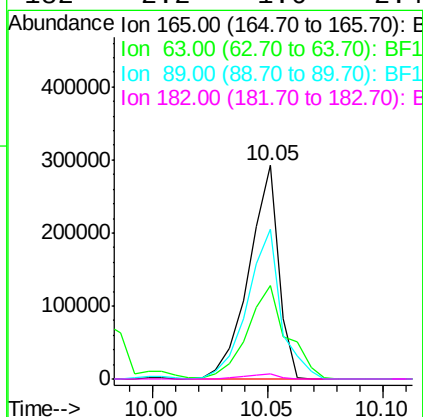
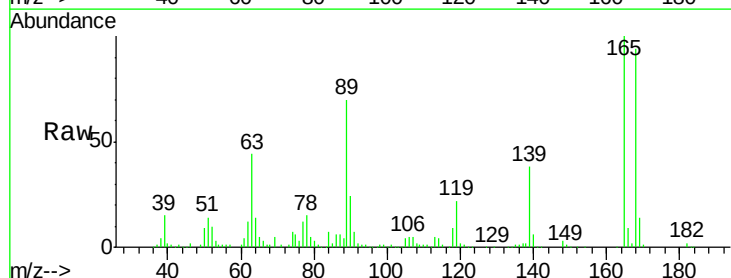
Instrument :
BNA_F
ClientSampled :

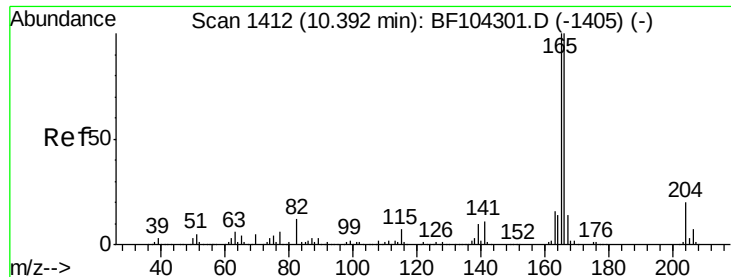
Tot Ion:139 Resp: 365111
Ion Ratio Lower Upper
139 100
109 69.7 48.4 88.4
65 91.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:165 Resp: 264400
Ion Ratio Lower Upper
165 100
63 44.0 36.4 54.6
89 69.9 57.8 86.6
182 2.2 1.6 2.4

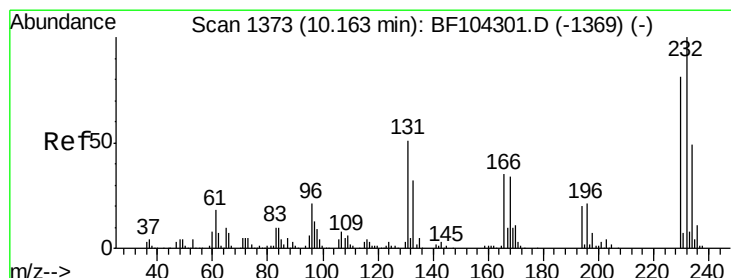
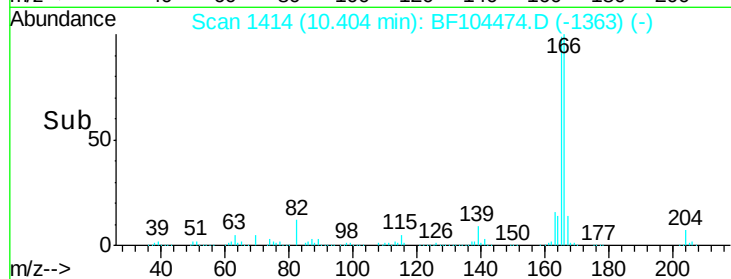
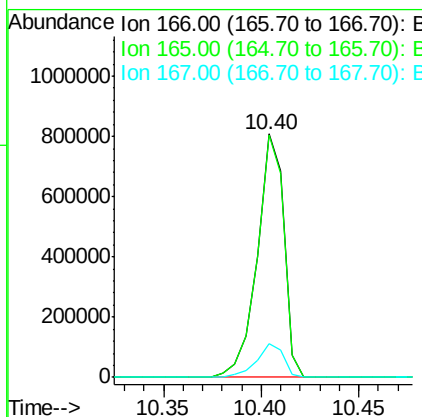
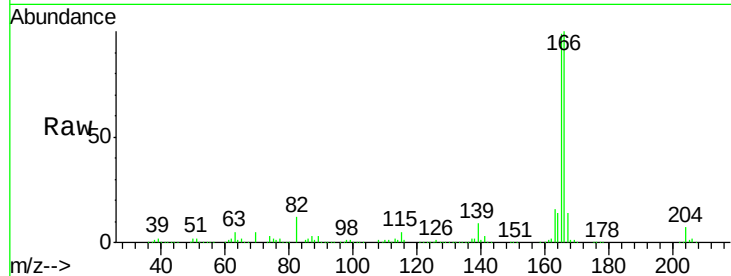




#57
 Fluorene
 Concen: 43.206 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

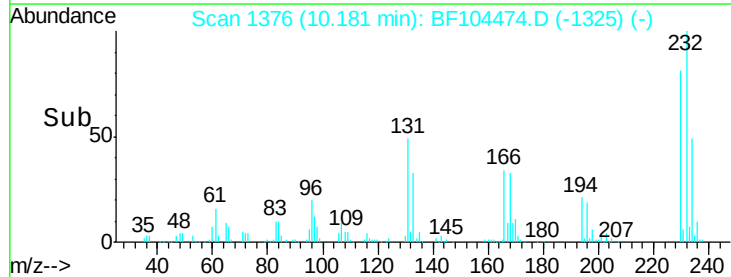
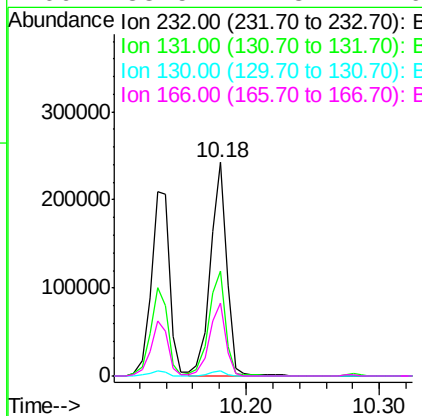
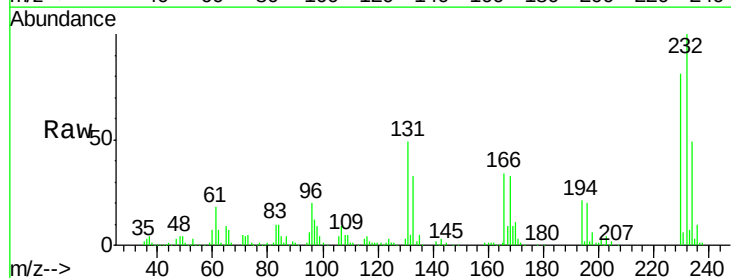
Instrument :
 BNA_F
 ClientSampleId :

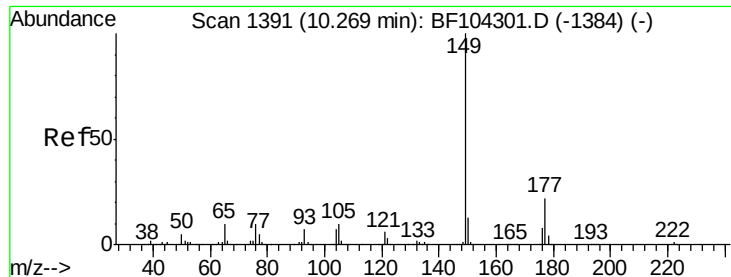
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.642 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	43.8	65.8
130	2.5	2.1	3.1
166	33.5	27.8	41.6

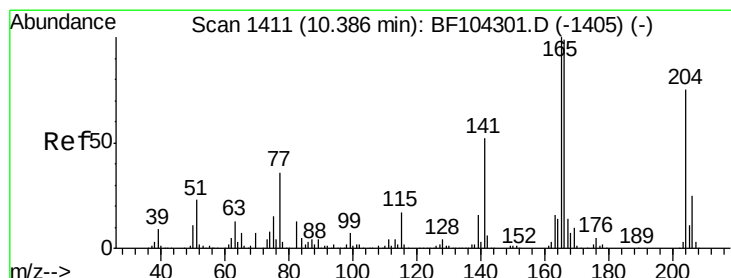
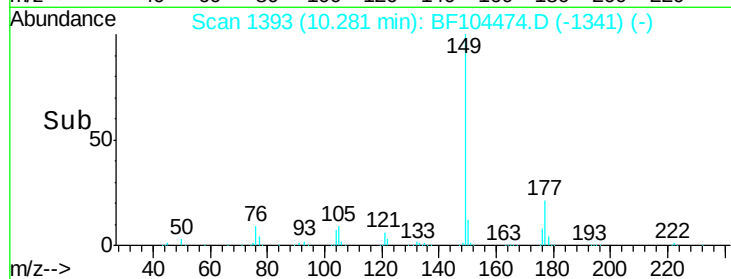
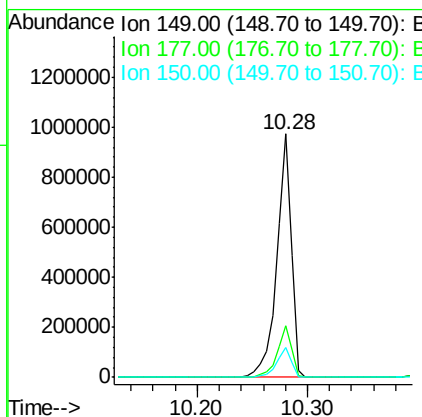
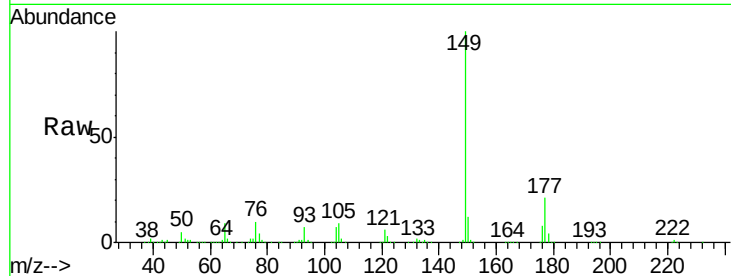




#59
Diethylphthalate
Concen: 41.540 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

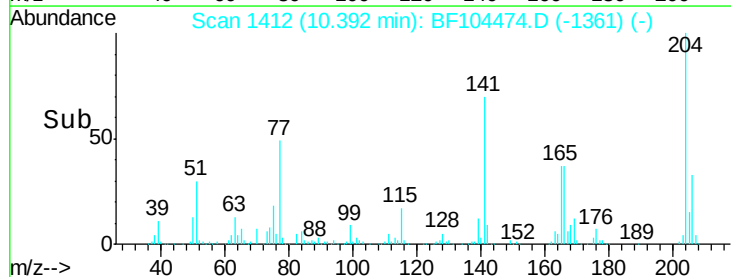
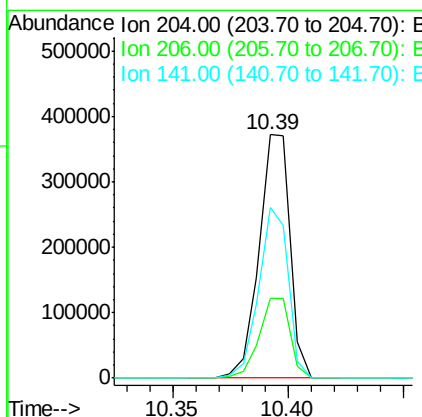
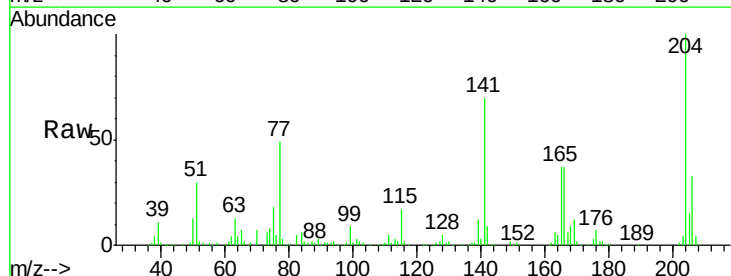
Instrument :
BNA_F
ClientSampleId :

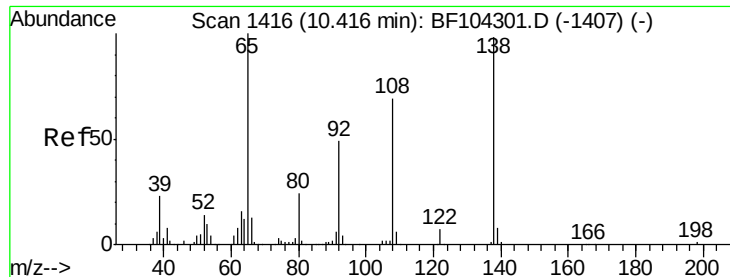
Tot Ion:149 Resp: 896548
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.270 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:204 Resp: 349099
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.9 54.6 81.8

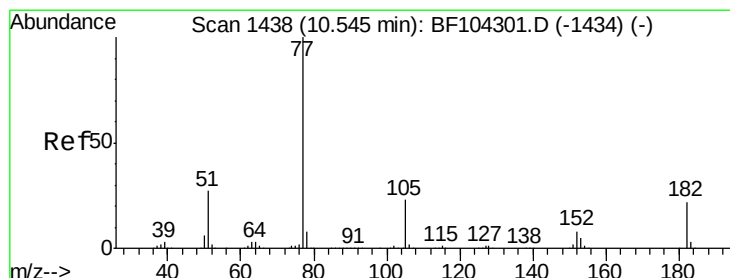
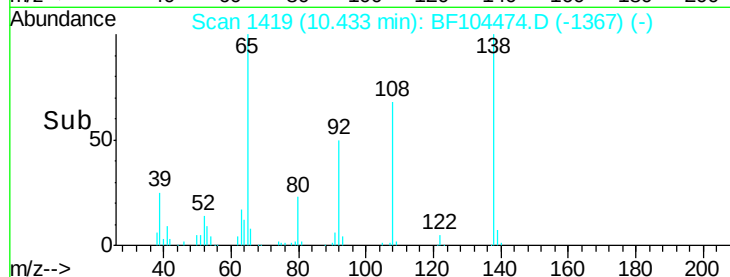
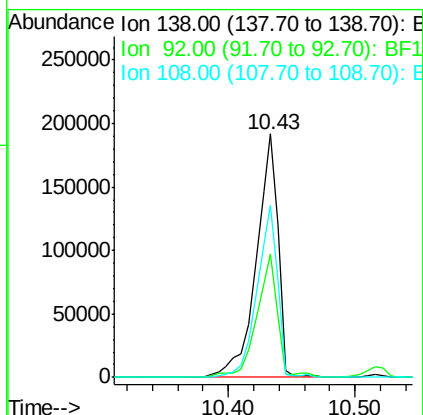
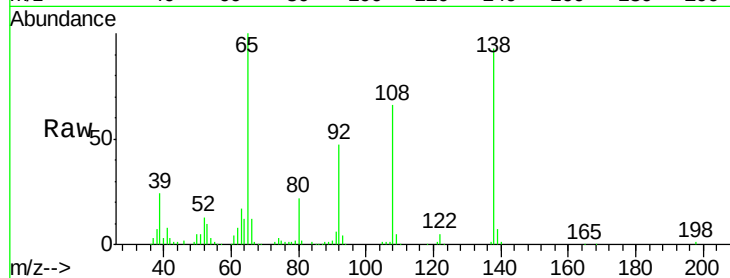




#61
4-Nitroaniline
Concen: 50.198 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

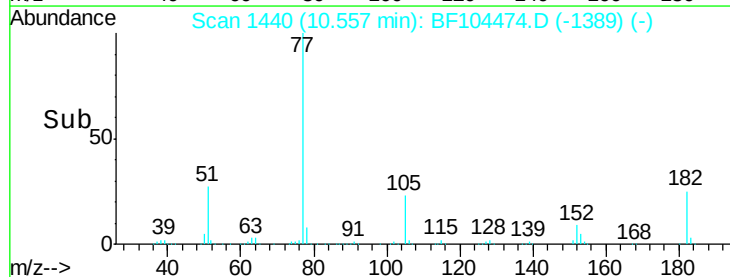
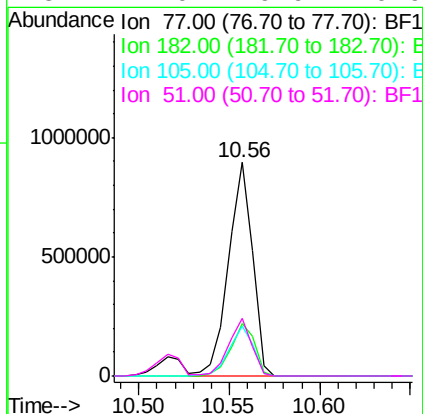
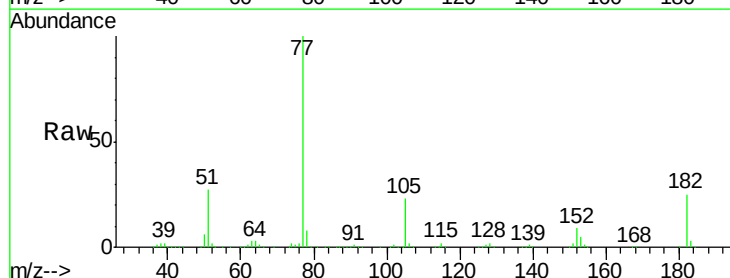
Instrument :
BNA_F
ClientSampled :

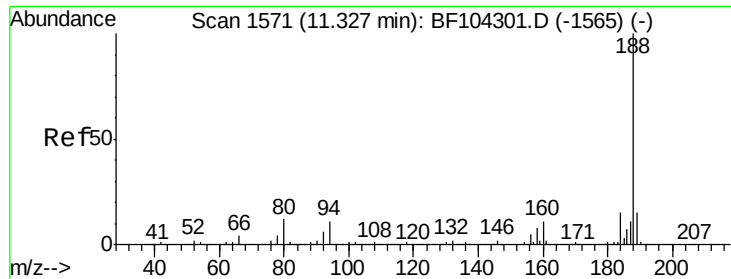
Tot Ion:138 Resp: 230416
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 70.7 52.5 92.5



#62
Azobenzene
Concen: 39.991 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion: 77 Resp: 824614
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 23.4 3.0 43.0
51 27.0 9.9 49.9

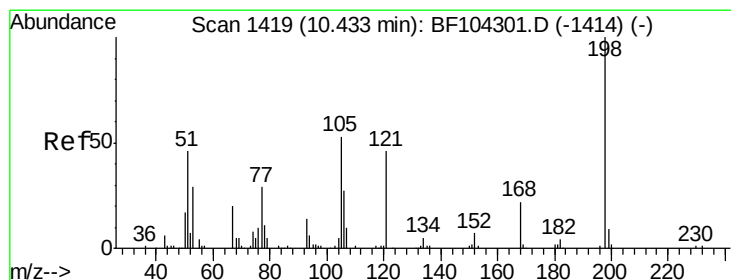
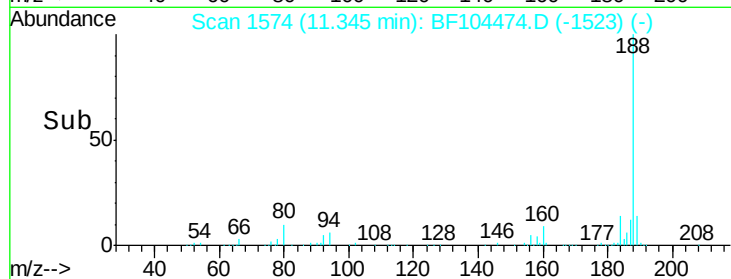
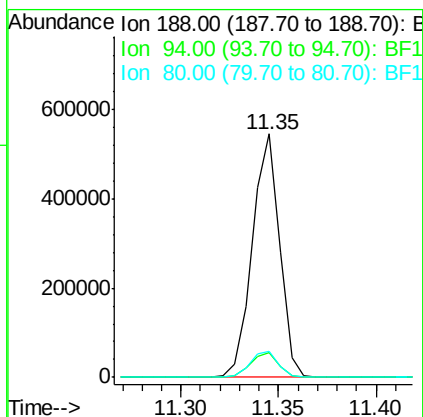
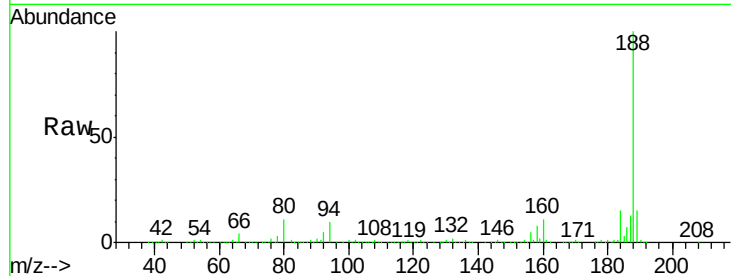




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

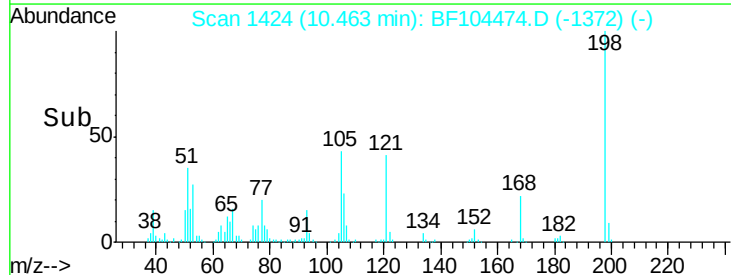
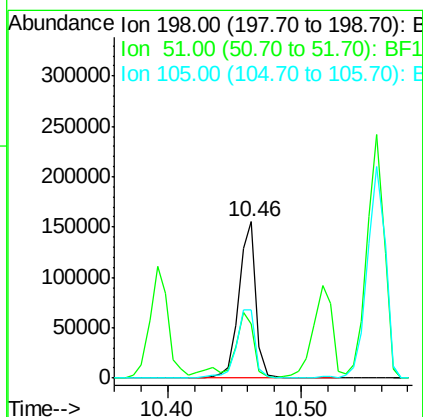
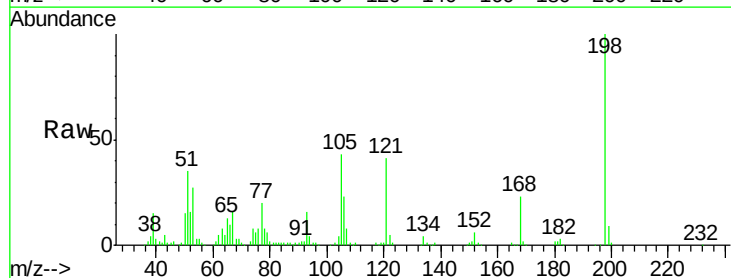
Instrument :
BNA_F
ClientSampleId :

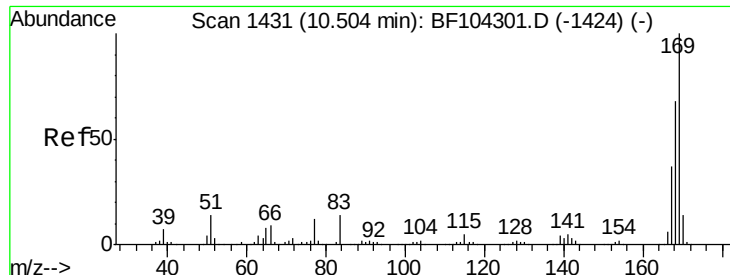
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 52.896 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.7	37.7	77.7#
105	43.4	36.3	76.3

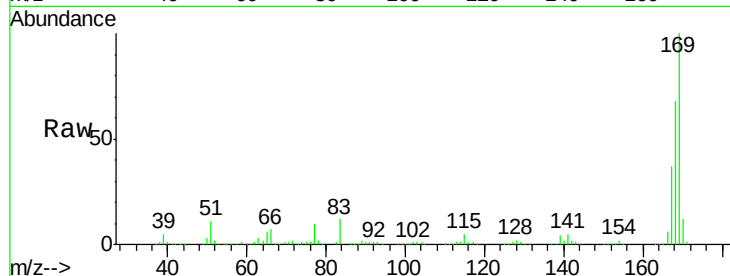




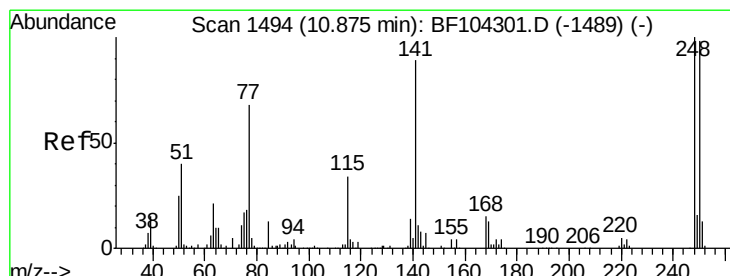
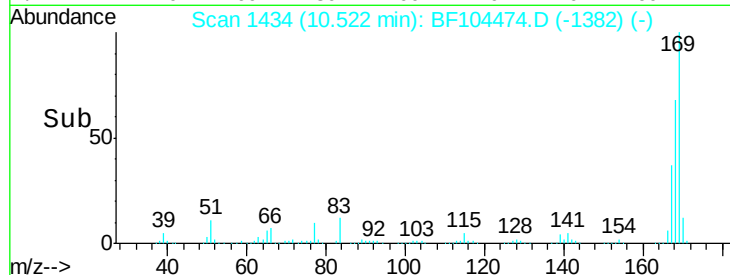
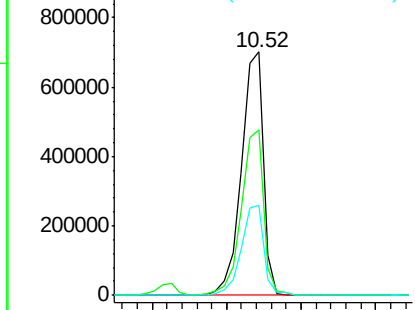
#65
 n-Nitrosodiphenylamine
 Concen: 39.257 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 715753
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.8 29.8 44.6

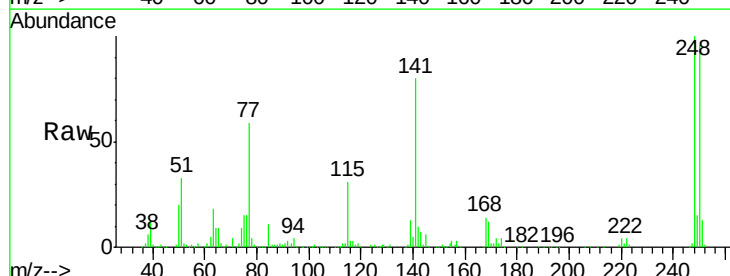


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

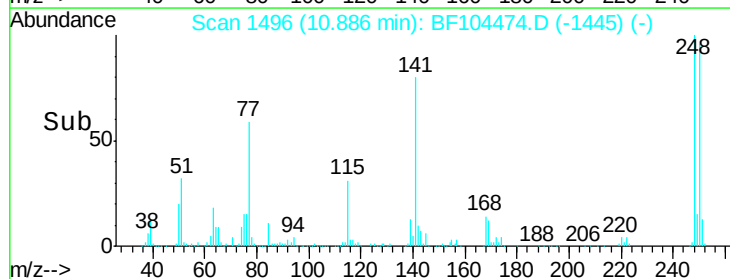
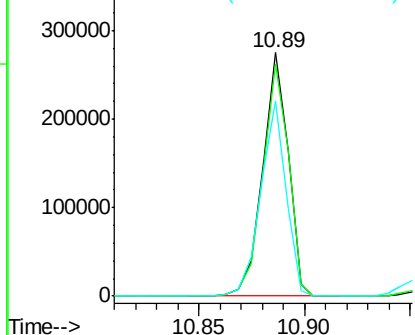


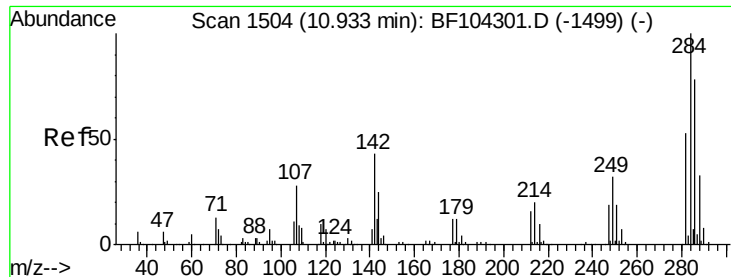
#66
 4-Bromophenyl-phenylether
 Concen: 41.516 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:248 Resp: 232213
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.9 115.3
 141 80.3 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

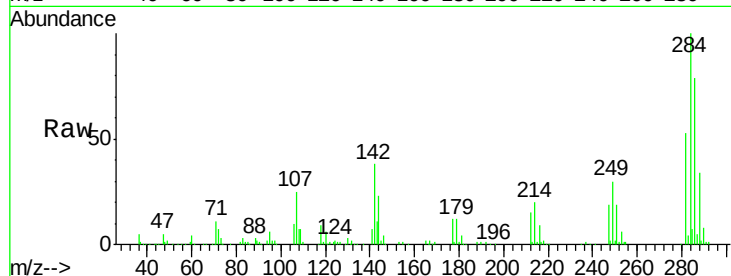




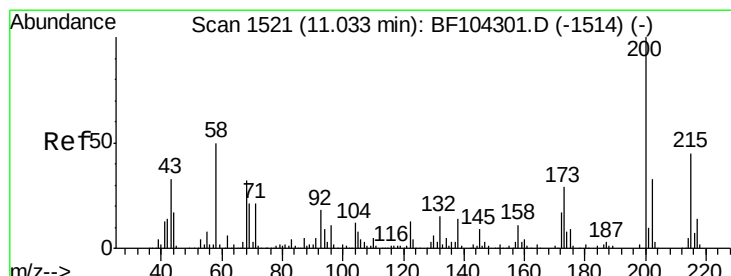
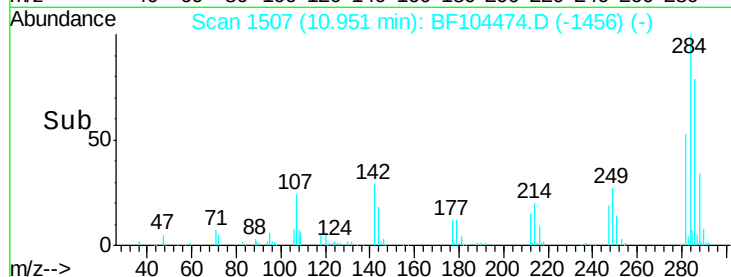
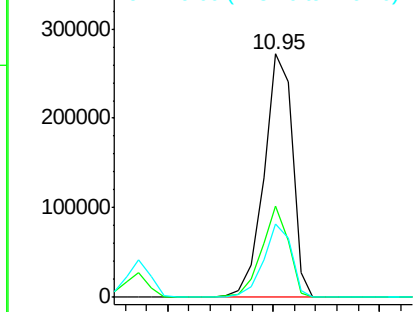
#67
Hexachlorobenzene
Concen: 40.384 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 254166
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 29.9 24.8 37.2

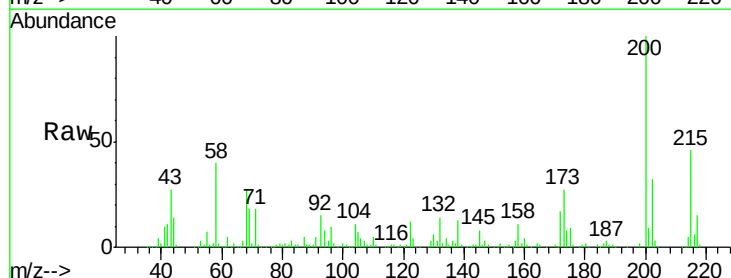


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

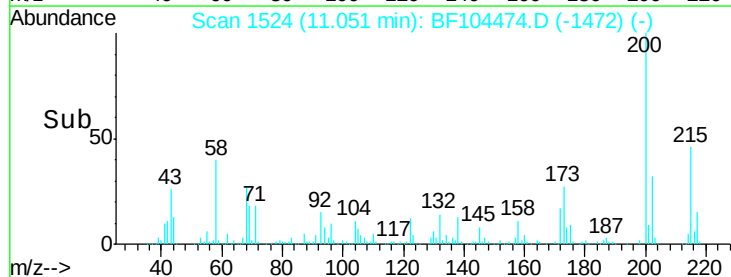
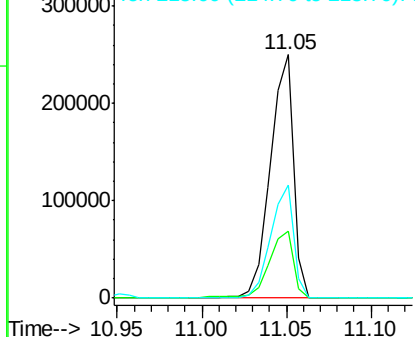


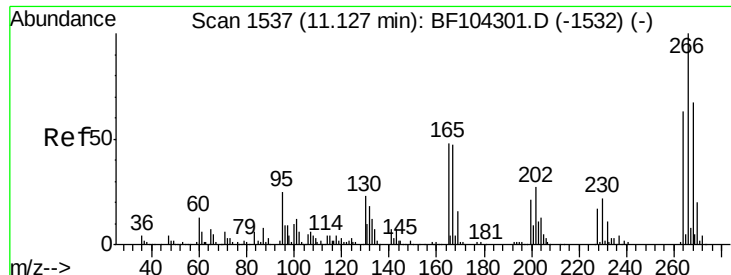
#68
Atrazine
Concen: 42.679 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:200 Resp: 234883
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 46.2 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

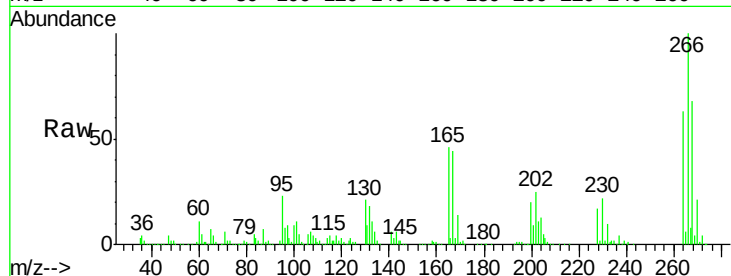




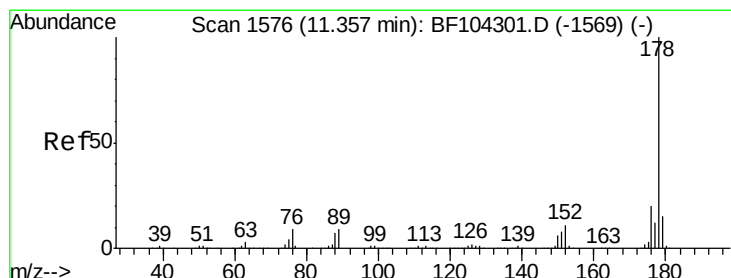
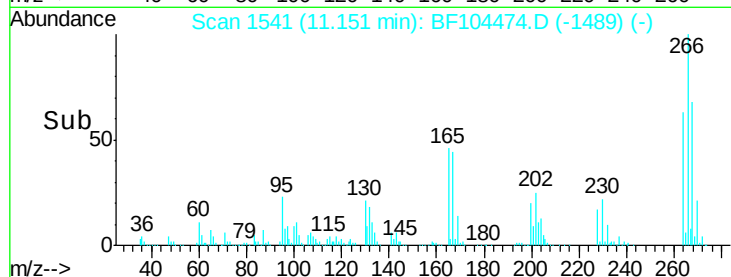
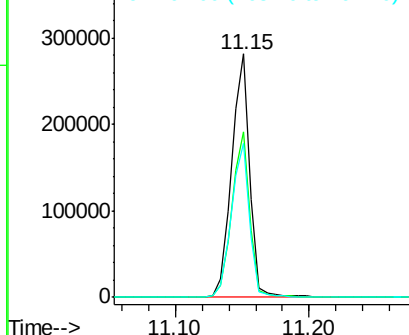
#69
 Pentachlorophenol
 Concen: 69.399 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 270213
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 63.4 49.5 74.3

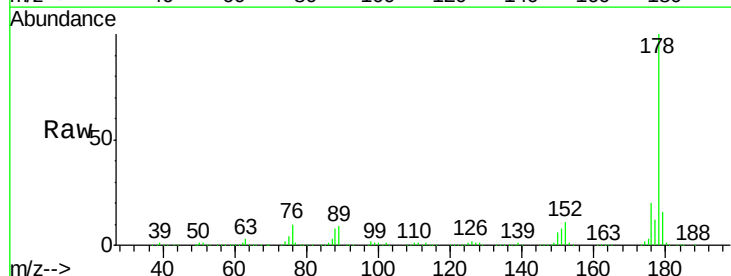


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

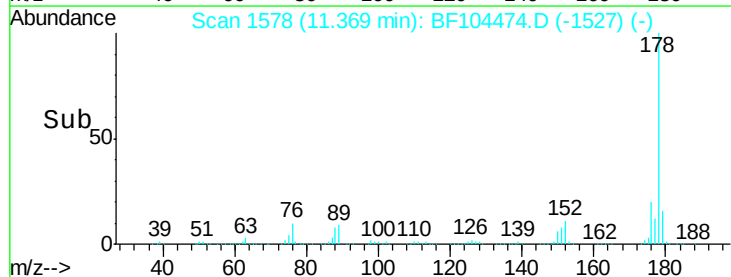
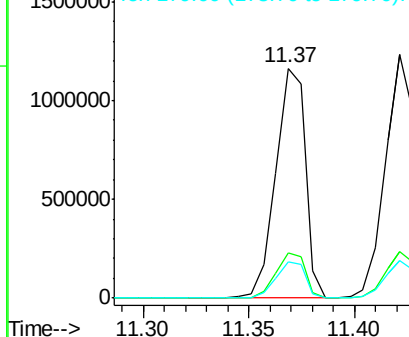


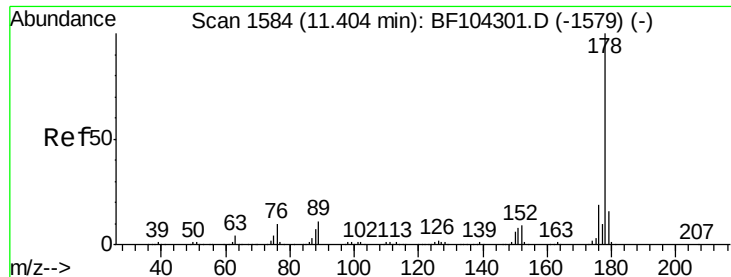
#70
 Phenanthrene
 Concen: 38.960 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:178 Resp: 1140915
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.9 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

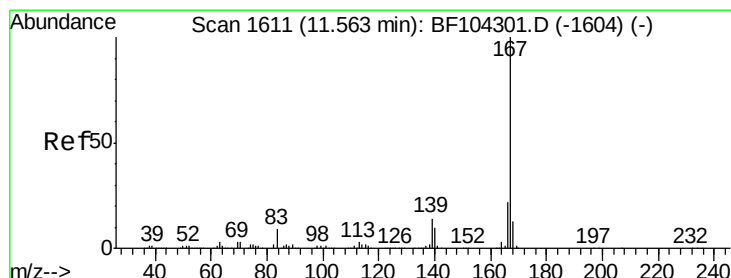
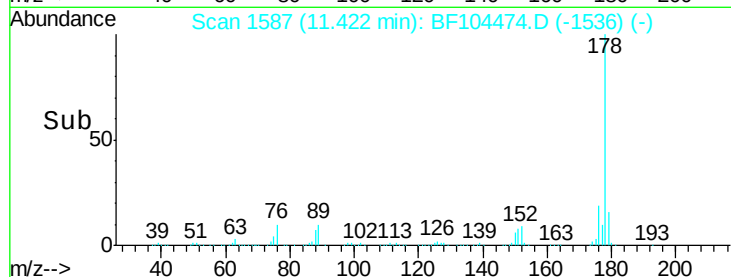
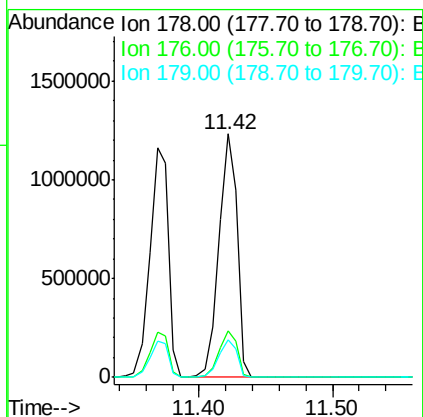
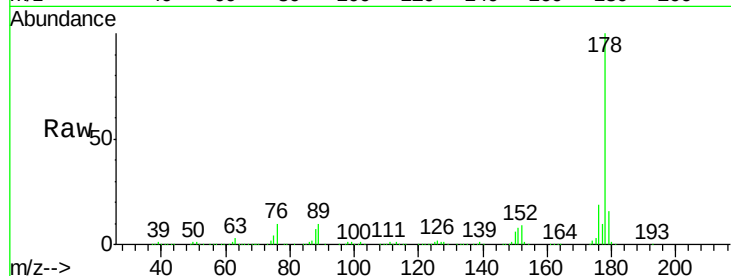




#71
 Anthracene
 Concen: 40.034 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

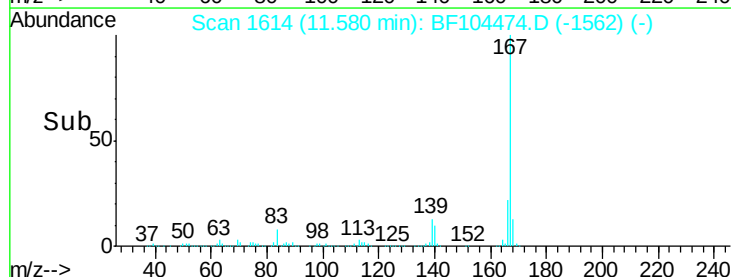
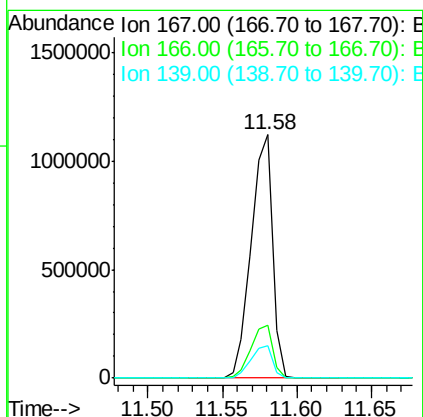
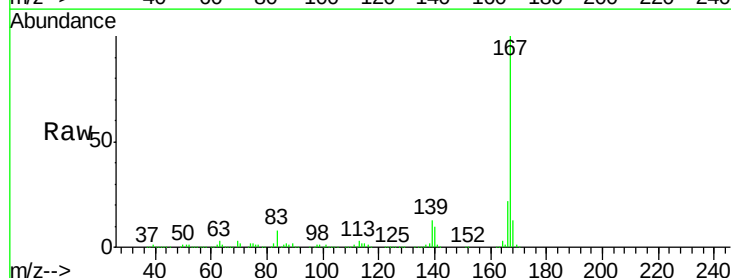
Instrument :
 BNA_F
 ClientSampleId :

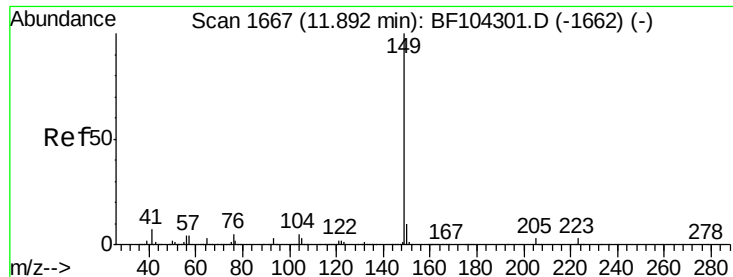
Tot Ion:178 Resp: 1191715
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.153 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:167 Resp: 1109818
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.623 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

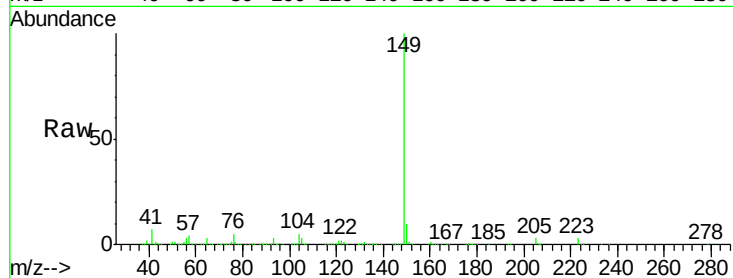
Tot Ion:149 Resp: 1372382

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

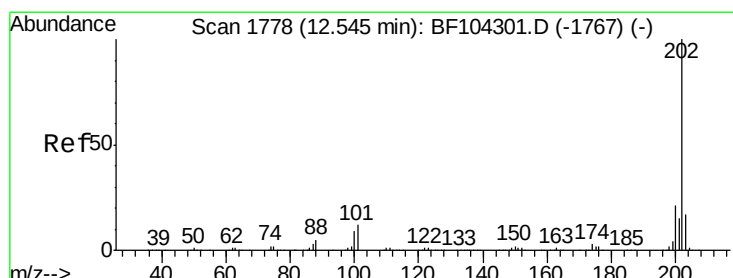
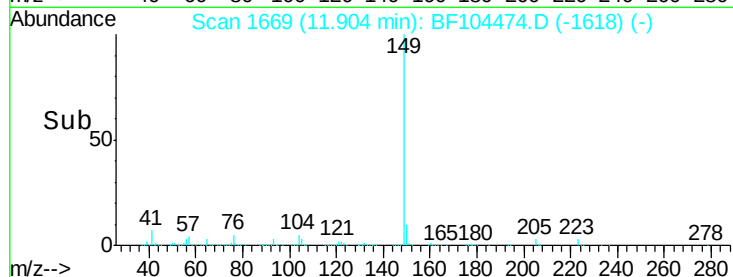
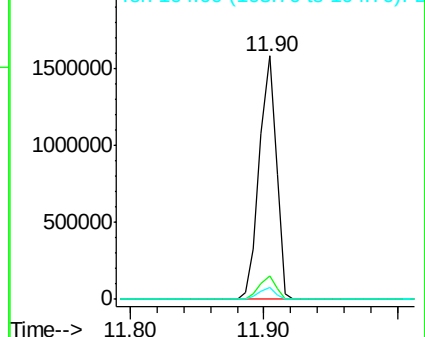
104 5.1 3.8 5.8



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: 39.334 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

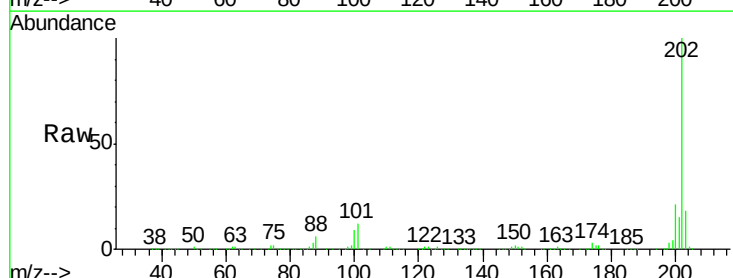
Tgt Ion:202 Resp: 1203479

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

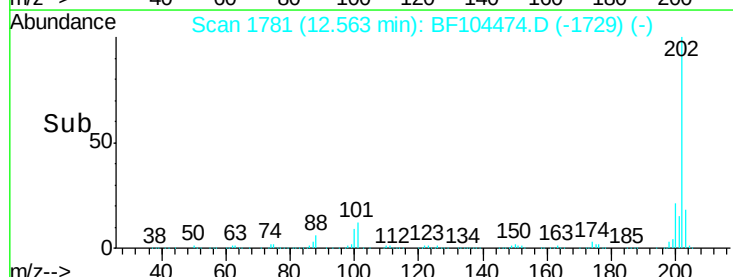
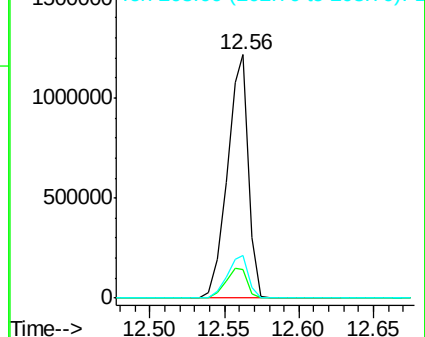
203 17.6 0.0 38.1

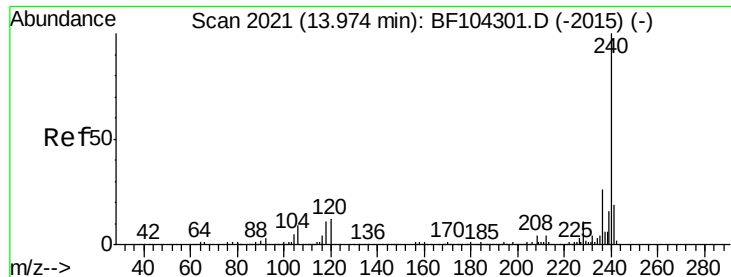


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

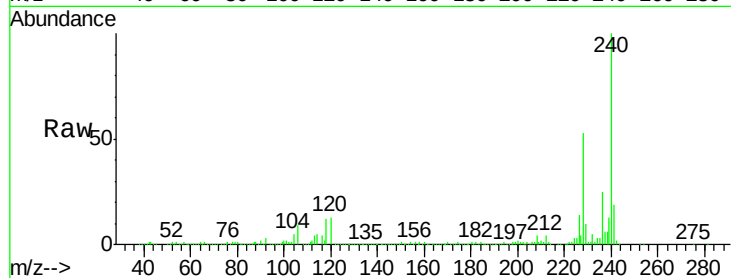
Tot Ion:240 Resp: 389272

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

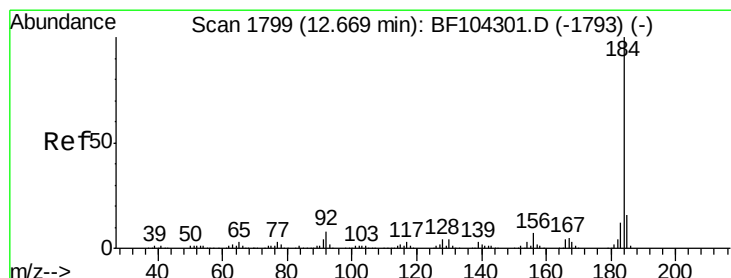
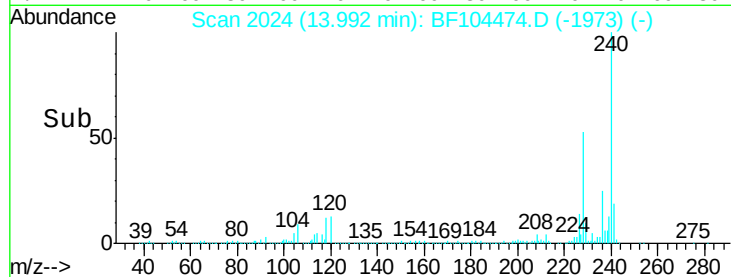
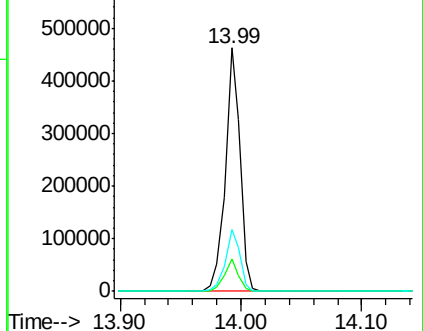
236 25.4 20.7 31.1



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: 36.923 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

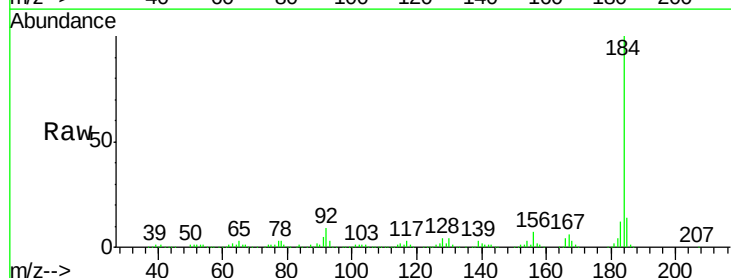
Tgt Ion:184 Resp: 498116

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

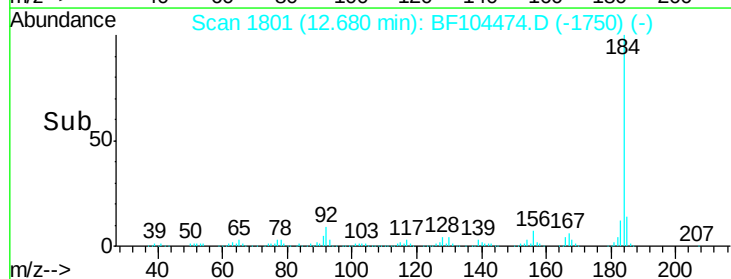
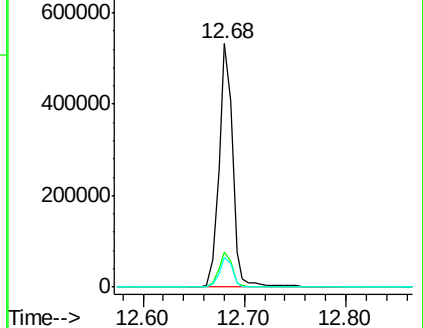
183 12.2 9.3 13.9

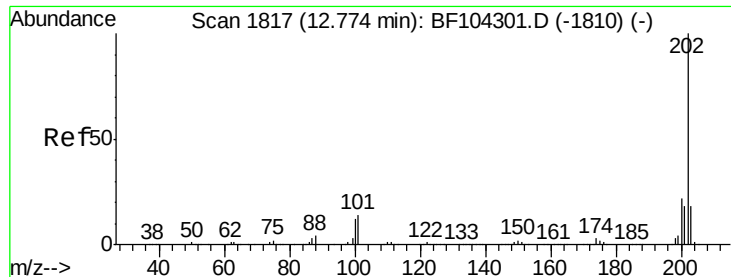


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

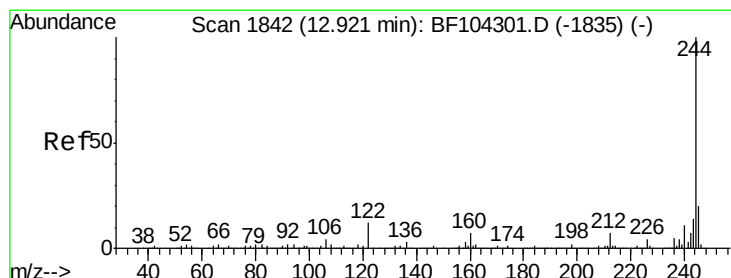
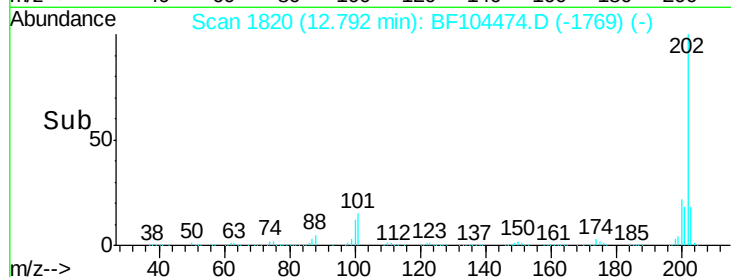
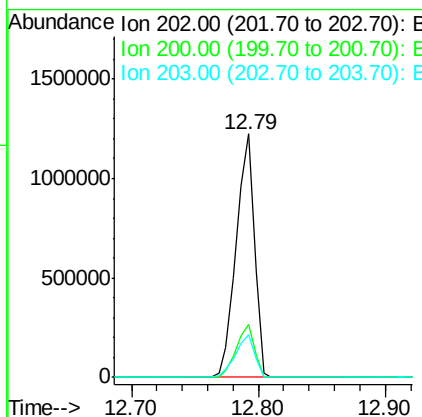
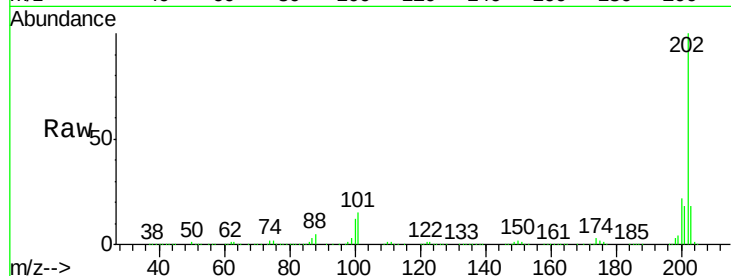




#77
 Pvrene
 Concen: 41.883 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

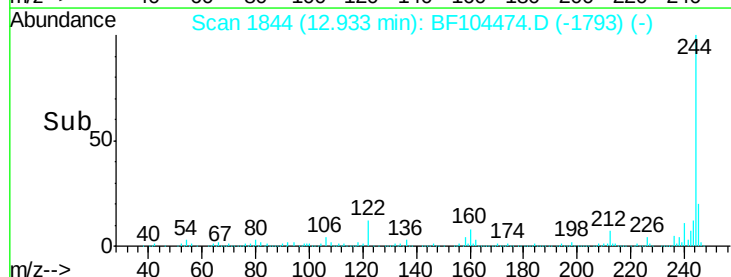
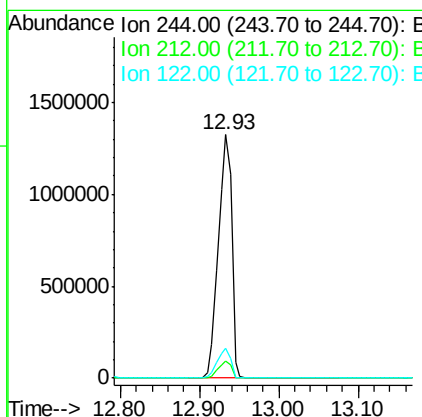
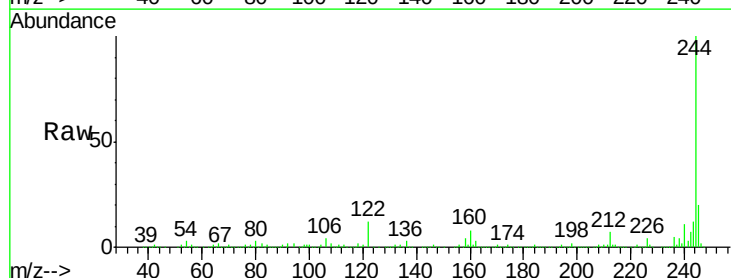
Instrument :
 BNA_F
 ClientSampleId :

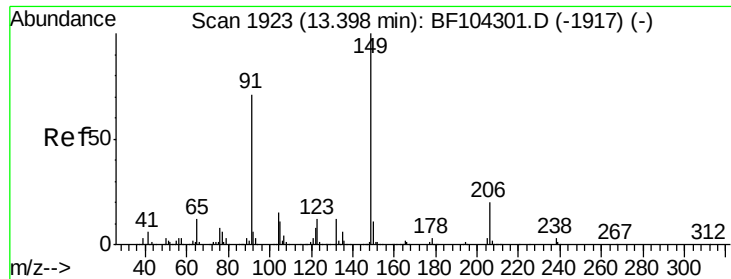
Tot Ion:202 Resp: 1208497
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 90.553 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:244 Resp: 1546165
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.3 11.0 16.4

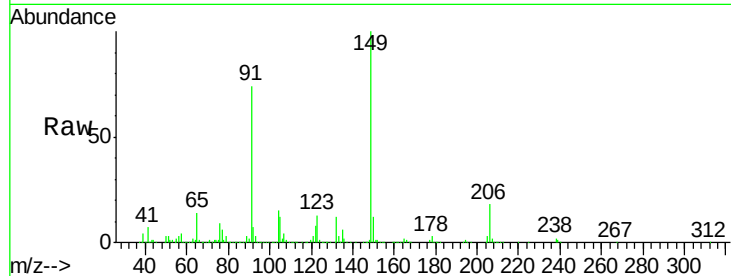




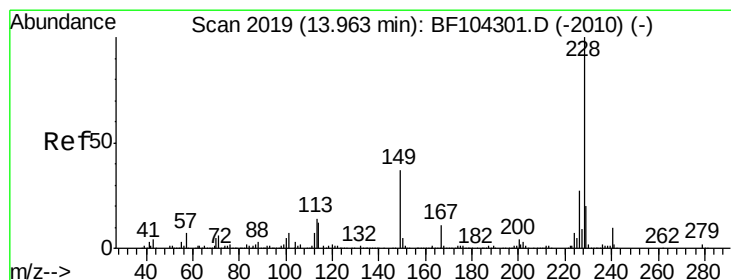
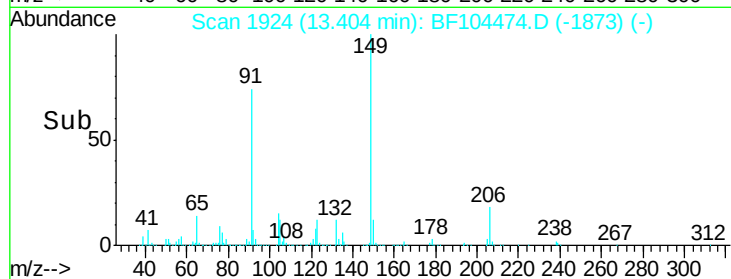
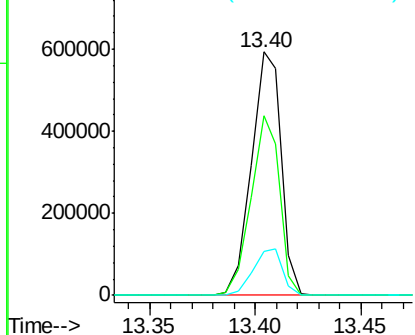
#79
Butylbenzylphthalate
Concen: 42.736 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.8	85.2
206	18.2	14.1	21.1

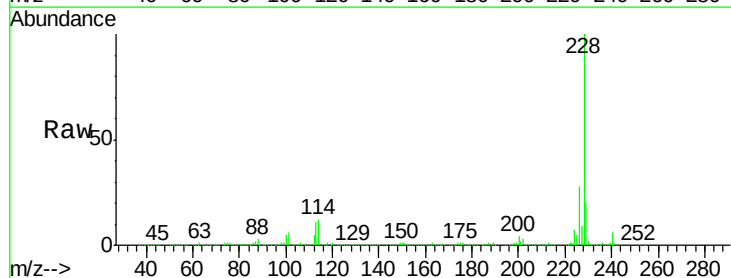


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

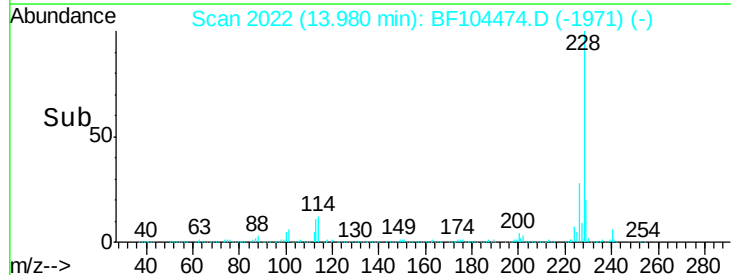
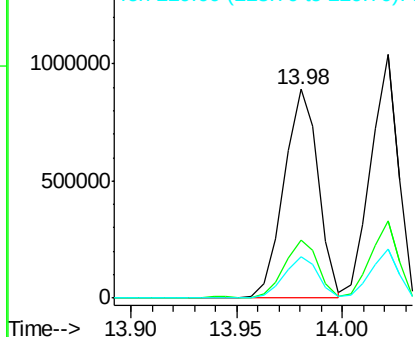


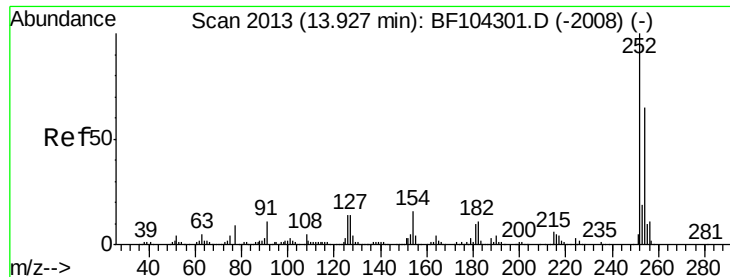
#80
Benzo(a)anthracene
Concen: 43.303 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.8	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

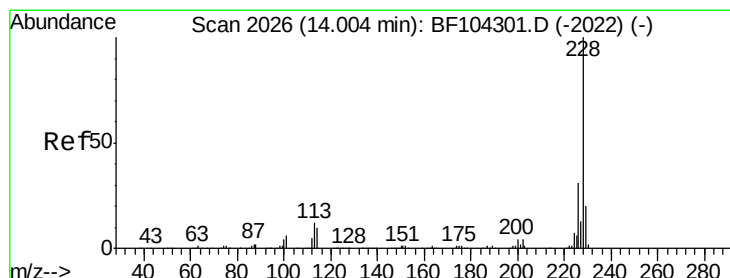
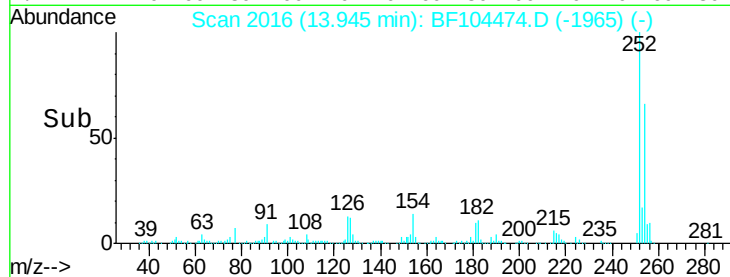
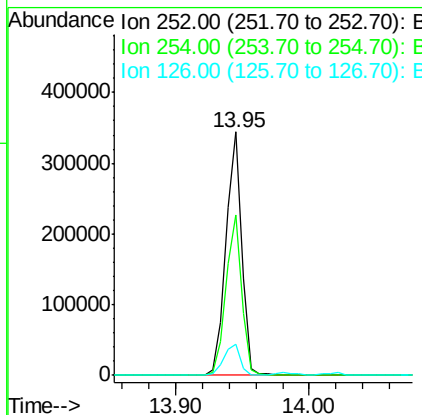
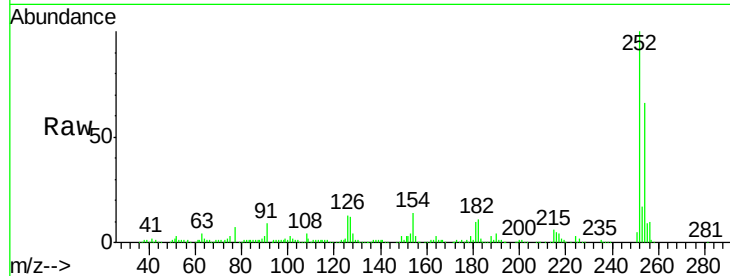




#81
 3,3'-Dichlorobenzidine
 Concen: 33.496 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

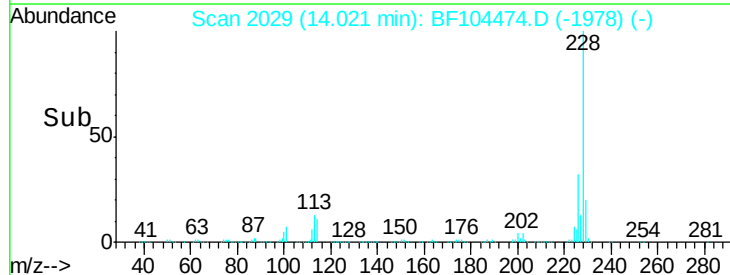
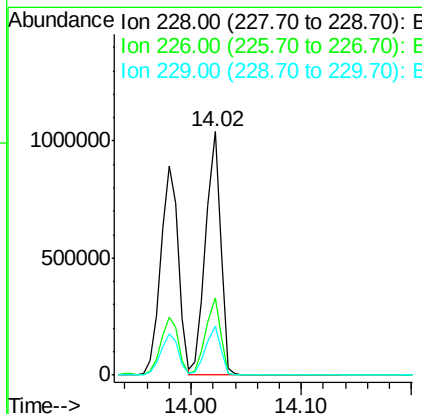
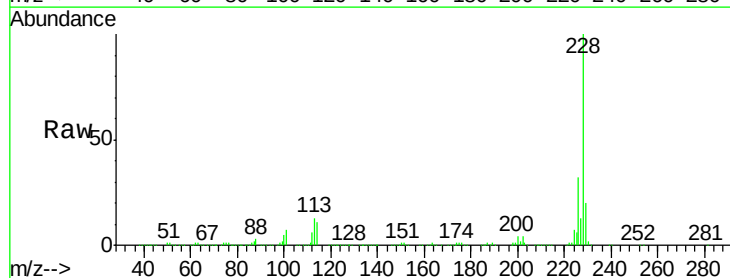
Instrument :
 BNA_F
 ClientSampleId :

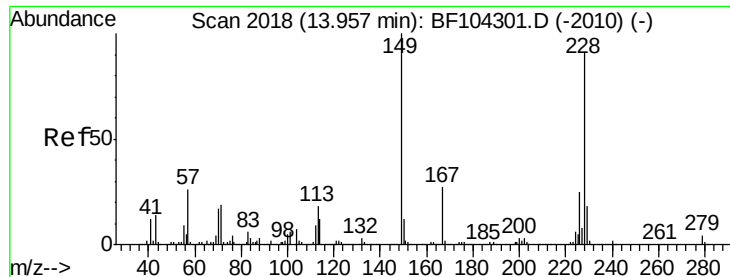
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	12.6	11.3	16.9



#82
 Chrysene
 Concen: 39.743 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.125 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

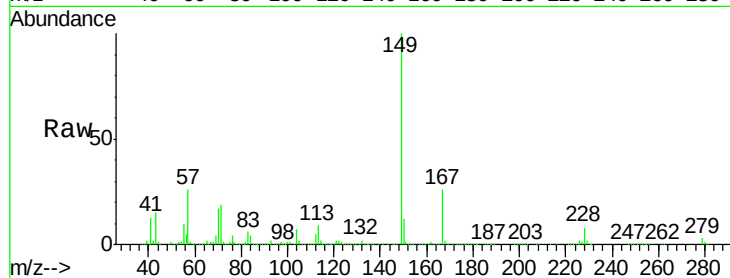
Tot Ion:149 Resp: 771516

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

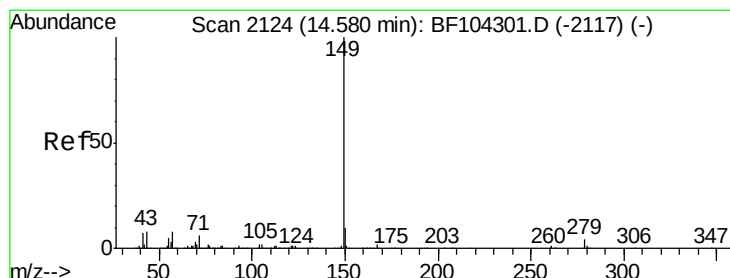
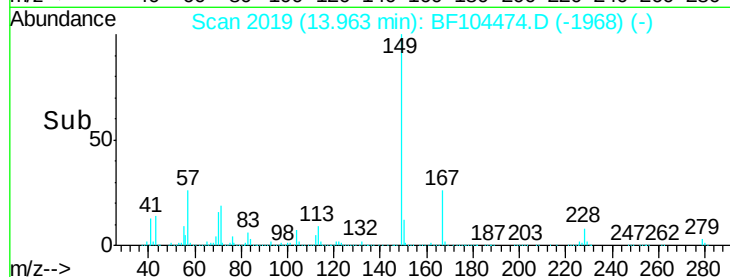
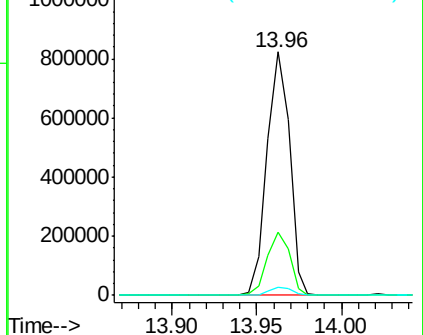
279 3.4 3.0 4.4



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: 39.597 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

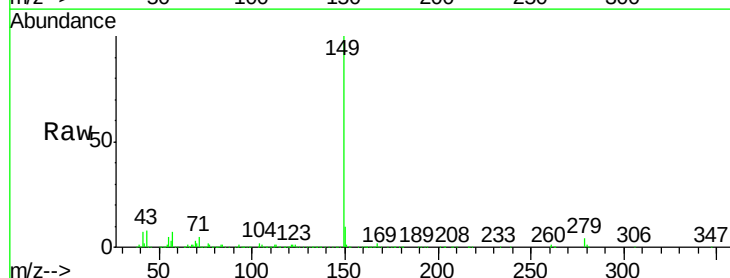
Tgt Ion:149 Resp: 1156845

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

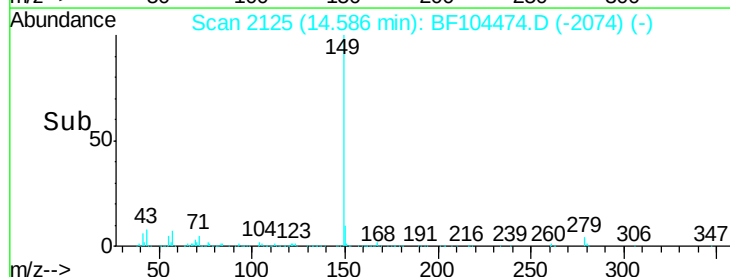
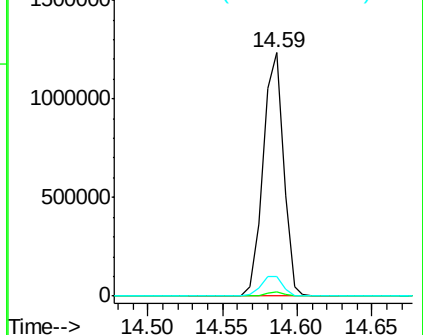
43 8.5 8.4 12.6

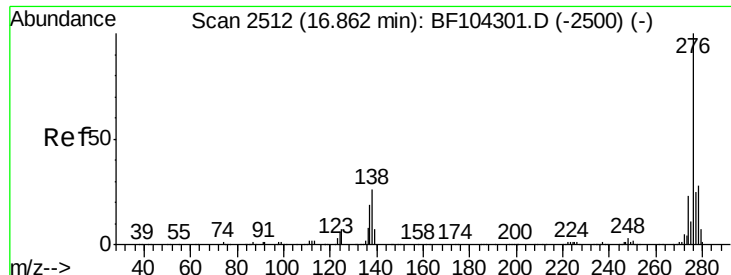


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

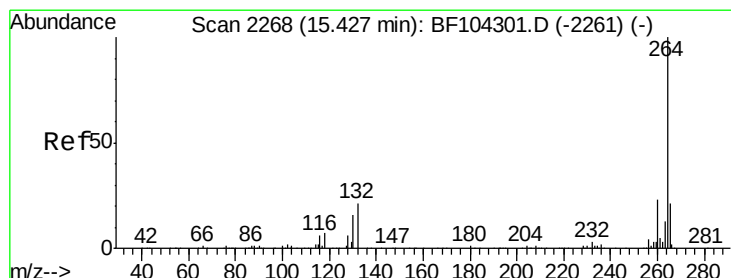
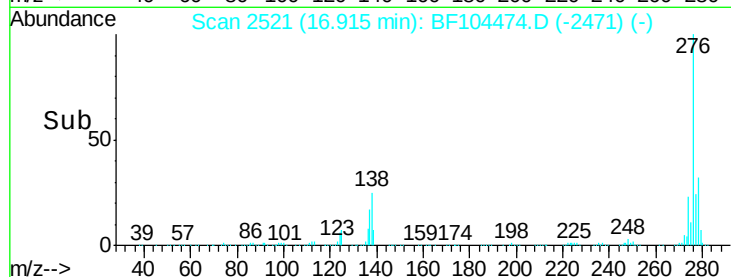
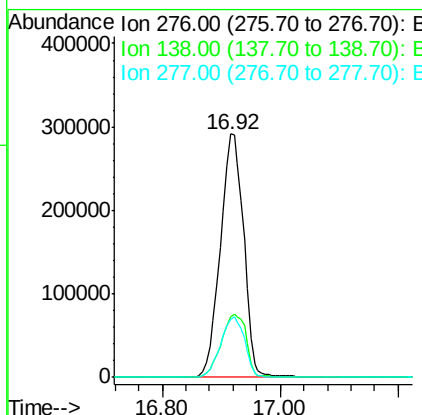
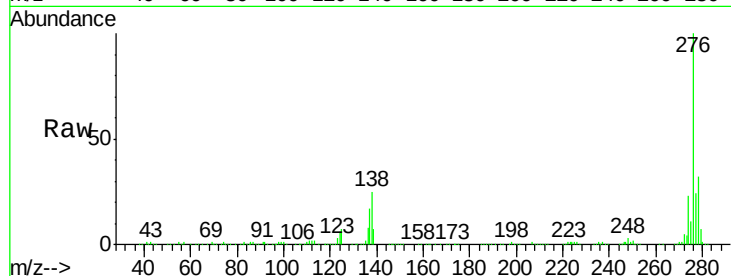




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.607 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

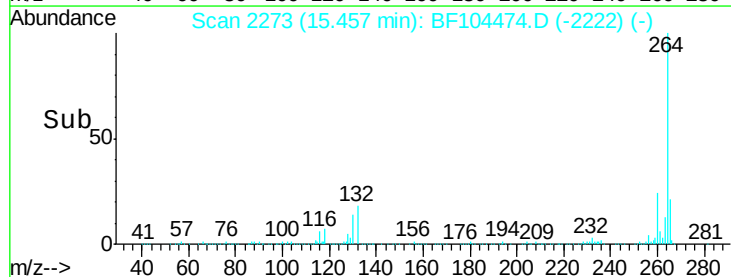
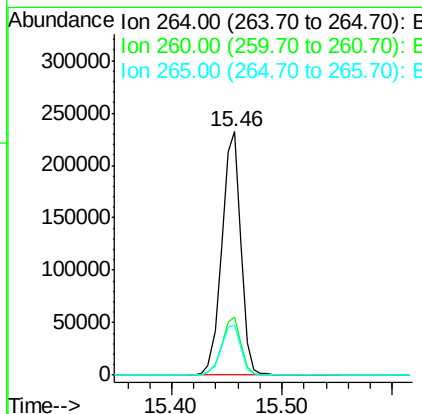
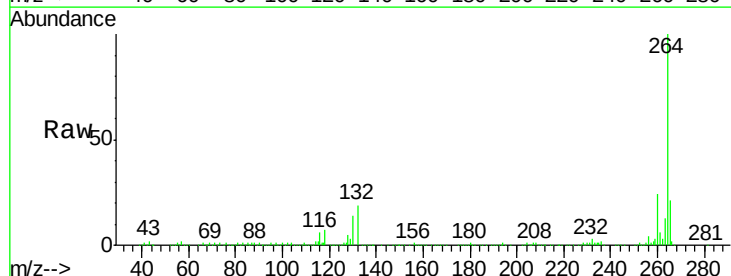
Instrument :
 BNA_F
 ClientSampleId :

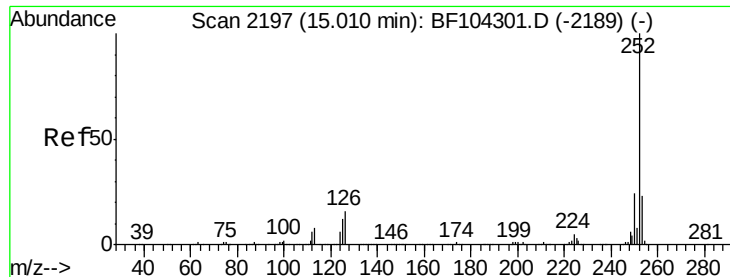
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.862 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

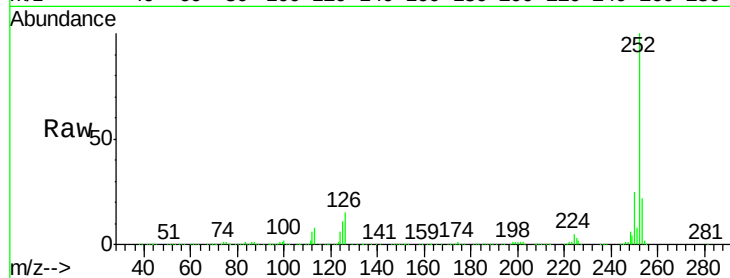
Tot Ion:252 Resp: 805790

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

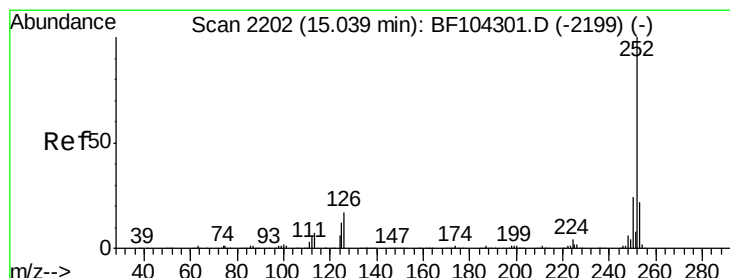
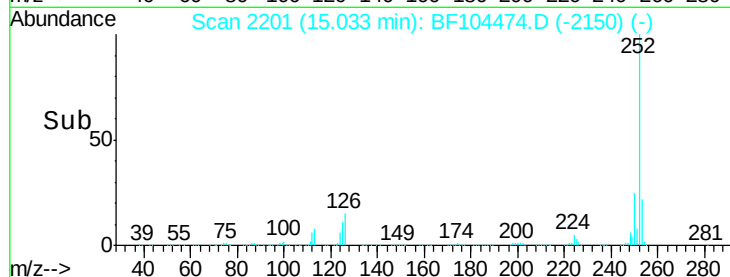
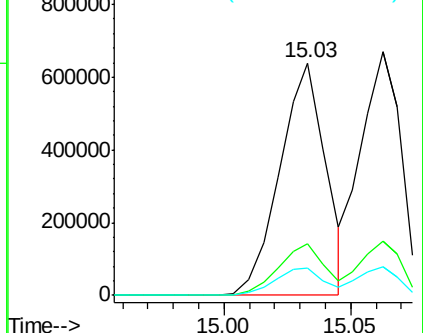
125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.247 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

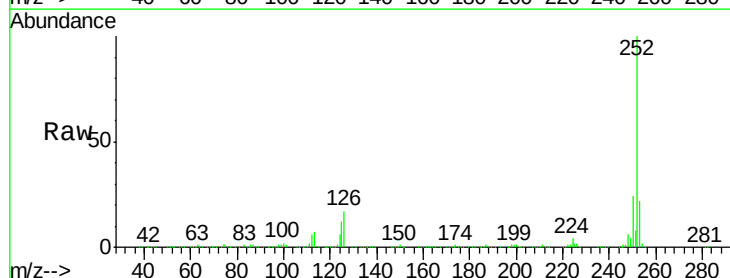
Tgt Ion:252 Resp: 750547

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

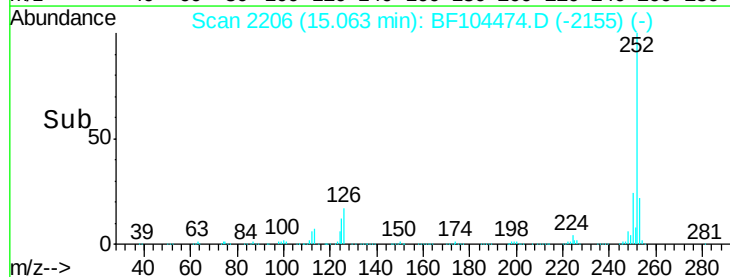
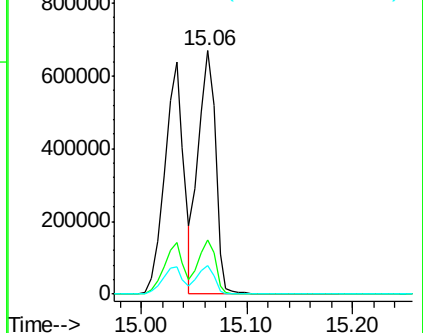
125 11.8 10.2 15.2

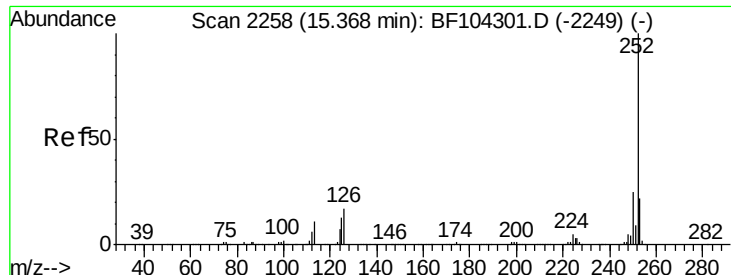


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.341 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

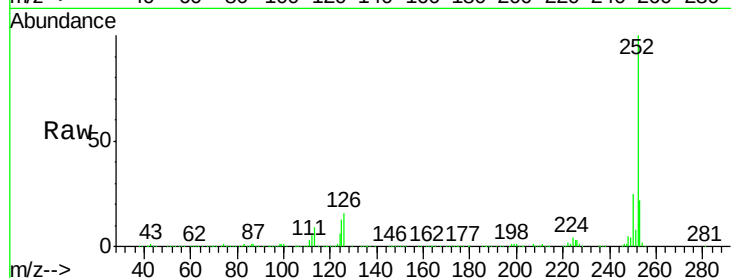
Tot Ion:252 Resp: 712789

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

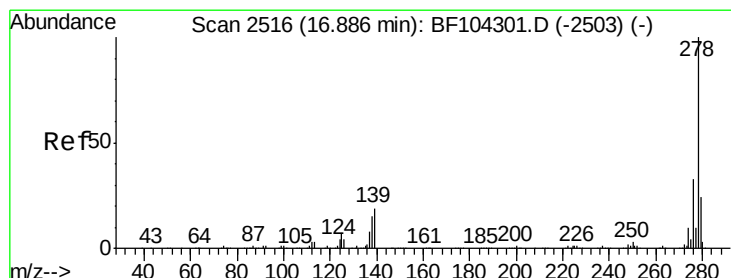
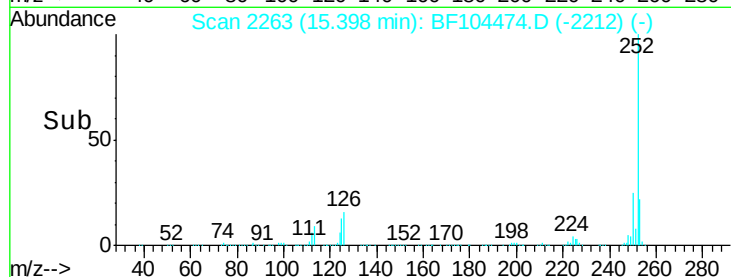
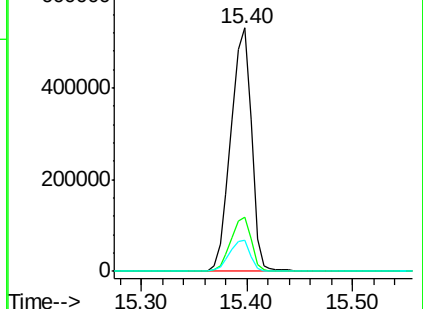
125 12.7 9.8 14.6



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: 51.829 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

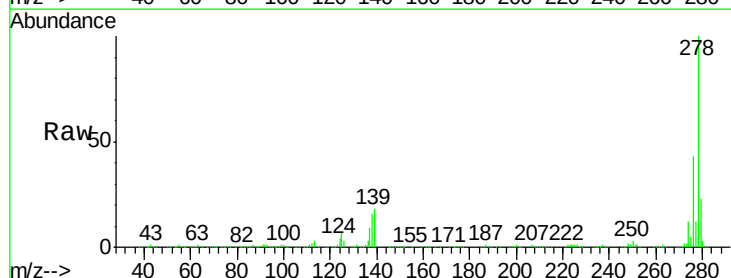
Tgt Ion:278 Resp: 669187

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

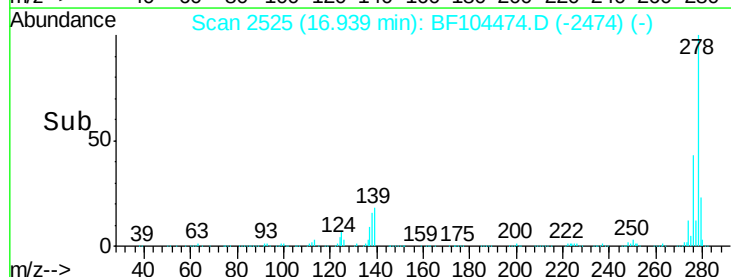
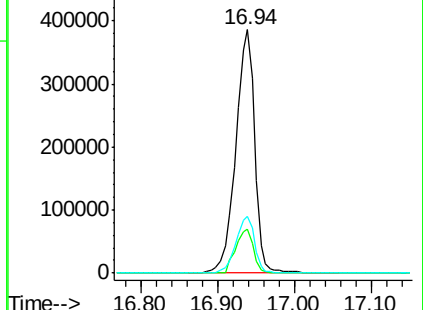
279 23.5 19.0 28.4

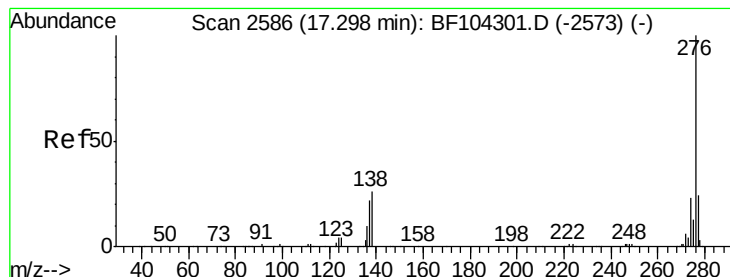


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

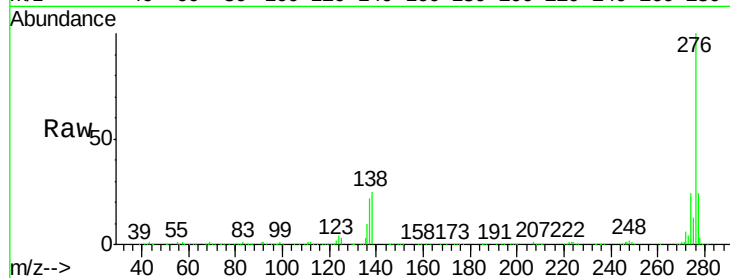




#91
 Benzo(a,h,i)perylene
 Concen: 55.692 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	24.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

