

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104535.D
 Acq On : 16 Apr 2018 16:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 16:47:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157448	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	652898	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	309799	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	579496	20.00	ng	0.00
75) Chrysene-d12	13.99	240	427010	20.00	ng	0.00
86) Perylene-d12	15.46	264	336445	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	759014	73.71	ng	0.00
7) Phenol-d6	6.45	99	937404	74.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	845099	84.52	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	256767	79.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1402792	71.53	ng	0.00
78) Terphenyl-d14	12.93	244	1396594	74.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	184044	38.358	ng	89
3) Pyridine	3.26	79	462347	34.274	ng	88
4) n-Nitrosodimethylamine	3.22	42	152661	32.374	ng	80
6) Aniline	6.47	93	621197	35.341	ng	100
8) 2-Chlorophenol	6.60	128	419217	38.573	ng	96
9) Benzaldehyde	6.36	77	241385	36.704	ng	96
10) Phenol	6.46	94	519222	38.679	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	411805	38.442	ng	95
12) 1,3-Dichlorobenzene	6.75	146	463404	37.637	ng	99
13) 1,4-Dichlorobenzene	6.83	146	471581	38.423	ng	99
14) 1,2-Dichlorobenzene	6.98	146	428125	37.641	ng	98
15) Benzyl Alcohol	6.96	79	344859	35.888	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	537019	37.328	ng	89
17) 2-Methylphenol	7.07	107	357534	37.845	ng	98
18) Hexachloroethane	7.32	117	172528	39.426	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	278994	33.746	ng	96
20) 3+4-Methylphenols	7.23	107	409628	34.961	ng	# 69
22) Acetophenone	7.22	105	565279	35.167	ng	95
24) Nitrobenzene	7.40	77	448451	40.623	ng	99
25) Isophorone	7.63	82	780287	36.904	ng	98
26) 2-Nitrophenol	7.71	139	233252	51.902	ng	98
27) 2,4-Dimethylphenol	7.75	122	335190	35.921	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	487795	37.733	ng	99
29) 2,4-Dichlorophenol	7.96	162	338294	37.995	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	366019	37.459	ng	99
31) Naphthalene	8.12	128	1202808	36.997	ng	100
32) Benzoic acid	7.89	122	285238	38.311	ng	97
33) 4-Chloroaniline	8.17	127	523693	37.600	ng	98
34) Hexachlorobutadiene	8.23	225	201765	37.698	ng	99
35) Caprolactam	8.55	113	122648	39.487	ng	# 86
36) 4-Chloro-3-methylphenol	8.66	107	370913	38.851	ng	97
37) 2-Methylnaphthalene	8.81	142	785193	37.338	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	340647	38.412	ng	99
40) Hexachlorocyclopentadiene	8.96	237	181115	36.480	ng	98

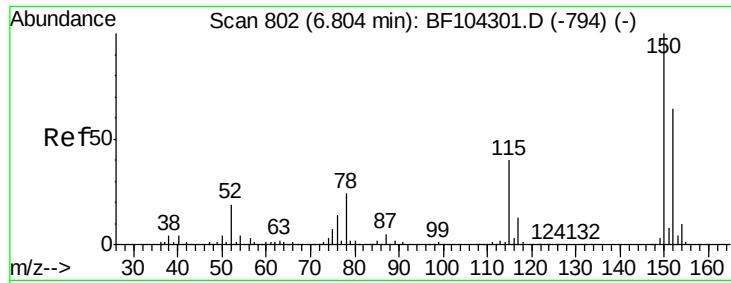
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104535.D
 Acq On : 16 Apr 2018 16:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Apr 16 16:47:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239638	38.926	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	268297	38.946	ng	96
45) 1,1'-Biphenyl	9.27	154	961793	36.956	ng	100
46) 2-Chloronaphthalene	9.30	162	763962	37.164	ng	100
47) 2-Nitroaniline	9.40	65	244203	48.037	ng	98
48) Acenaphthylene	9.72	152	1192038	36.959	ng	100
49) Dimethylphthalate	9.58	163	936388	38.329	ng	99
50) 2,6-Dinitrotoluene	9.64	165	207529	45.908	ng	98
51) Acenaphthene	9.89	154	693980	35.266	ng	99
52) 3-Nitroaniline	9.82	138	242162	45.758	ng	92
53) 2,4-Dinitrophenol	9.92	184	82704	53.187	ng	# 22
54) Dibenzofuran	10.06	168	992138	36.178	ng	99
55) 4-Nitrophenol	9.97	139	180440	43.405	ng	97
56) 2,4-Dinitrotoluene	10.05	165	275815	46.515	ng	98
57) Fluorene	10.40	166	770481	38.599	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	196734	38.279	ng	95
59) Diethylphthalate	10.27	149	919254	37.782	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	351012	39.485	ng	99
61) 4-Nitroaniline	10.43	138	237606	45.918	ng	97
62) Azobenzene	10.56	77	854782	36.772	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	134660	47.757	ng	83
65) n-Nitrosodiphenylamine	10.52	169	716329	35.651	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	229528	37.237	ng	91
67) Hexachlorobenzene	10.95	284	260298	37.530	ng	93
68) Atrazine	11.05	200	226428	37.334	ng	99
69) Pentachlorophenol	11.15	266	152795	35.610	ng	96
70) Phenanthrene	11.37	178	1144094	35.452	ng	99
71) Anthracene	11.42	178	1152000	35.117	ng	100
72) Carbazole	11.58	167	1132894	35.341	ng	99
73) Di-n-butylphthalate	11.90	149	1425627	36.407	ng	99
74) Fluoranthene	12.56	202	1196123	35.475	ng	97
76) Benzidine	12.68	184	302295	16.786	ng	99
77) Pyrene	12.79	202	1222420	38.621	ng	100
79) Butylbenzylphthalate	13.40	149	604301	40.526	ng	98
80) Benzo(a)anthracene	13.98	228	989682	38.796	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	331956	34.900	ng	99
82) Chrysene	14.02	228	959078	36.602	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	804057	41.922	ng	99
84) Di-n-octyl phthalate	14.59	149	1195447	37.302	ng	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	795049	35.718	ng	99
87) Benzo(b)fluoranthene	15.03	252	802596	37.770	ng	98
88) Benzo(k)fluoranthene	15.06	252	808580	40.306	ng	98
89) Benzo(a)pyrene	15.40	252	726554	38.214	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	658088	42.144	ng	98
91) Benzo(g,h,i)perylene	17.37	276	678964	44.880	ng	97

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

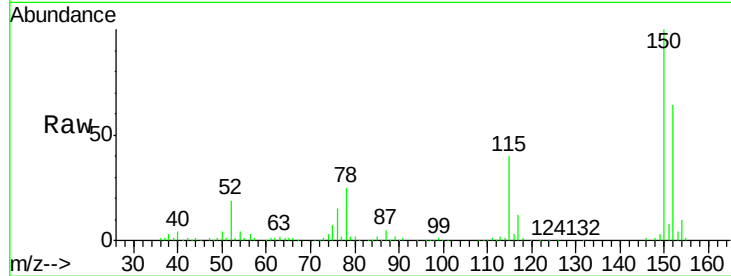


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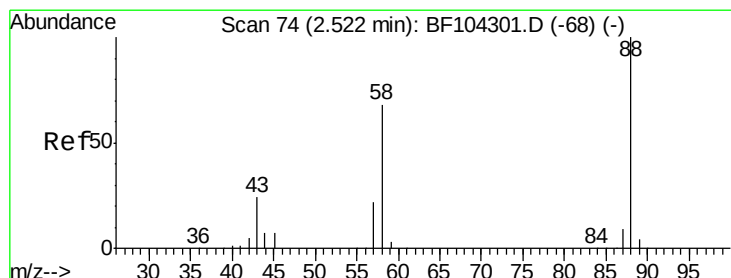
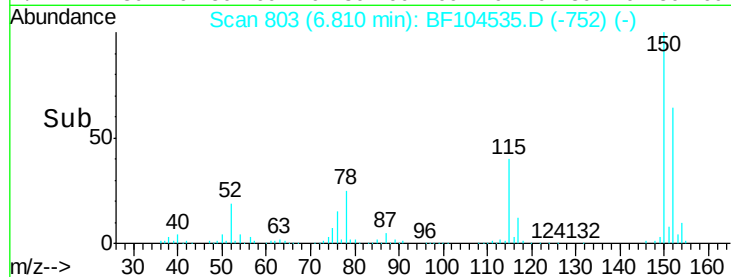
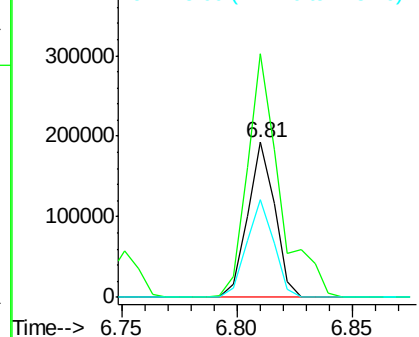
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157448
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.8 50.1 75.1



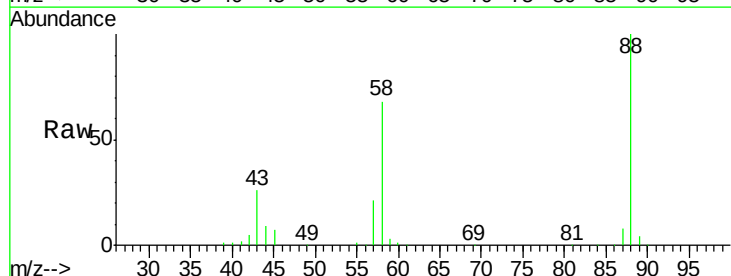
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



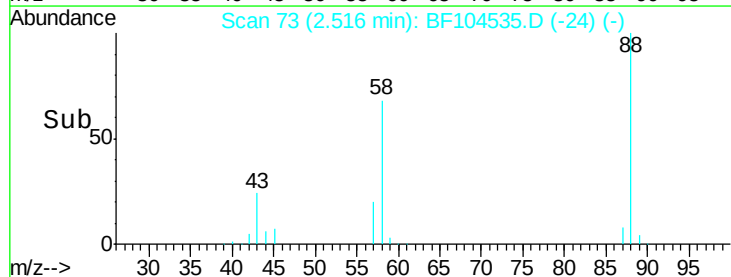
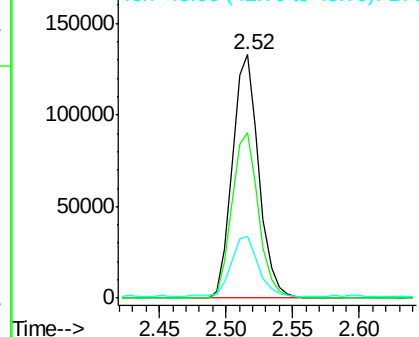
#2

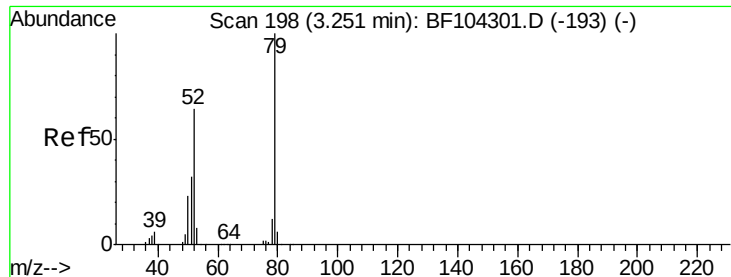
1,4-Dioxane
Concen: 38.358 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion: 88 Resp: 184044
Ion Ratio Lower Upper
88 100
58 68.4 62.6 93.8
43 25.3 24.6 37.0



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

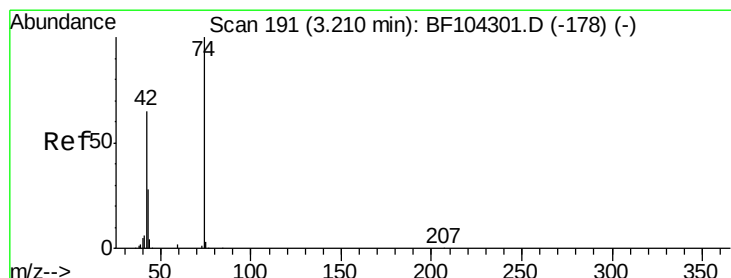
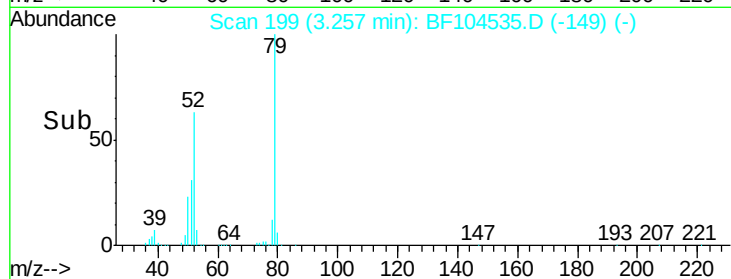
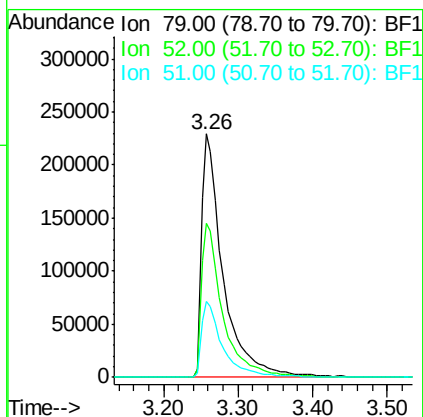
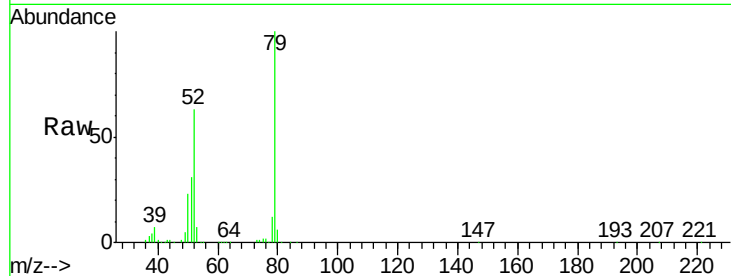




#3
 Pvridine
 Concen: 34.274 ng
 RT: 3.26 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

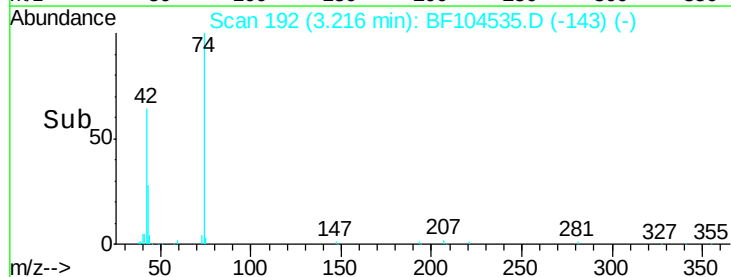
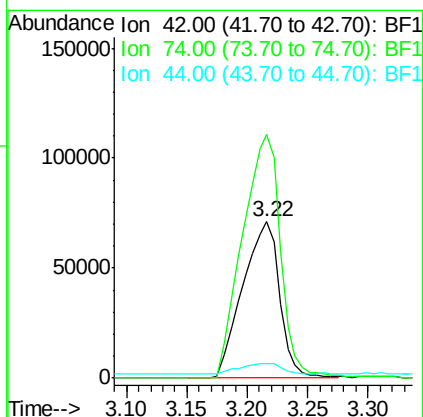
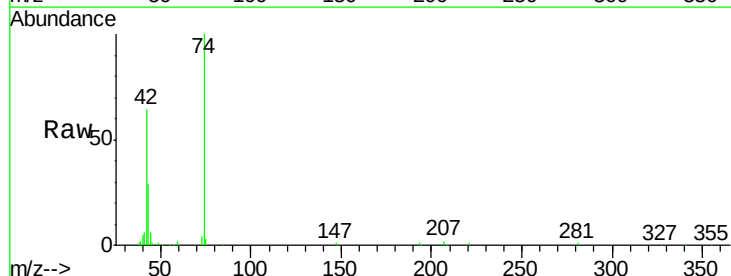
Instrument :
 BNA_F
 ClientSampled :

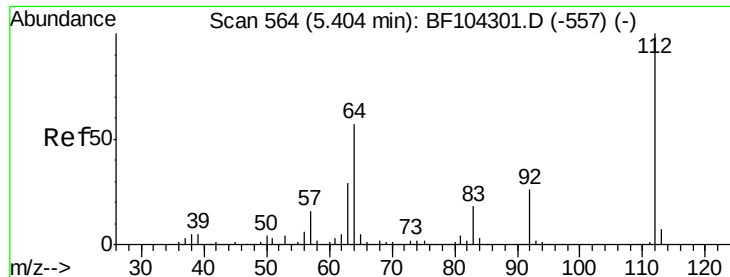
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	59.8	89.6
51	31.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 32.374 ng
 RT: 3.22 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	104.9	157.3
44	9.1	6.9	10.3





#5

2-Fluorophenol

Concen: 73.712 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampled :

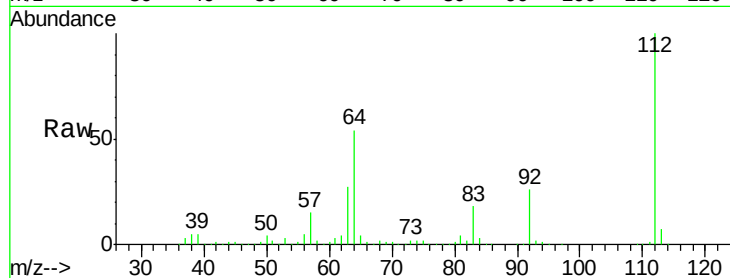
Tot Ion:112 Resp: 759014

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

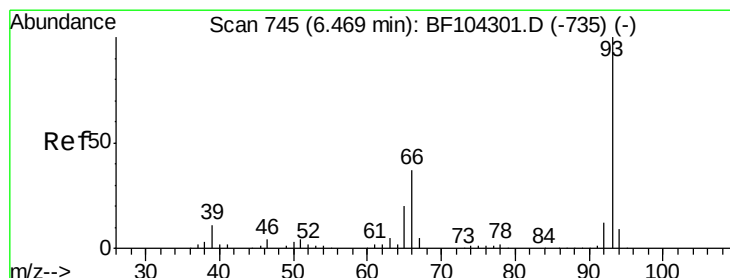
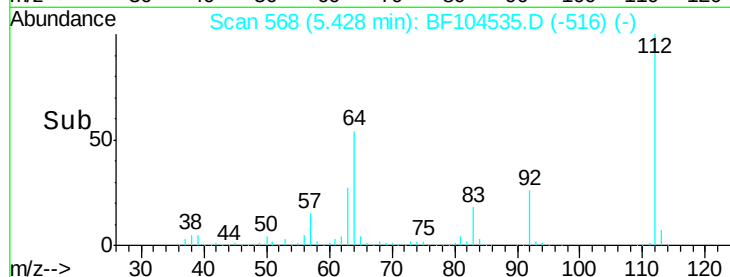
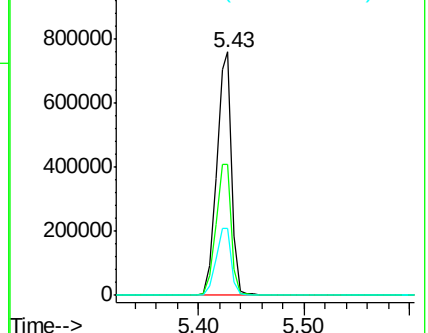
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.341 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

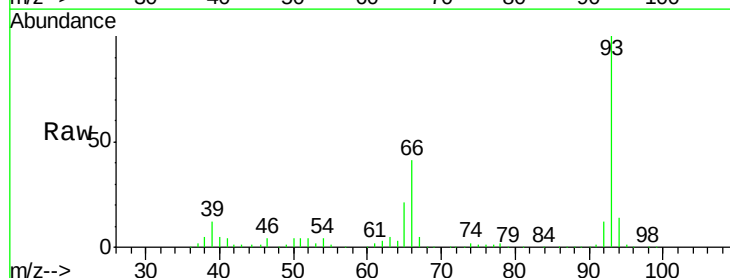
Tgt Ion: 93 Resp: 621197

Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

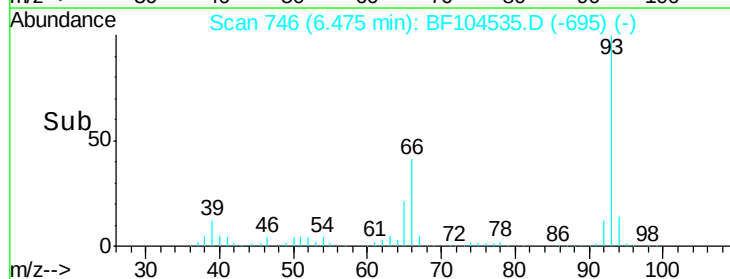
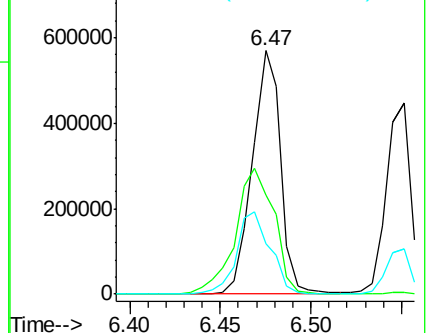
65 20.6 16.4 24.6

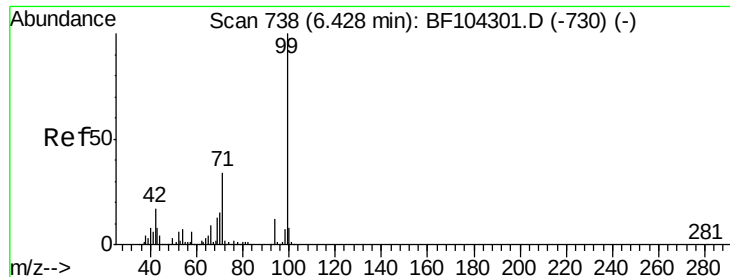


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.093 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

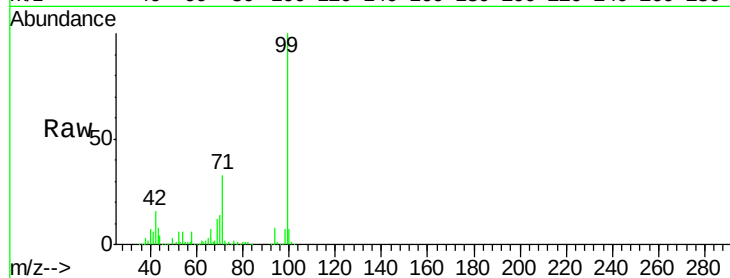
Tot Ion: 99 Resp: 937404

Ion Ratio Lower Upper

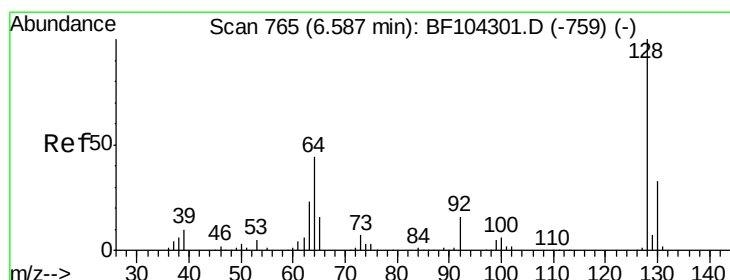
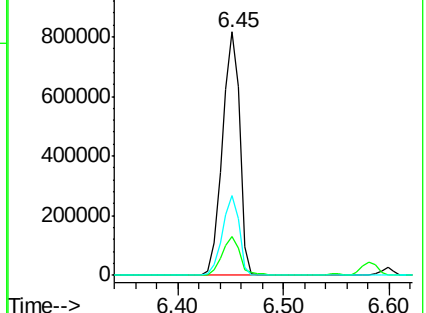
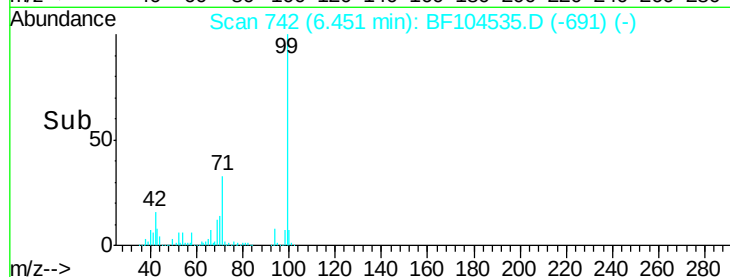
99 100

42 15.9 14.5 21.7

71 32.6 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: 38.573 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

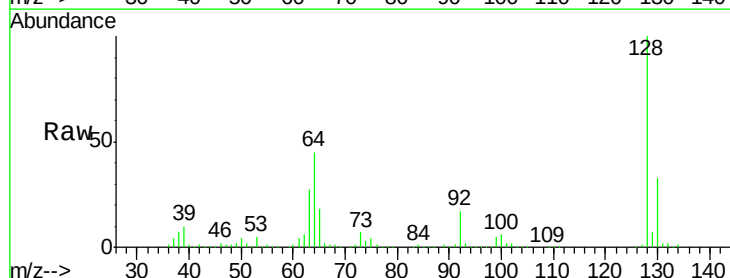
Tgt Ion: 128 Resp: 419217

Ion Ratio Lower Upper

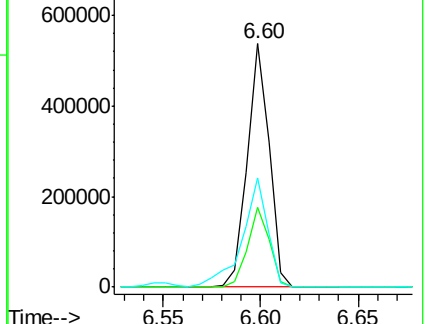
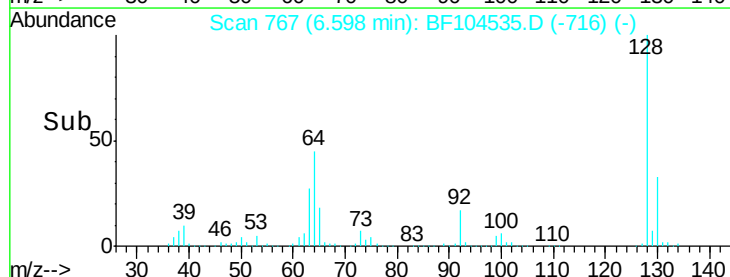
128 100

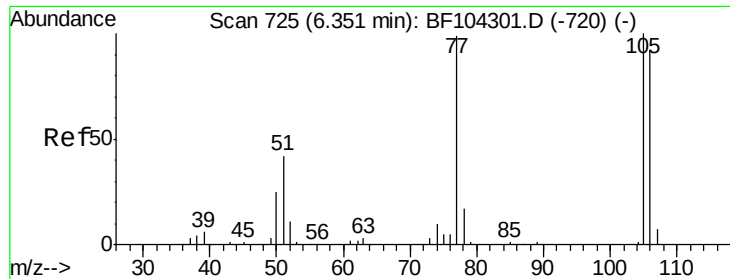
130 32.6 13.0 53.0

64 45.0 29.4 69.4



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

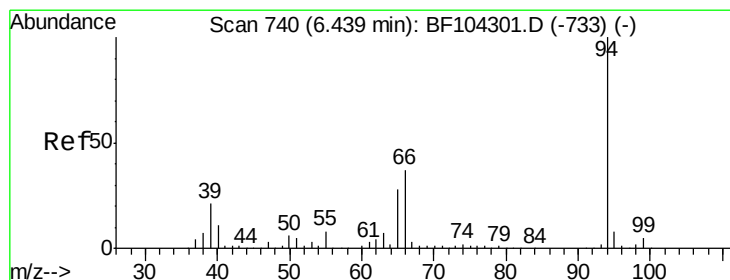
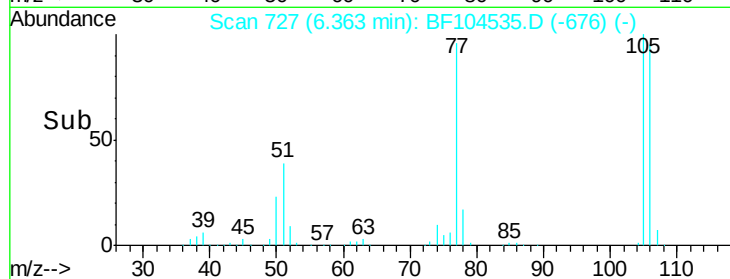
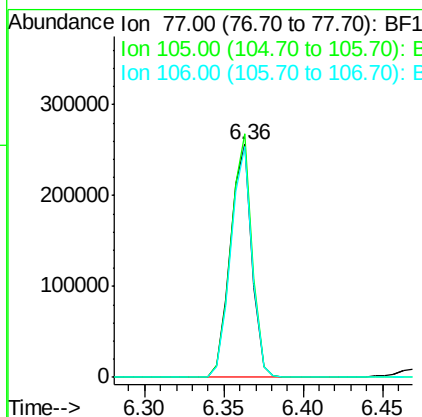
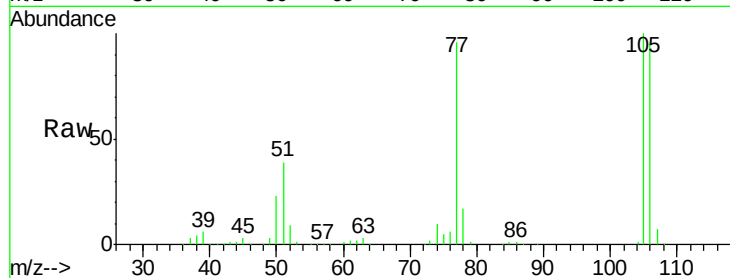




#9
Benzaldehyde
Concen: 36.704 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

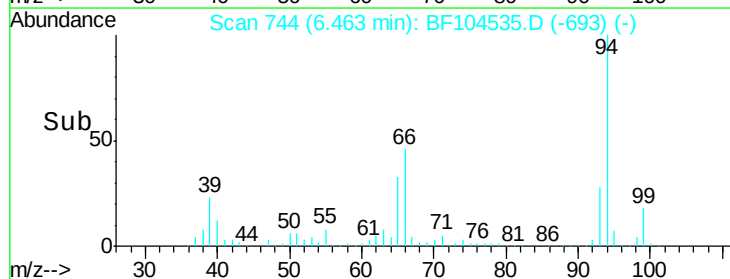
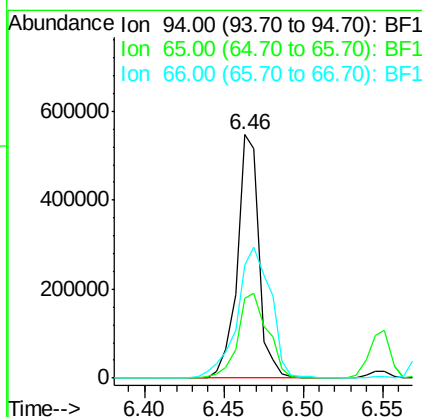
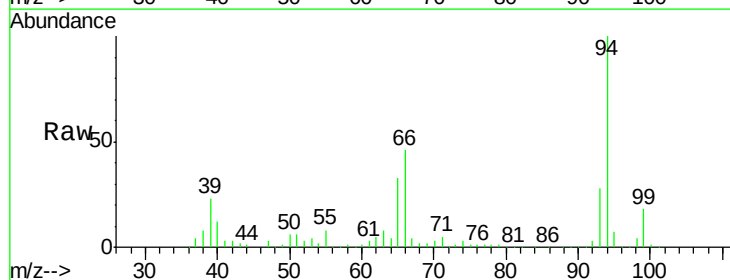
Instrument :
BNA_F
ClientSampleId :

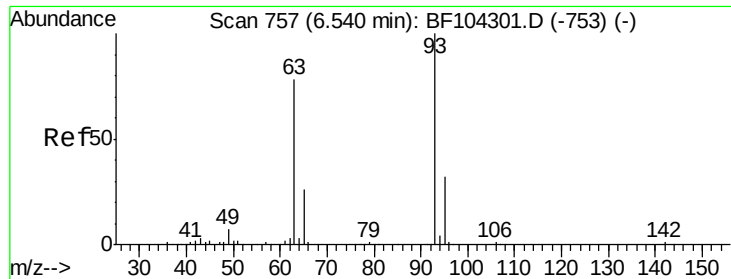
Tot Ion: 77 Resp: 241385
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 99.4 74.5 114.5



#10
Phenol
Concen: 38.679 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion: 94 Resp: 519222
Ion Ratio Lower Upper
94 100
65 32.7 7.9 47.9
66 46.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.442 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampled :

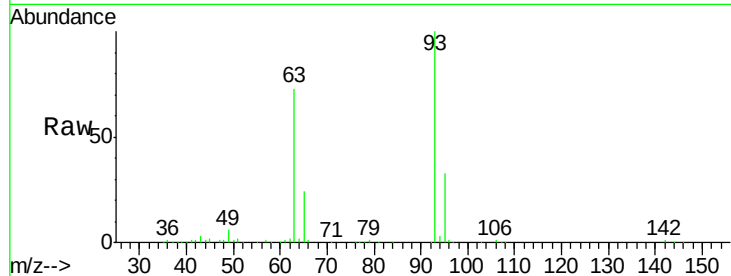
Tot Ion: 93 Resp: 411805

Ion Ratio Lower Upper

93 100

63 72.6 58.6 98.6

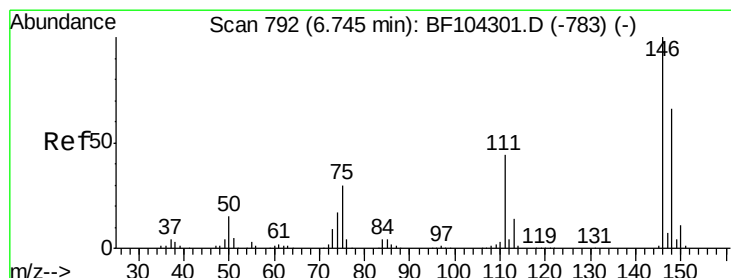
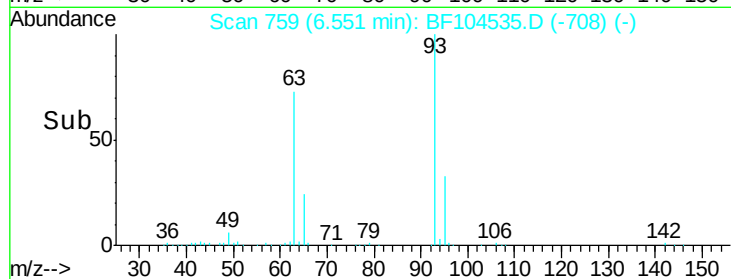
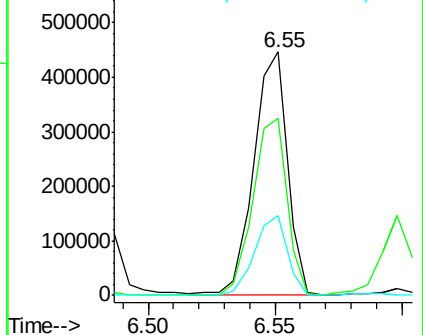
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.637 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

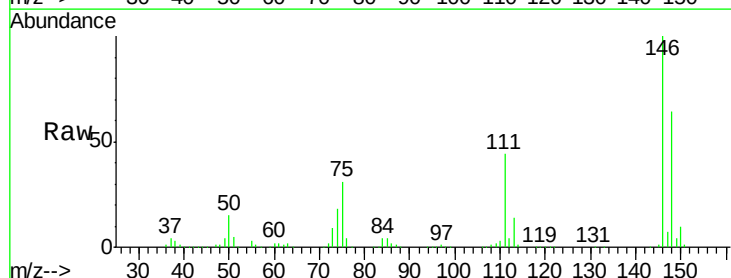
Tgt Ion: 146 Resp: 463404

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

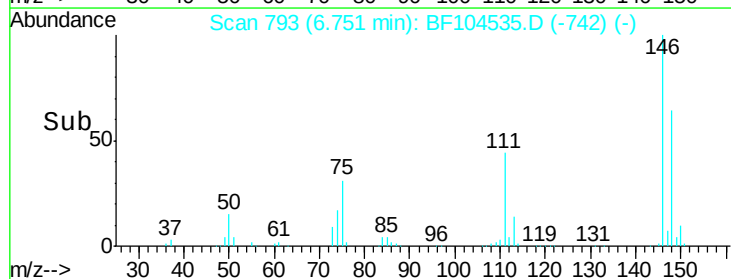
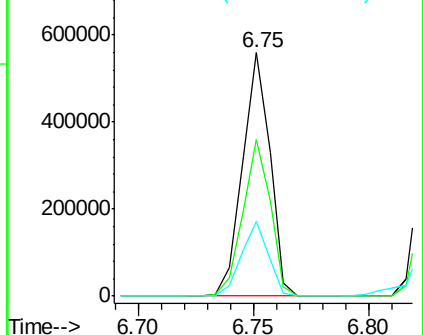
75 30.8 24.2 36.4

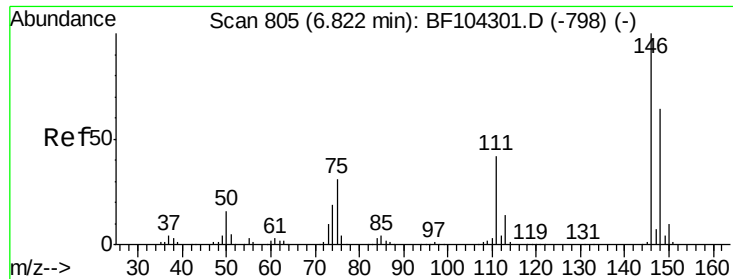


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

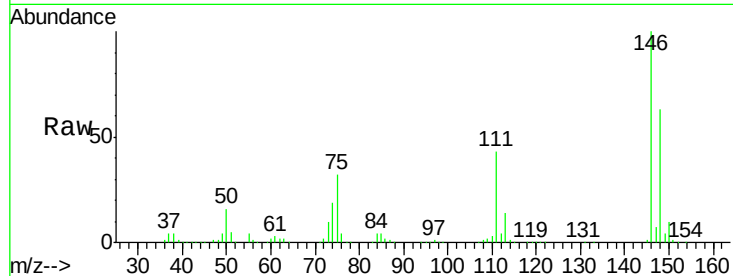




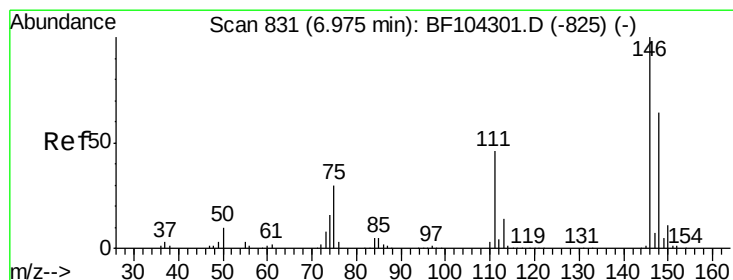
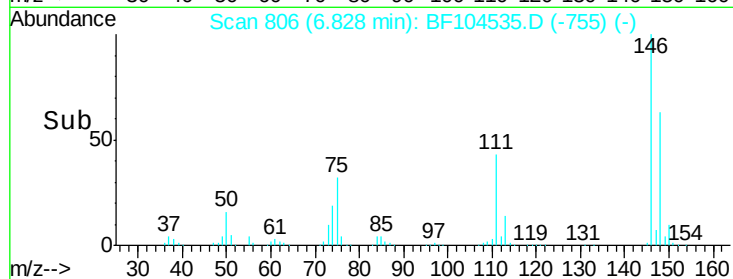
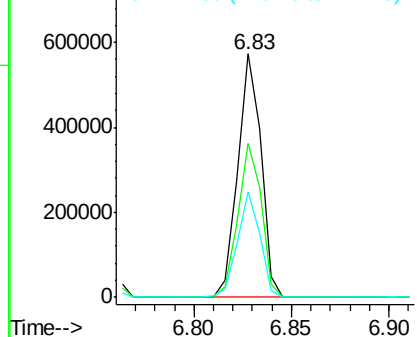
#13
 1,4-Dichlorobenzene
 Concen: 38.423 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 471581
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 43.2 34.2 51.2

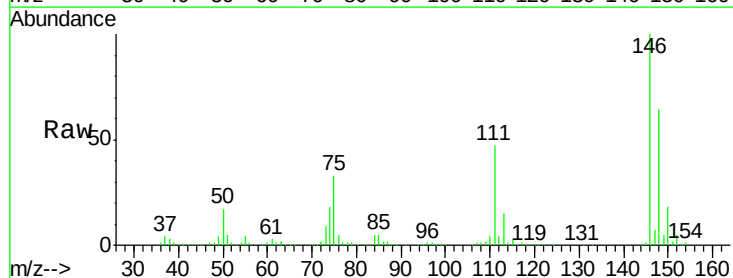


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

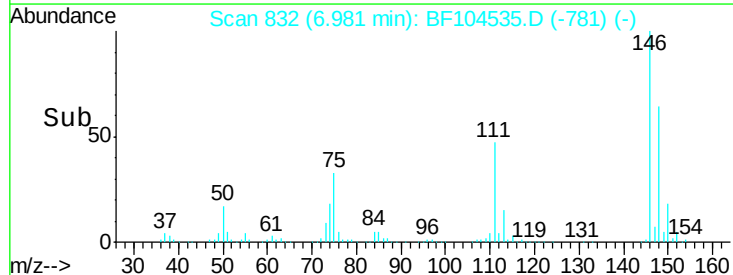
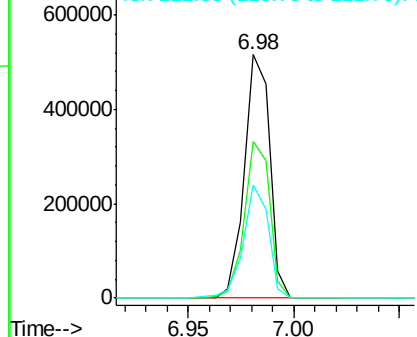


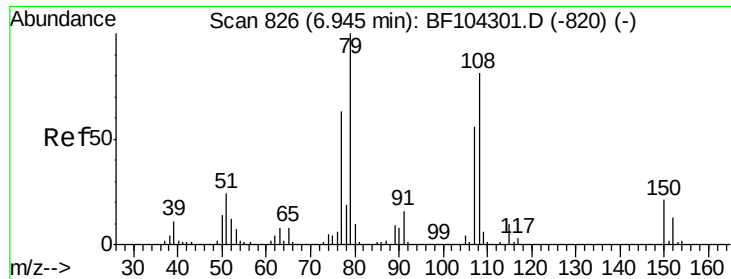
#14
 1,2-Dichlorobenzene
 Concen: 37.641 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:146 Resp: 428125
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 46.5 36.0 54.0



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

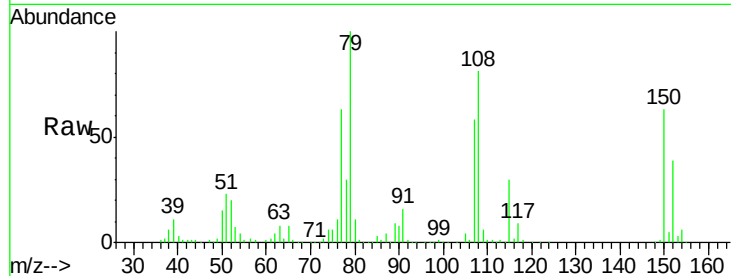




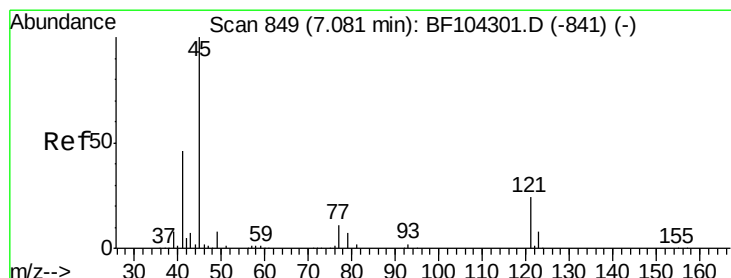
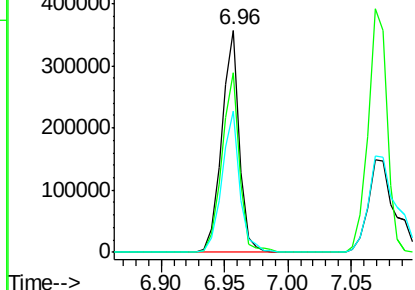
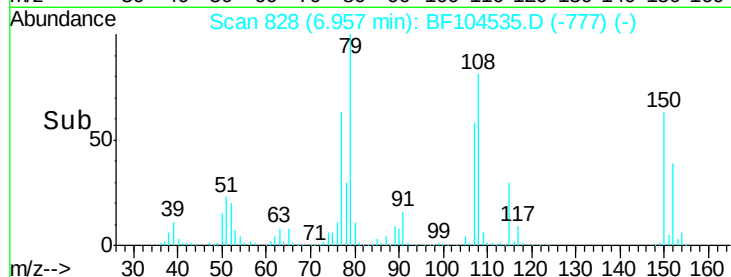
#15
Benzyl Alcohol
Concen: 35.888 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 344859
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 63.5 50.6 75.8

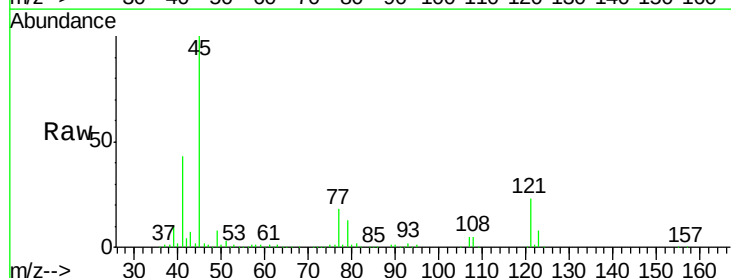


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

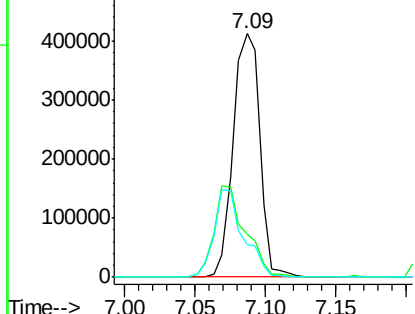
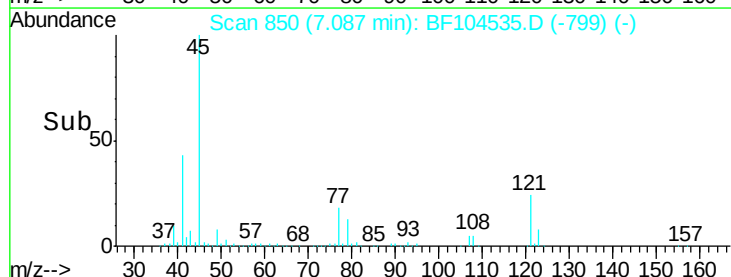


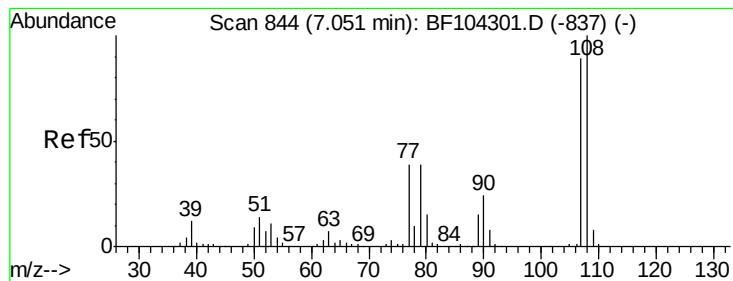
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.328 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion: 45 Resp: 537019
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.9
79 13.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

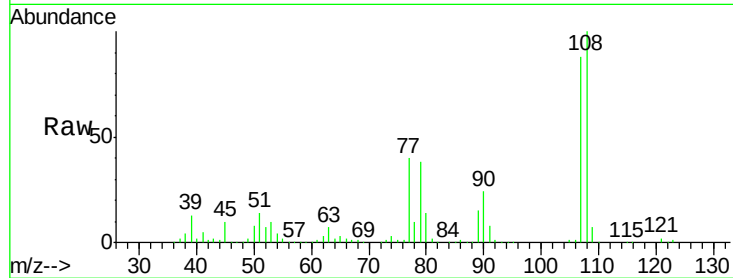




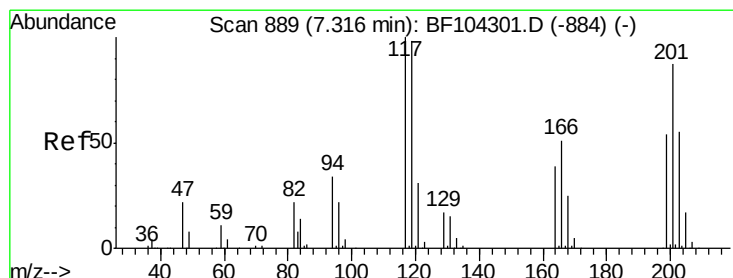
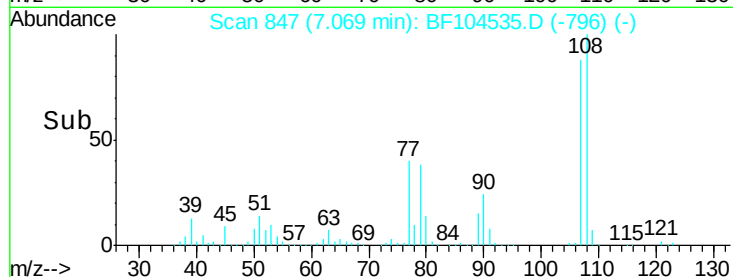
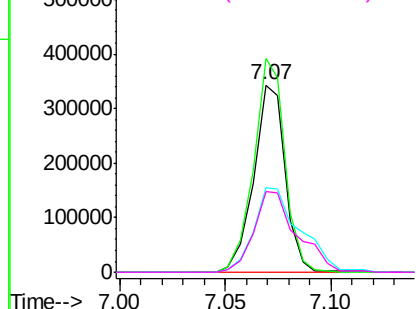
#17
2-Methylphenol
Concen: 37.845 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 357534
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 45.2 33.8 50.8
79 43.4 33.8 50.8

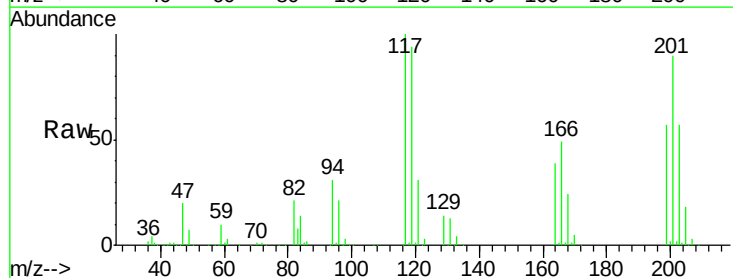


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

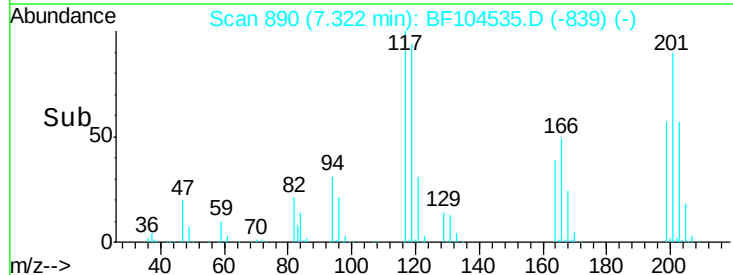
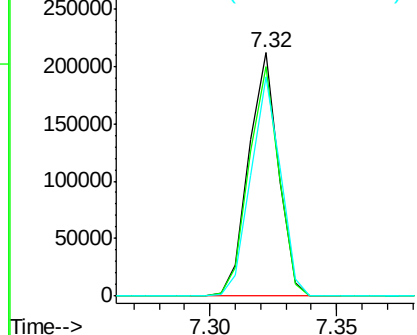


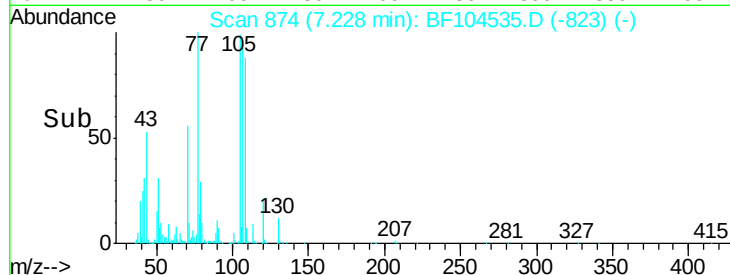
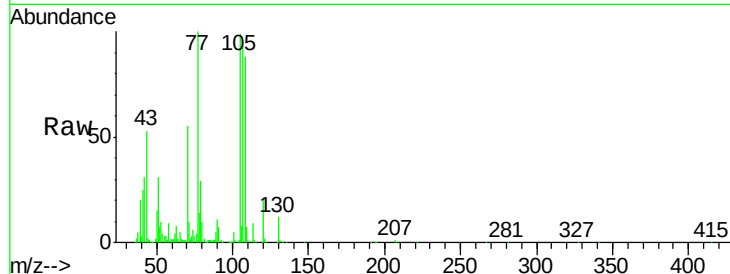
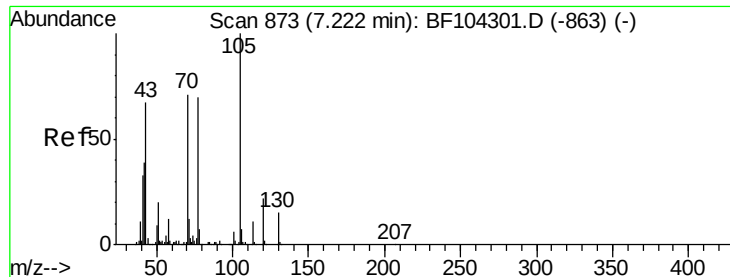
#18
Hexachloroethane
Concen: 39.426 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:117 Resp: 172528
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 90.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

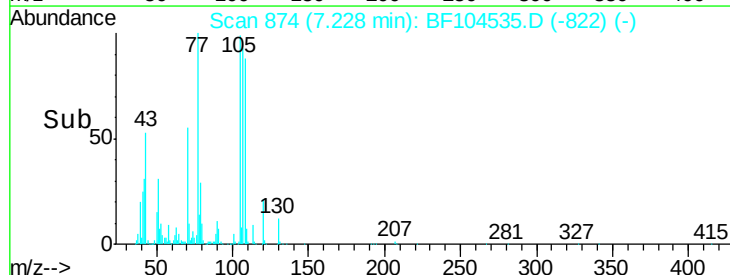
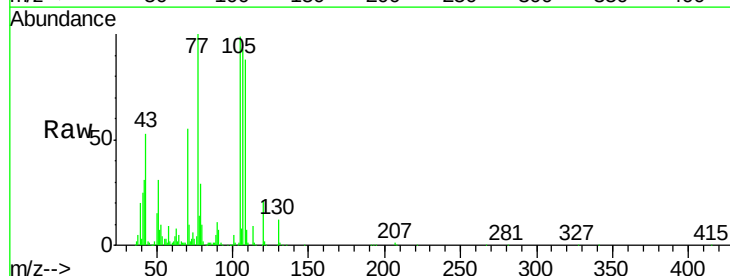
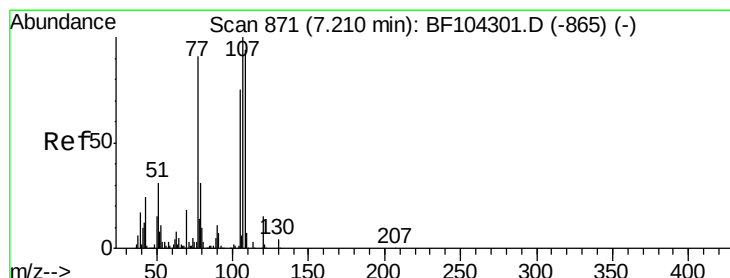
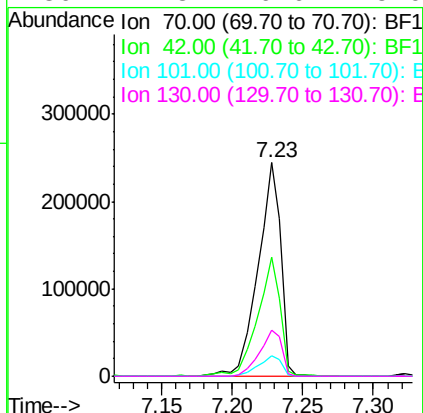




#19
n-Nitroso-di-n-propylamine
Concen: 33.746 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

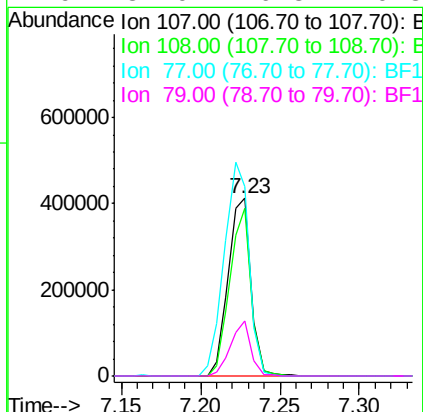
Instrument :
BNA_F
ClientSampleId :

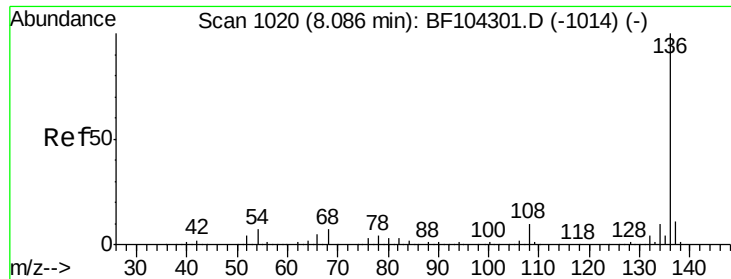
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	9.5	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.961 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	107.1	26.7	66.7#
79	31.0	6.3	46.3

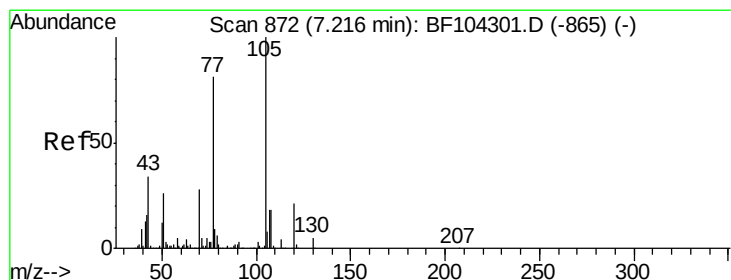
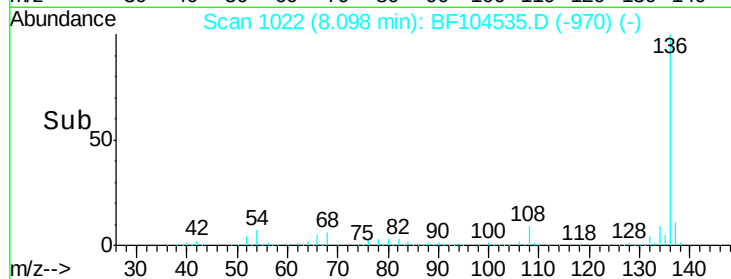
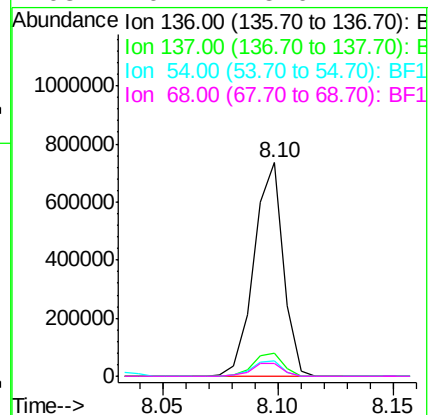
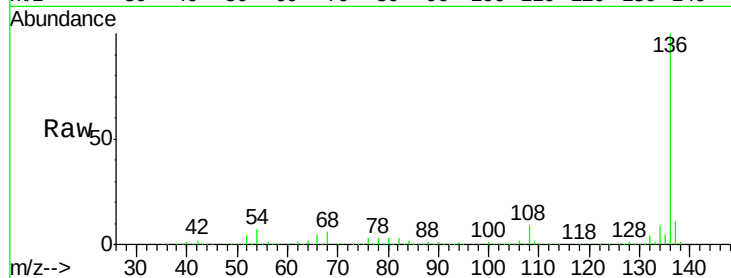




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

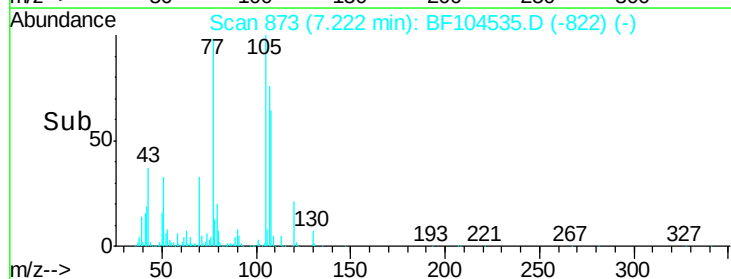
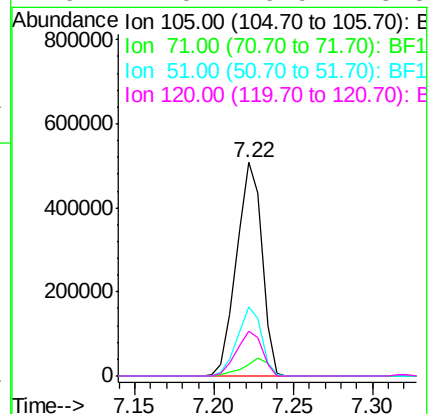
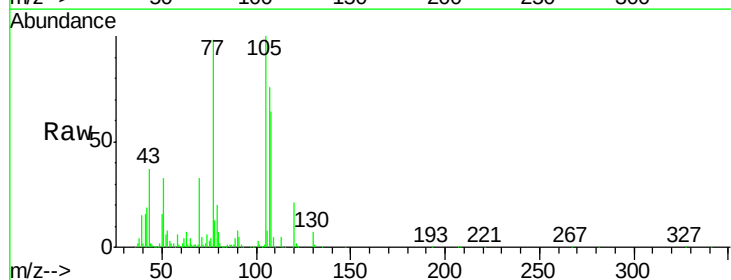
Instrument :
BNA_F
ClientSampleId :

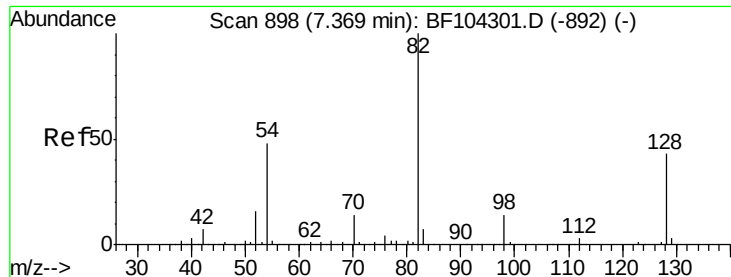
Tot Ion:136	Resp: 652898
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.9	6.6 9.8
68 6.1	5.0 7.4



#22
Acetophenone
Concen: 35.167 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt	Ion:105	Resp:	565279
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	32.6	22.3	33.5
120	21.0	16.9	25.3

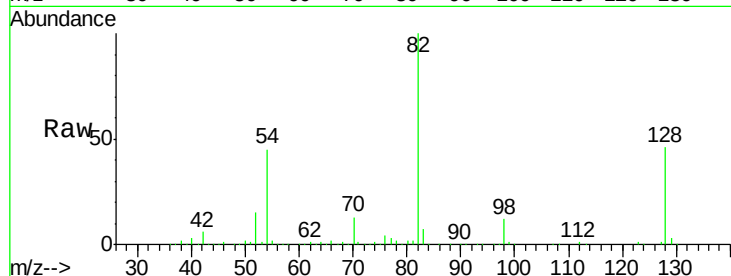




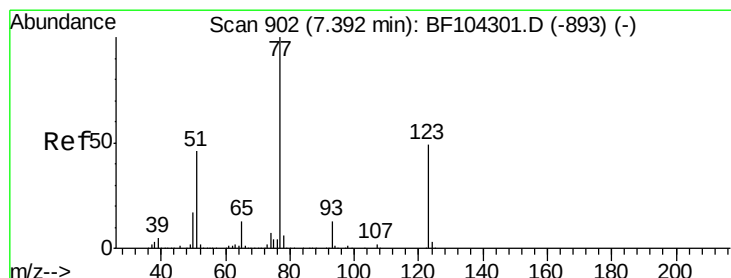
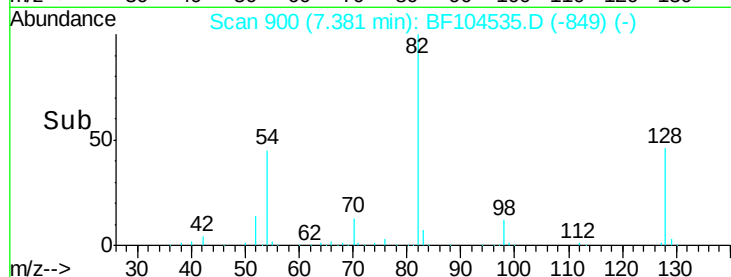
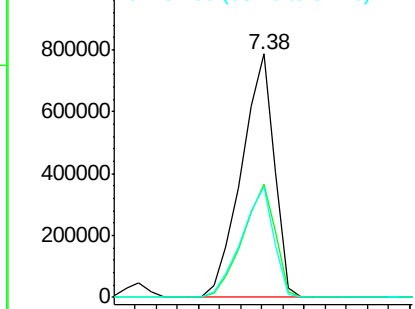
#23
 Nitrobenzene-d5
 Concen: 84.521 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 845099
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 45.5 41.4 62.2

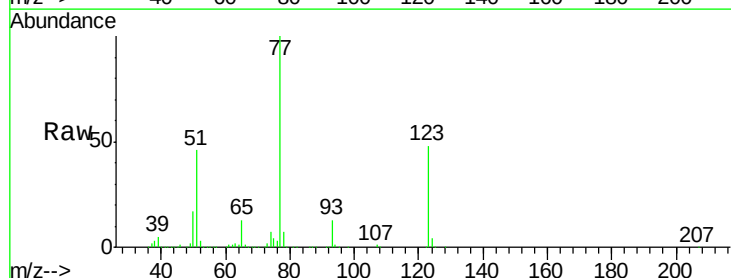


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

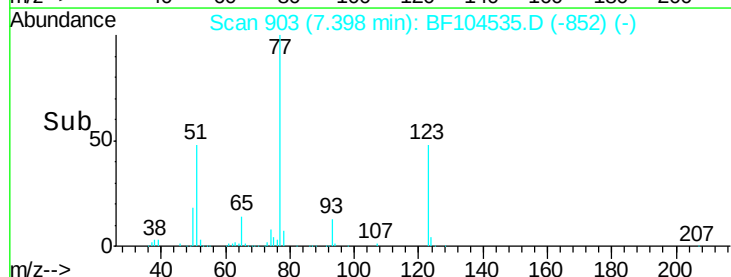
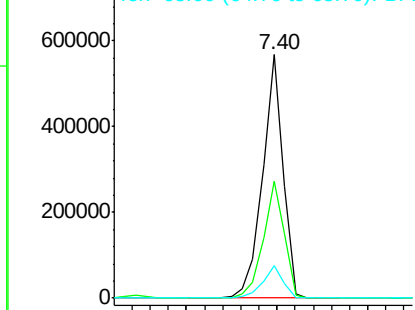


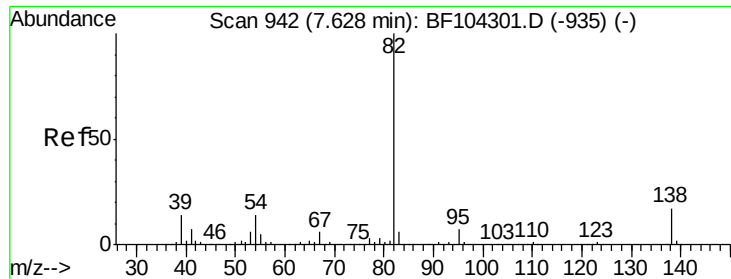
#24
 Nitrobenzene
 Concen: 40.623 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion: 77 Resp: 448451
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.9 56.9
 65 13.3 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: 36.904 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

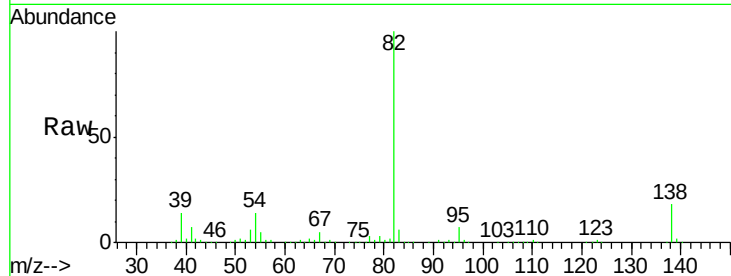
Tot Ion: 82 Resp: 780287

Ion Ratio Lower Upper

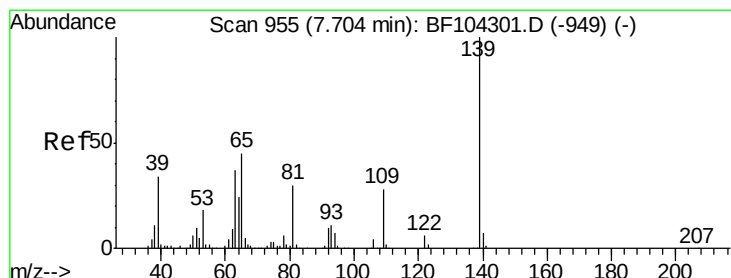
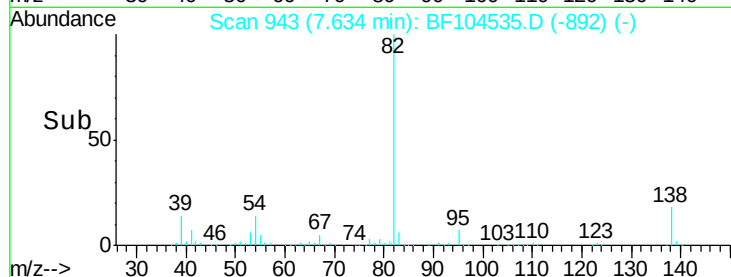
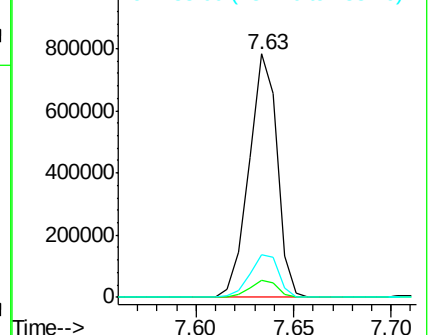
82 100

95 7.0 5.2 7.8

138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.902 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

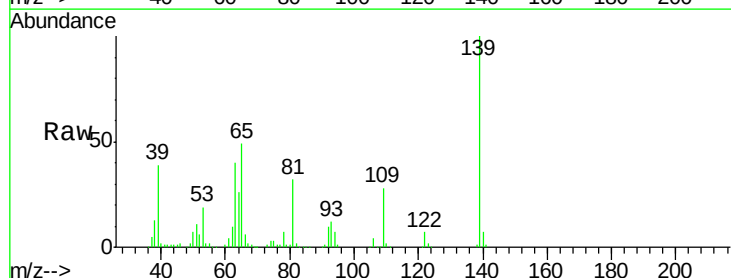
Tgt Ion: 139 Resp: 233252

Ion Ratio Lower Upper

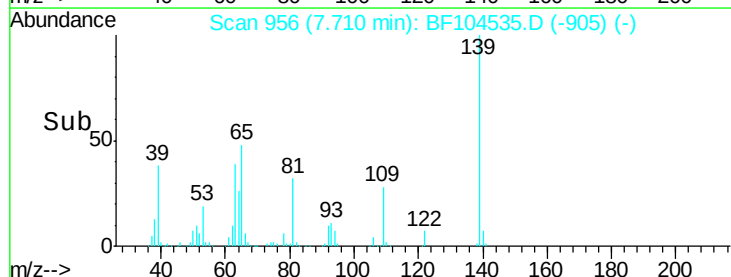
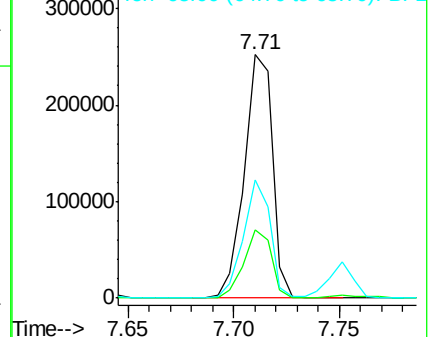
139 100

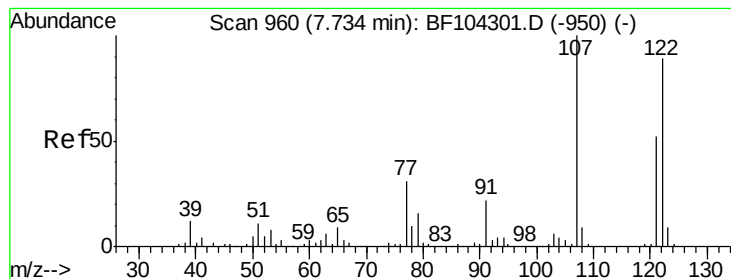
109 28.1 22.7 34.1

65 48.6 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.921 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

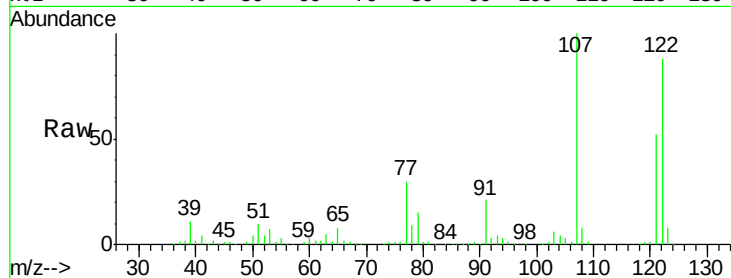
Tot Ion:122 Resp: 335190

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

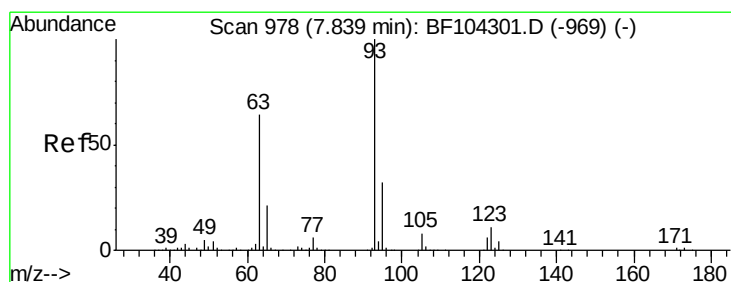
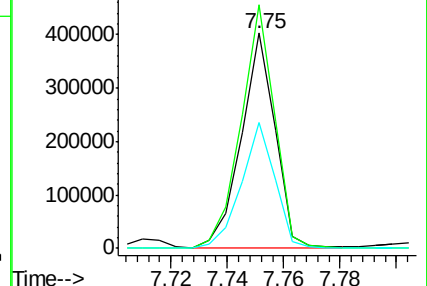
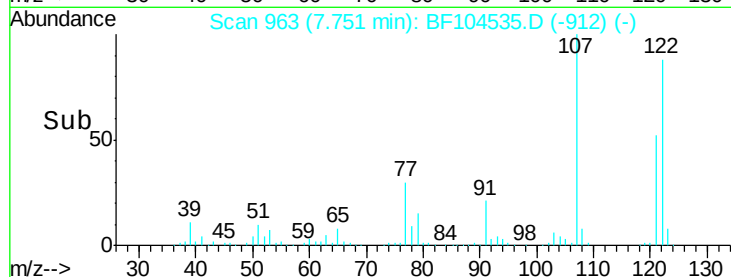
121 58.6 47.2 70.8



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: 37.733 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

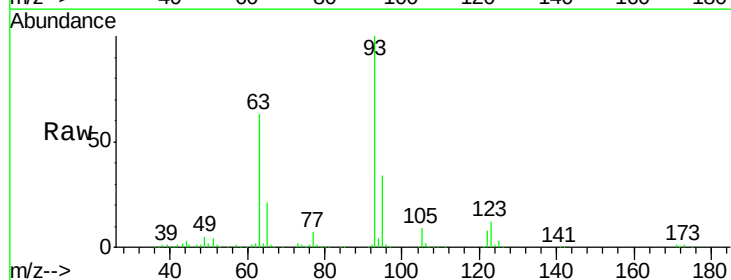
Tgt Ion: 93 Resp: 487795

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

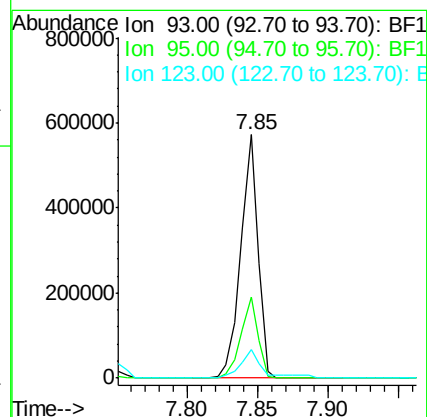
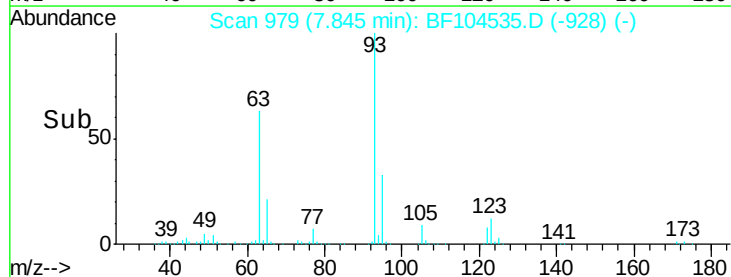
123 11.7 9.8 14.6

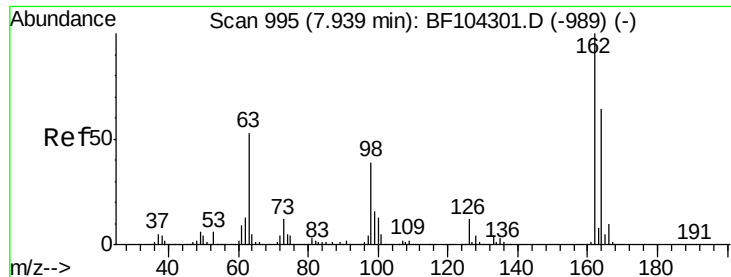


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

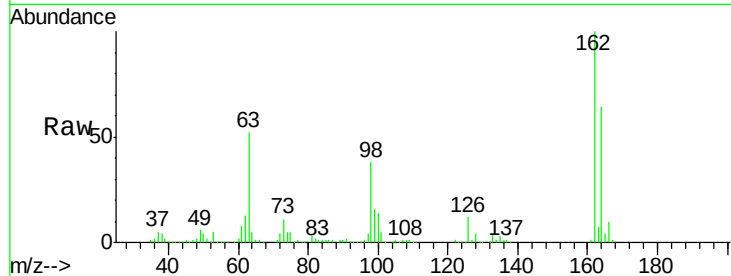




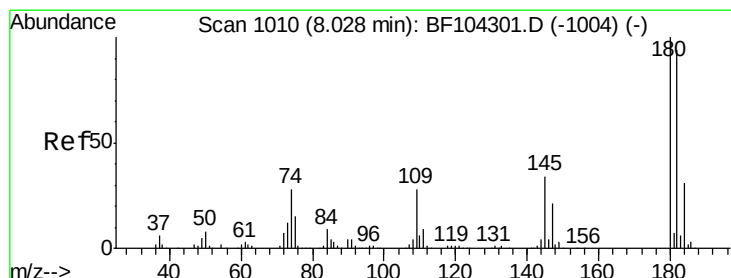
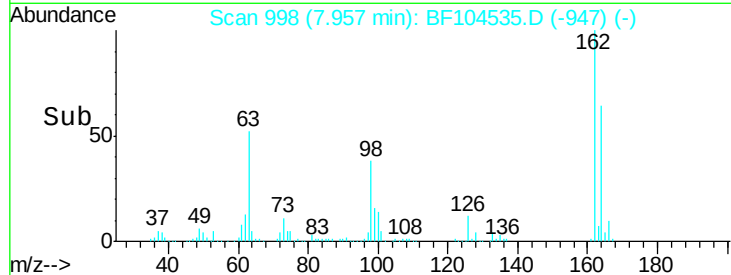
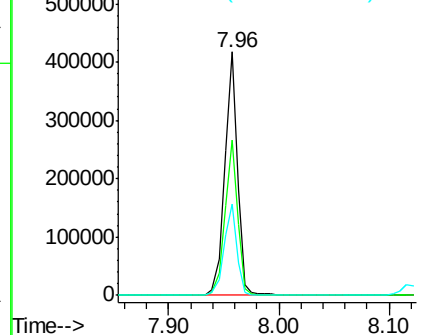
#29
2,4-Dichlorophenol
Concen: 37.995 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	37.7	18.1	58.1

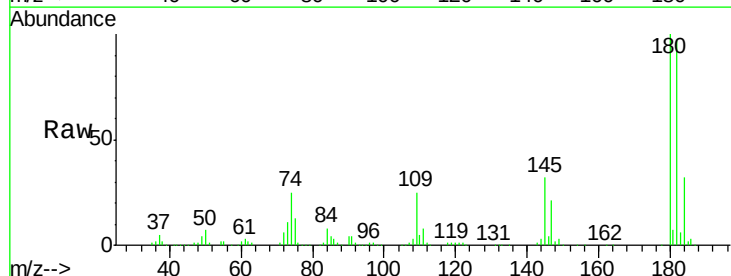


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

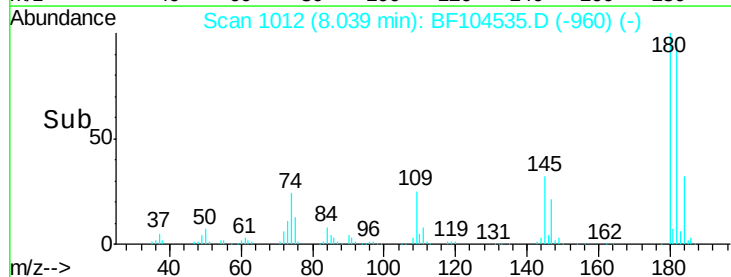
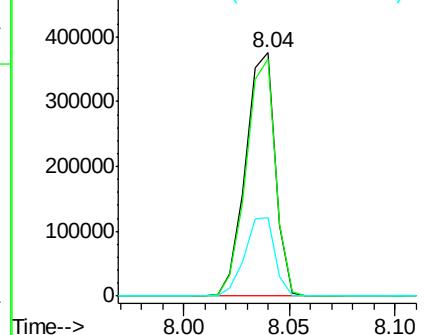


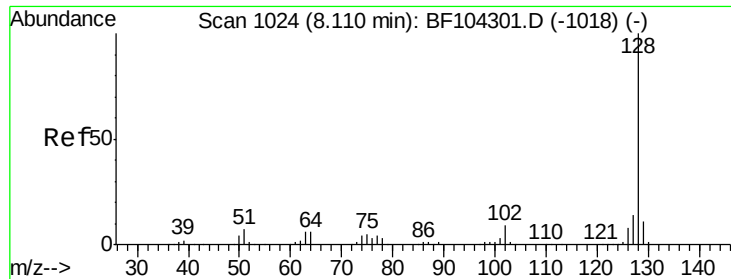
#30
1,2,4-Trichlorobenzene
Concen: 37.459 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	32.5	26.5	39.7



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

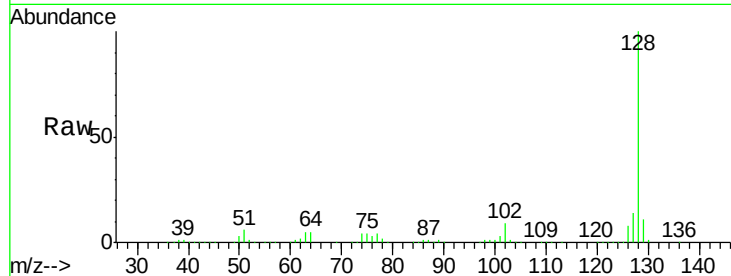




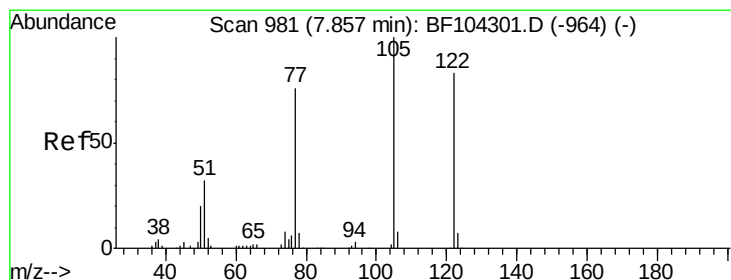
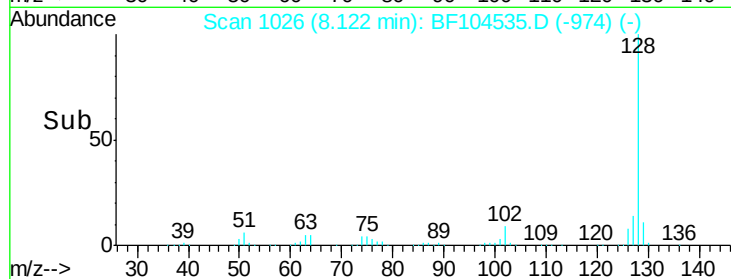
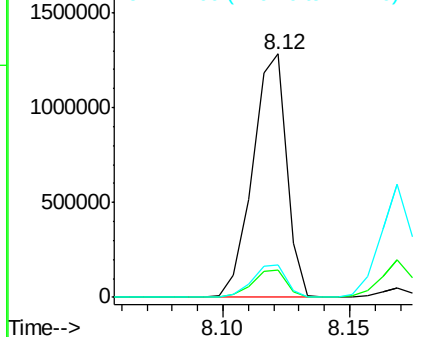
#31
Naphthalene
Concen: 36.997 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1202808
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3

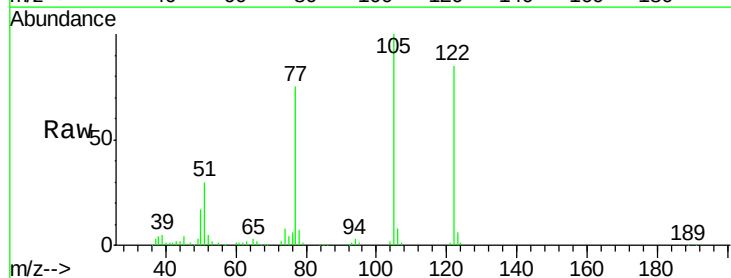


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

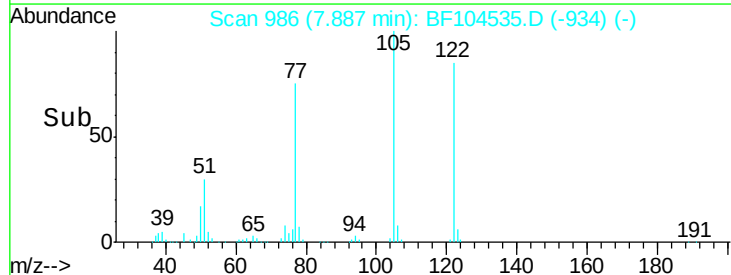
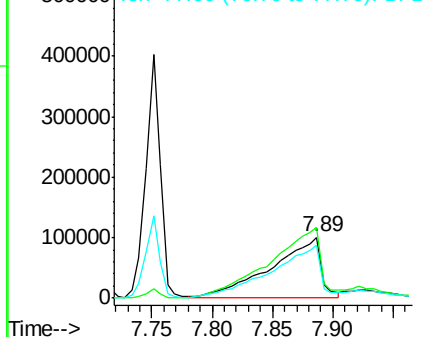


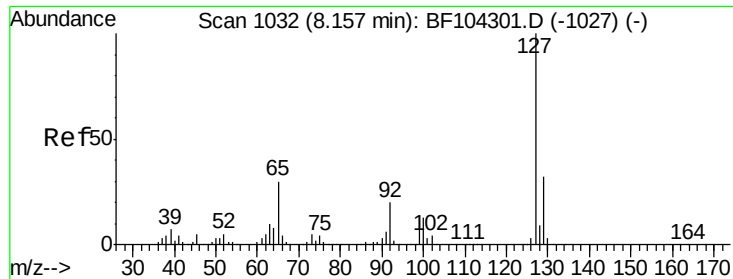
#32
Benzoic acid
Concen: 38.311 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:122 Resp: 285238
Ion Ratio Lower Upper
122 100
105 117.0 101.1 141.1
77 88.1 70.7 110.7



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

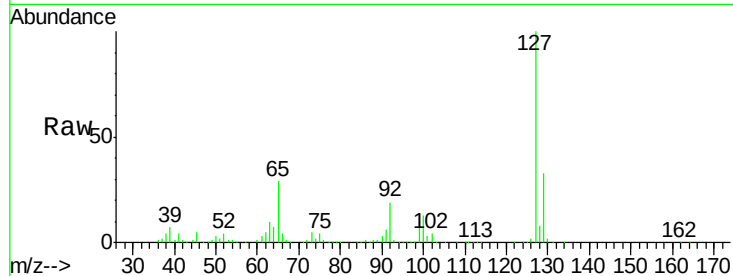




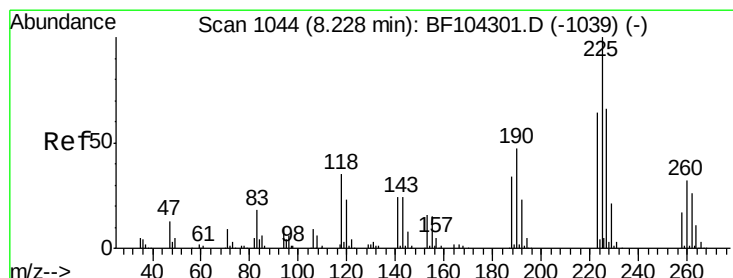
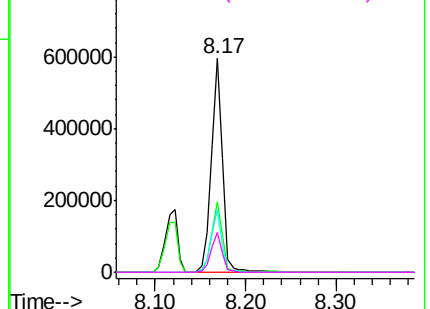
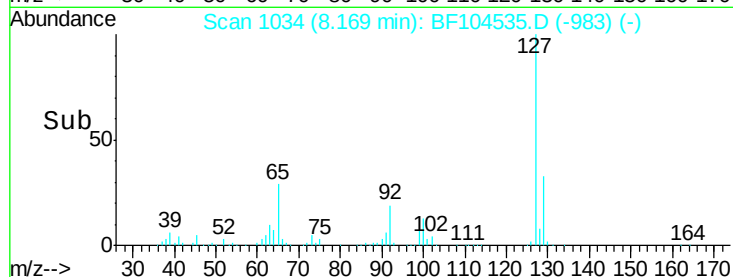
#33
4-Chloroaniline
Concen: 37.600 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	523693
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.4	25.0	37.4
92	18.8	15.2	22.8

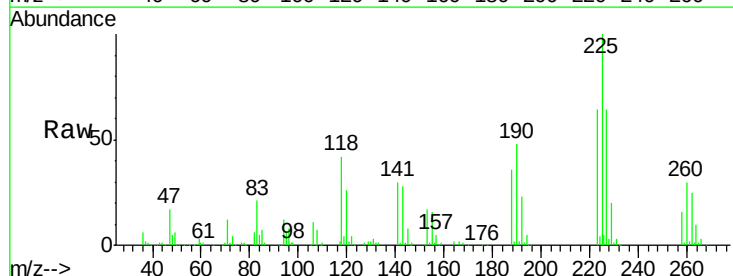


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

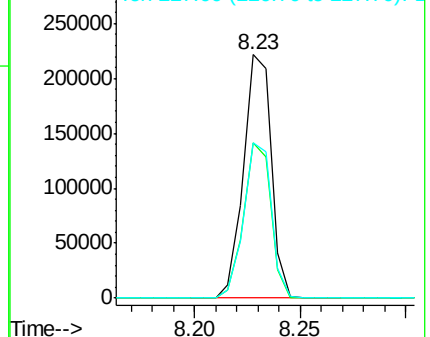
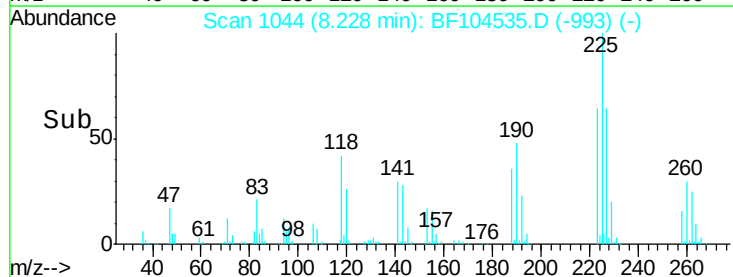


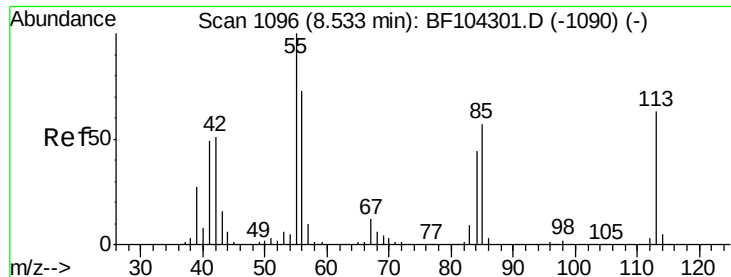
#34
Hexachlorobutadiene
Concen: 37.698 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:	225	Resp:	201765
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.6	51.9	77.9



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

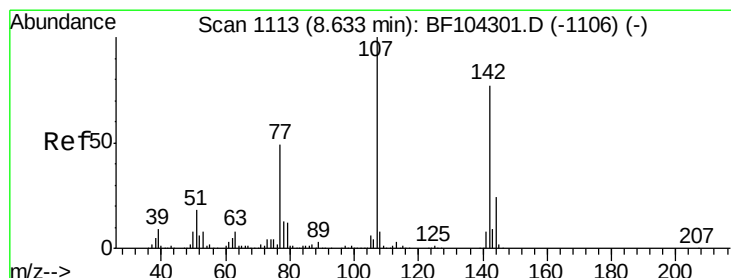
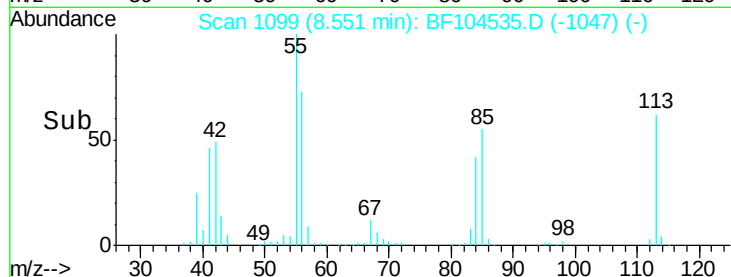
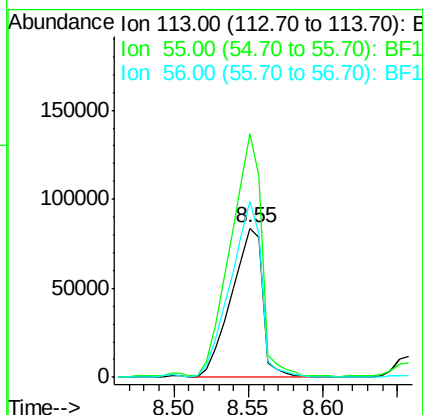
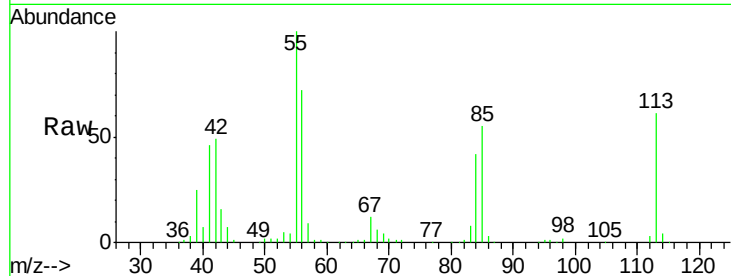




#35
 Caprolactam
 Concen: 39.487 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

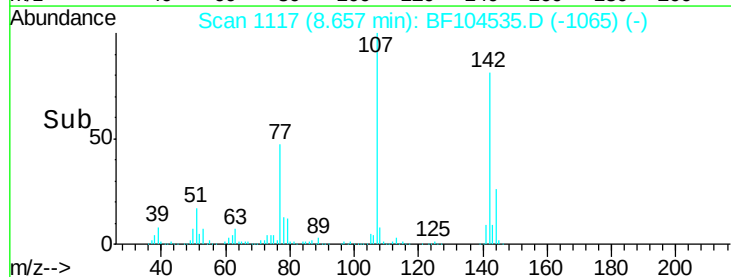
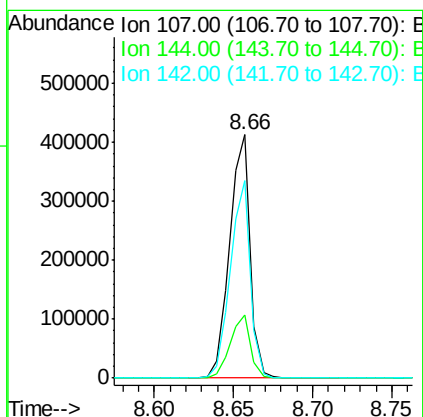
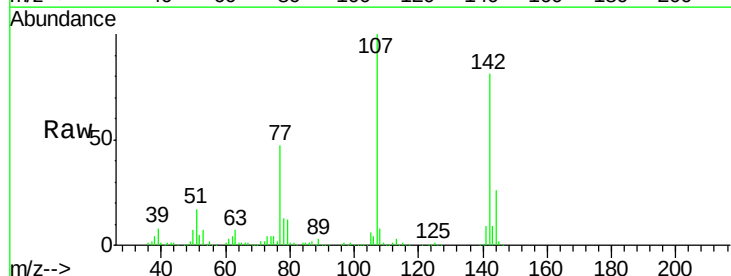
Instrument :
 BNA_F
 ClientSampleId :

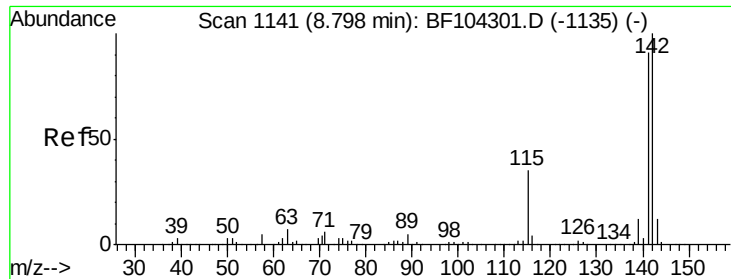
Tot Ion:113 Resp: 122648
 Ion Ratio Lower Upper
 113 100
 55 163.1 163.3 203.3#
 56 117.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.851 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:107 Resp: 370913
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 80.9 62.0 93.0

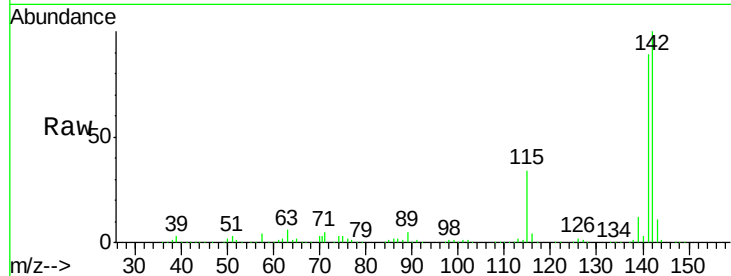




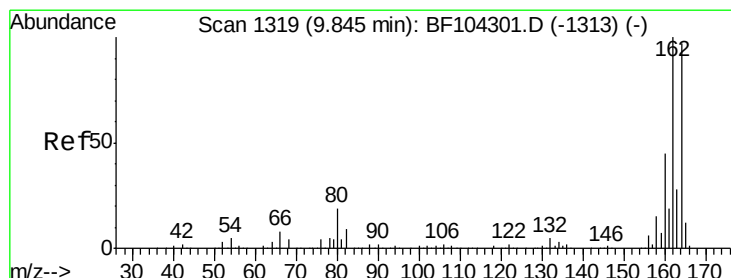
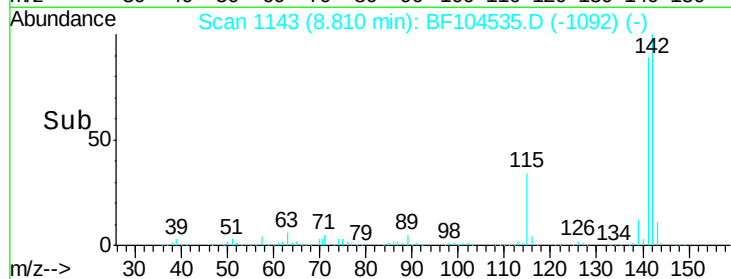
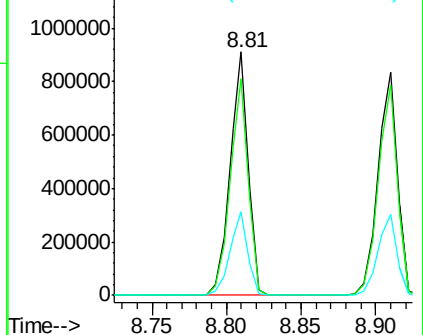
#37
 2-Methylnaphthalene
 Concen: 37.338 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.2	26.1	39.1

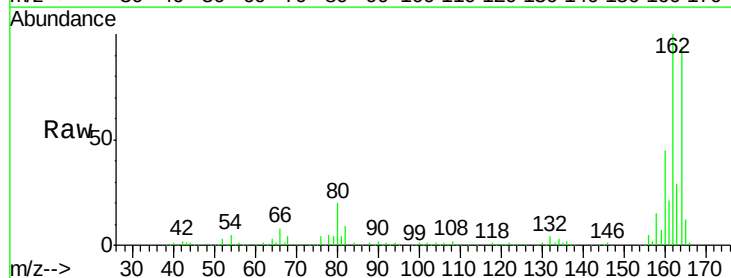


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

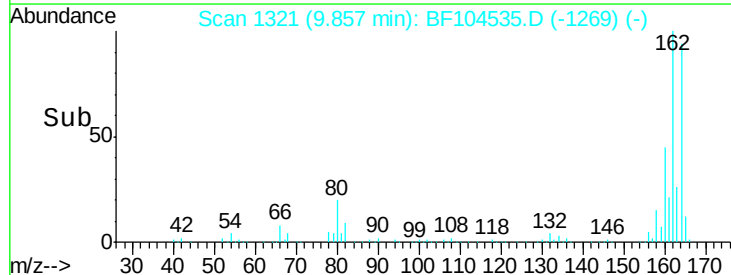
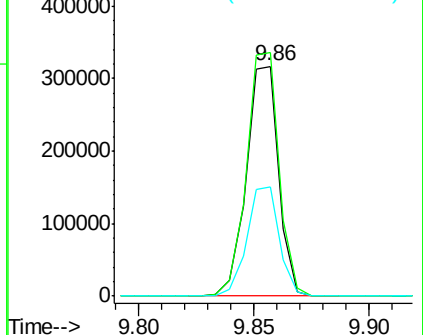


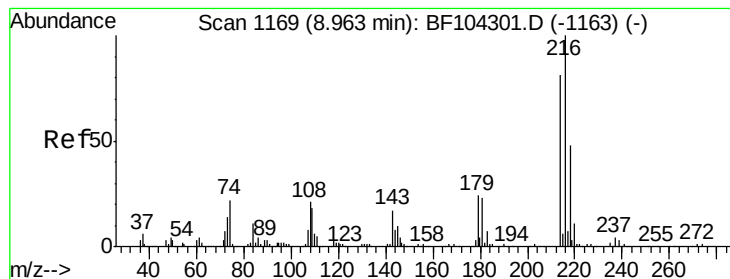
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	47.5	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.412 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104535.D

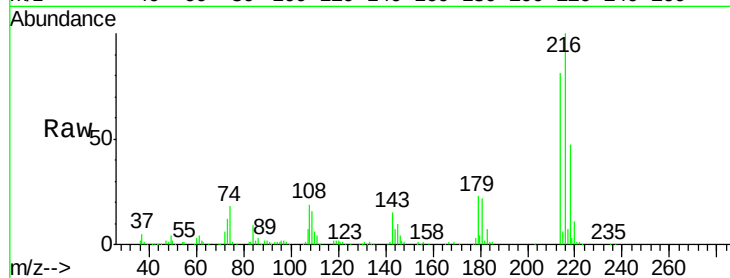
Acq: 16 Apr 2018 16:13

Instrument :

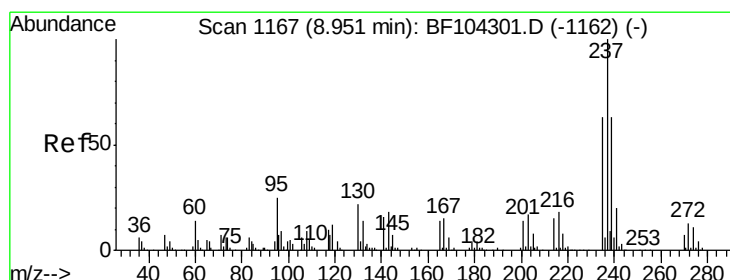
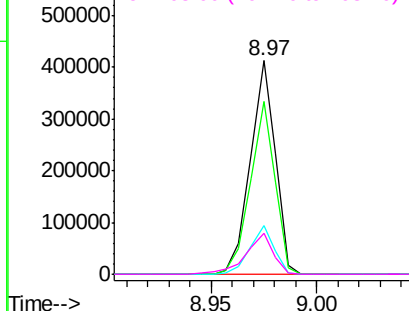
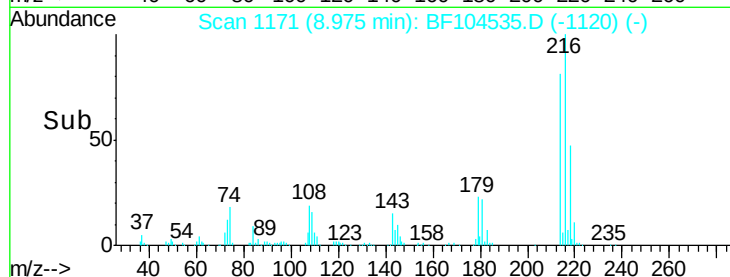
BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	340647
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.2	18.1	27.1
108	21.0	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: 36.480 ng

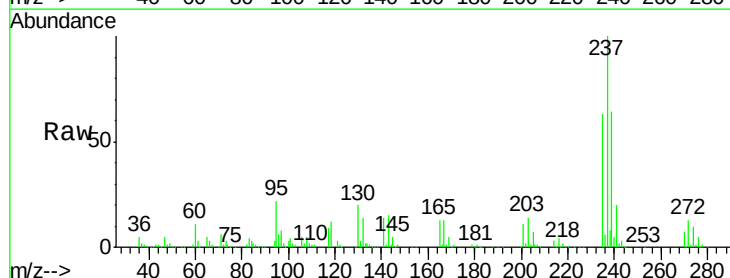
RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

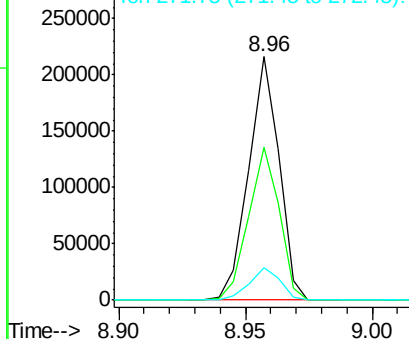
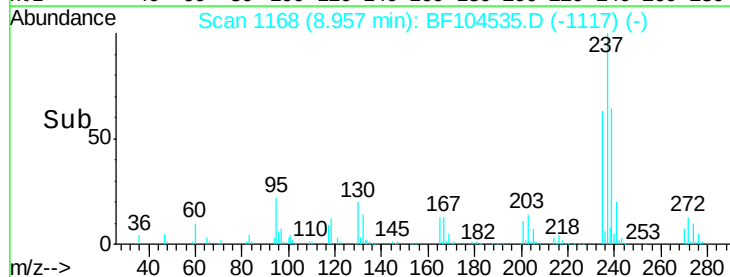
Lab File: BF104535.D

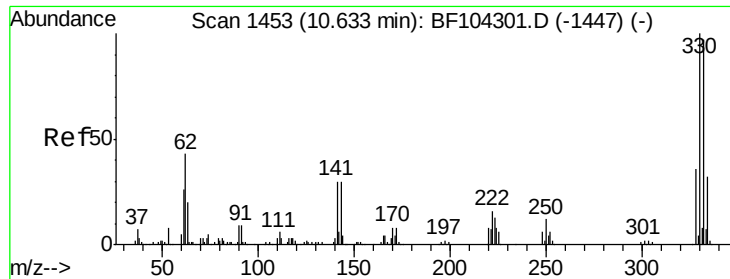
Acq: 16 Apr 2018 16:13

Tgt Ion:	237	Resp:	181115
Ion	Ratio	Lower	Upper
237	100		
235	62.6	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

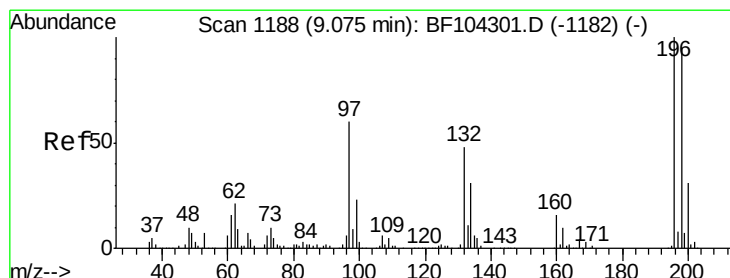
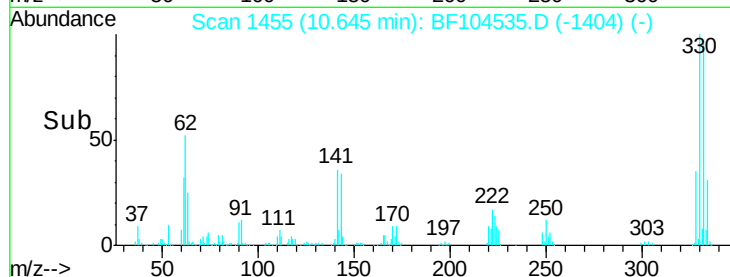
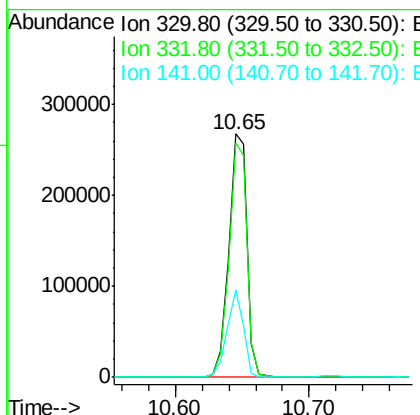
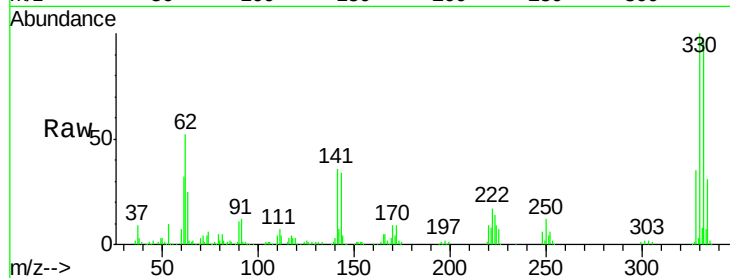




#41
 2,4,6-Tribromophenol
 Concen: 79.899 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

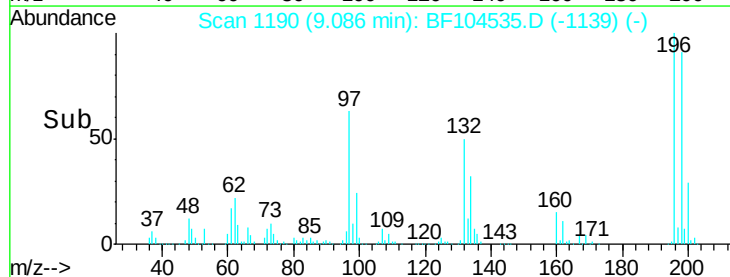
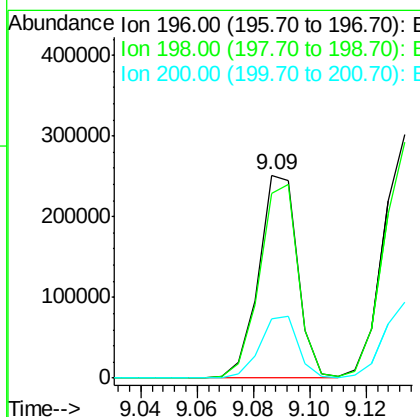
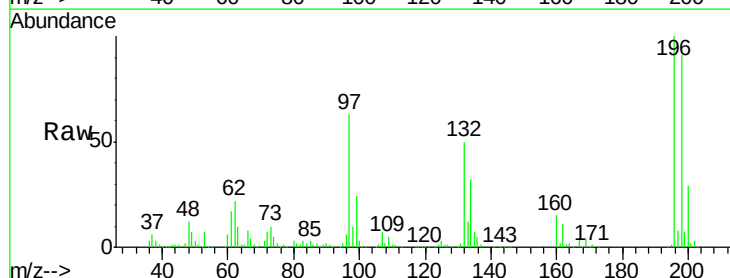
Instrument :
 BNA_F
 ClientSampleId :

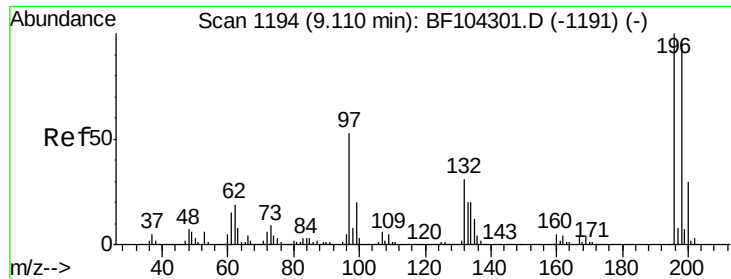
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.926 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	75.7	113.5
200	29.1	24.5	36.7

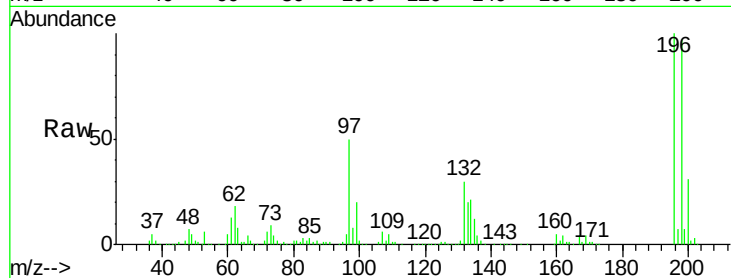




#43
 2,4,5-Trichlorophenol
 Concen: 38.946 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	50.5	42.9	64.3
132	30.5	26.3	39.5



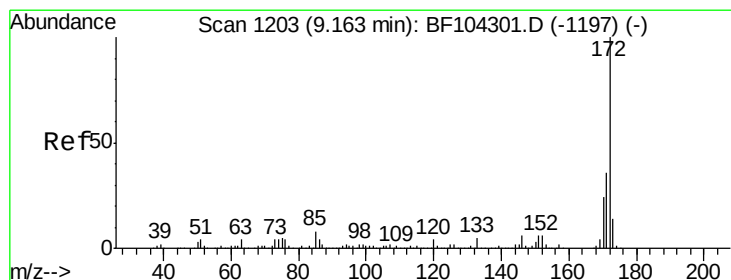
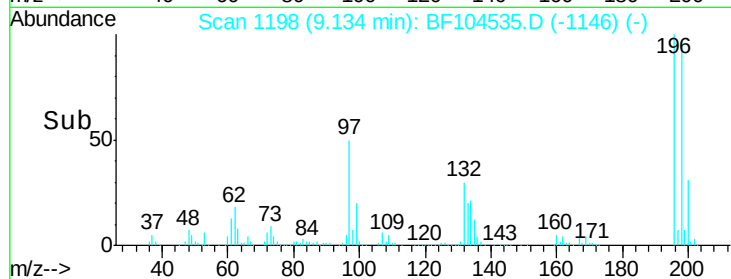
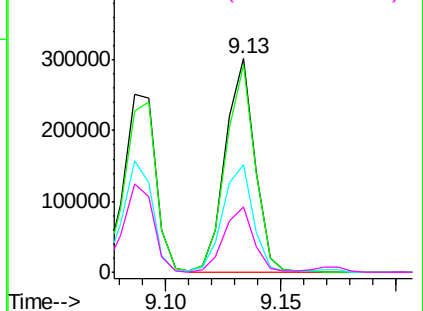
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

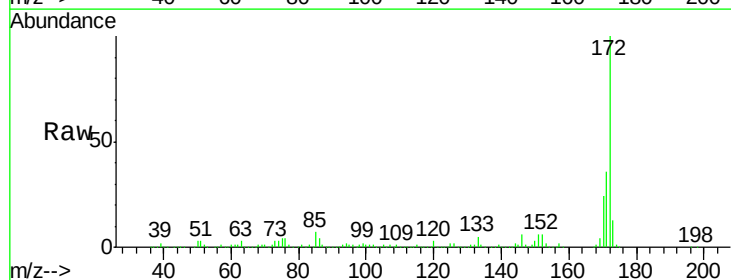
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.532 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

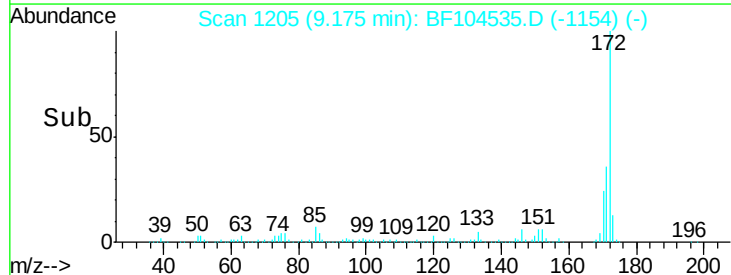
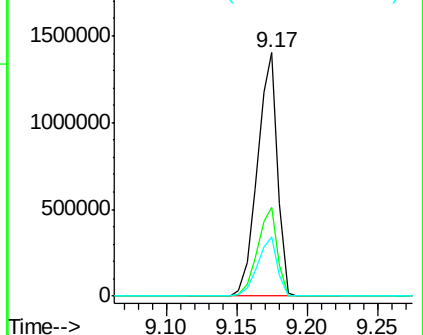


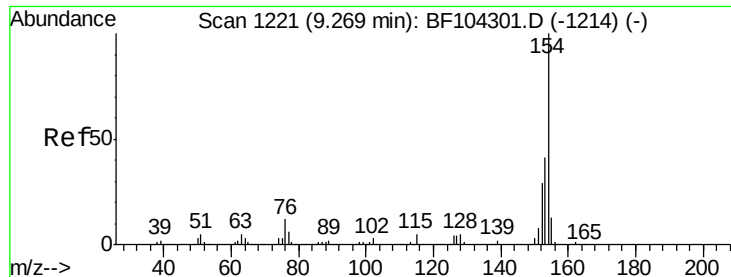
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.956 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

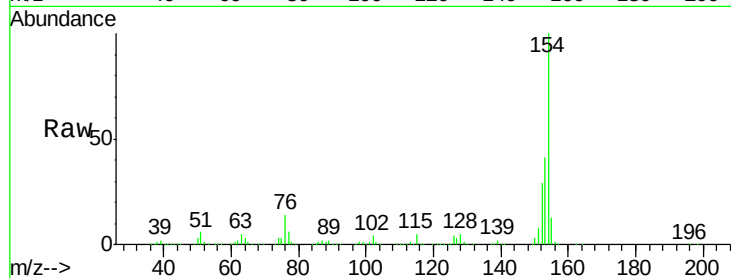
Tot Ion:154 Resp: 961793

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

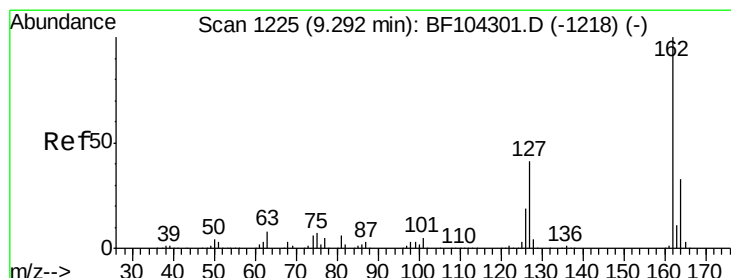
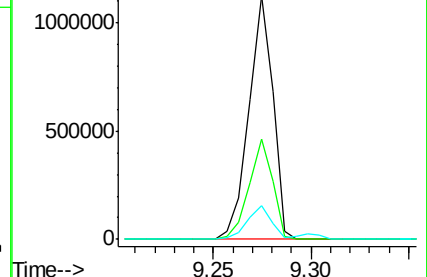
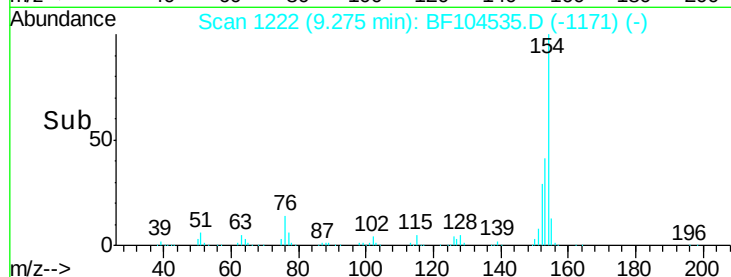
76 13.9 0.0 34.0



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: 37.164 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

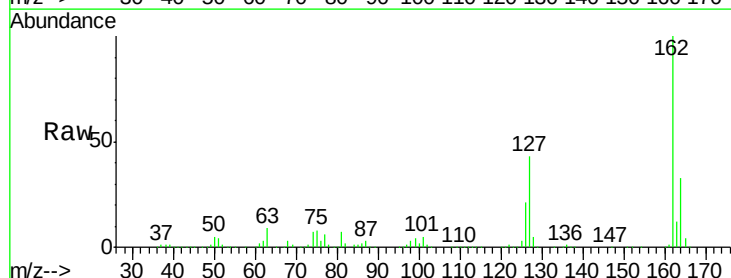
Tgt Ion:162 Resp: 763962

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

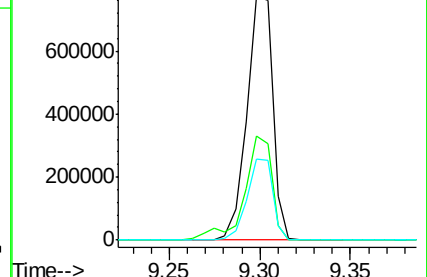
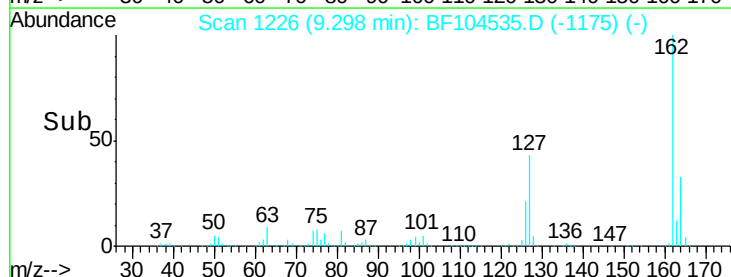
164 33.2 26.5 39.7

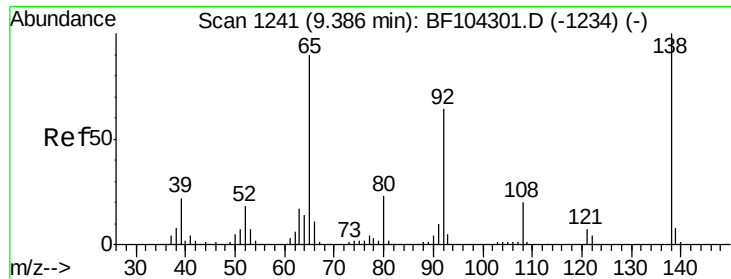


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

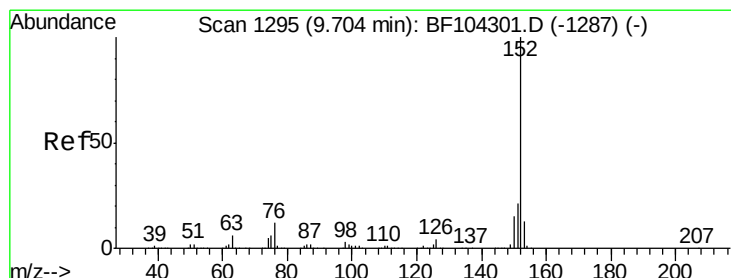
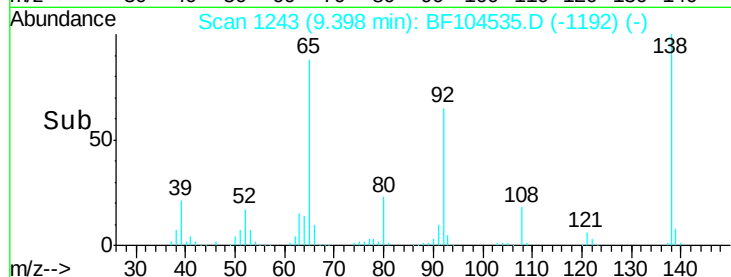
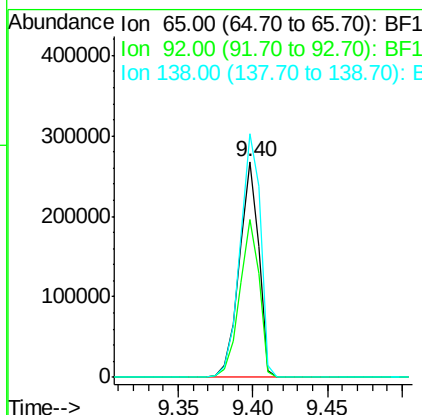
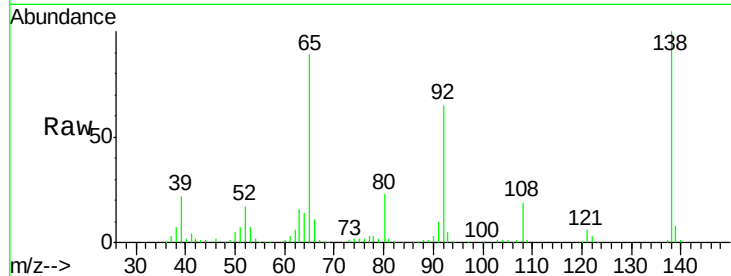




#47
 2-Nitroaniline
 Concen: 48.037 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

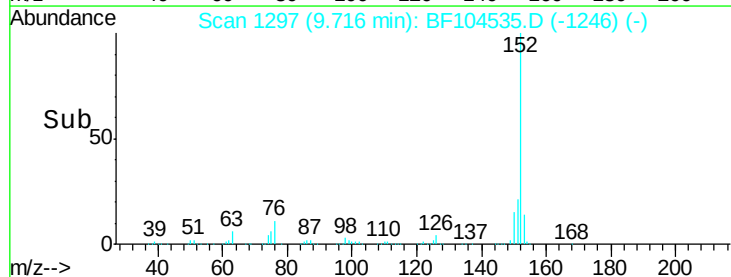
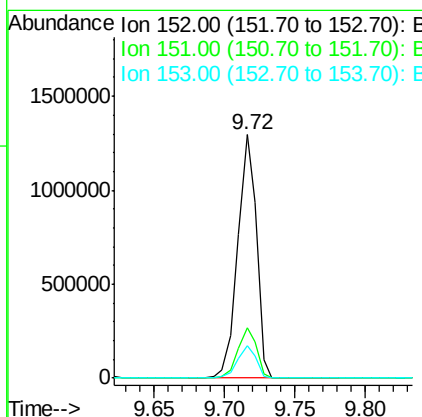
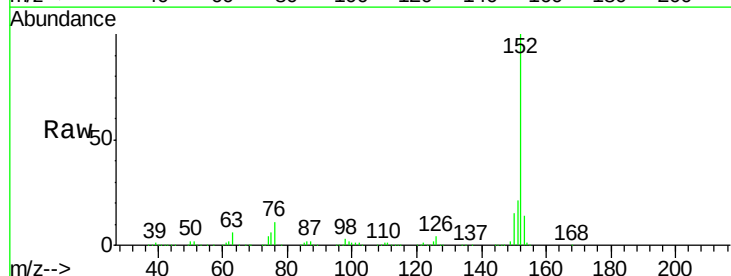
Instrument :
 BNA_F
 ClientSampleId :

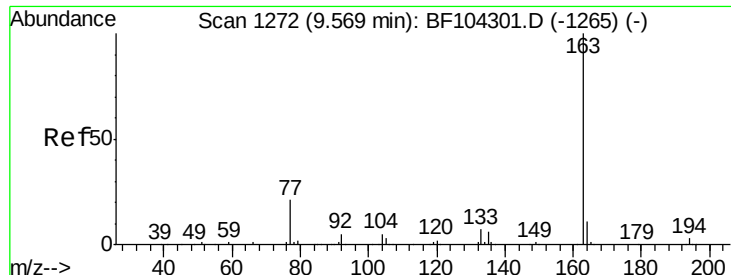
Tot Ion: 65 Resp: 244203
 Ion Ratio Lower Upper
 65 100
 92 73.3 55.8 83.6
 138 113.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.959 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:152 Resp: 1192038
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.5 10.7 16.1

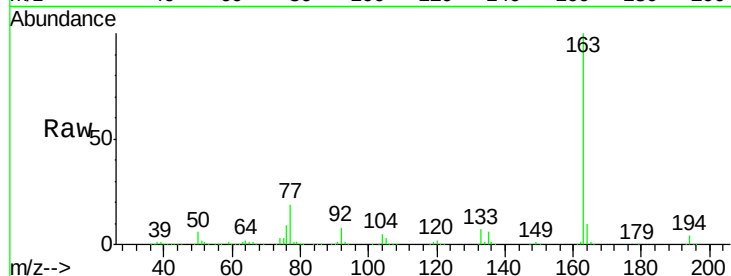




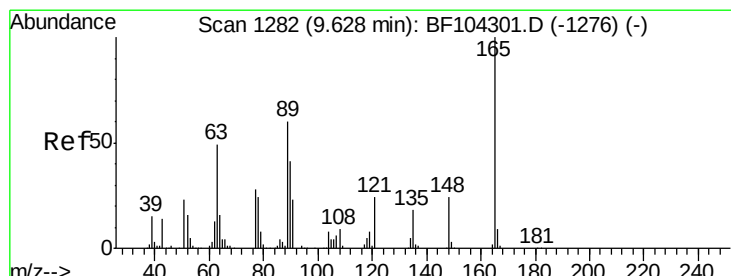
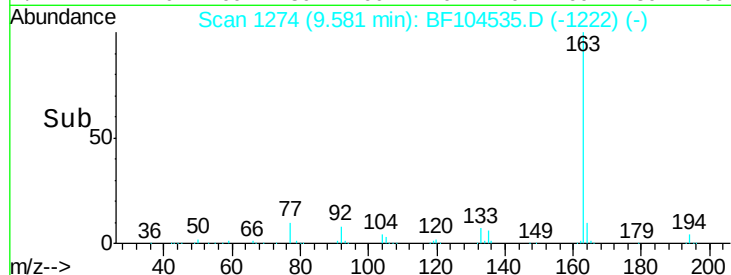
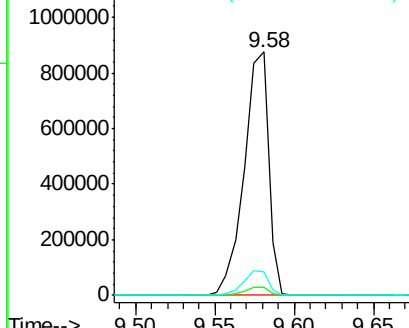
#49
Dimethylphthalate
Concen: 38.329 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 936388
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

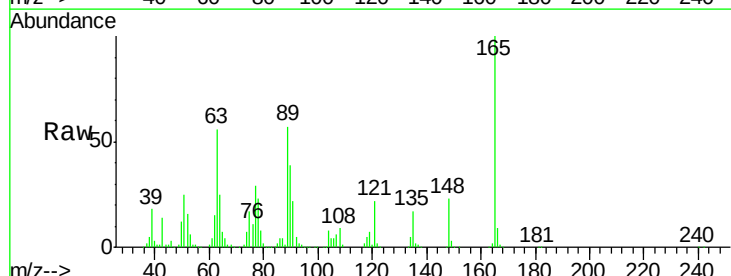


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

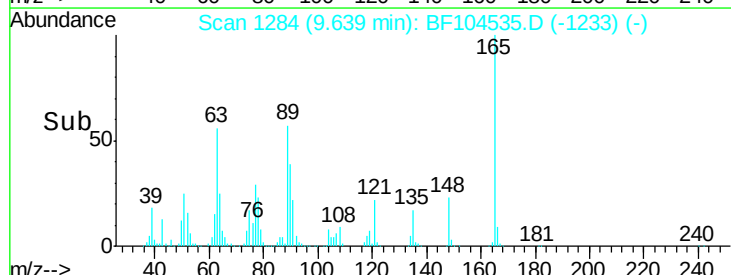
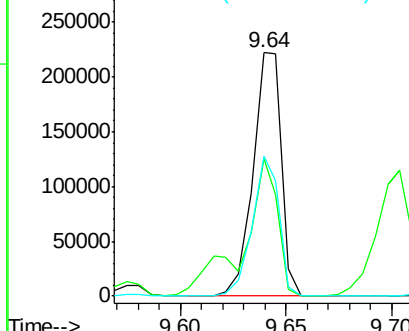


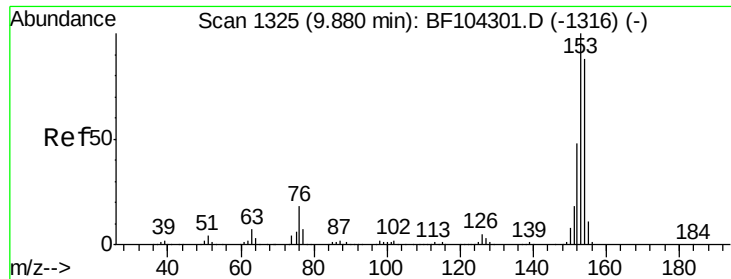
#50
2,6-Dinitrotoluene
Concen: 45.908 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:165 Resp: 207529
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 57.3 44.0 66.0



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





#51

Acenaphthene

Concen: 35.266 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

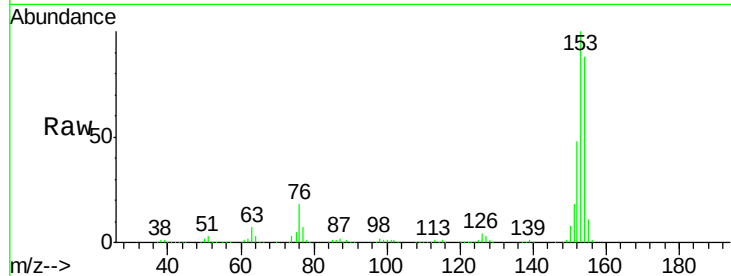
Tot Ion:154 Resp: 693980

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

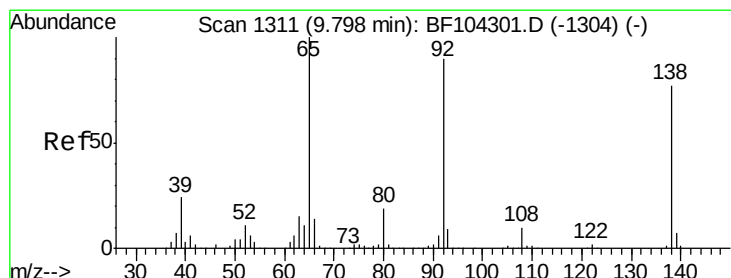
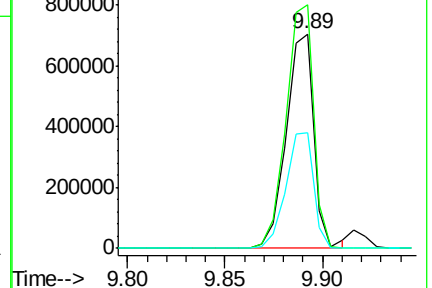
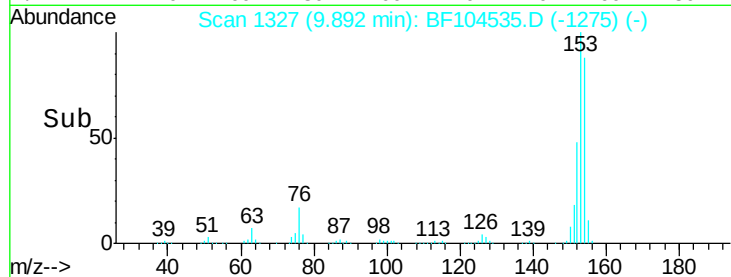
152 54.1 43.8 65.8



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: 45.758 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

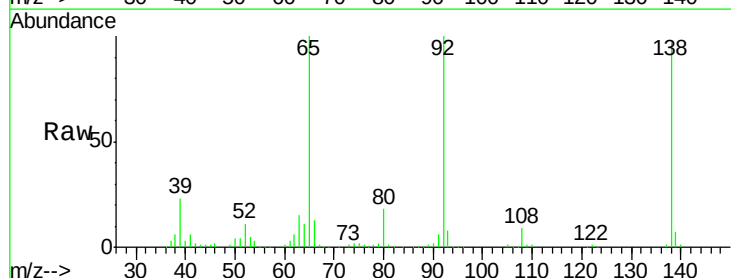
Tgt Ion:138 Resp: 242162

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

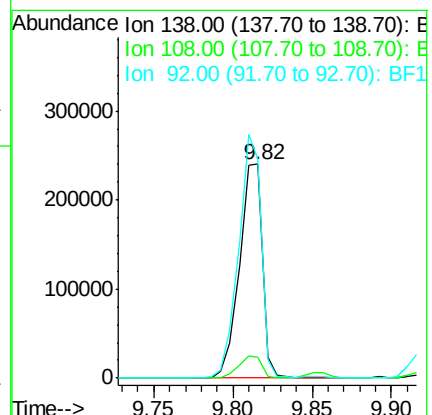
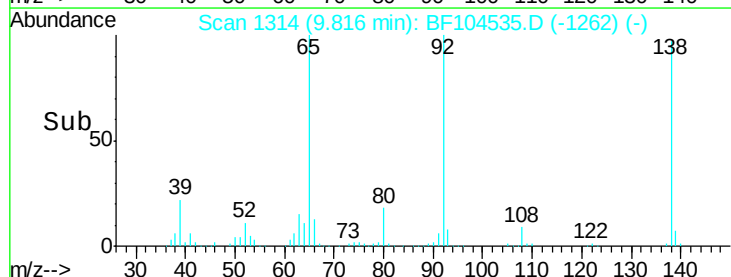
92 102.6 89.4 134.2

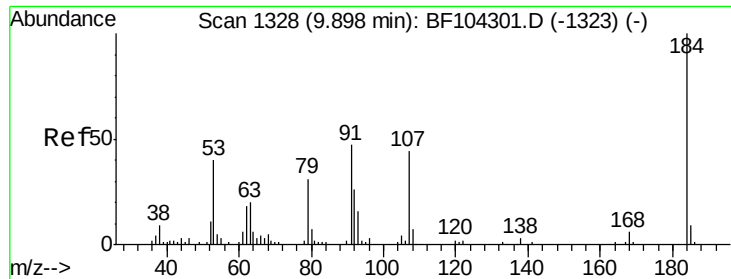


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

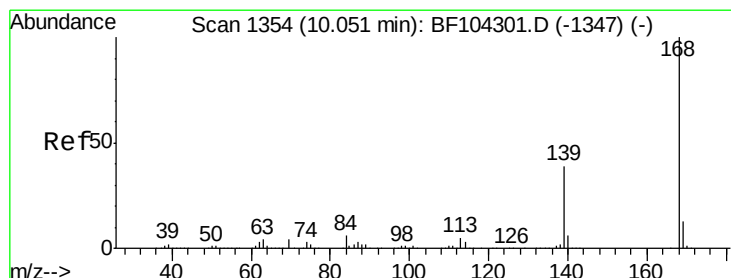
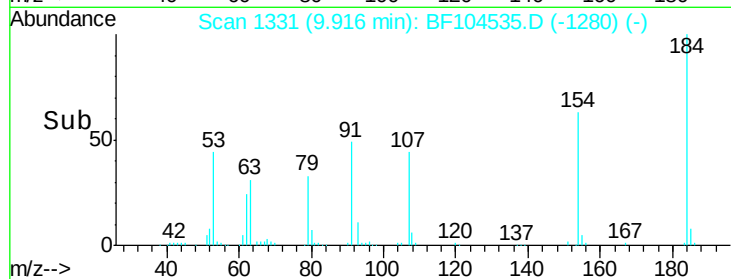
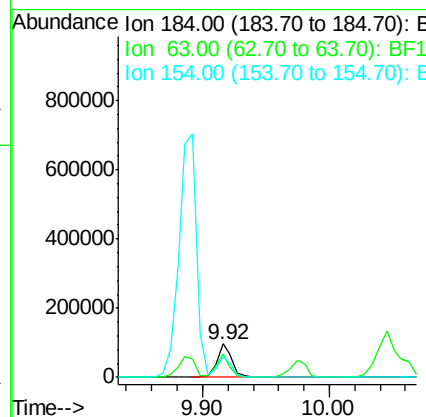
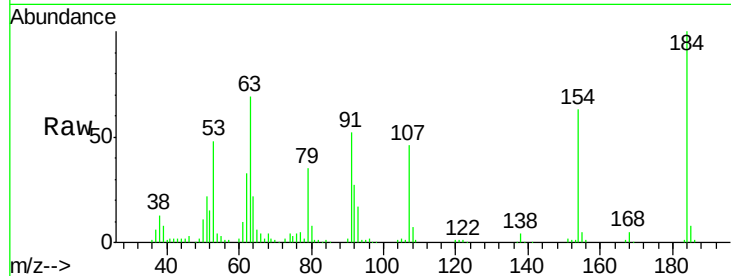




#53
 2,4-Dinitrophenol
 Concen: 53.187 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

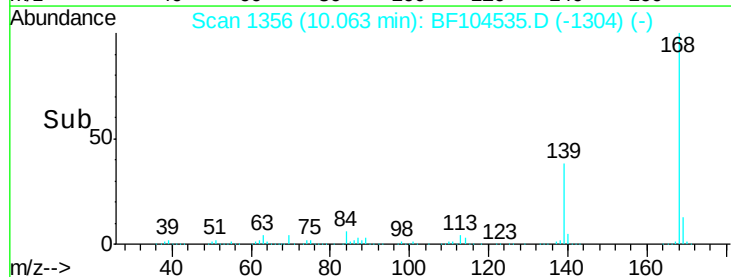
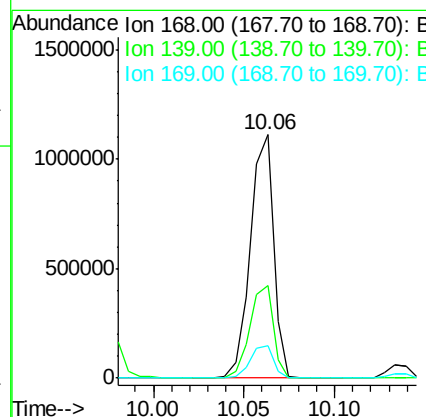
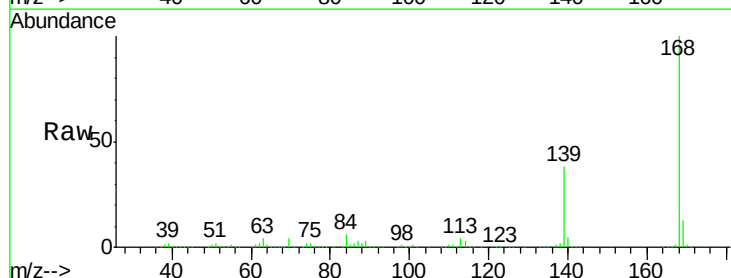
Instrument :
 BNA_F
 ClientSampled :

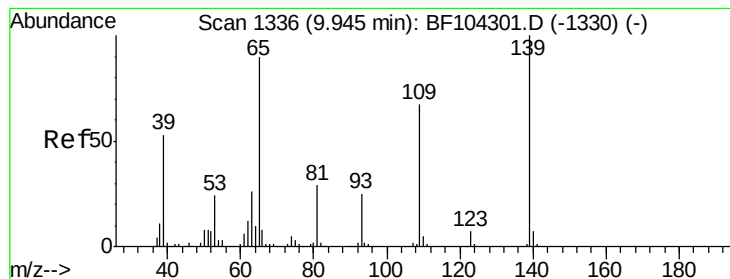
Tot Ion:184 Resp: 82704
 Ion Ratio Lower Upper
 184 100
 63 68.8 54.2 81.2
 154 63.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.178 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:168 Resp: 992138
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.1 45.1
 169 13.1 10.9 16.3





#55

4-Nitrophenol

Concen: 43.405 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampled :

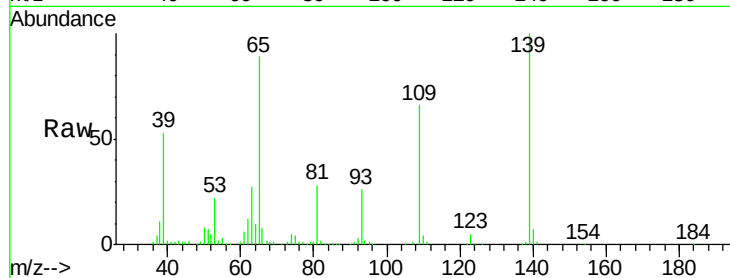
Tot Ion:139 Resp: 180440

Ion Ratio Lower Upper

139 100

109 66.1 48.4 88.4

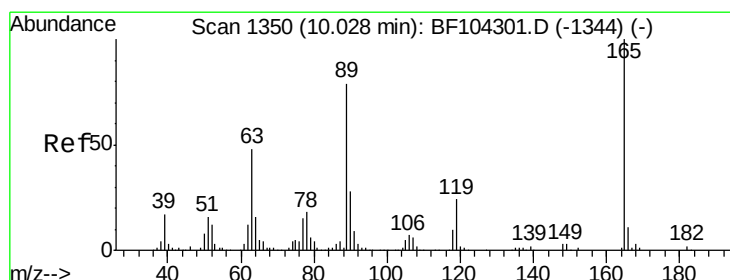
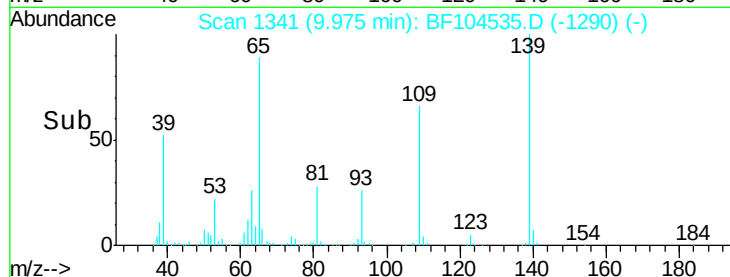
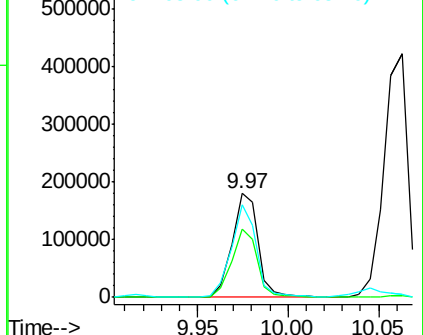
65 89.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 46.515 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:165 Resp: 275815

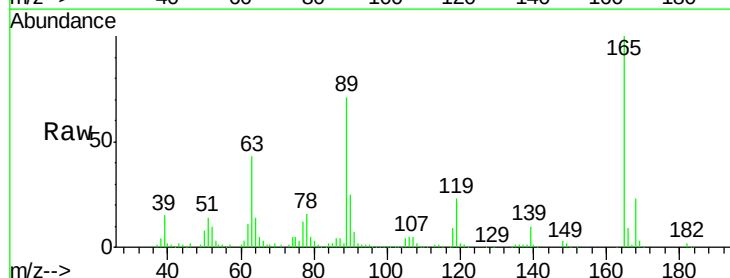
Ion Ratio Lower Upper

165 100

63 42.9 36.4 54.6

89 71.1 57.8 86.6

182 2.1 1.6 2.4

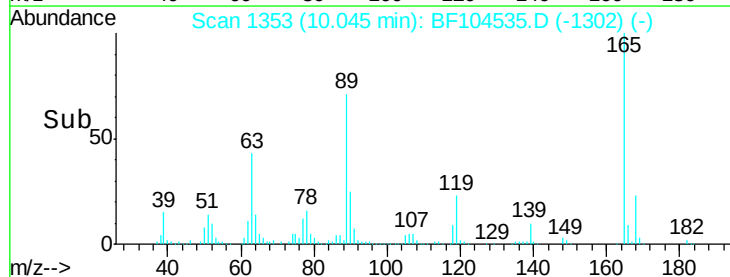
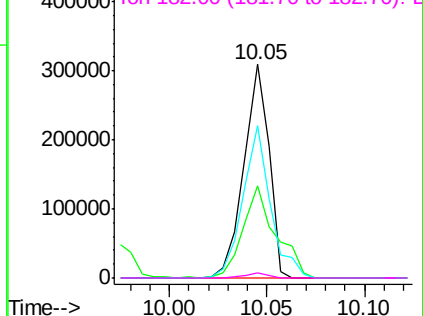


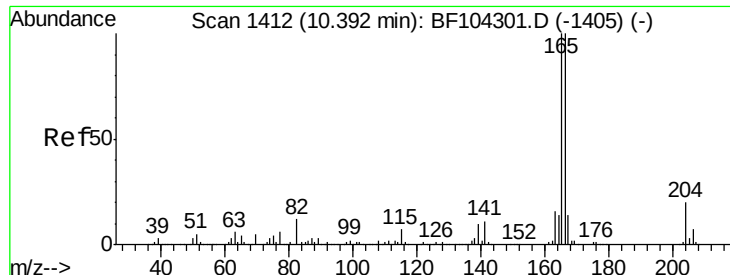
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

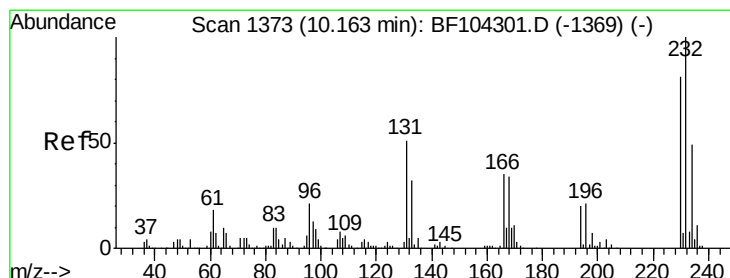
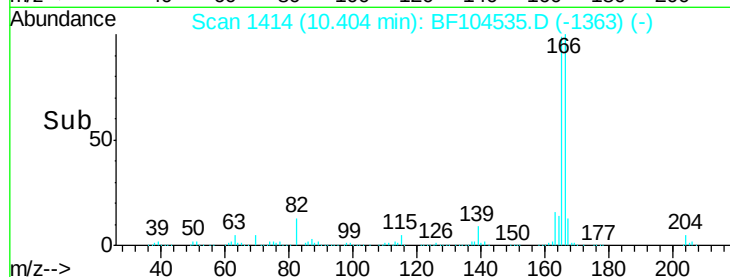
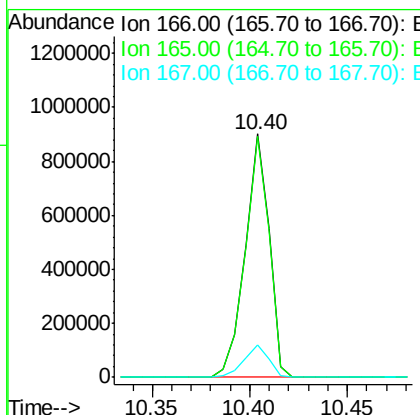
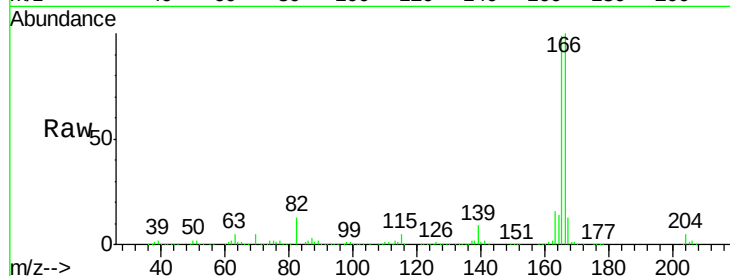




#57
 Fluorene
 Concen: 38.599 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

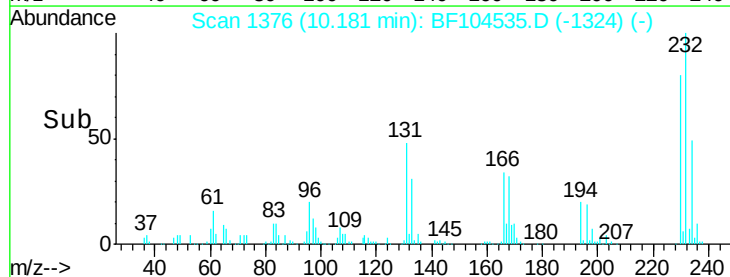
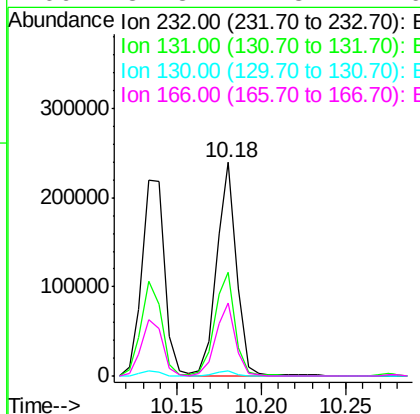
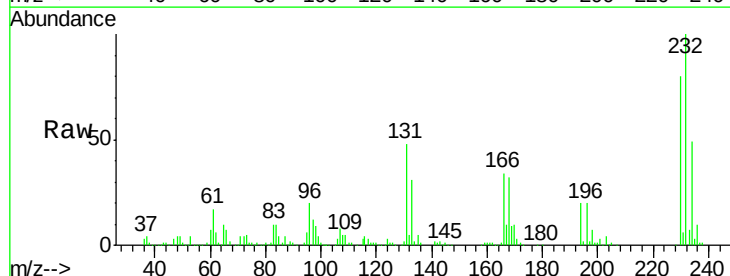
Instrument :
 BNA_F
 ClientSampleId :

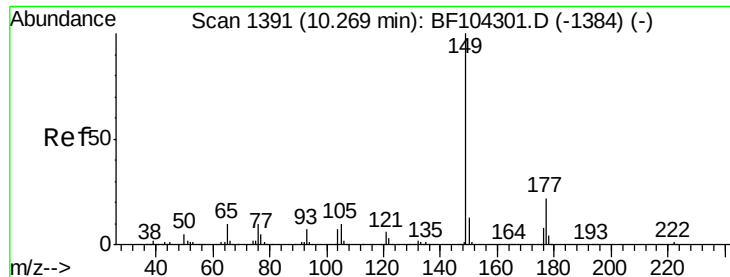
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.279 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.7	43.8	65.8
130	2.5	2.1	3.1
166	34.3	27.8	41.6

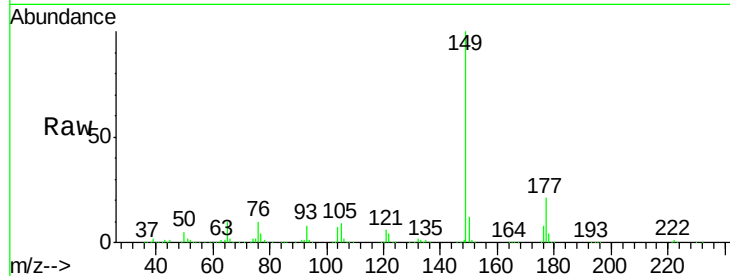




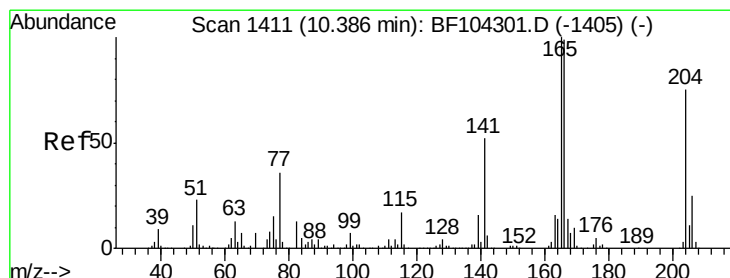
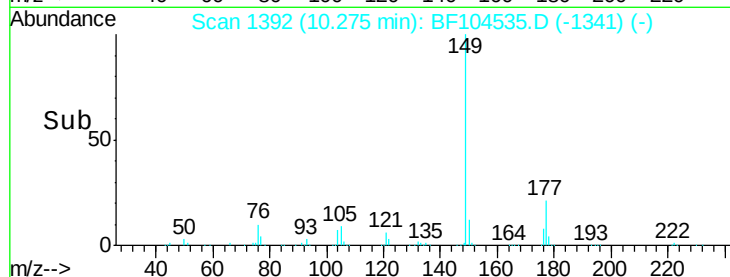
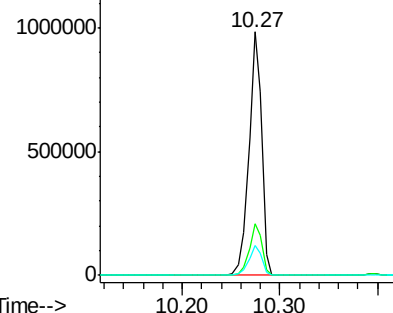
#59
Diethylphthalate
Concen: 37.782 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 919254
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1

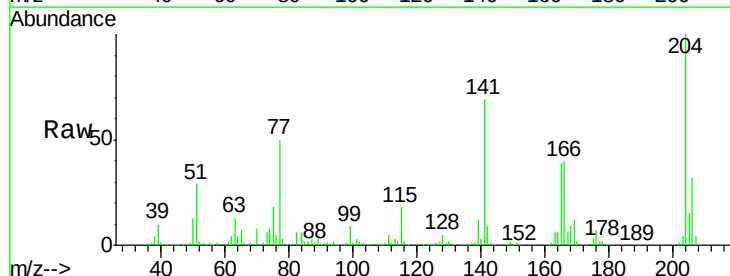


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

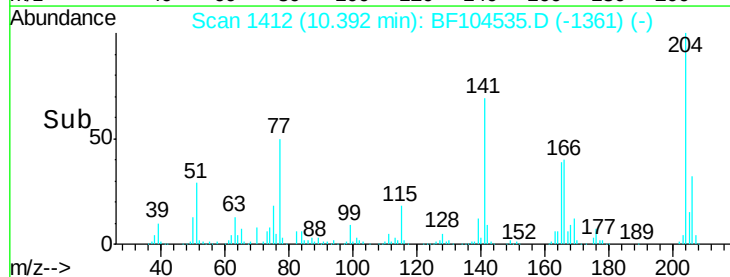
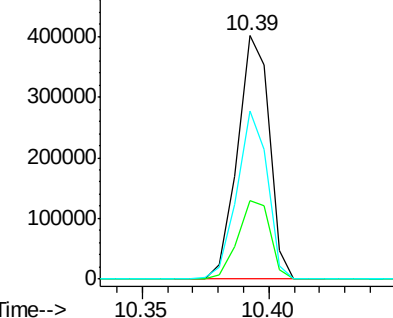


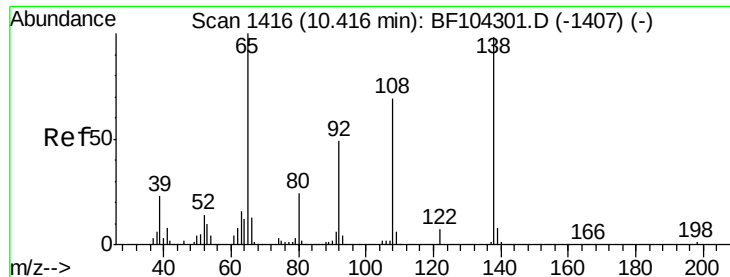
#60
4-Chlorophenyl-phenylether
Concen: 39.485 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:204 Resp: 351012
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 68.8 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

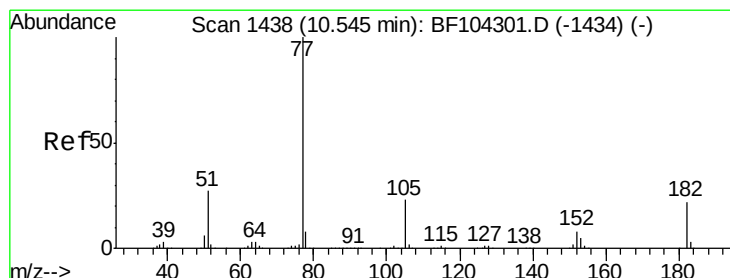
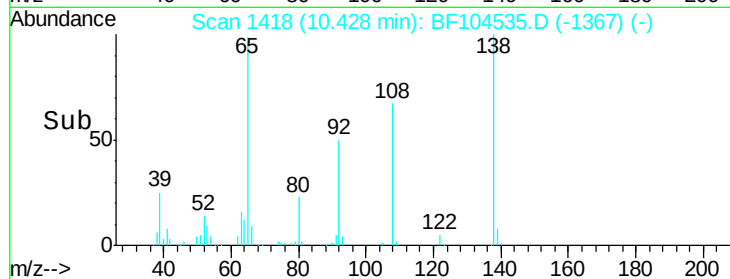
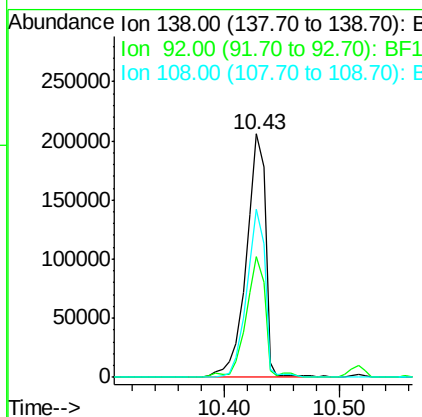
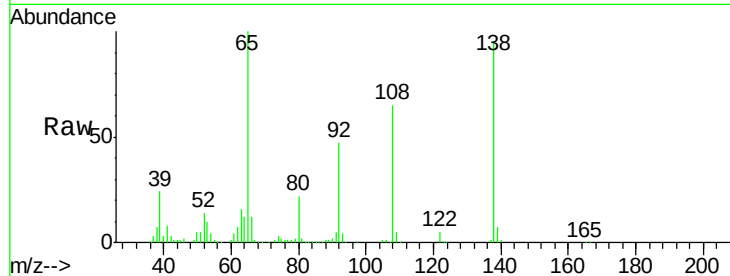




#61
4-Nitroaniline
Concen: 45.918 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

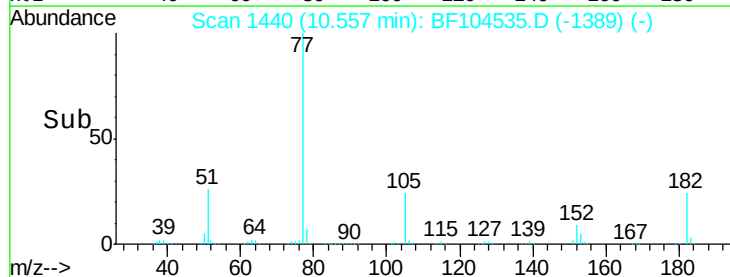
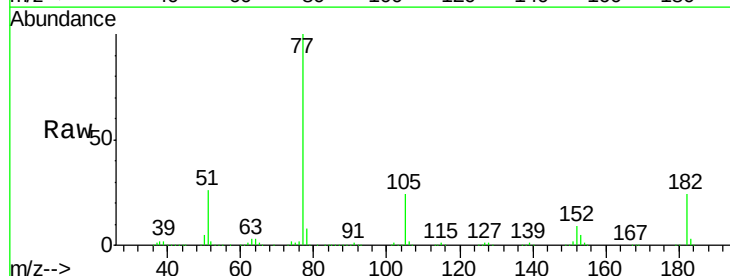
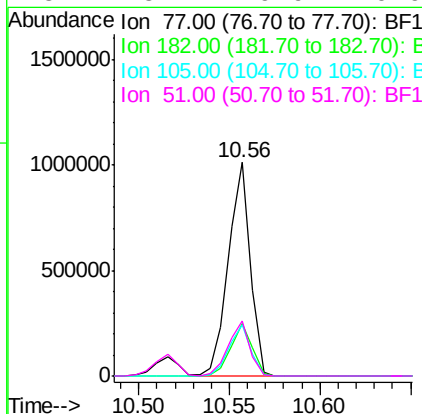
Instrument :
BNA_F
ClientSampleId :

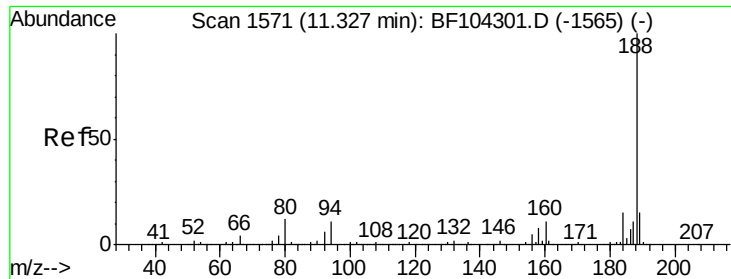
Tot Ion:138 Resp: 237606
Ion Ratio Lower Upper
138 100
92 49.6 30.2 70.2
108 69.0 52.5 92.5



#62
Azobenzene
Concen: 36.772 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion: 77 Resp: 854782
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 23.9 3.0 43.0
51 25.7 9.9 49.9

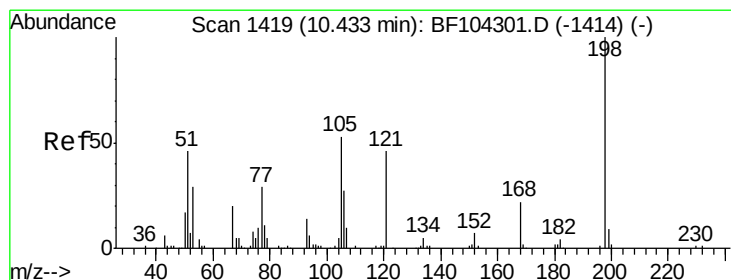
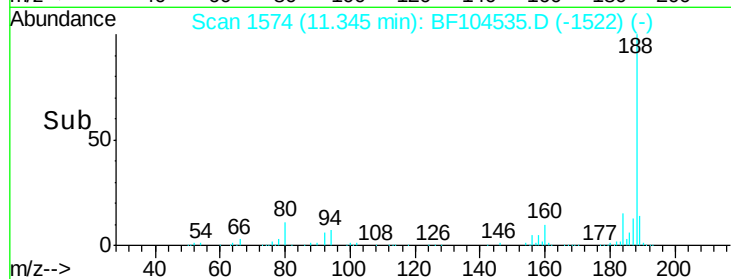
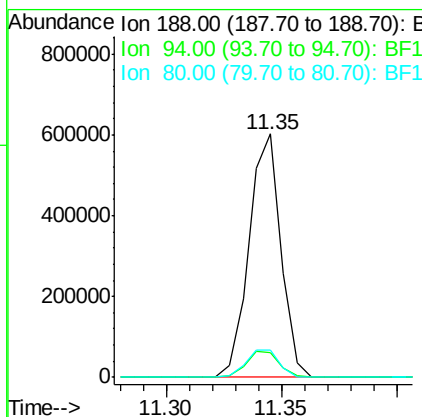
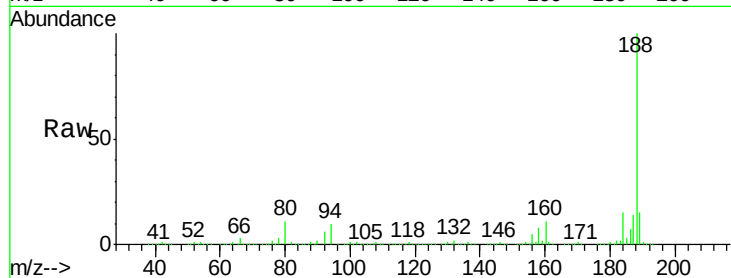




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

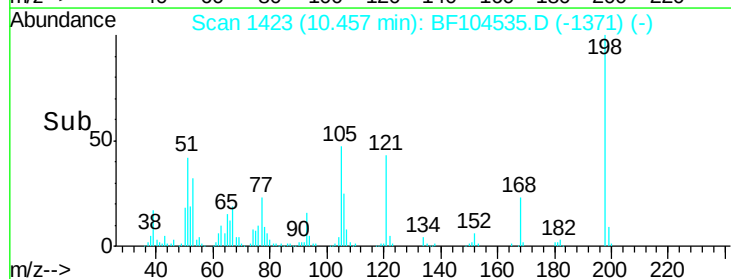
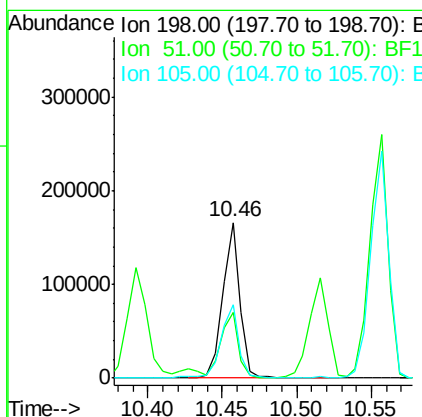
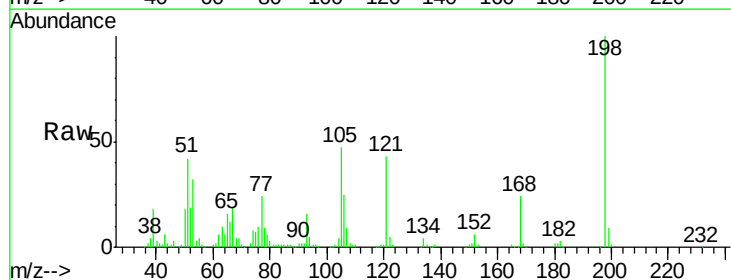
Instrument :
 BNA_F
 ClientSampleId :

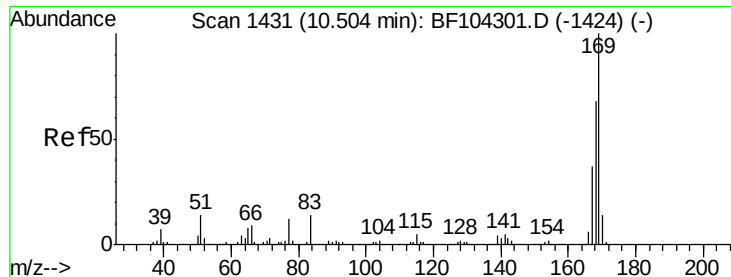
Tot Ion:188 Resp: 579496
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.757 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:198 Resp: 134660
 Ion Ratio Lower Upper
 198 100
 51 42.4 37.7 77.7
 105 47.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.651 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

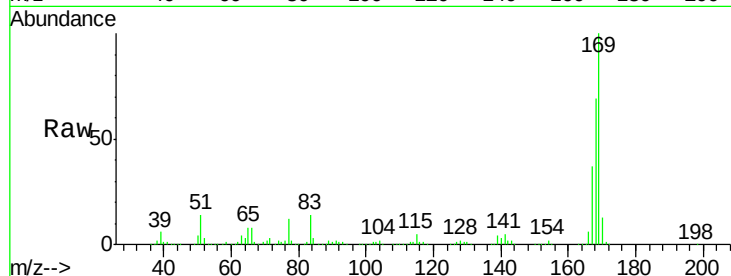
Tot Ion:169 Resp: 716329

Ion Ratio Lower Upper

169 100

168 69.2 54.4 81.6

167 37.3 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

10.52

800000

600000

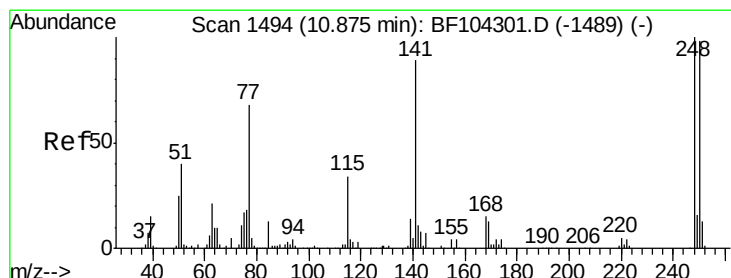
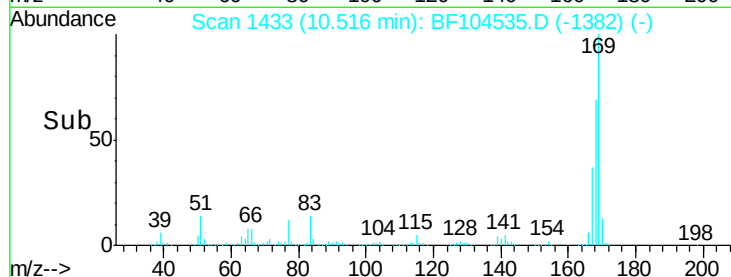
400000

200000

0

Time-->

10.45 10.50 10.55 10.60



#66

4-Bromophenyl-phenylether

Concen: 37.237 ng

RT: 10.89 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

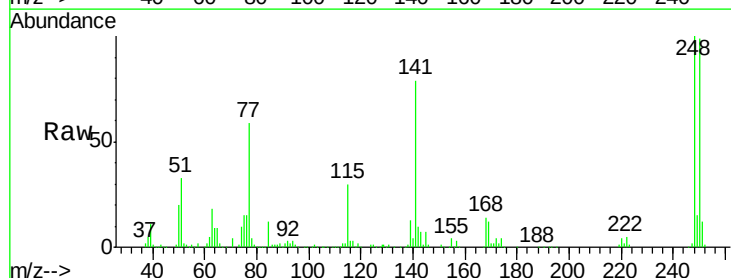
Tgt Ion:248 Resp: 229528

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

141 79.1 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

10.89

300000

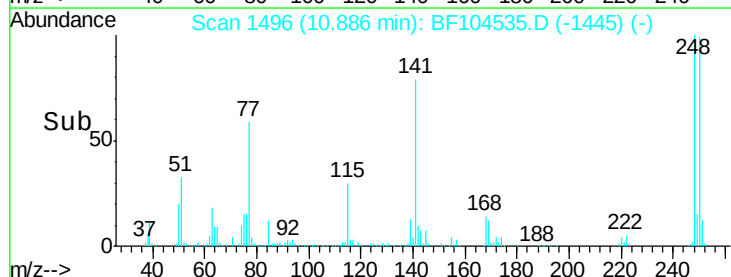
200000

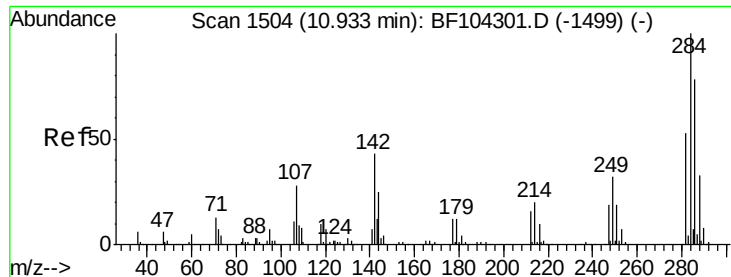
100000

0

Time-->

10.85 10.90





#67

Hexachlorobenzene

Concen: 37.530 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

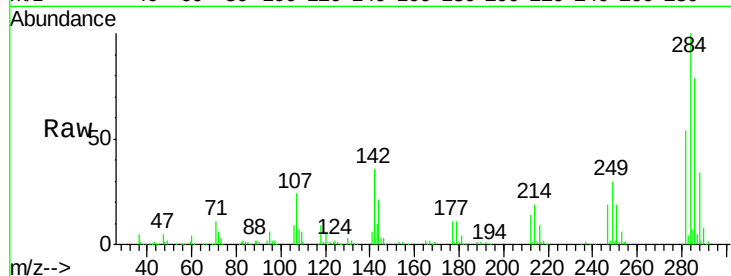
Tot Ion:284 Resp: 260298

Ion Ratio Lower Upper

284 100

142 36.4 34.6 52.0

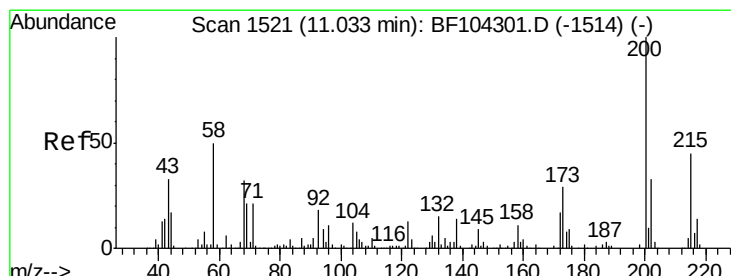
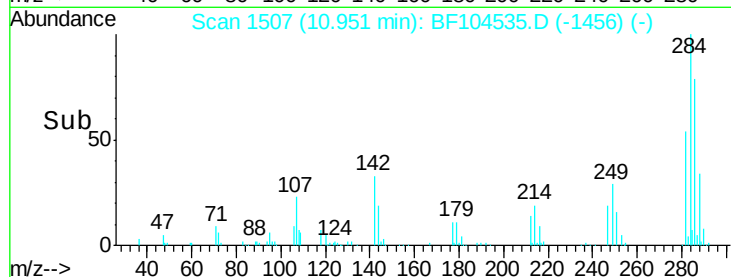
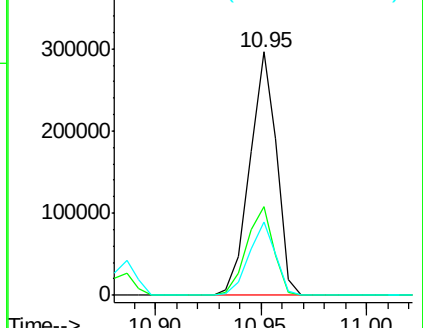
249 30.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.334 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

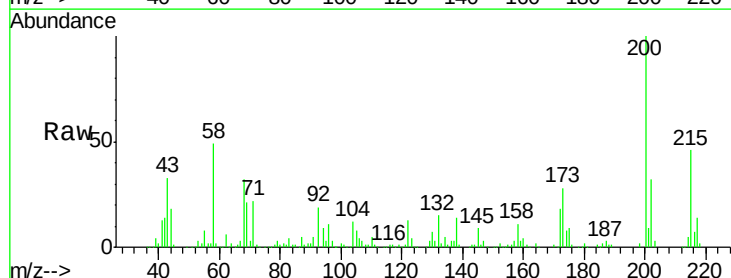
Tgt Ion:200 Resp: 226428

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

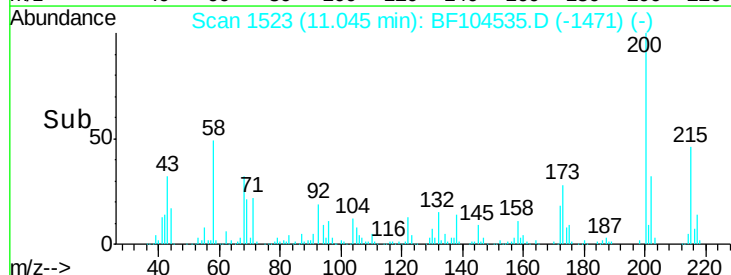
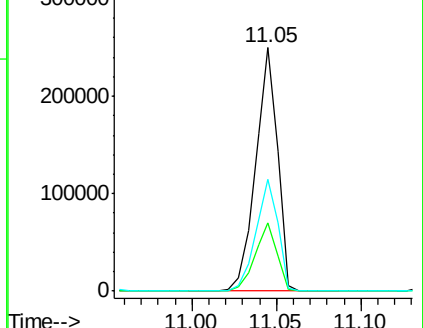
215 45.7 25.1 65.1

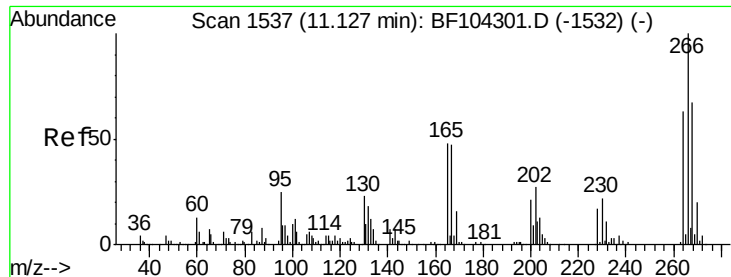


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

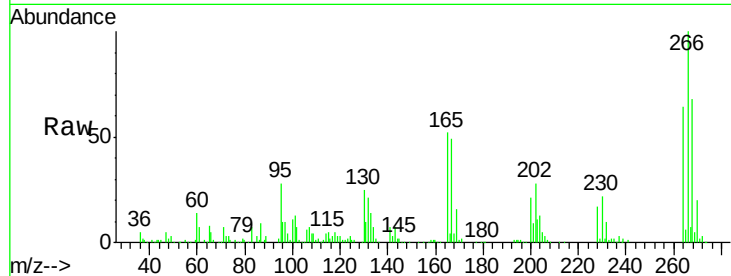




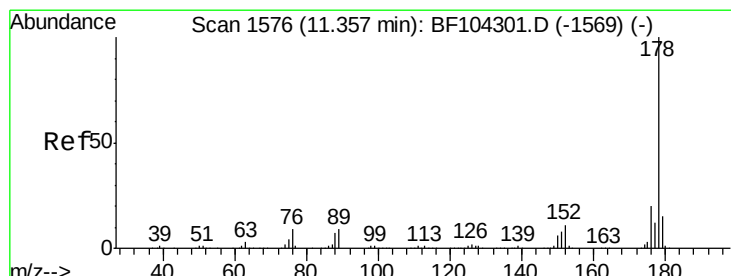
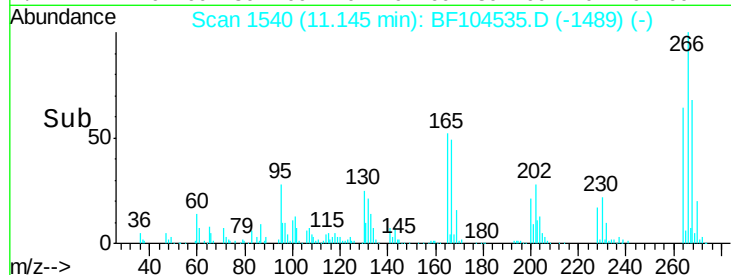
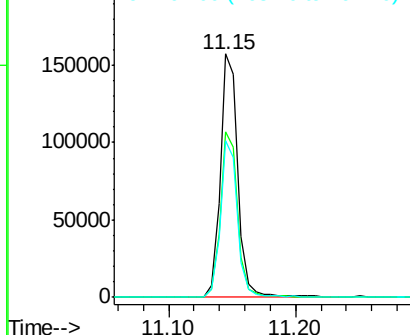
#69
 Pentachlorophenol
 Concen: 35.610 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 152795
 Ion Ratio Lower Upper
 266 100
 268 68.2 51.1 76.7
 264 64.3 49.5 74.3

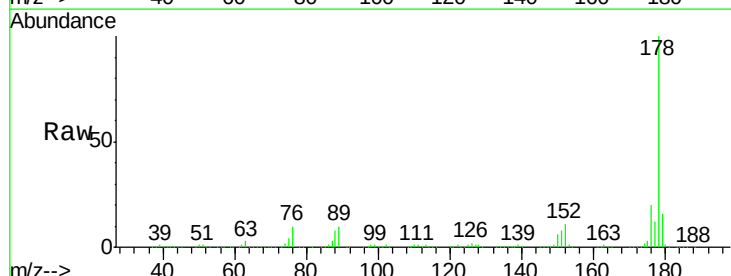


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

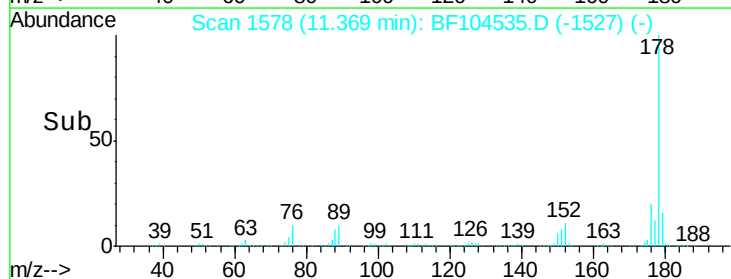
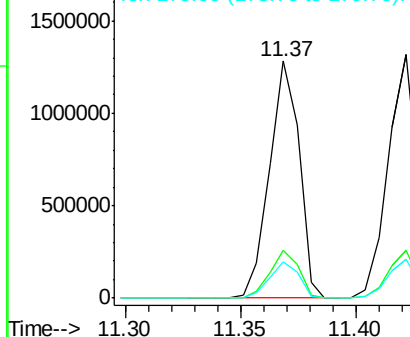


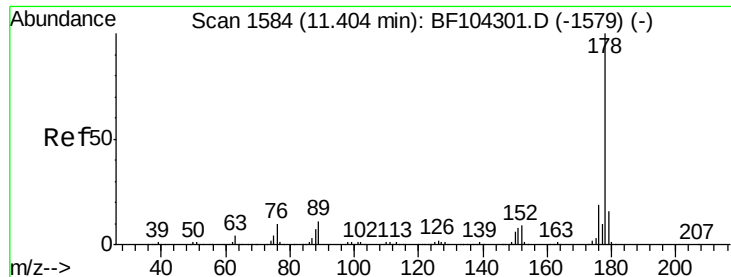
#70
 Phenanthrene
 Concen: 35.452 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:178 Resp: 1144094
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 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

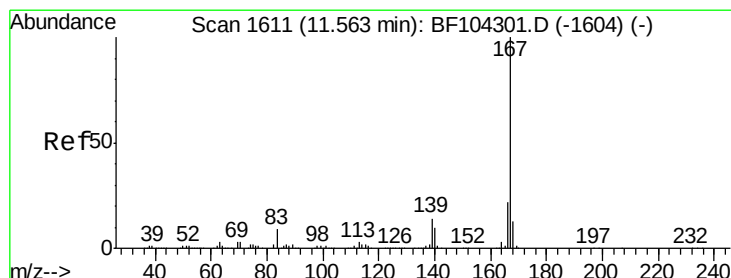
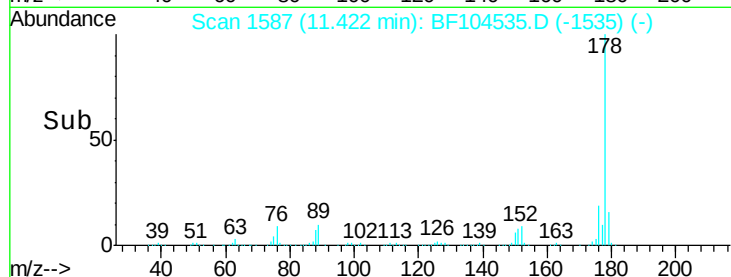
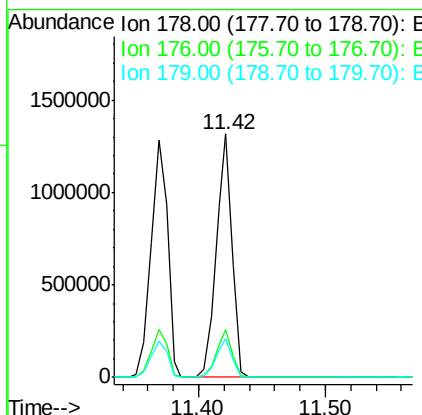
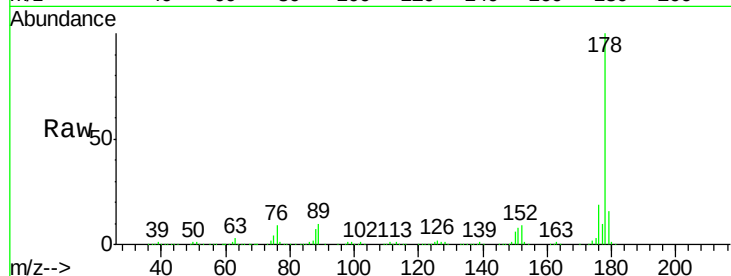




#71
 Anthracene
 Concen: 35.117 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

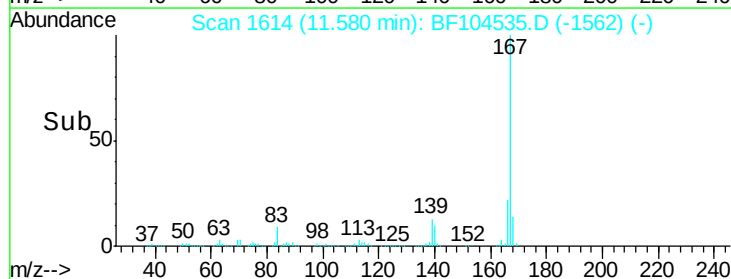
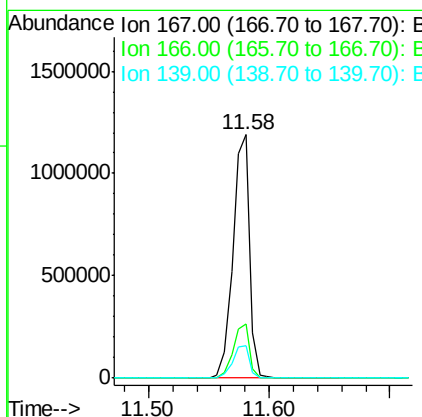
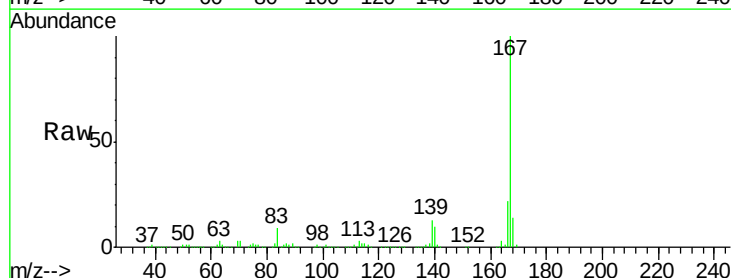
Instrument :
 BNA_F
 ClientSampleId :

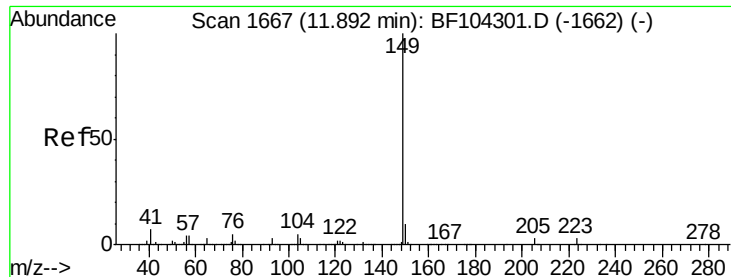
Tot Ion:178 Resp: 1152000
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 35.341 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:167 Resp: 1132894
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.407 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

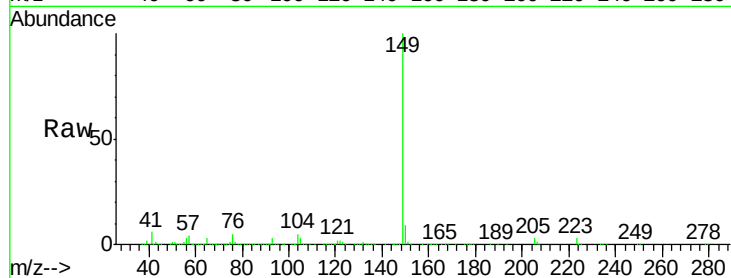
Tot Ion:149 Resp: 1425627

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

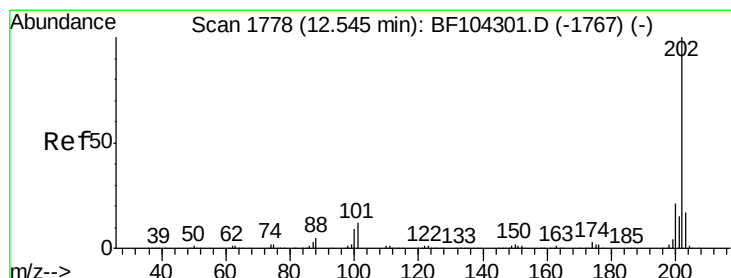
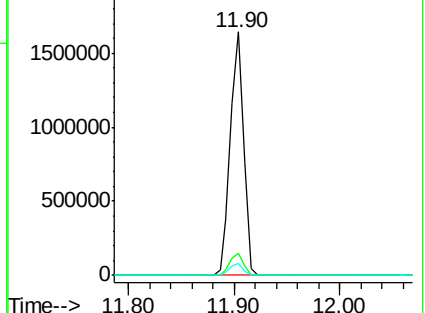
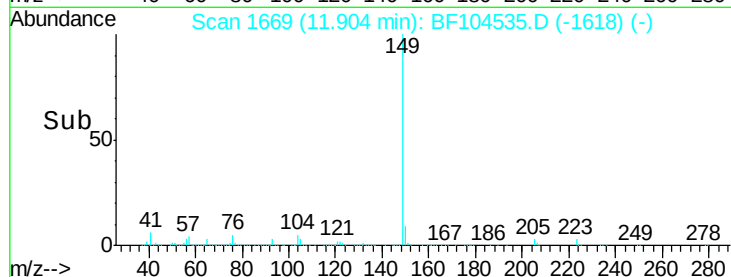
104 4.9 3.8 5.8



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: 35.475 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

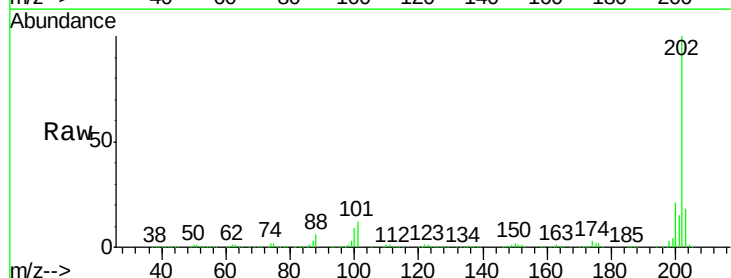
Tgt Ion:202 Resp: 1196123

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

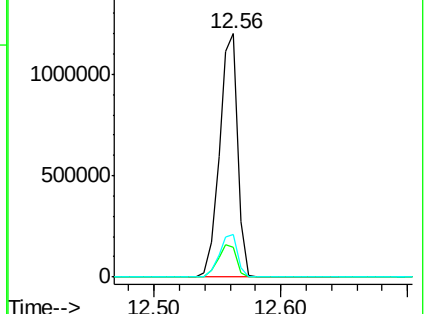
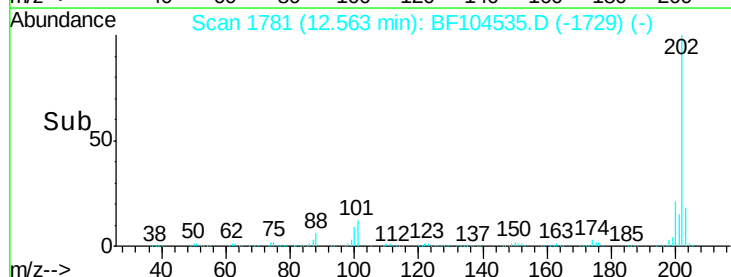
203 17.7 0.0 38.1

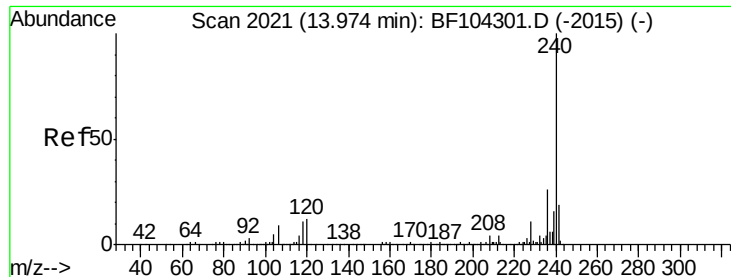


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

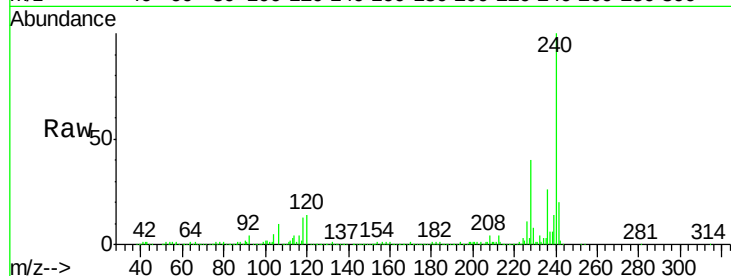
Tot Ion:240 Resp: 427010

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

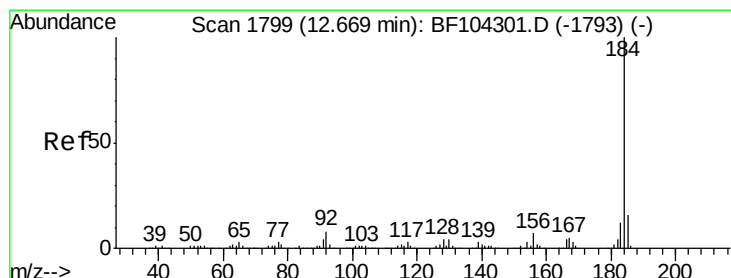
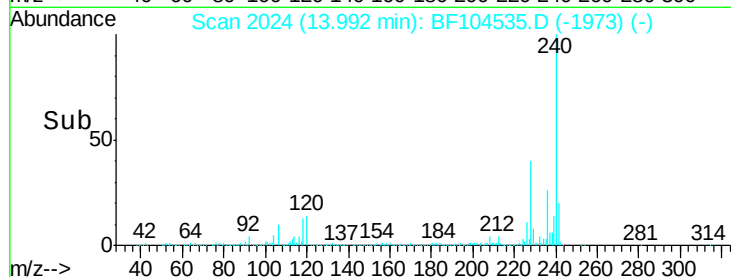
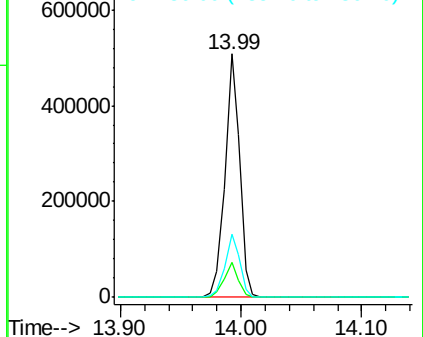
236 25.8 20.7 31.1



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: 16.786 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

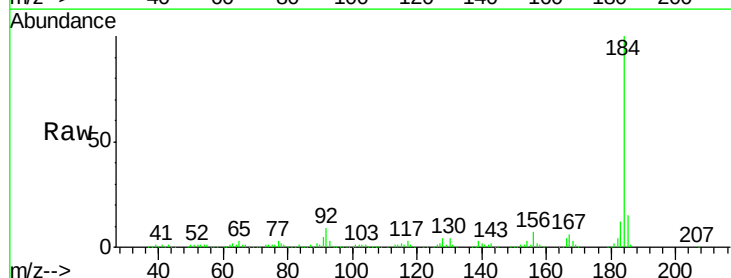
Tgt Ion:184 Resp: 302295

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

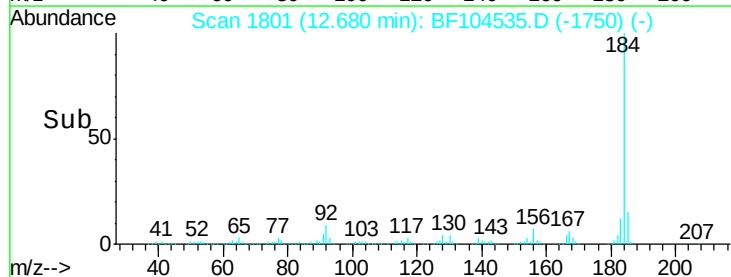
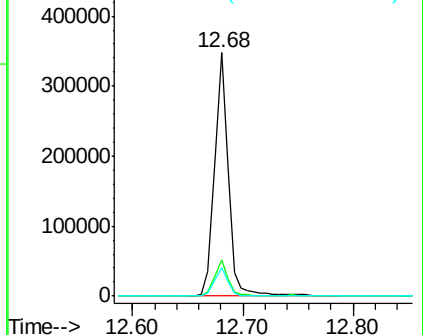
183 11.7 9.3 13.9

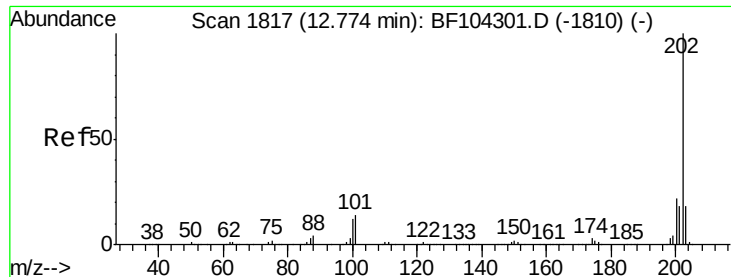


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



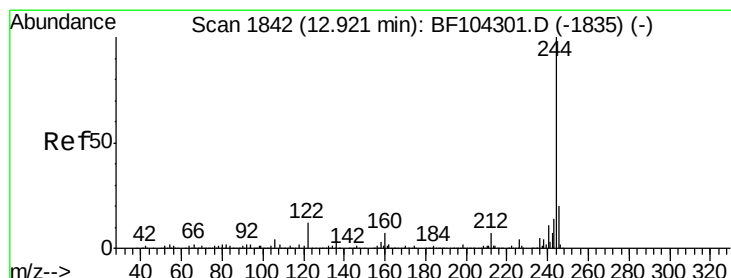
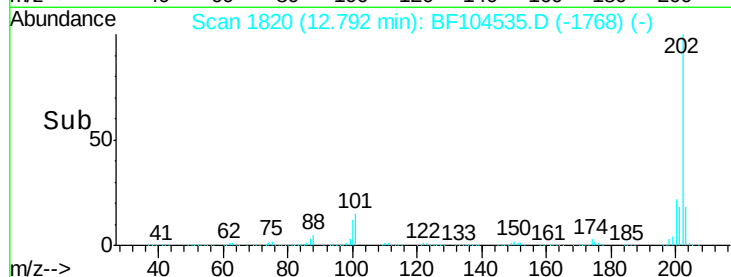
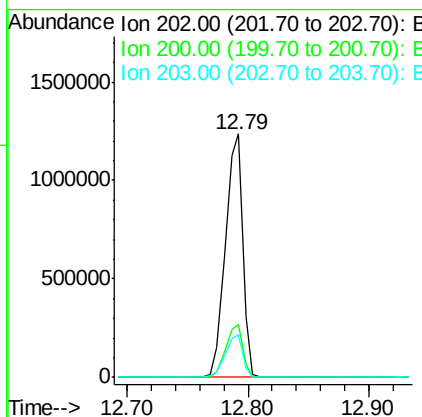
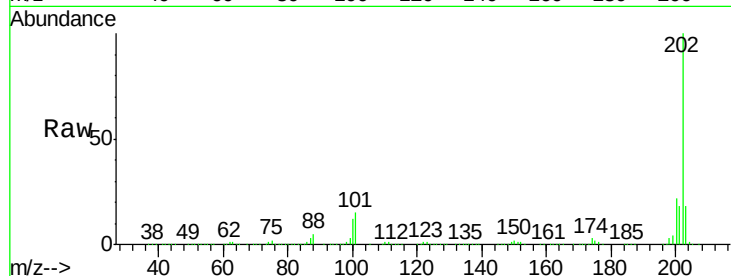


#77
 Pvrene
 Concen: 38.621 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1222420

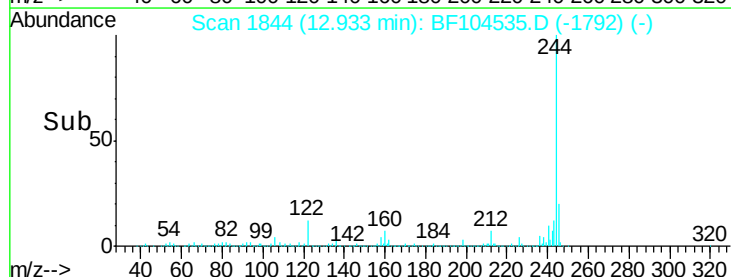
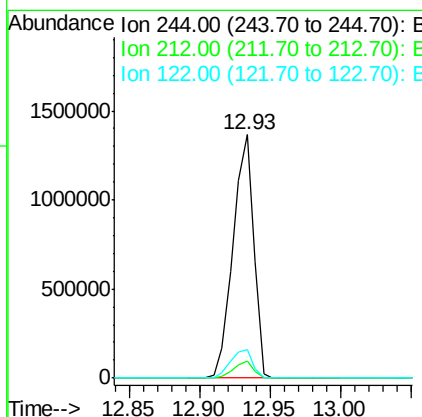
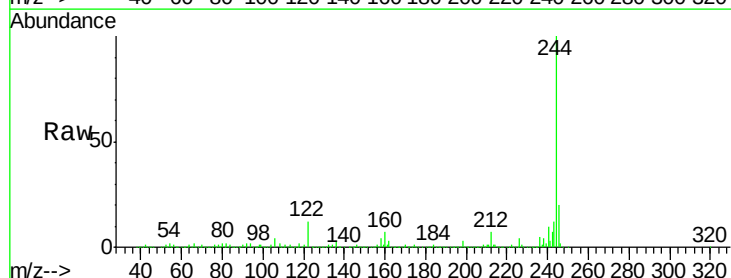
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

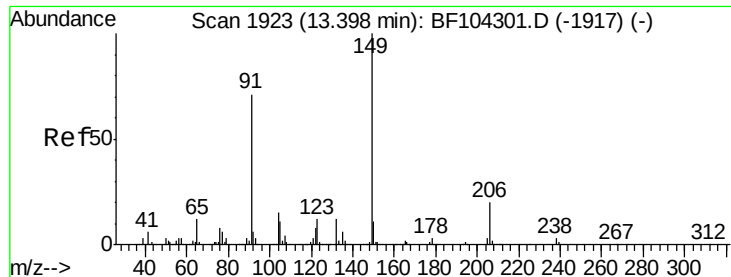


#78
 Terphenyl-d14
 Concen: 74.565 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:244 Resp: 1396594

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4

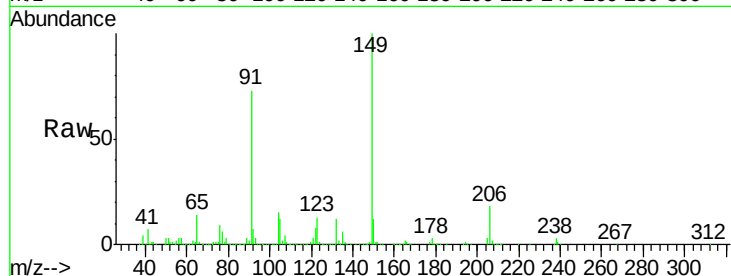




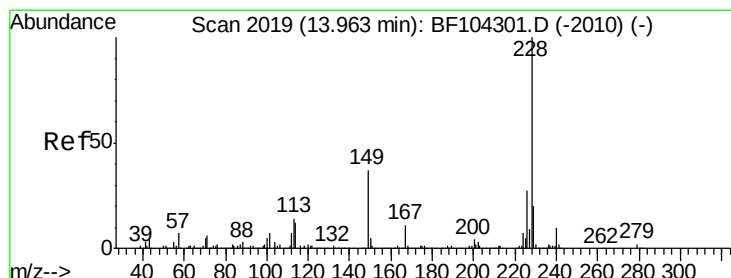
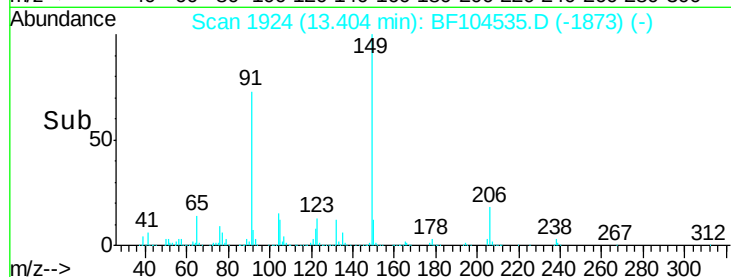
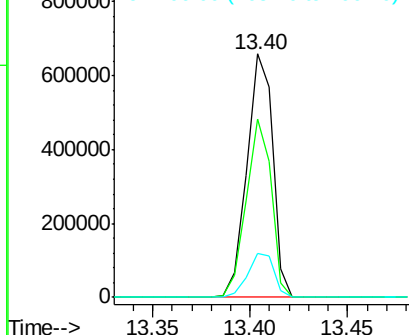
#79
Butylbenzylphthalate
Concen: 40.526 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	17.9	14.1	21.1

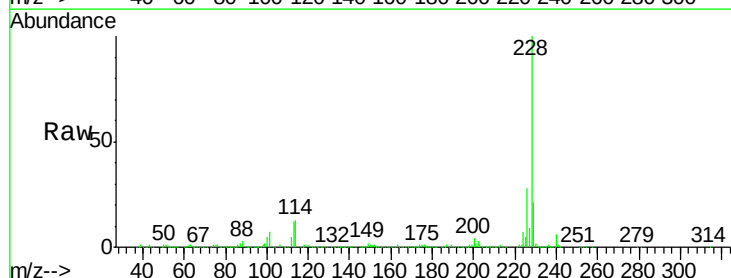


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

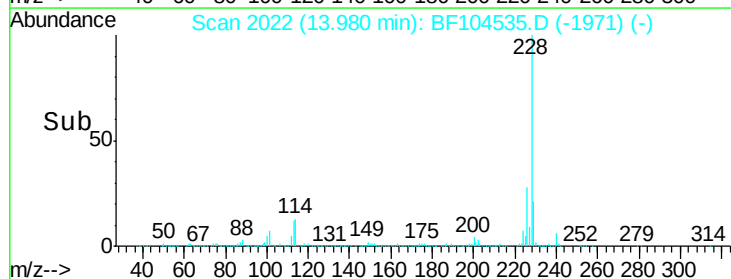
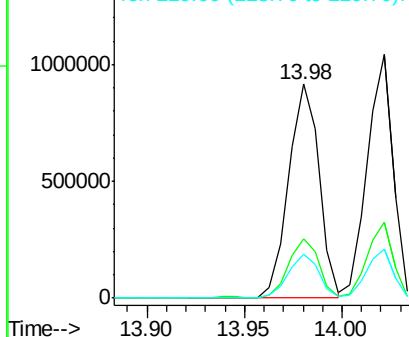


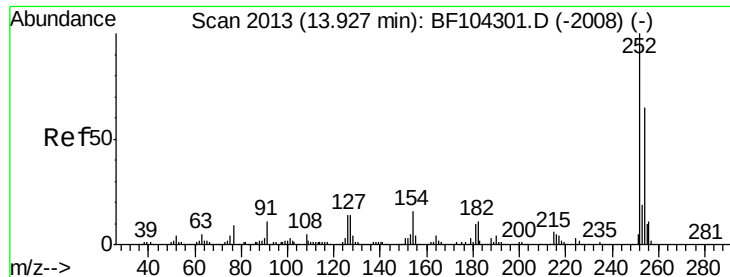
#80
Benzo(a)anthracene
Concen: 38.796 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.5	15.8	23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 34.900 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

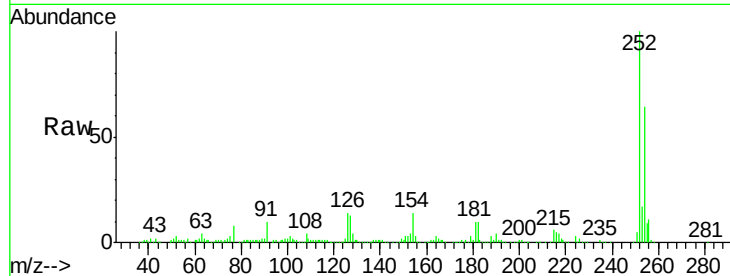
Tot Ion:252 Resp: 331956

Ion Ratio Lower Upper

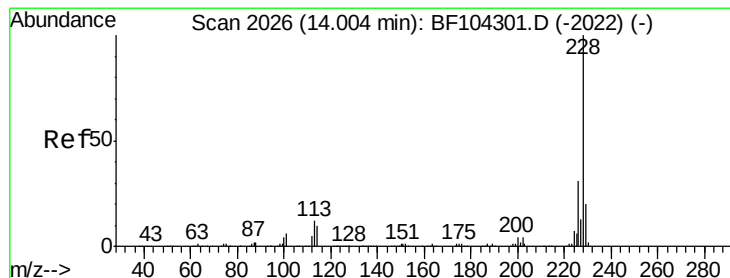
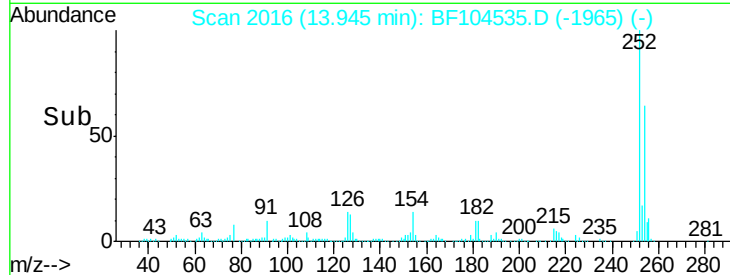
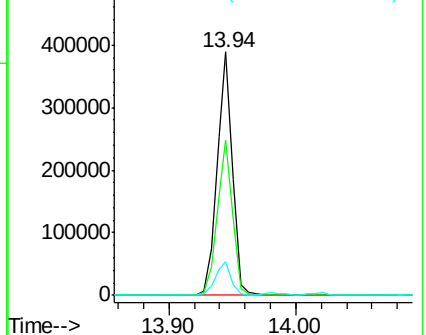
252 100

254 63.8 50.4 75.6

126 13.6 11.3 16.9



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



#82

Chrysene

Concen: 36.602 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

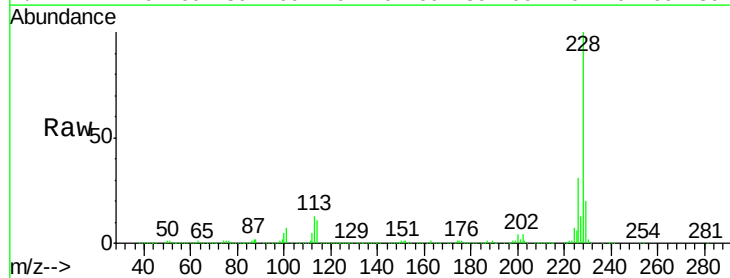
Tgt Ion:228 Resp: 959078

Ion Ratio Lower Upper

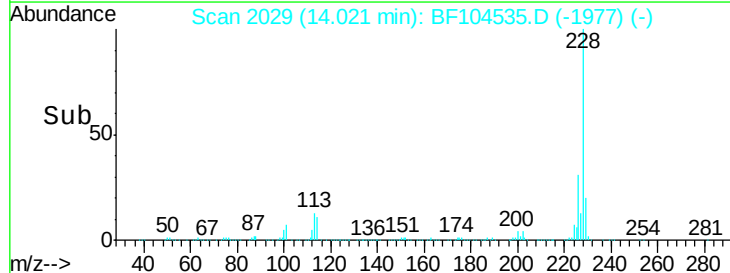
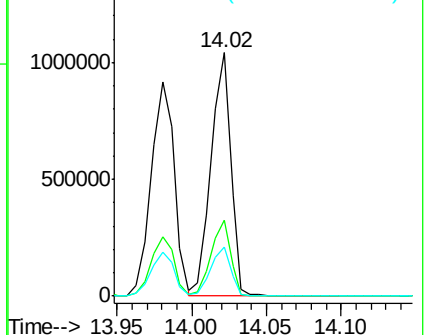
228 100

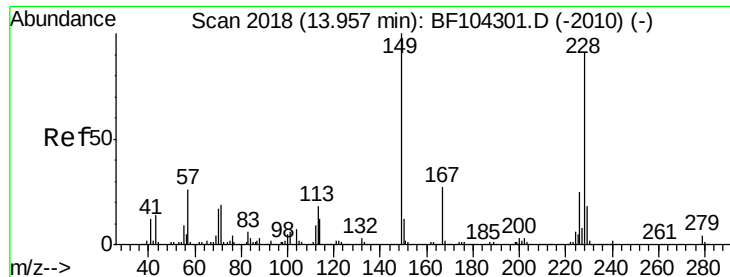
226 31.2 25.0 37.6

229 20.0 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.922 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampled :

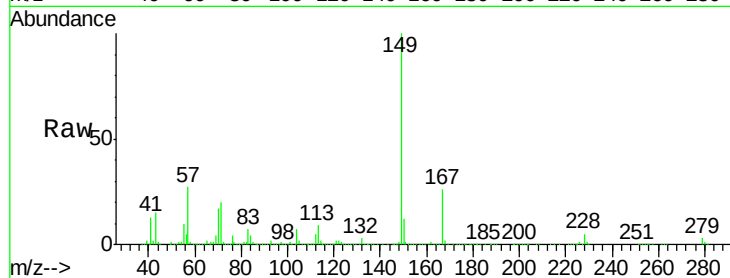
Tot Ion:149 Resp: 804057

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

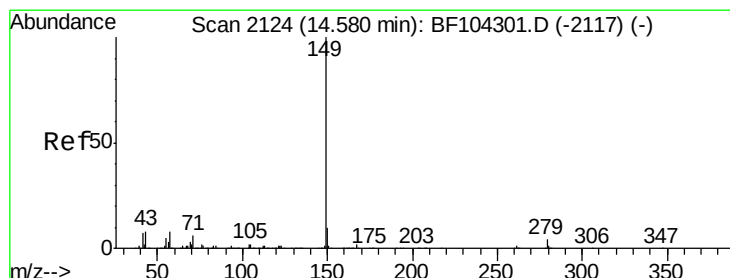
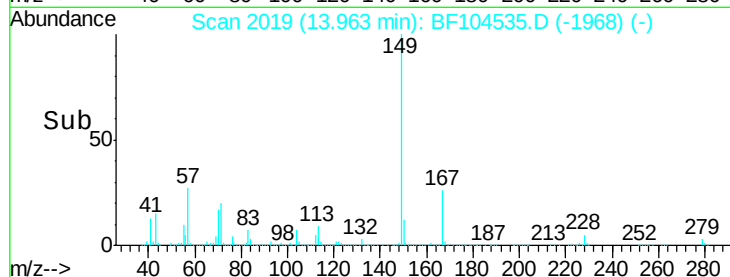
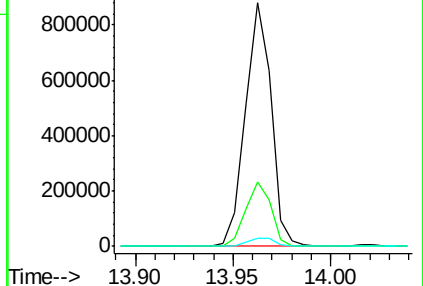
279 3.4 3.0 4.4



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: 37.302 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

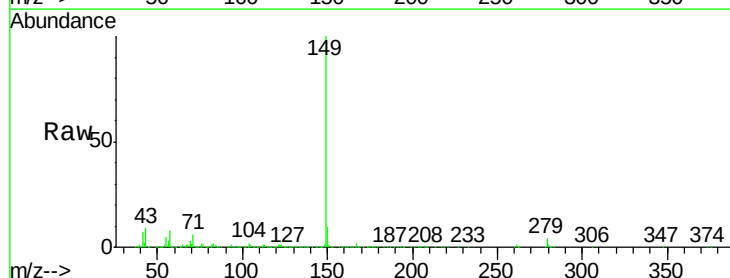
Tgt Ion:149 Resp: 1195447

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

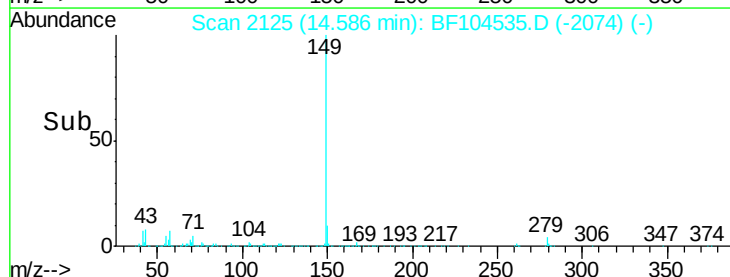
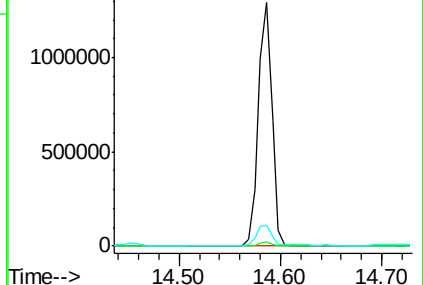
43 8.8 8.4 12.6

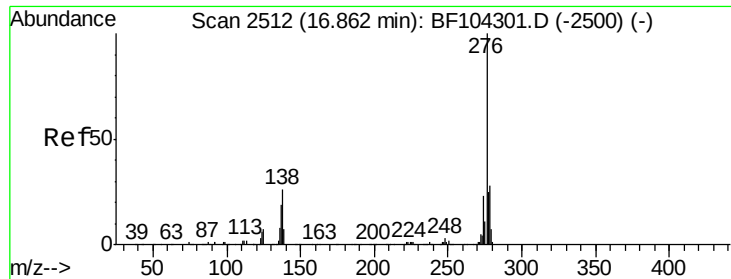


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

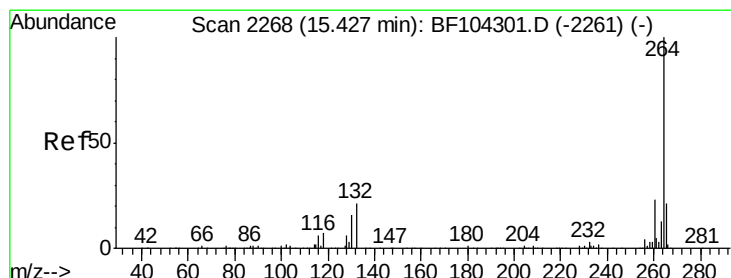
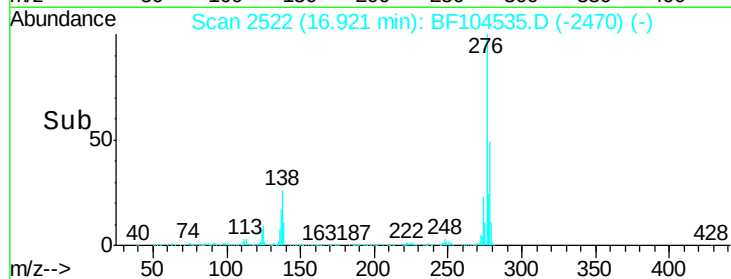
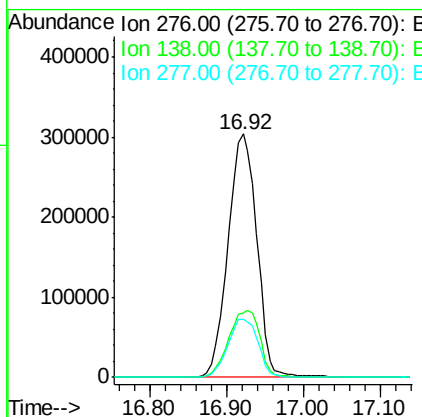
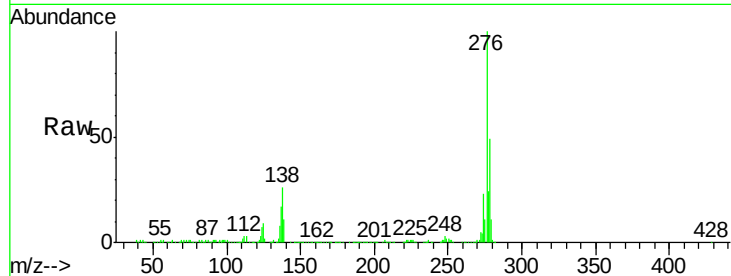




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.718 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

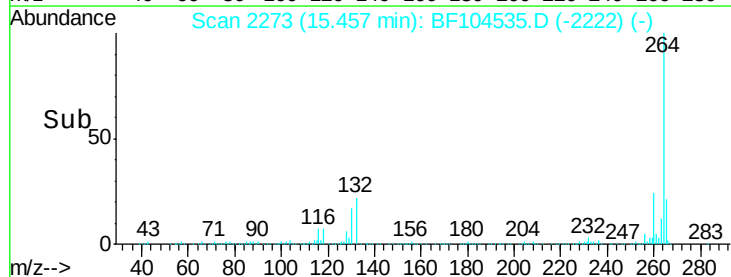
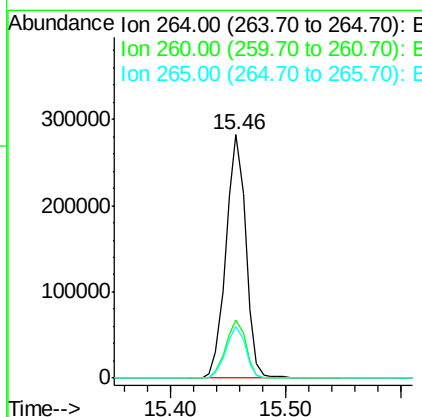
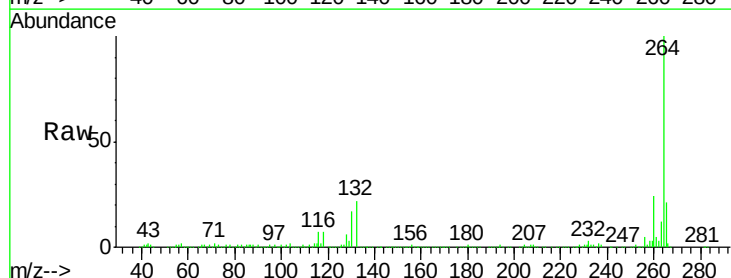
Instrument :
 BNA_F
 ClientSampleId :

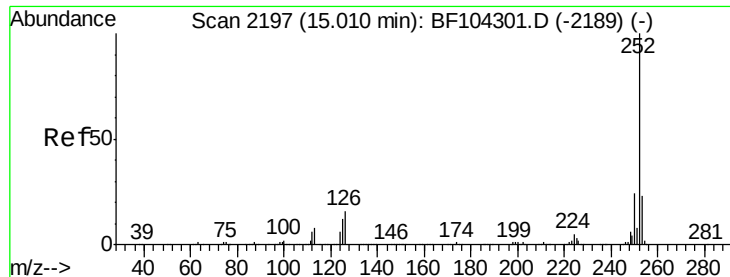
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3

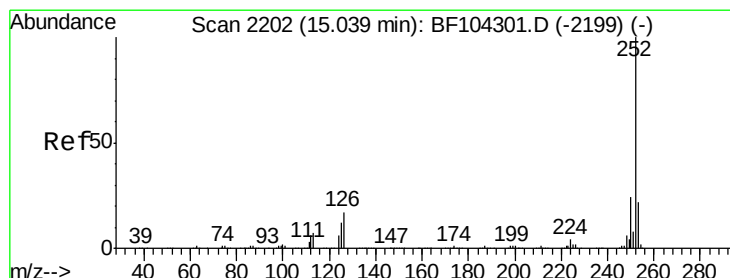
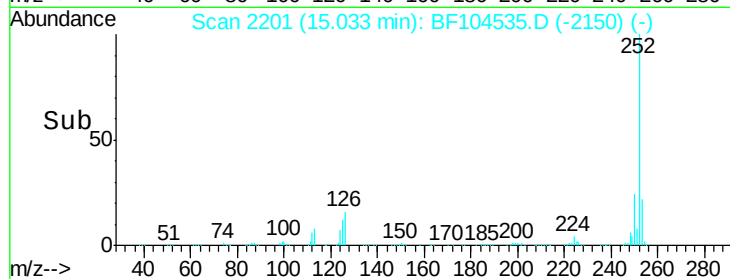
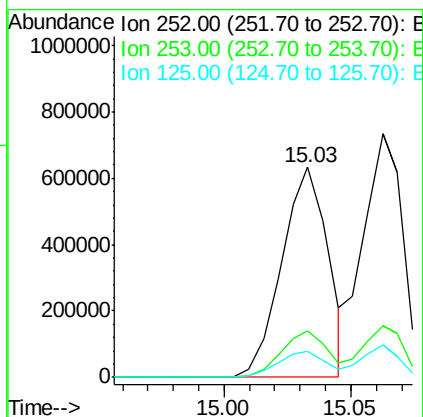
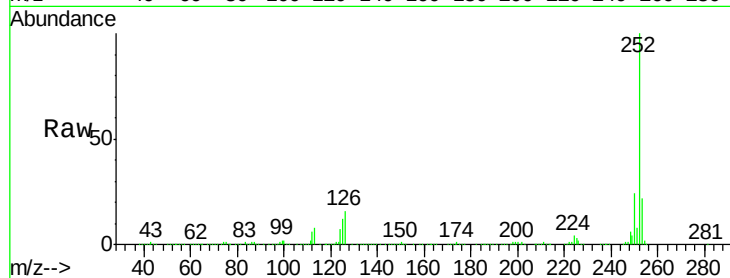




#87
Benzo(b)fluoranthene
Concen: 37.770 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

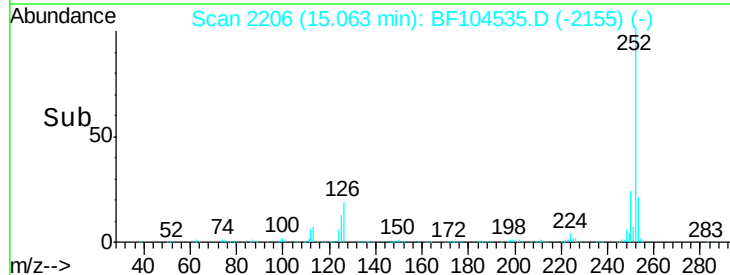
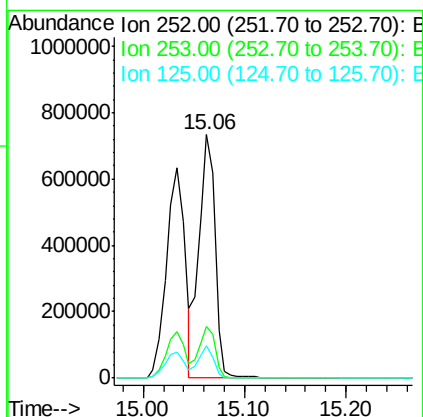
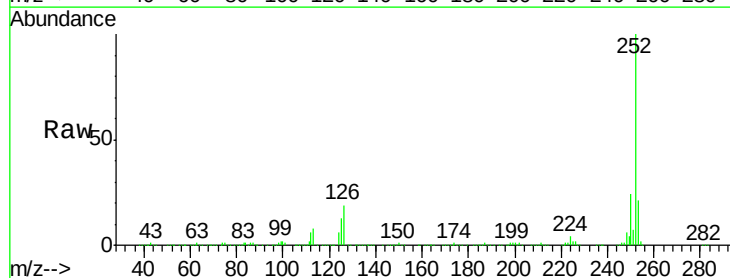
Instrument :
BNA_F
ClientSampleId :

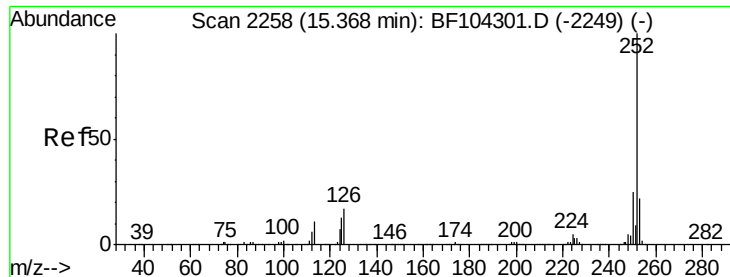
Tot Ion:252 Resp: 802596
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.306 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion:252 Resp: 808580
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.214 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

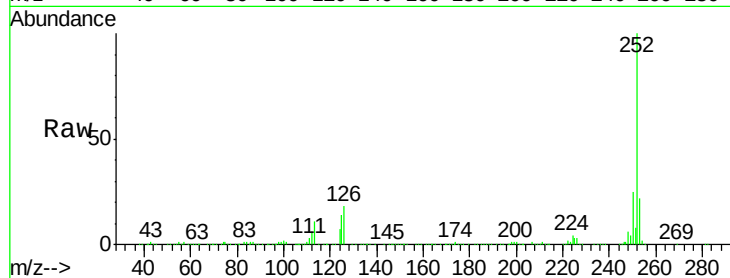
Tot Ion:252 Resp: 726554

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

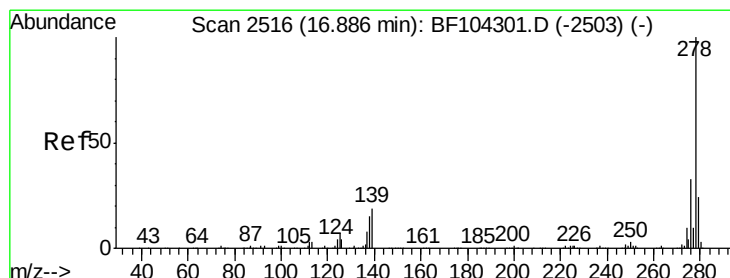
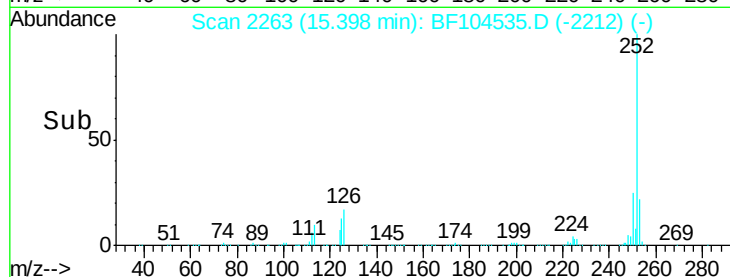
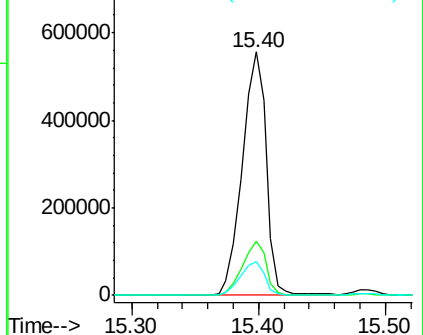
125 13.7 9.8 14.6



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: 42.144 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

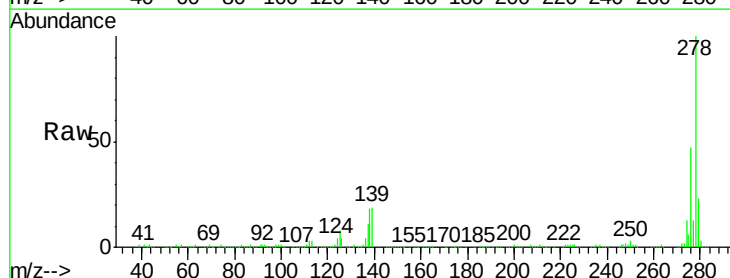
Tgt Ion:278 Resp: 658088

Ion Ratio Lower Upper

278 100

139 18.5 15.9 23.9

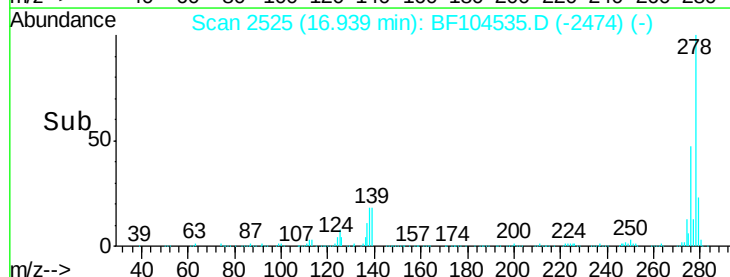
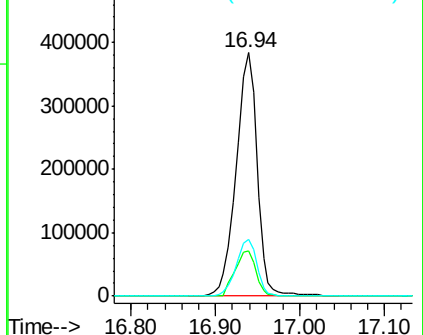
279 23.5 19.0 28.4

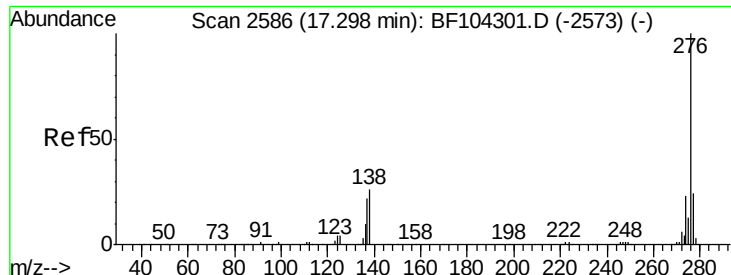


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

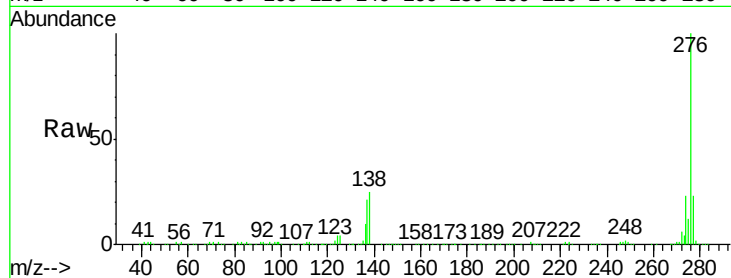




#91
 Benzo(a,h,i)perylene
 Concen: 44.880 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	25.1	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

