

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104642.D
 Acq On : 19 Apr 2018 21:37
 Operator : JU/SJ
 Sample : J2457-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:57:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144942	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	578044	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	241265	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	354421	20.00	ng	0.00
75) Chrysene-d12	13.98	240	268116	20.00	ng	0.00
86) Perylene-d12	15.44	264	200964	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	883942	93.25	ng	0.01
7) Phenol-d6	6.45	99	1070547	91.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	677896	76.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	216272	86.42	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	991384	64.91	ng	0.00
78) Terphenyl-d14	12.92	244	717058	60.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	122448	27.723	ng	# 89
3) Pyridine	3.32	79	342920	27.614	ng	89
4) n-Nitrosodimethylamine	3.27	42	135598	31.237	ng	81
6) Aniline	6.47	93	268439	16.590	ng	# 14
8) 2-Chlorophenol	6.59	128	330492	33.033	ng	98
9) Benzaldehyde	6.36	77	174701	26.487	ng	96
10) Phenol	6.46	94	437433	35.398	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	316828	32.128	ng	94
12) 1,3-Dichlorobenzene	6.75	146	332231	29.311	ng	99
13) 1,4-Dichlorobenzene	6.82	146	338884	29.993	ng	99
14) 1,2-Dichlorobenzene	6.97	146	316827	30.259	ng	99
15) Benzyl Alcohol	6.95	79	264515	29.902	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	380442	28.726	ng	77
17) 2-Methylphenol	7.07	107	270330	31.084	ng	94
18) Hexachloroethane	7.32	117	89920	22.321	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	211712	27.818	ng	94
20) 3+4-Methylphenols	7.22	107	324833	30.116	ng	# 81
22) Acetophenone	7.22	105	430477	30.249	ng	99
24) Nitrobenzene	7.39	77	333964	34.170	ng	98
25) Isophorone	7.63	82	591384	31.592	ng	98
26) 2-Nitrophenol	7.70	139	162865	40.932	ng	99
27) 2,4-Dimethylphenol	7.75	122	285126	34.512	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	386179	33.741	ng	99
29) 2,4-Dichlorophenol	7.95	162	264421	33.544	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	257192	29.730	ng	99
31) Naphthalene	8.11	128	883593	30.698	ng	99
32) Benzoic acid	7.75	122	285126	43.255	ng	# 15
33) 4-Chloroaniline	8.16	127	162795	13.202	ng	99
34) Hexachlorobutadiene	8.22	225	134527	28.390	ng	98
35) Caprolactam	8.53	113	87109	31.677	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	271335	32.102	ng	99
37) 2-Methylnaphthalene	8.80	142	553865	29.748	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	234131	33.901	ng	99
40) Hexachlorocyclopentadiene	8.95	237	7934	2.052	ng	93

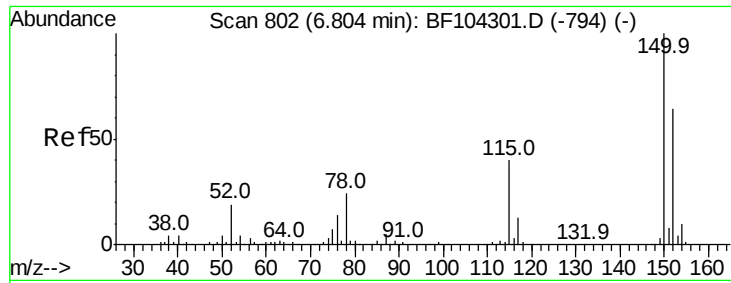
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	167956	35.032	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	176102	32.824	ng	97
45) 1,1'-Biphenyl	9.27	154	638568	31.506	ng	99
46) 2-Chloronaphthalene	9.29	162	499697	31.213	ng	99
47) 2-Nitroaniline	9.39	65	165598	41.828	ng	98
48) Acenaphthylene	9.71	152	735870	29.297	ng	99
49) Dimethylphthalate	9.57	163	758906	39.889	ng	100
50) 2,6-Dinitrotoluene	9.63	165	128816	36.591	ng	96
51) Acenaphthene	9.88	154	419948	27.402	ng	98
52) 3-Nitroaniline	9.80	138	117580	28.529	ng	96
53) 2,4-Dinitrophenol	9.92	184	1607	6.787	ng	# 29
54) Dibenzofuran	10.05	168	635693	29.765	ng	99
55) 4-Nitrophenol	9.97	139	188836	58.327	ng	95
56) 2,4-Dinitrotoluene	10.04	165	154286	33.411	ng	# 94
57) Fluorene	10.39	166	469536	30.204	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124310	31.058	ng	94
59) Diethylphthalate	10.27	149	572188	30.197	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	224228	32.388	ng	96
61) 4-Nitroaniline	10.42	138	125553	31.156	ng	97
62) Azobenzene	10.55	77	485714	26.831	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	6002	10.292	ng	90
65) n-Nitrosodiphenylamine	10.50	169	446593	36.342	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	129008	34.221	ng	95
67) Hexachlorobenzene	10.95	284	132491	31.234	ng	# 85
68) Atrazine	11.03	200	132859	35.818	ng	99
69) Pentachlorophenol	11.14	266	113215	43.141	ng	98
70) Phenanthrene	11.36	178	587757	29.779	ng	100
71) Anthracene	11.41	178	603743	30.092	ng	99
72) Carbazole	11.57	167	563943	28.765	ng	99
73) Di-n-butylphthalate	11.89	149	737101	30.778	ng	99
74) Fluoranthene	12.55	202	562974	27.300	ng	97
76) Benzidine	12.67	184	226581	21.236	ng	97
77) Pyrene	12.78	202	553608	27.856	ng	99
79) Butylbenzylphthalate	13.39	149	270061	28.844	ng	97
80) Benzo(a)anthracene	13.97	228	505876	31.583	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	165766	27.756	ng	98
82) Chrysene	14.01	228	477374	29.015	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	405642	33.683	ng	99
84) Di-n-octyl phthalate	14.57	149	665861	33.090	ng	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	335351	23.995	ng	97
87) Benzo(b)fluoranthene	15.02	252	399838	31.502	ng	97
88) Benzo(k)fluoranthene	15.05	252	388479	32.419	ng	98
89) Benzo(a)pyrene	15.39	252	346632	30.522	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	281822	30.215	ng	97
91) Benzo(g,h,i)perylene	17.34	276	271062	29.996	ng	95

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

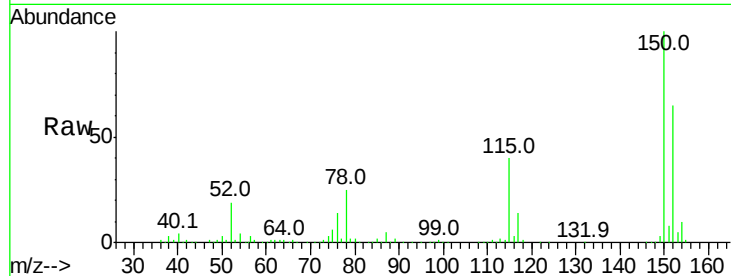


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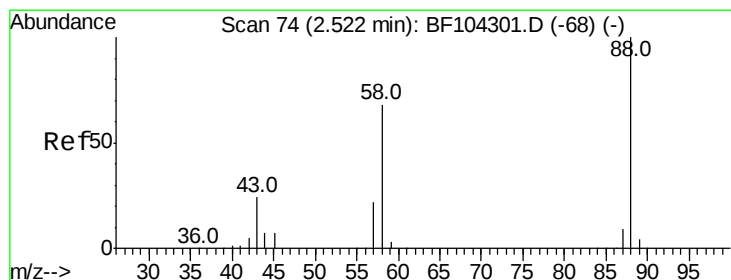
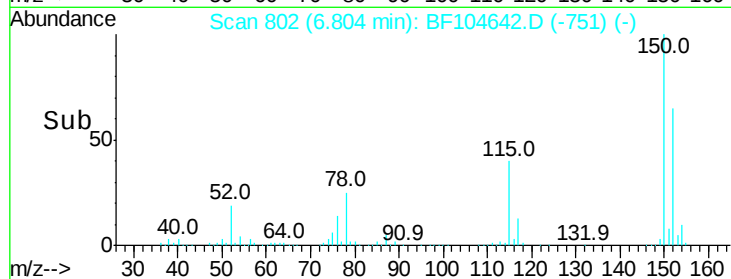
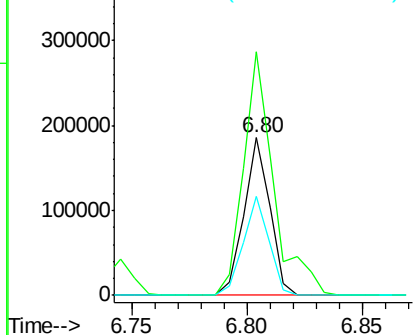
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144942
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.6 50.1 75.1



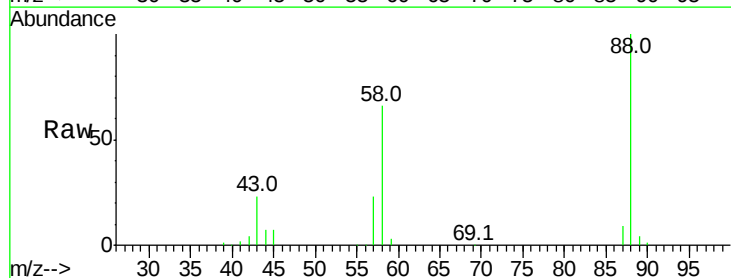
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



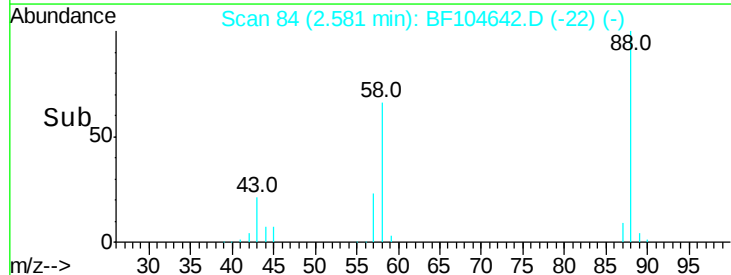
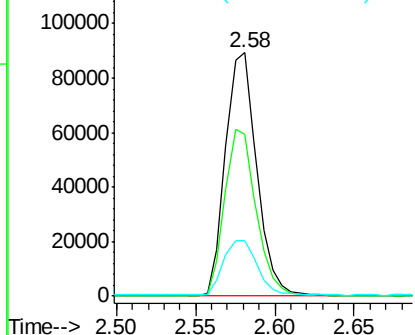
#2

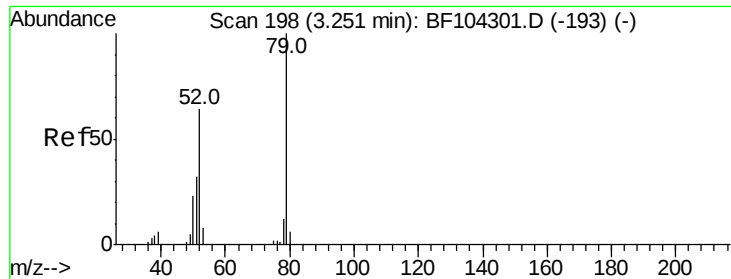
1,4-Dioxane
Concen: 27.723 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion: 88 Resp: 122448
Ion Ratio Lower Upper
88 100
58 68.7 62.6 93.8
43 24.3 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: 27.614 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

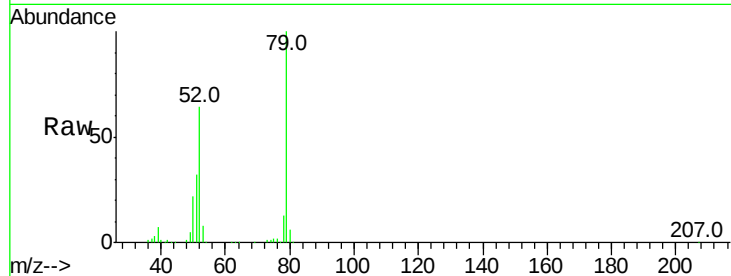
Tot Ion: 79 Resp: 342920

Ion Ratio Lower Upper

79 100

52 63.6 59.8 89.6

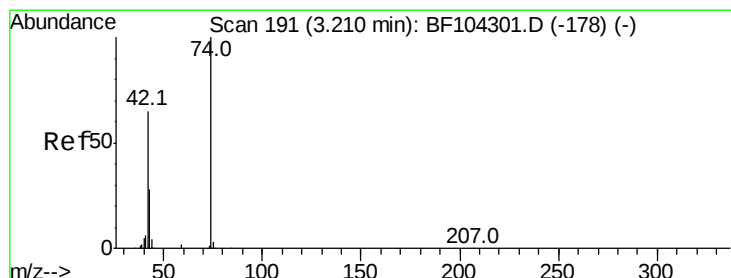
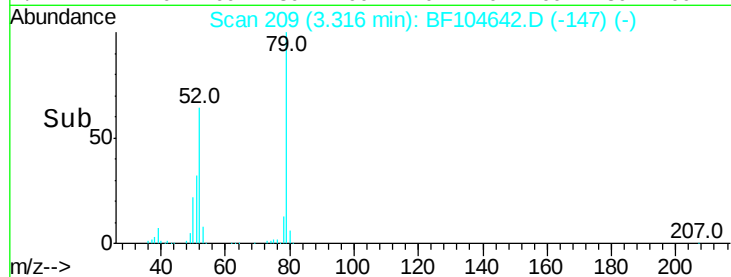
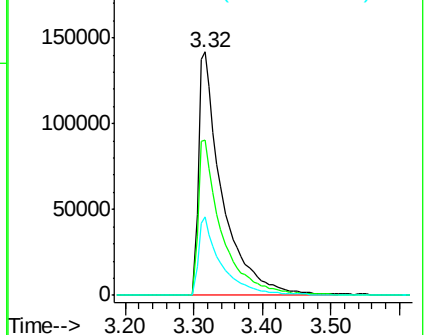
51 32.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.237 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.04 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

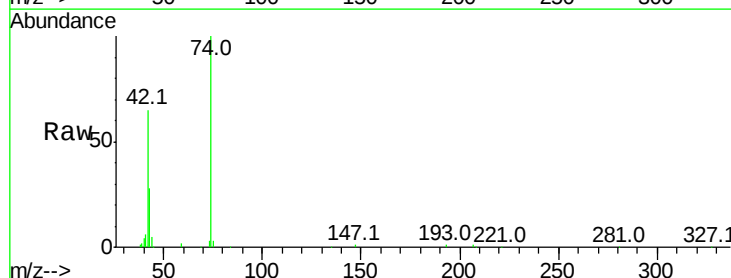
Tgt Ion: 42 Resp: 135598

Ion Ratio Lower Upper

42 100

74 154.7 104.9 157.3

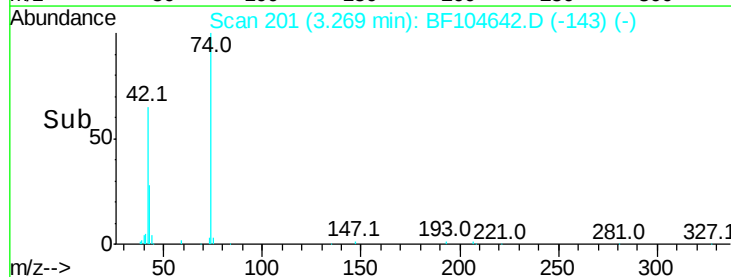
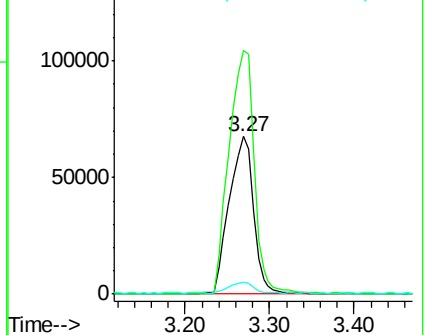
44 7.2 6.9 10.3

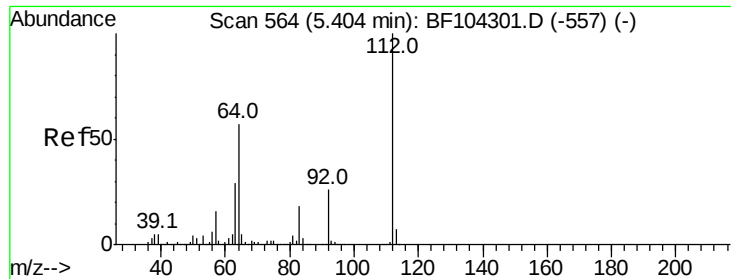


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.251 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampled :

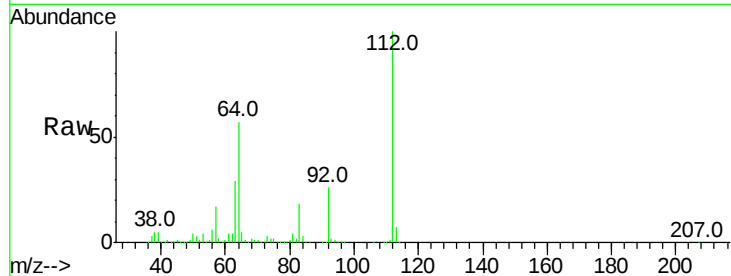
Tot Ion:112 Resp: 883942

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

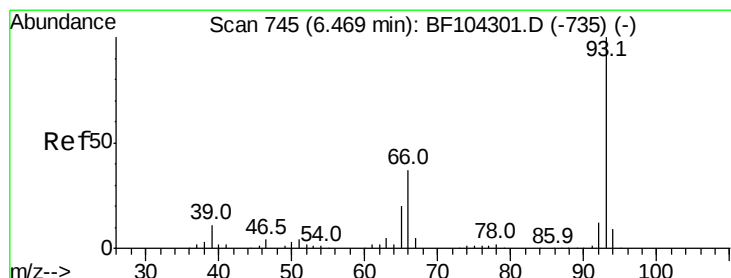
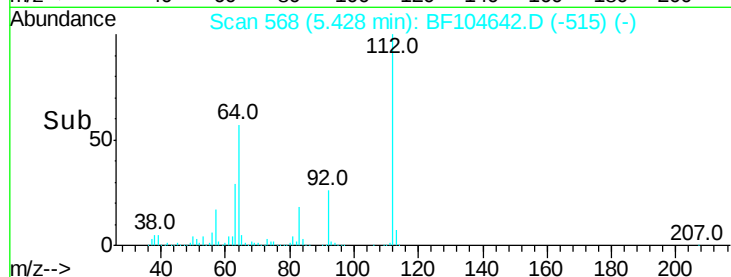
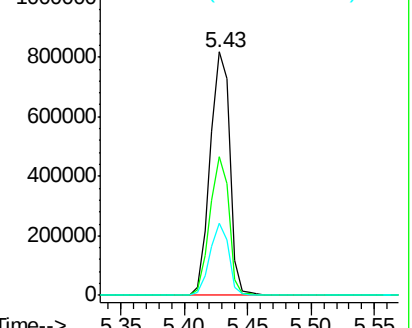
63 29.4 23.7 35.5



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: 16.590 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

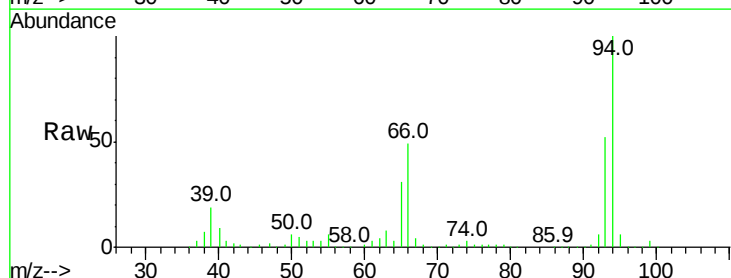
Tgt Ion: 93 Resp: 268439

Ion Ratio Lower Upper

93 100

66 93.8 32.2 48.2#

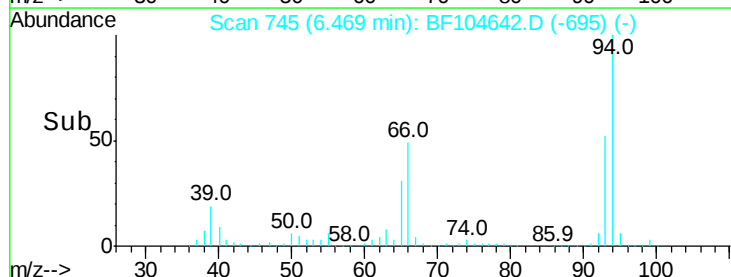
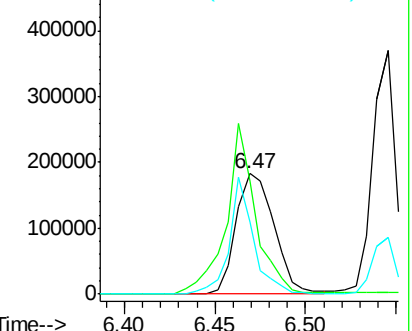
65 60.2 16.4 24.6#



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: 91.917 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampled :

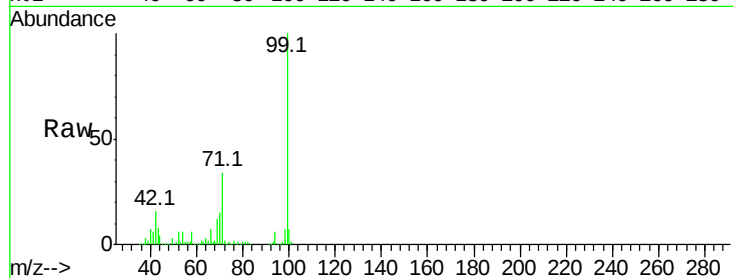
Tot Ion: 99 Resp: 1070547

Ion Ratio Lower Upper

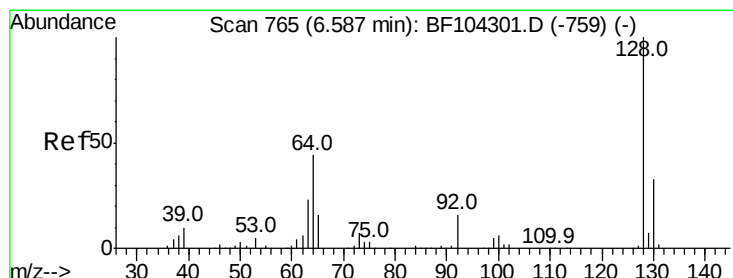
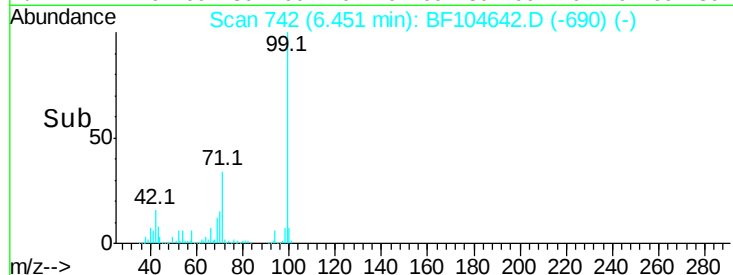
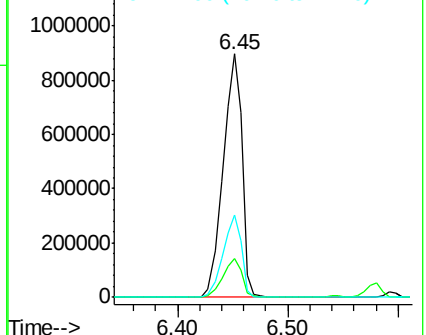
99 100

42 16.1 14.5 21.7

71 33.9 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: 33.033 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

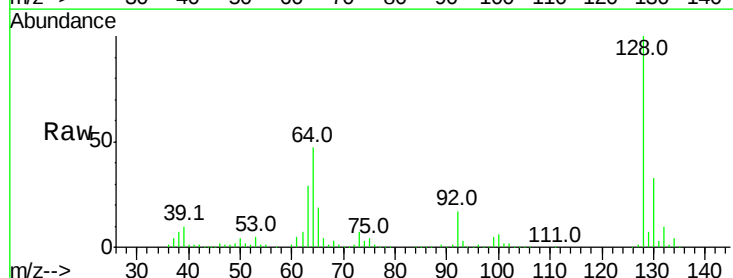
Tgt Ion: 128 Resp: 330492

Ion Ratio Lower Upper

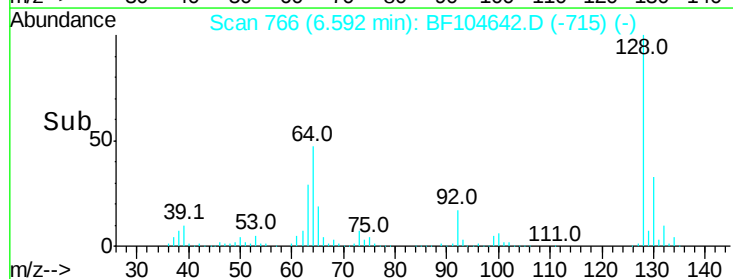
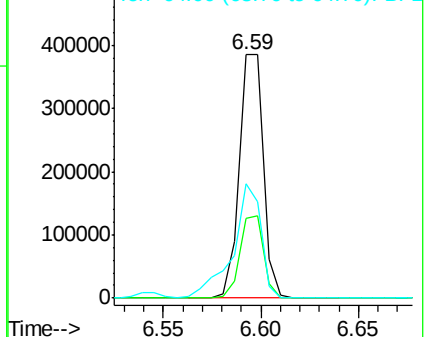
128 100

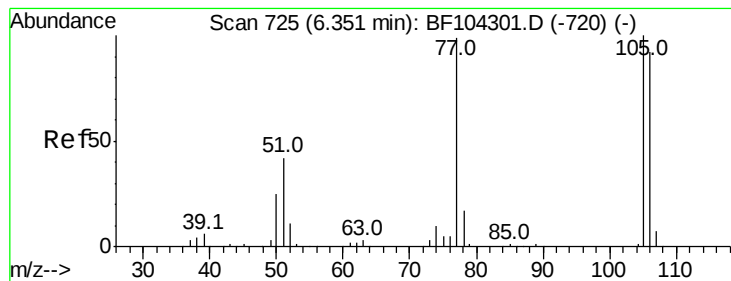
130 32.9 13.0 53.0

64 46.9 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: 26.487 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampled :

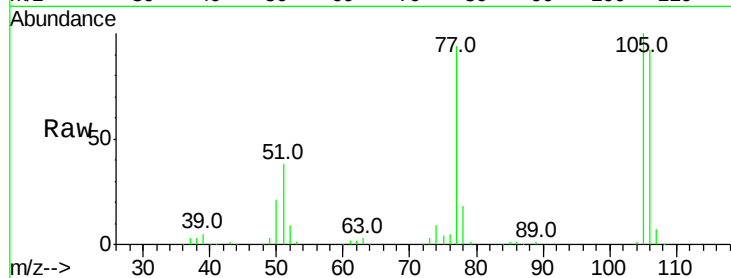
Tot Ion: 77 Resp: 174701

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

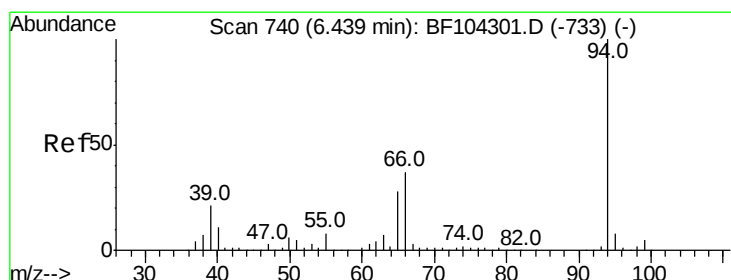
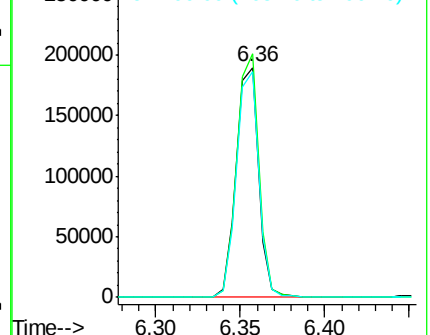
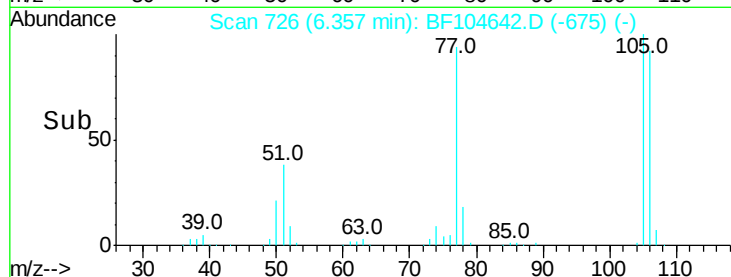
106 97.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.398 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

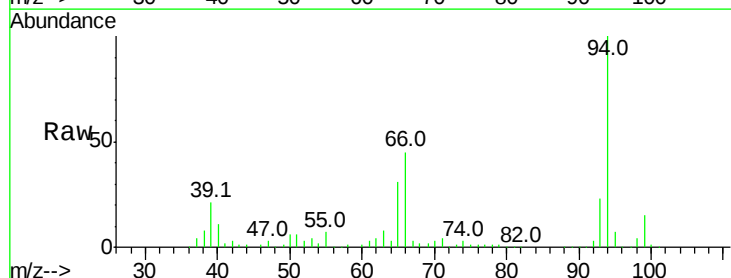
Tgt Ion: 94 Resp: 437433

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

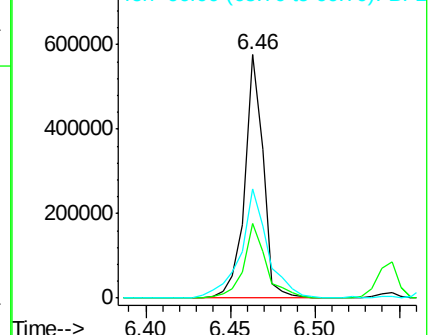
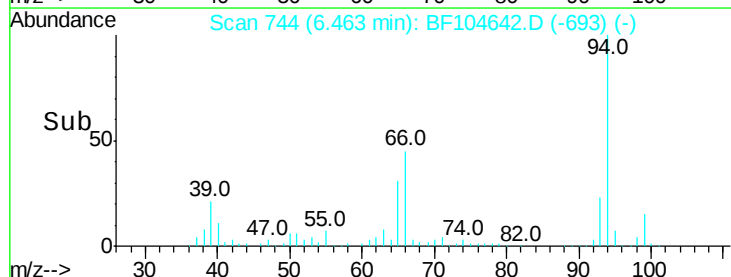
66 44.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.128 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

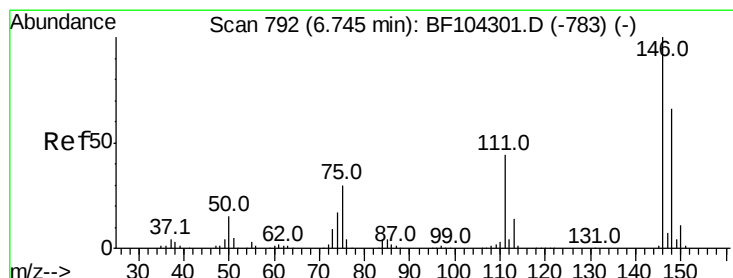
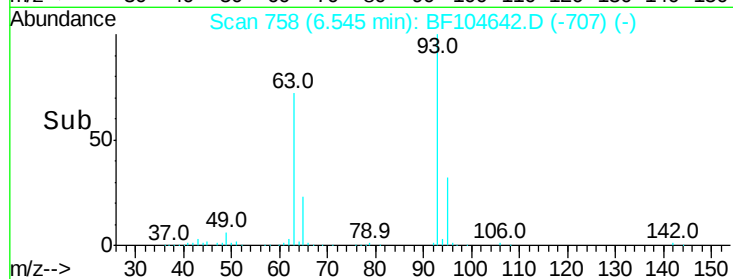
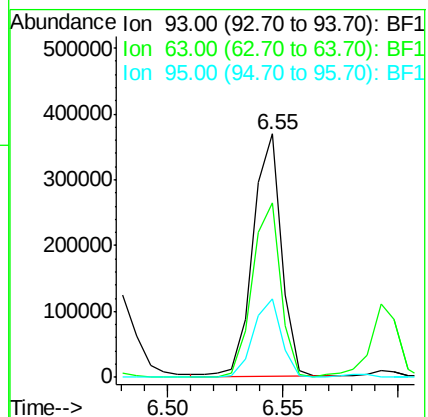
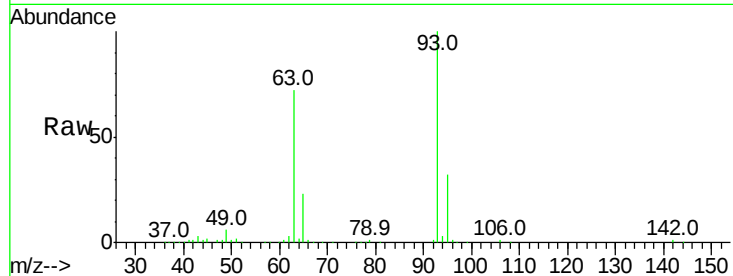
Tot Ion: 93 Resp: 316828

Ion Ratio Lower Upper

93 100

63 71.9 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 29.311 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

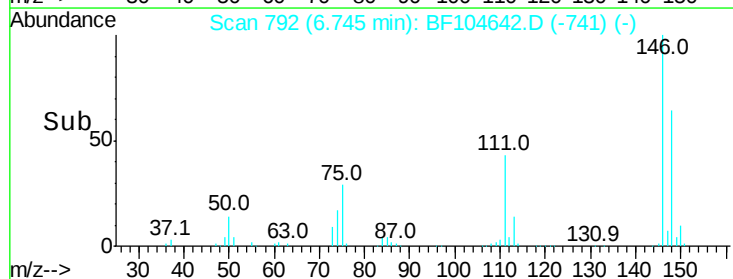
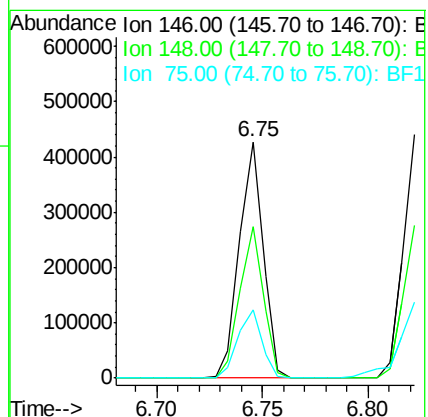
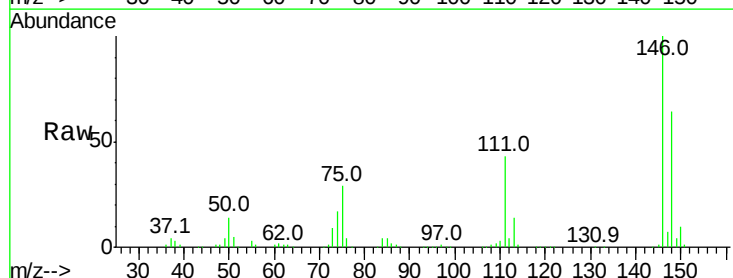
Tgt Ion: 146 Resp: 332231

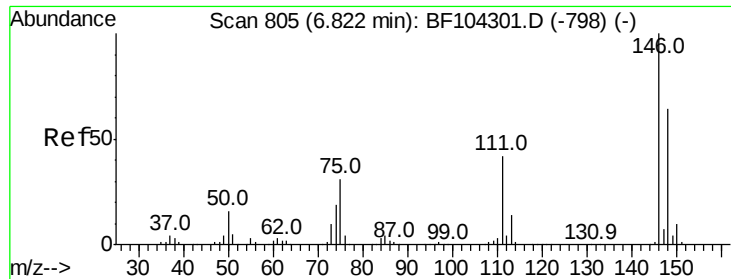
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 29.2 24.2 36.4

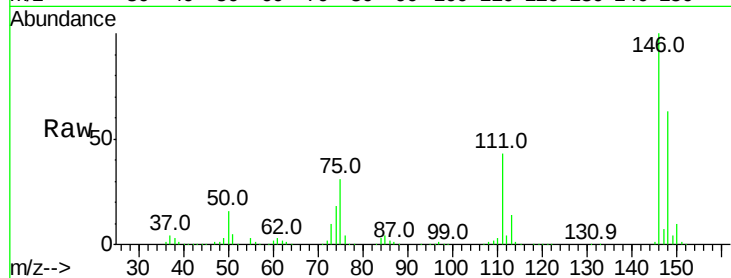




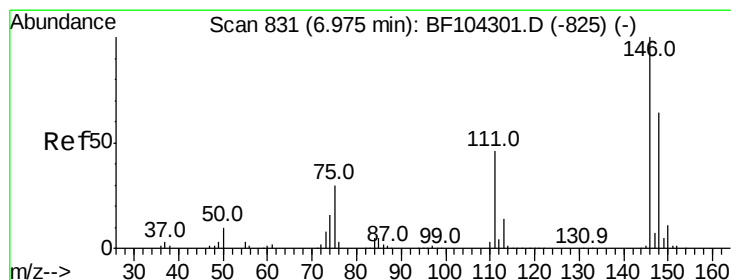
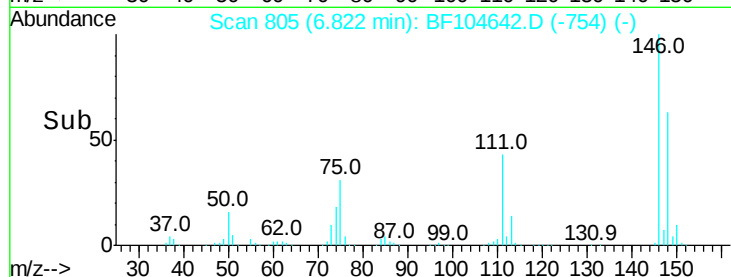
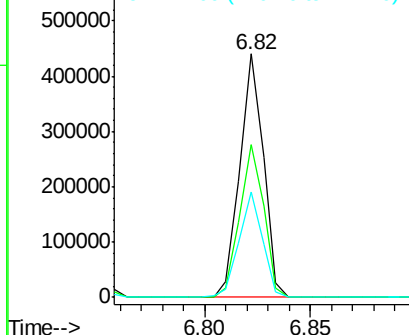
#13
 1,4-Dichlorobenzene
 Concen: 29.993 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 338884
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 43.1 34.2 51.2

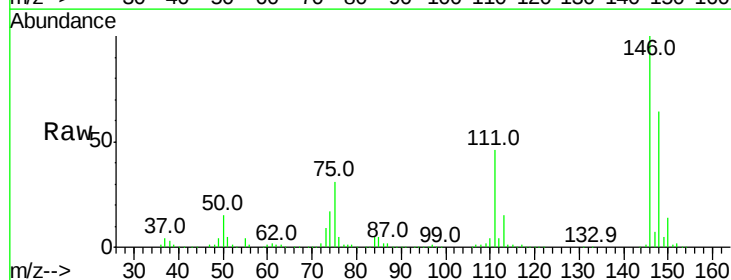


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

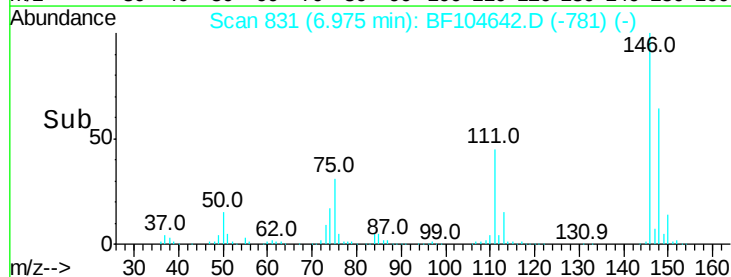
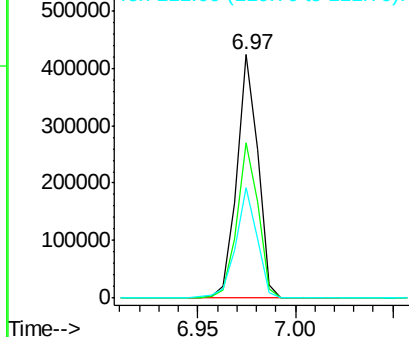


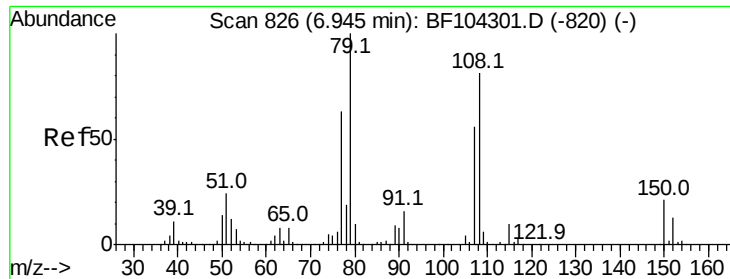
#14
 1,2-Dichlorobenzene
 Concen: 30.259 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion:146 Resp: 316827
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 45.5 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

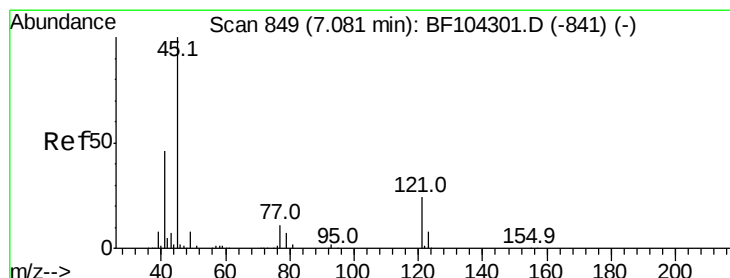
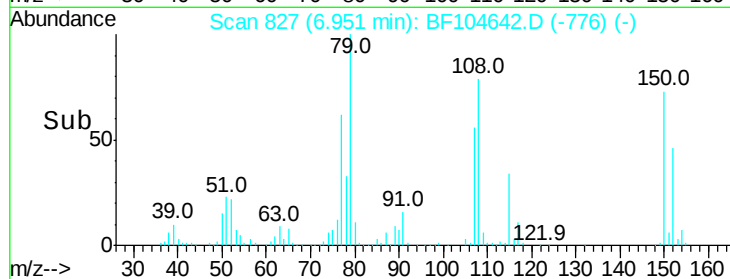
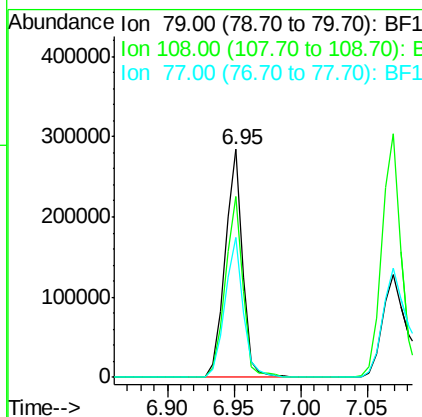
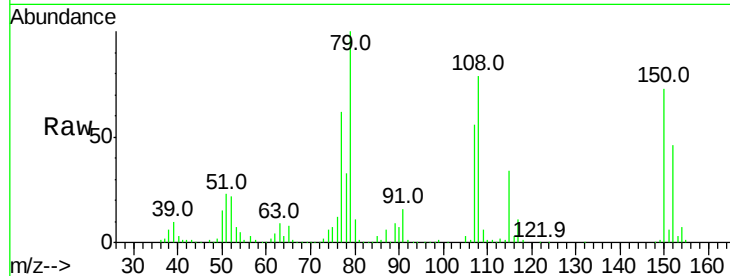




#15
Benzyl Alcohol
Concen: 29.902 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

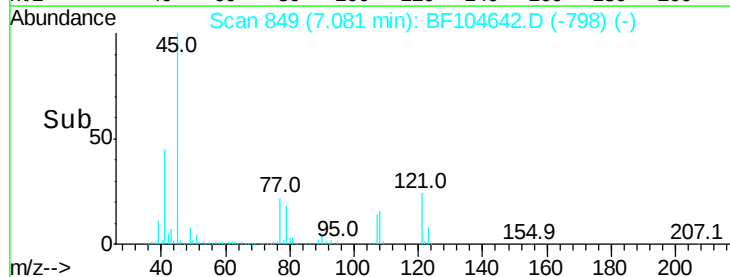
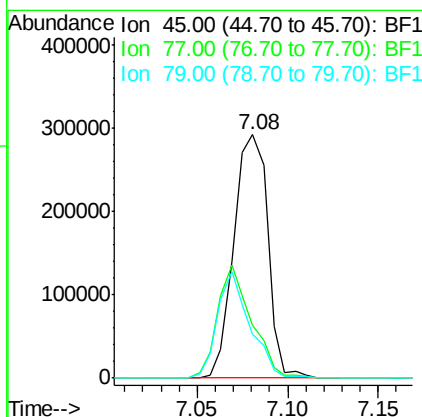
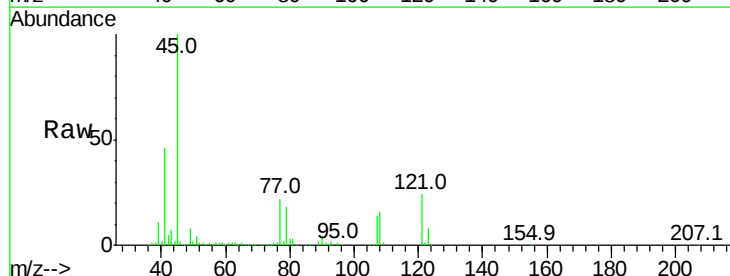
Instrument :
BNA_F
ClientSampleId :

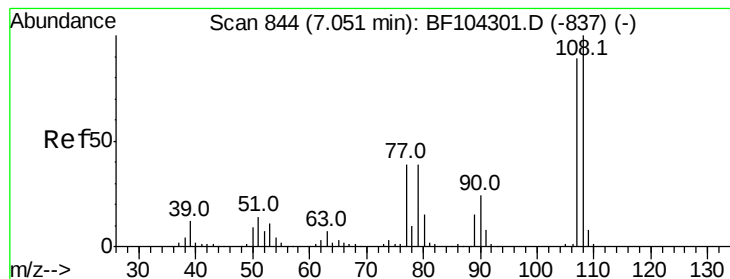
Tot Ion: 79 Resp: 264515
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.726 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion: 45 Resp: 380442
Ion Ratio Lower Upper
45 100
77 21.7 0.0 32.9
79 18.0 0.0 29.6





#17

2-Methylphenol

Concen: 31.084 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 270330

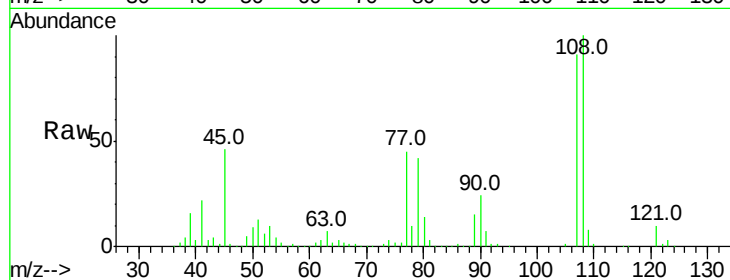
Ion Ratio Lower Upper

107 100

108 110.3 91.7 137.5

77 49.5 33.8 50.8

79 46.7 33.8 50.8

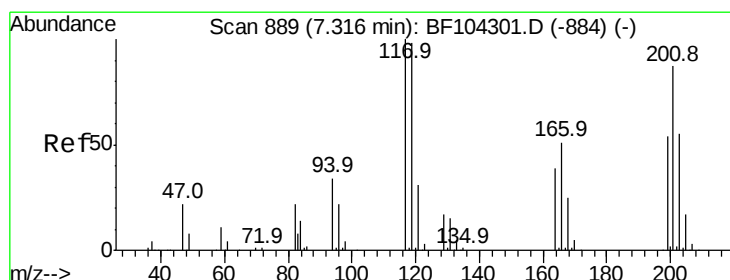
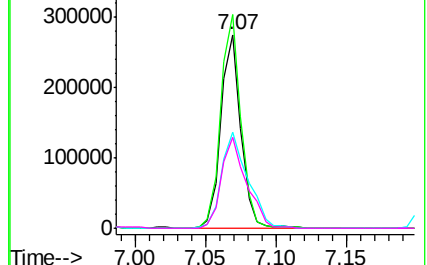
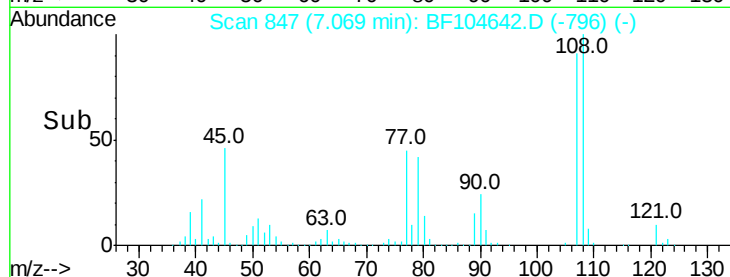


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 22.321 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

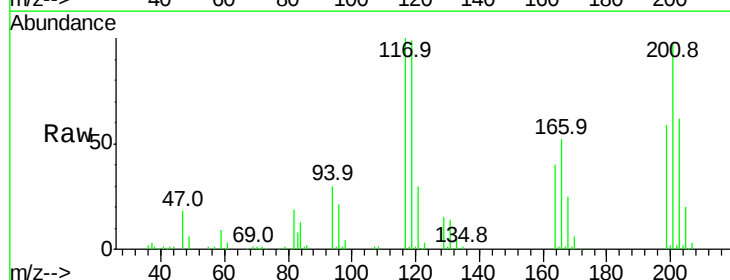
Tgt Ion:117 Resp: 89920

Ion Ratio Lower Upper

117 100

119 98.6 75.8 113.8

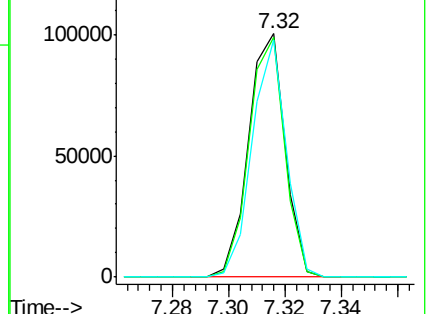
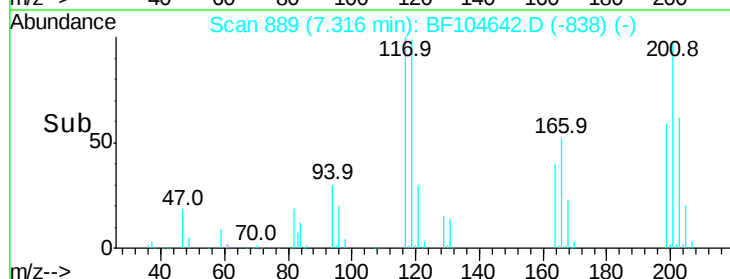
201 97.3 75.7 113.5

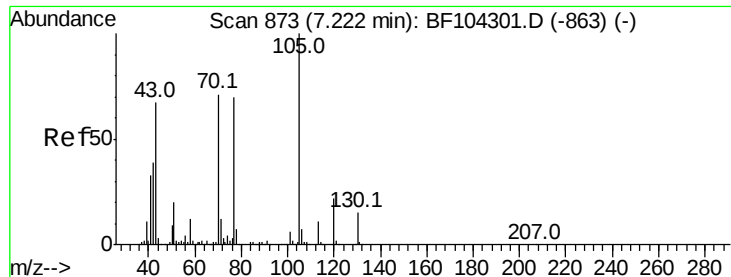


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

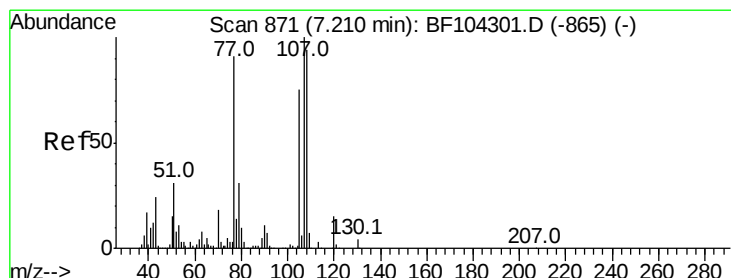
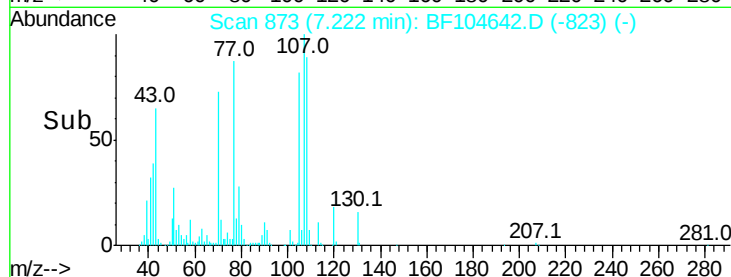
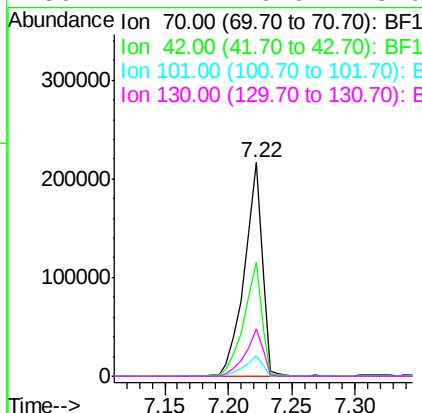
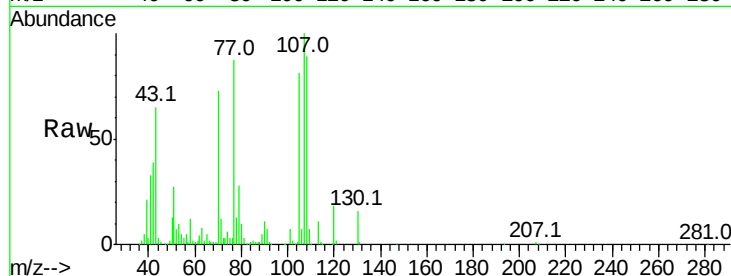




#19
n-Nitroso-di-n-propylamine
Concen: 27.818 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

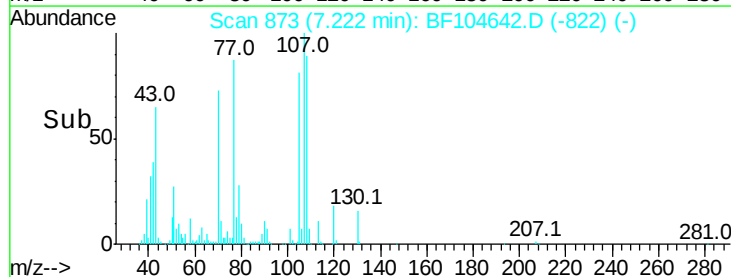
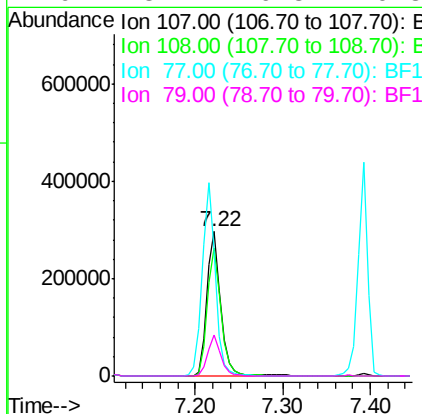
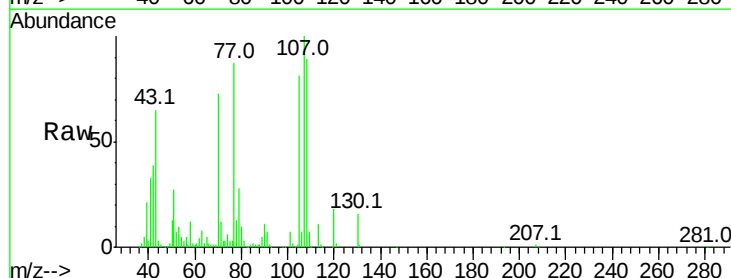
Instrument :
BNA_F
ClientSampleId :

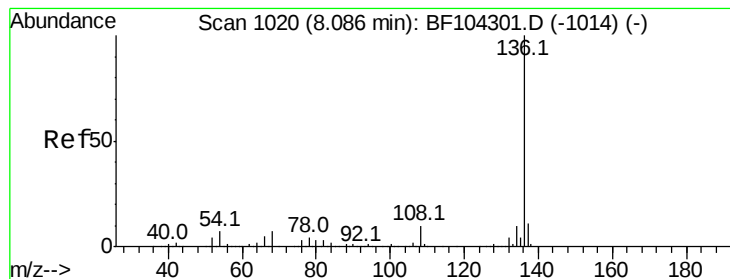
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	47.5	71.3	
101	9.7	7.4	11.2	
130	22.1	16.6	25.0	



#20
3+4-Methylphenols
Concen: 30.116 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	68.2	108.2	
77	87.3	26.7	66.7	
79	28.4	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

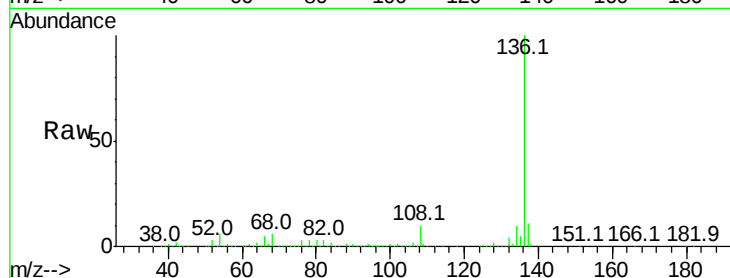
BNA_F

ClientSampled :

Tot Ion:136 Resp: 578044

Ion Ratio Lower Upper

136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.7	5.0	7.4

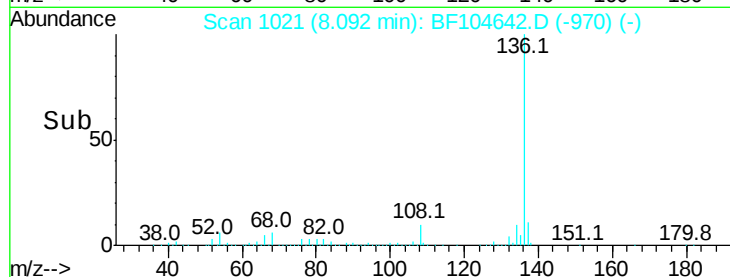


Abundance Ion 136.00 (135.70 to 136.70): E

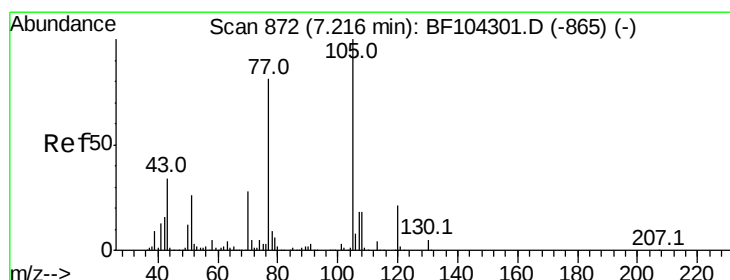
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 30.249 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

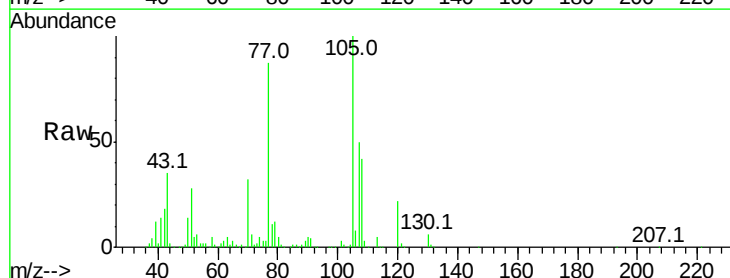
Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Tgt Ion:105 Resp: 430477

Ion Ratio Lower Upper

105	100		
71	5.6	4.4	6.6
51	28.3	22.3	33.5
120	22.2	16.9	25.3

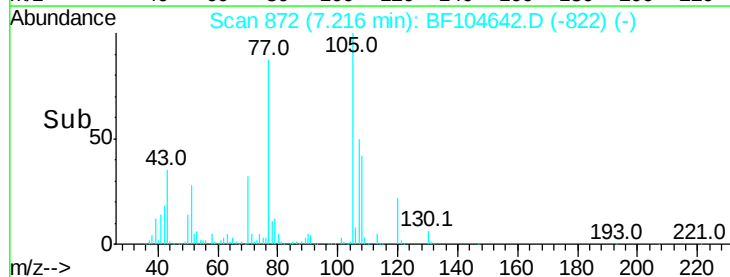


Abundance Ion 105.00 (104.70 to 105.70): E

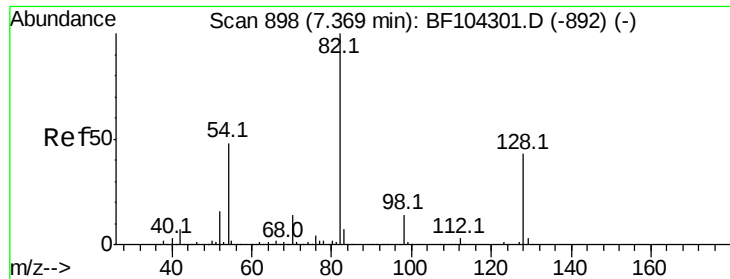
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



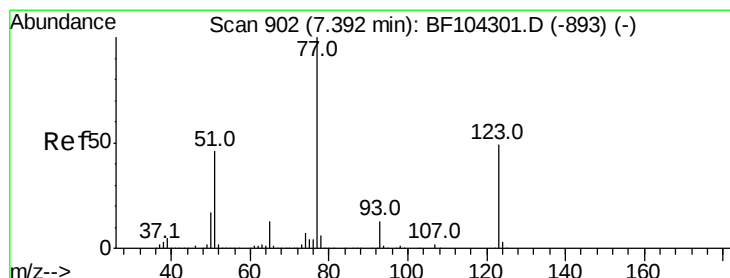
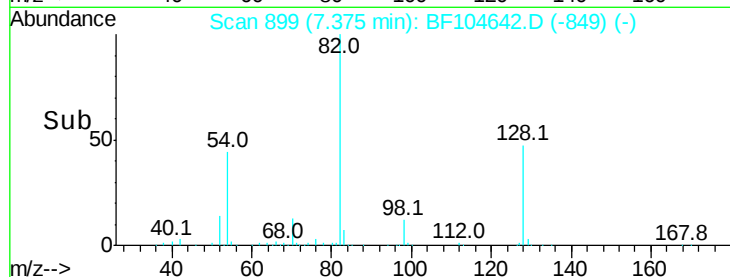
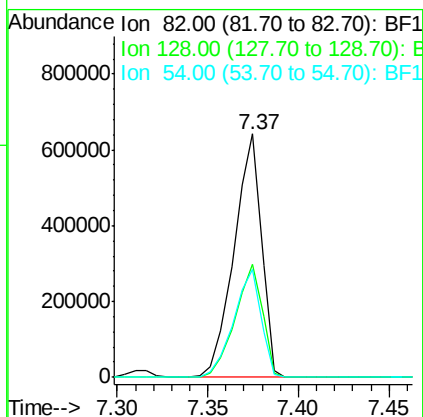
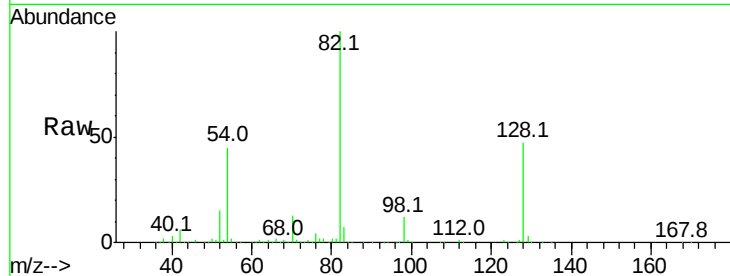
Time-->



#23
Nitrobenzene-d5
Concen: 76.578 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

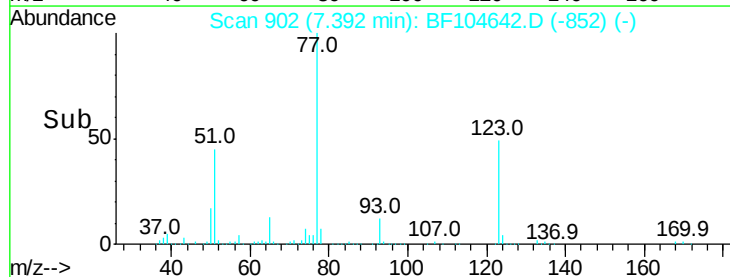
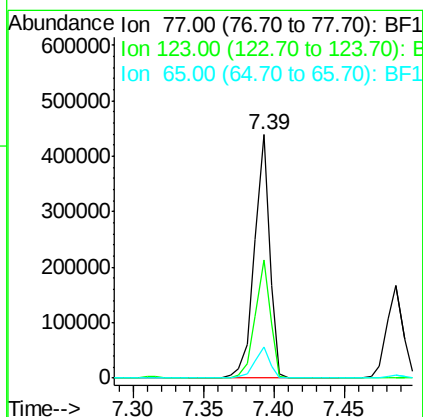
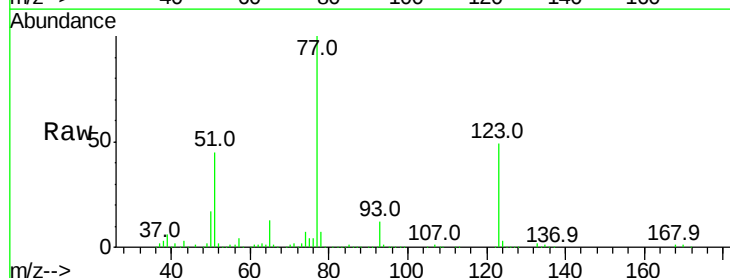
Instrument :
BNA_F
ClientSampleId :

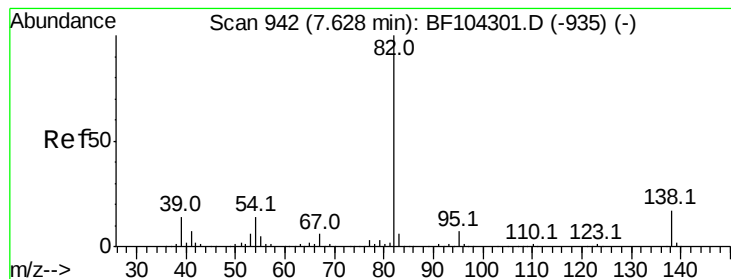
Tot Ion: 82 Resp: 677896
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 44.5 41.4 62.2



#24
Nitrobenzene
Concen: 34.170 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion: 77 Resp: 333964
Ion Ratio Lower Upper
77 100
123 48.8 37.9 56.9
65 13.0 11.0 16.4





#25

Isophorone

Concen: 31.592 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

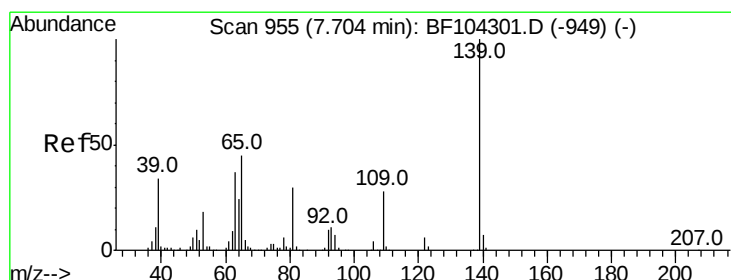
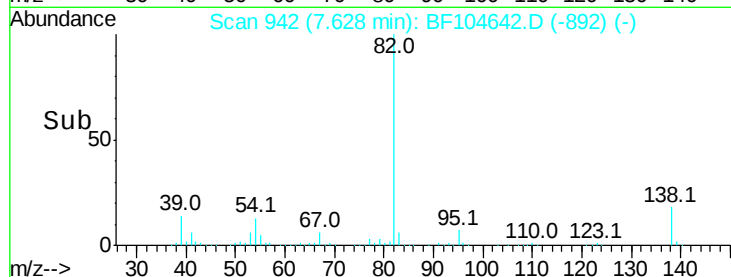
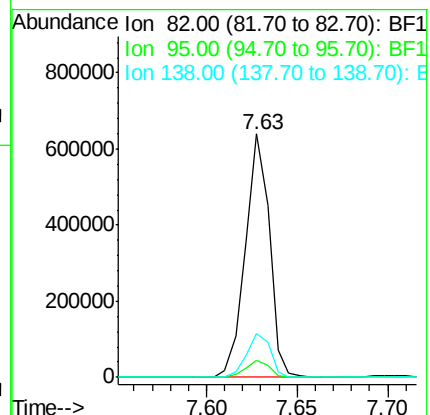
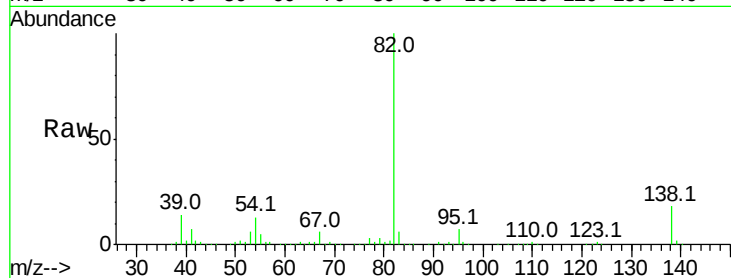
Tot Ion: 82 Resp: 591384

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 40.932 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

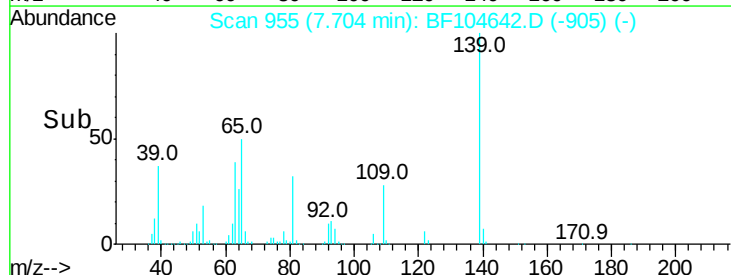
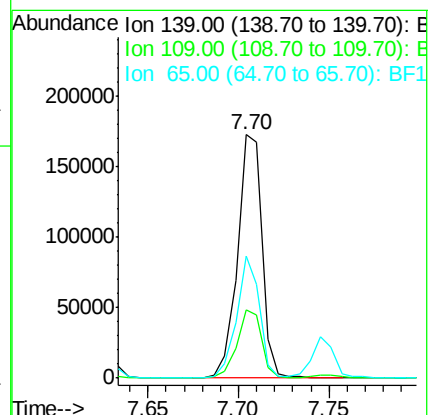
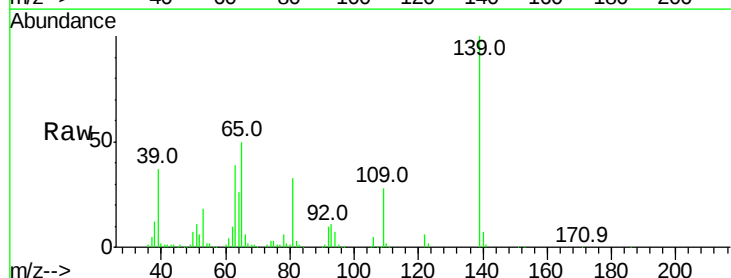
Tgt Ion: 139 Resp: 162865

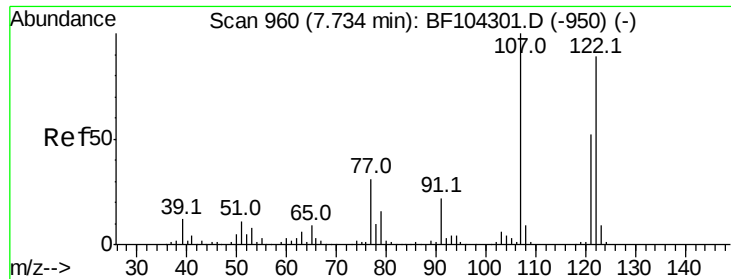
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 50.1 40.5 60.7

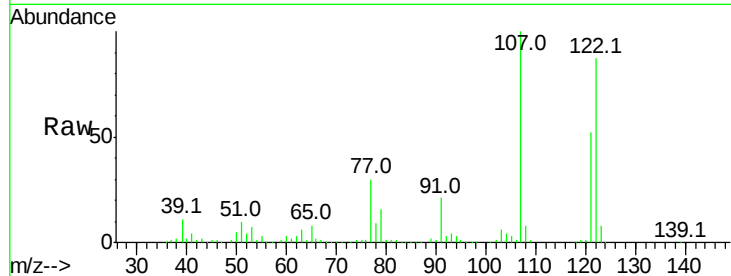




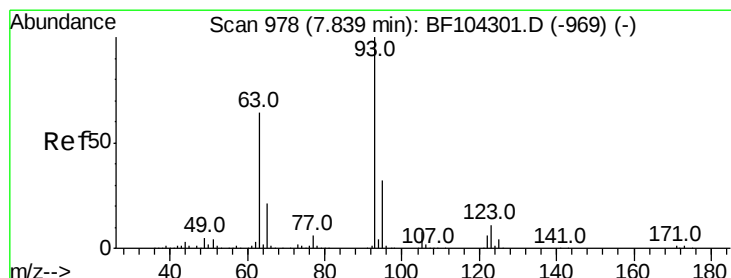
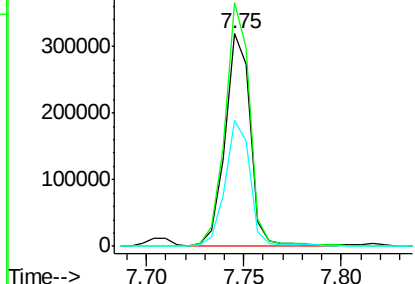
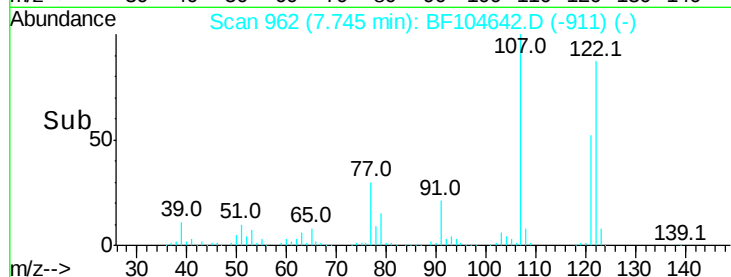
#27
 2,4-Dimethylphenol
 Concen: 34.512 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.2	136.8
121	59.4	47.2	70.8

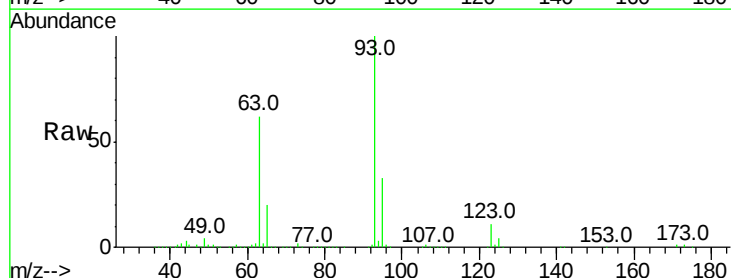


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

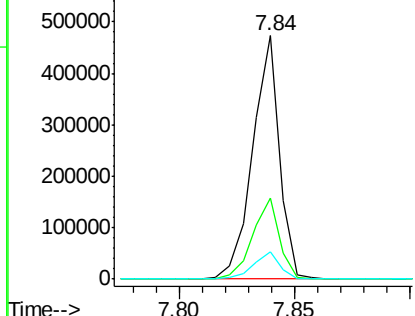
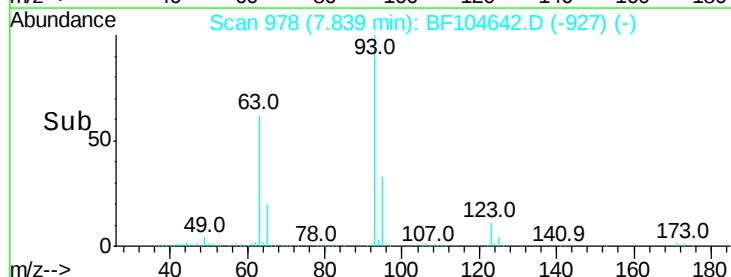


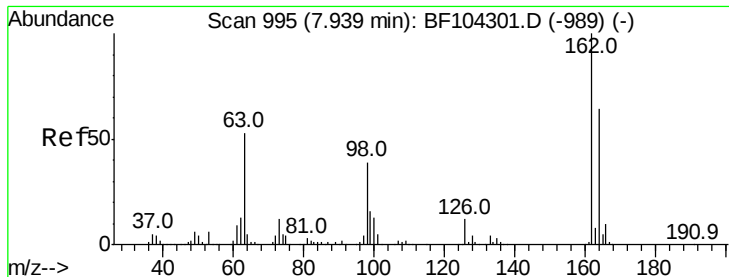
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.741 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.2	9.8	14.6



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

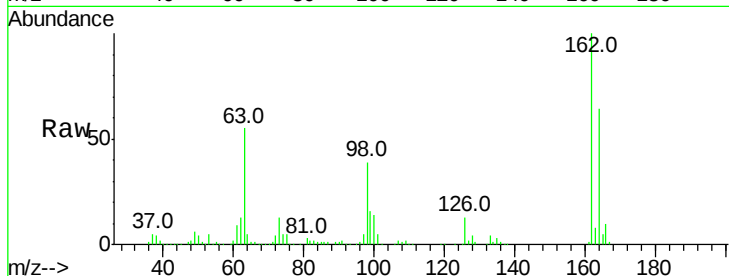




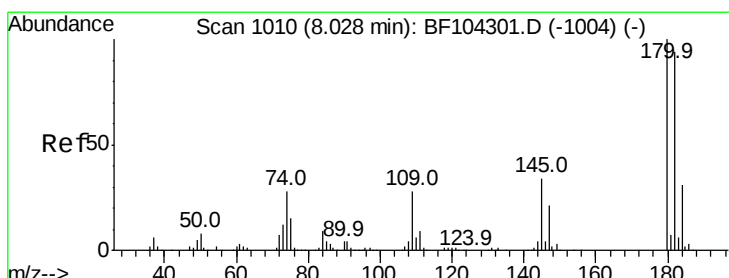
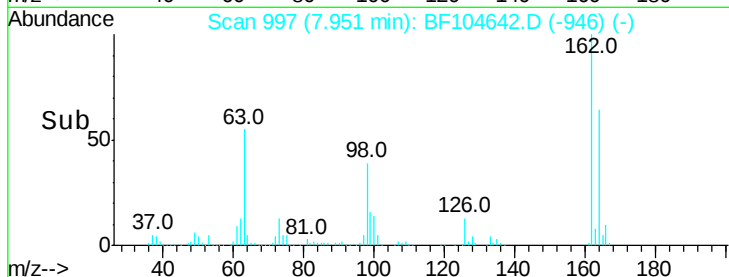
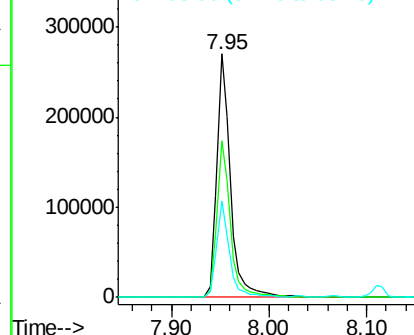
#29
 2,4-Dichlorophenol
 Concen: 33.544 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	39.4	18.1	58.1

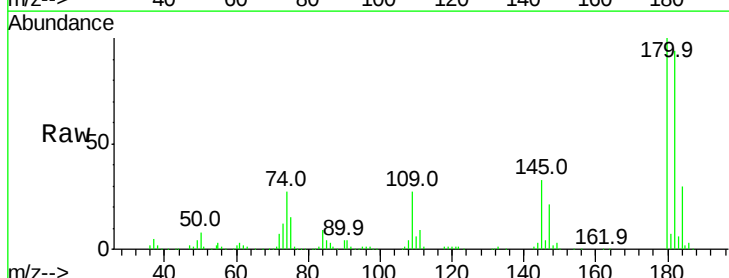


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

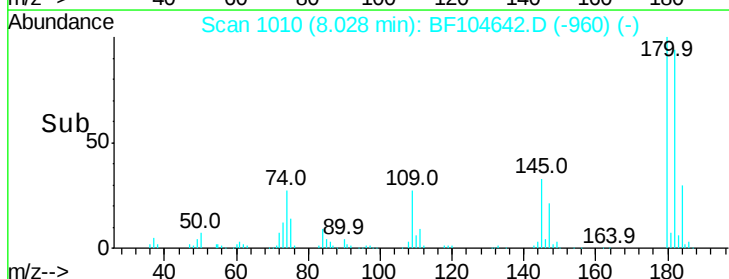
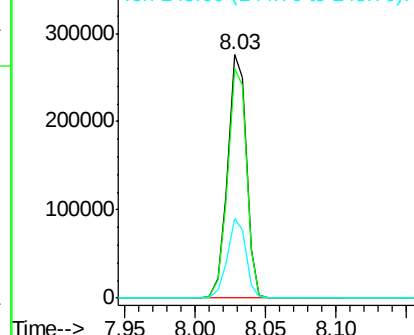


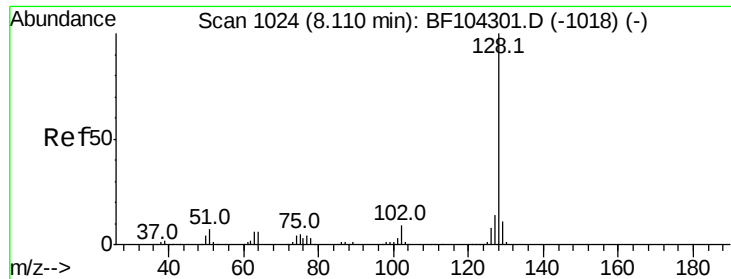
#30
 1,2,4-Trichlorobenzene
 Concen: 29.730 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	32.7	26.5	39.7



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

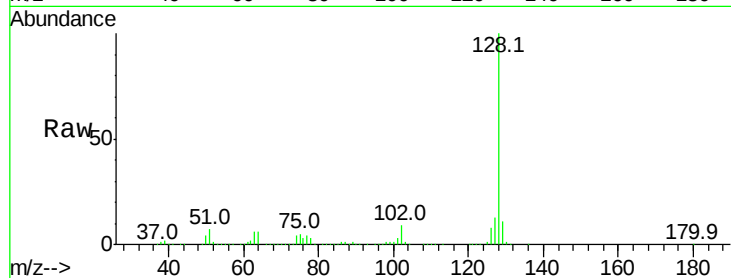




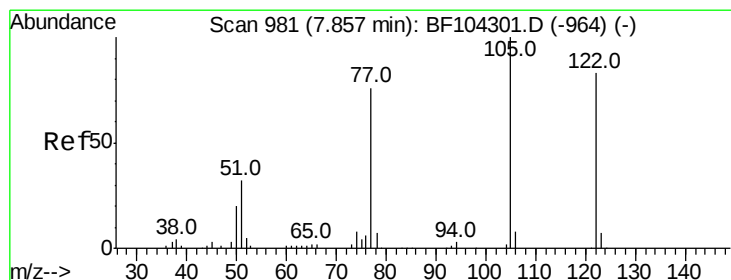
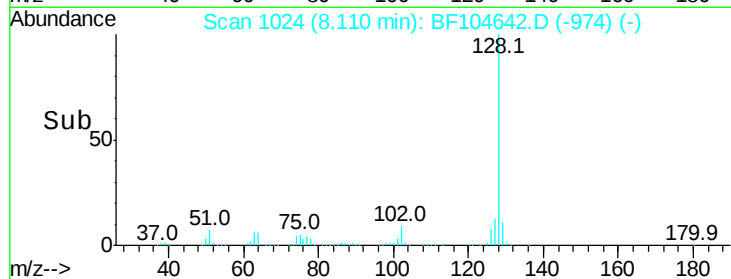
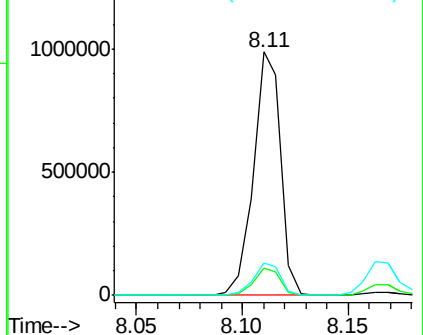
#31
Naphthalene
Concen: 30.698 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 883593
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3

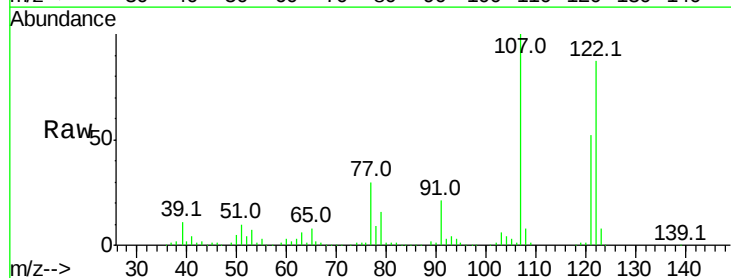


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

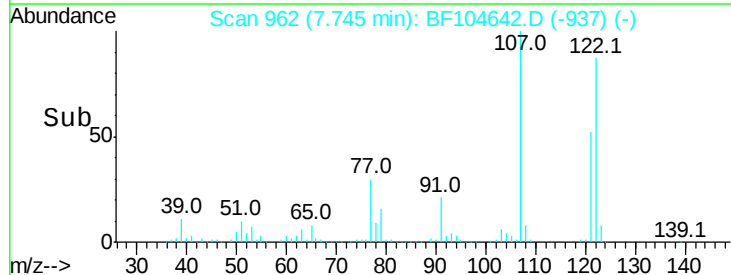
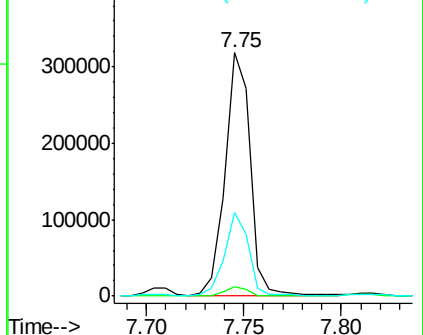


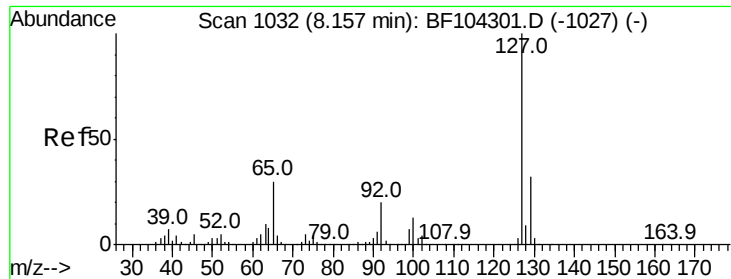
#32
Benzoic acid
Concen: 43.255 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.15 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:122 Resp: 285126
Ion Ratio Lower Upper
122 100
105 3.9 101.1 141.1#
77 34.3 70.7 110.7#



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

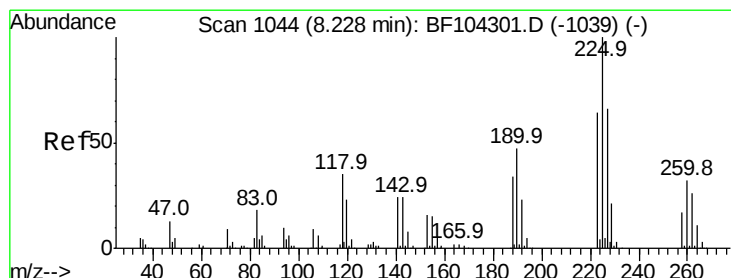
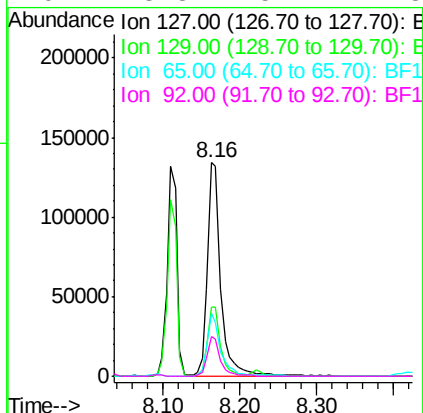
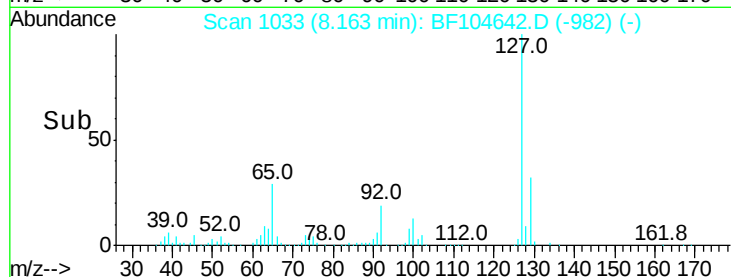
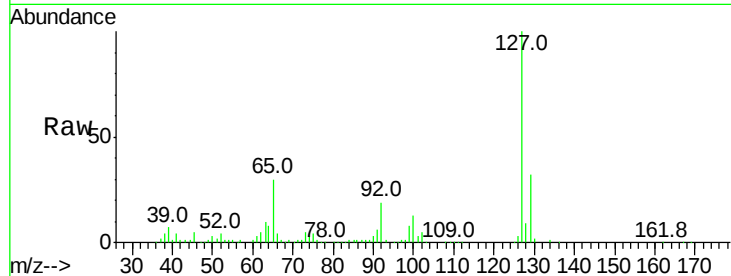




#33
4-Chloroaniline
Concen: 13.202 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

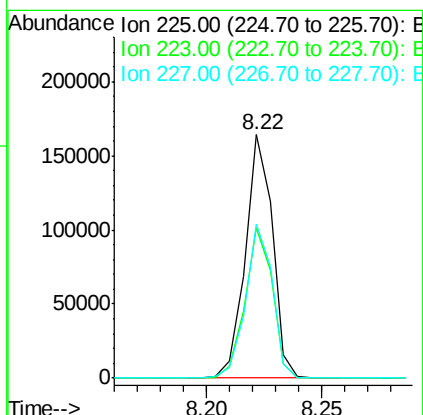
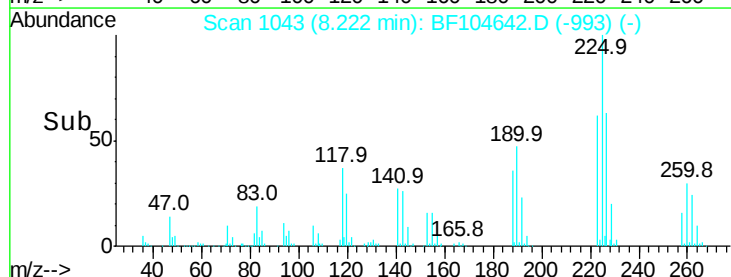
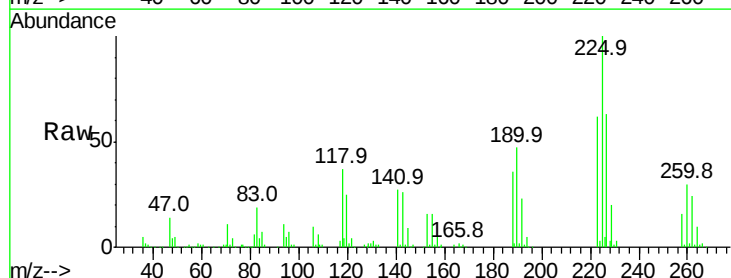
Instrument :
BNA_F
ClientSampleId :

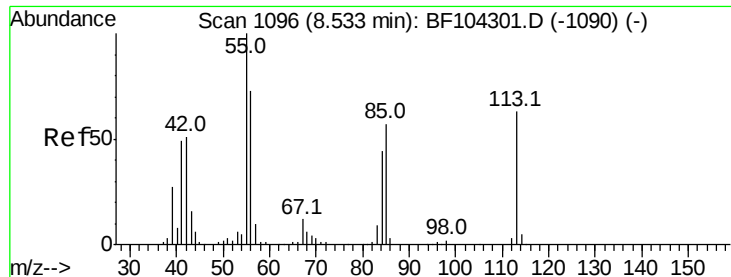
Tot Ion:	127	Resp:	162795
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.6	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 28.390 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:	225	Resp:	134527
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 31.677 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

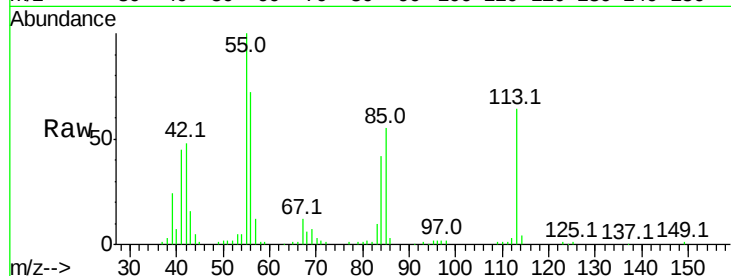
Tot Ion:113 Resp: 87109

Ion Ratio Lower Upper

113 100

55 156.7 163.3 203.3#

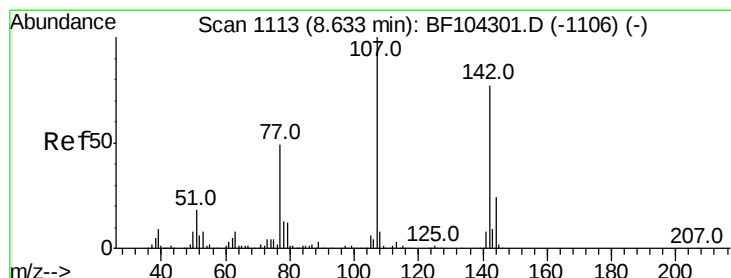
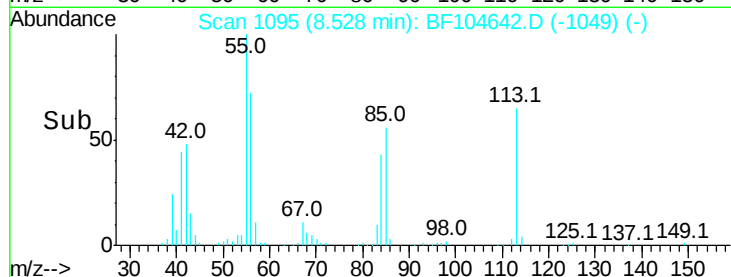
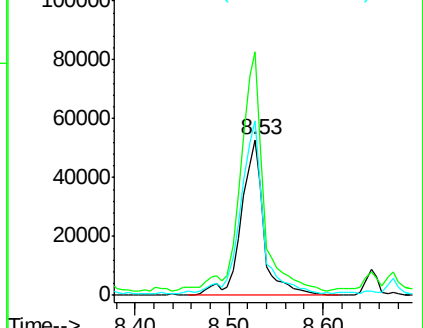
56 112.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.102 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

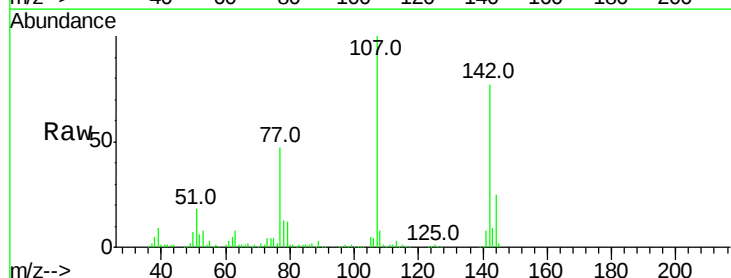
Tgt Ion:107 Resp: 271335

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

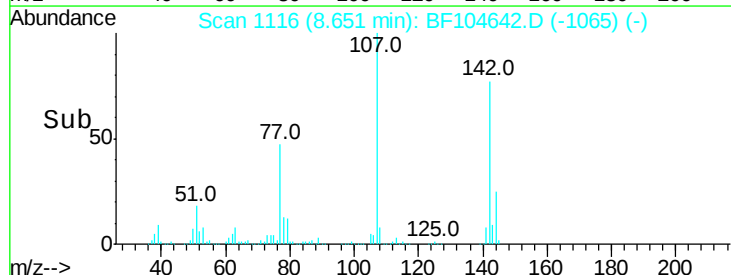
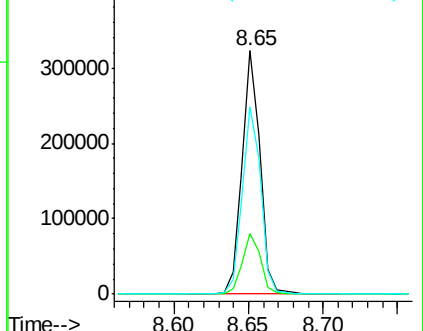
142 76.9 62.0 93.0

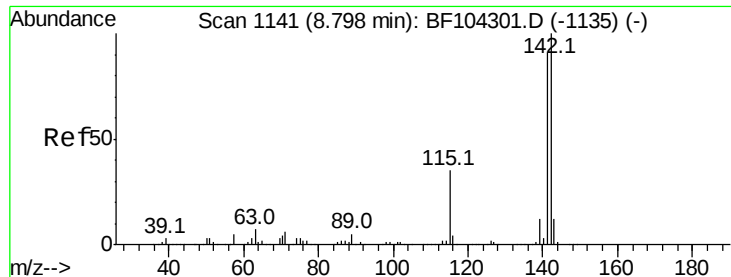


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

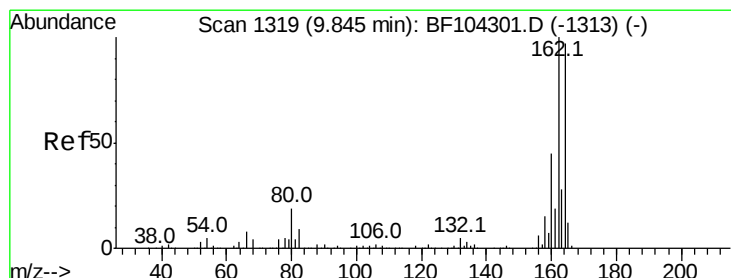
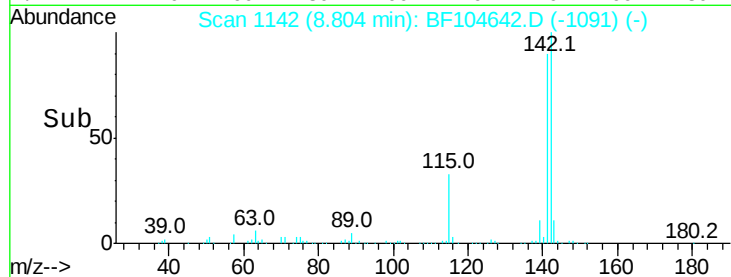
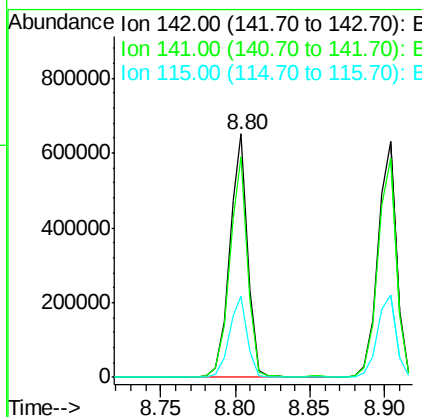
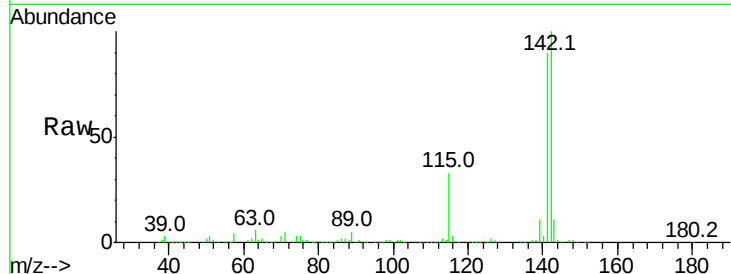




#37
 2-Methylnaphthalene
 Concen: 29.748 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

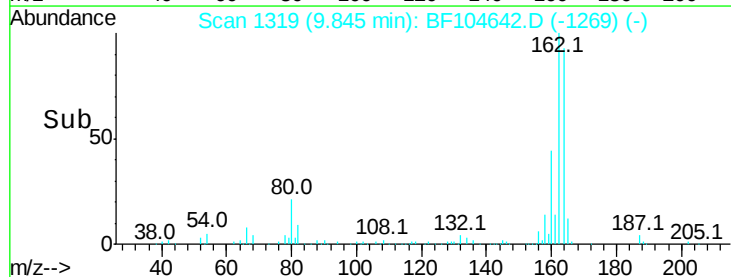
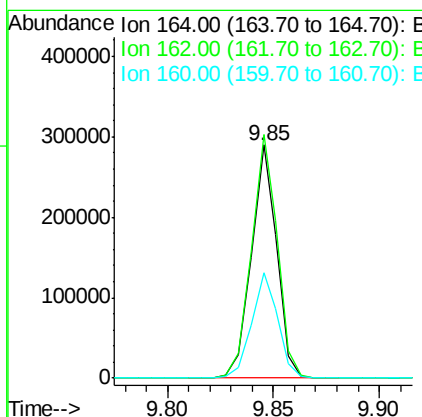
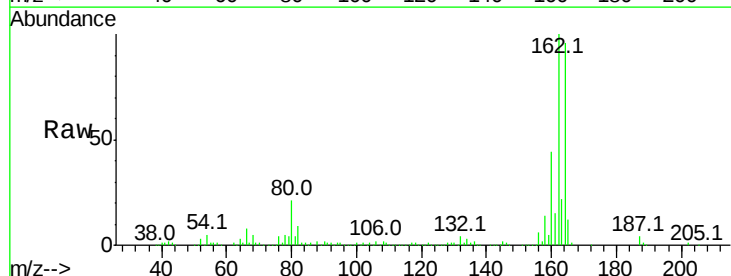
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	33.4	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.4	38.3	57.5

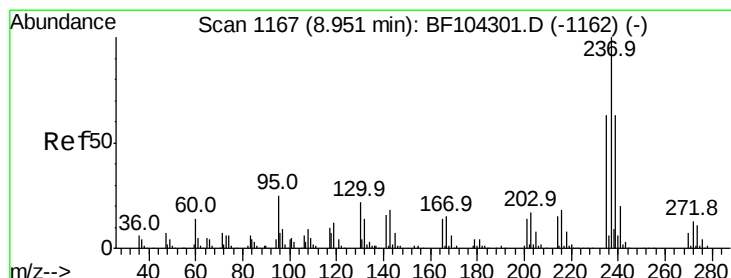
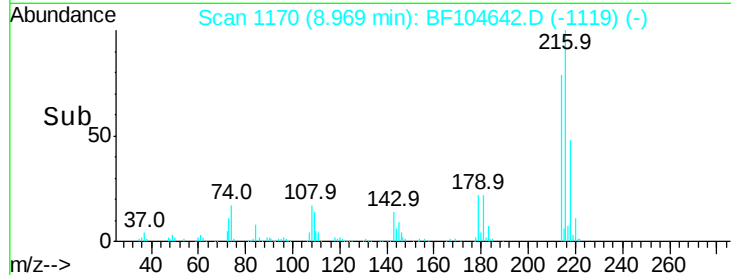
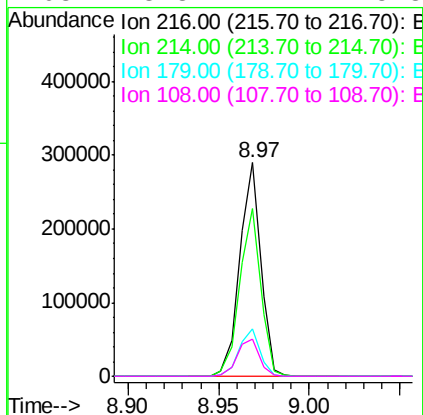
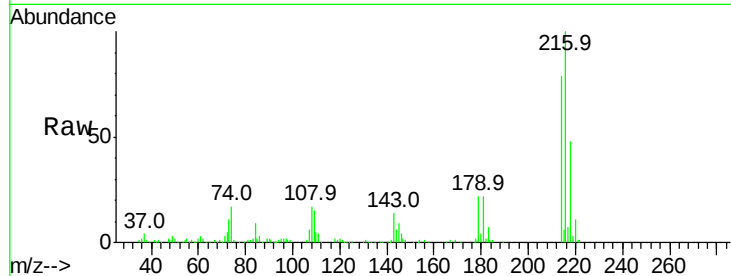




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.901 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

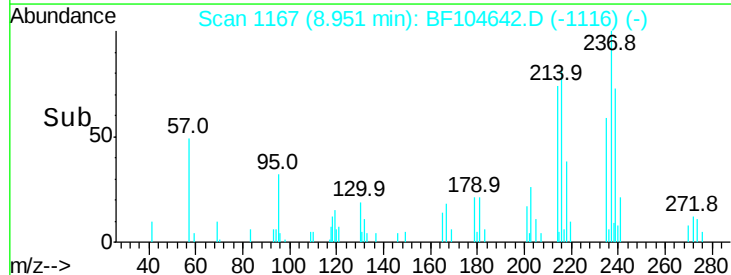
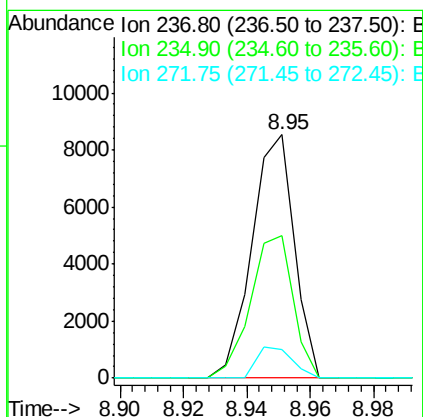
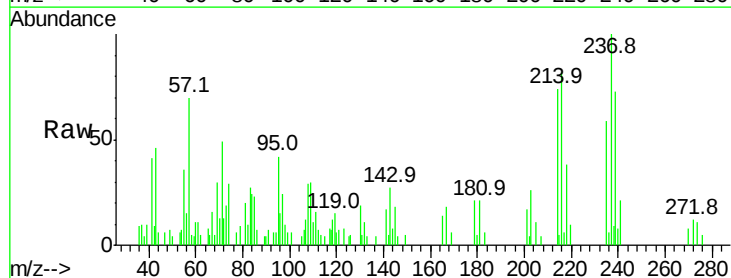
Instrument :
 BNA_F
 ClientSampleId :

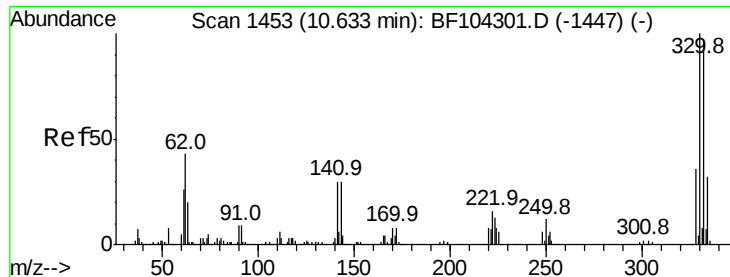
Tot Ion:	216	Resp:	234131
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.5	18.1	27.1
108	18.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 2.052 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion:	237	Resp:	7934
Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	12.0	0.0	33.3

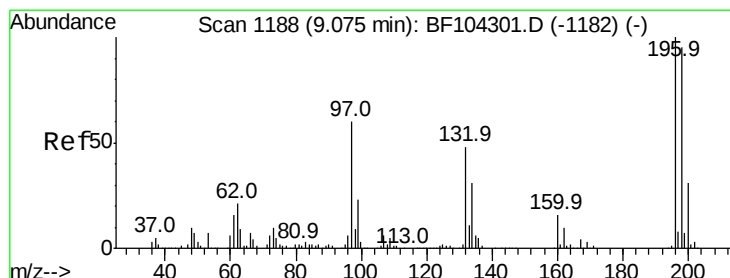
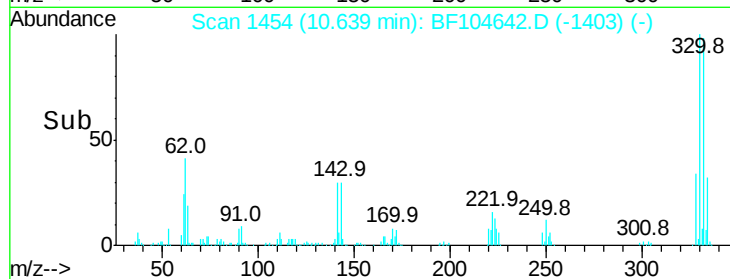
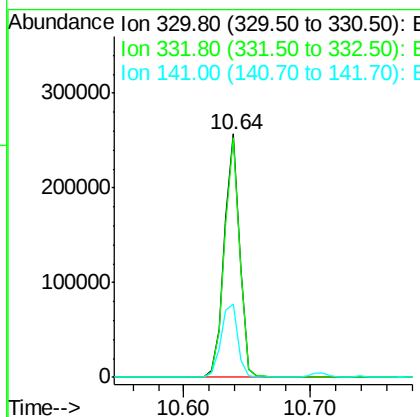
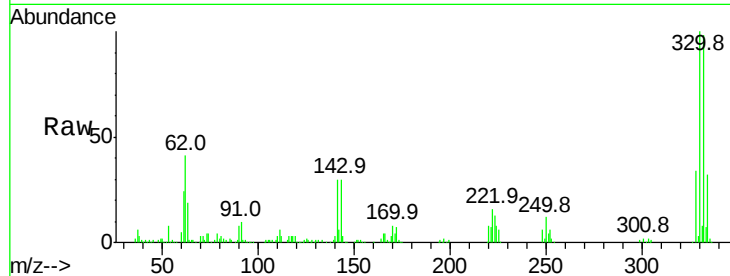




#41
 2,4,6-Tribromophenol
 Concen: 86.415 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

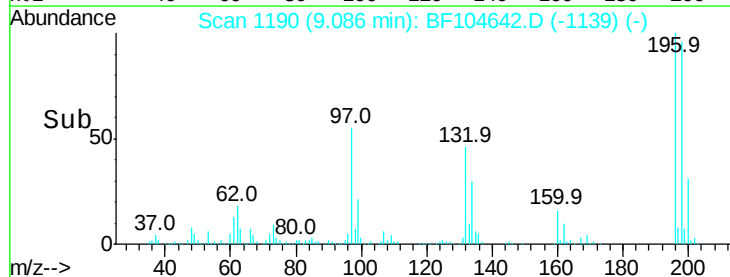
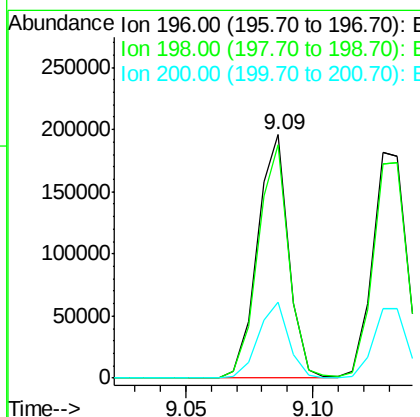
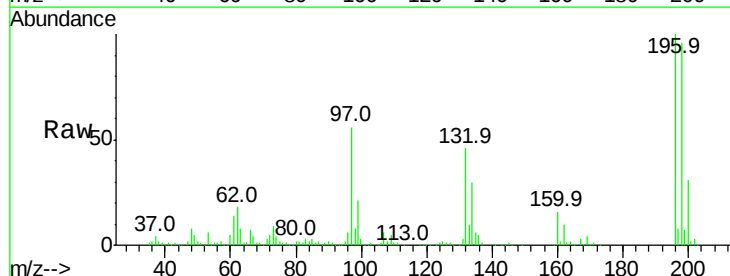
Instrument :
 BNA_F
 ClientSampleId :

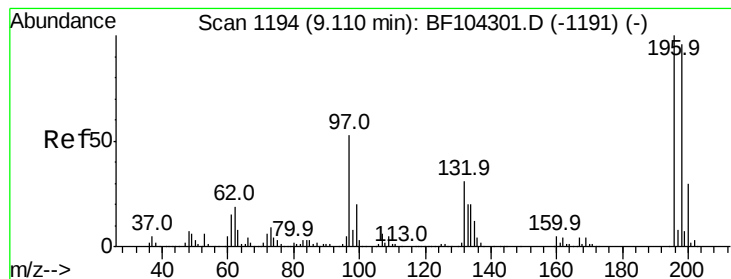
Tot Ion:330 Resp: 216272
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 35.032 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion:196 Resp: 167956
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 31.1 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 32.824 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 176102

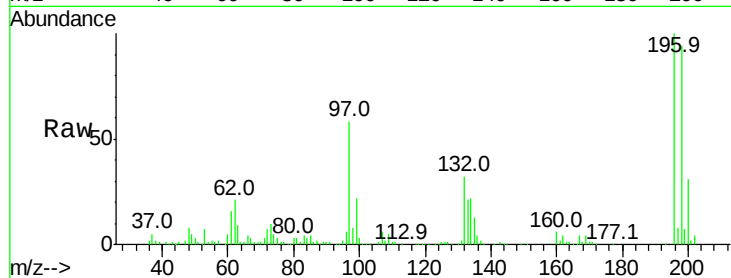
Ion Ratio Lower Upper

196 100

198 94.5 74.6 112.0

97 57.6 42.9 64.3

132 31.9 26.3 39.5

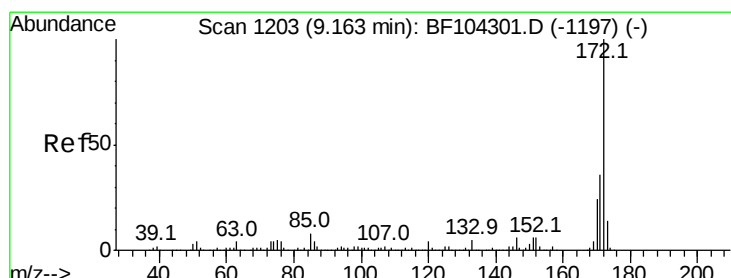
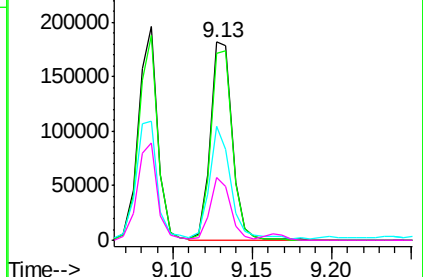
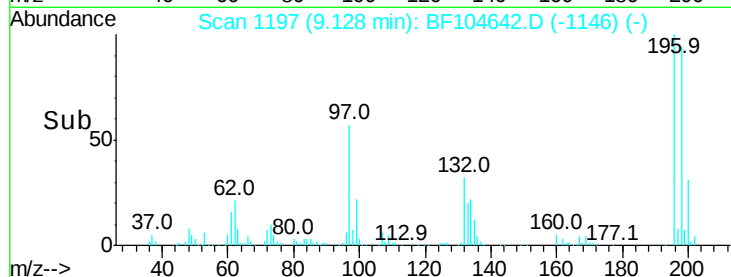


Abundance Ion 196.00 (195.70 to 196.70): E

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: 64.914 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

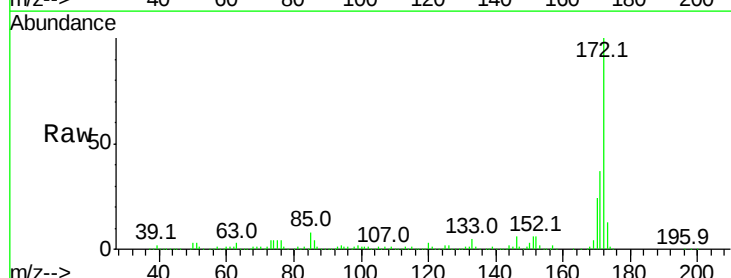
Tgt Ion:172 Resp: 991384

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

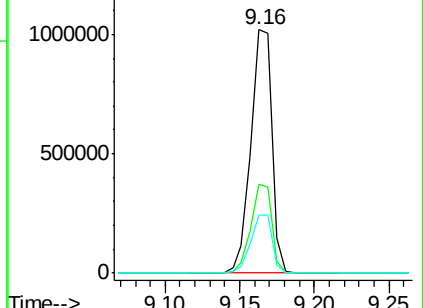
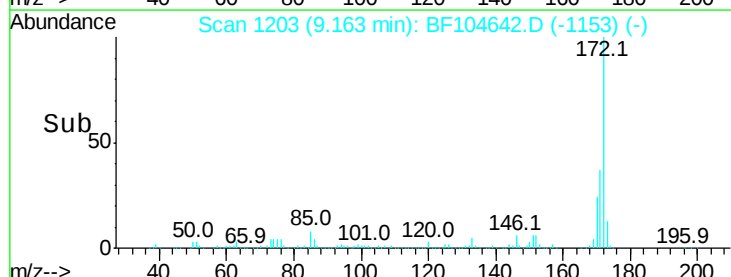
170 24.1 19.6 29.4

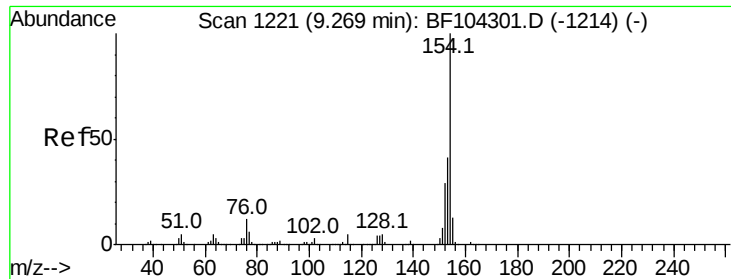


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

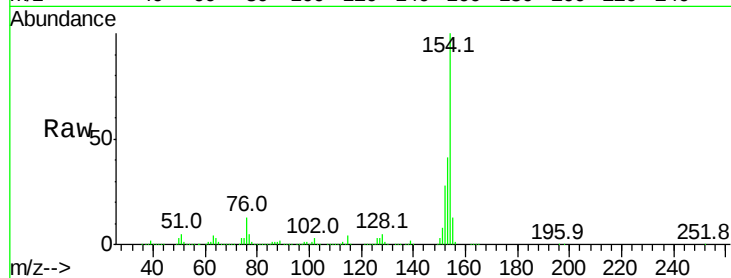




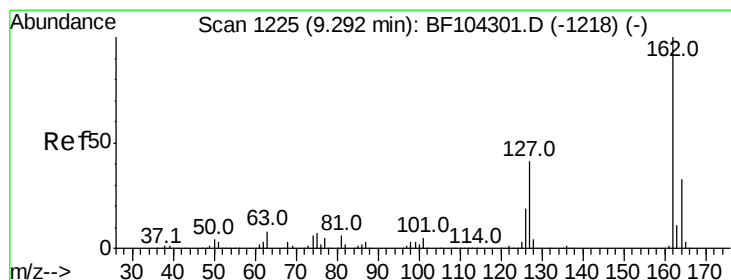
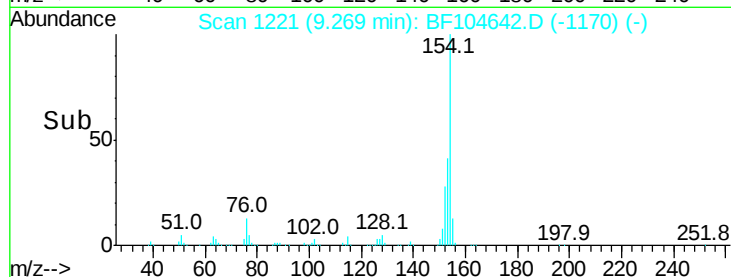
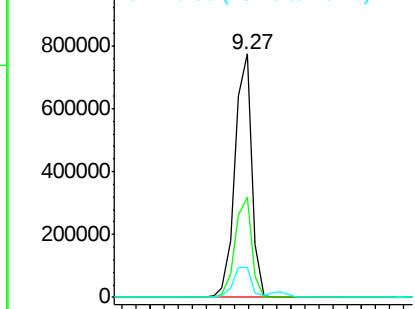
#45
 1,1'-Biphenyl
 Concen: 31.506 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.5	0.0	34.0

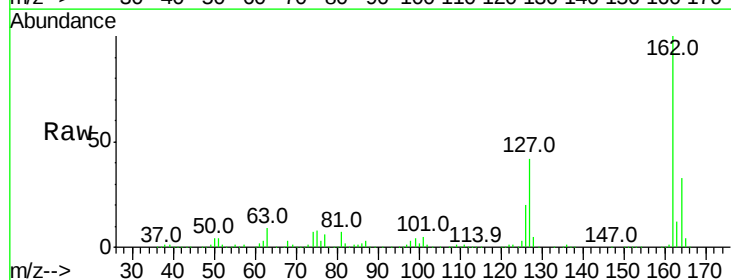


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

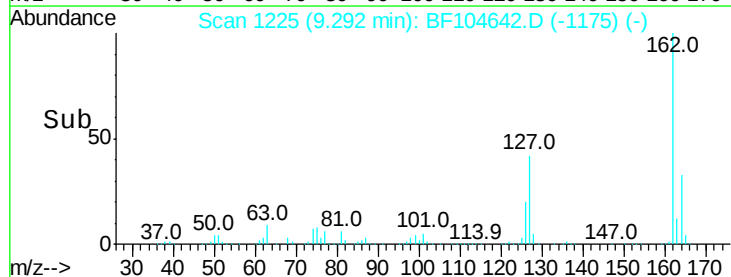
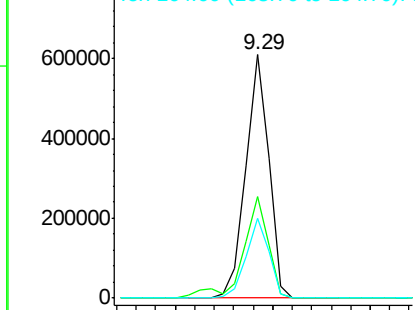


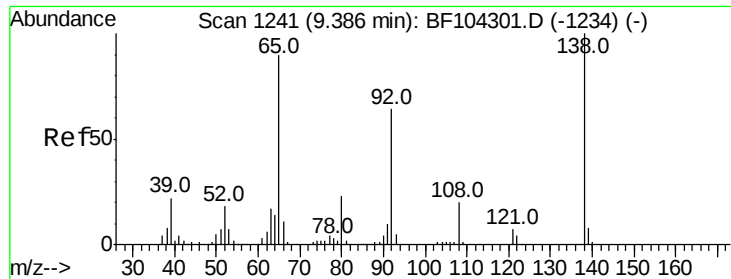
#46
 2-Chloronaphthalene
 Concen: 31.213 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	33.0	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: 41.828 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

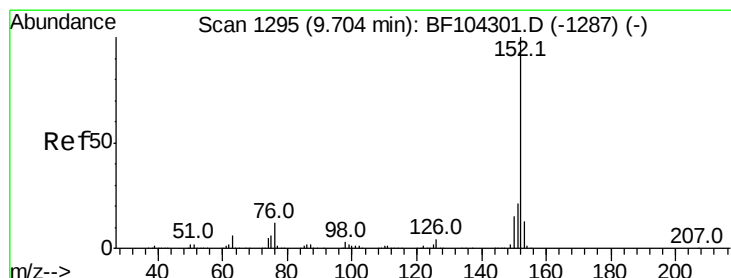
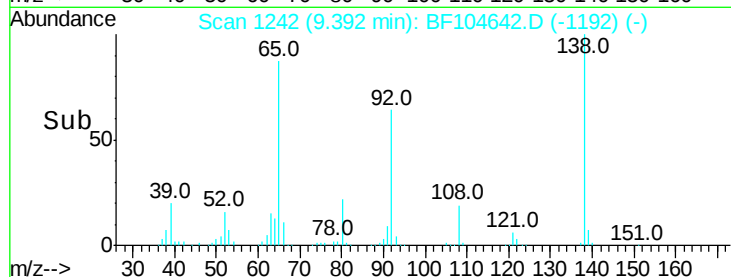
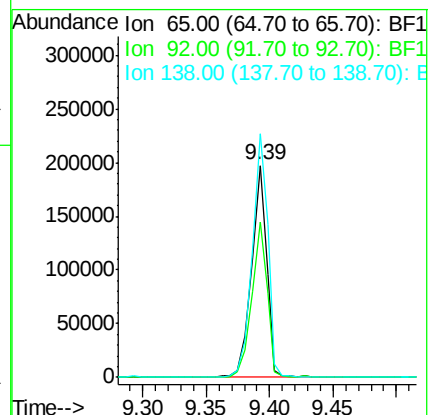
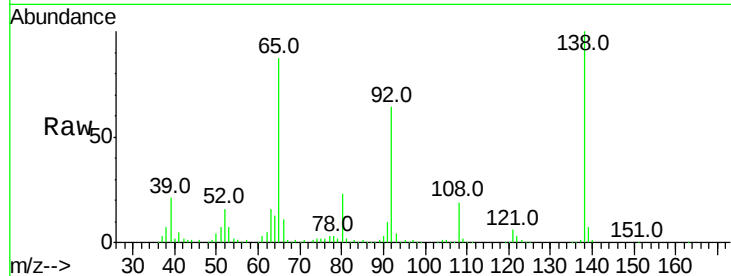
Tot Ion: 65 Resp: 165598

Ion Ratio Lower Upper

65 100

92 73.1 55.8 83.6

138 114.9 91.2 136.8



#48

Acenaphthylene

Concen: 29.297 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

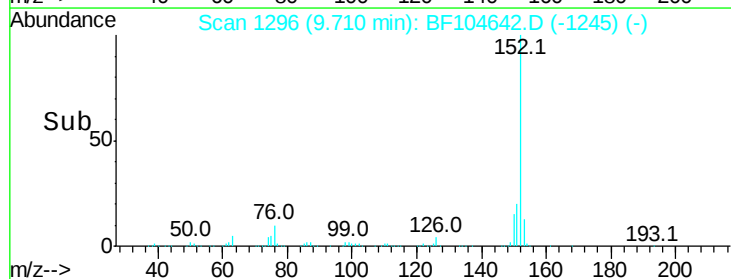
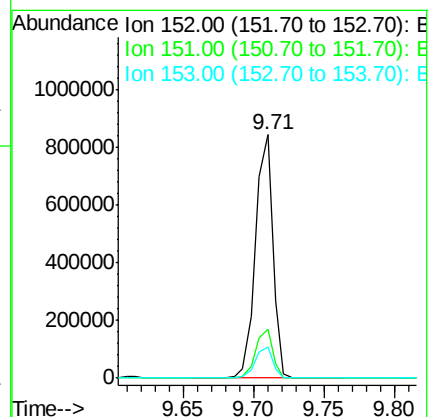
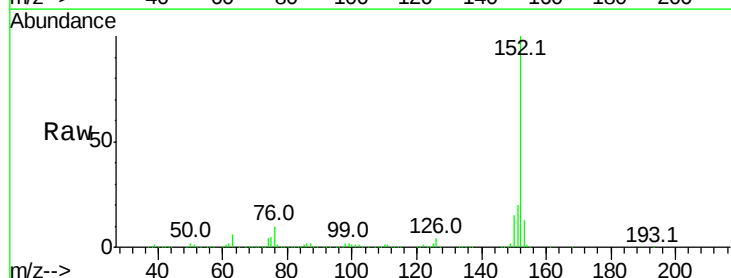
Tgt Ion: 152 Resp: 735870

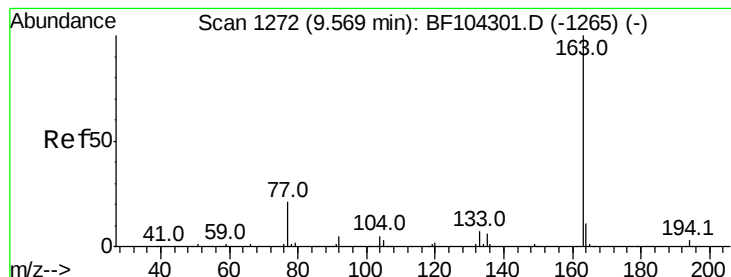
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 39.889 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

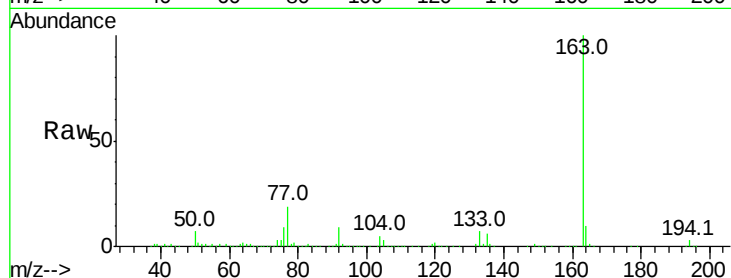
Tot Ion:163 Resp: 758906

Ion Ratio Lower Upper

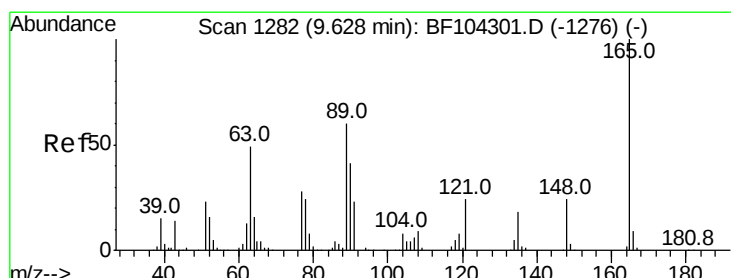
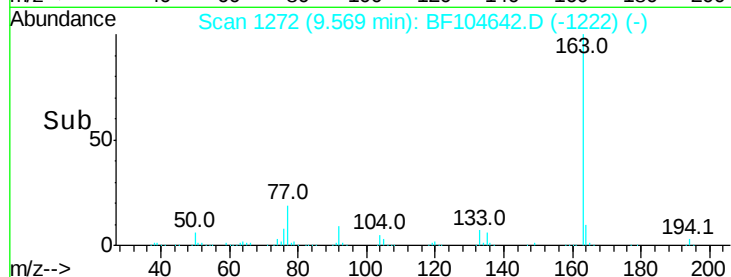
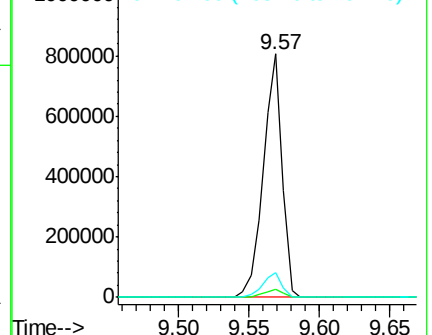
163 100

194 3.4 2.7 4.1

164 10.2 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: 36.591 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

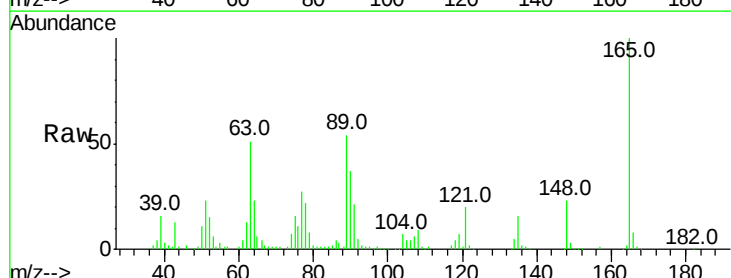
Tgt Ion:165 Resp: 128816

Ion Ratio Lower Upper

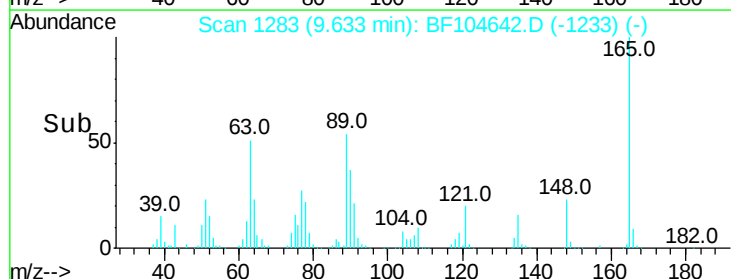
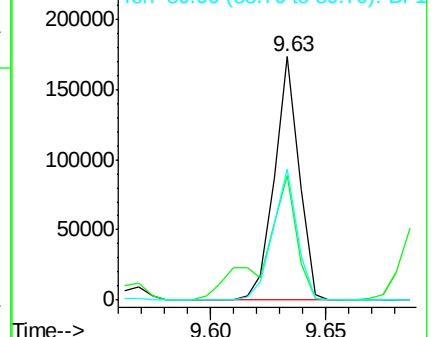
165 100

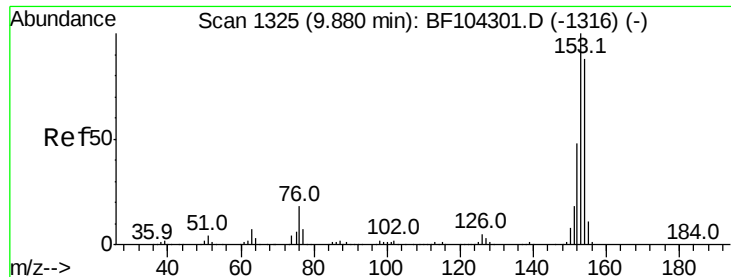
63 51.1 44.7 67.1

89 53.7 44.0 66.0



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





#51

Acenaphthene

Concen: 27.402 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

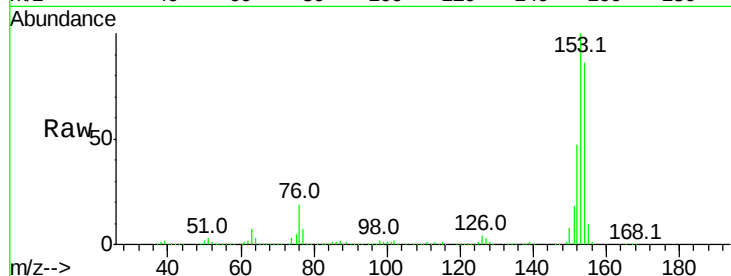
Tot Ion:154 Resp: 419948

Ion Ratio Lower Upper

154 100

153 116.4 91.2 136.8

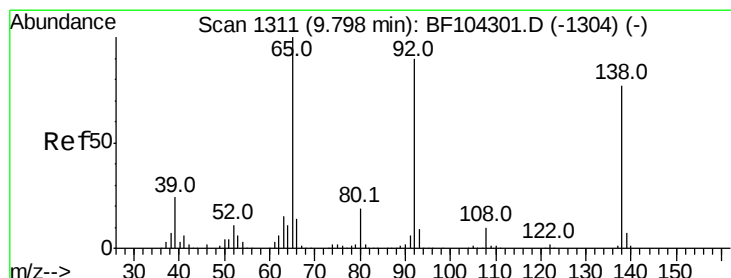
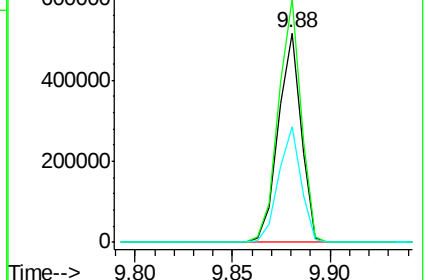
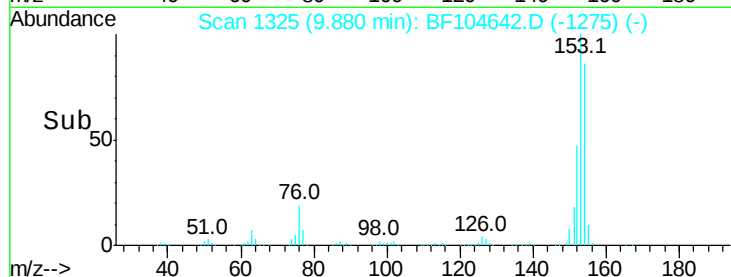
152 55.1 43.8 65.8



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: 28.529 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

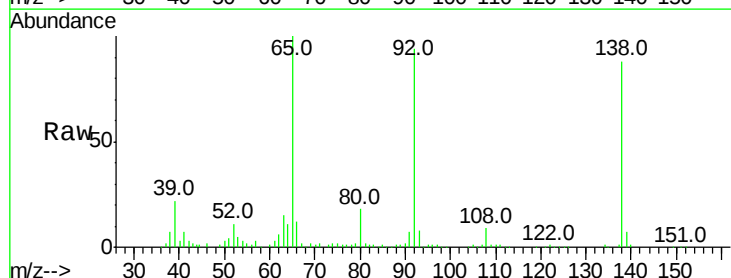
Tgt Ion:138 Resp: 117580

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

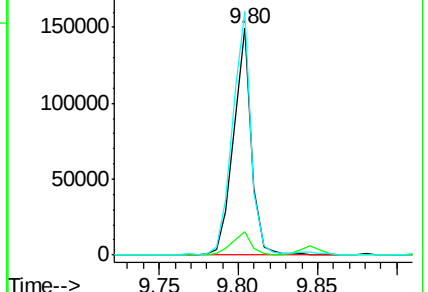
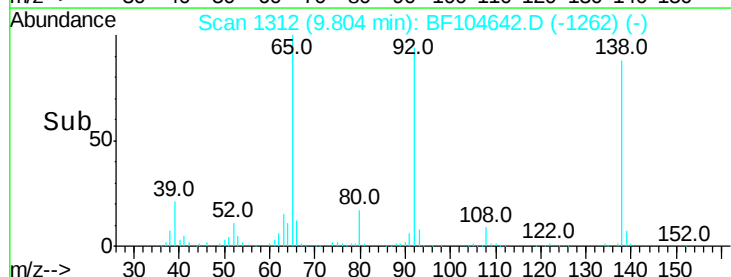
92 107.3 89.4 134.2

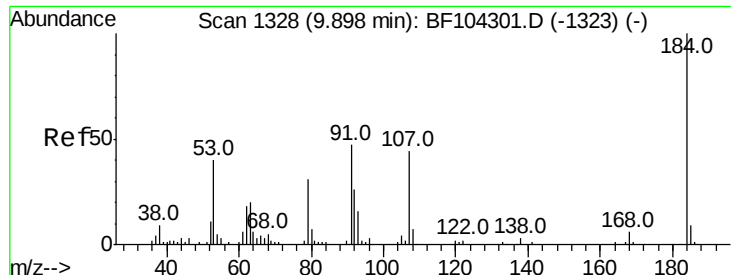


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

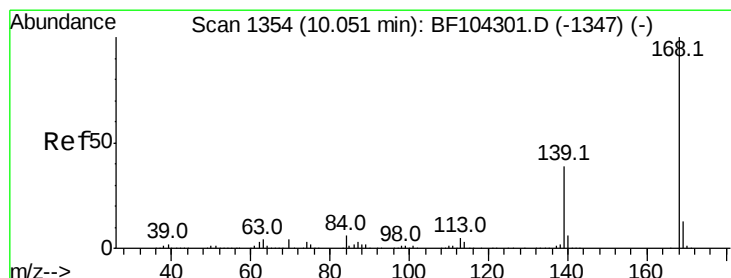
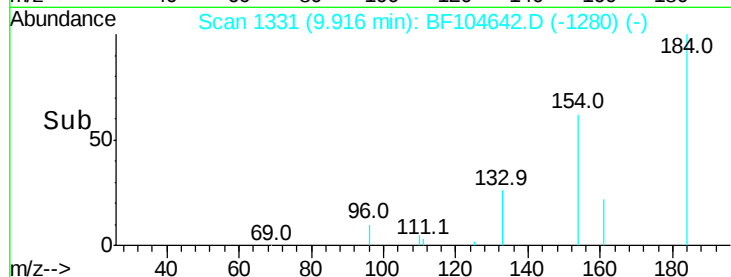
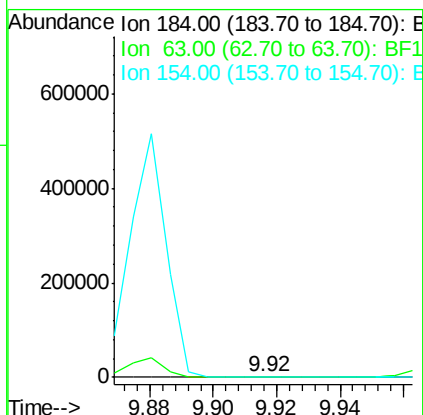
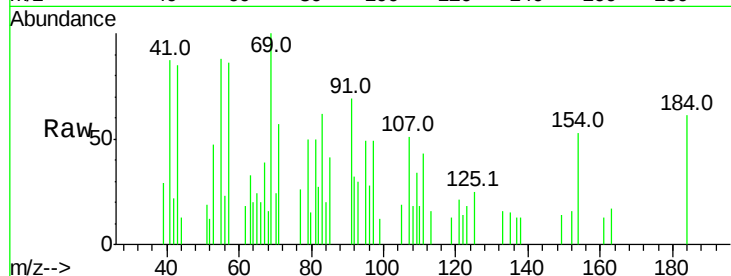




#53
 2,4-Dinitrophenol
 Concen: 6.787 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

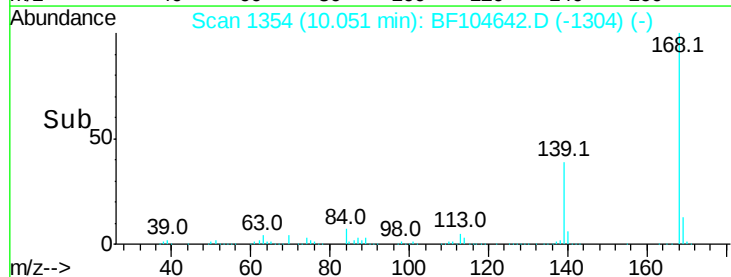
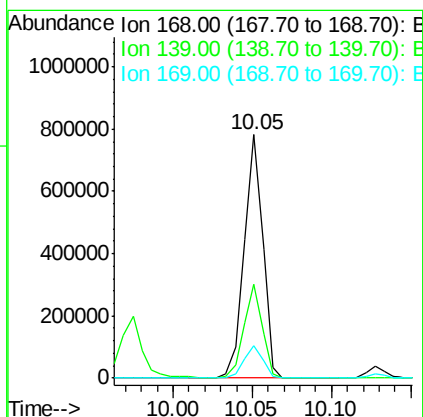
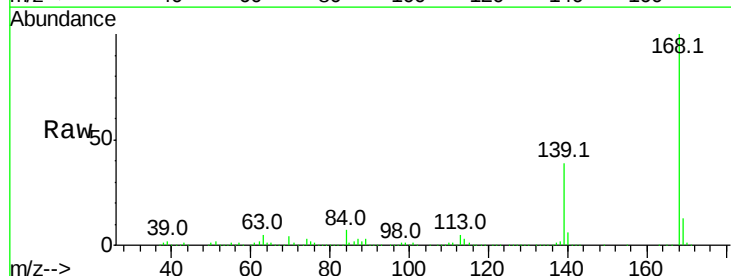
Instrument :
 BNA_F
 ClientSampleId :

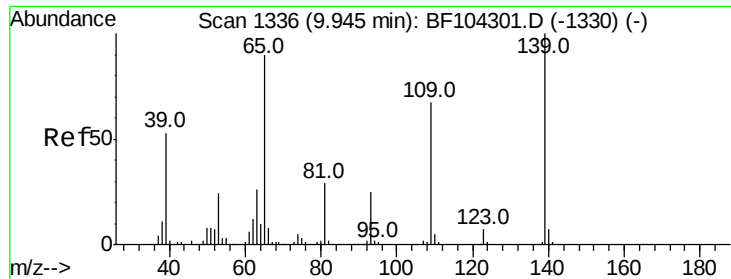
Tot Ion:184 Resp: 1607
 Ion Ratio Lower Upper
 184 100
 63 54.7 54.2 81.2
 154 86.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 29.765 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion:168 Resp: 635693
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 13.3 10.9 16.3

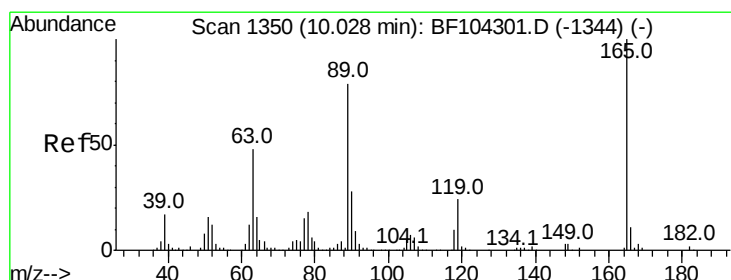
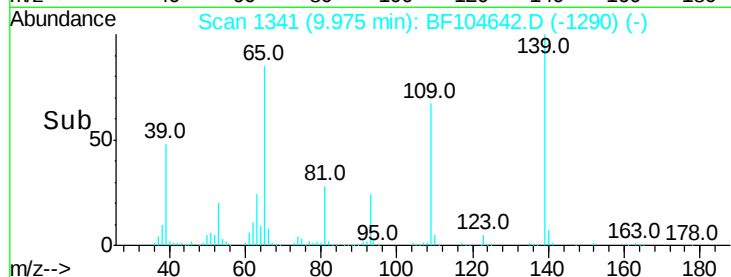
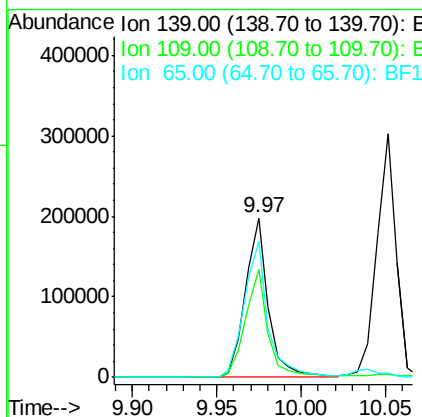
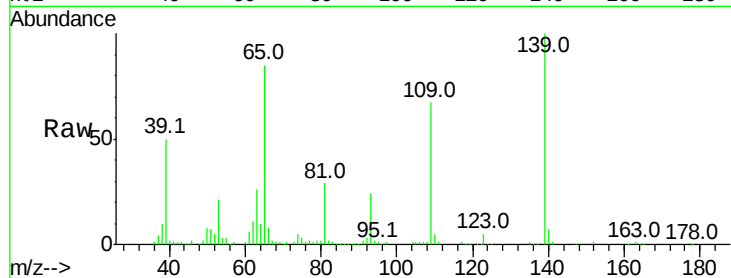




#55
4-Nitrophenol
Concen: 58.327 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

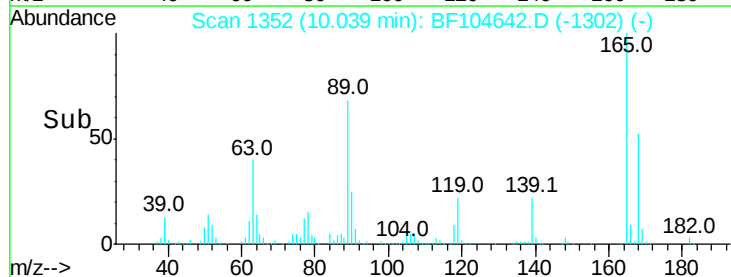
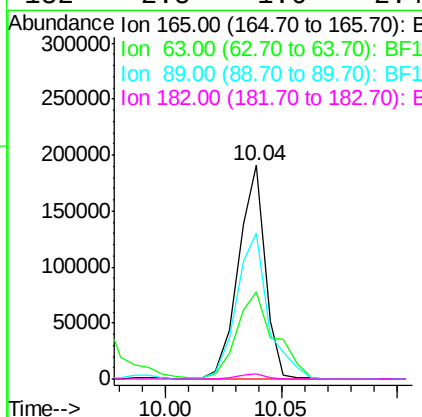
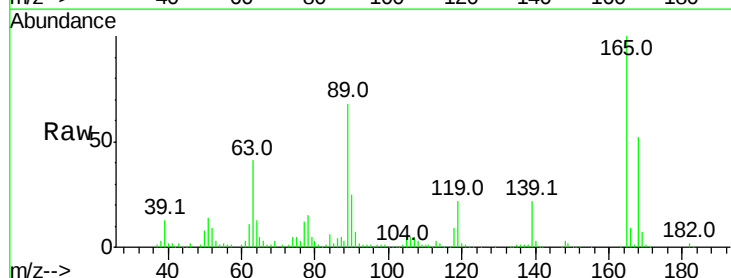
Instrument :
BNA_F
ClientSampleId :

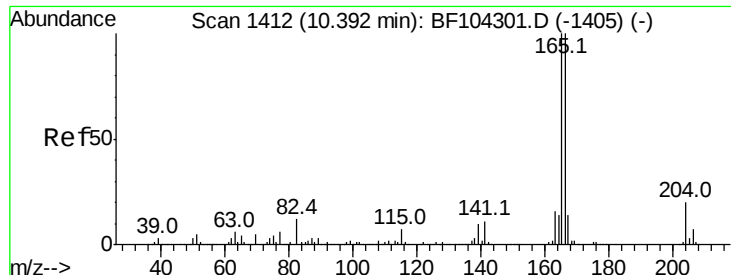
Tot Ion:139 Resp: 188836
Ion Ratio Lower Upper
139 100
109 67.4 48.4 88.4
65 85.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.411 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:165 Resp: 154286
Ion Ratio Lower Upper
165 100
63 40.5 36.4 54.6
89 68.2 57.8 86.6
182 2.5 1.6 2.4#

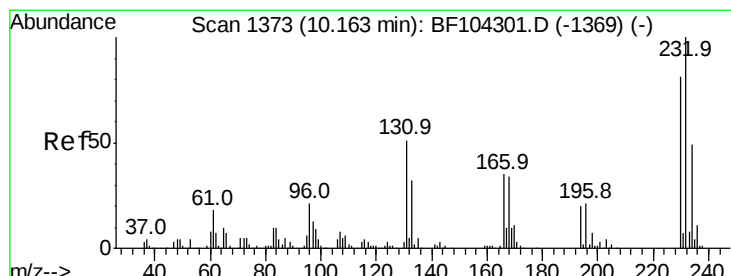
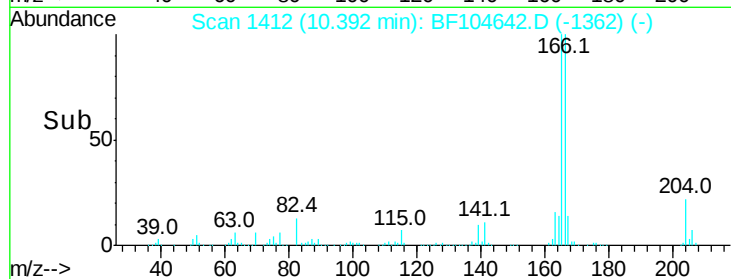
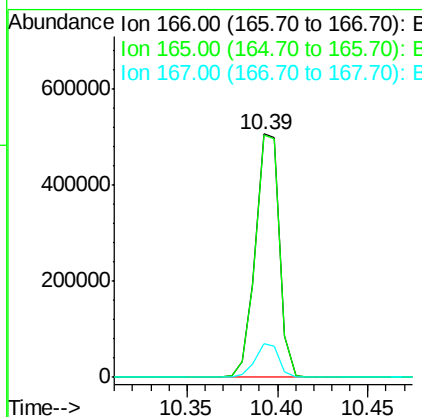
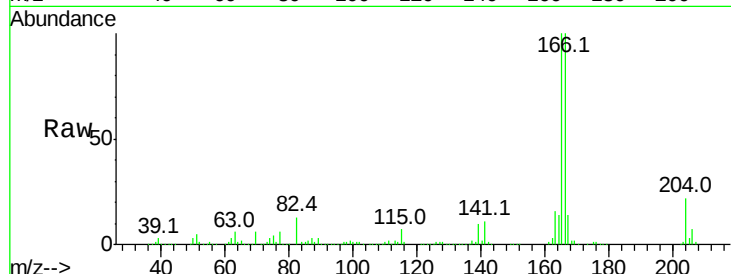




#57
Fluorene
 Concen: 30.204 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

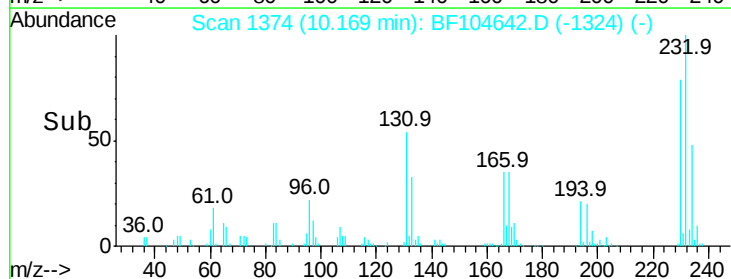
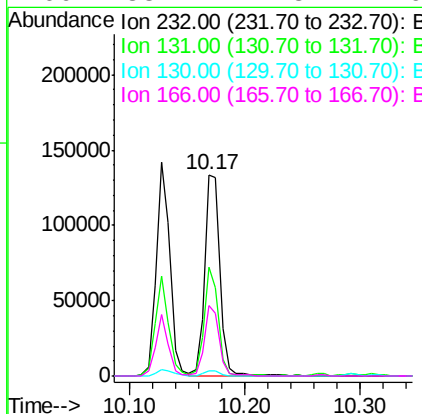
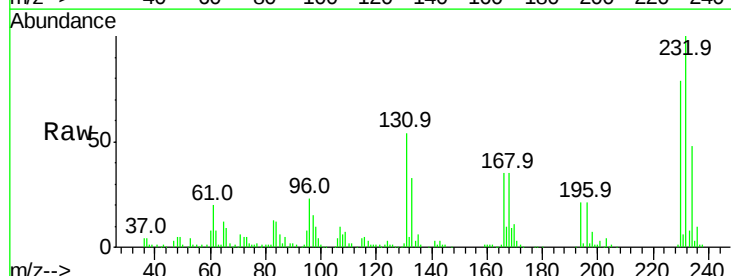
Instrument :
 BNA_F
 ClientSampleId :

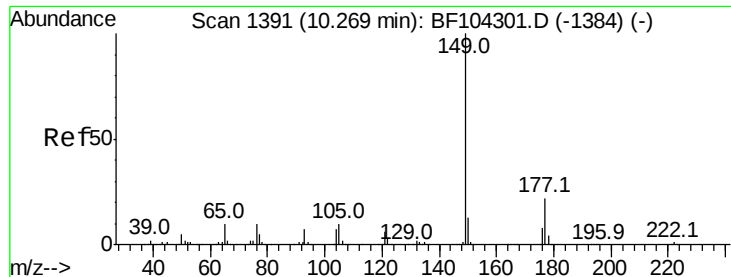
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.058 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.1	43.8	65.8
130	2.4	2.1	3.1
166	33.4	27.8	41.6

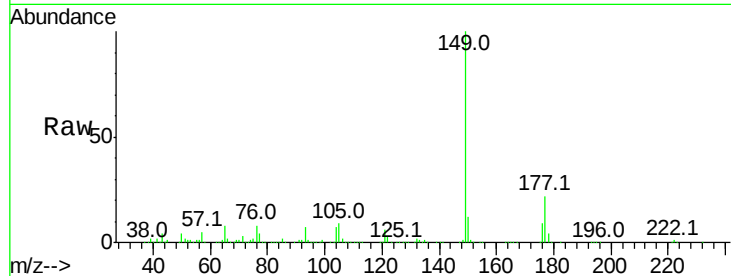




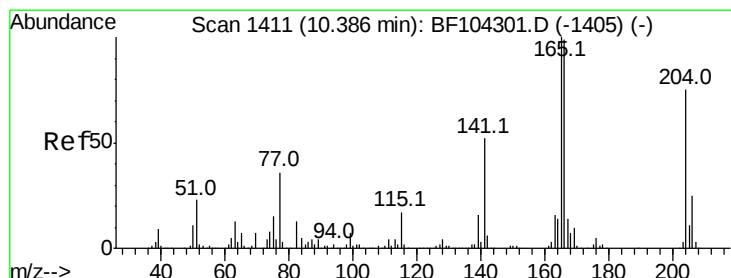
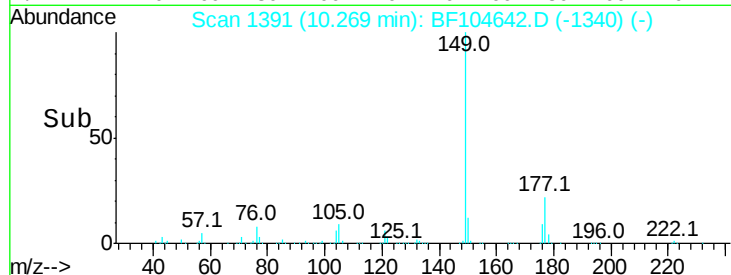
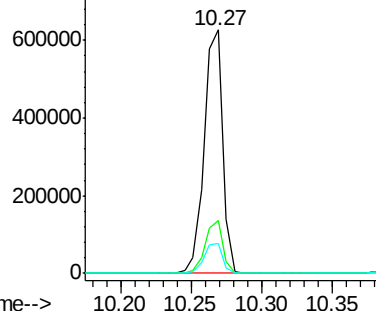
#59
Diethylphthalate
Concen: 30.197 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 572188
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.4 10.1 15.1

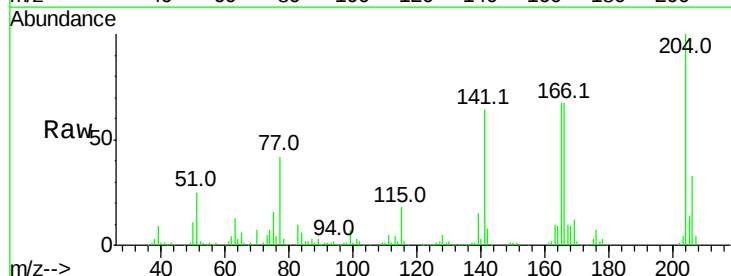


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

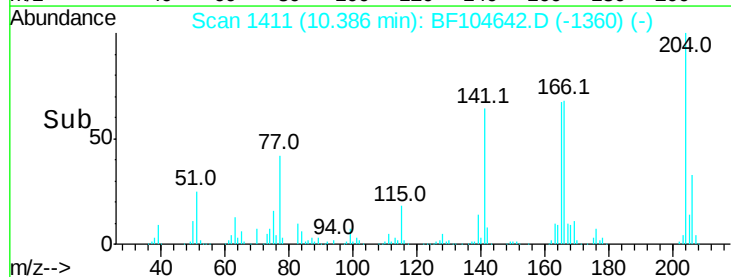
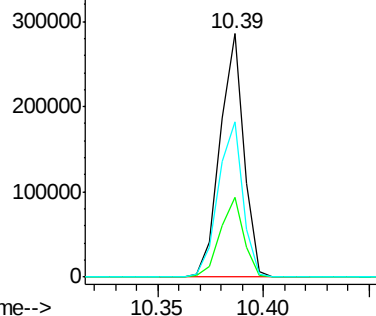


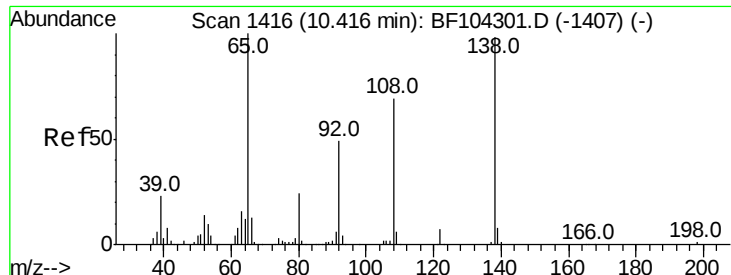
#60
4-Chlorophenyl-phenylether
Concen: 32.388 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:204 Resp: 224228
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.0 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

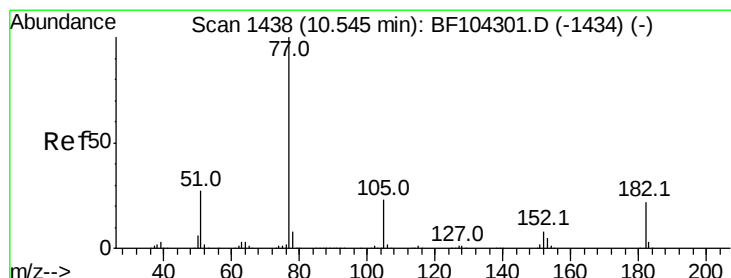
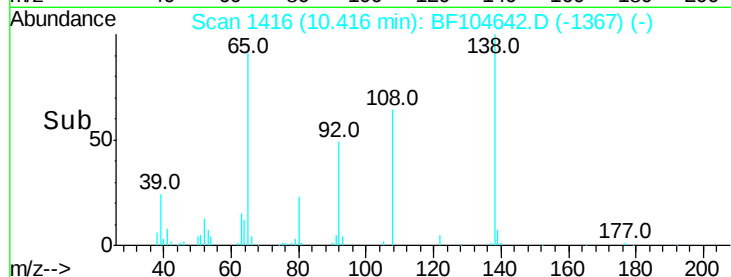
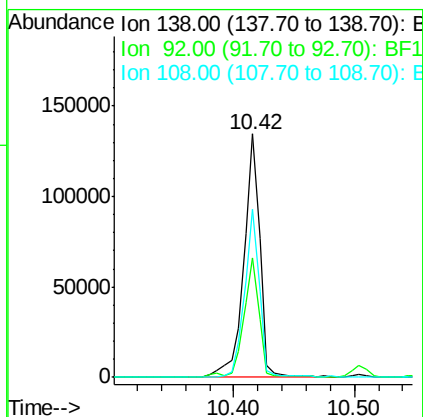
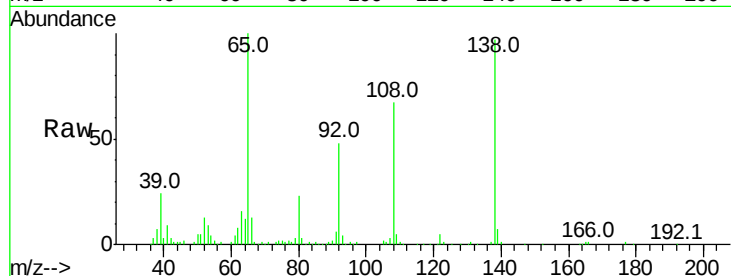




#61
4-Nitroaniline
Concen: 31.156 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

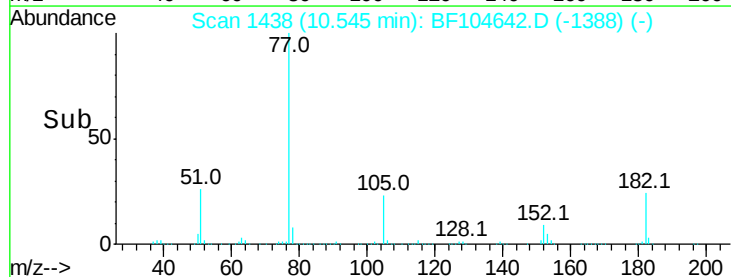
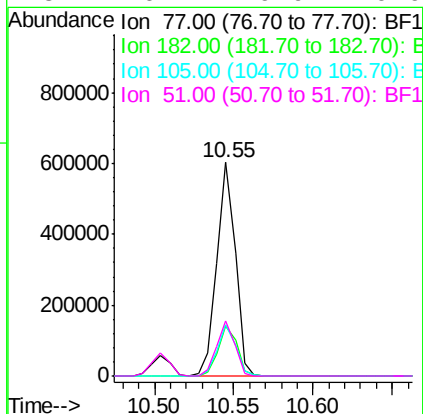
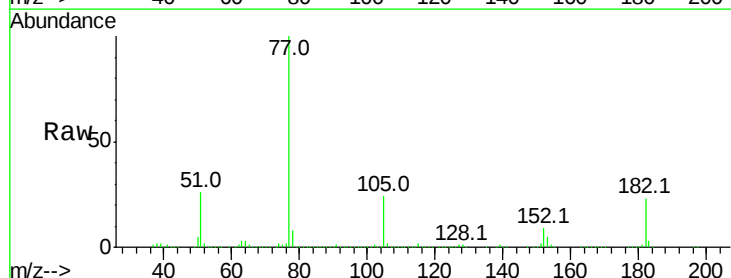
Instrument :
BNA_F
ClientSampleId :

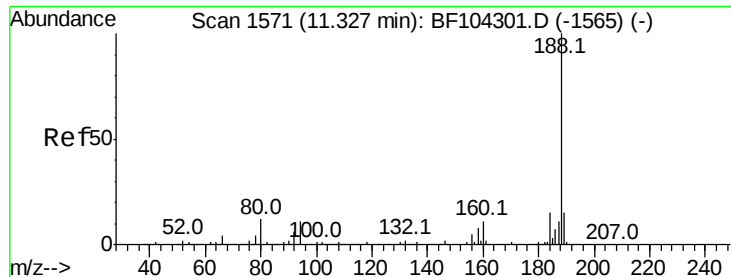
Tot Ion:138 Resp: 125553
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 68.9 52.5 92.5



#62
Azobenzene
Concen: 26.831 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion: 77 Resp: 485714
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.9 3.0 43.0
51 26.1 9.9 49.9

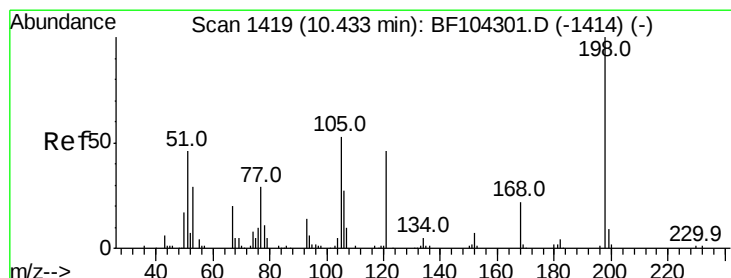
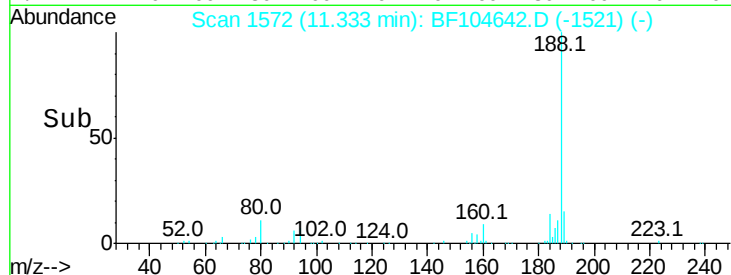
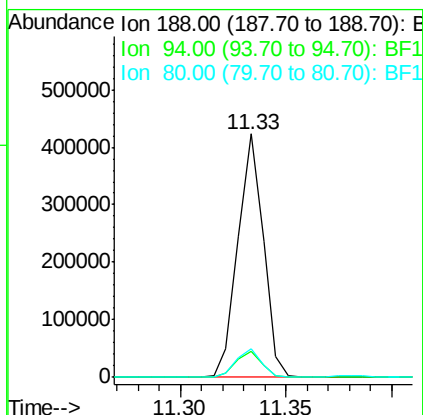
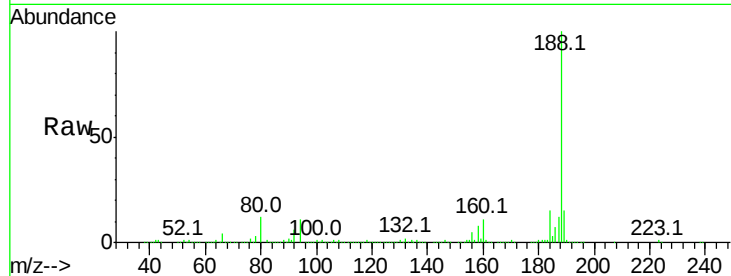




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

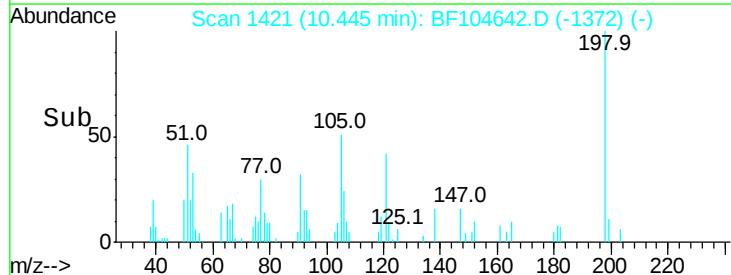
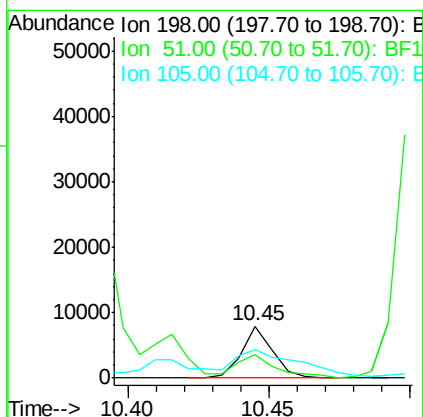
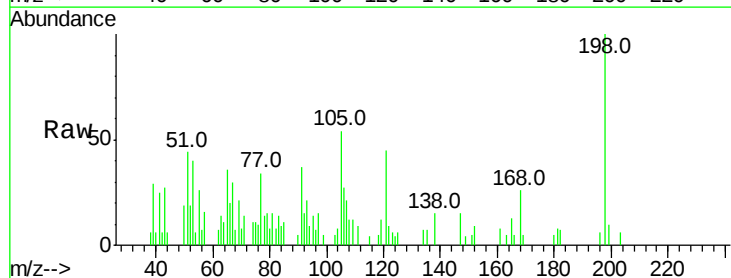
Instrument :
BNA_F
ClientSampleId :

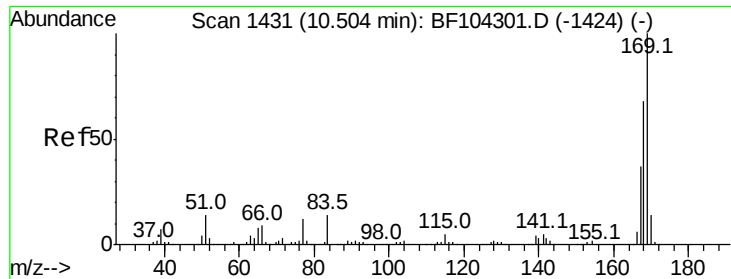
Tot Ion:188 Resp: 354421
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.292 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:198 Resp: 6002
Ion Ratio Lower Upper
198 100
51 44.4 37.7 77.7
105 54.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.342 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

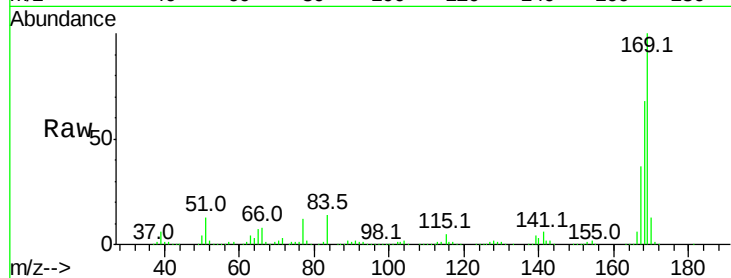
Tot Ion:169 Resp: 446593

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

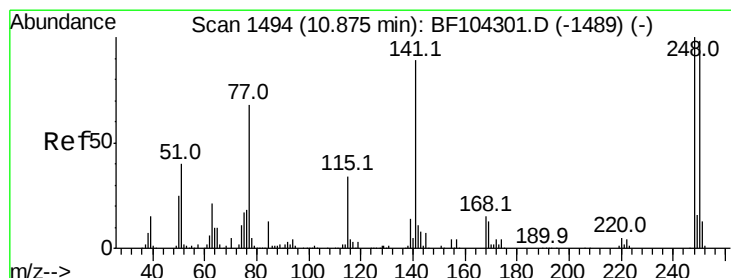
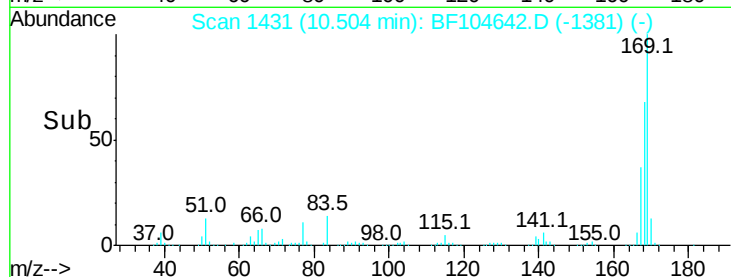
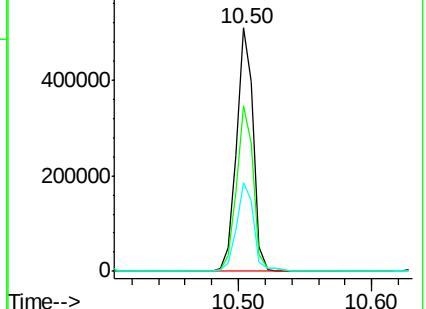
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.221 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

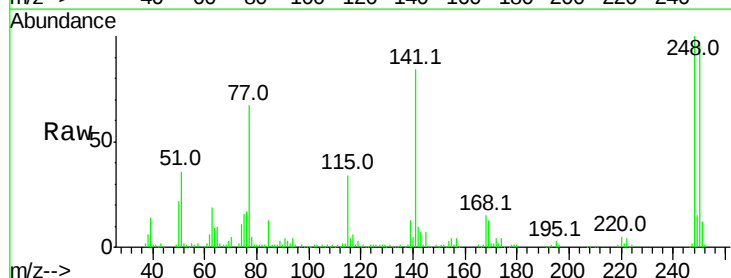
Tgt Ion:248 Resp: 129008

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

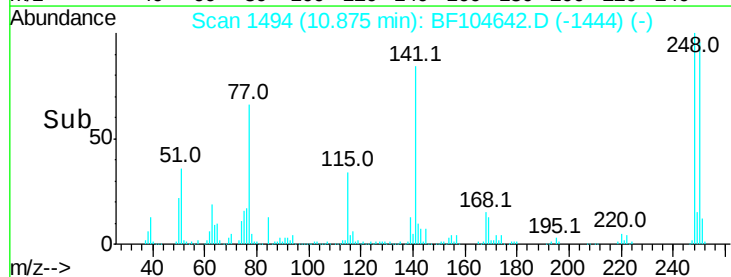
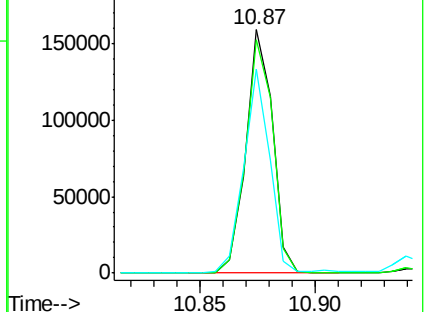
141 84.0 74.4 111.6

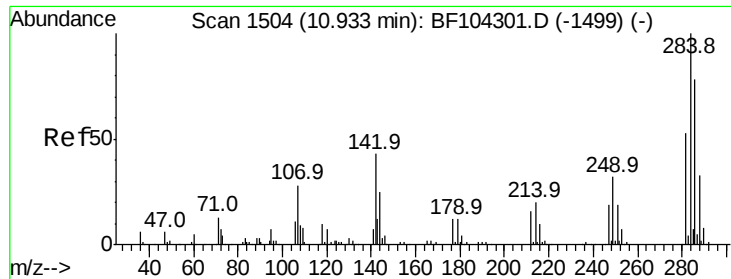


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

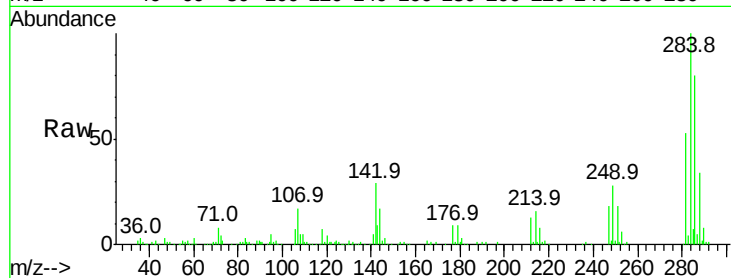




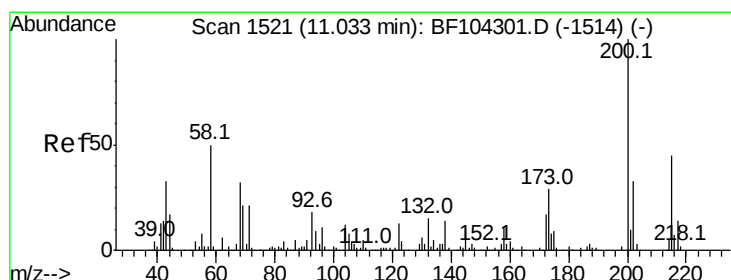
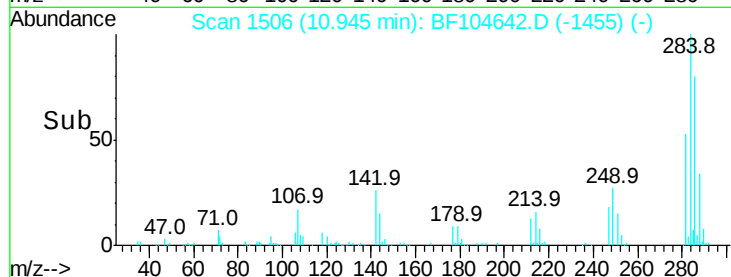
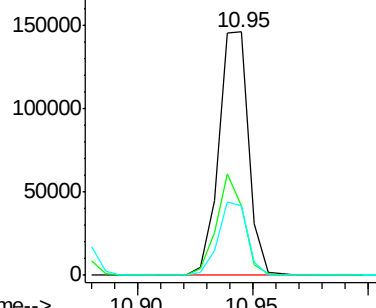
#67
Hexachlorobenzene
Concen: 31.234 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.6	34.6	52.0#
249	28.5	24.8	37.2

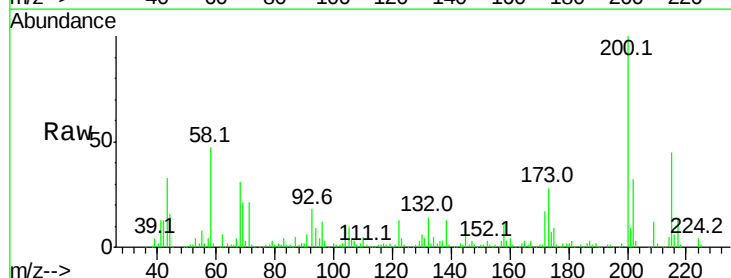


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

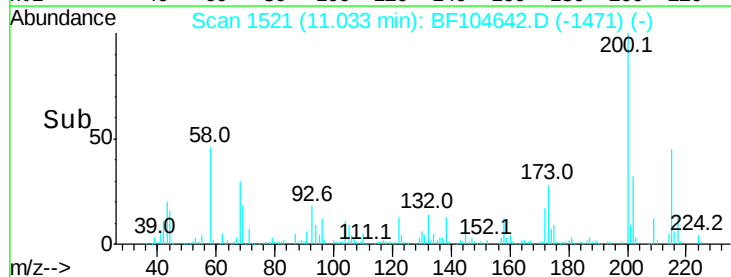
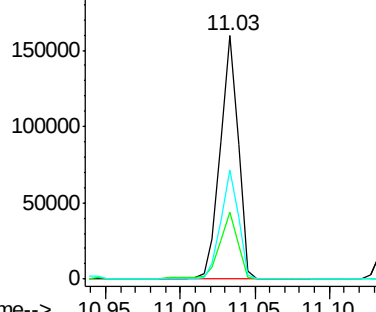


#68
Atrazine
Concen: 35.818 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	44.7	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

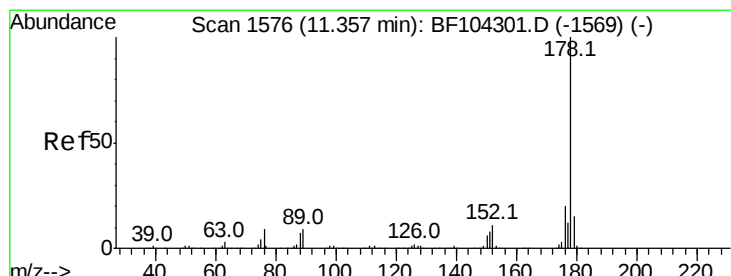
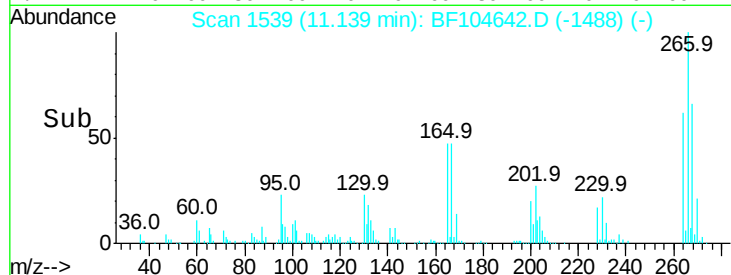
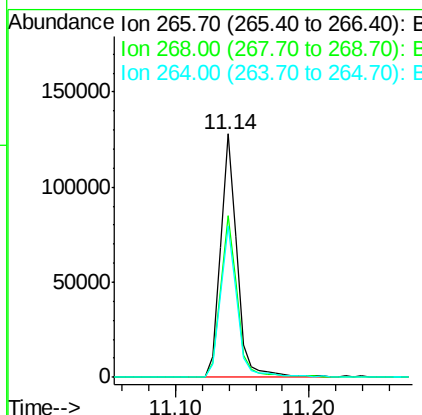
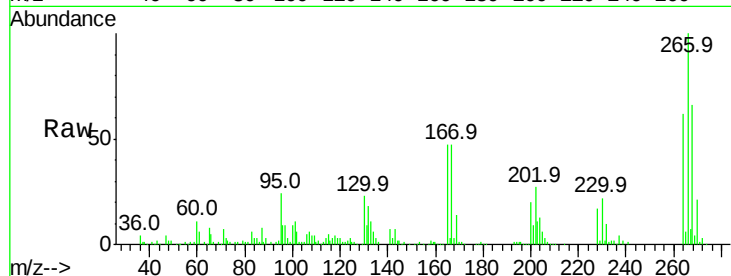




#69
 Pentachlorophenol
 Concen: 43.141 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

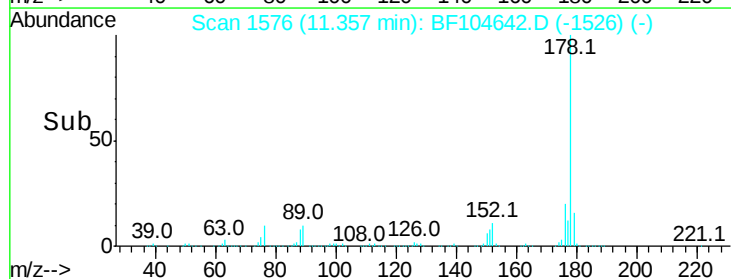
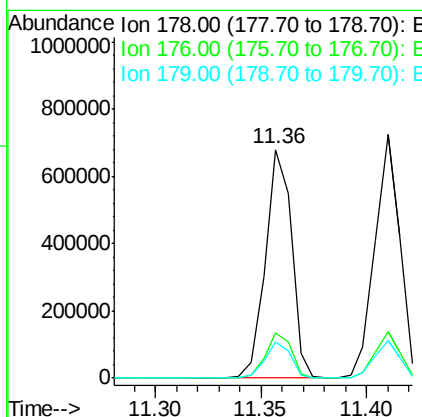
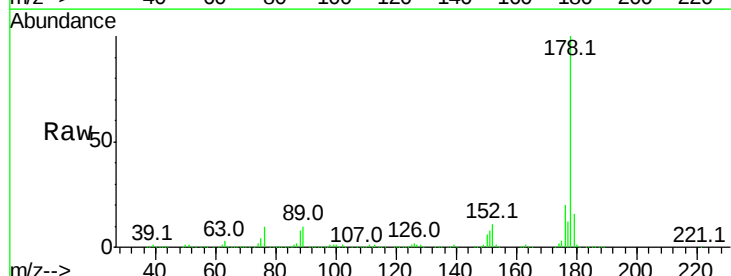
Instrument :
 BNA_F
 ClientSampleId :

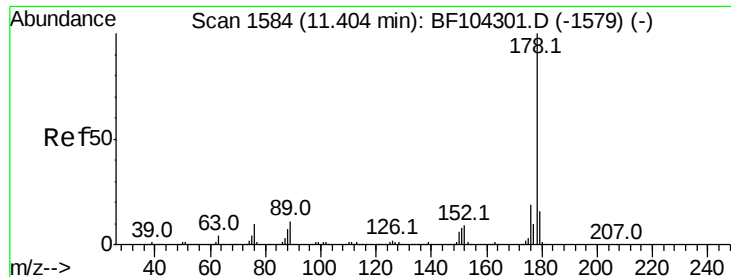
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 29.779 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	13.0	19.6

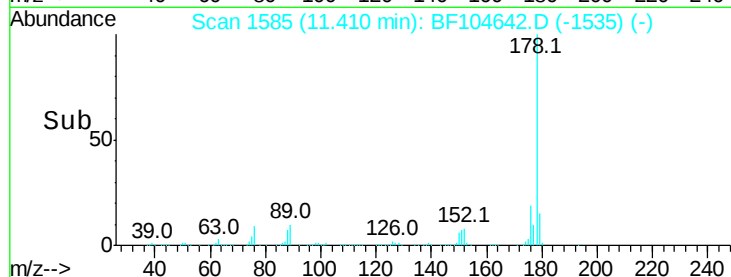
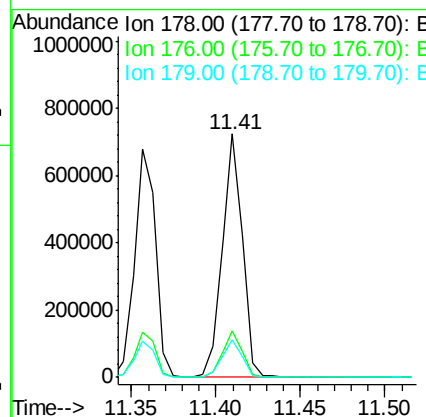
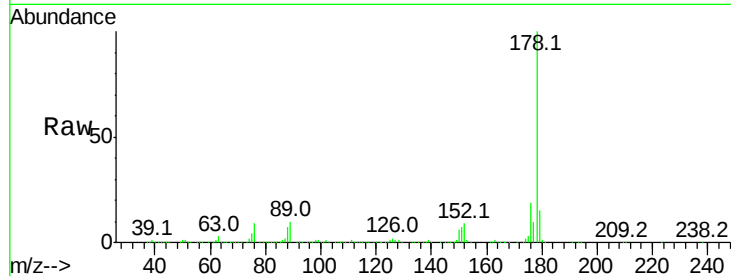




#71
 Anthracene
 Concen: 30.092 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

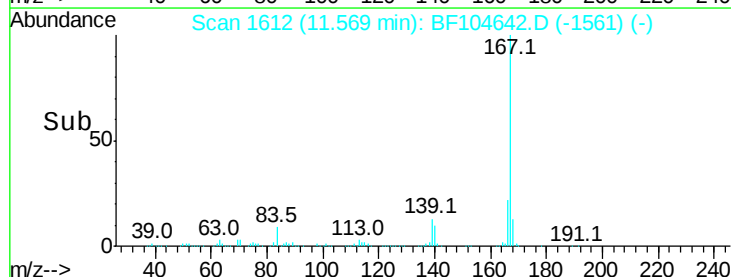
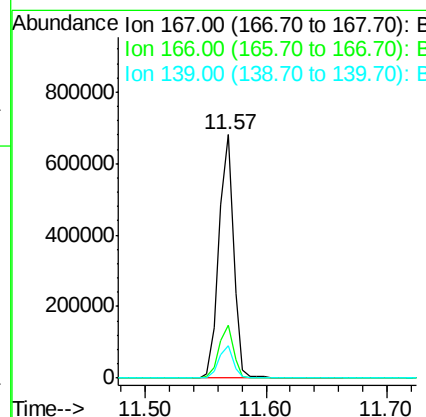
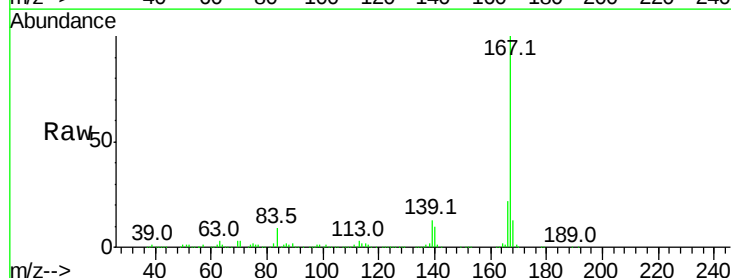
Instrument :
 BNA_F
 ClientSampleID :

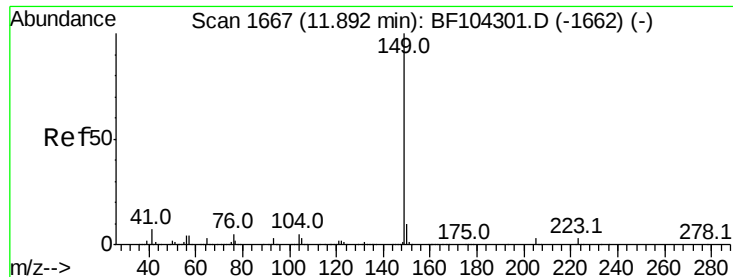
Tot Ion:178 Resp: 603743
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 28.765 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion:167 Resp: 563943
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.778 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

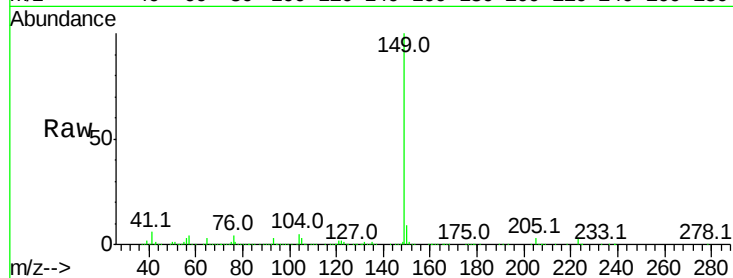
Tot Ion:149 Resp: 737101

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

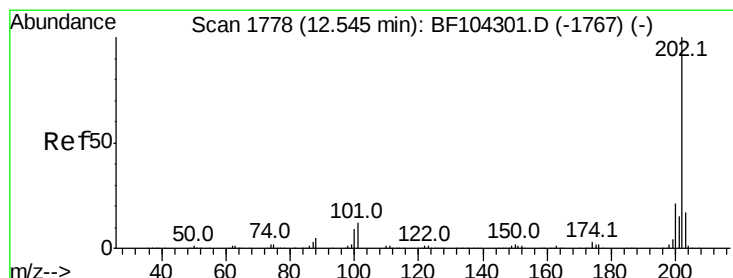
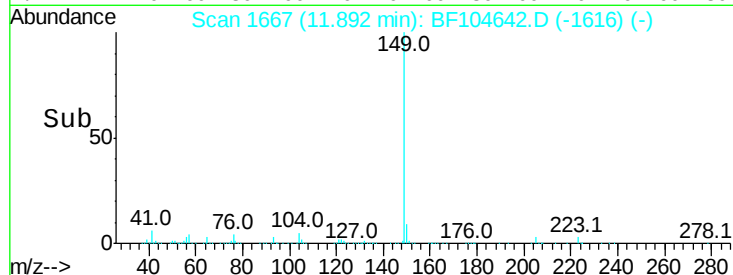
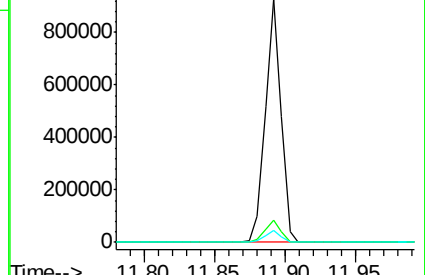
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.300 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

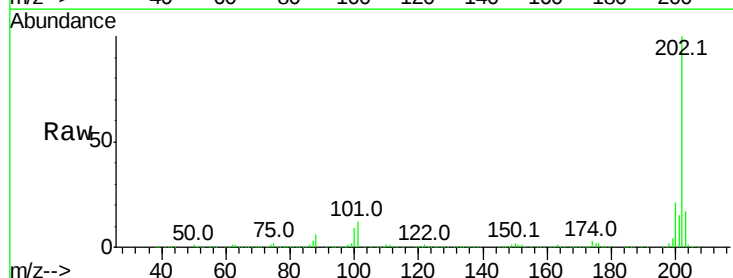
Tgt Ion:202 Resp: 562974

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

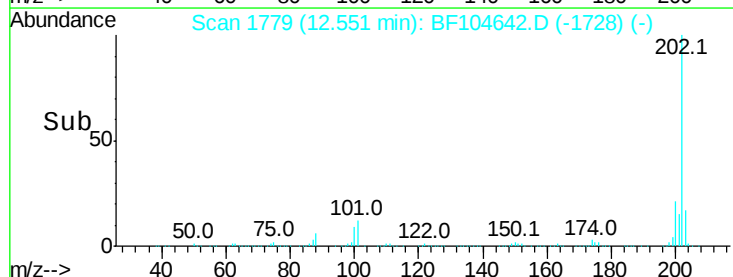
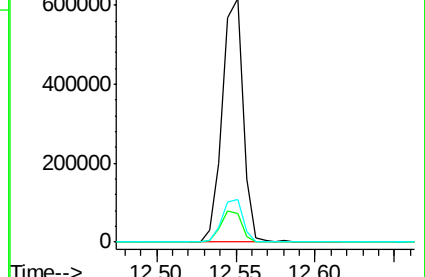
203 17.3 0.0 38.1

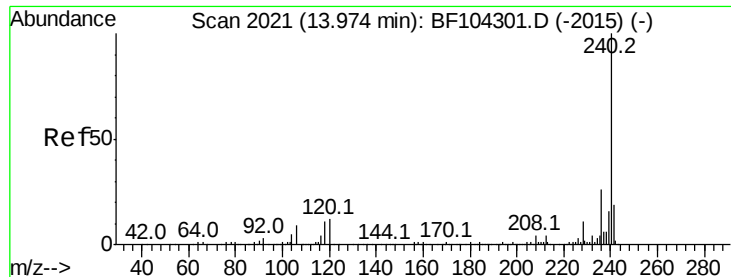


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampled :

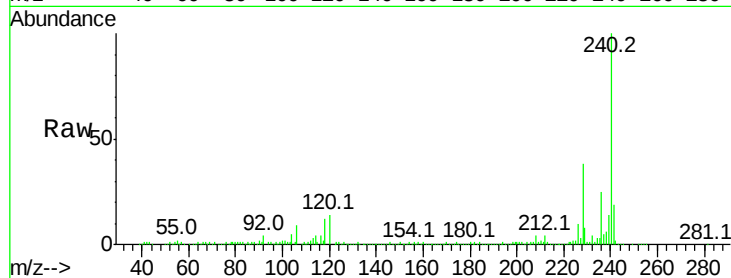
Tot Ion:240 Resp: 268116

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

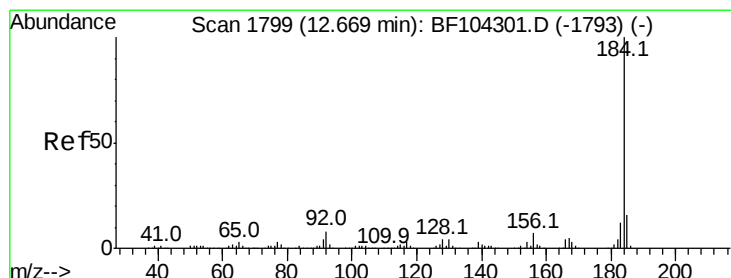
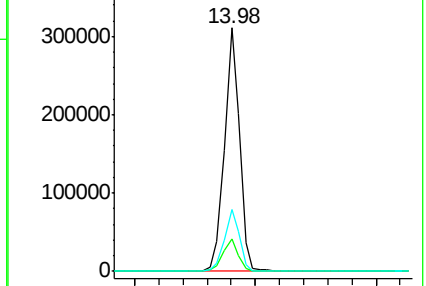
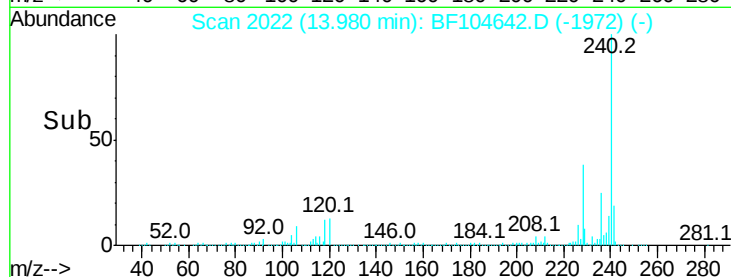
236 25.3 20.7 31.1



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: 21.236 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

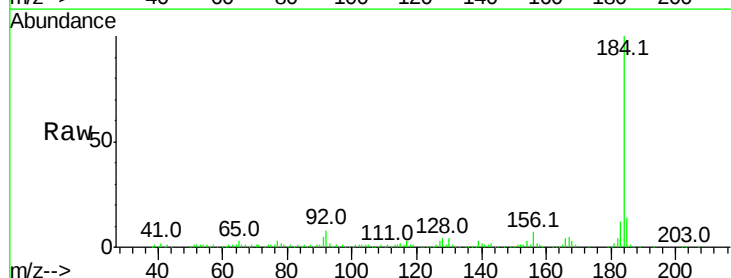
Tgt Ion:184 Resp: 226581

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

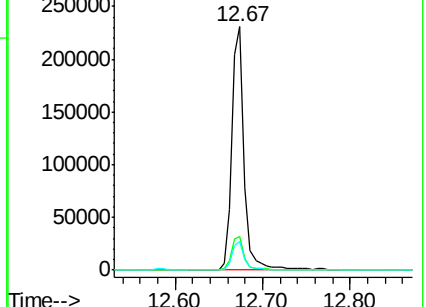
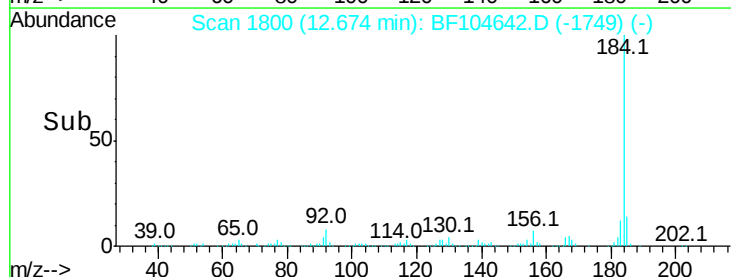
183 11.8 9.3 13.9

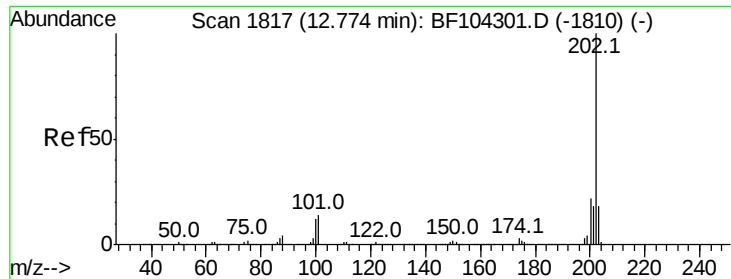


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

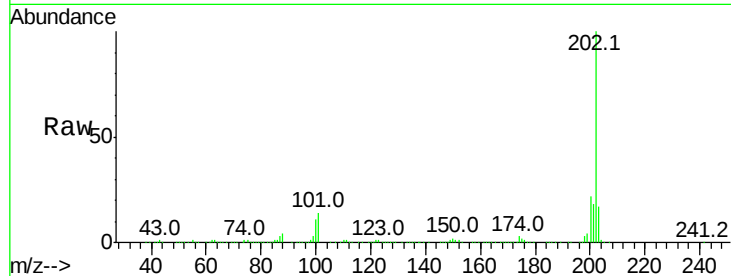




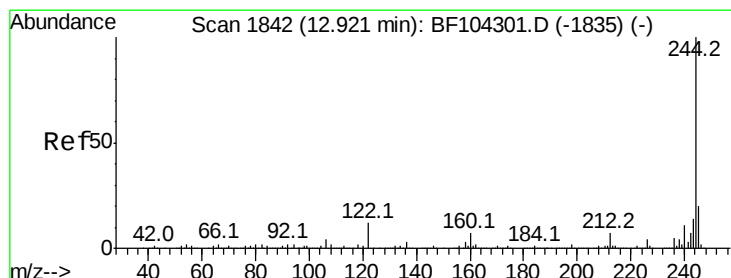
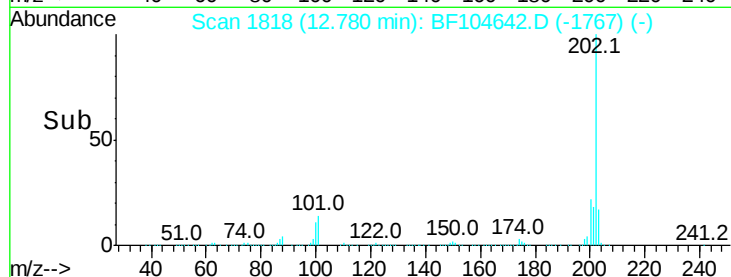
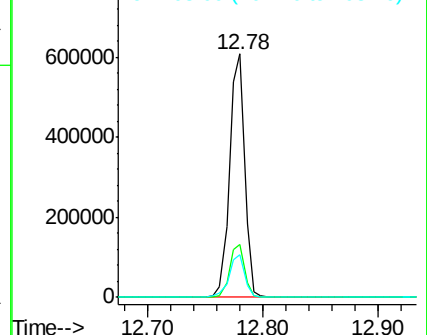
#77
Pvrene
Concen: 27.856 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 553608
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.3 21.5

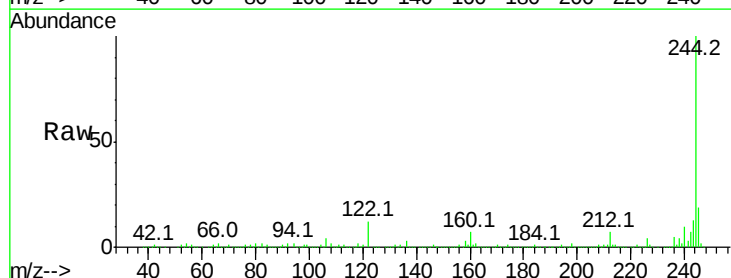


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

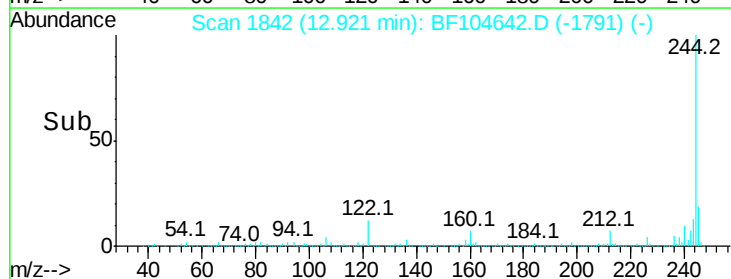
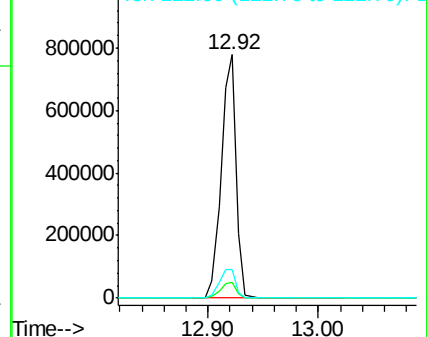


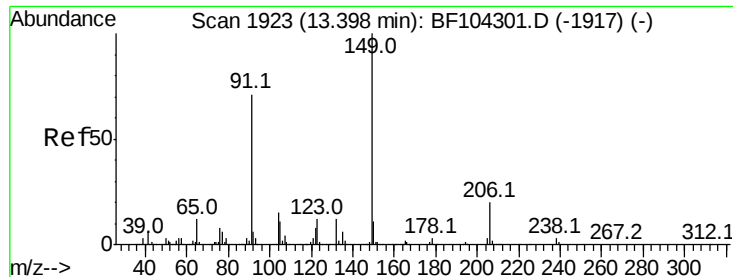
#78
Terphenyl-d14
Concen: 60.972 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:244 Resp: 717058
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.6 11.0 16.4



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

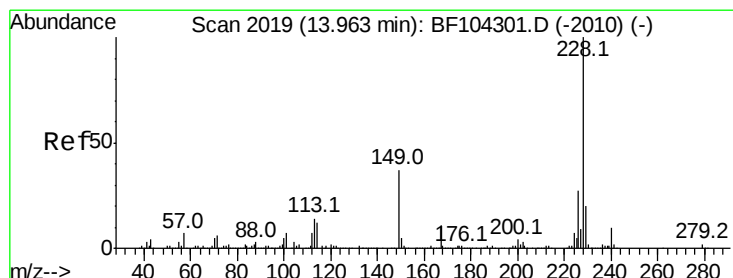
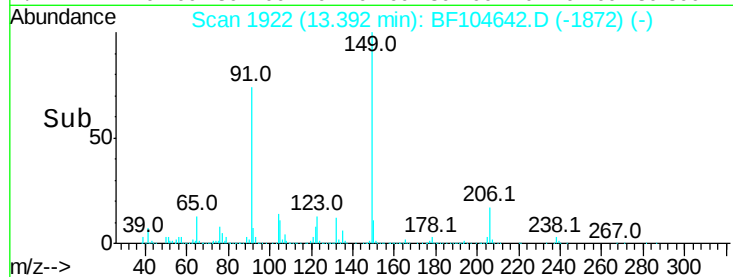
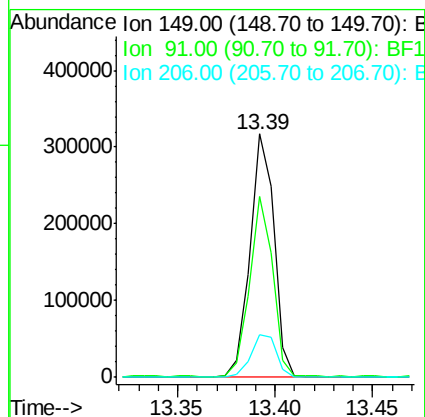
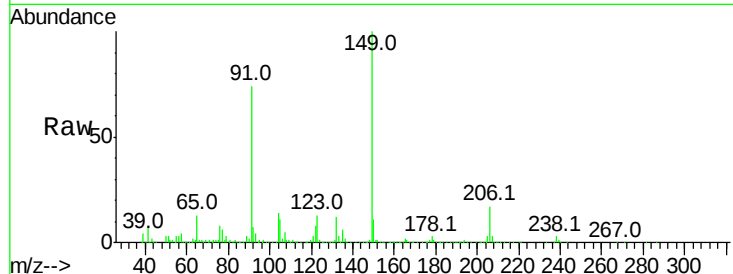




#79
Butylbenzylphthalate
Concen: 28.844 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

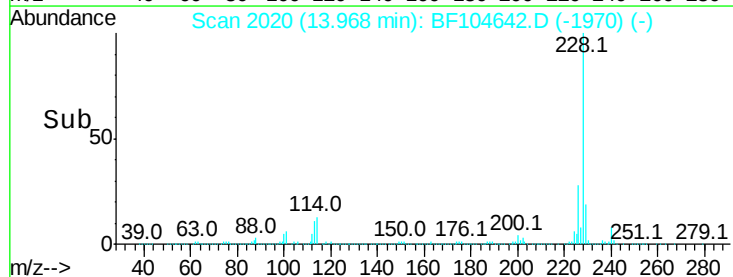
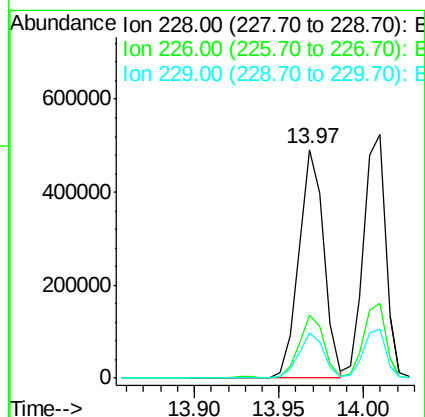
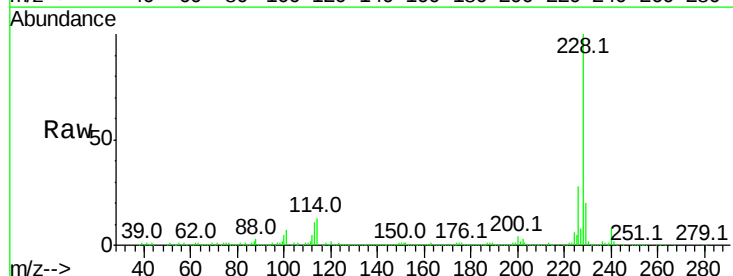
Instrument :
BNA_F
ClientSampleId :

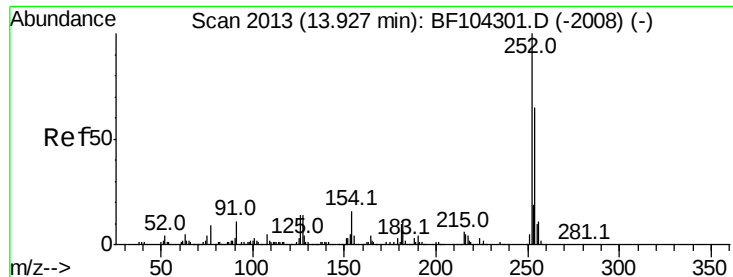
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.8	85.2
206	17.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.583 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 27.756 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampled :

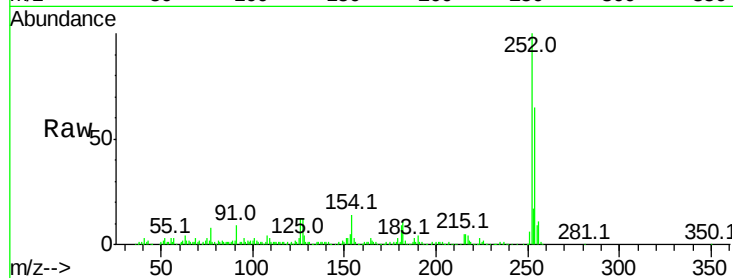
Tot Ion:252 Resp: 165766

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	12.5	11.3	16.9

252 100

254 64.6 50.4 75.6

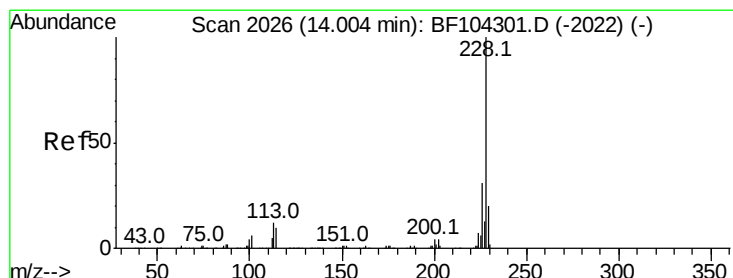
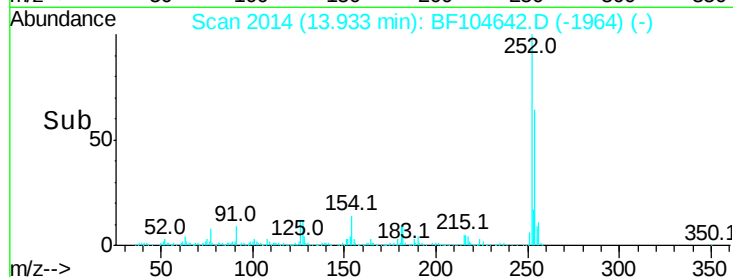
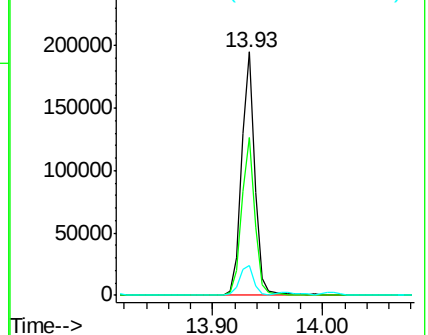
126 12.5 11.3 16.9



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: 29.015 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

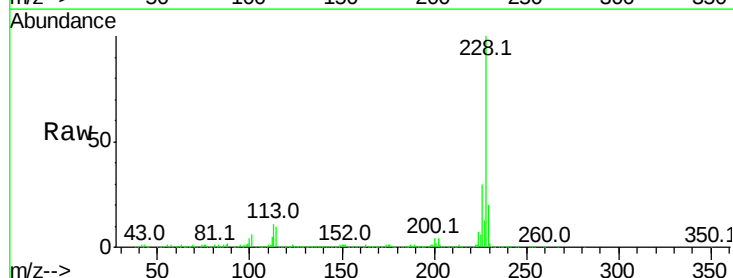
Tgt Ion:228 Resp: 477374

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.9	16.2	24.4

228 100

226 30.4 25.0 37.6

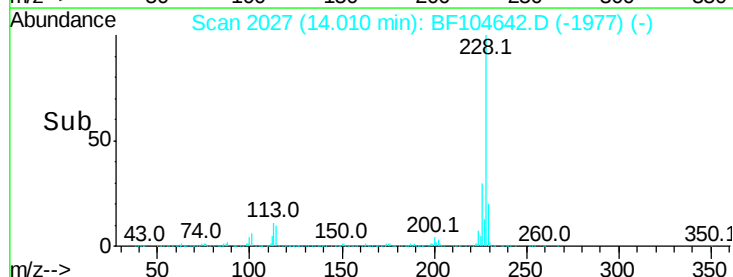
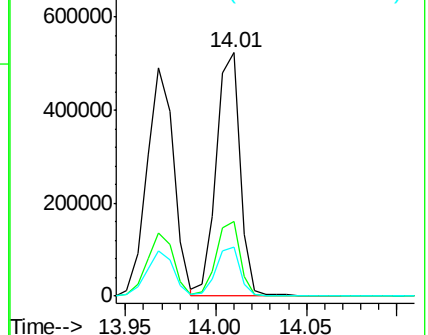
229 19.9 16.2 24.4

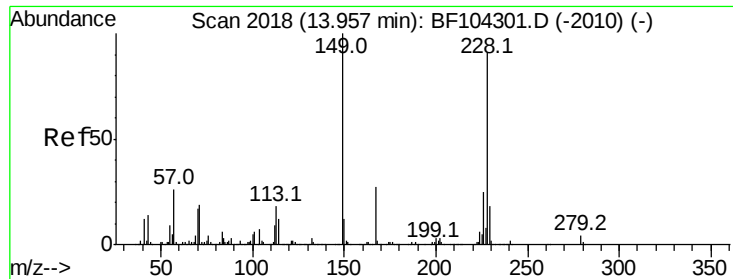


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.683 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

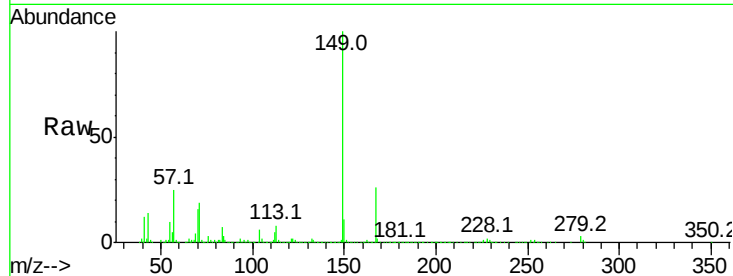
Tot Ion:149 Resp: 405642

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

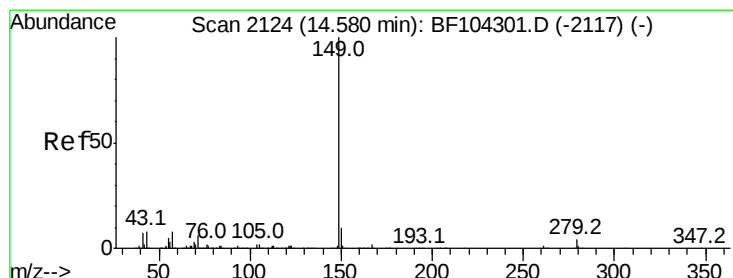
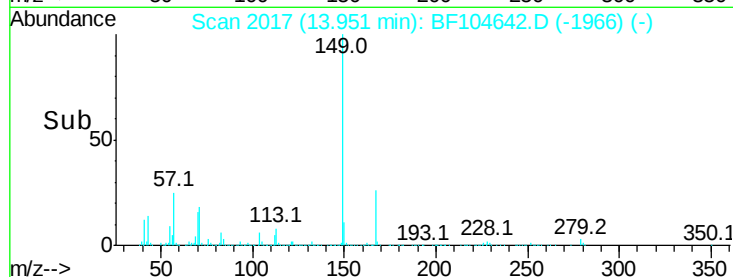
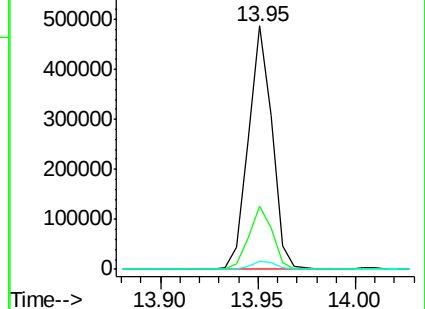
279 3.2 3.0 4.4



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: 33.090 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

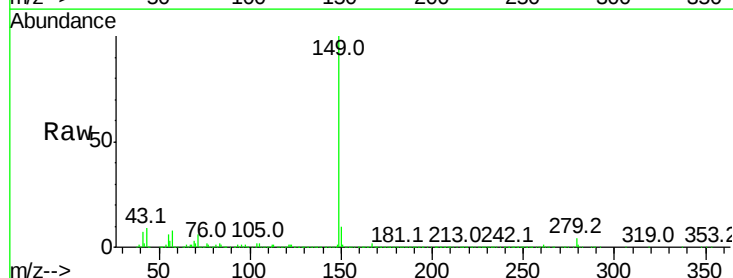
Tgt Ion:149 Resp: 665861

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

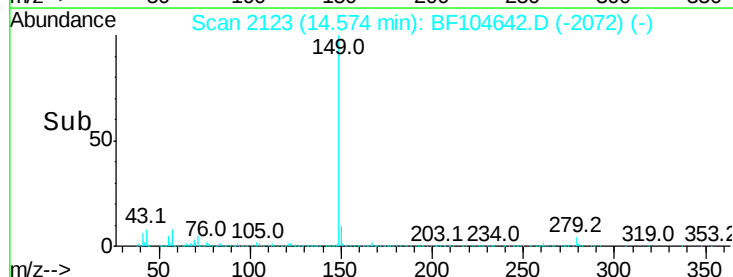
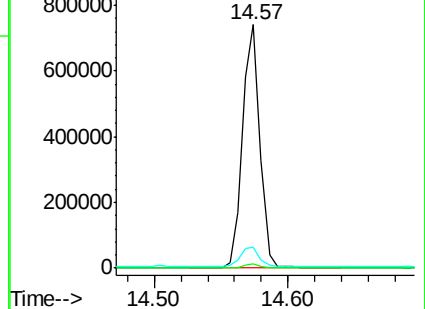
43 8.4 8.4 12.6

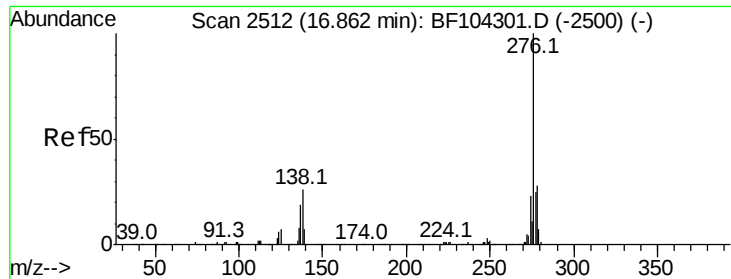


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

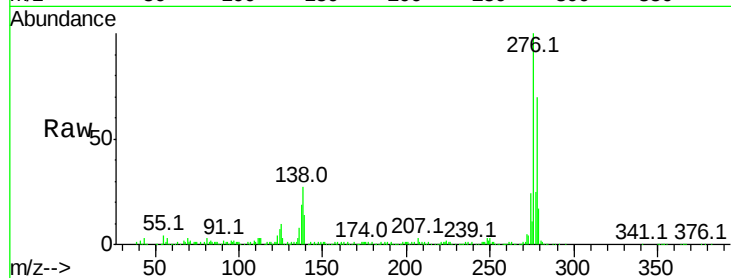




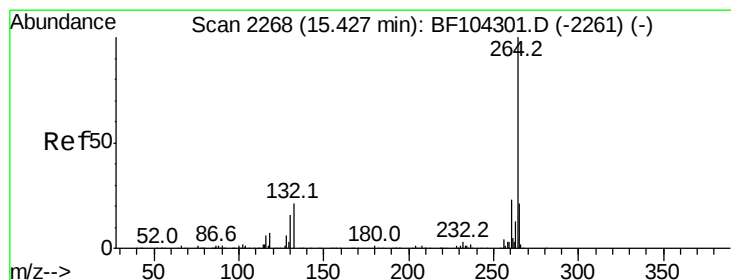
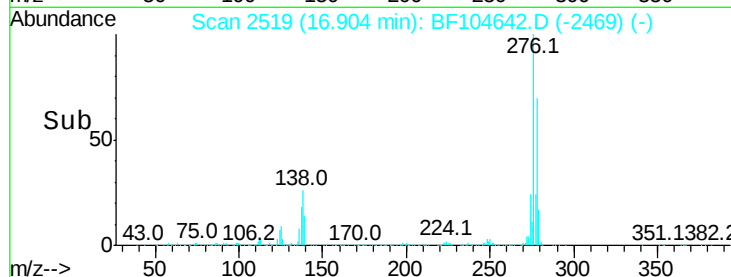
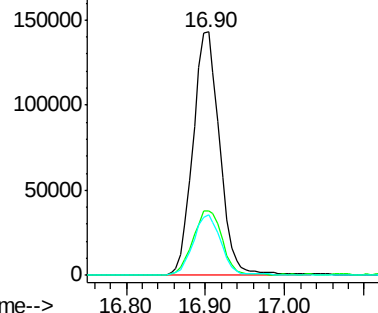
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.995 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	24.9	20.1	30.1

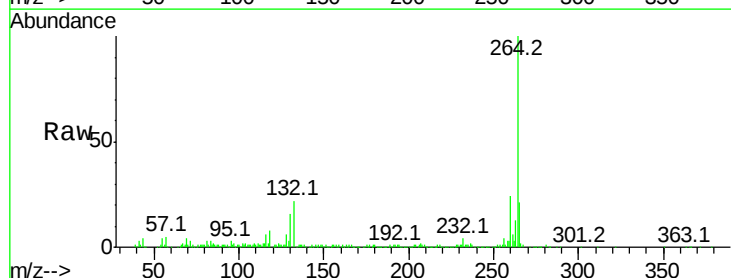


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

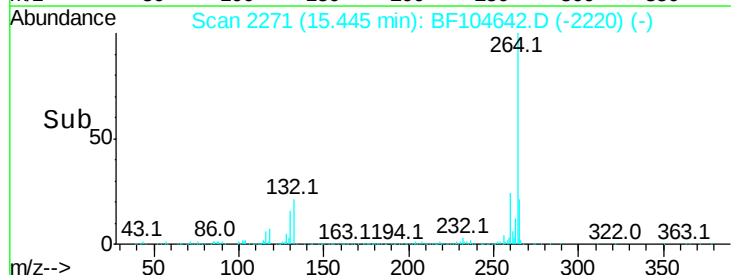
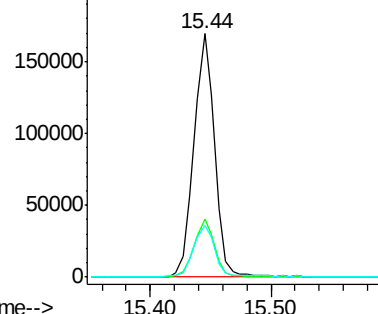


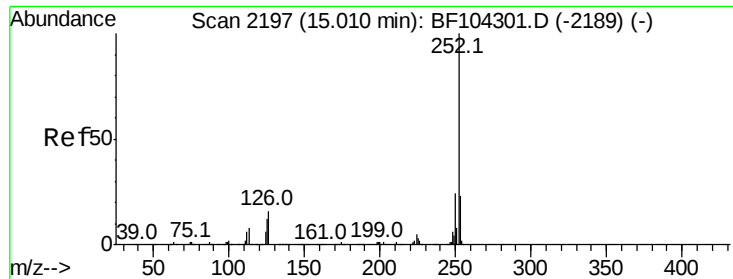
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104642.D
 Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.5	26.3



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

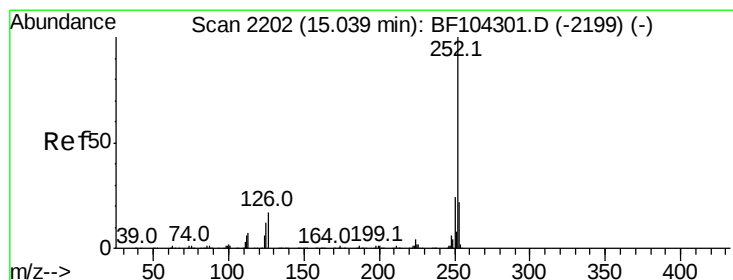
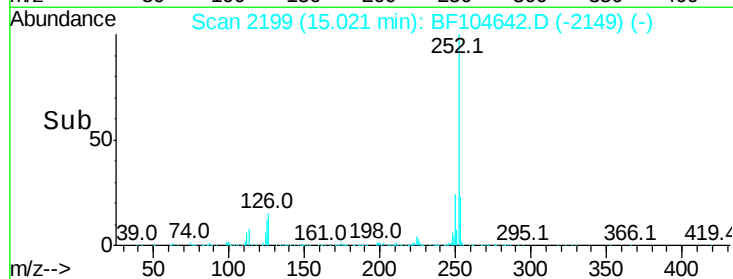
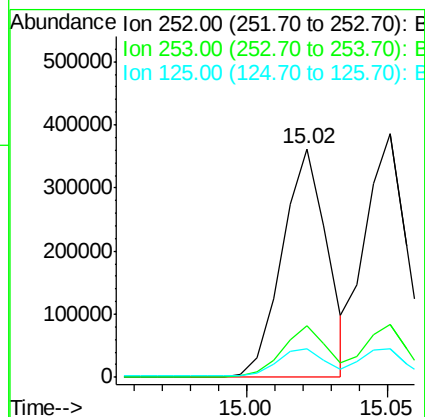
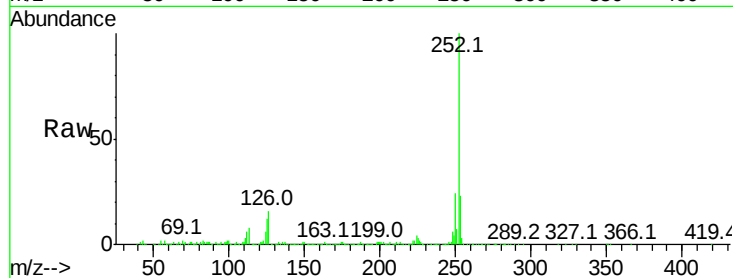




#87
Benzo(b)fluoranthene
Concen: 31.502 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

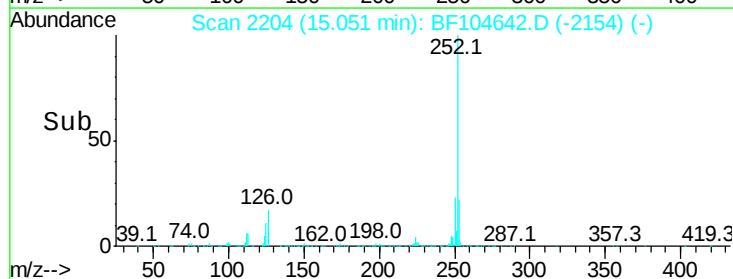
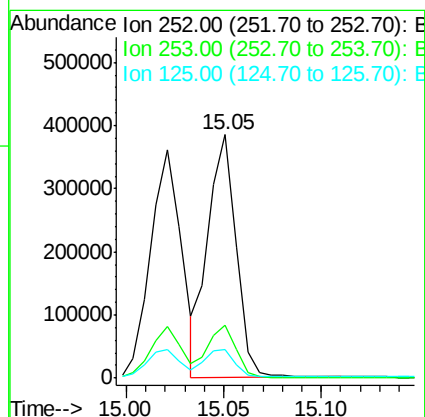
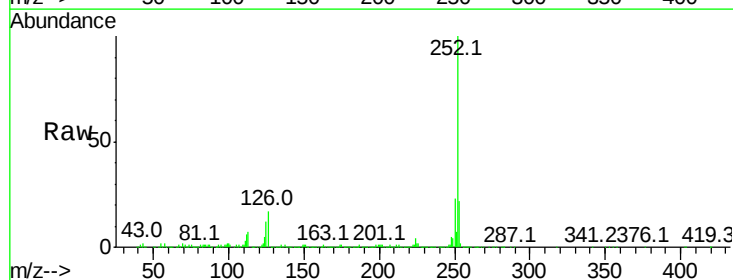
Instrument :
BNA_F
ClientSampleId :

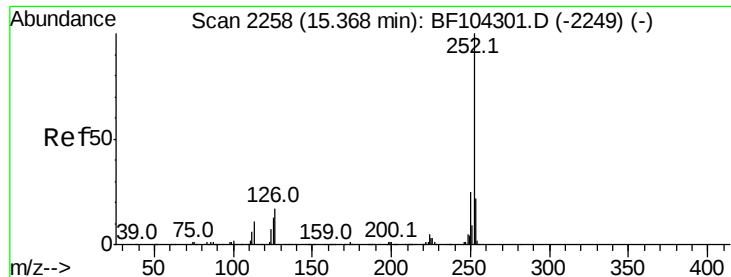
Tot Ion:252 Resp: 399838
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.419 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion:252 Resp: 388479
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.9 10.2 15.2

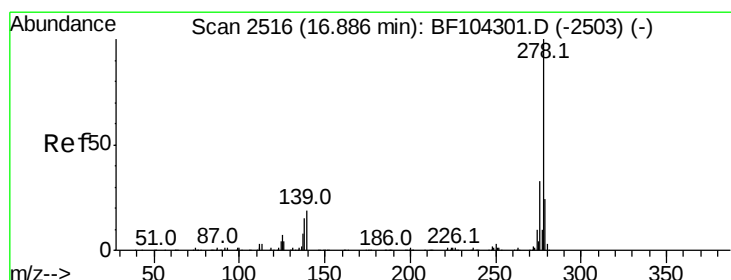
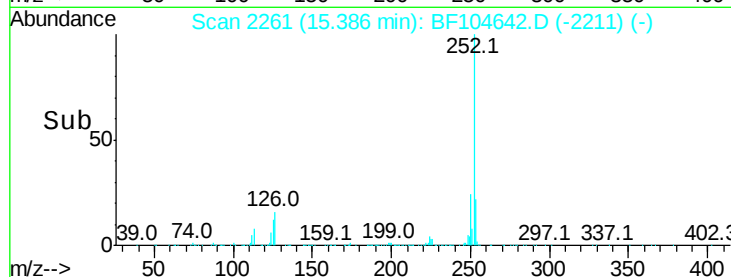
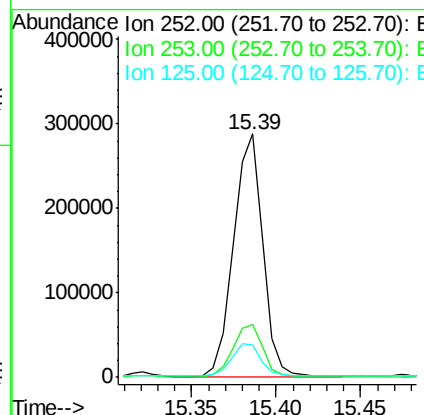
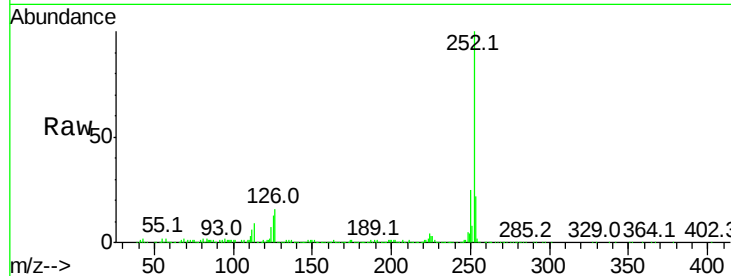




#89
Benzo(a)pyrene
Concen: 30.522 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

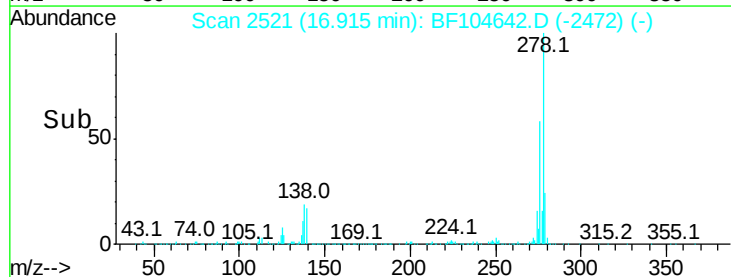
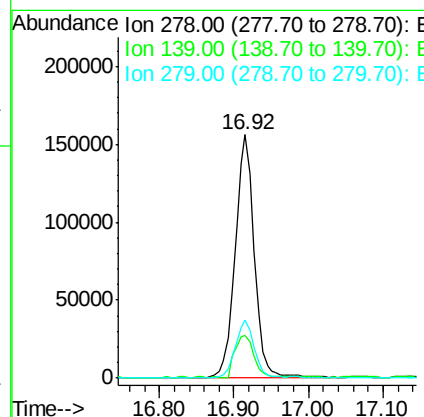
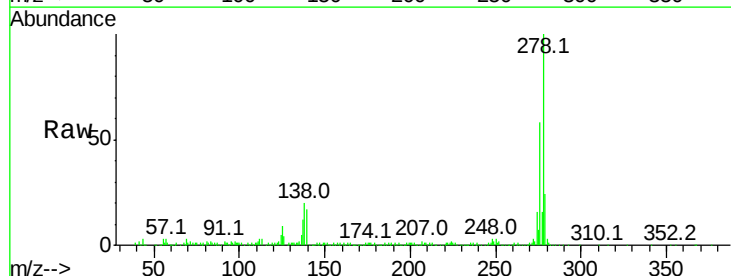
Instrument :
BNA_F
ClientSampleId :

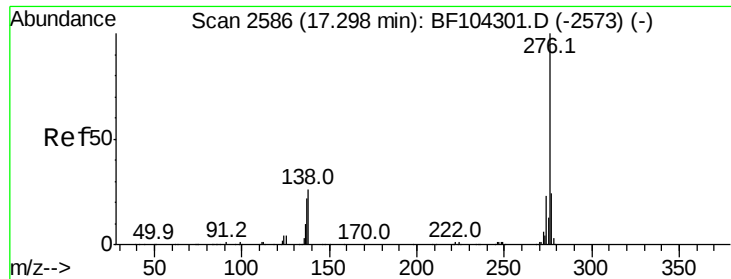
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 30.215 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF104642.D
Acq: 19 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 29.996 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BF104642.D

Acq: 19 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

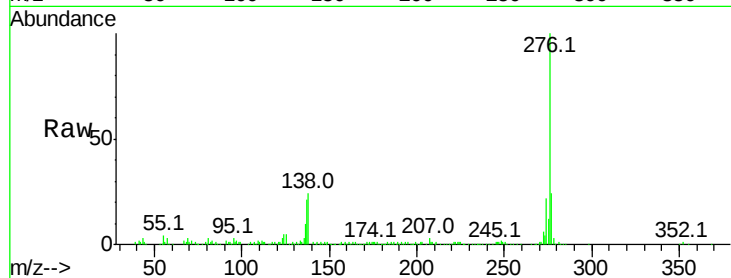
Tot Ion:276 Resp: 271062

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 24.2 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

