

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104484.D
 Acq On : 13 Apr 2018 17:47
 Operator : JU/SJ
 Sample : J2360-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 22:53:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133462	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	546201	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	237194	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	383934	20.00	ng	0.00
75) Chrysene-d12	13.99	240	243949	20.00	ng	0.00
86) Perylene-d12	15.44	264	220448	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	976831	111.91	ng	0.01
7) Phenol-d6	6.45	99	1198309	111.74	ng	0.00
23) Nitrobenzene-d5	7.38	82	749648	89.62	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	268729	109.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1228579	81.83	ng	0.00
78) Terphenyl-d14	12.93	244	943573	88.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	118494	29.135	ng	91
3) Pyridine	3.33	79	338950	29.642	ng	# 86
4) n-Nitrosodimethylamine	3.29	42	128581	32.168	ng	82
6) Aniline	6.47	93	378181	25.382	ng	99
8) 2-Chlorophenol	6.60	128	338203	36.711	ng	96
9) Benzaldehyde	6.36	77	145931	23.375	ng	99
10) Phenol	6.46	94	444019	39.021	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	325443	35.840	ng	95
12) 1,3-Dichlorobenzene	6.75	146	365080	34.980	ng	98
13) 1,4-Dichlorobenzene	6.83	146	371611	35.719	ng	99
14) 1,2-Dichlorobenzene	6.98	146	343367	35.615	ng	99
15) Benzyl Alcohol	6.96	79	284416	34.917	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	422703	34.663	ng	92
17) 2-Methylphenol	7.07	107	279440	34.895	ng	98
18) Hexachloroethane	7.32	117	129416	34.889	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	230026	32.824	ng	95
20) 3+4-Methylphenols	7.22	107	327112	32.936	ng	# 67
22) Acetophenone	7.22	105	453520	33.726	ng	# 94
24) Nitrobenzene	7.40	77	351944	38.109	ng	98
25) Isophorone	7.63	82	571168	32.291	ng	99
26) 2-Nitrophenol	7.71	139	182505	48.543	ng	98
27) 2,4-Dimethylphenol	7.75	122	260464	33.365	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	391561	36.206	ng	99
29) 2,4-Dichlorophenol	7.95	162	272839	36.630	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	295767	36.182	ng	99
31) Naphthalene	8.12	128	894013	32.871	ng	100
32) Benzoic acid	7.83	122	58519	9.395	ng	98
33) 4-Chloroaniline	8.16	127	220023	18.883	ng	99
34) Hexachlorobutadiene	8.23	225	165433	36.948	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	290904	36.423	ng	100
37) 2-Methylnaphthalene	8.81	142	566990	32.228	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	258764	38.110	ng	99
40) Hexachlorocyclopentadiene	8.96	237	123600	32.516	ng	96
42) 2,4,6-Trichlorophenol	9.09	196	186650	39.600	ng	99

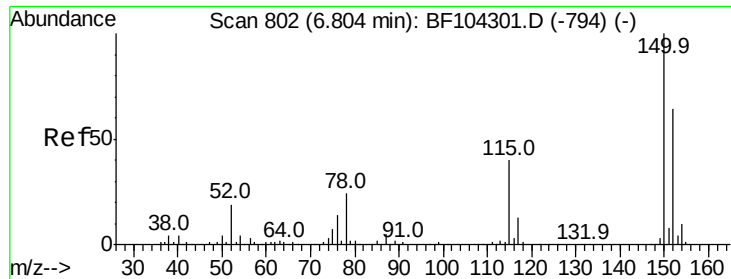
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	191125	36.236	ng	98
45) 1,1'-Biphenyl	9.27	154	720784	36.173	ng	99
46) 2-Chloronaphthalene	9.30	162	580337	36.873	ng	100
47) 2-Nitroaniline	9.40	65	177607	45.631	ng	94
48) Acenaphthylene	9.72	152	824643	33.395	ng	100
49) Dimethylphthalate	9.57	163	807636	43.178	ng	100
50) 2,6-Dinitrotoluene	9.64	165	149678	43.246	ng	96
51) Acenaphthene	9.89	154	479939	31.854	ng	99
52) 3-Nitroaniline	9.81	138	126424	31.201	ng	90
53) 2,4-Dinitrophenol	9.92	184	35376	35.229	ng	# 18
54) Dibenzofuran	10.06	168	740687	35.276	ng	98
55) 4-Nitrophenol	9.97	139	224415	70.507	ng	91
56) 2,4-Dinitrotoluene	10.05	165	187741	41.353	ng	# 89
57) Fluorene	10.40	166	524258	34.303	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138817	35.278	ng	95
59) Diethylphthalate	10.27	149	633621	34.014	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	270187	39.697	ng	100
61) 4-Nitroaniline	10.42	138	143932	36.330	ng	97
62) Azobenzene	10.56	77	594451	33.401	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	40157	25.536	ng	81
65) n-Nitrosodiphenylamine	10.52	169	517640	38.885	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	164414	40.260	ng	91
67) Hexachlorobenzene	10.95	284	173787	37.819	ng	# 90
68) Atrazine	11.04	200	162890	40.538	ng	97
69) Pentachlorophenol	11.14	266	161146	56.686	ng	97
70) Phenanthrene	11.37	178	708766	33.149	ng	99
71) Anthracene	11.42	178	712758	32.794	ng	99
72) Carbazole	11.57	167	701192	33.016	ng	100
73) Di-n-butylphthalate	11.90	149	917464	35.364	ng	100
74) Fluoranthene	12.56	202	637200	28.524	ng	97
76) Benzidine	12.68	184	411629	55.081	ng	97
77) Pyrene	12.79	202	629687	34.823	ng	100
79) Butylbenzylphthalate	13.40	149	319064	37.454	ng	96
80) Benzo(a)anthracene	13.97	228	520879	35.741	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	203827	37.510	ng	98
82) Chrysene	14.02	228	512676	34.248	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	438788	40.045	ng	100
84) Di-n-octyl phthalate	14.58	149	682617	37.283	ng	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	412598	32.446	ng	96
87) Benzo(b)fluoranthene	15.02	252	496831	35.684	ng	97
88) Benzo(k)fluoranthene	15.05	252	436231	33.187	ng	99
89) Benzo(a)pyrene	15.39	252	428630	34.407	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	349159	34.126	ng	96
91) Benzo(g,h,i)perylene	17.34	276	324650	32.751	ng	97

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

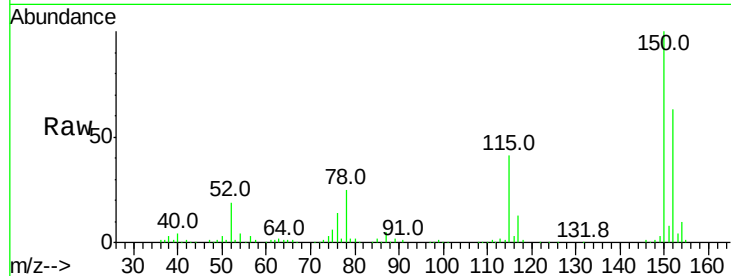


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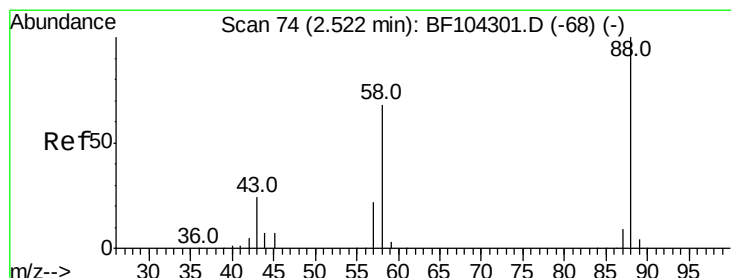
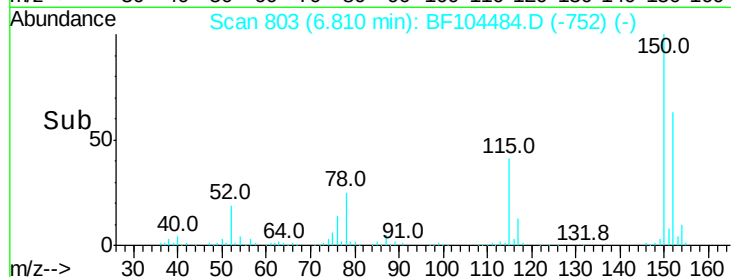
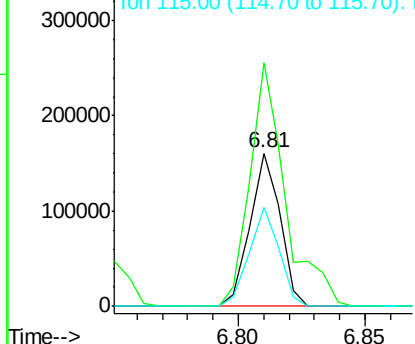
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133462
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 64.9 50.1 75.1



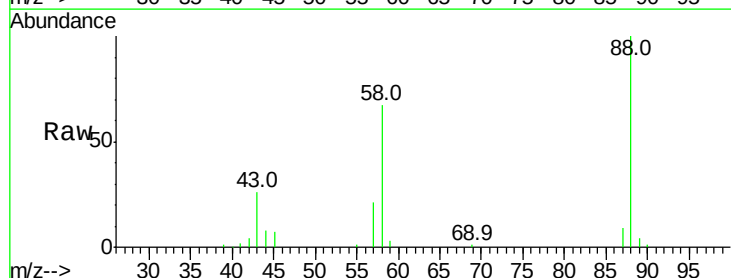
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



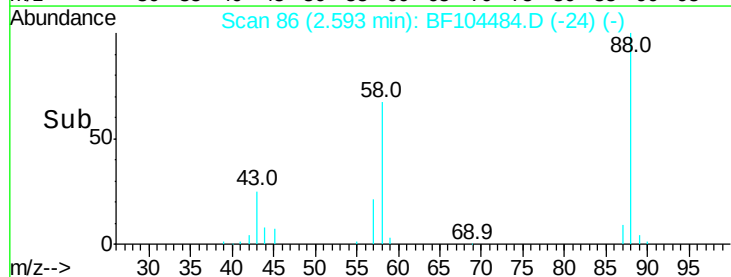
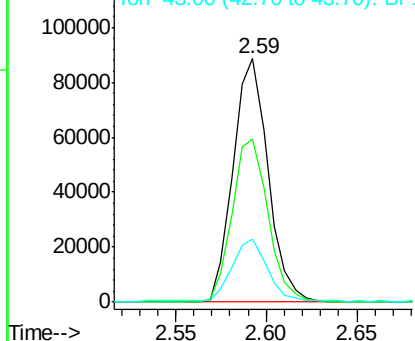
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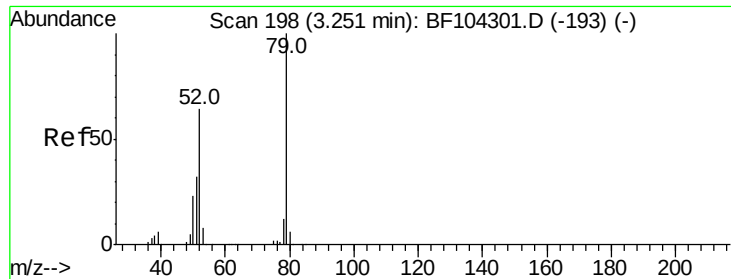
1,4-Dioxane
Concen: 29.135 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.06 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion: 88 Resp: 118494
Ion Ratio Lower Upper
88 100
58 68.9 62.6 93.8
43 27.5 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: 29.642 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.06 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

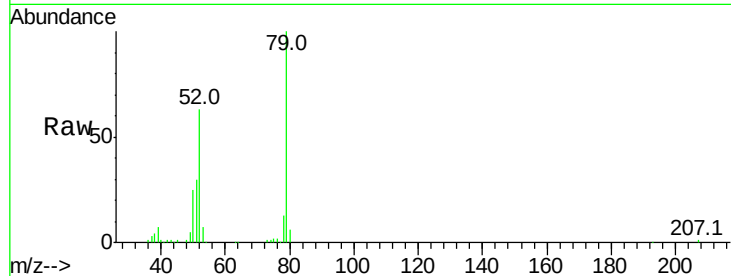
Tot Ion: 79 Resp: 338950

Ion Ratio Lower Upper

79 100

52 62.8 59.8 89.6

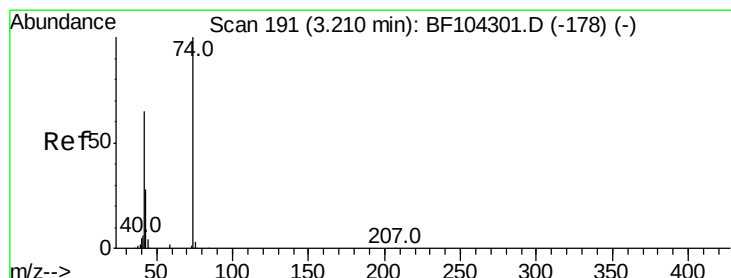
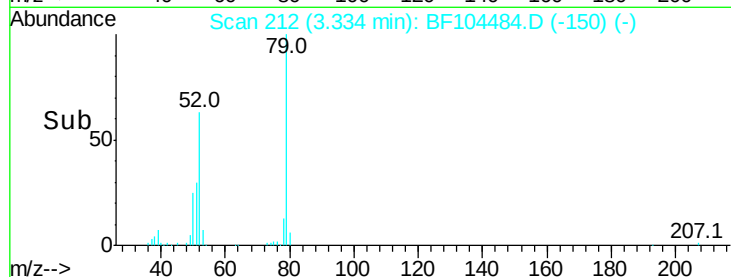
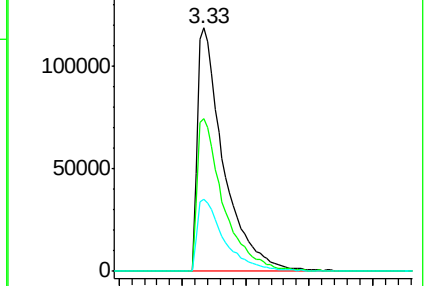
51 29.7 29.8 44.8#



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: 32.168 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

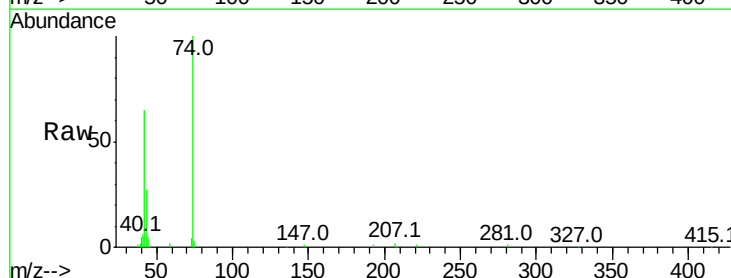
Tgt Ion: 42 Resp: 128581

Ion Ratio Lower Upper

42 100

74 153.7 104.9 157.3

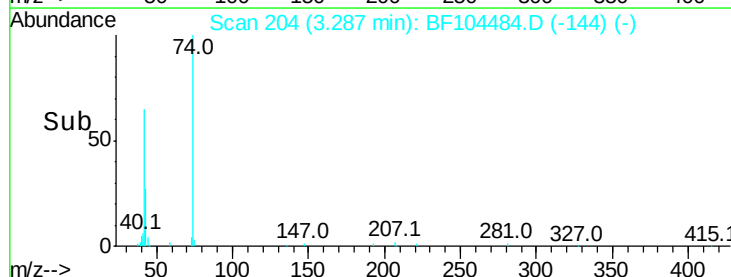
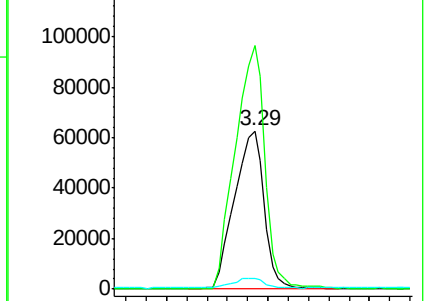
44 6.9 6.9 10.3

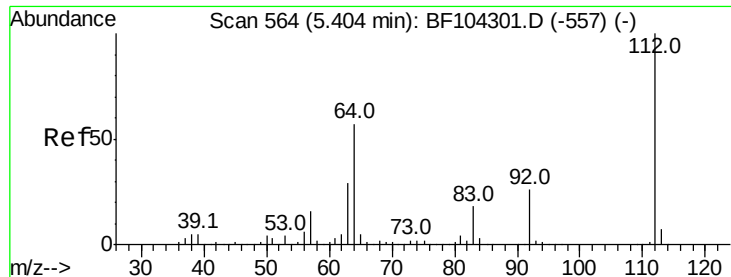


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.914 ng

RT: 5.43 min Scan# 569

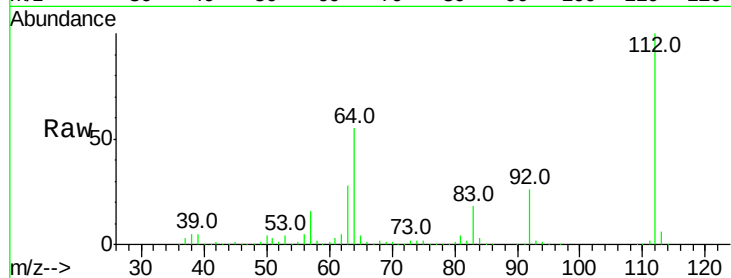
Delta R.T. 0.01 min

Lab File: BF104484.D

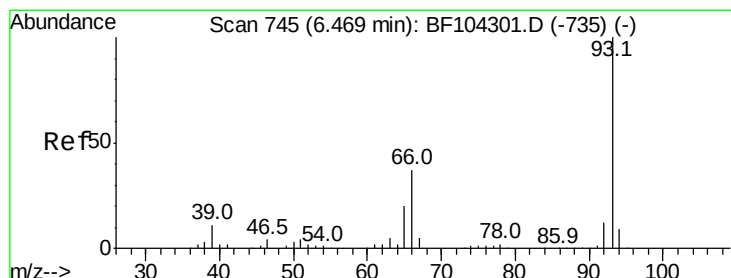
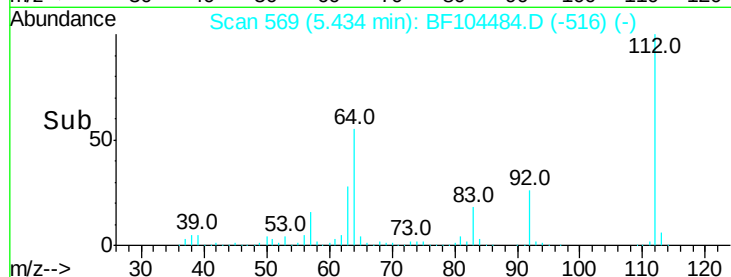
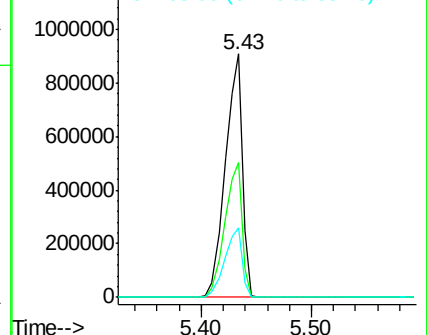
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	976831
Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.382 ng

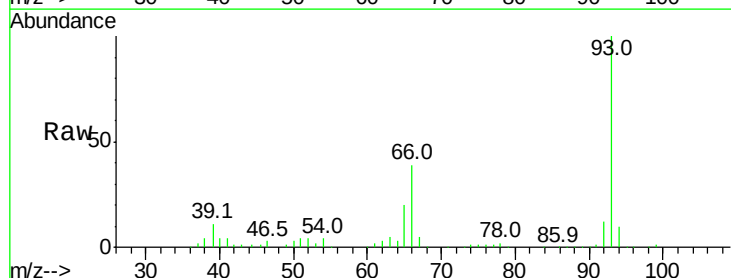
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

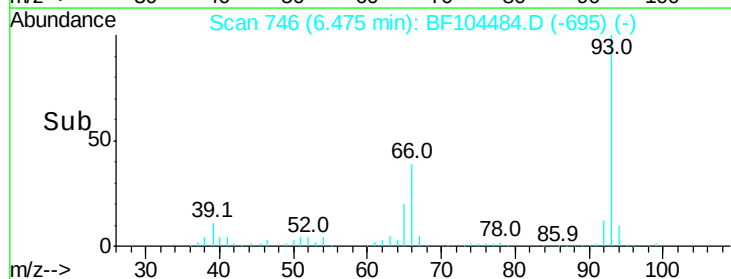
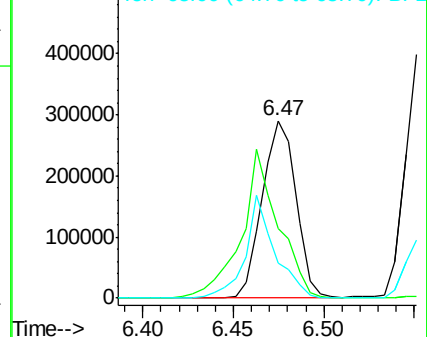
Lab File: BF104484.D

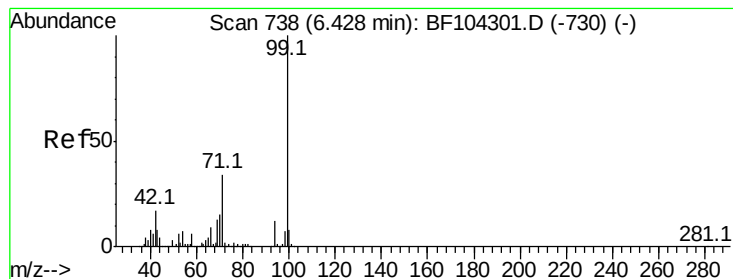
Acq: 13 Apr 2018 17:47

Tgt Ion:	93	Resp:	378181
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	19.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 111.737 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

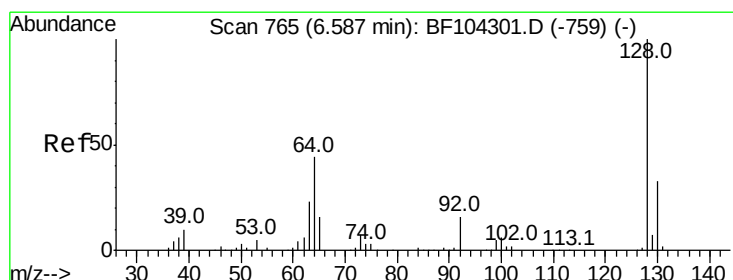
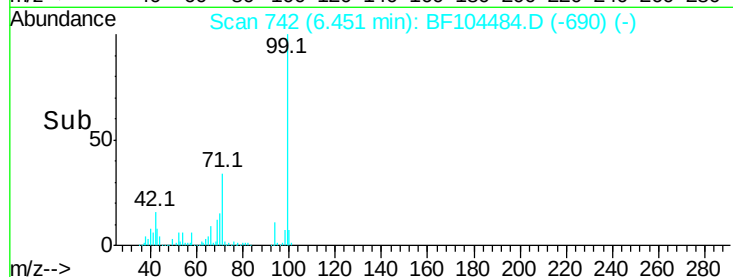
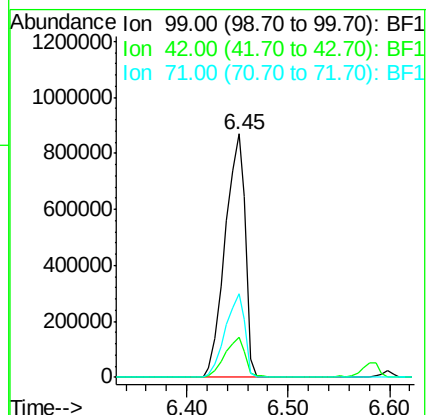
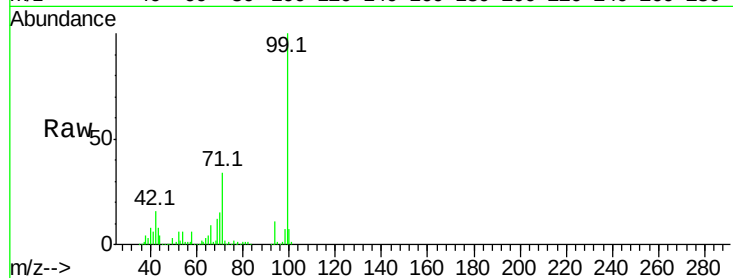
Tot Ion: 99 Resp: 1198309

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 34.2 25.4 38.0



#8

2-Chlorophenol

Concen: 36.711 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

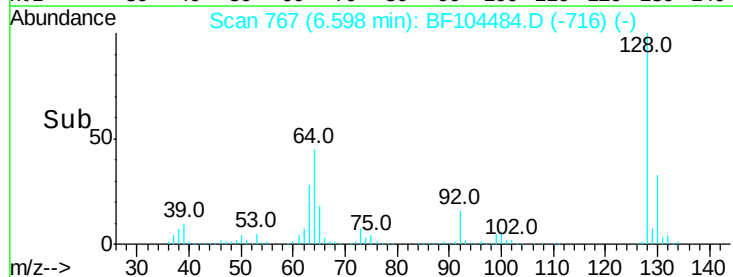
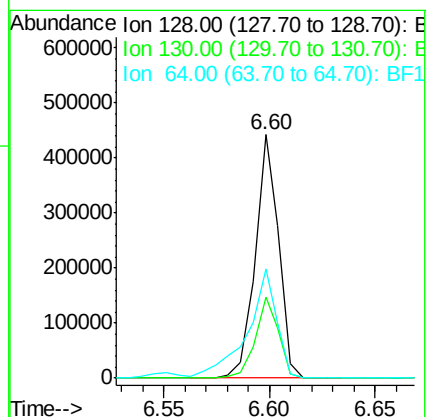
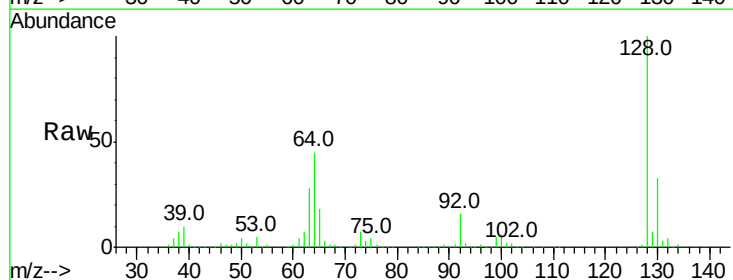
Tgt Ion: 128 Resp: 338203

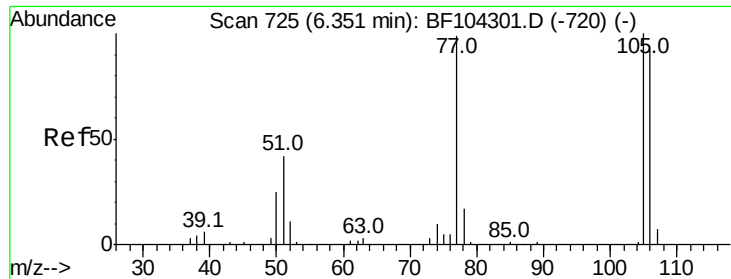
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 44.7 29.4 69.4

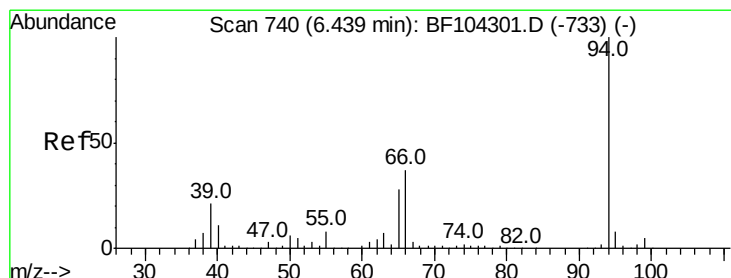
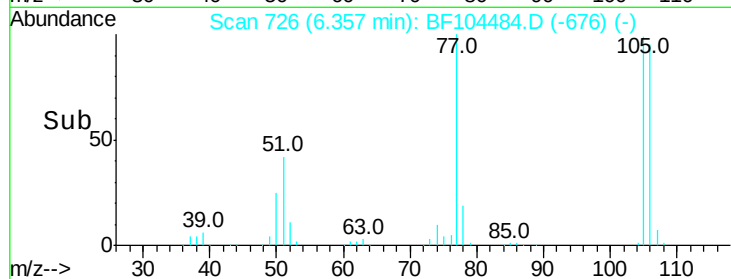
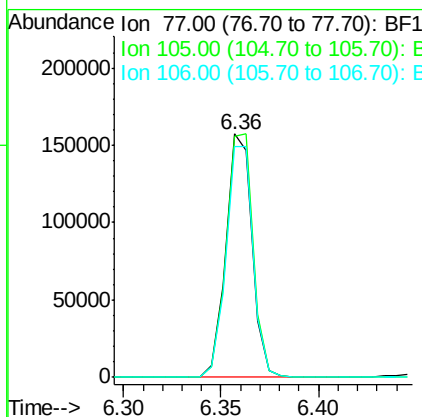
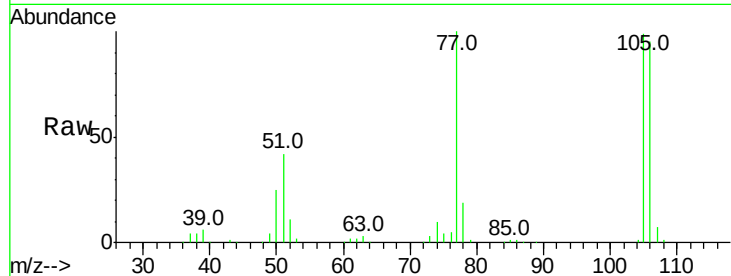




#9
Benzaldehyde
Concen: 23.375 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

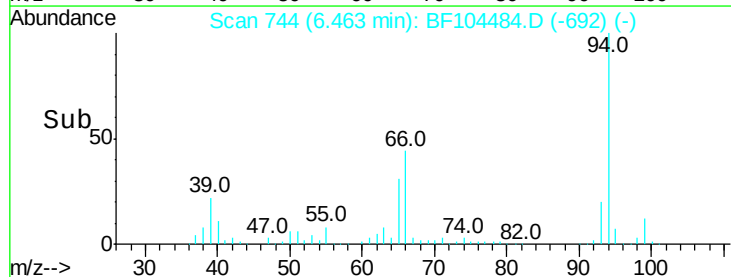
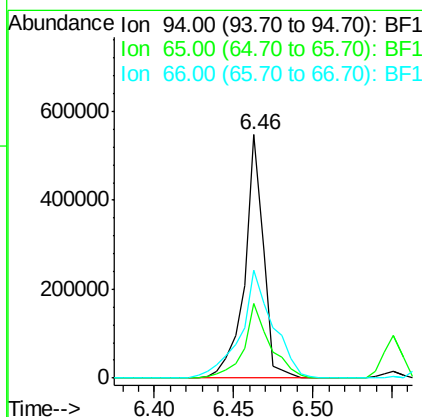
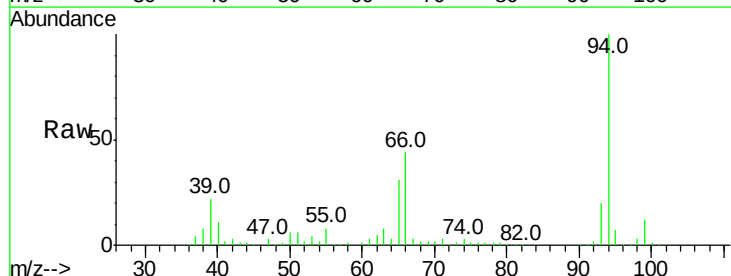
Instrument :
BNA_F
ClientSampled :

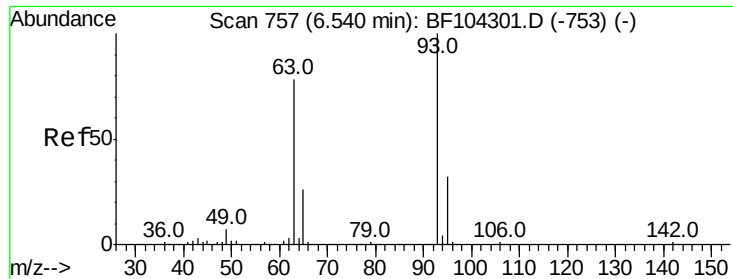
Tot Ion: 77 Resp: 145931
Ion Ratio Lower Upper
77 100
105 98.9 81.1 121.1
106 94.9 74.5 114.5



#10
Phenol
Concen: 39.021 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion: 94 Resp: 444019
Ion Ratio Lower Upper
94 100
65 30.7 7.9 47.9
66 44.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.840 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

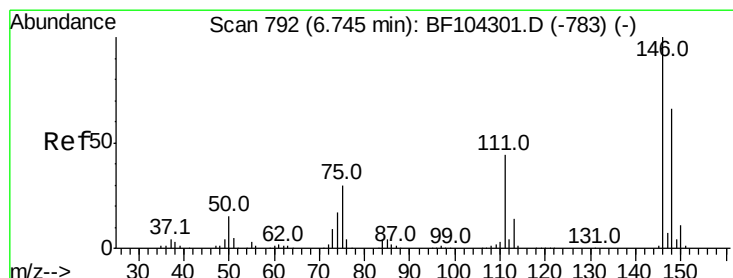
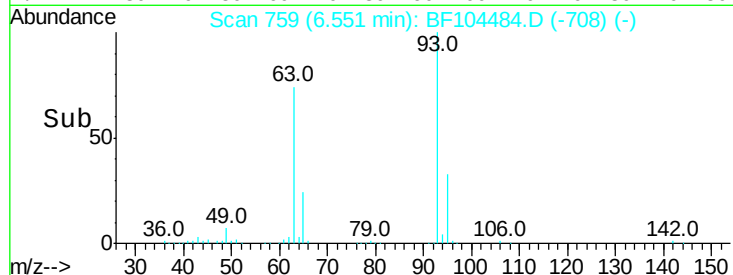
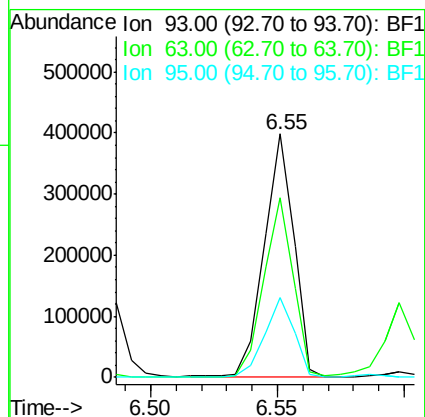
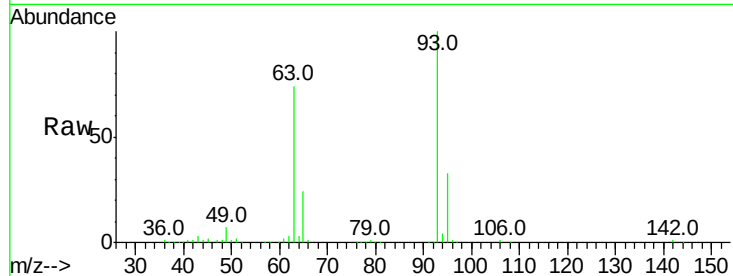
Tot Ion: 93 Resp: 325443

Ion Ratio Lower Upper

93 100

63 73.7 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.980 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

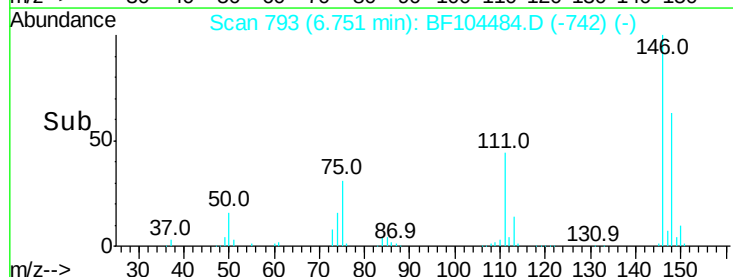
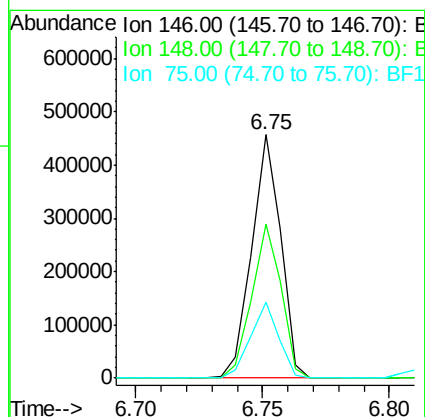
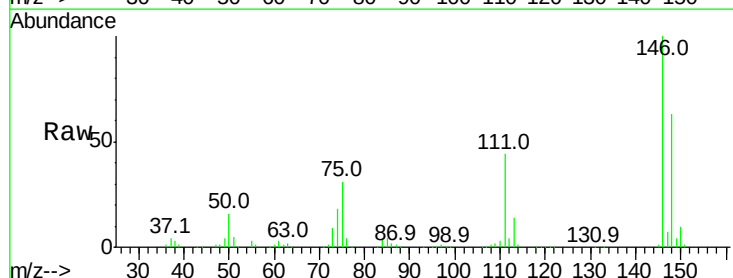
Tgt Ion: 146 Resp: 365080

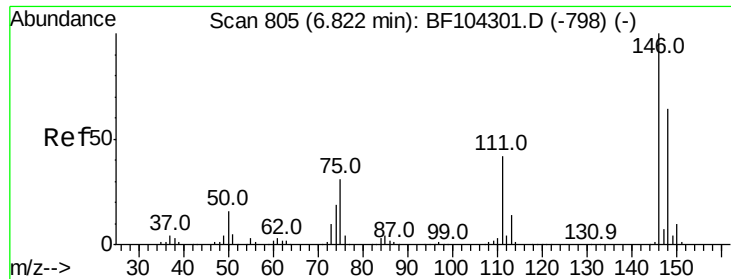
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 31.2 24.2 36.4

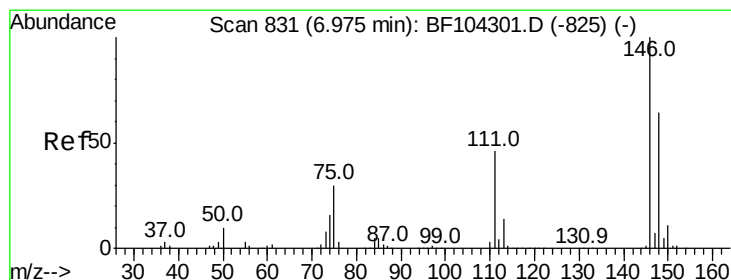
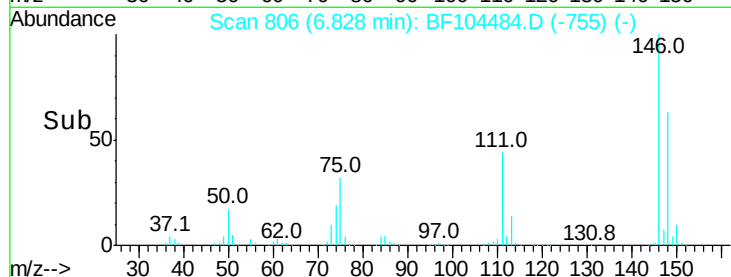
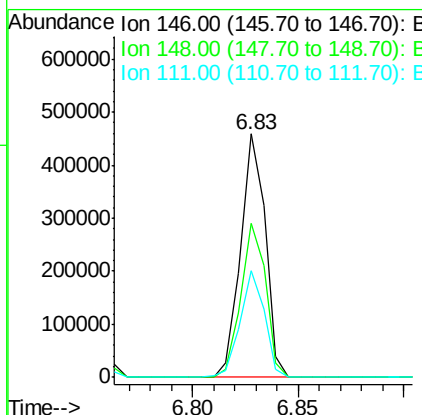
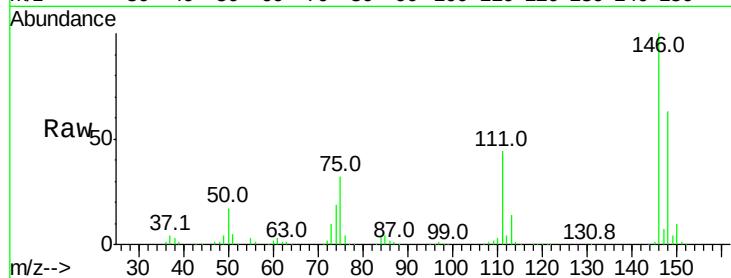




#13
 1,4-Dichlorobenzene
 Concen: 35.719 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

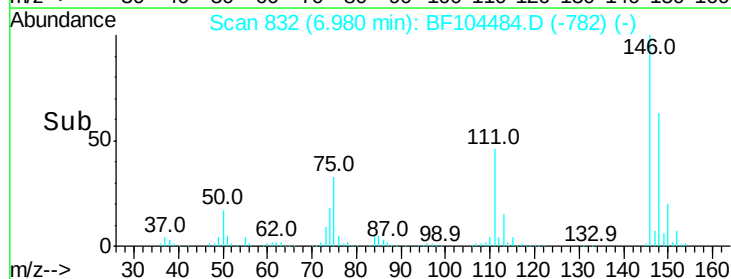
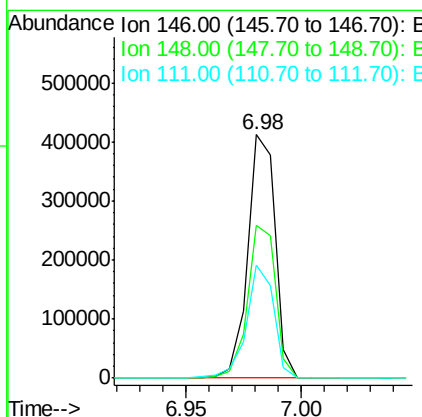
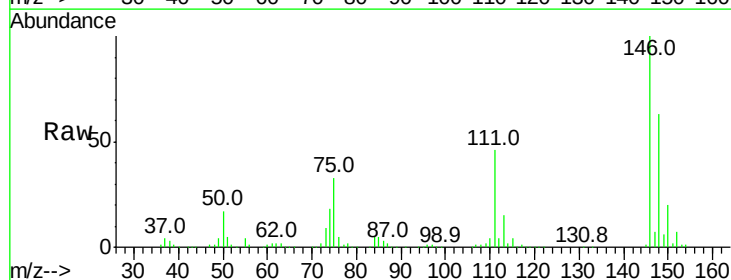
Instrument :
 BNA_F
 ClientSampleId :

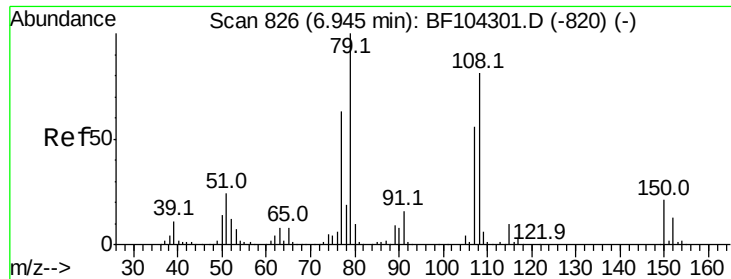
Tot Ion:146 Resp: 371611
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.615 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:146 Resp: 343367
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 75.8
 111 46.3 36.0 54.0

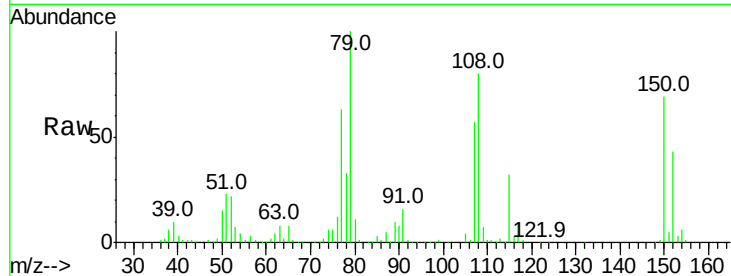




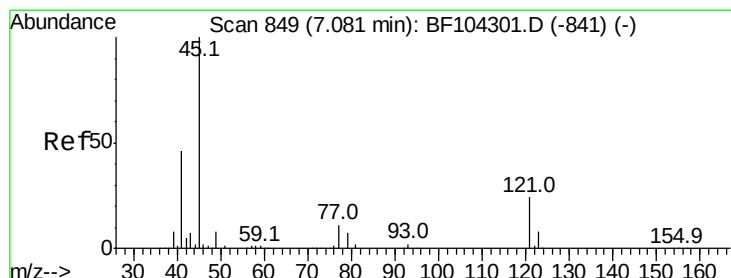
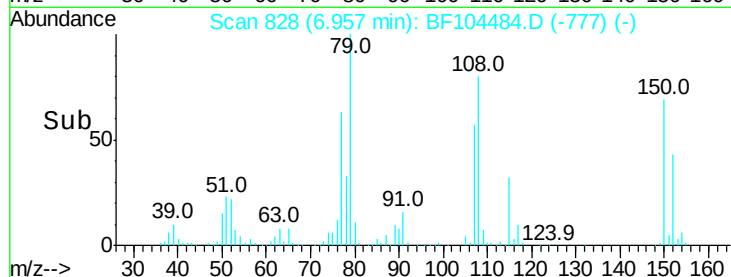
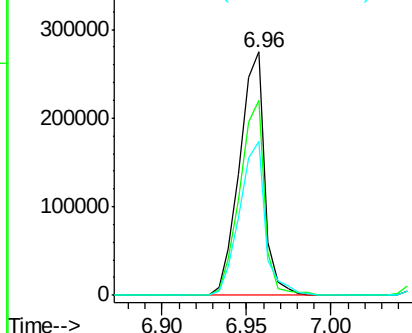
#15
Benzyl Alcohol
Concen: 34.917 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 284416
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 63.3 50.6 75.8

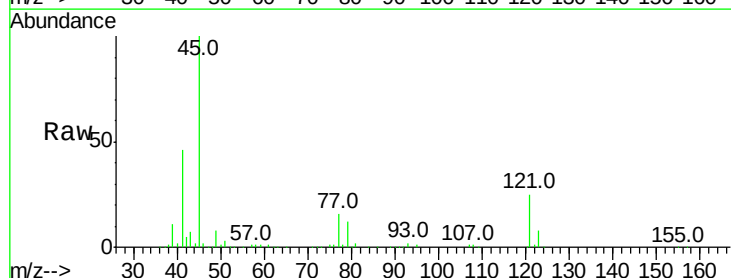


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

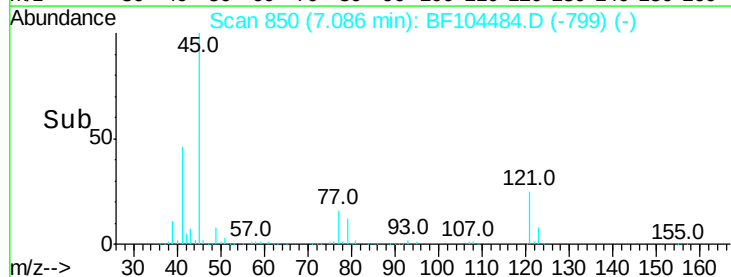
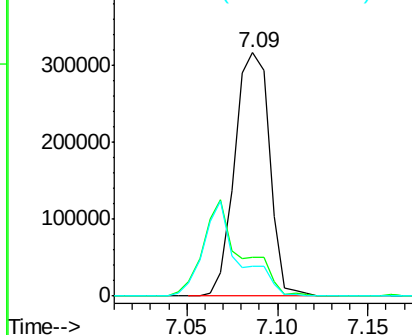


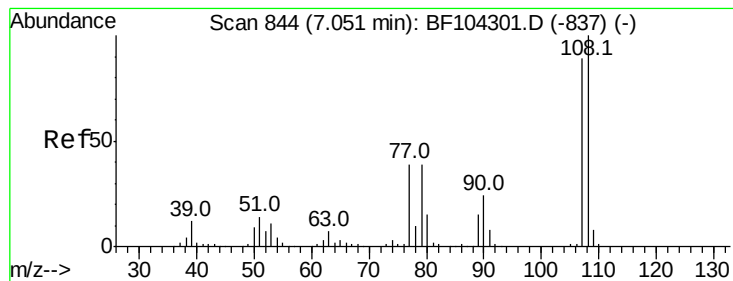
#16
2,2'-oxybis(1-chloropropane)
Concen: 34.663 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion: 45 Resp: 422703
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 12.3 0.0 29.6



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

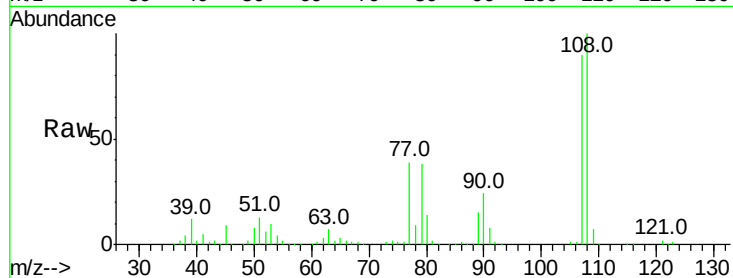




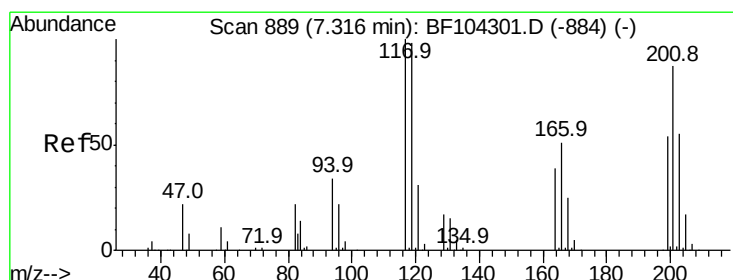
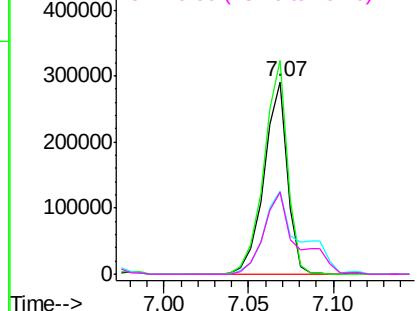
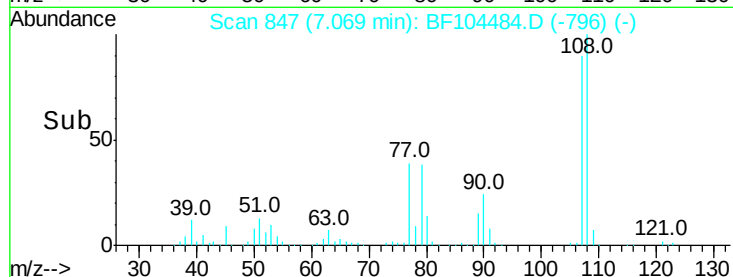
#17
2-Methylphenol
Concen: 34.895 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 279440
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 43.2 33.8 50.8
79 42.8 33.8 50.8

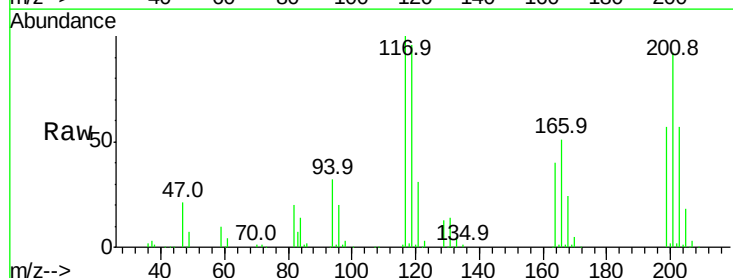


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

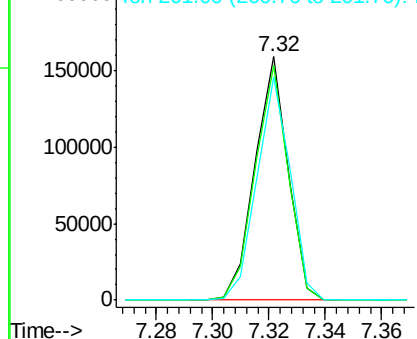
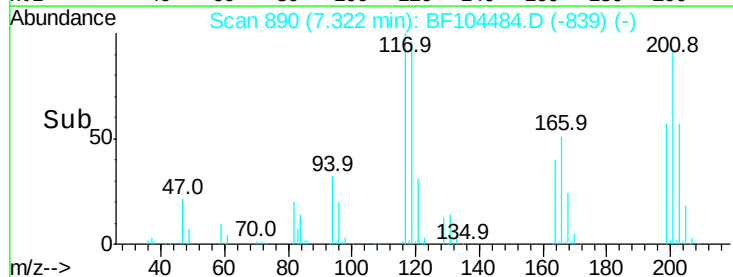


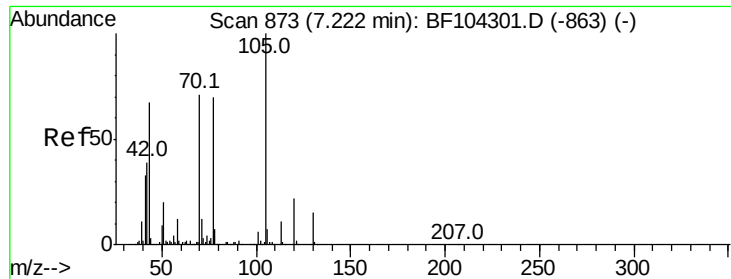
#18
Hexachloroethane
Concen: 34.889 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:117 Resp: 129416
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 91.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

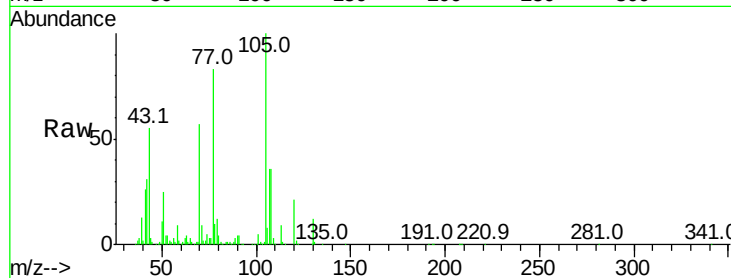




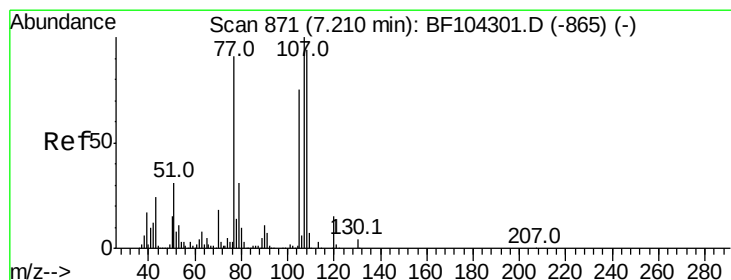
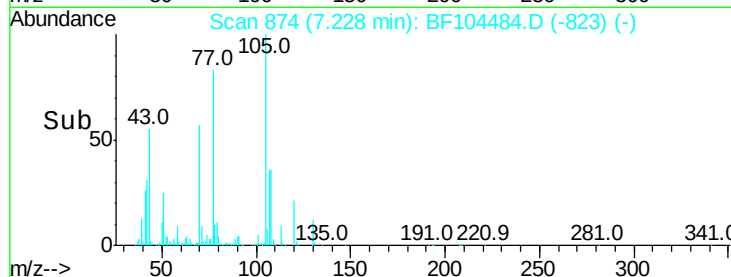
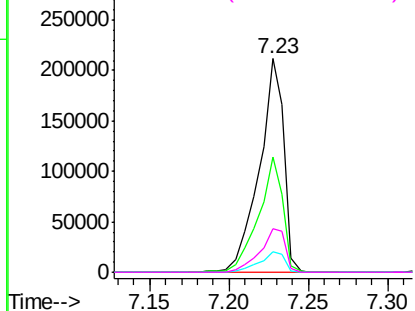
#19
n-Nitroso-di-n-propylamine
Concen: 32.824 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 230026
Ion Ratio Lower Upper
70 100
42 53.9 47.5 71.3
101 9.6 7.4 11.2
130 20.4 16.6 25.0

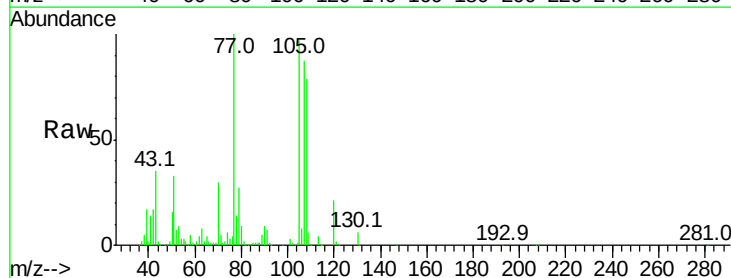


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

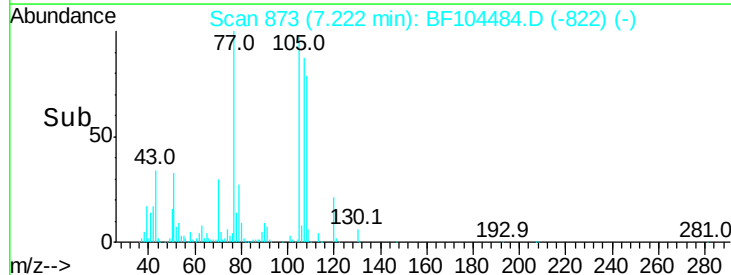
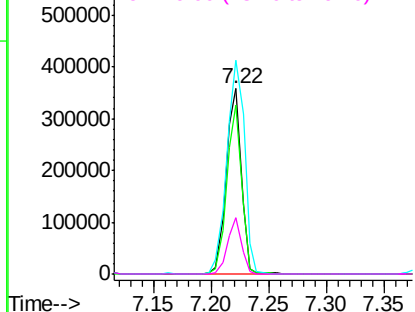


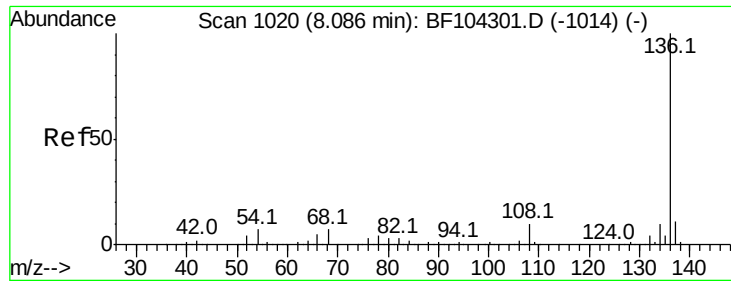
#20
3+4-Methylphenols
Concen: 32.936 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:107 Resp: 327112
Ion Ratio Lower Upper
107 100
108 91.3 68.2 108.2
77 115.4 26.7 66.7#
79 30.7 6.3 46.3



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

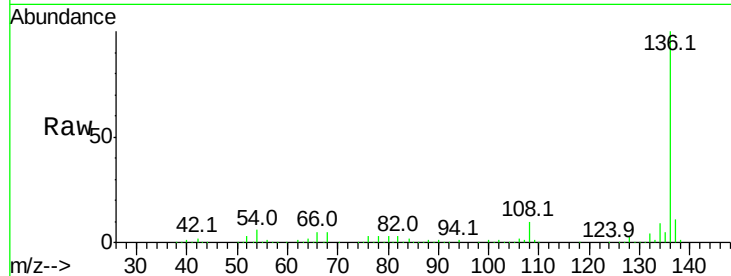




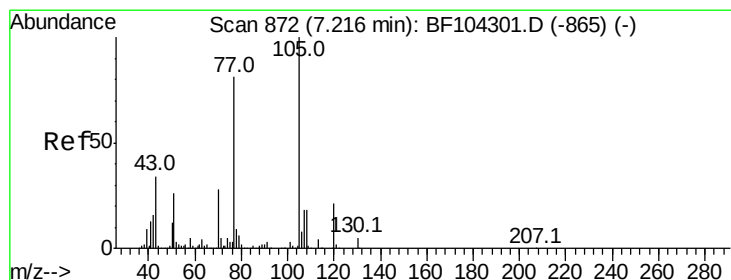
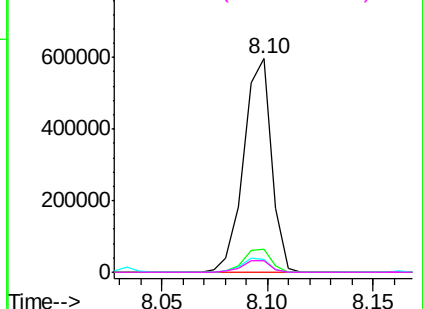
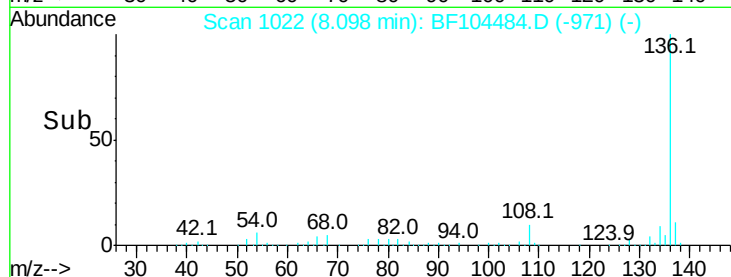
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	546201
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.4	5.0	7.4

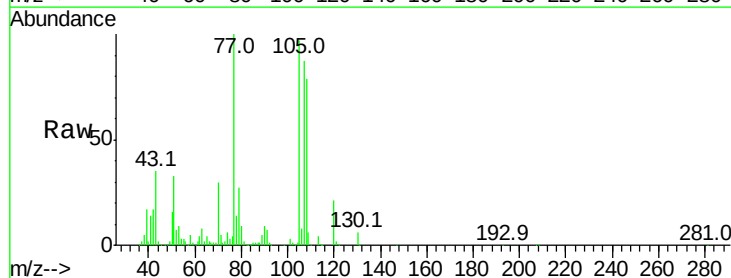


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

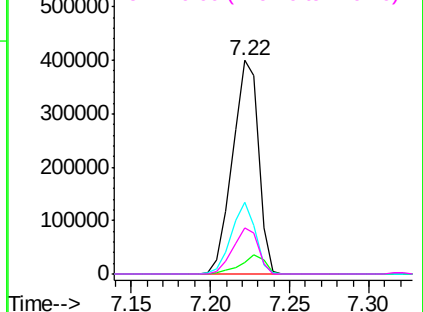
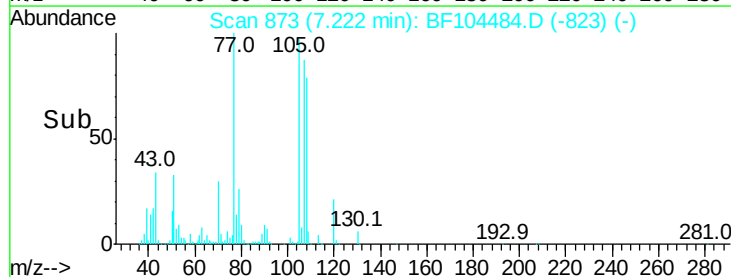


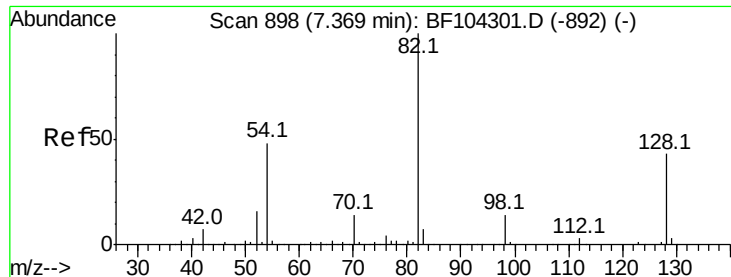
#22
Acetophenone
Concen: 33.726 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:	105	Resp:	453520
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.4	6.6
51	33.8	22.3	33.5#
120	21.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

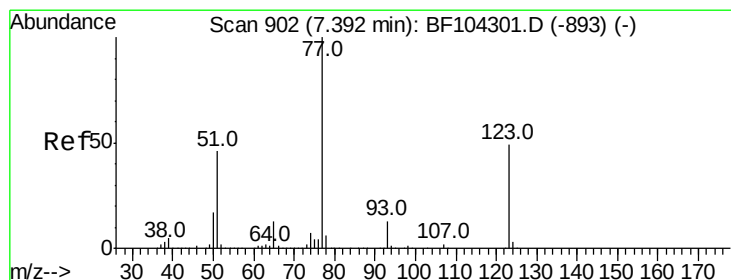
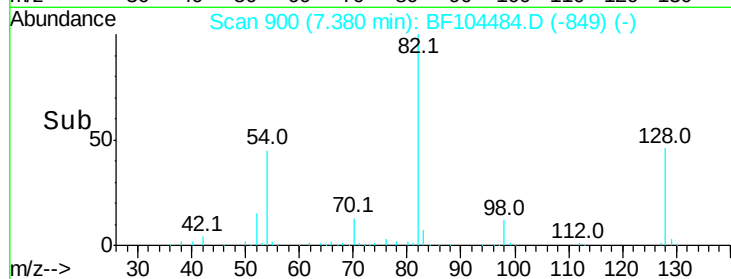
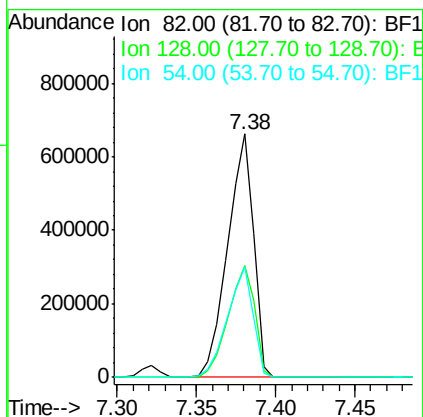
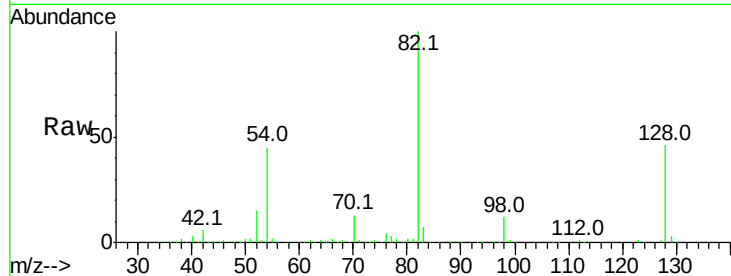




#23
 Nitrobenzene-d5
 Concen: 89.620 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

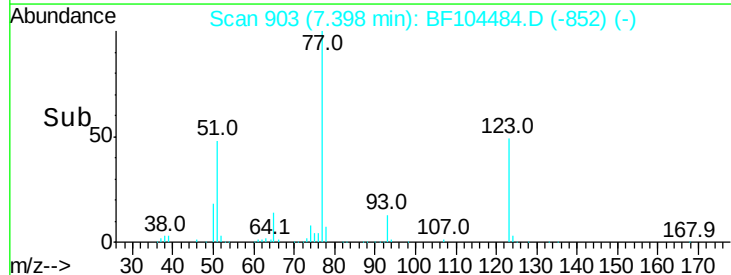
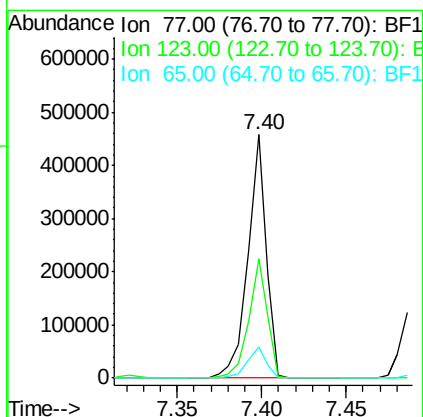
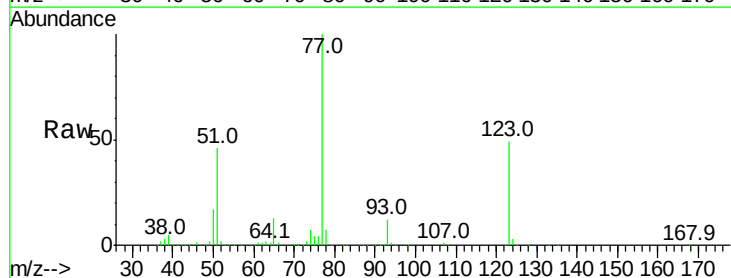
Instrument :
 BNA_F
 ClientSampled :

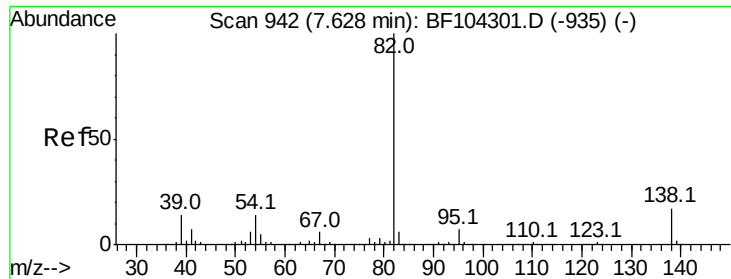
Tot Ion: 82 Resp: 749648
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 45.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.109 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion: 77 Resp: 351944
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 32.291 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

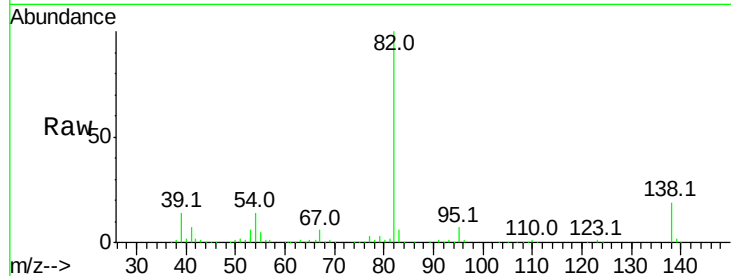
Tot Ion: 82 Resp: 571168

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

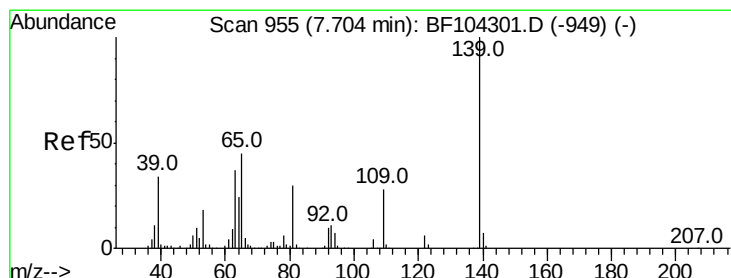
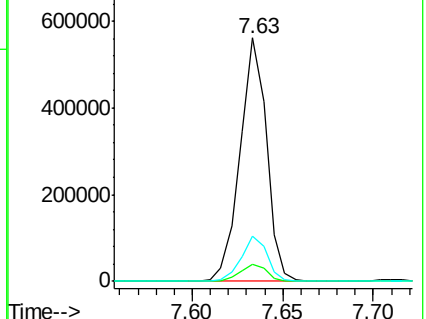
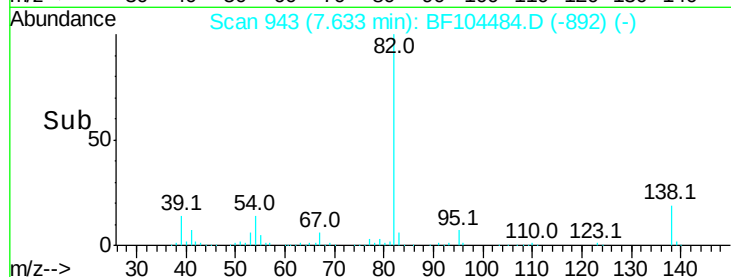
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.543 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

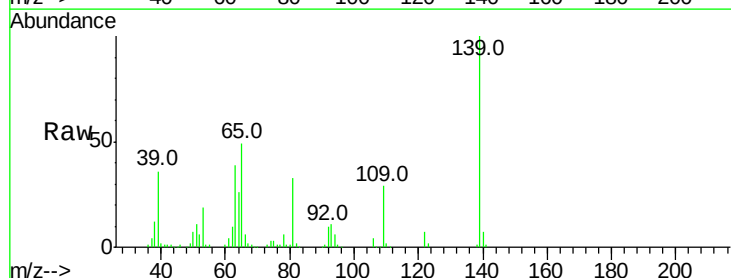
Tgt Ion: 139 Resp: 182505

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

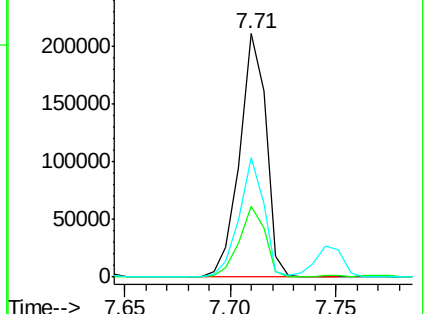
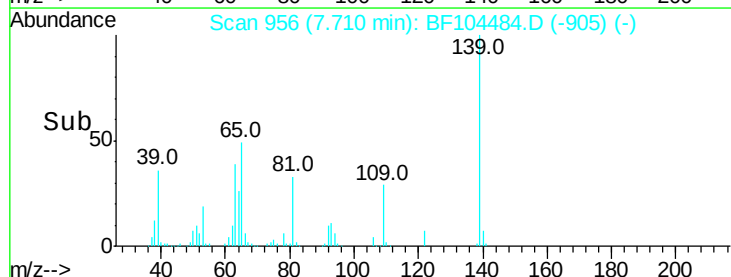
65 49.0 40.5 60.7

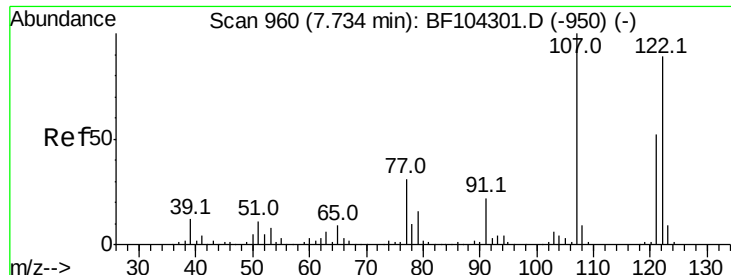


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

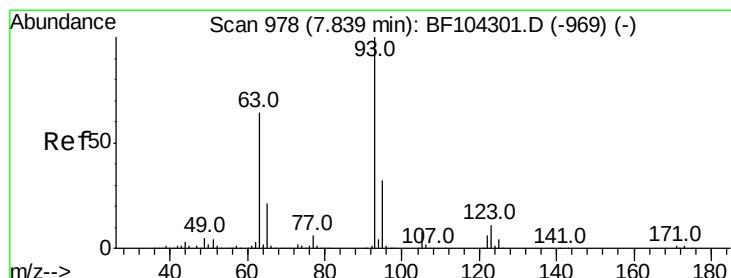
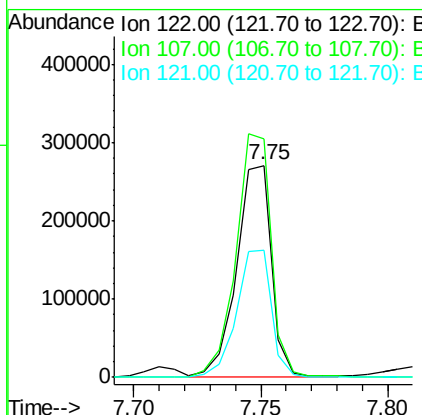
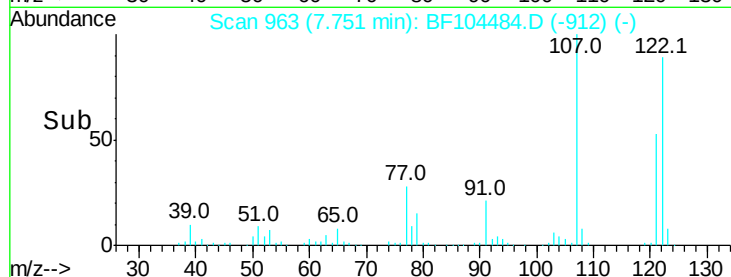
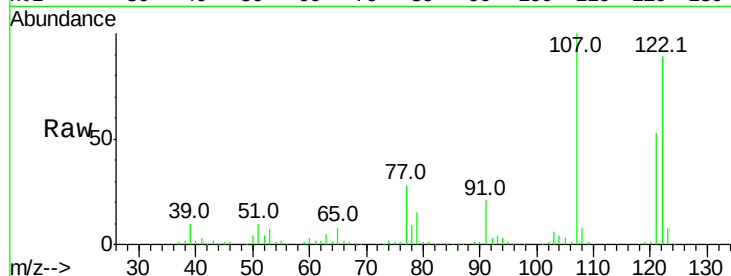




#27
 2,4-Dimethylphenol
 Concen: 33.365 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

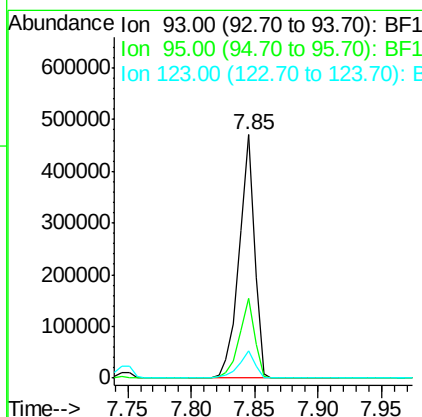
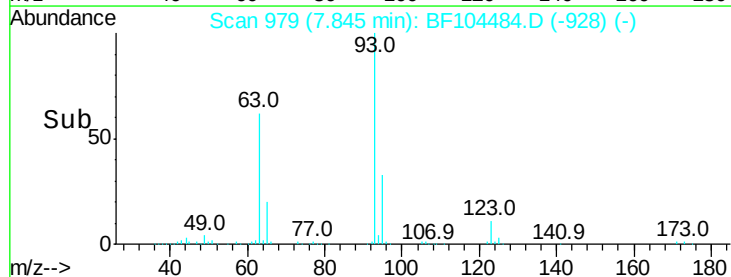
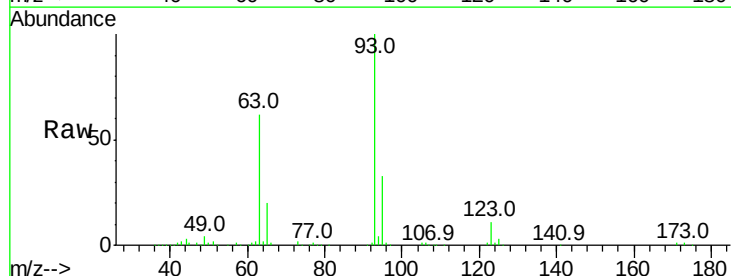
Instrument :
 BNA_F
 ClientSampleId :

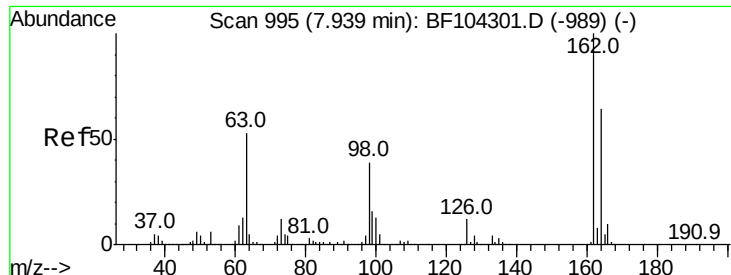
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	59.8	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.206 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 36.630 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

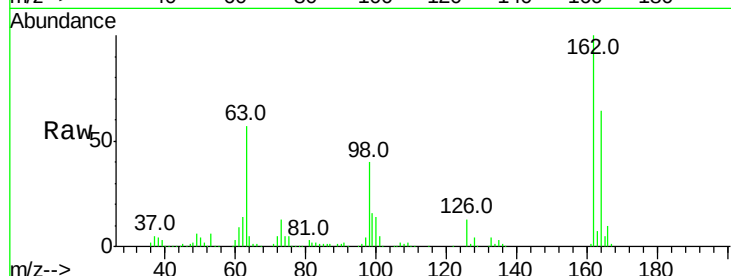
Tot Ion:162 Resp: 272839

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

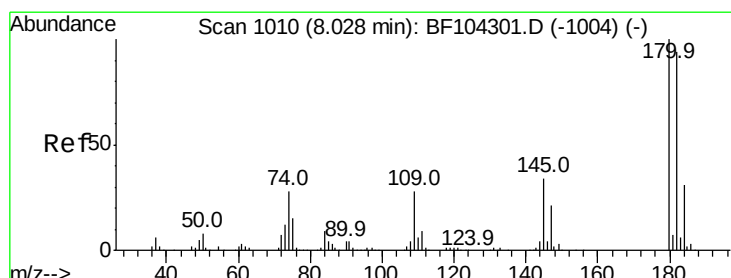
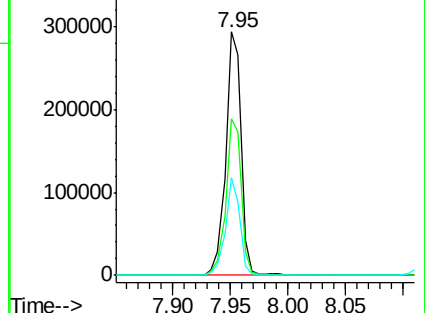
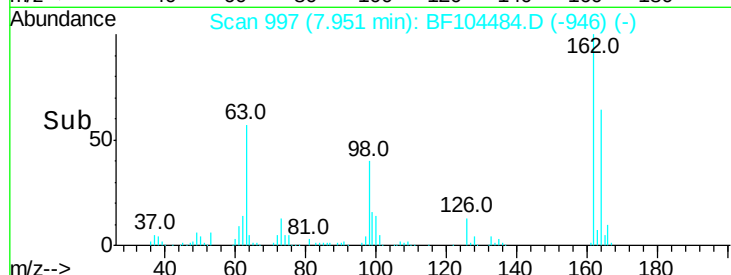
98 40.2 18.1 58.1



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: 36.182 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

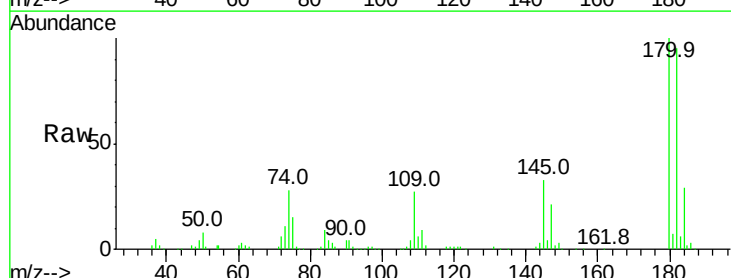
Tgt Ion:180 Resp: 295767

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

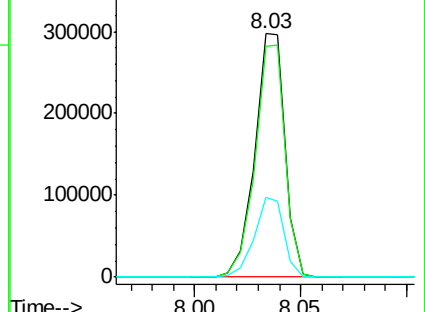
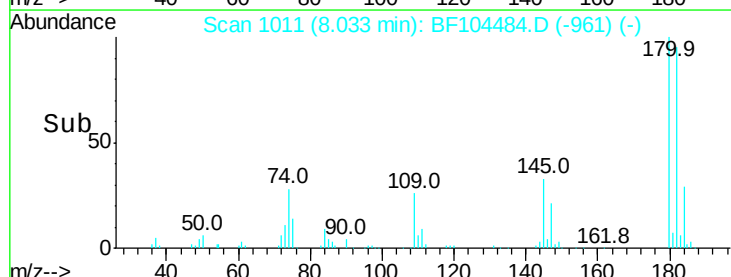
145 33.0 26.5 39.7

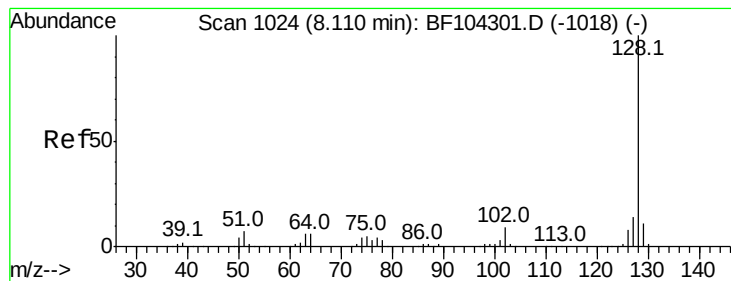


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.871 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

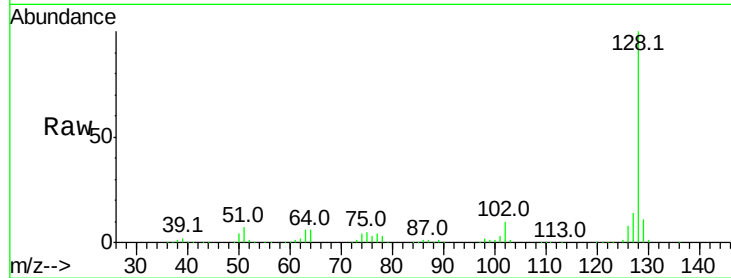
Tot Ion:128 Resp: 894013

Ion Ratio Lower Upper

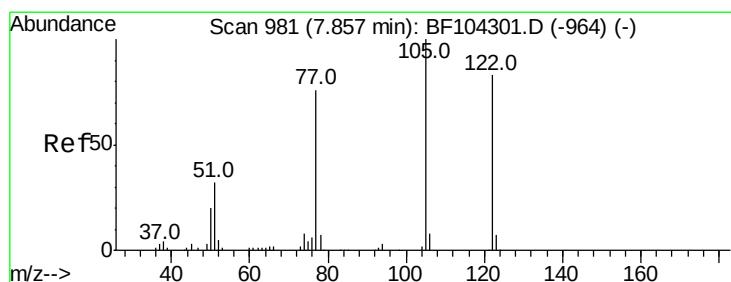
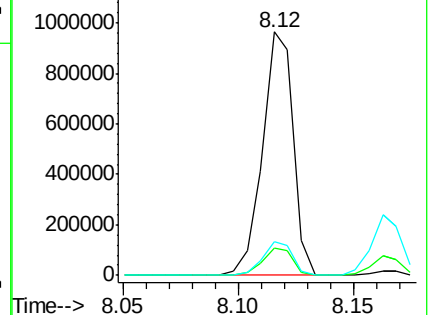
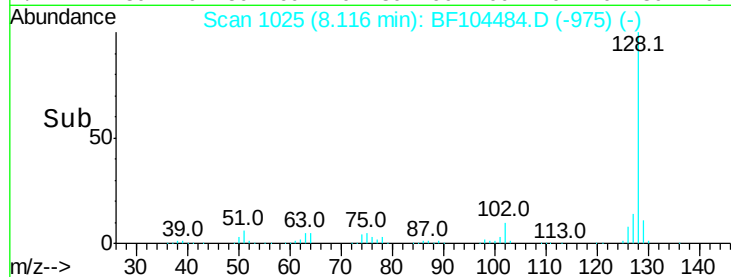
128 100

129 11.4 8.8 13.2

127 13.6 10.9 16.3



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



#32

Benzoic acid

Concen: 9.395 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.04 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

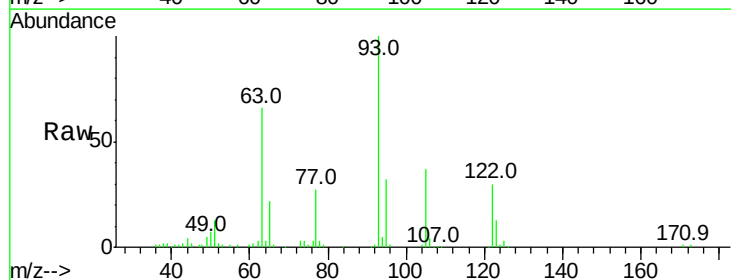
Tgt Ion:122 Resp: 58519

Ion Ratio Lower Upper

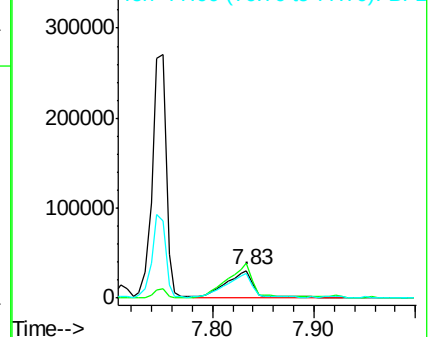
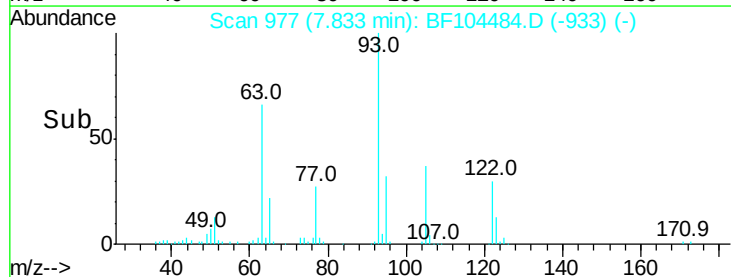
122 100

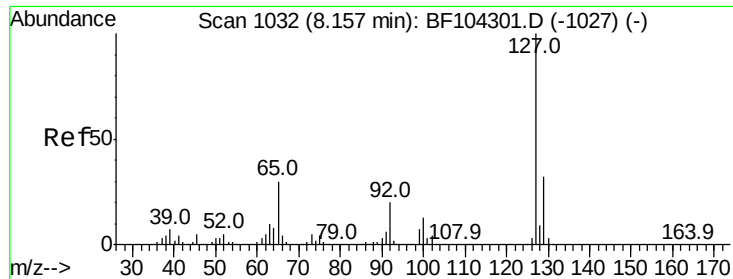
105 124.8 101.1 141.1

77 91.1 70.7 110.7



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

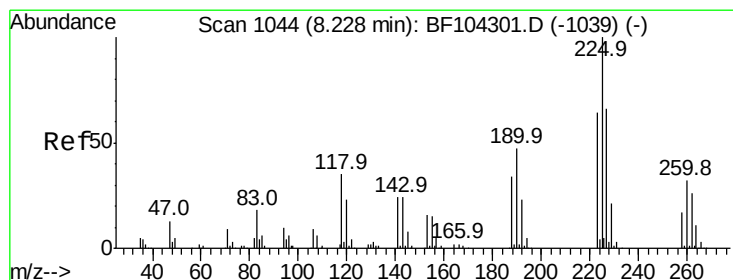
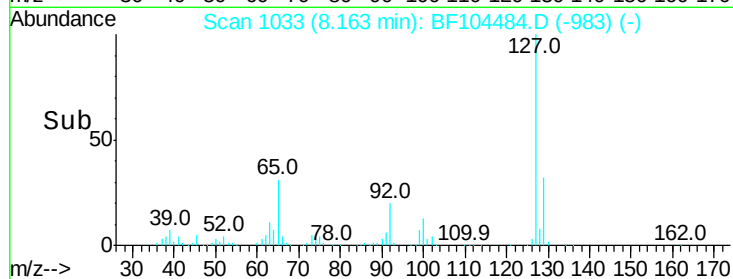
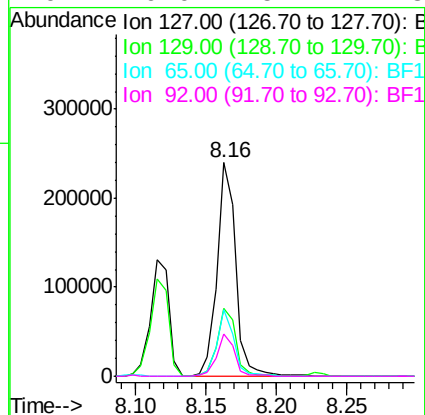
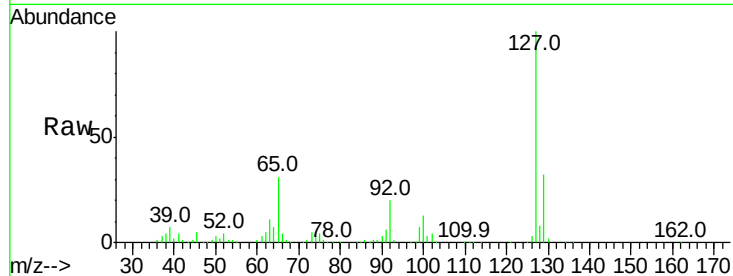




#33
4-Chloroaniline
Concen: 18.883 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

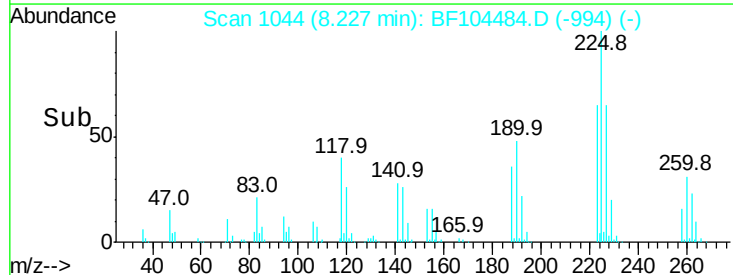
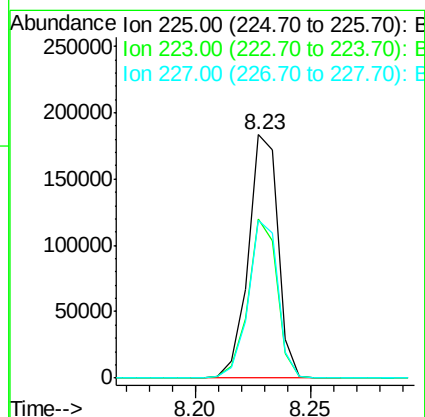
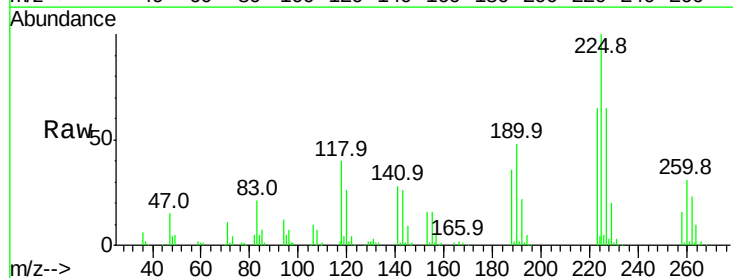
Instrument :
BNA_F
ClientSampleId :

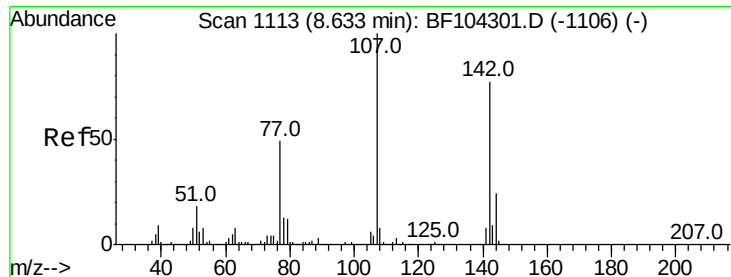
Tot Ion:	127	Resp:	220023
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	31.2	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.948 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:	225	Resp:	165433
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	64.7	51.9	77.9

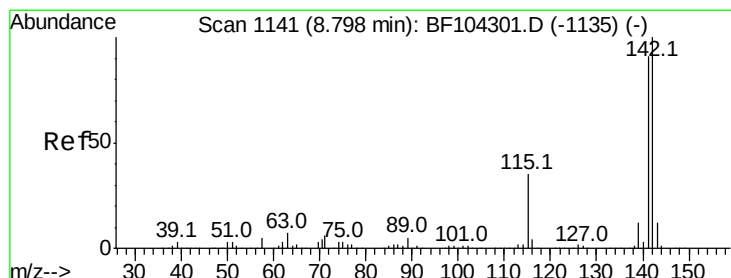
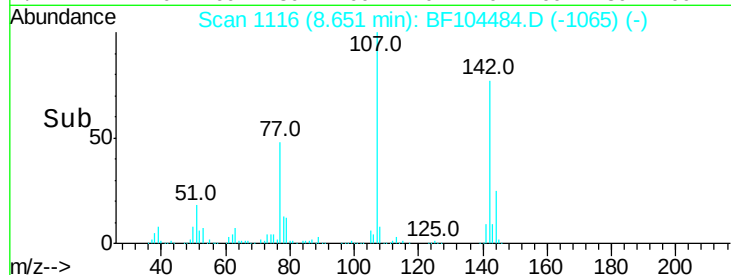
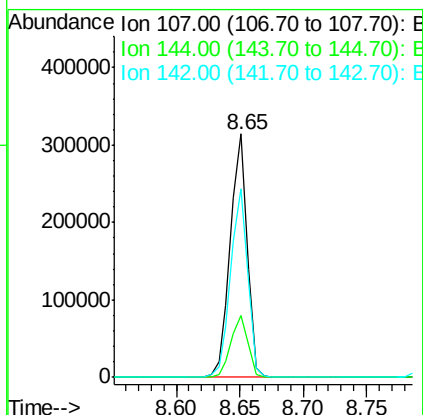
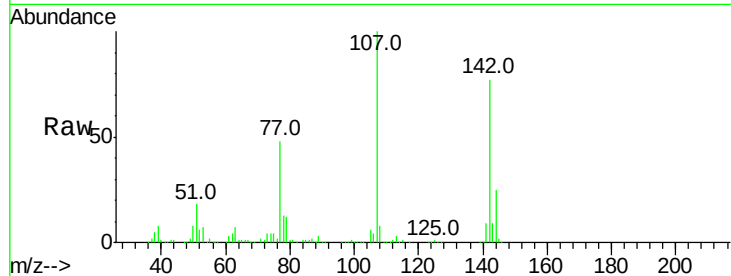




#36
 4-Chloro-3-methylphenol
 Concen: 36.423 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

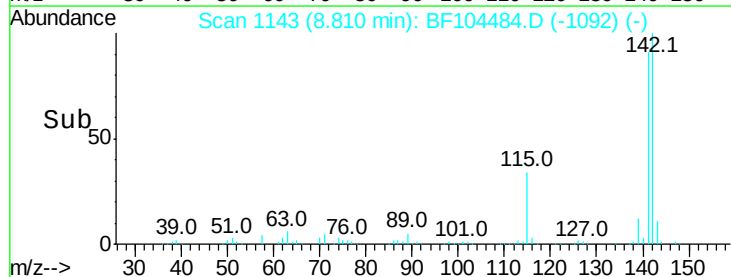
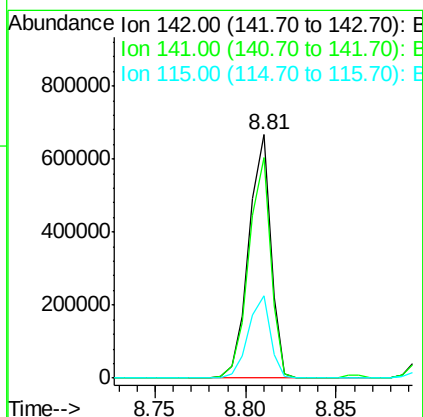
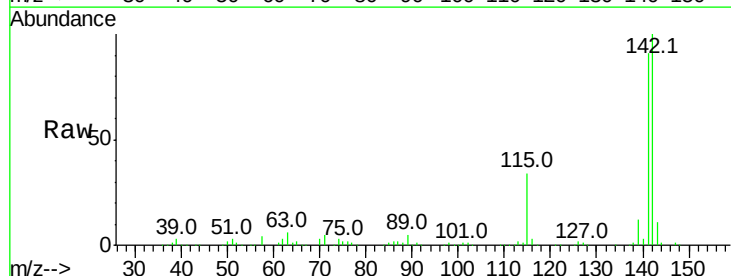
Instrument :
 BNA_F
 ClientSampleId :

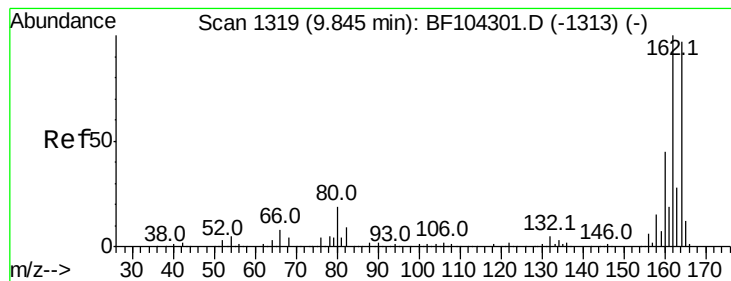
Tot Ion:107 Resp: 290904
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 77.4 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 32.228 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:142 Resp: 566990
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.8 106.2
 115 33.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

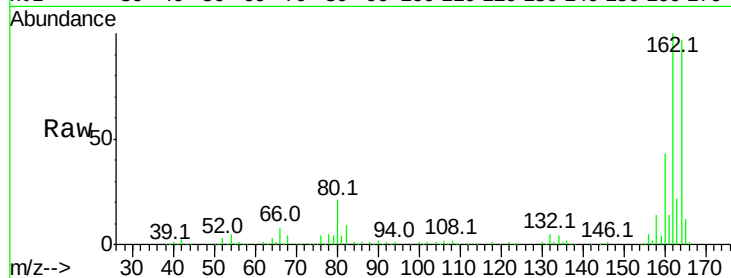
Tot Ion:164 Resp: 237194

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

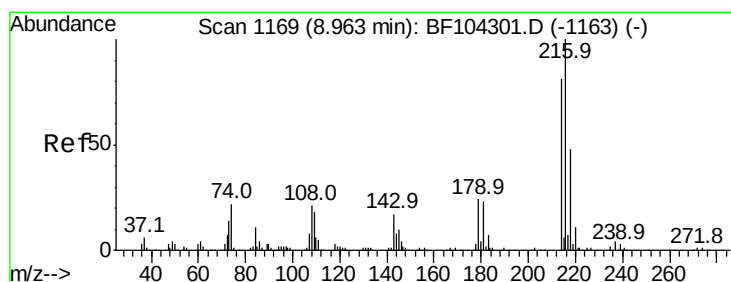
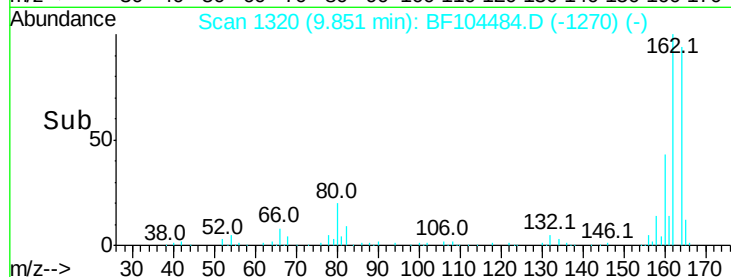
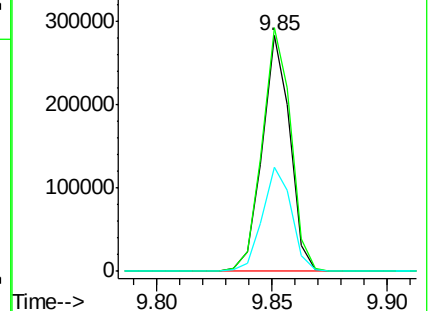
160 44.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.110 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Tgt Ion:216 Resp: 258764

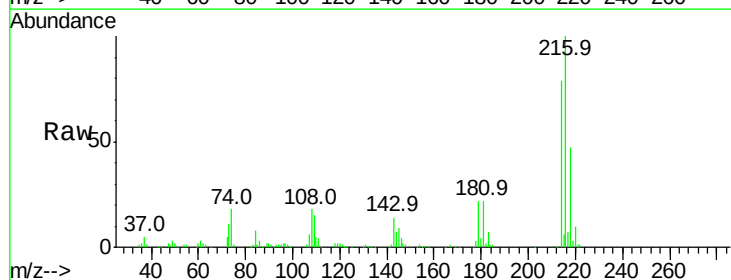
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.5 18.1 27.1

108 20.0 17.2 25.8

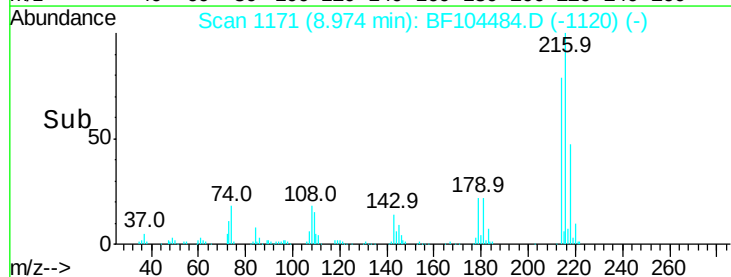
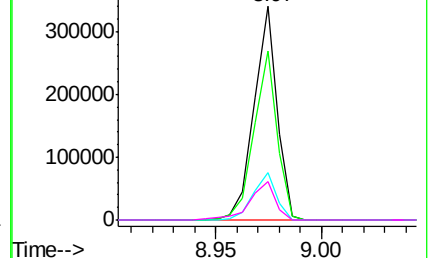


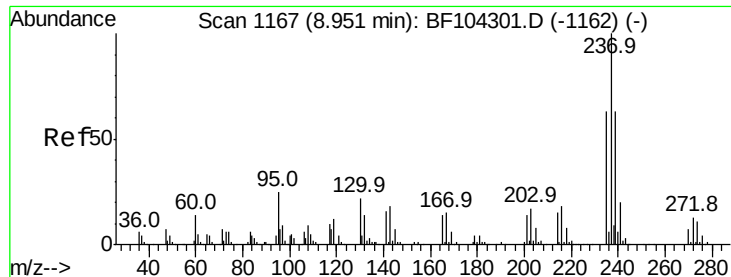
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 32.516 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

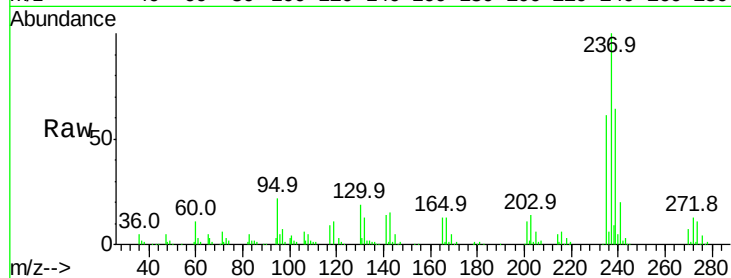
Tot Ion:237 Resp: 123600

Ion Ratio Lower Upper

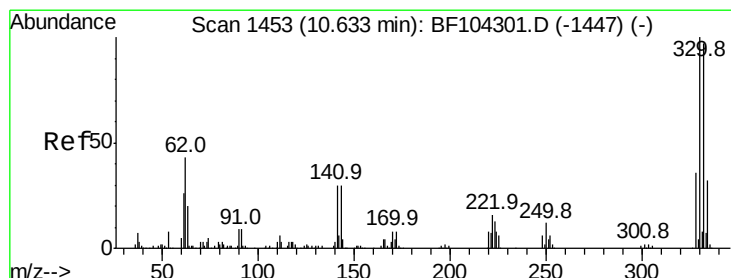
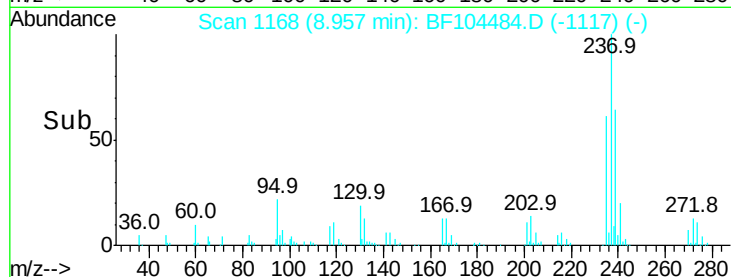
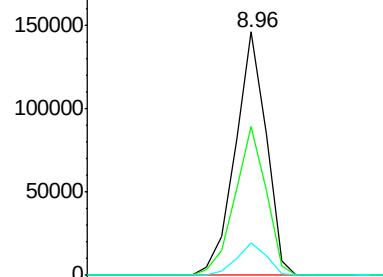
237 100

235 61.2 44.8 84.8

272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 109.218 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

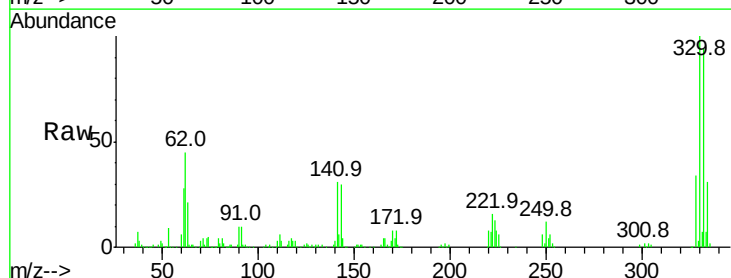
Tgt Ion:330 Resp: 268729

Ion Ratio Lower Upper

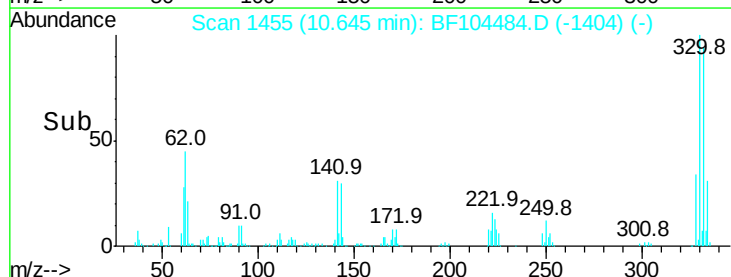
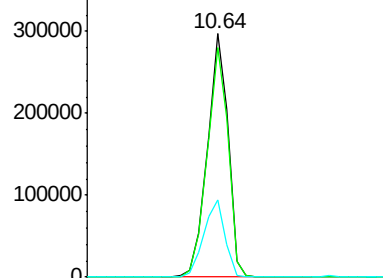
330 100

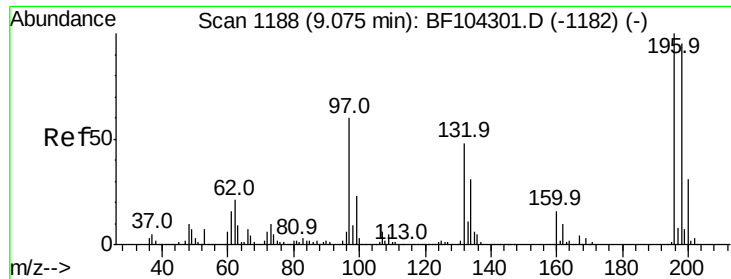
332 96.2 77.0 115.6

141 32.6 29.9 44.9



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

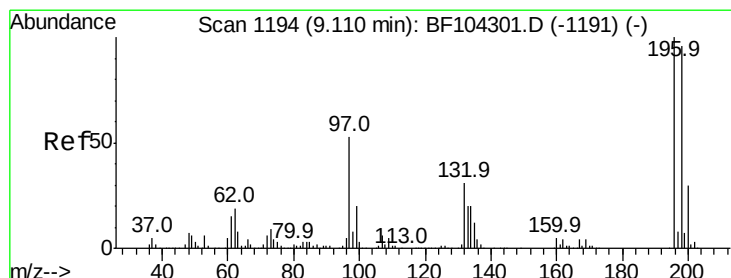
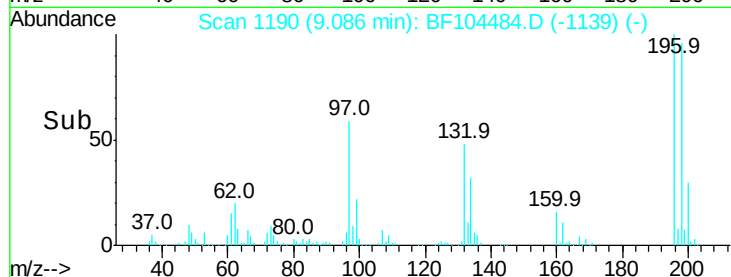
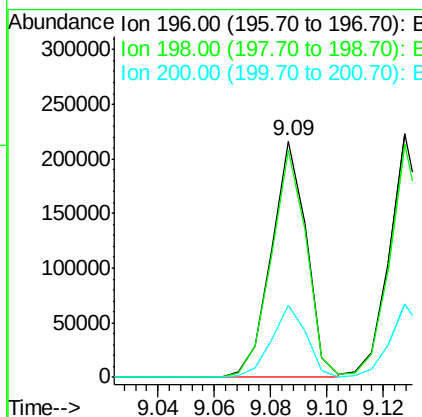
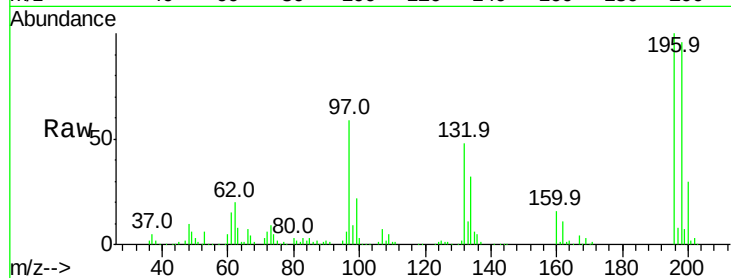




#42
 2,4,6-Trichlorophenol
 Concen: 39.600 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

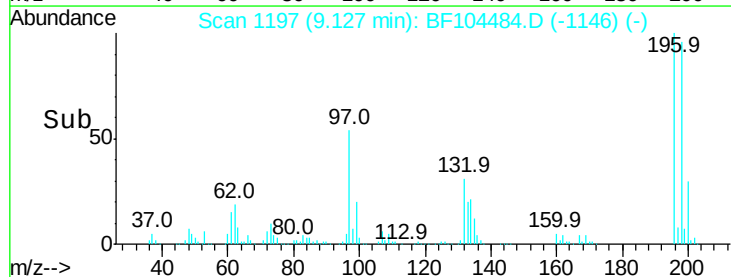
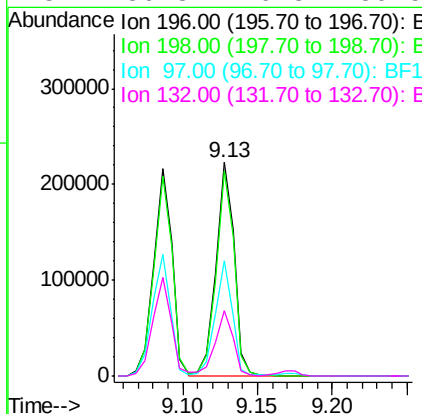
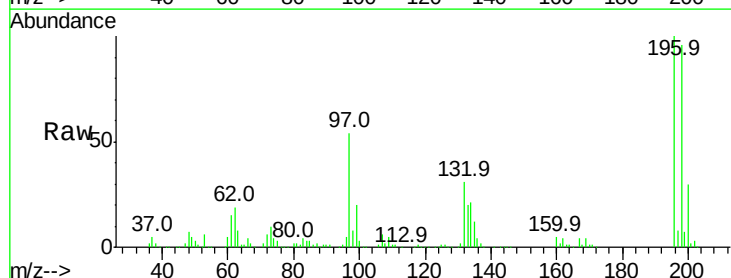
Instrument :
 BNA_F
 ClientSampleId :

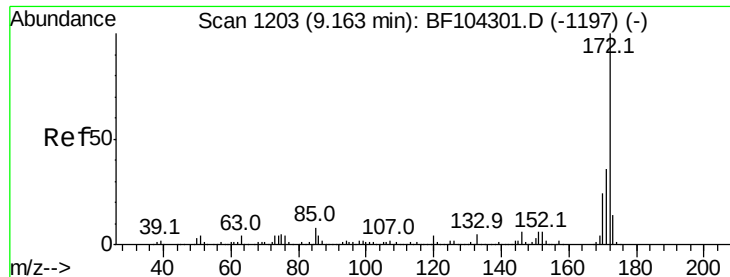
Tot Ion:196 Resp: 186650
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.3 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 36.236 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:196 Resp: 191125
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.6 112.0
 97 53.8 42.9 64.3
 132 30.8 26.3 39.5

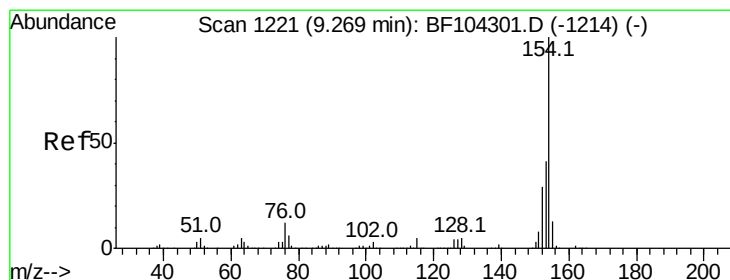
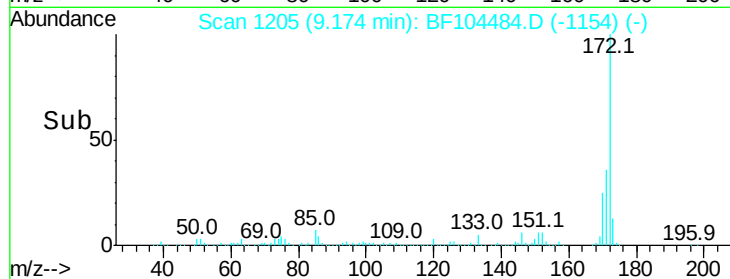
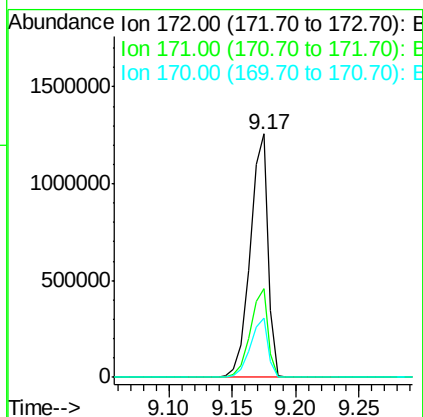
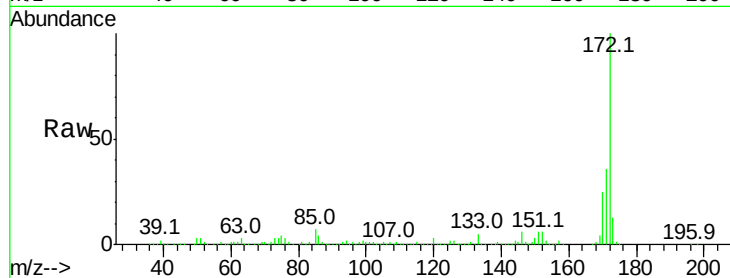




#44
2-Fluorobiphenyl
Concen: 81.825 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

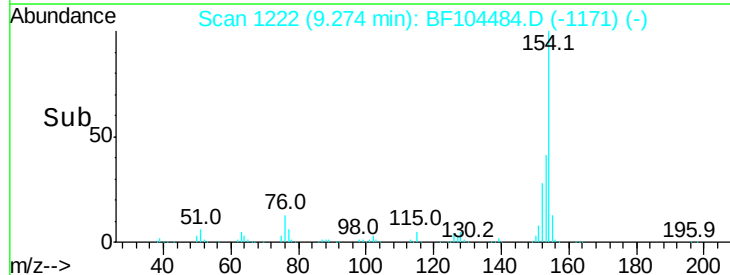
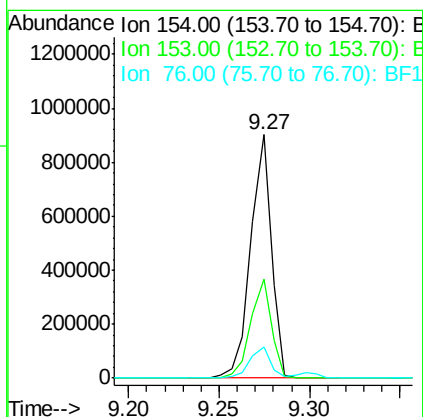
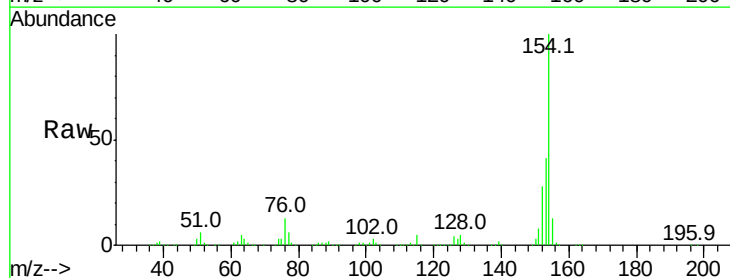
Instrument :
BNA_F
ClientSampleId :

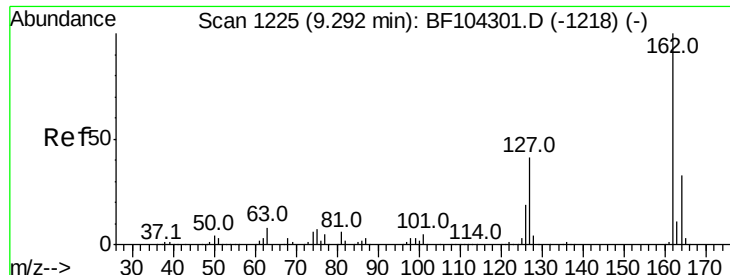
Tot Ion:172 Resp: 1228579
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.5 19.6 29.4



#45
1,1'-Biphenyl
Concen: 36.173 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:154 Resp: 720784
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 13.0 0.0 34.0

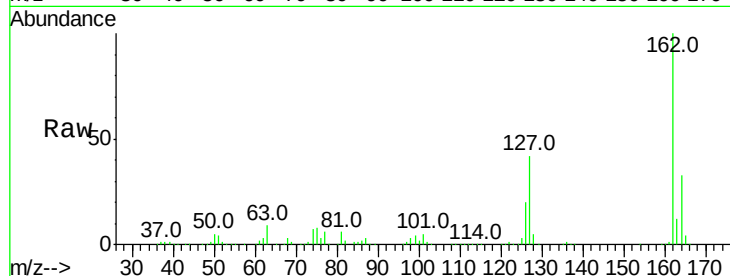




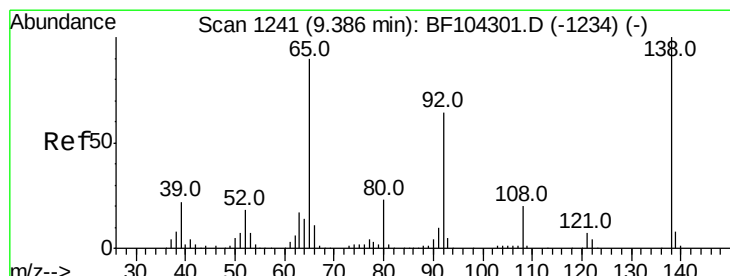
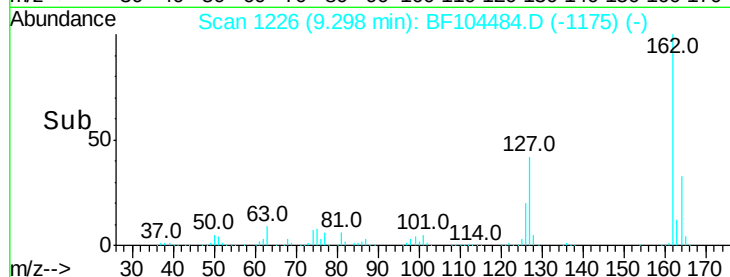
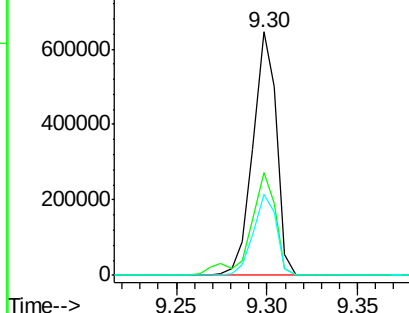
#46
 2-Chloronaphthalene
 Concen: 36.873 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	33.4	26.5	39.7

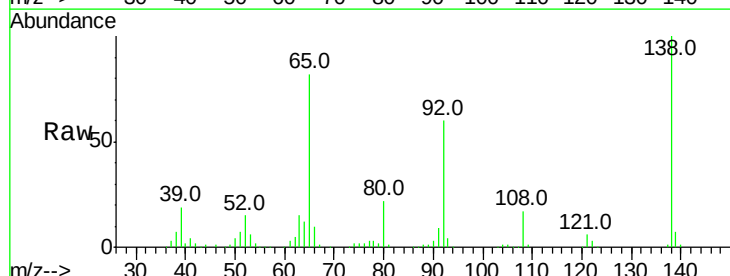


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

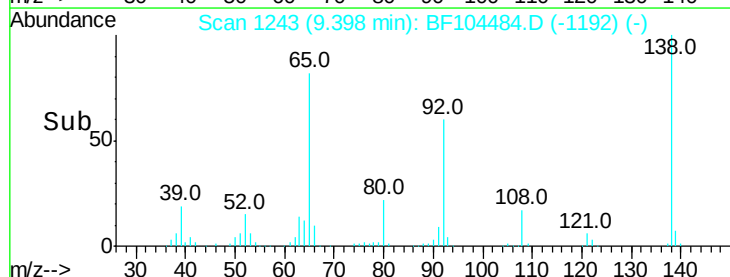
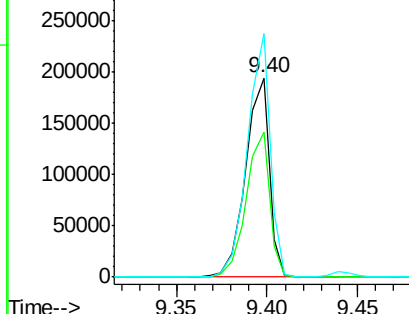


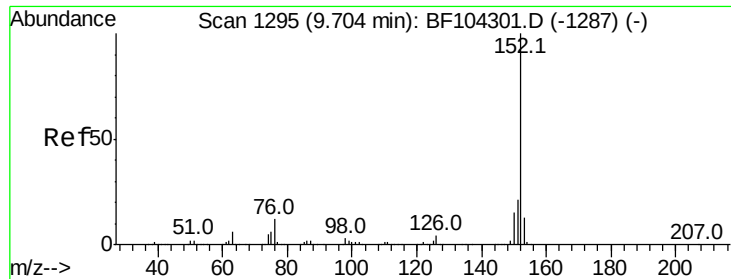
#47
 2-Nitroaniline
 Concen: 45.631 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.8	83.6
138	122.2	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 33.395 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

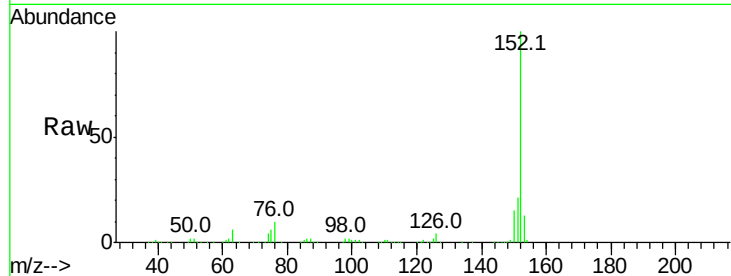
Tot Ion:152 Resp: 824643

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

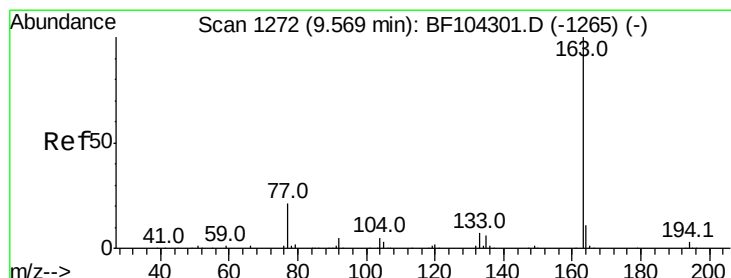
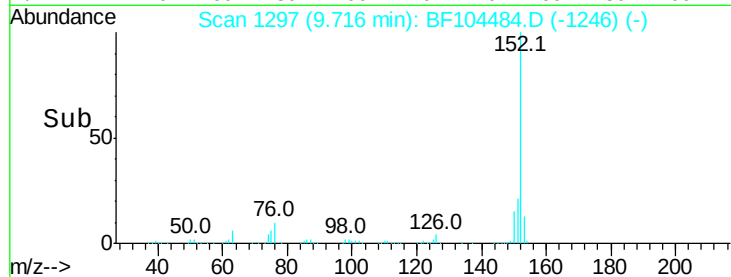
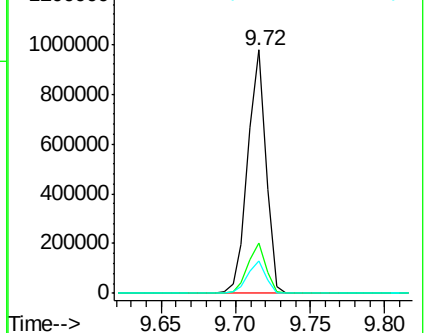
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.178 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

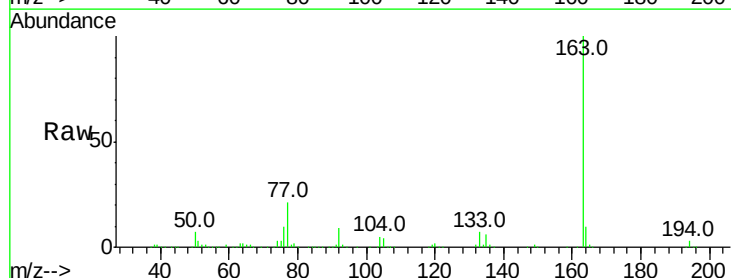
Tgt Ion:163 Resp: 807636

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

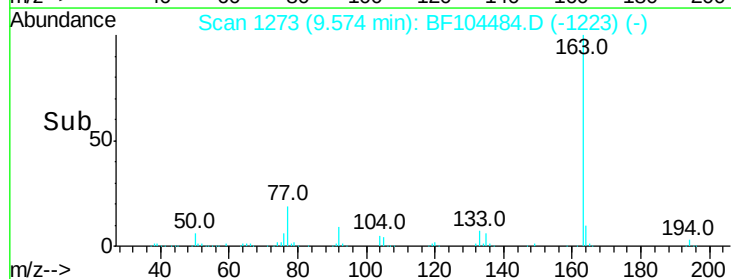
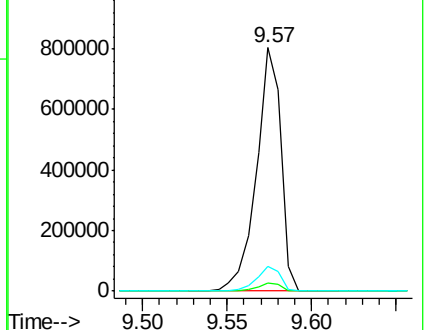
164 10.3 8.2 12.2

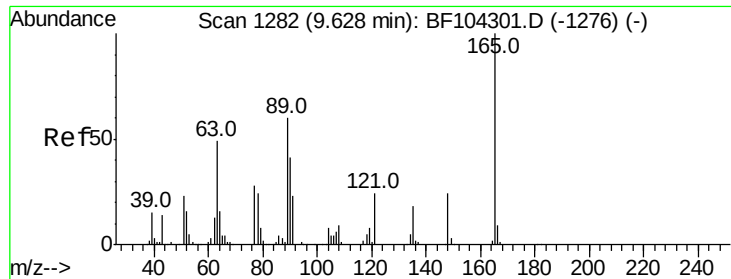


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

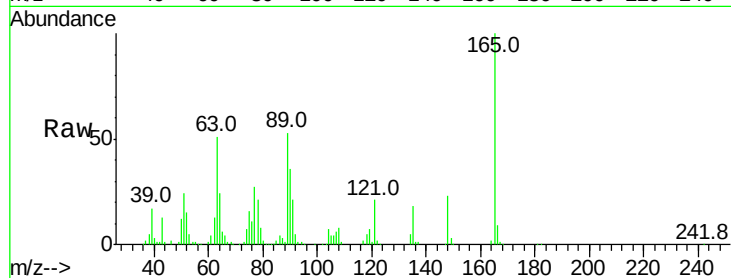




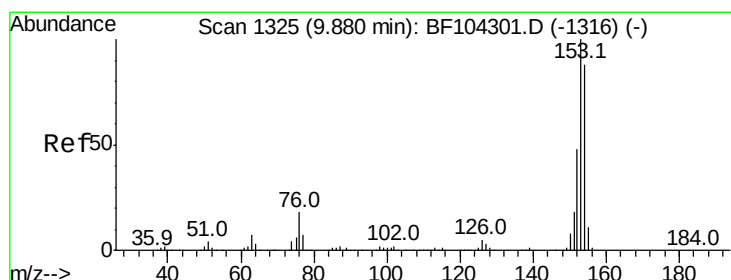
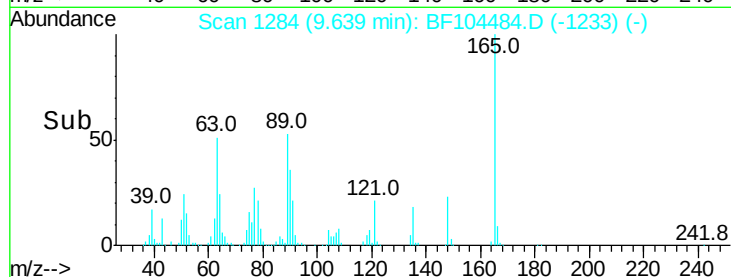
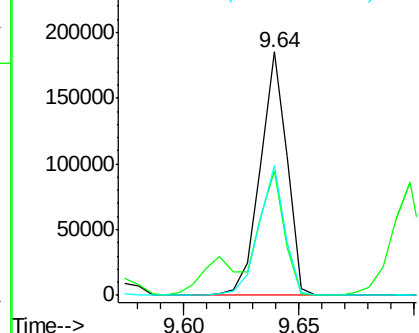
#50
2,6-Dinitrotoluene
Concen: 43.246 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 149678
Ion Ratio Lower Upper
165 100
63 51.3 44.7 67.1
89 53.3 44.0 66.0

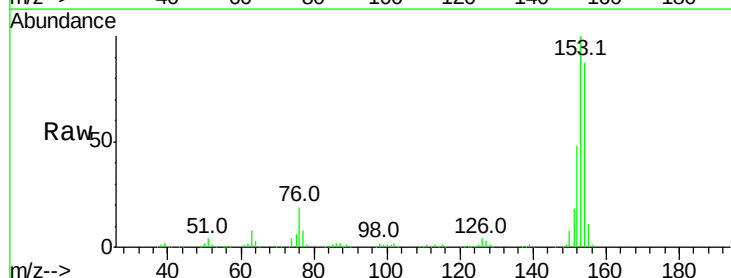


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

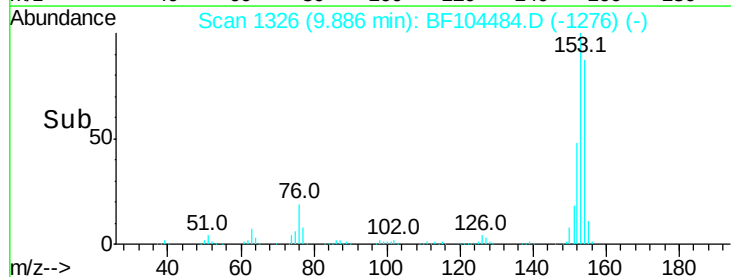
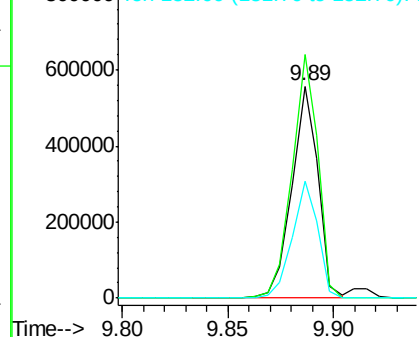


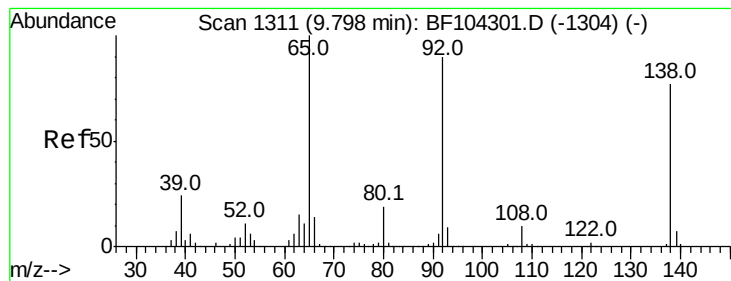
#51
Acenaphthene
Concen: 31.854 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:154 Resp: 479939
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 55.0 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: 31.201 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

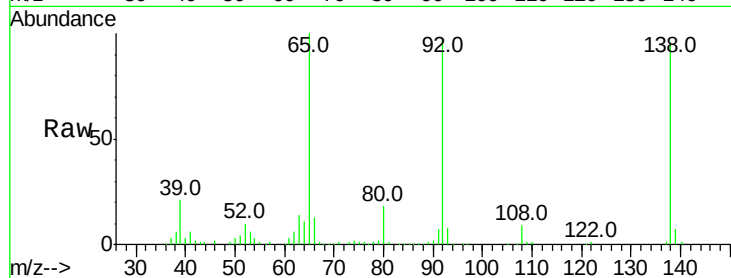
Tot Ion:138 Resp: 126424

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

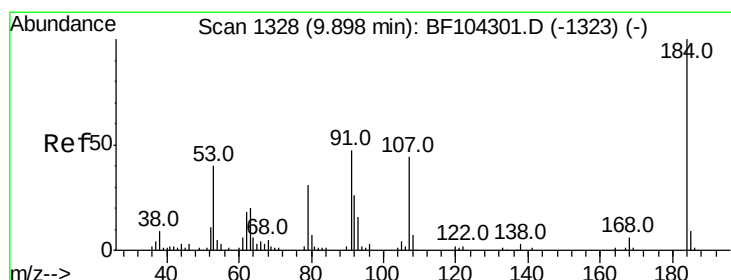
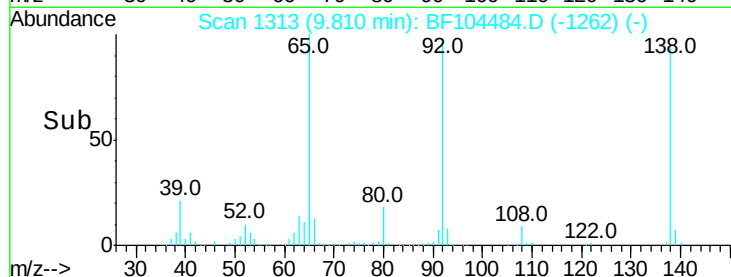
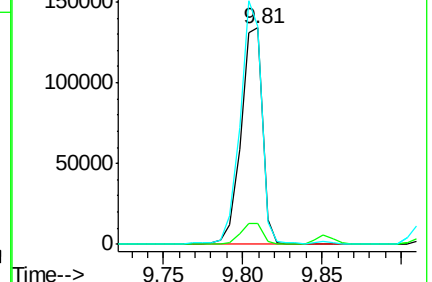
92 101.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 35.229 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

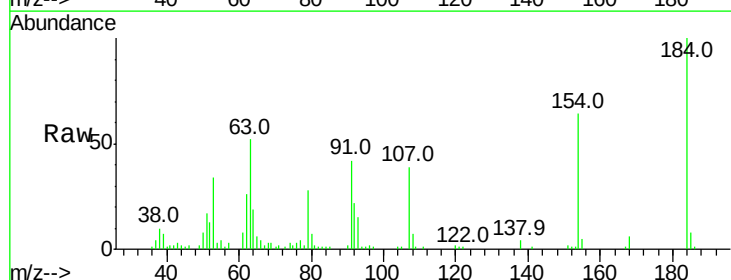
Tgt Ion:184 Resp: 35376

Ion Ratio Lower Upper

184 100

63 52.0 54.2 81.2#

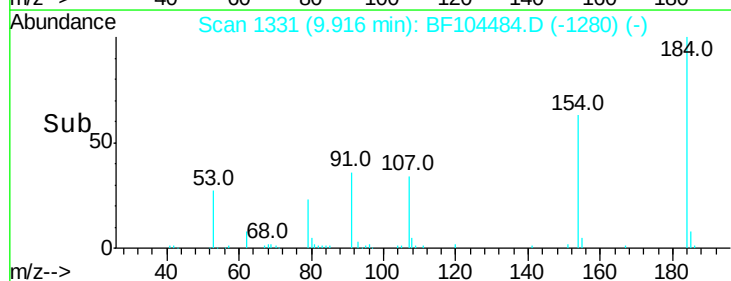
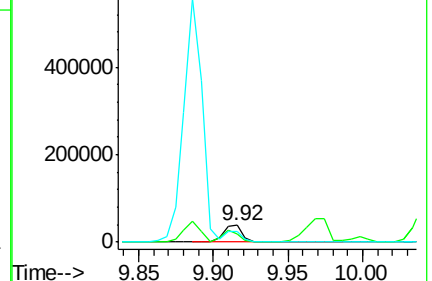
154 63.8 184.0 276.0#

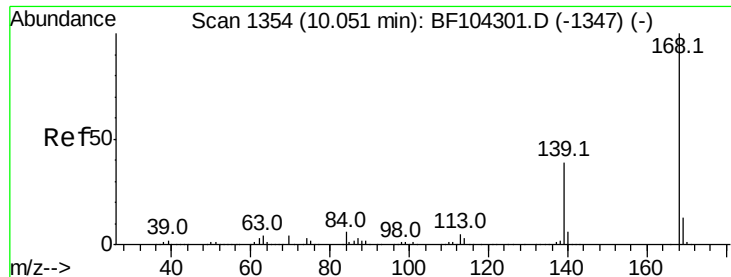


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 35.276 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

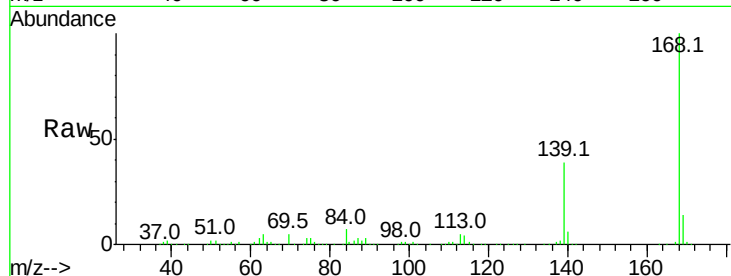
Tot Ion:168 Resp: 740687

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

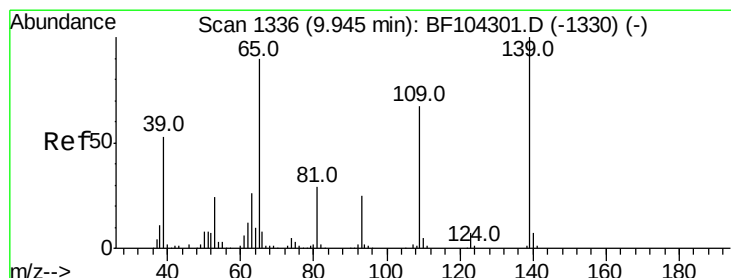
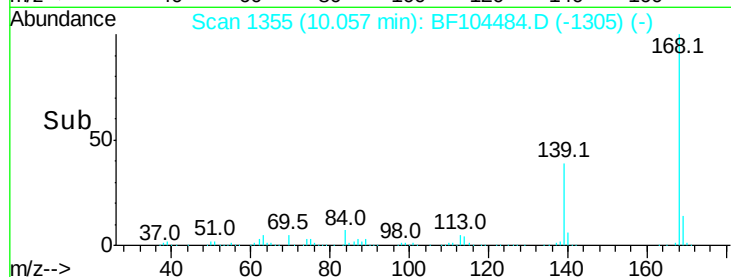
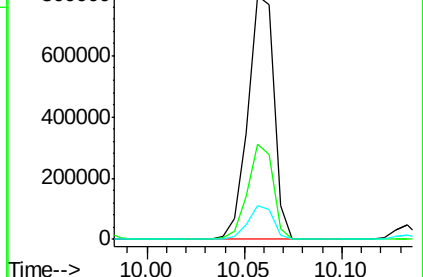
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 70.507 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

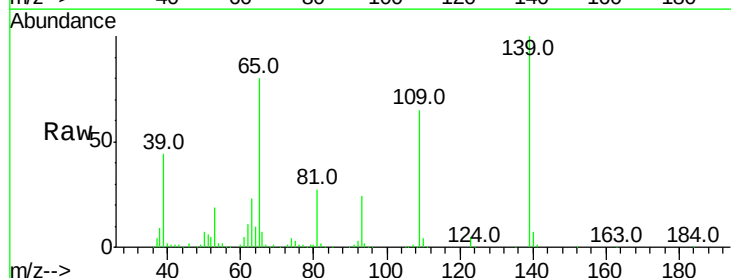
Tgt Ion:139 Resp: 224415

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

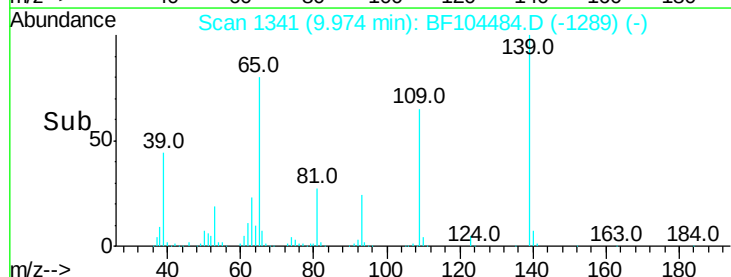
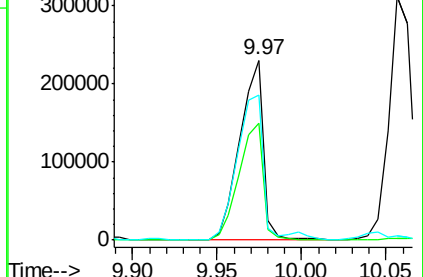
65 80.2 72.6 112.6

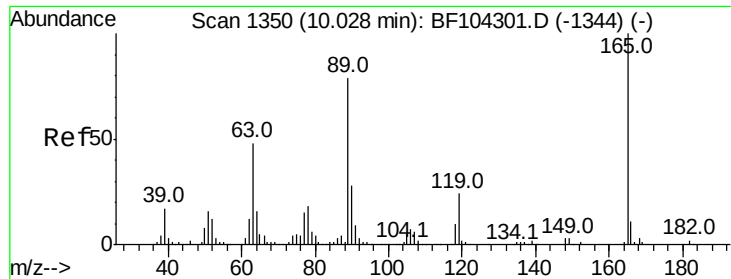


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

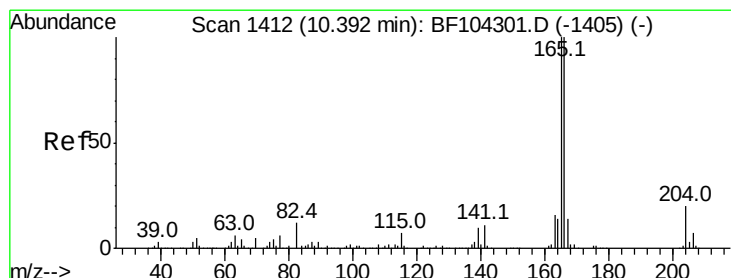
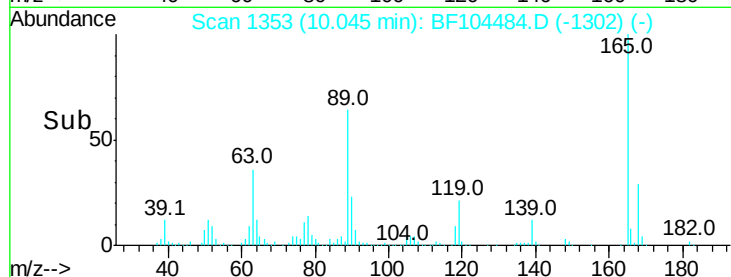
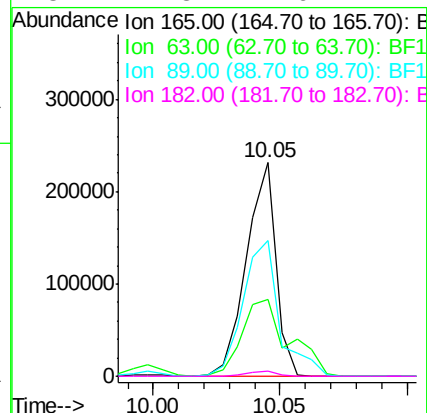
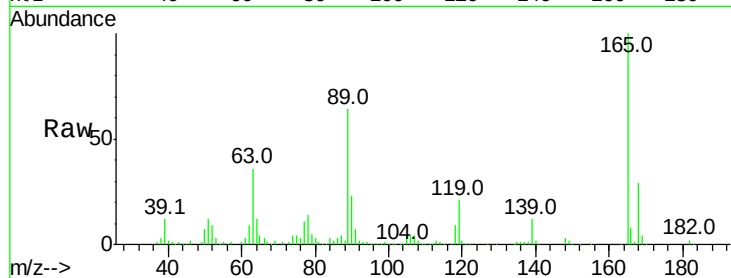




#56
2,4-Dinitrotoluene
Concen: 41.353 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

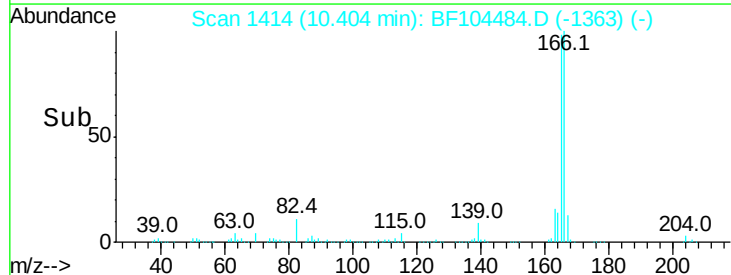
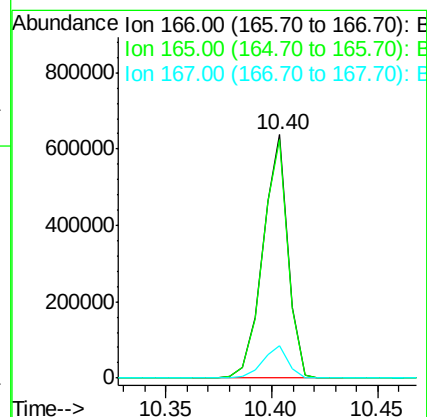
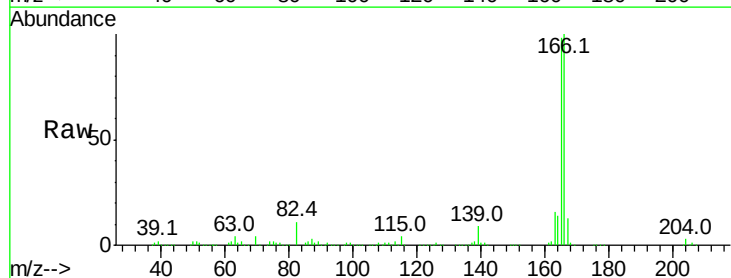
Instrument :
BNA_F
ClientSampleId :

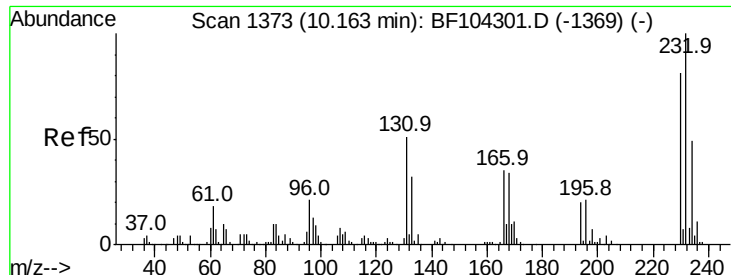
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.2	36.4	54.6#
89	63.8	57.8	86.6
182	2.3	1.6	2.4



#57
Fluorene
Concen: 34.303 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.4	10.6	16.0

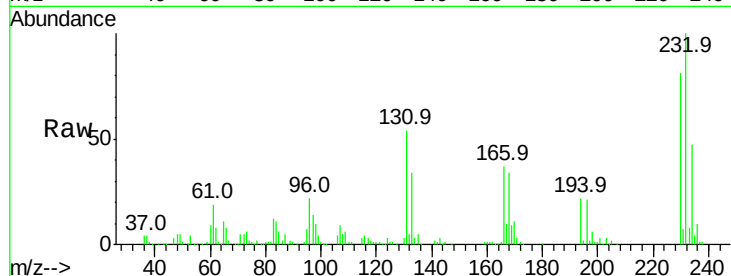




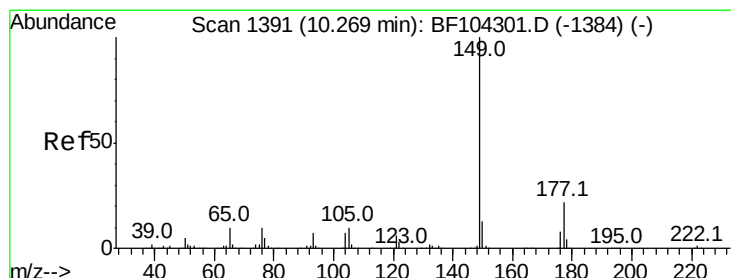
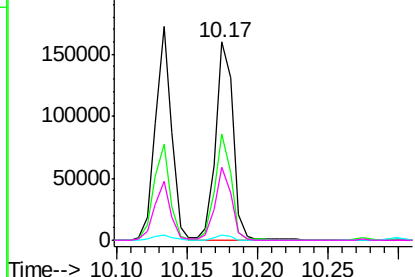
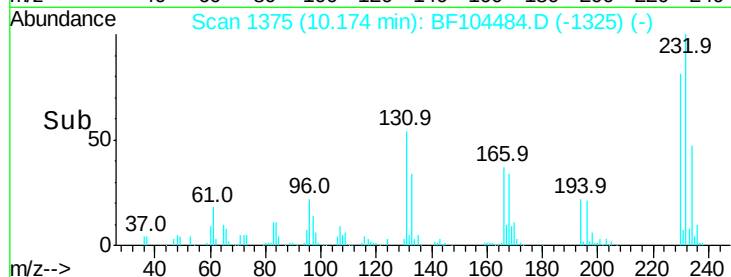
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.278 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	138817
Ion	Ratio	Lower	Upper
232	100		
131	50.0	43.8	65.8
130	2.4	2.1	3.1
166	33.8	27.8	41.6

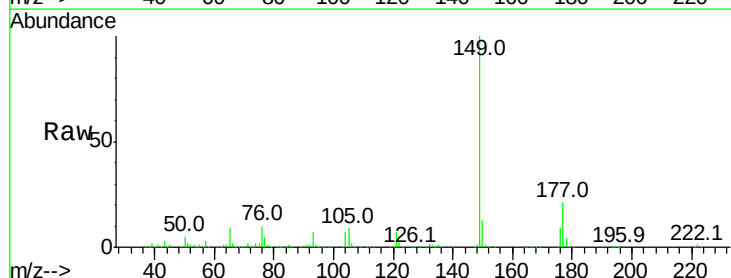


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

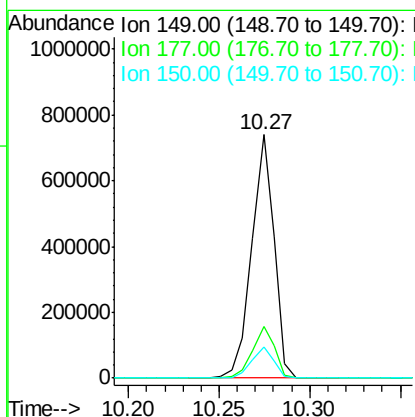
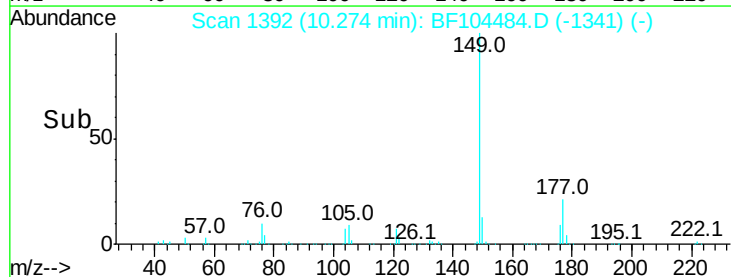


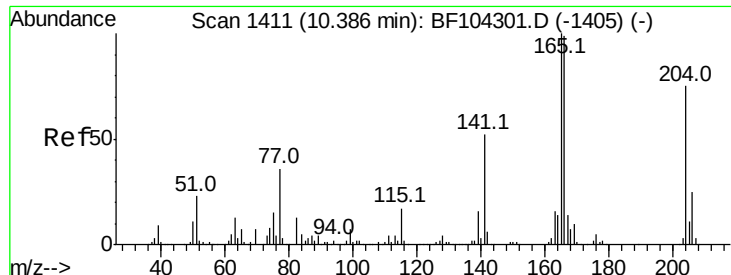
#59
 Diethylphthalate
 Concen: 34.014 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:	149	Resp:	633621
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.7	10.1	15.1



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

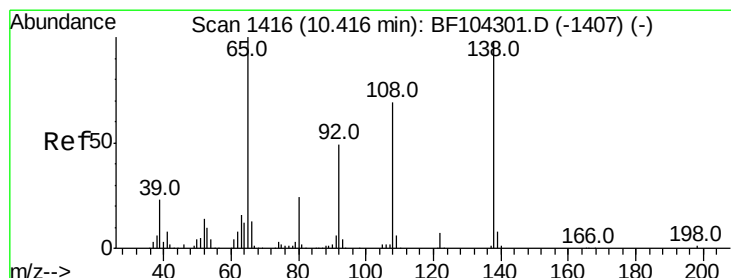
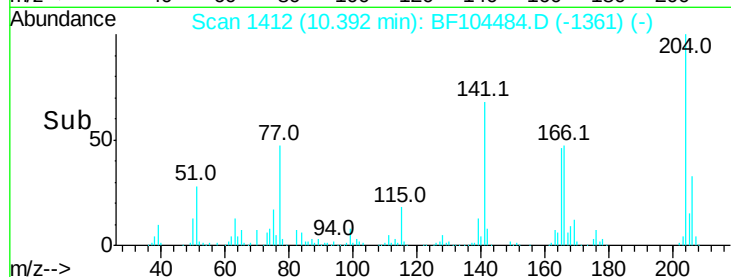
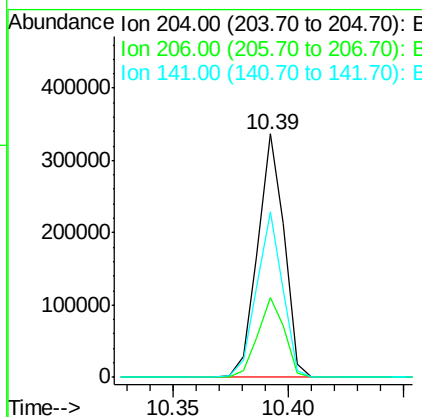
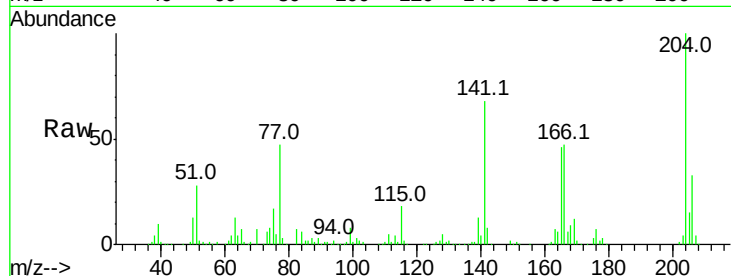




#60
 4-Chlorophenyl-phenylether
 Concen: 39.697 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

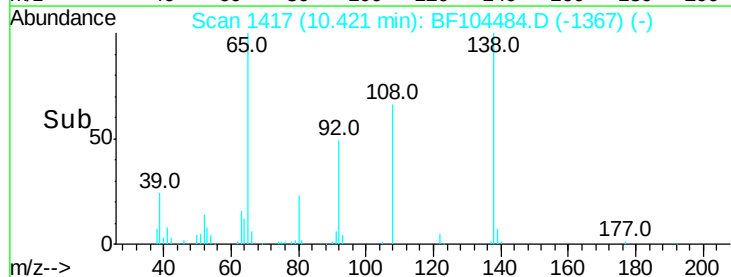
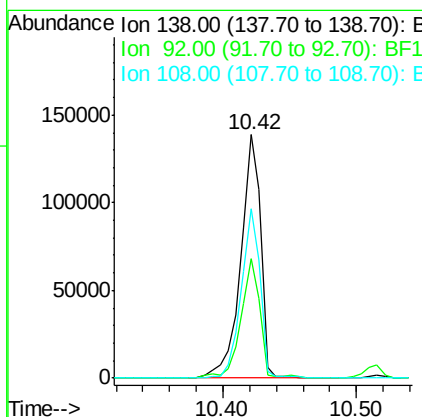
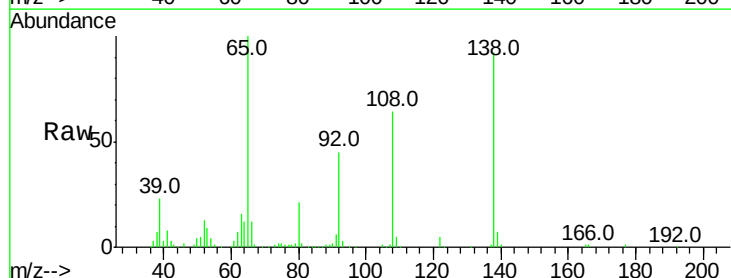
Instrument :
 BNA_F
 ClientSampled :

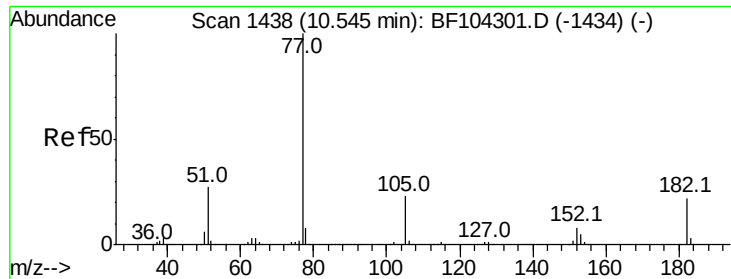
Tot Ion:204 Resp: 270187
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 68.1 54.6 81.8



#61
 4-Nitroaniline
 Concen: 36.330 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:138 Resp: 143932
 Ion Ratio Lower Upper
 138 100
 92 49.3 30.2 70.2
 108 69.3 52.5 92.5





#62

Azobenzene

Concen: 33.401 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 594451

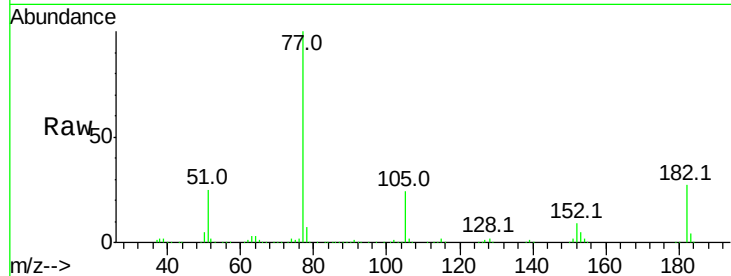
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.3 3.0 43.0

51 25.4 9.9 49.9

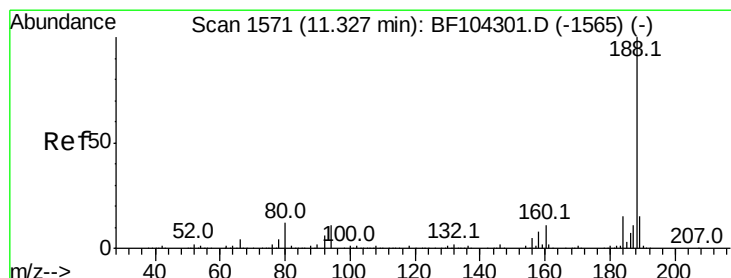
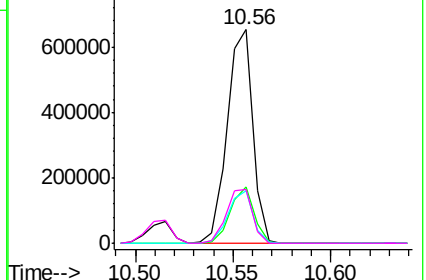
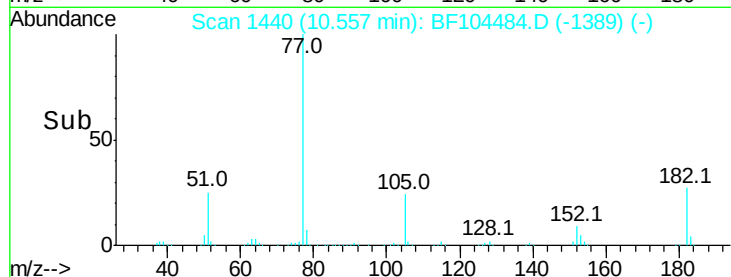


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

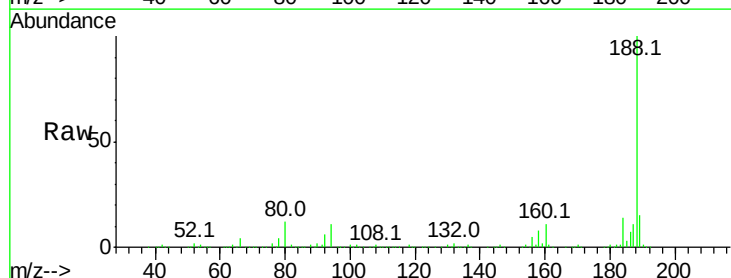
Tgt Ion: 188 Resp: 383934

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

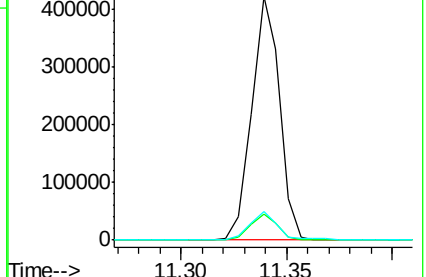
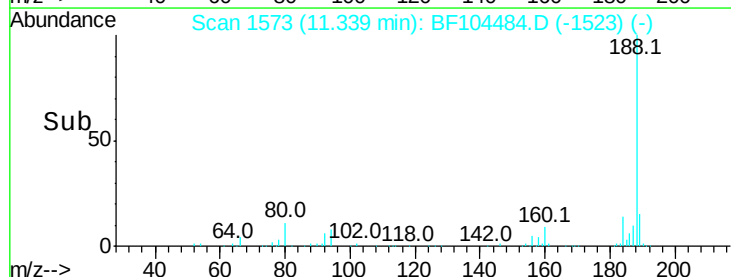
80 11.7 9.2 13.8

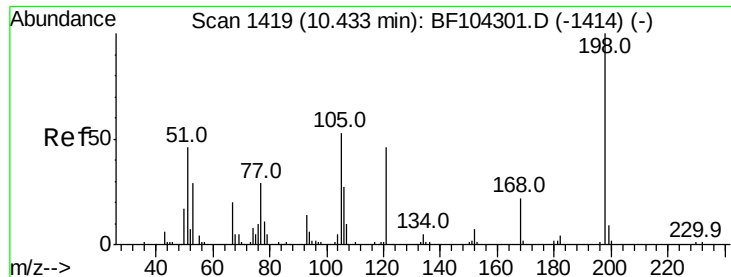


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 25.536 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

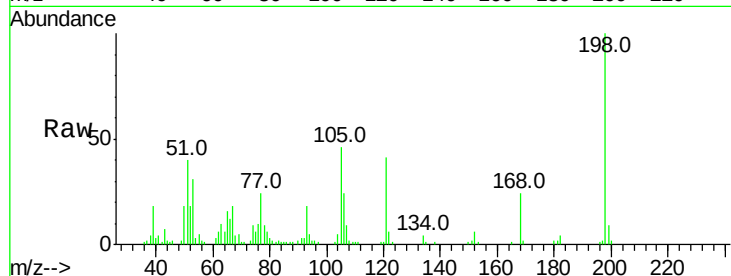
Tot Ion:198 Resp: 40157

Ion Ratio Lower Upper

198 100

51 39.8 37.7 77.7

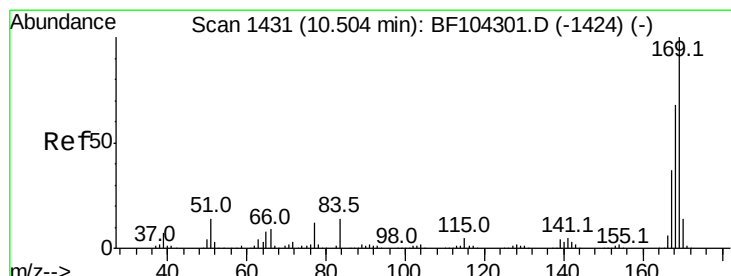
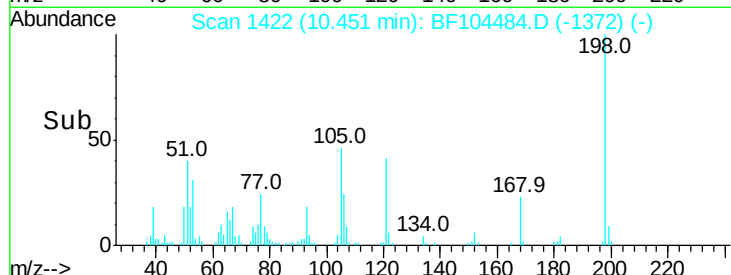
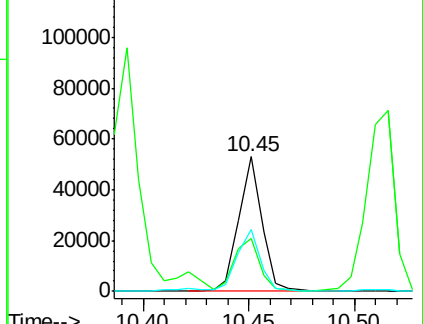
105 46.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 38.885 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

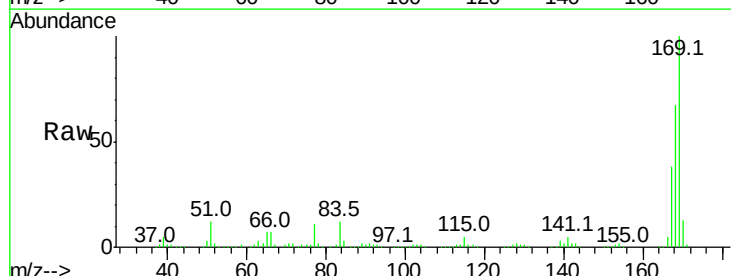
Tgt Ion:169 Resp: 517640

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

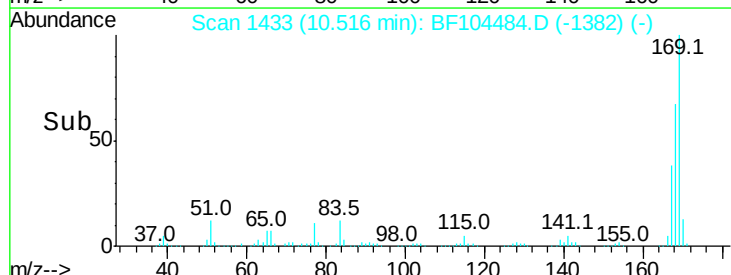
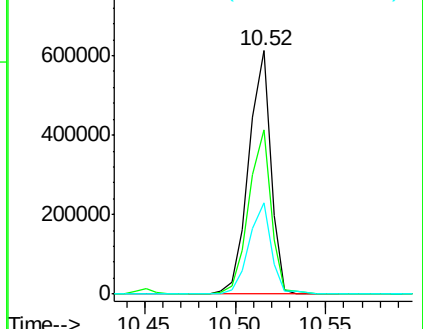
167 37.6 29.8 44.6

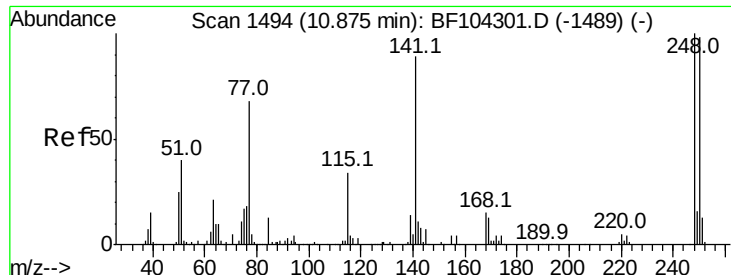


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

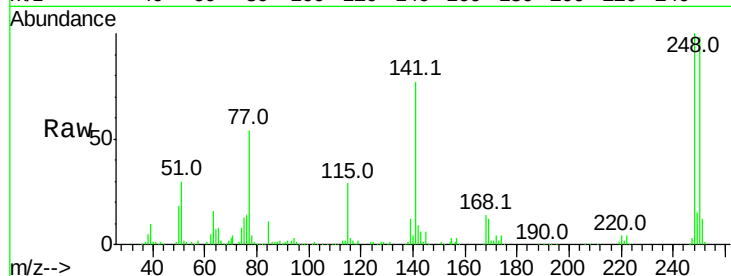




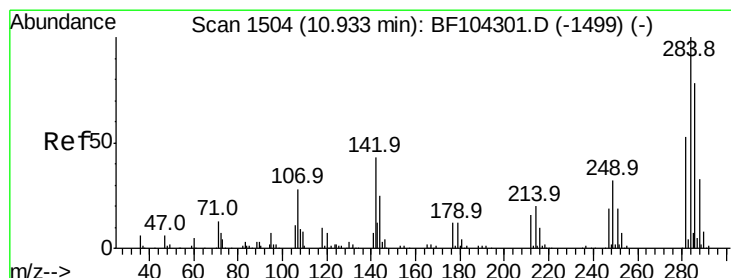
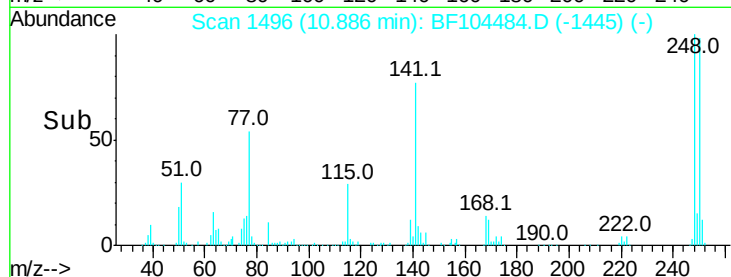
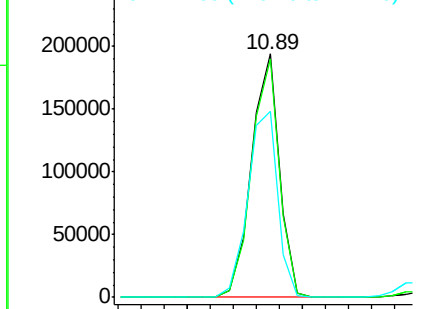
#66
4-Bromophenyl-phenylether
Concen: 40.260 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 164414
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 76.5 74.4 111.6

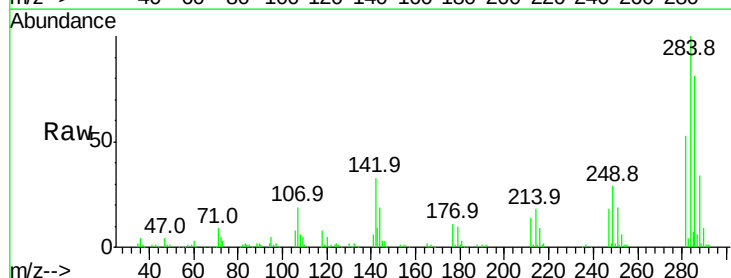


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

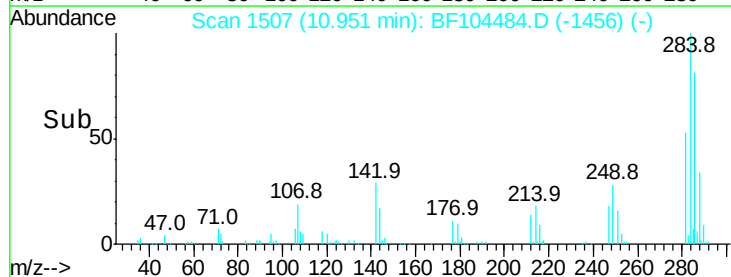
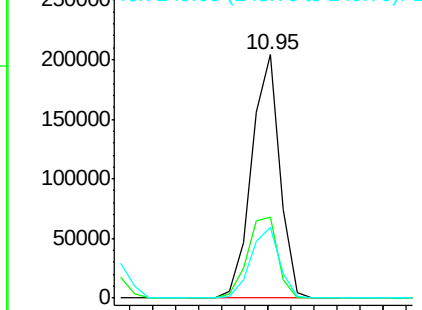


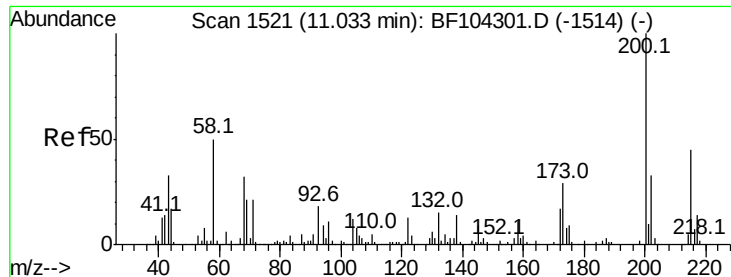
#67
Hexachlorobenzene
Concen: 37.819 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:284 Resp: 173787
Ion Ratio Lower Upper
284 100
142 33.2 34.6 52.0#
249 29.3 24.8 37.2



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

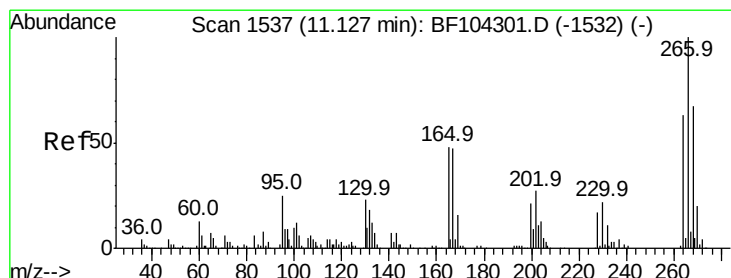
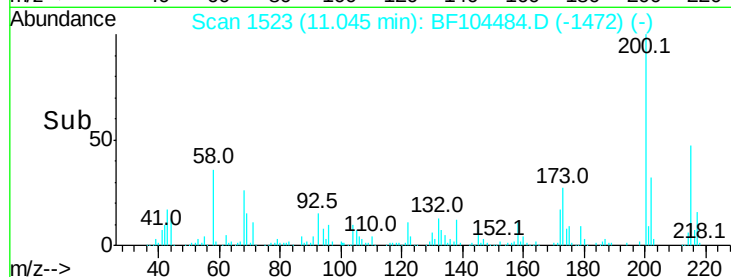
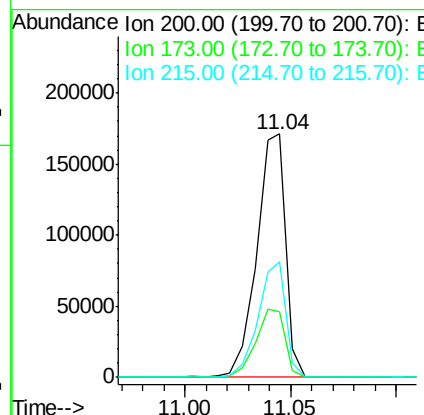
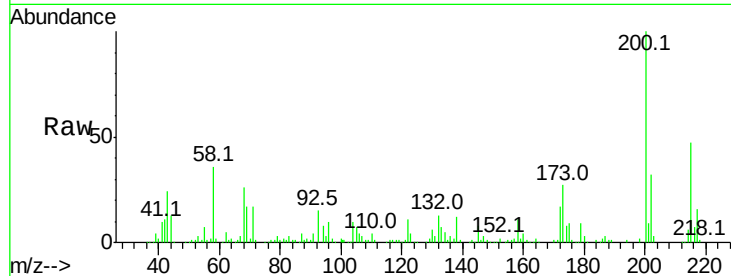




#68
 Atrazine
 Concen: 40.538 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

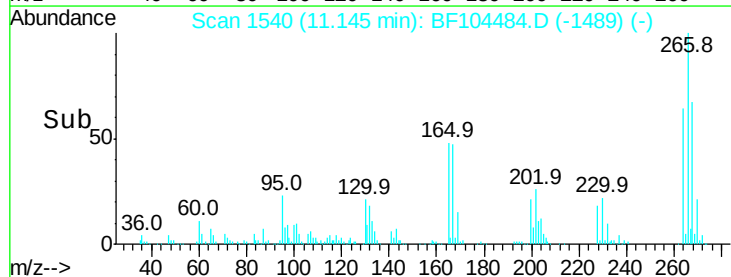
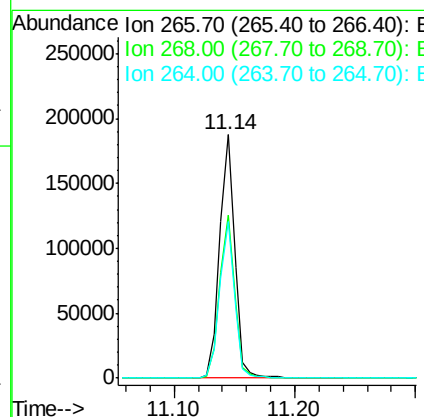
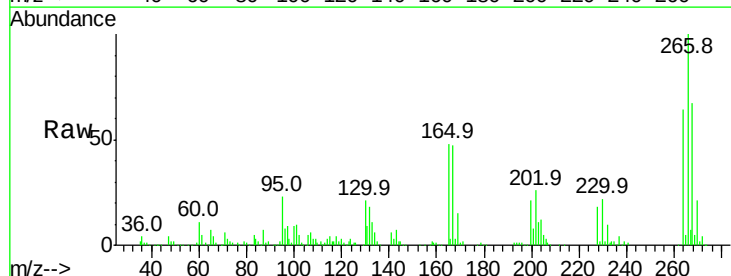
Instrument :
 BNA_F
 ClientSampleId :

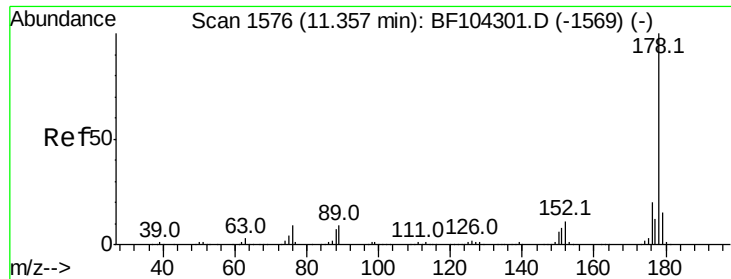
Tot Ion:200 Resp: 162890
 Ion Ratio Lower Upper
 200 100
 173 26.8 8.6 48.6
 215 47.3 25.1 65.1



#69
 Pentachlorophenol
 Concen: 56.686 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:266 Resp: 161146
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 64.2 49.5 74.3

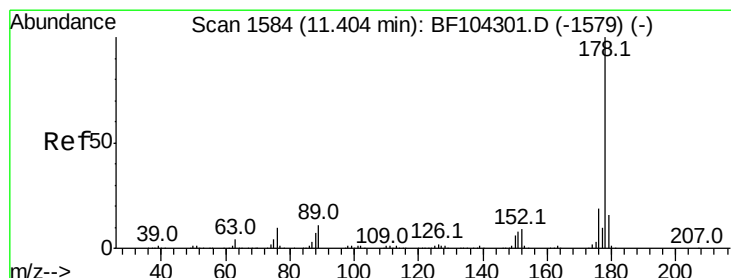
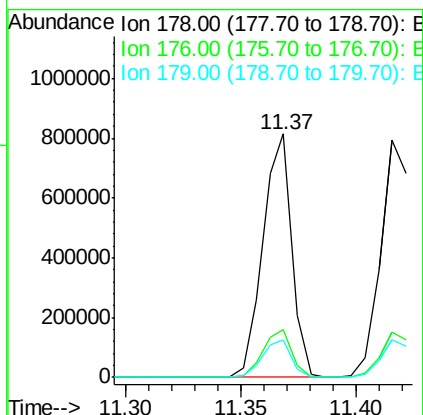
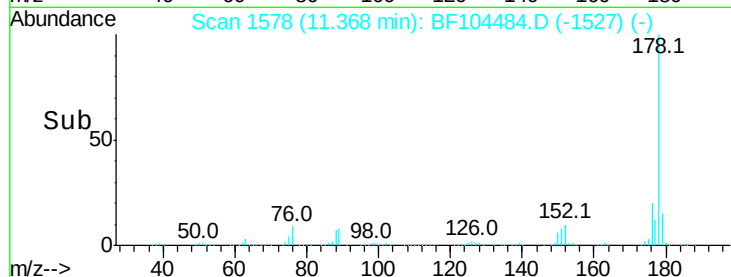
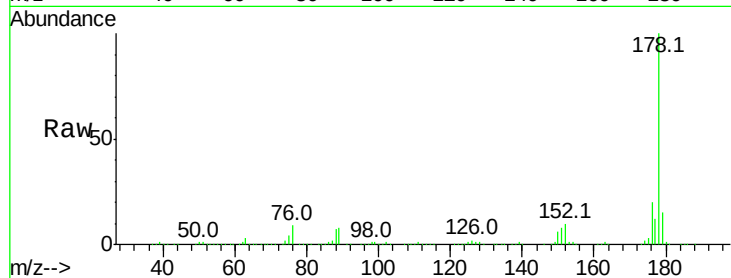




#70
 Phenanthrene
 Concen: 33.149 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

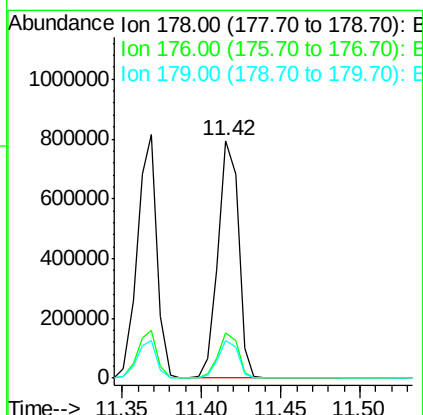
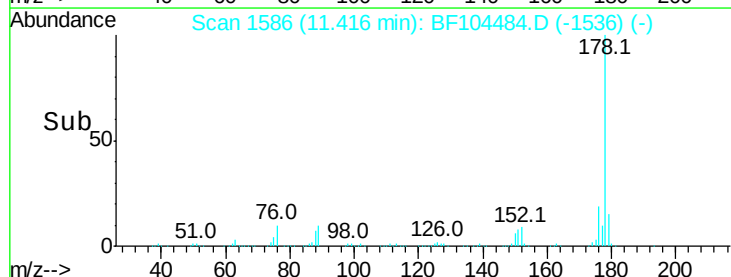
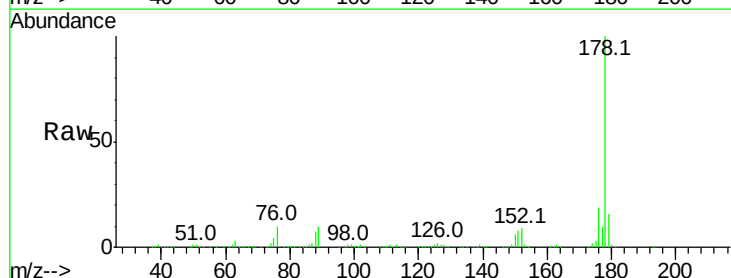
Instrument :
 BNA_F
 ClientSampleId :

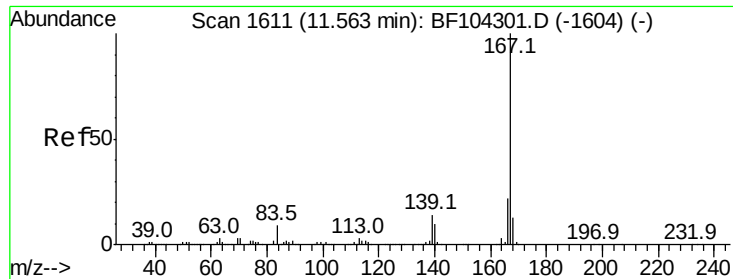
Tot Ion:178 Resp: 708766
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 13.0 19.6



#71
 Anthracene
 Concen: 32.794 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion:178 Resp: 712758
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0





#72

Carbazole

Concen: 33.016 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

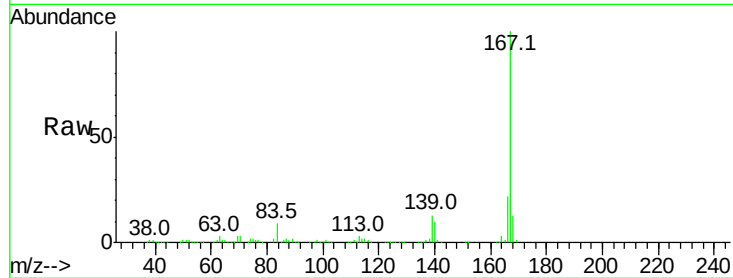
Tot Ion:167 Resp: 701192

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

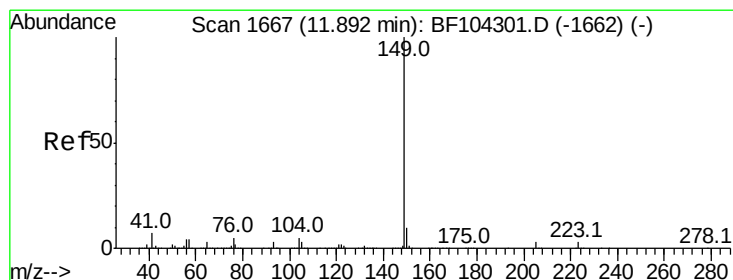
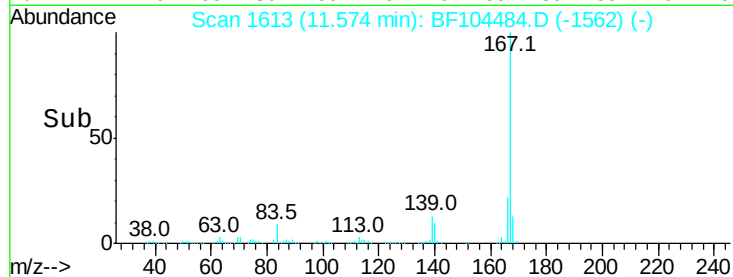
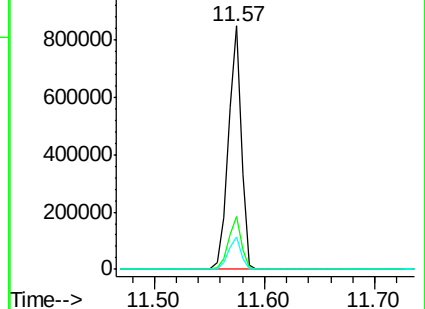
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 35.364 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

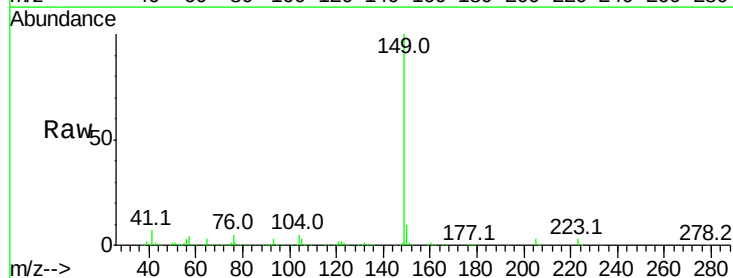
Tgt Ion:149 Resp: 917464

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

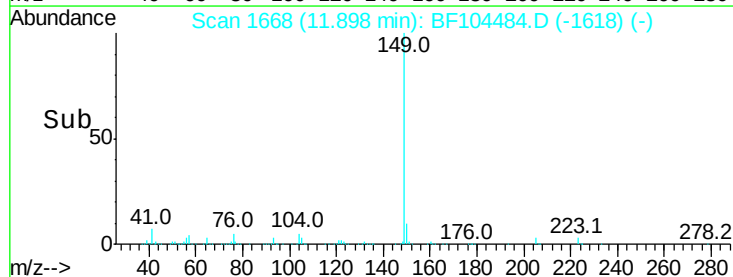
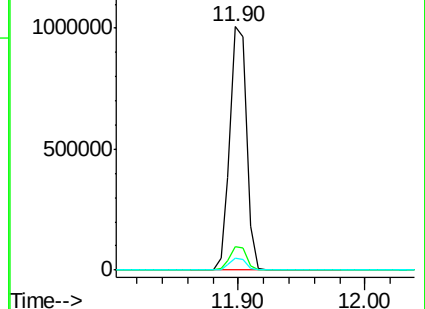
104 5.0 3.8 5.8

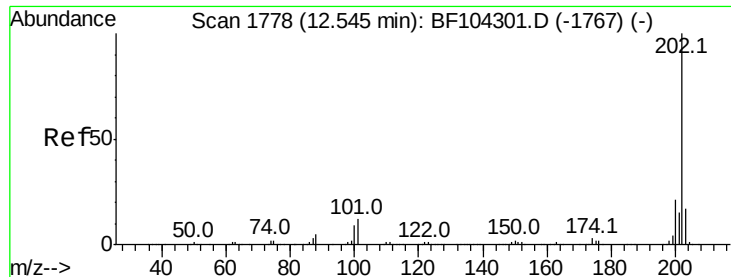


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

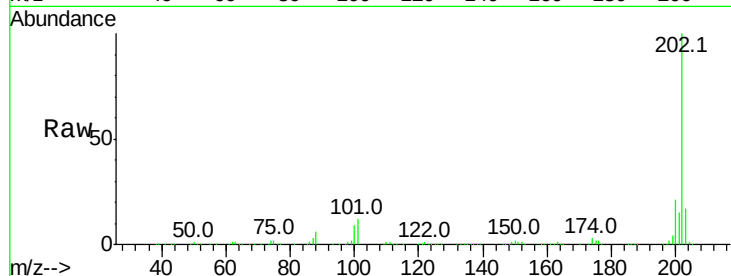




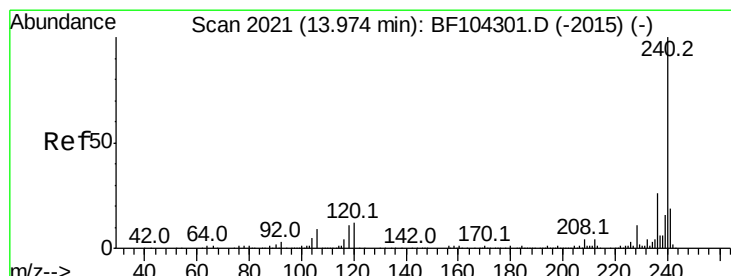
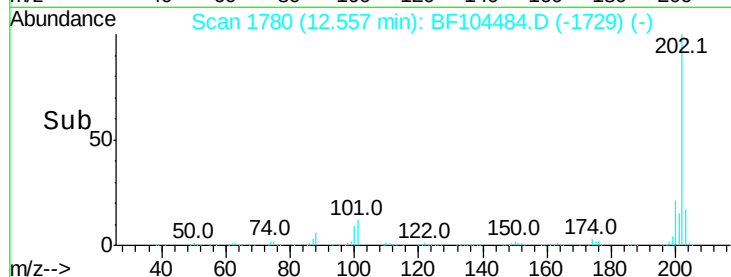
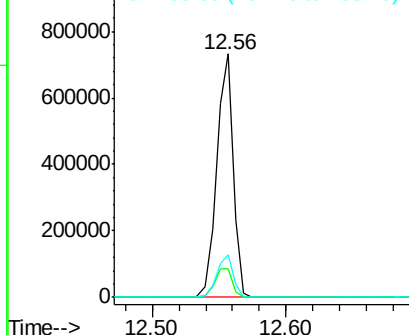
#74
 Fluoranthene
 Concen: 28.524 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.5	0.0	38.1

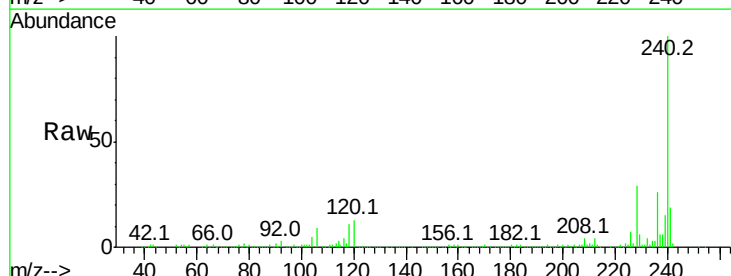


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

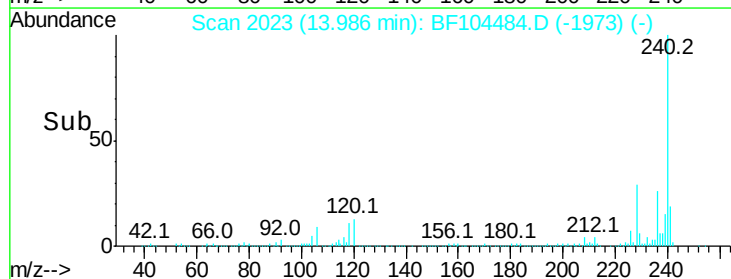
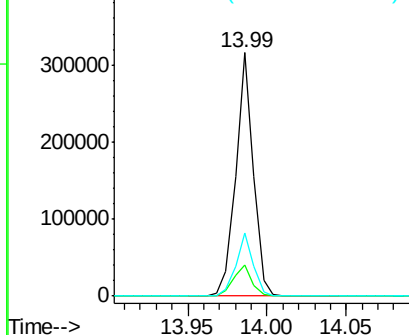


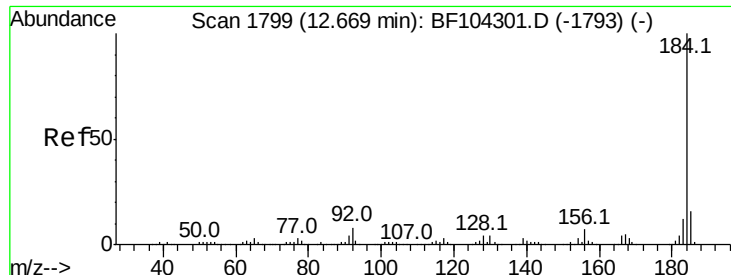
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104484.D
 Acq: 13 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

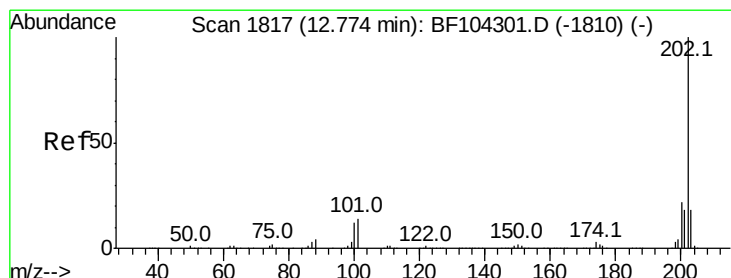
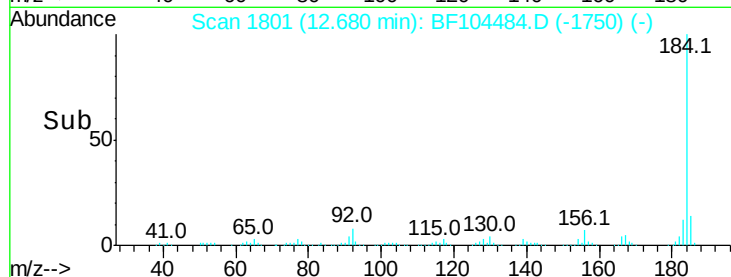
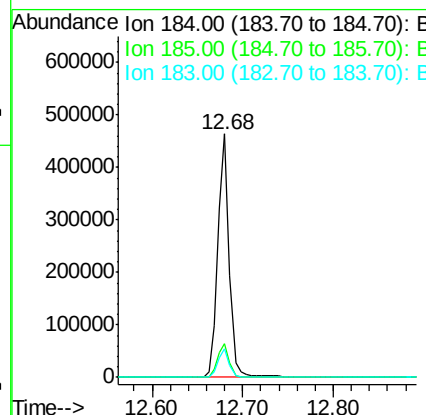
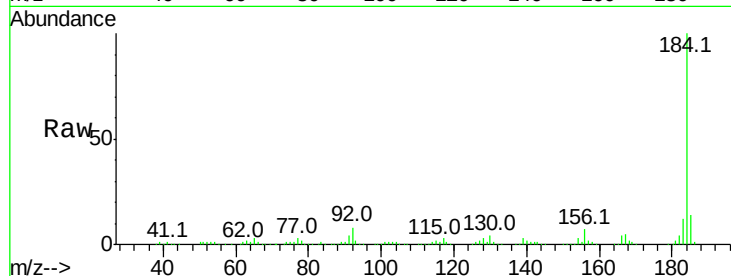




#76
Benzidine
Concen: 55.081 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

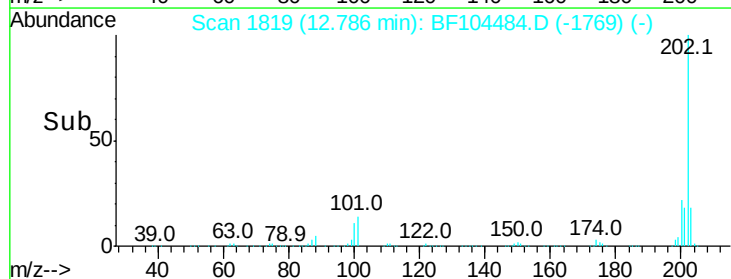
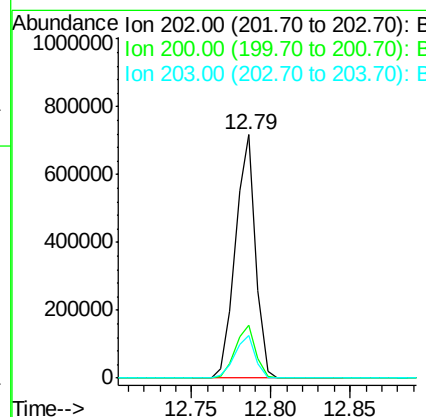
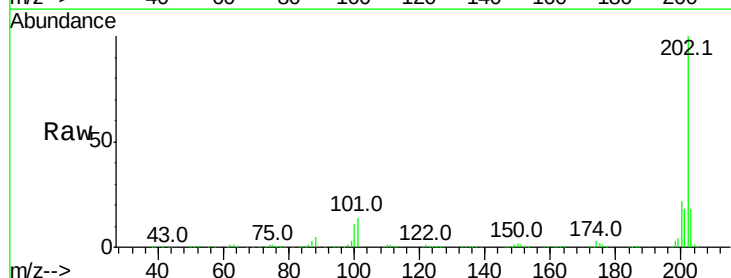
Instrument :
BNA_F
ClientSampleId :

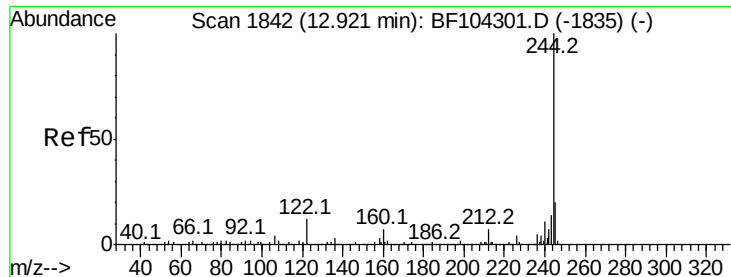
Tot Ion:184 Resp: 411629
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 34.823 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:202 Resp: 629687
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5





#78

Terphenyl-d14

Concen: 88.182 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

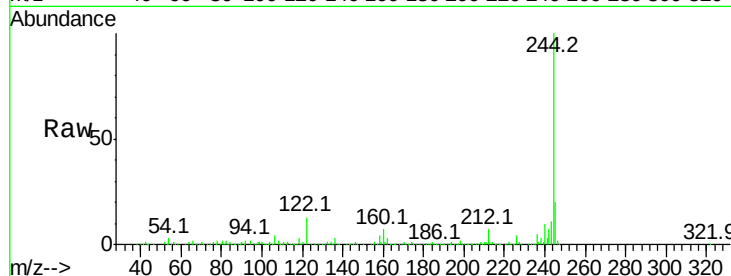
Tot Ion:244 Resp: 943573

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

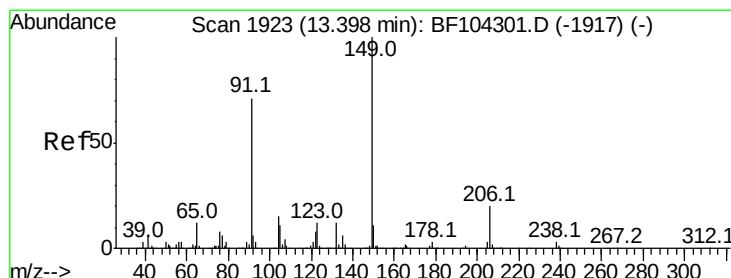
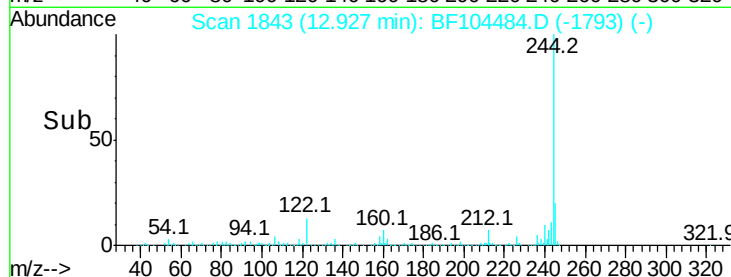
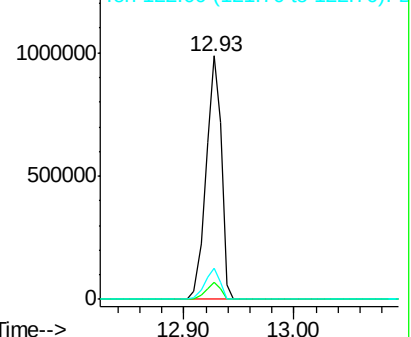
122 12.9 11.0 16.4



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: 37.454 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

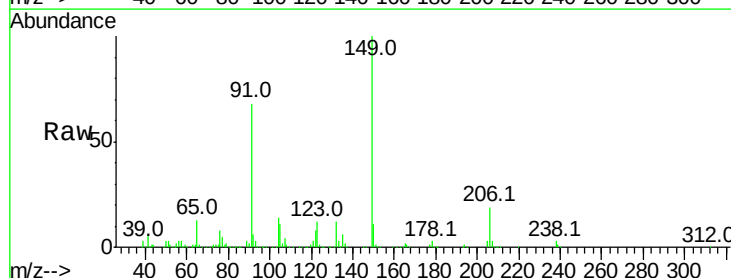
Tgt Ion:149 Resp: 319064

Ion Ratio Lower Upper

149 100

91 67.5 56.8 85.2

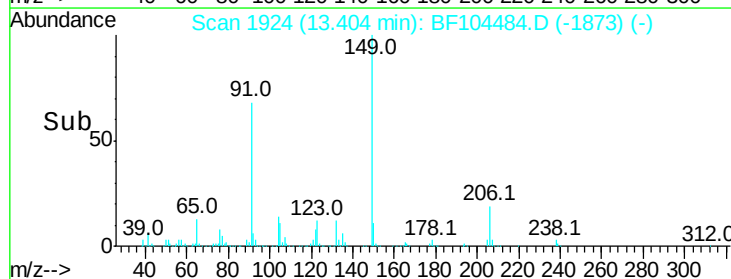
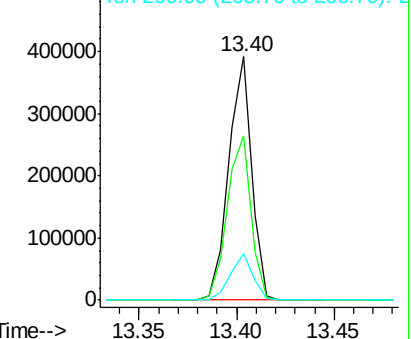
206 19.0 14.1 21.1

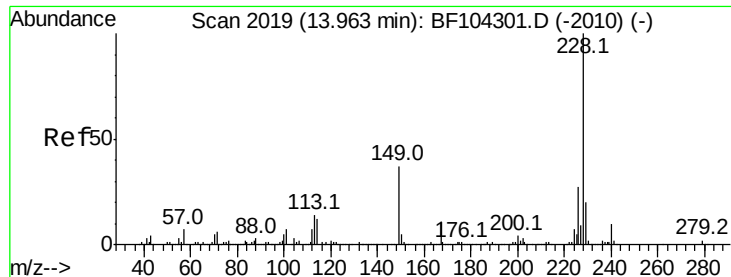


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

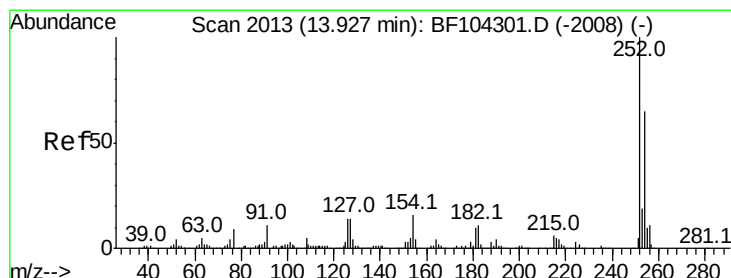
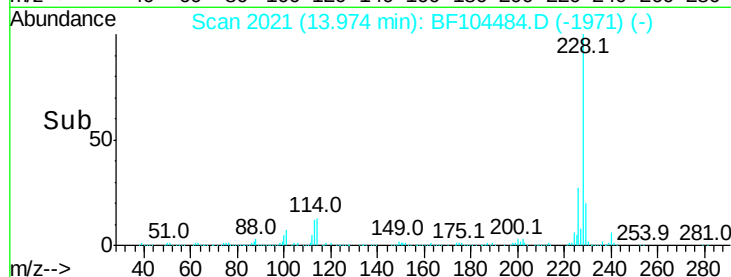
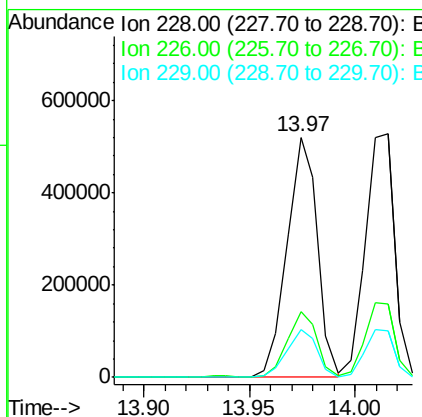
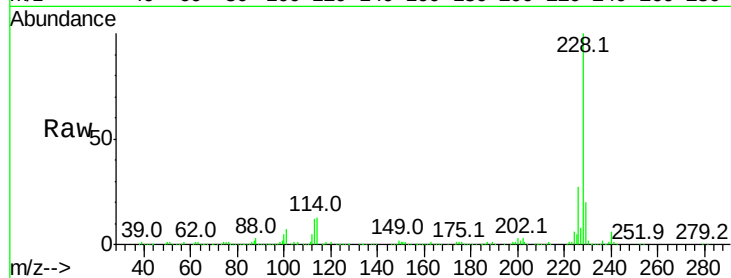




#80
Benzo(a)anthracene
Concen: 35.741 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

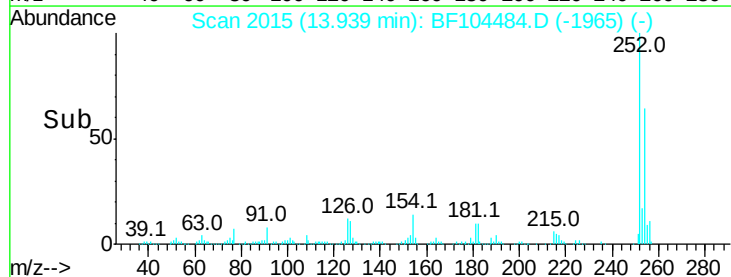
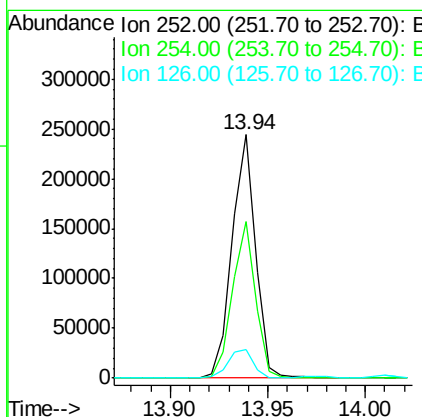
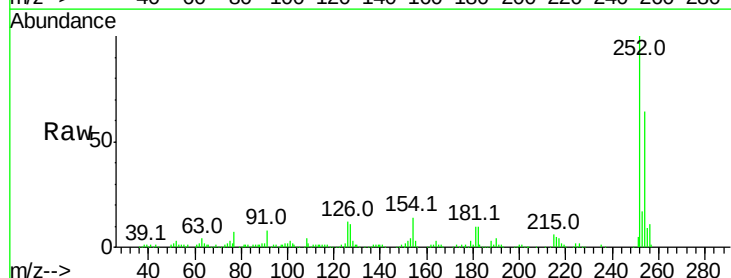
Instrument :
BNA_F
ClientSampleId :

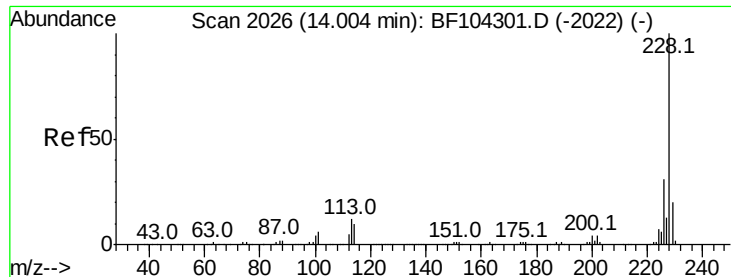
Tot Ion:228 Resp: 520879
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.8 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 37.510 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:252 Resp: 203827
Ion Ratio Lower Upper
252 100
254 64.2 50.4 75.6
126 11.7 11.3 16.9





#82

Chrysene

Concen: 34.248 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

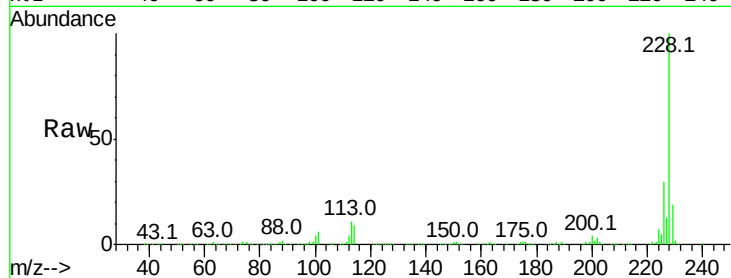
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 512676

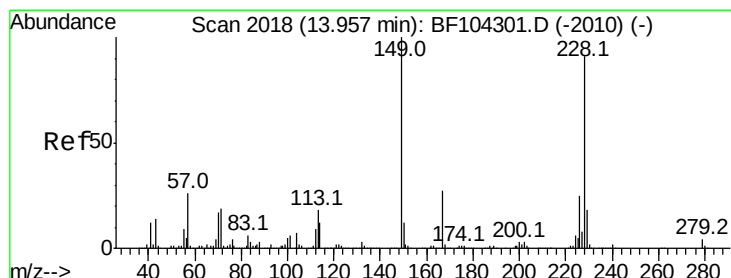
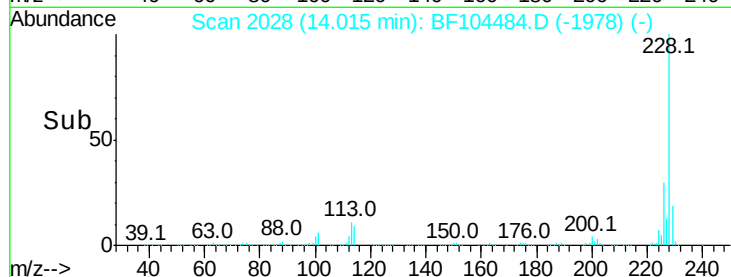
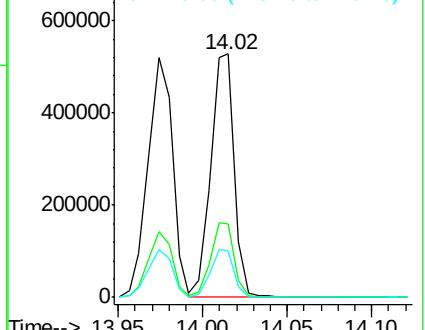
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4



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: 40.045 ng

RT: 13.96 min Scan# 2019

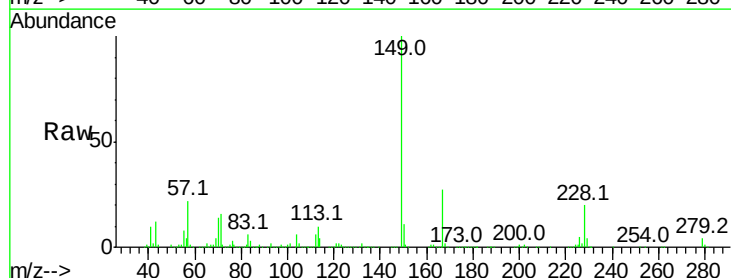
Delta R.T. -0.00 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Tgt Ion:149 Resp: 438788

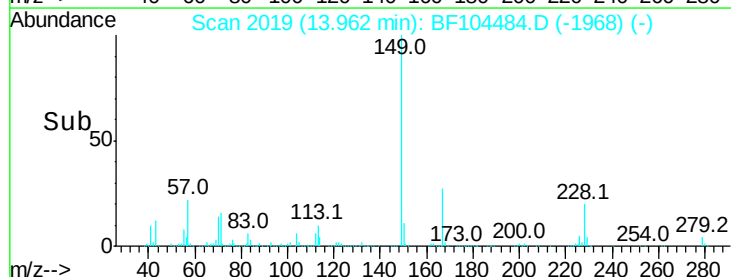
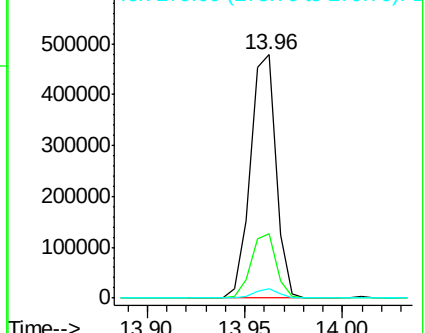
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.7	3.0	4.4

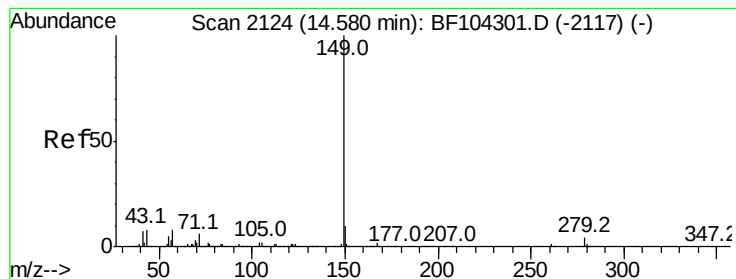


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.283 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

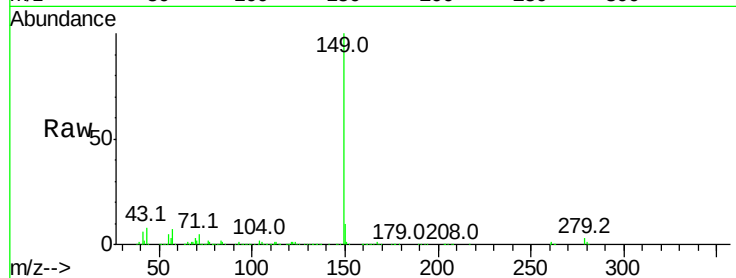
Tot Ion:149 Resp: 682617

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

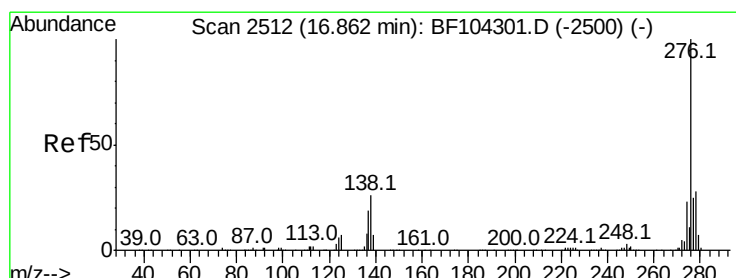
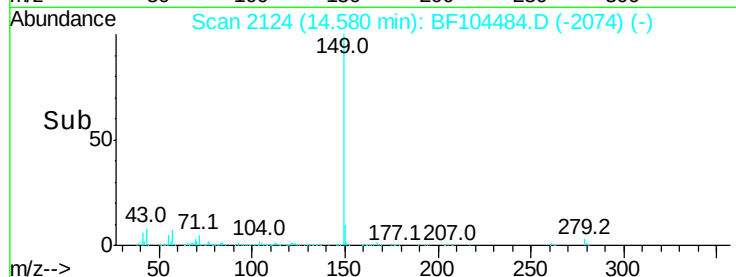
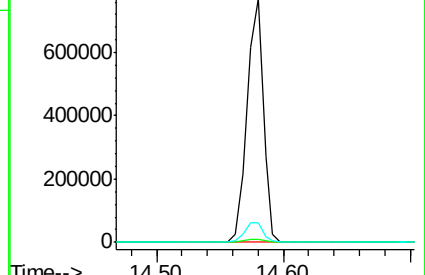
43 8.4 8.4 12.6



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: 32.446 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

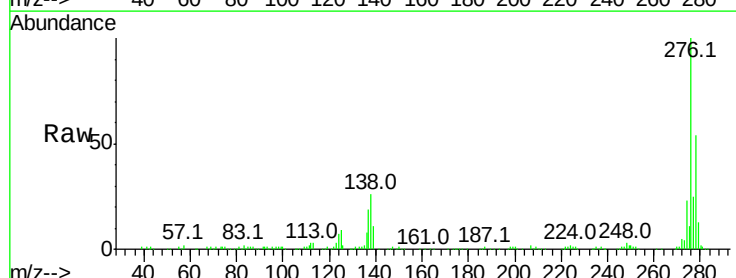
Tgt Ion:276 Resp: 412598

Ion Ratio Lower Upper

276 100

138 28.0 25.0 37.6

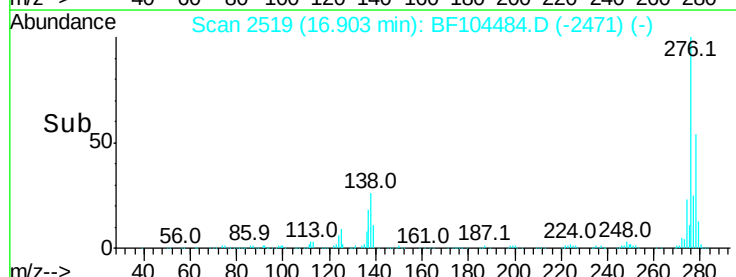
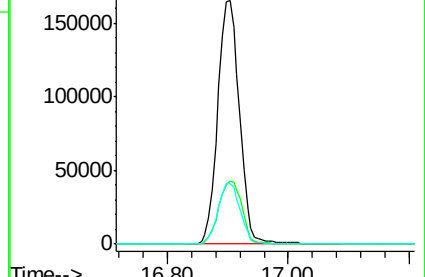
277 25.5 20.1 30.1

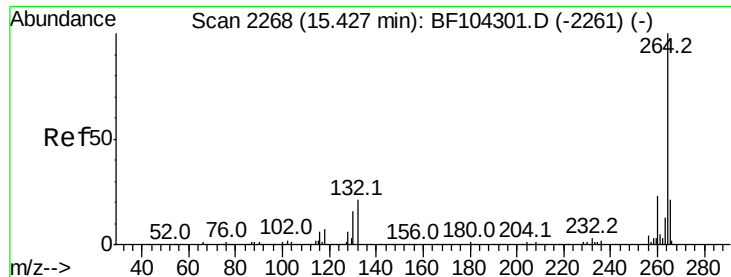


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

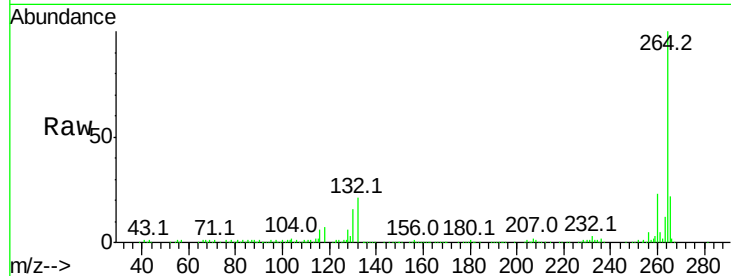




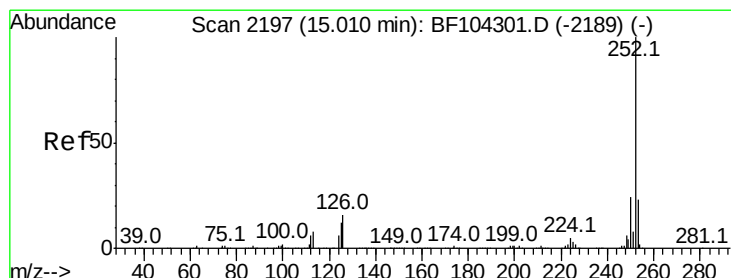
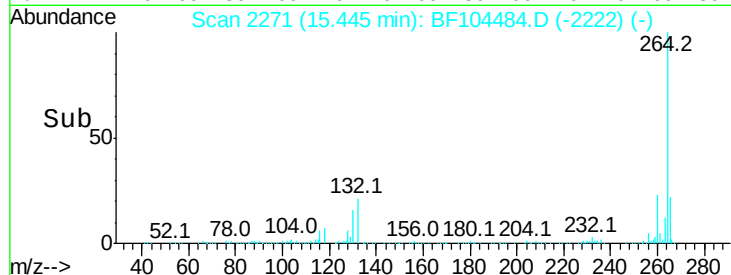
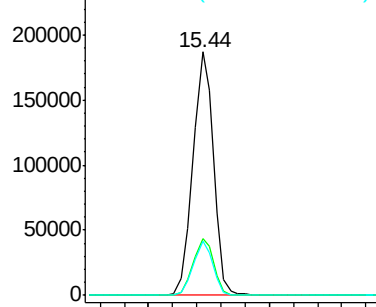
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 220448
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.4 17.5 26.3

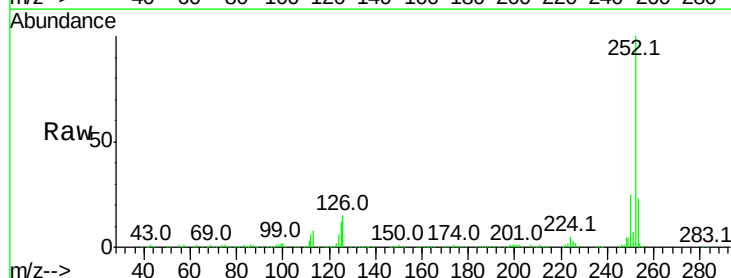


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

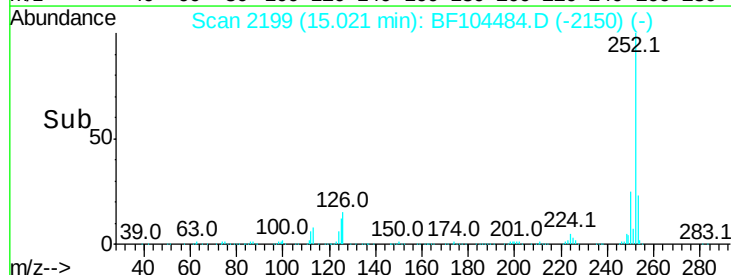
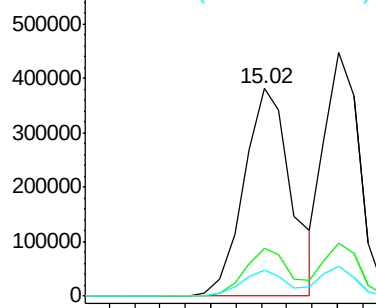


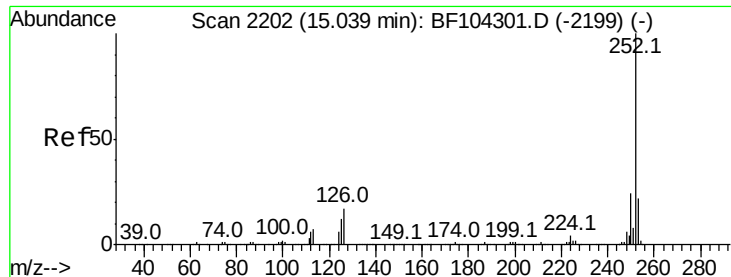
#87
Benzo(b)fluoranthene
Concen: 35.684 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104484.D
Acq: 13 Apr 2018 17:47

Tgt Ion:252 Resp: 496831
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 33.187 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

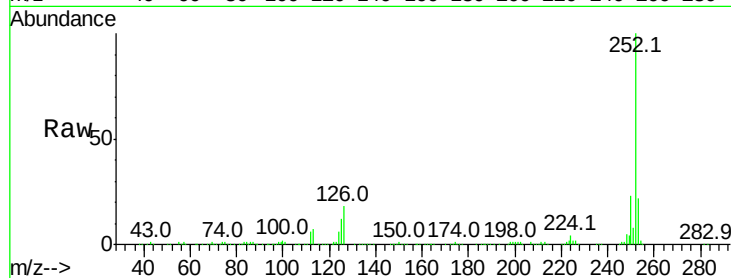
Tot Ion:252 Resp: 436231

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

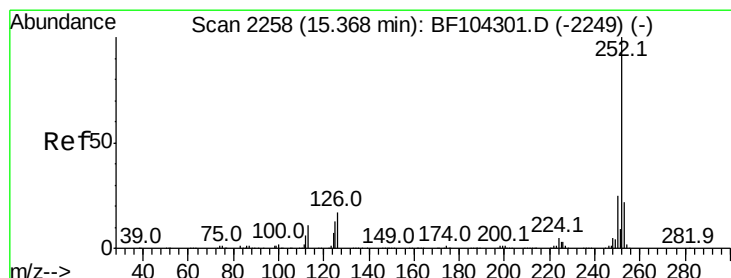
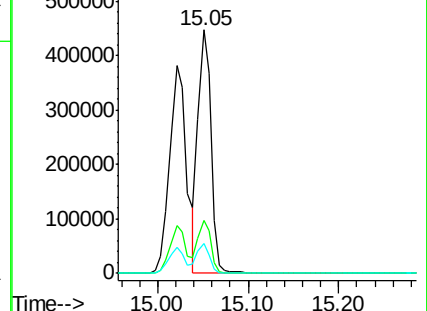
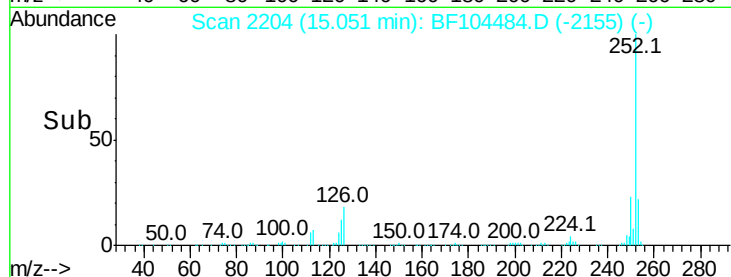
125 12.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 34.407 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

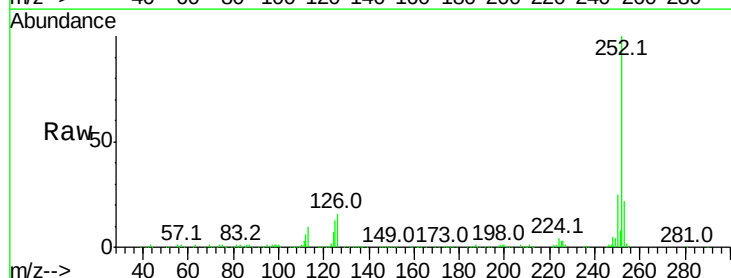
Tgt Ion:252 Resp: 428630

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

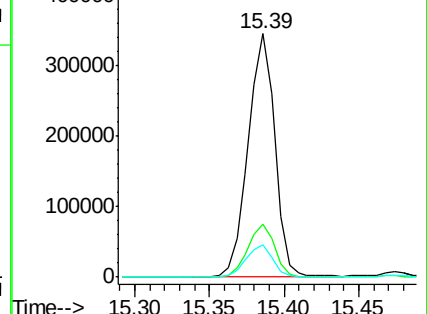
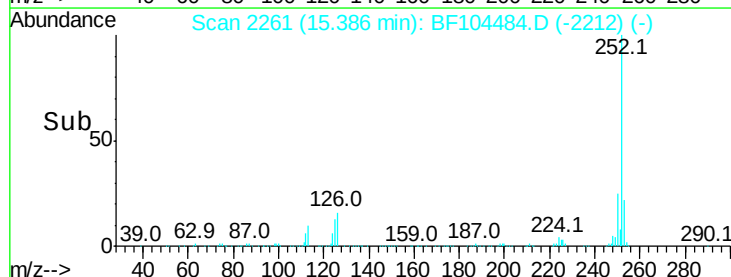
125 13.2 9.8 14.6

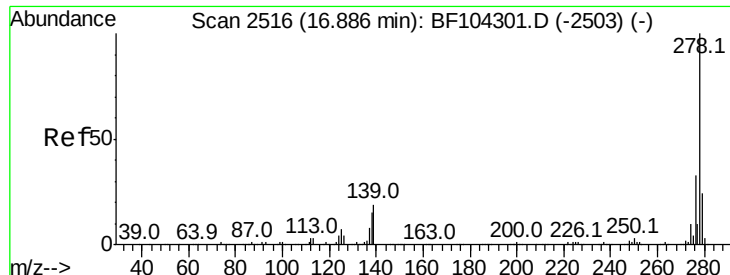


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 34.126 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.02 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

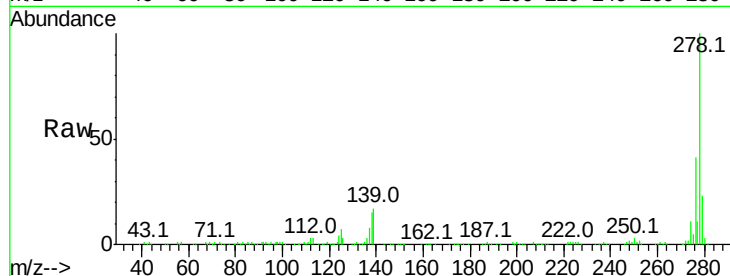
Tot Ion:278 Resp: 349159

Ion Ratio Lower Upper

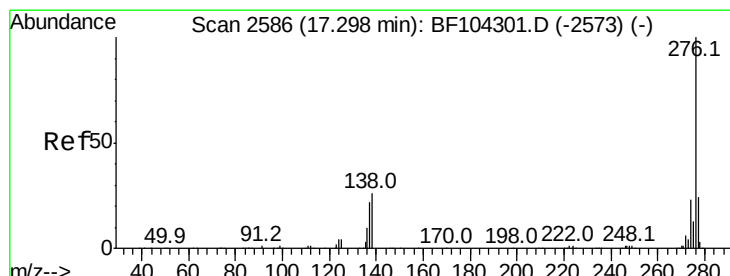
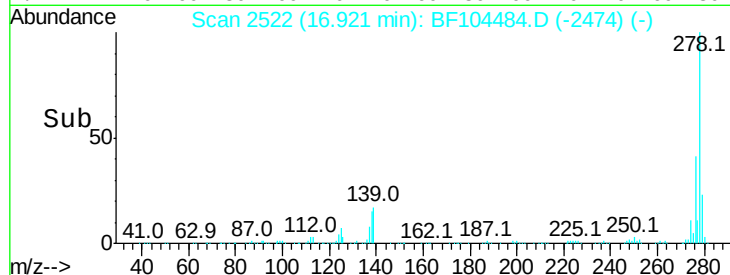
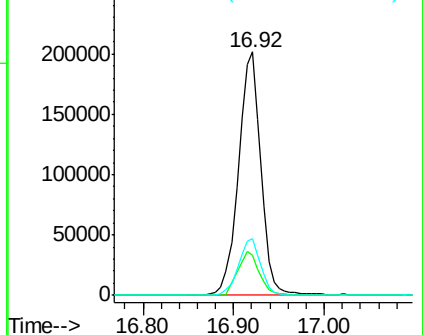
278 100

139 16.7 15.9 23.9

279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.751 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.02 min

Lab File: BF104484.D

Acq: 13 Apr 2018 17:47

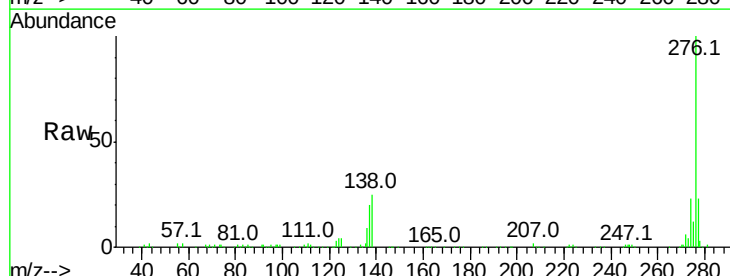
Tgt Ion:276 Resp: 324650

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 24.6 21.8 32.8



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

