

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112201.D
 Acq On : 23 Jan 2019 14:57
 Operator : JU/SJ
 Sample : K1220-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 15:37:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	174034	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	679584	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	342570	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	705376	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	623533	20.00	ng	0.00
87) Perylene-d12	15.49	264	549834	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	873669	91.12	ng	0.00
7) Phenol-d6	6.50	99	1091386	90.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	676946	68.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	378765	102.49	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1470562	62.94	ng	0.00
79) Terphenyl-d14	12.96	244	1830512	62.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	91727	20.397	ng	96
3) Pyridine	3.39	79	173712	15.423	ng	98
4) n-Nitrosodimethylamine	3.30	42	118900	26.000	ng	98
6) Aniline	6.51	93	319927	21.926	ng	# 51
8) 2-Chlorophenol	6.65	128	314618	28.252	ng	97
9) Benzaldehyde	6.40	77	65573	7.130	ng	99
10) Phenol	6.51	94	371222	28.314	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	284499	27.291	ng	99
12) 1,3-Dichlorobenzene	6.79	146	330623	26.015	ng	100
13) 1,4-Dichlorobenzene	6.87	146	341144	26.243	ng	98
14) 1,2-Dichlorobenzene	7.02	146	324435	27.094	ng	95
15) Benzyl Alcohol	6.99	79	259803	29.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	347208	23.096	ng	98
17) 2-Methylphenol	7.11	107	242404	28.985	ng	97
18) Hexachloroethane	7.36	117	119118	27.454	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	205562	28.127	ng	97
20) 3+4-Methylphenols	7.26	107	315334	31.098	ng	# 86
22) Acetophenone	7.26	105	417940	26.546	ng	# 95
24) Nitrobenzene	7.43	77	306303	29.382	ng	98
25) Isophorone	7.67	82	555188	29.222	ng	98
26) 2-Nitrophenol	7.75	139	167148	33.203	ng	98
27) 2,4-Dimethylphenol	7.79	122	269648	30.576	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	349324	26.804	ng	98
29) 2,4-Dichlorophenol	8.00	162	270539	28.082	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	296274	26.499	ng	100
31) Naphthalene	8.16	128	907626	29.364	ng	98
32) Benzoic acid	7.88	122	28208	14.478	ng	94
33) 4-Chloroaniline	8.20	127	306940	22.096	ng	99
34) Hexachlorobutadiene	8.27	225	161369	25.936	ng	99
35) Caprolactam	8.56	113	84939	25.191	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	277562	29.498	ng	99
37) 2-Methylnaphthalene	8.85	142	649566	30.948	ng	99
38) 1-Methylnaphthalene	8.95	142	607282	30.106	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	298832	27.166	ng	99

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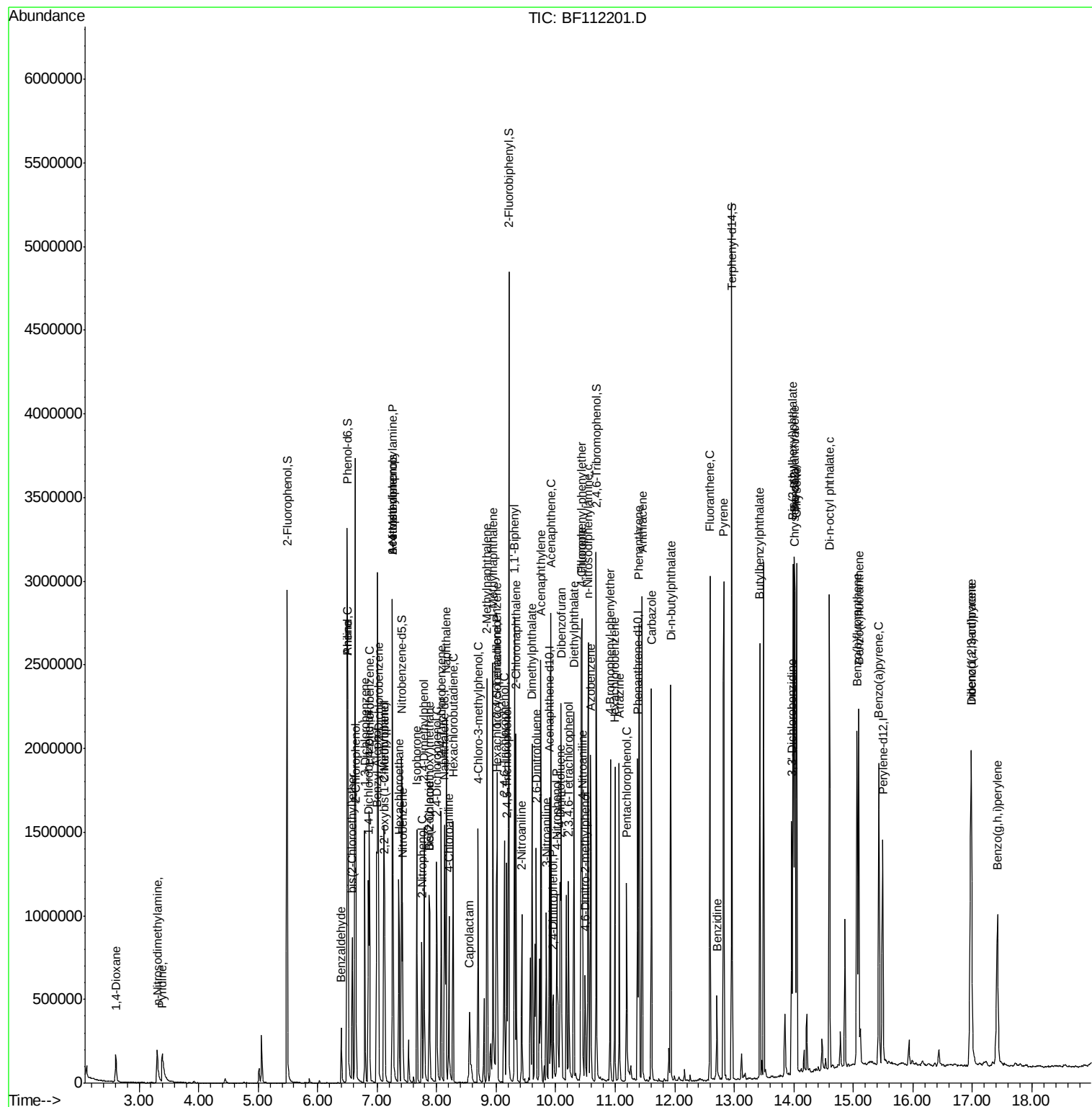
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	194847	47.835	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	187285	28.460	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	206208	29.421	ng	96
46) 1,1'-Biphenyl	9.31	154	807331	28.184	ng	99
47) 2-Chloronaphthalene	9.33	162	612578	27.320	ng	96
48) 2-Nitroaniline	9.43	65	168022	33.269	ng	88
49) Acenaphthylene	9.75	152	995025	30.410	ng	98
50) Dimethylphthalate	9.60	163	836102	33.467	ng	99
51) 2,6-Dinitrotoluene	9.67	165	165868	33.245	ng	90
52) Acenaphthene	9.92	154	569431	28.444	ng	98
53) 3-Nitroaniline	9.84	138	155252	27.827	ng	92
54) 2,4-Dinitrophenol	9.96	184	84243	61.041	ng	95
55) Dibenzofuran	10.09	168	885960	29.264	ng	96
56) 4-Nitrophenol	10.02	139	215216	55.811	ng	94
57) 2,4-Dinitrotoluene	10.08	165	226339	36.549	ng	98
58) Fluorene	10.44	166	706245	31.222	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	159933	30.239	ng	94
60) Diethylphthalate	10.30	149	759852	31.158	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	347495	28.469	ng	97
62) 4-Nitroaniline	10.45	138	182695	32.977	ng	98
63) Azobenzene	10.59	77	647242	27.715	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	85182	32.950	ng	98
66) n-Nitrosodiphenylamine	10.55	169	631273	27.071	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	214826	26.220	ng	99
68) Hexachlorobenzene	10.99	284	233981	26.511	ng	98
69) Atrazine	11.07	200	216773	28.808	ng	96
70) Pentachlorophenol	11.19	266	175183	44.237	ng	100
71) Phenanthrene	11.40	178	1060824	29.884	ng	98
72) Anthracene	11.45	178	1099731	30.582	ng	99
73) Carbazole	11.60	167	983885	27.313	ng	99
74) Di-n-butylphthalate	11.93	149	1276712	31.507	ng	98
75) Fluoranthene	12.59	202	1165615	31.099	ng	98
77) Benzidine	12.70	184	203457	9.780	ng	96
78) Pyrene	12.82	202	1183068	28.758	ng	98
80) Butylbenzylphthalate	13.43	149	572328	31.712	ng	95
81) Benzo(a)anthracene	14.01	228	1057591	29.582	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	326266	24.368	ng	99
83) Chrysene	14.04	228	999832	29.555	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	827450	31.991	ng	97
85) Di-n-octyl phthalate	14.60	149	1334715	33.492	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	925823	29.664	ng	98
88) Benzo(b)fluoranthene	15.06	252	944440	30.260	ng	99
89) Benzo(k)fluoranthene	15.09	252	909192	30.098	ng	98
90) Benzo(a)pyrene	15.43	252	883632	30.872	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	782965	30.799	ng	99
92) Benzo(g,h,i)perylene	17.42	276	758964	30.304	ng	99

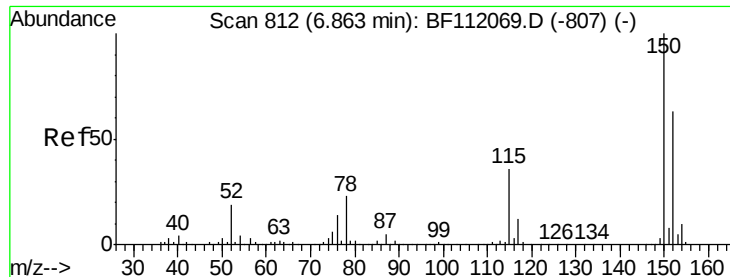
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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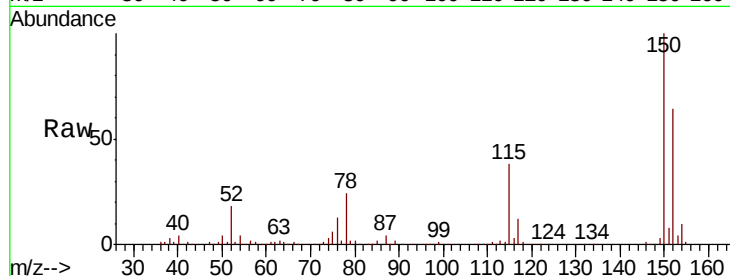


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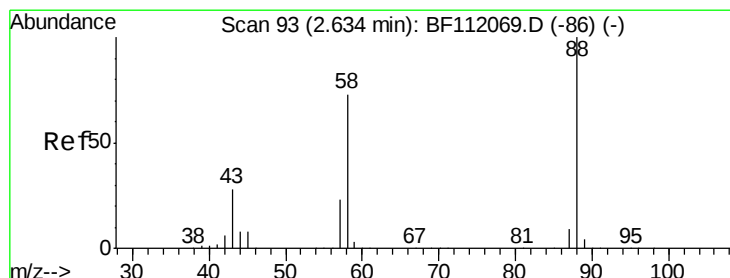
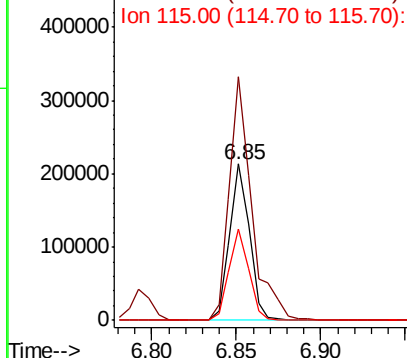
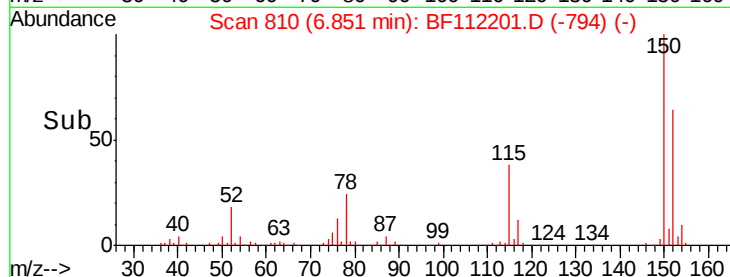
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174034
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 58.6 45.5 68.3



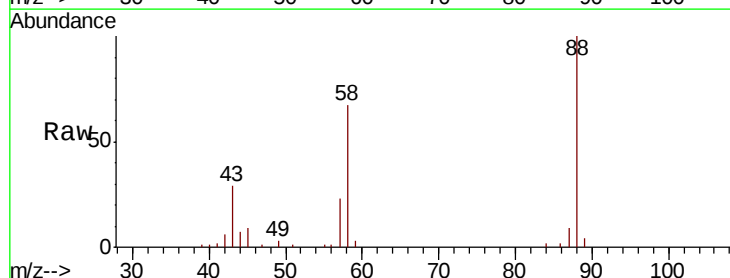
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



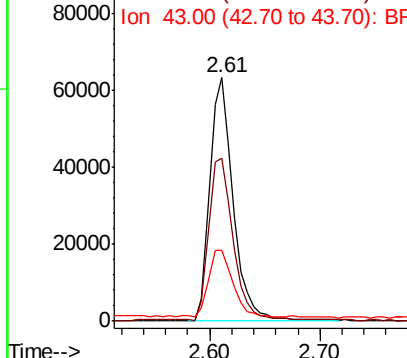
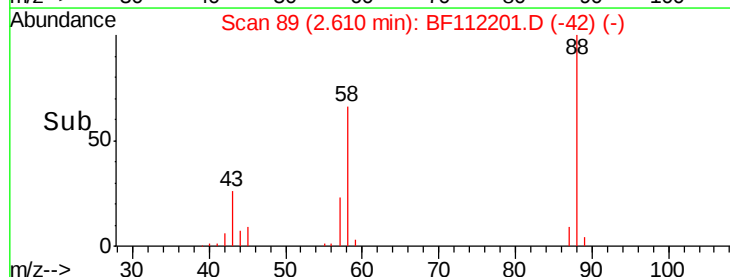
#2

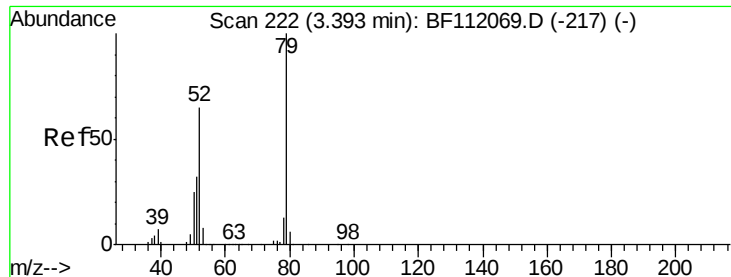
1,4-Dioxane
Concen: 20.397 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.02 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion: 88 Resp: 91727
Ion Ratio Lower Upper
88 100
58 67.9 57.4 86.2
43 28.5 22.2 33.4



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: 15.423 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

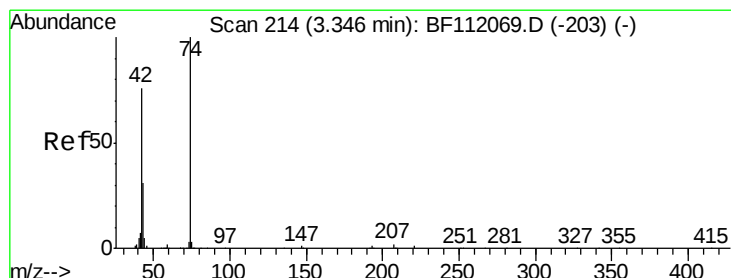
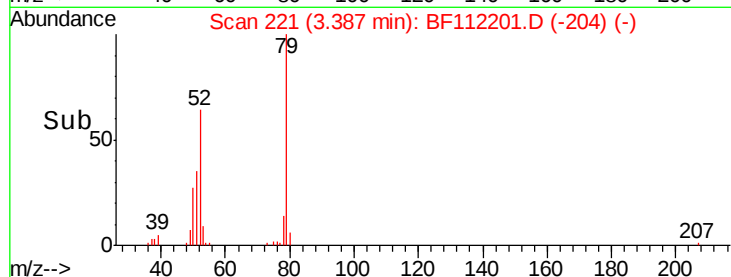
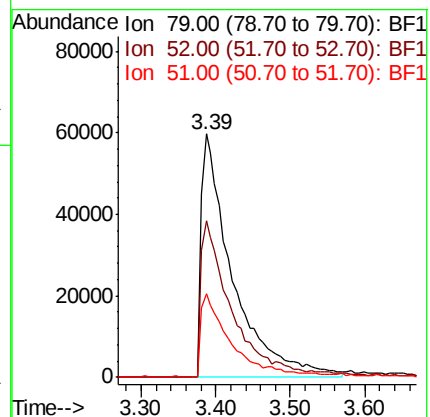
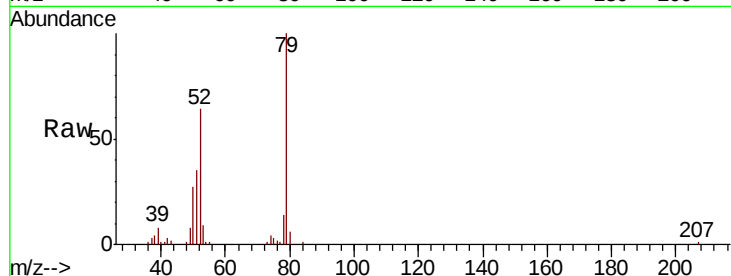
Tot Ion: 79 Resp: 173712

Ion Ratio Lower Upper

79 100

52 64.1 52.4 78.6

51 34.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 26.000 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

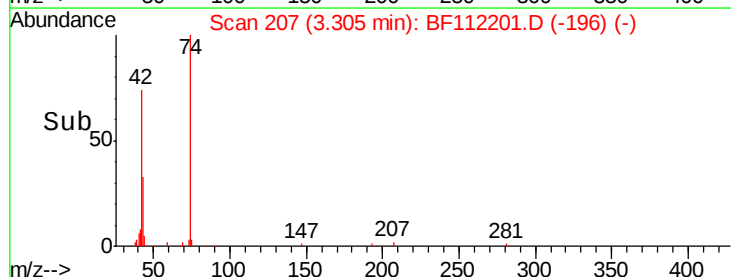
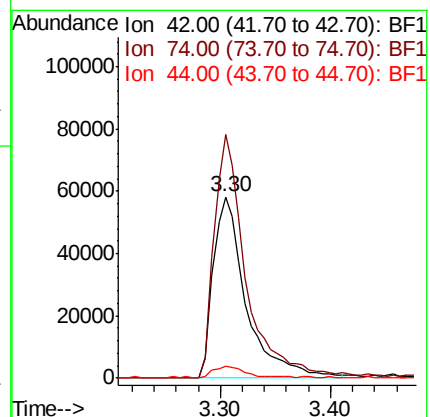
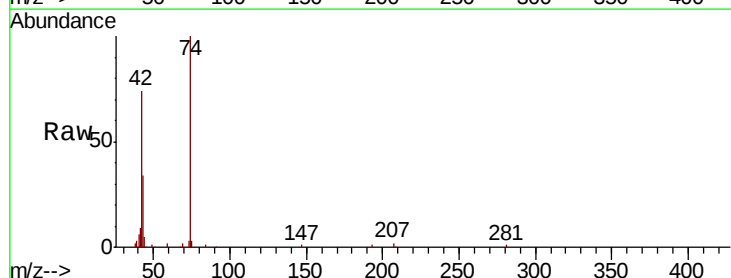
Tgt Ion: 42 Resp: 118900

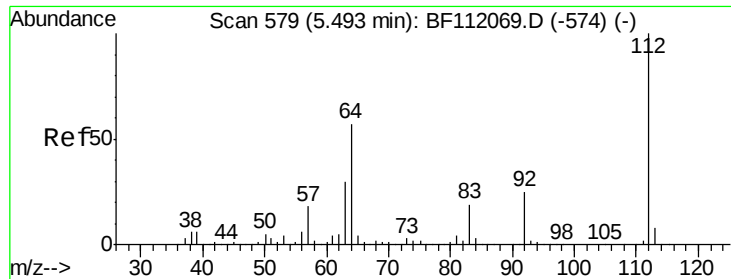
Ion Ratio Lower Upper

42 100

74 134.3 105.6 158.4

44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 91.117 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

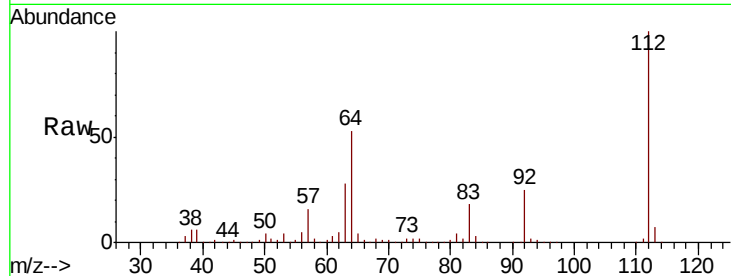
Tot Ion:112 Resp: 873669

Ion Ratio Lower Upper

112 100

64 53.4 45.7 68.5

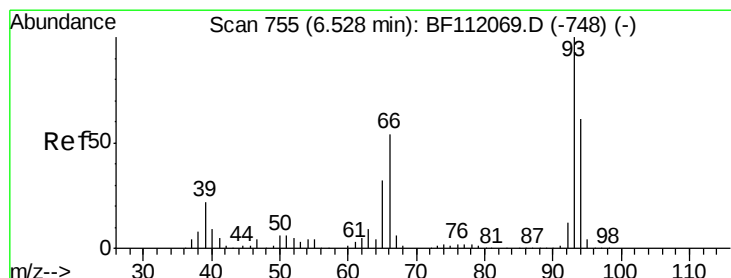
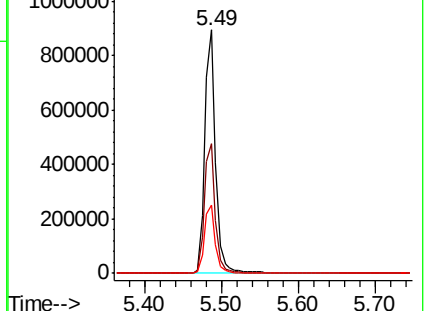
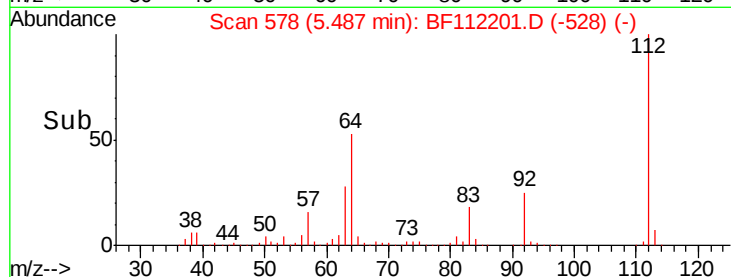
63 28.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.926 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

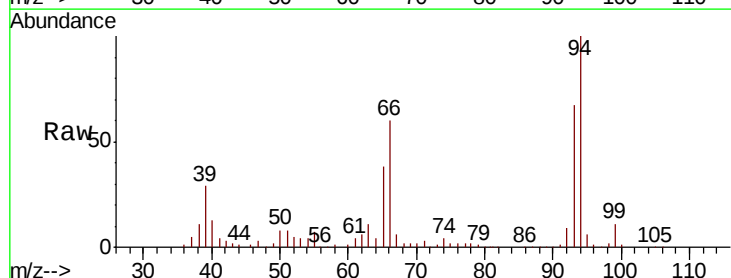
Tgt Ion: 93 Resp: 319927

Ion Ratio Lower Upper

93 100

66 90.2 43.4 65.2#

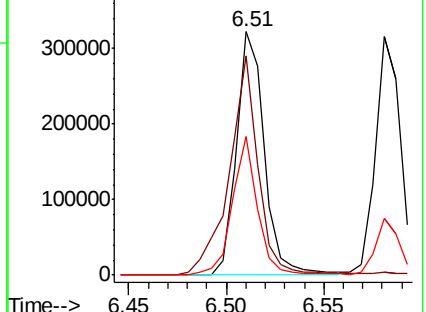
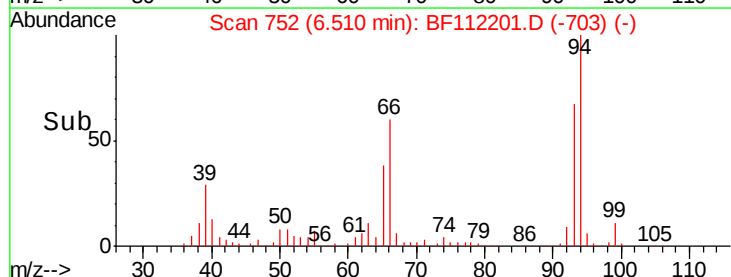
65 57.2 25.3 37.9#

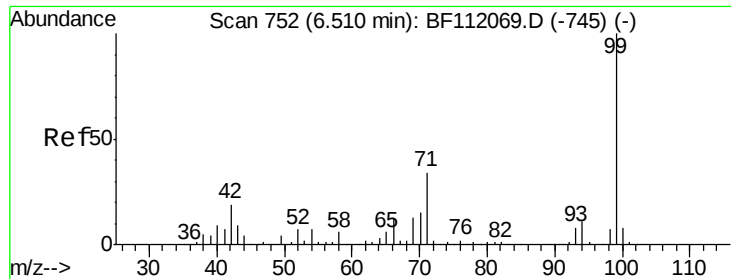


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.974 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

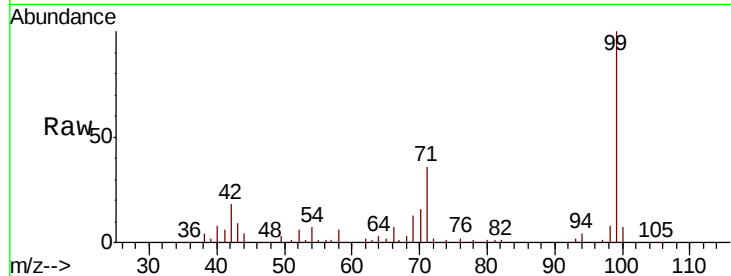
Tot Ion: 99 Resp: 1091386

Ion Ratio Lower Upper

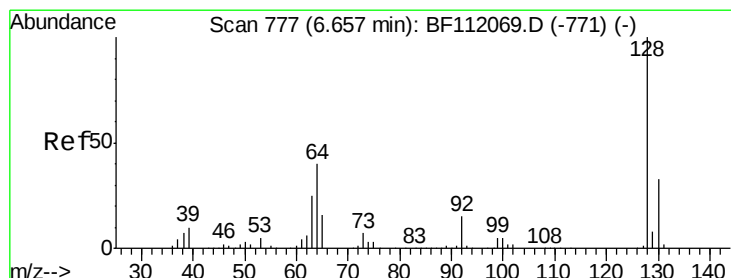
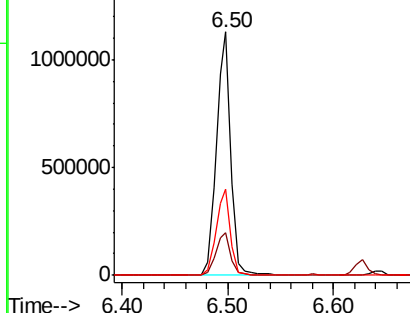
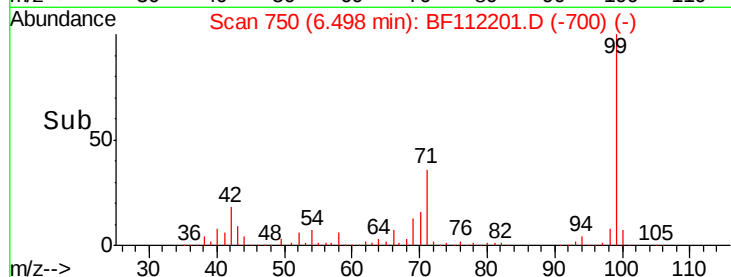
99 100

42 17.7 15.1 22.7

71 35.6 26.9 40.3



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



#8

2-Chlorophenol

Concen: 28.252 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

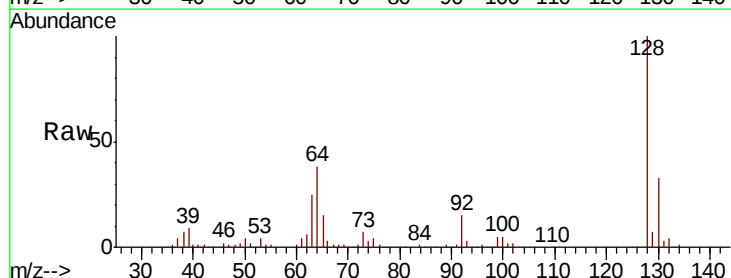
Tgt Ion: 128 Resp: 314618

Ion Ratio Lower Upper

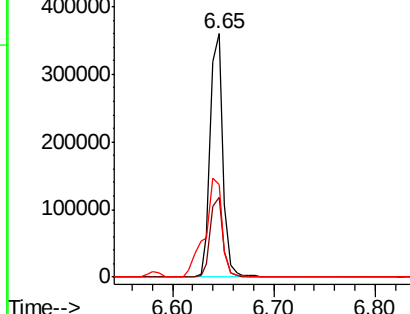
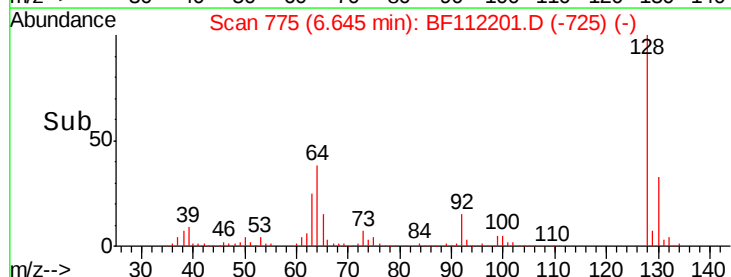
128 100

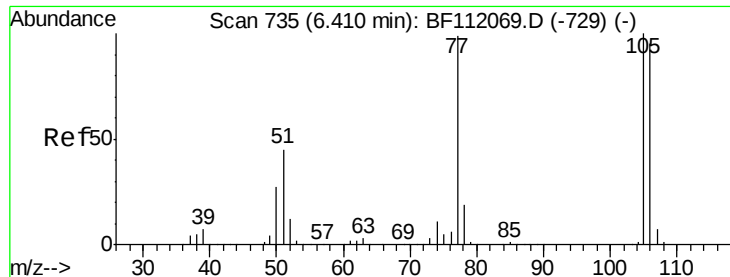
130 32.8 13.4 53.4

64 38.0 20.5 60.5



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





#9

Benzaldehyde

Concen: 7.130 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampled :

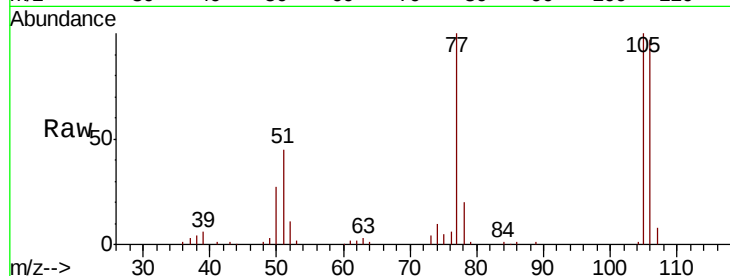
Tot Ion: 77 Resp: 65573

Ion Ratio Lower Upper

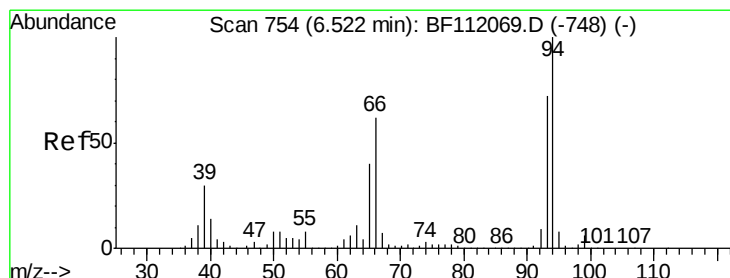
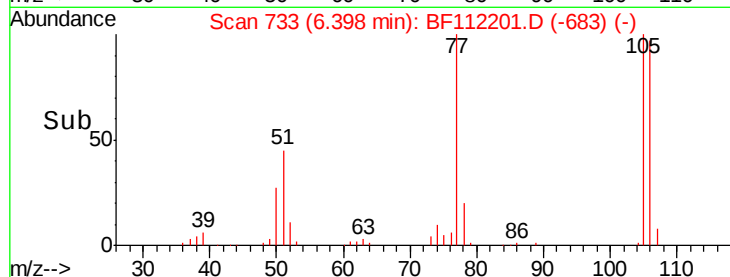
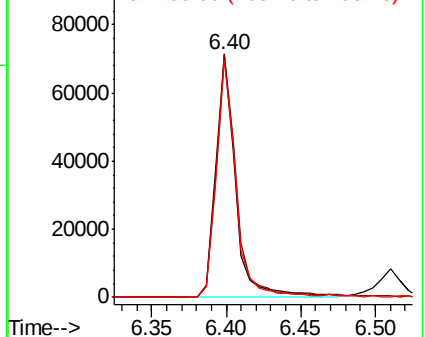
77 100

105 100.4 80.8 120.8

106 97.6 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 28.314 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

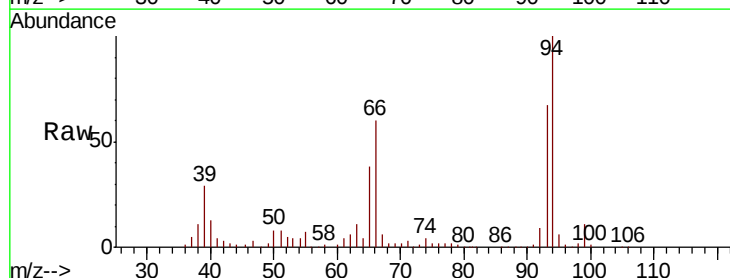
Tgt Ion: 94 Resp: 371222

Ion Ratio Lower Upper

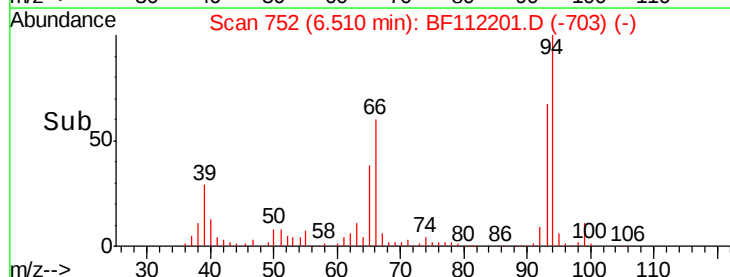
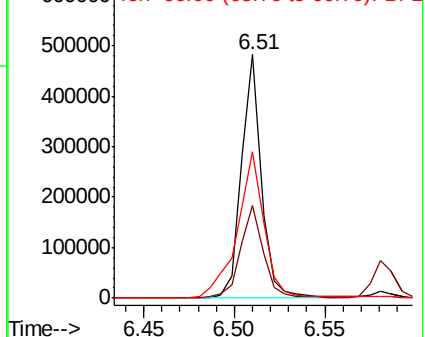
94 100

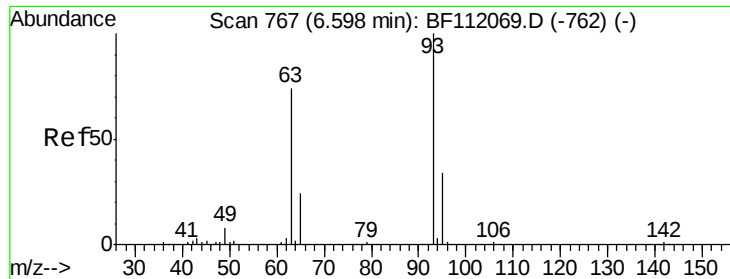
65 38.2 20.3 60.3

66 60.3 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

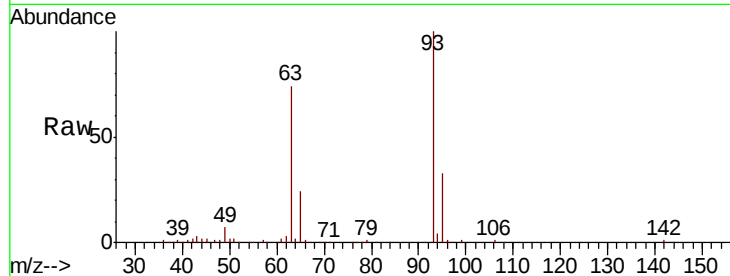




#11
 bis(2-Chloroethyl)ether
 Concen: 27.291 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	53.3	93.3
95	32.6	13.4	53.4

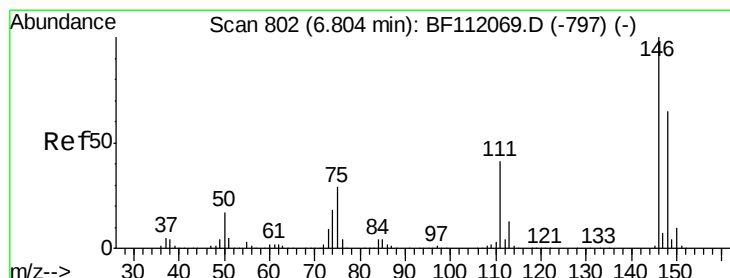
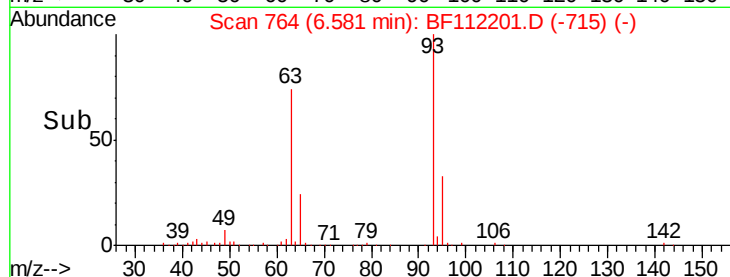
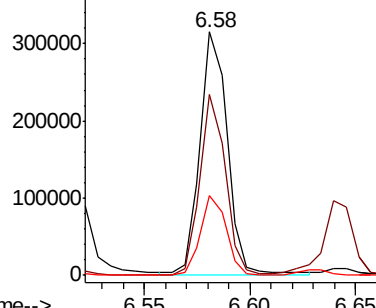


Abundance

Ion 93.00 (92.70 to 93.70): BF1

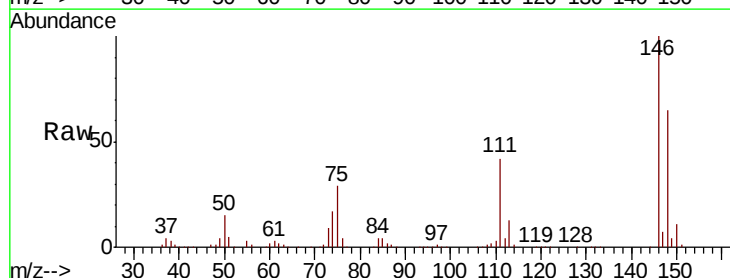
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 26.015 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.9	23.1	34.7

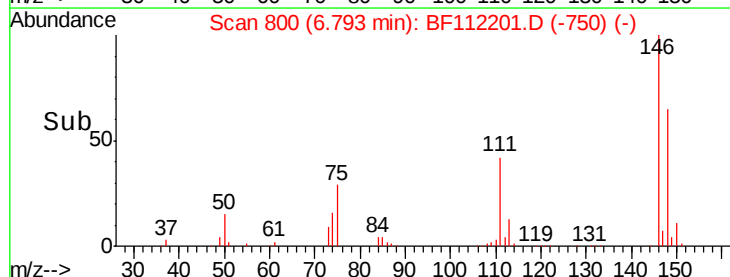
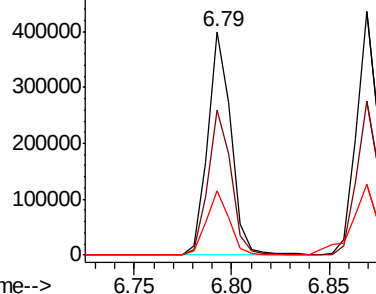


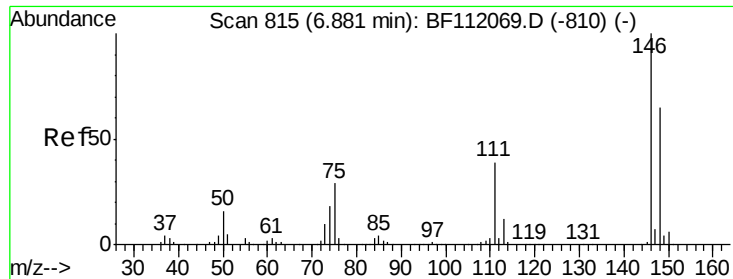
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

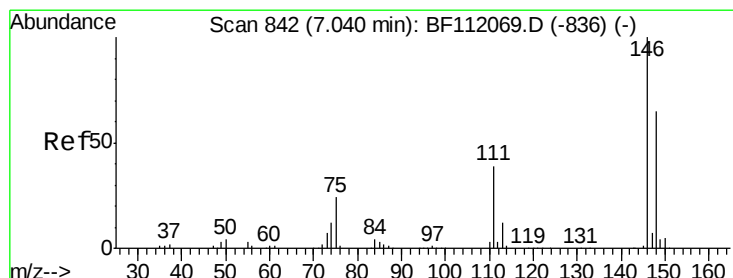
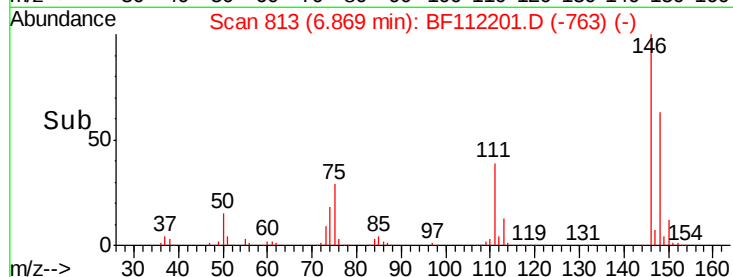
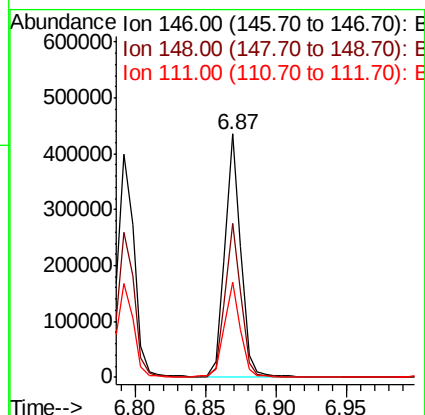
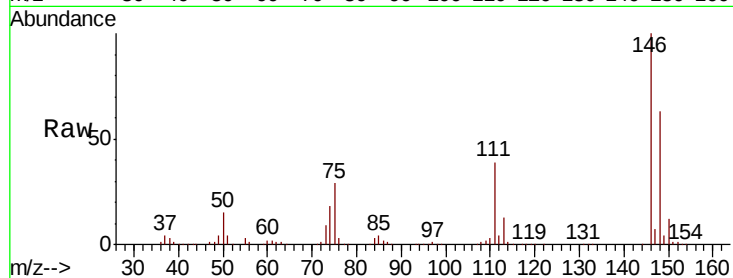




#13
 1,4-Dichlorobenzene
 Concen: 26.243 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

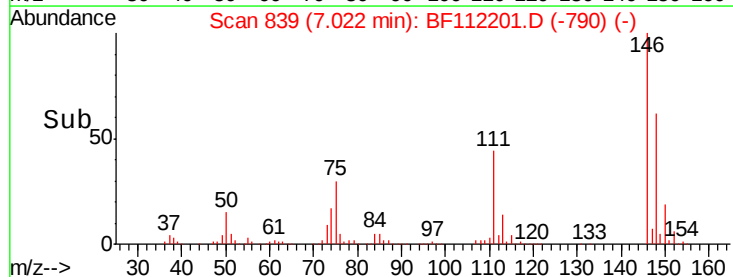
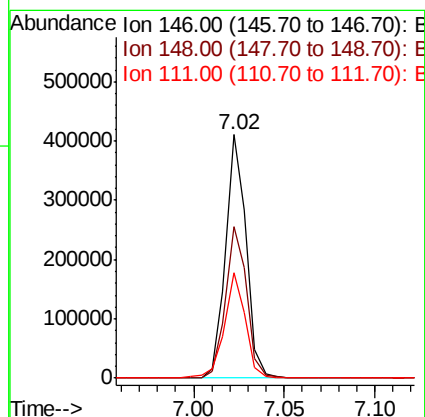
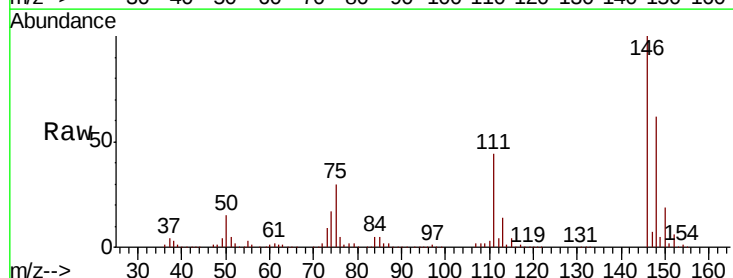
Instrument :
 BNA_F
 ClientSampled :

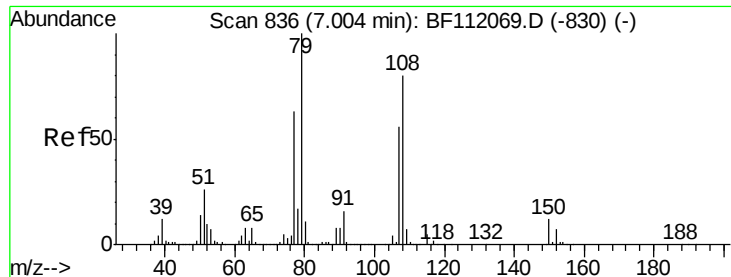
Tot Ion:146 Resp: 341144
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 38.8 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 27.094 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion:146 Resp: 324435
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.4
 111 43.5 31.2 46.8





#15

Benzyl Alcohol

Concen: 29.068 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

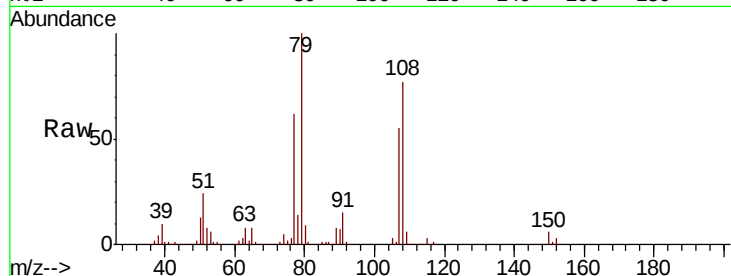
Tot Ion: 79 Resp: 259803

Ion Ratio Lower Upper

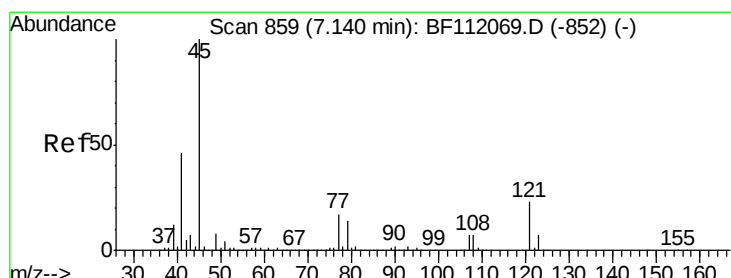
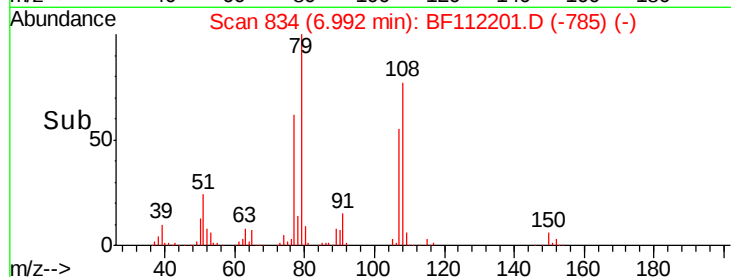
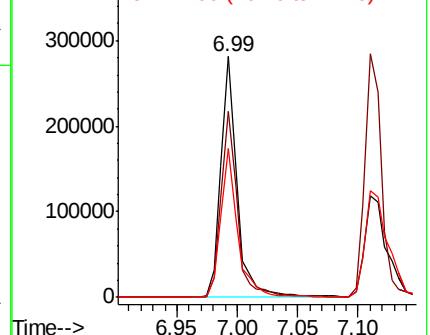
79 100

108 77.5 64.2 96.2

77 61.9 50.3 75.5



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: 23.096 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

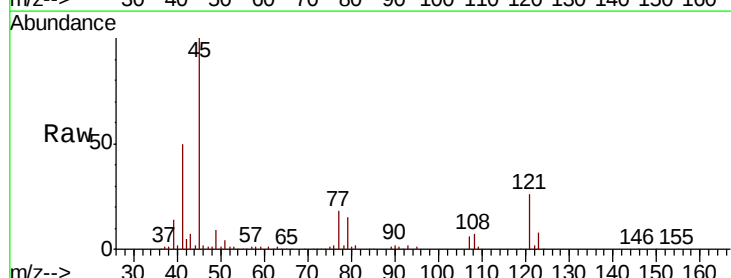
Tgt Ion: 45 Resp: 347208

Ion Ratio Lower Upper

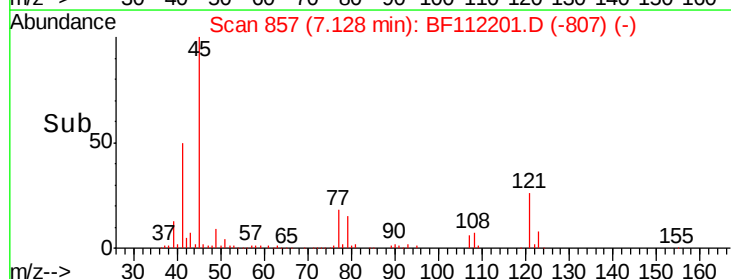
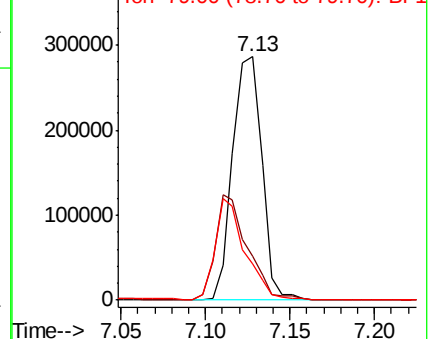
45 100

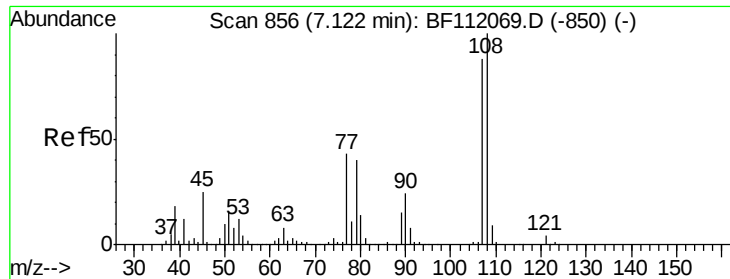
77 18.1 0.0 36.9

79 14.7 0.0 34.0



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

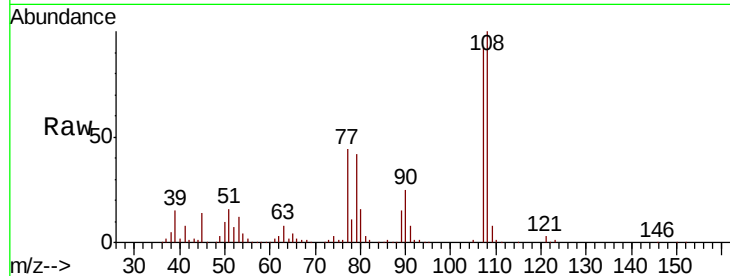




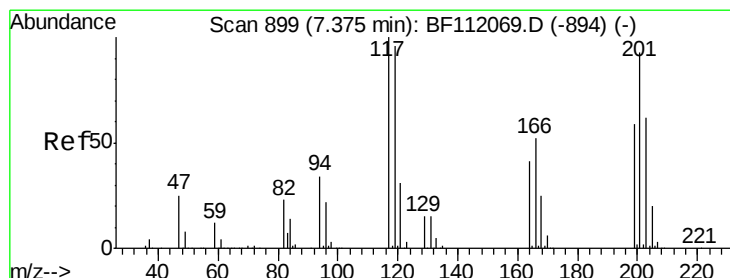
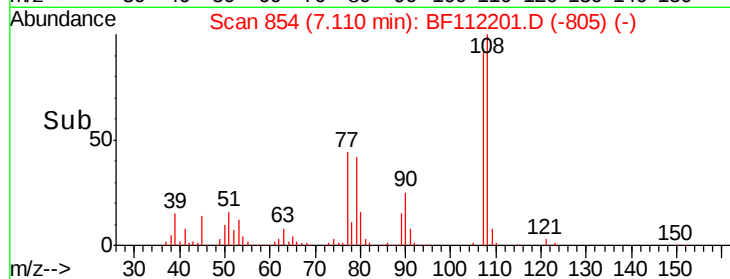
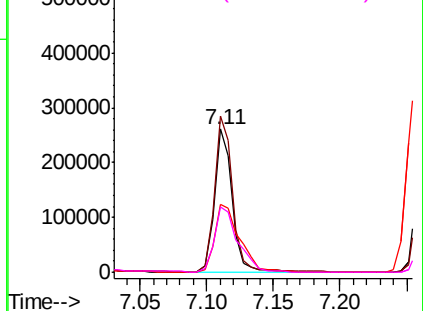
#17
2-Methylphenol
Concen: 28.985 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	242404
Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.3	136.9
77	47.7	39.0	58.6
79	45.7	37.0	55.4

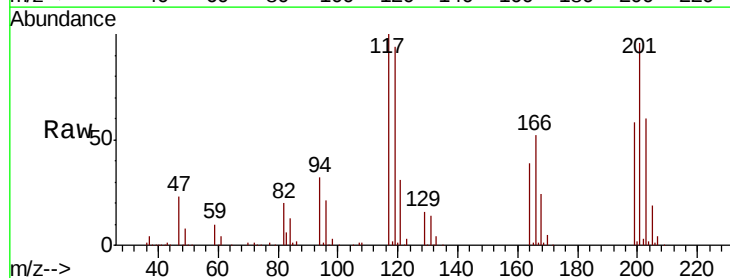


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

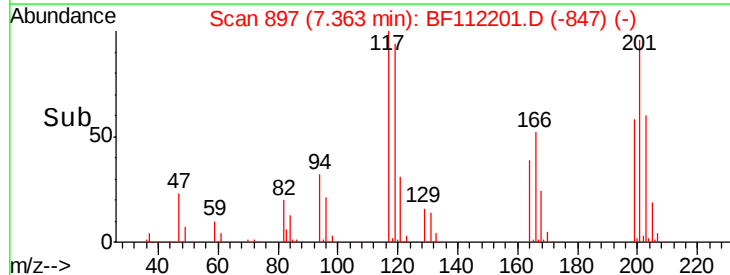
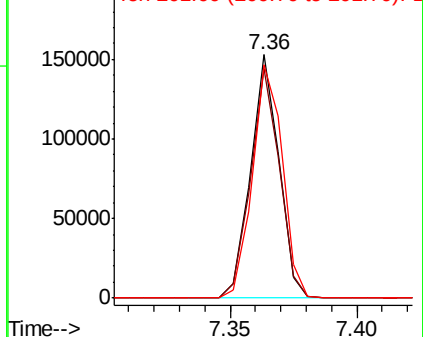


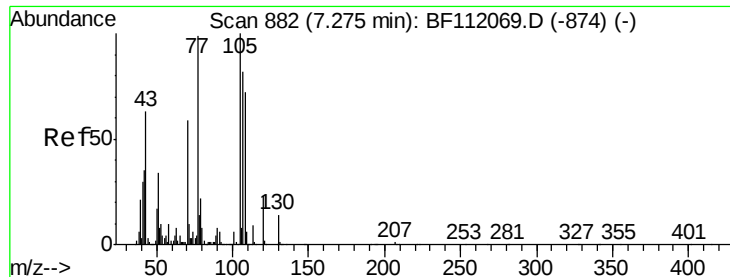
#18
Hexachloroethane
Concen: 27.454 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:	117	Resp:	119118
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.4
201	95.7	74.1	111.1



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

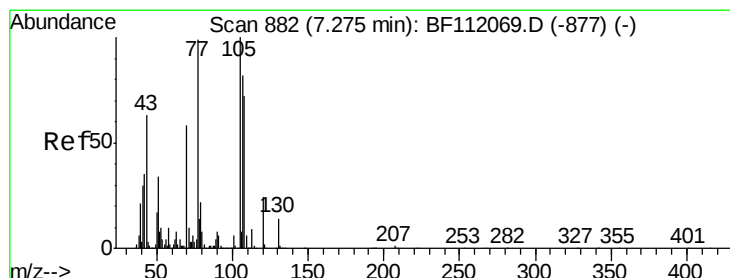
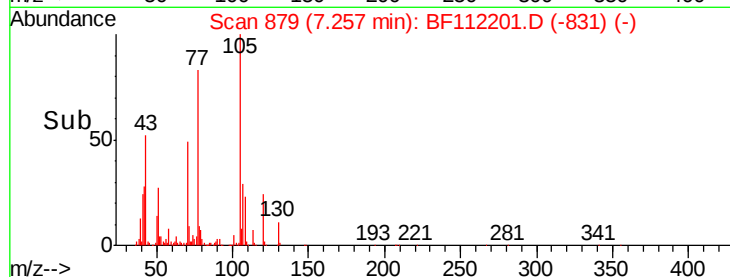
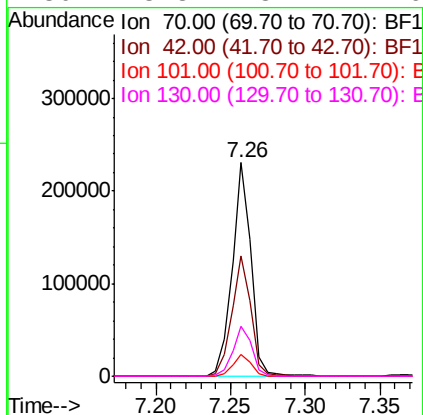
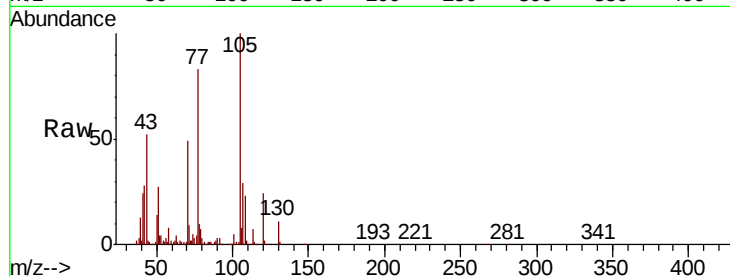




#19
n-Nitroso-di-n-propylamine
Concen: 28.127 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

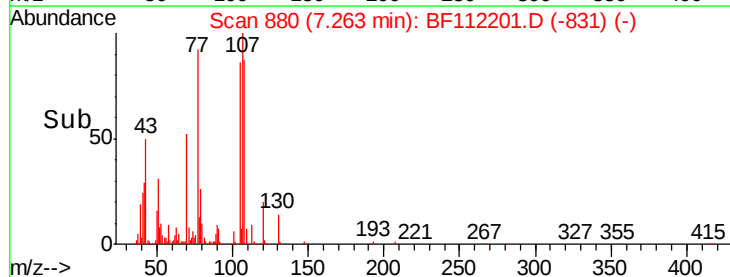
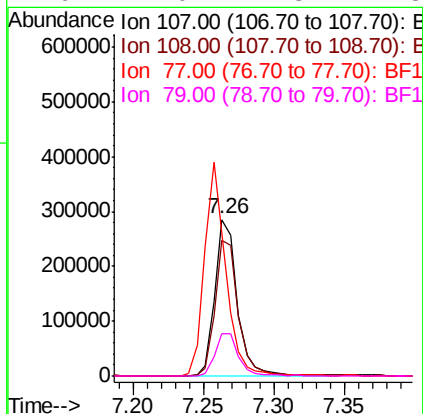
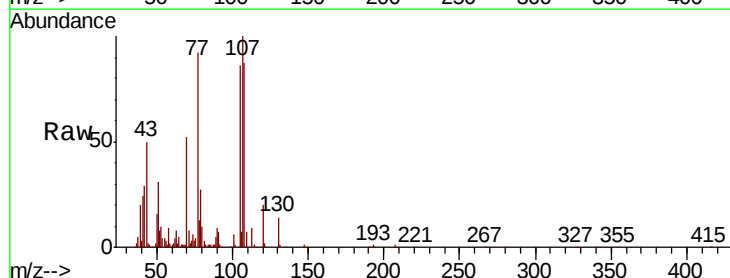
Instrument :
BNA_F
ClientSampleId :

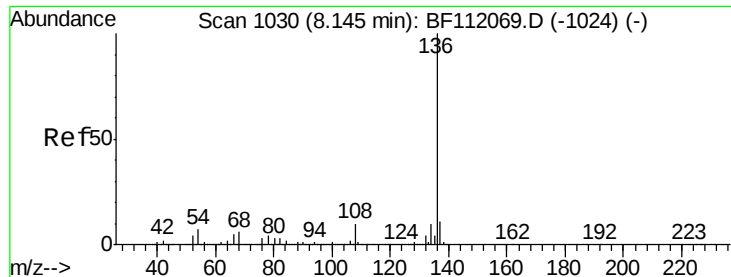
Tot Ion:	70	Resp:	205562
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.6	71.4
101	10.3	7.9	11.9
130	23.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 31.098 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:	107	Resp:	315334
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	91.6	100.7	140.7#
79	27.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 679584

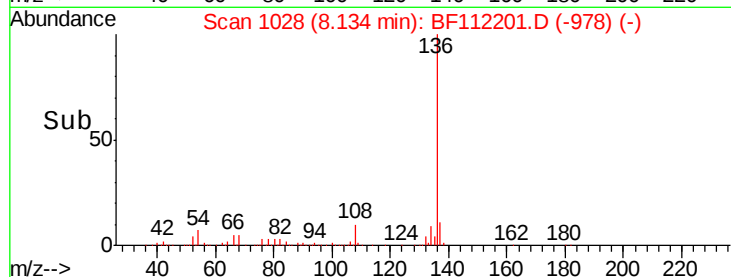
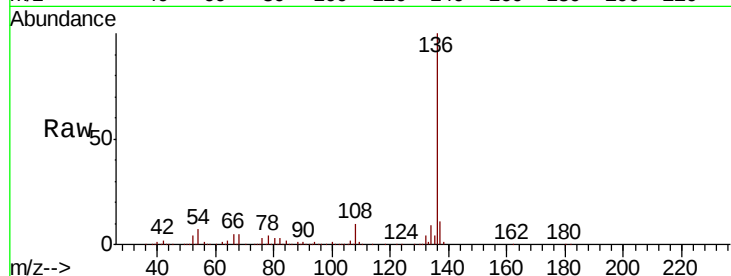
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.6 5.9 8.9

68 5.2 5.1 7.7

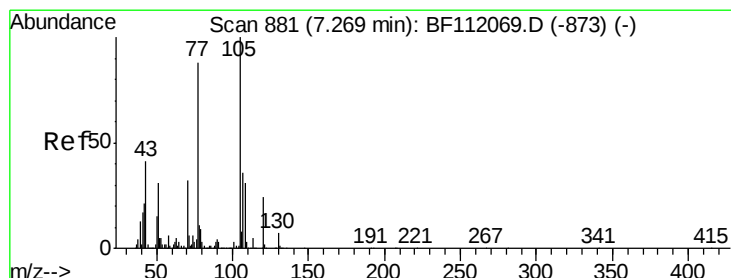
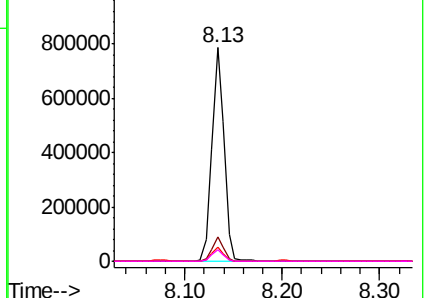


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.546 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Tgt Ion:105 Resp: 417940

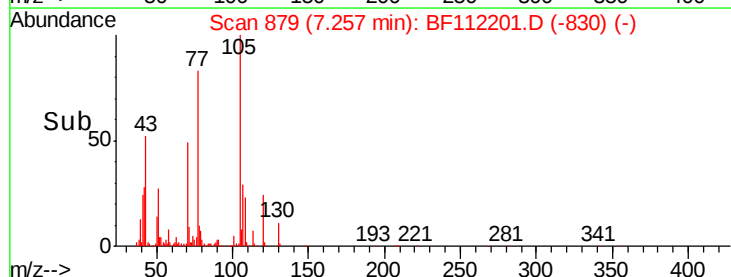
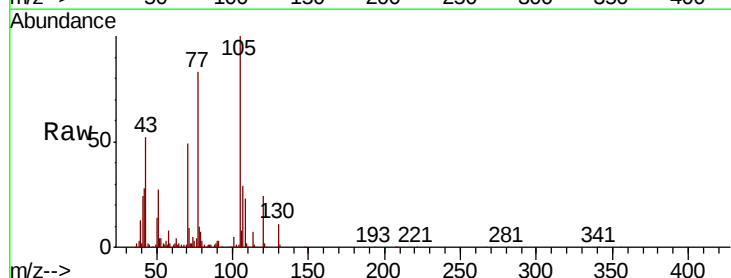
Ion Ratio Lower Upper

105 100

71 8.5 4.6 6.8#

51 27.3 25.0 37.6

120 23.6 19.0 28.4

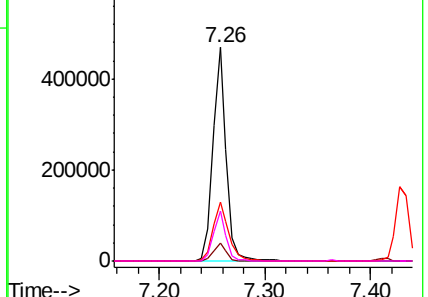


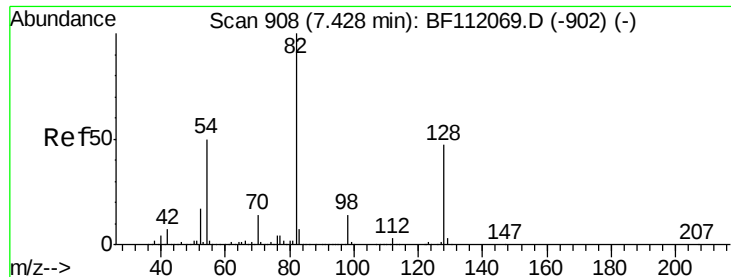
Abundance Ion 105.00 (104.70 to 105.70): E

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

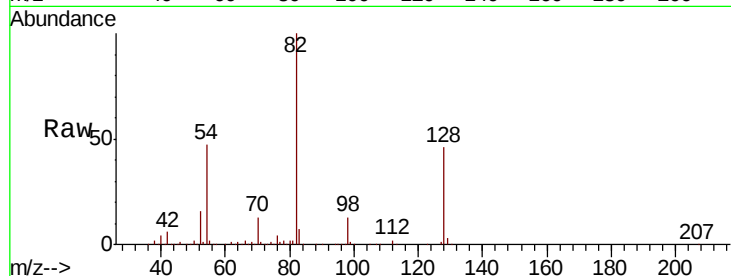




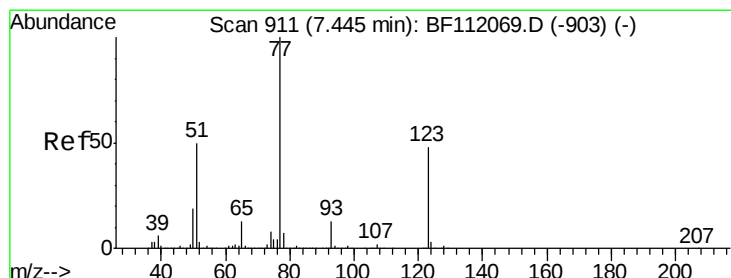
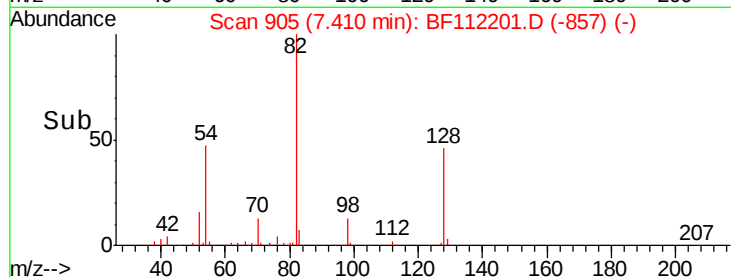
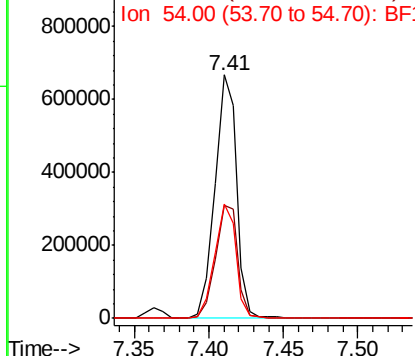
#23
Nitrobenzene-d5
Concen: 68.821 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 676946
Ion Ratio Lower Upper
82 100
128 46.2 37.8 56.8
54 47.2 39.7 59.5

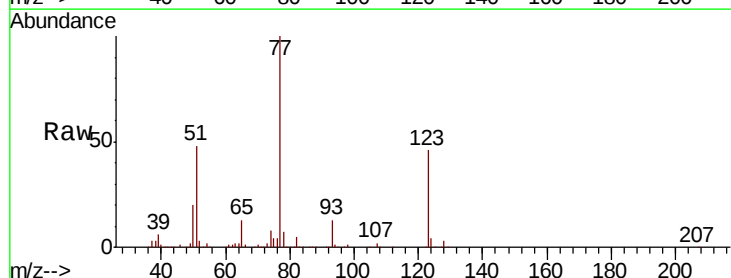


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

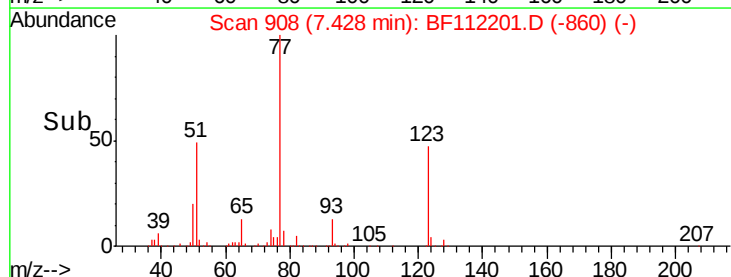
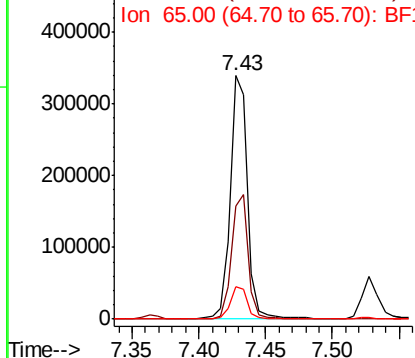


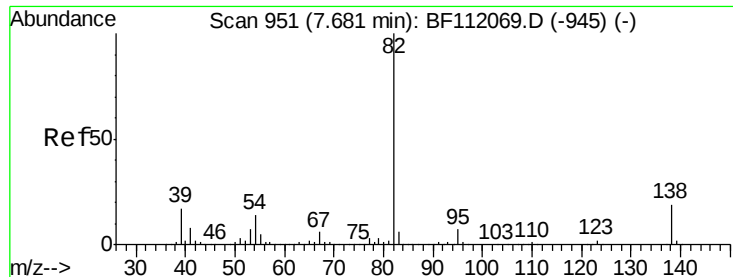
#24
Nitrobenzene
Concen: 29.382 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion: 77 Resp: 306303
Ion Ratio Lower Upper
77 100
123 46.4 38.4 57.6
65 13.3 10.6 15.8



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

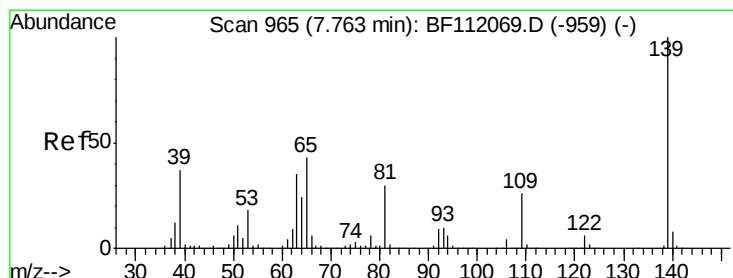
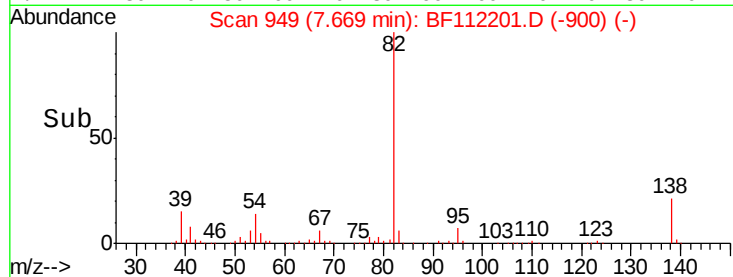
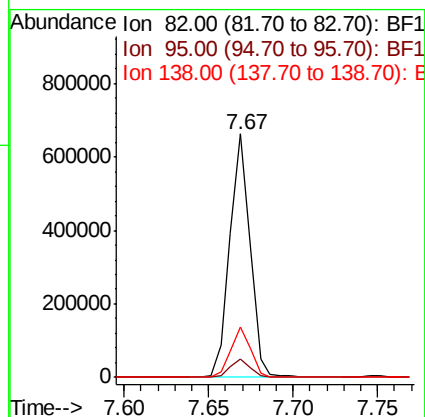
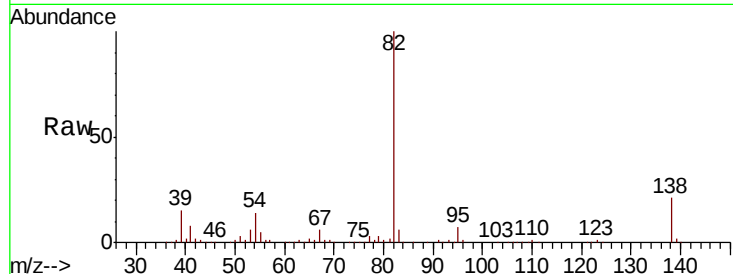




#25
Isophorone
Concen: 29.222 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

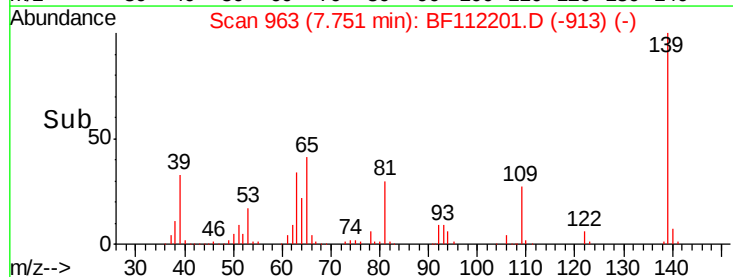
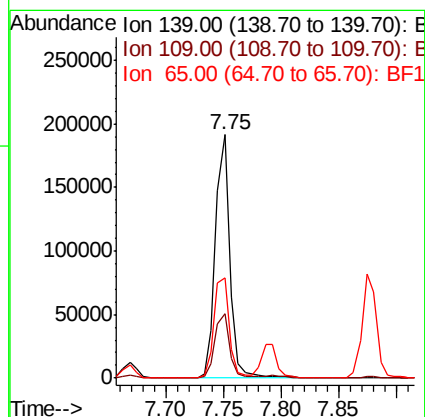
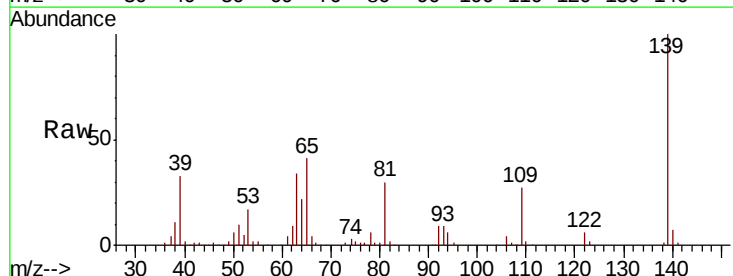
Instrument :
BNA_F
ClientSampleId :

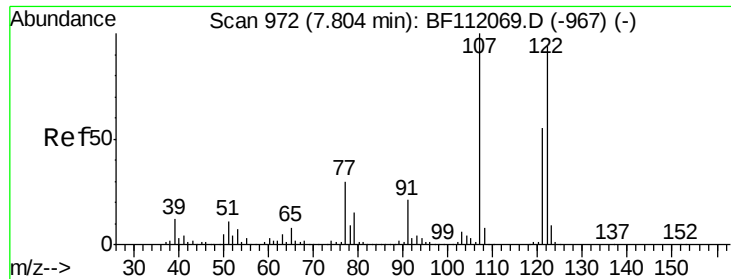
Tot Ion: 82 Resp: 555188
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 20.5 15.4 23.0



#26
2-Nitrophenol
Concen: 33.203 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion: 139 Resp: 167148
Ion Ratio Lower Upper
139 100
109 26.6 20.8 31.2
65 41.0 34.4 51.6

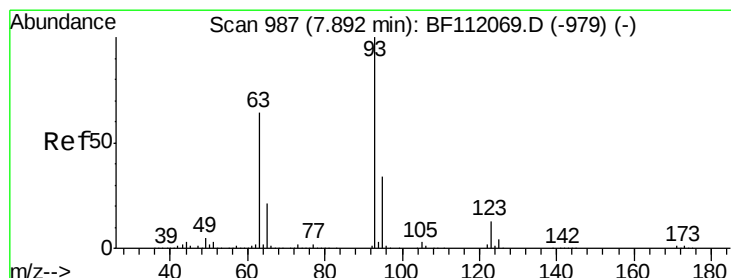
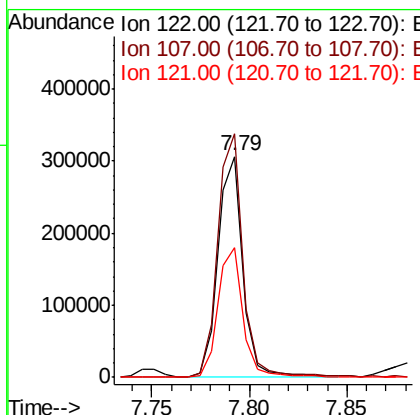
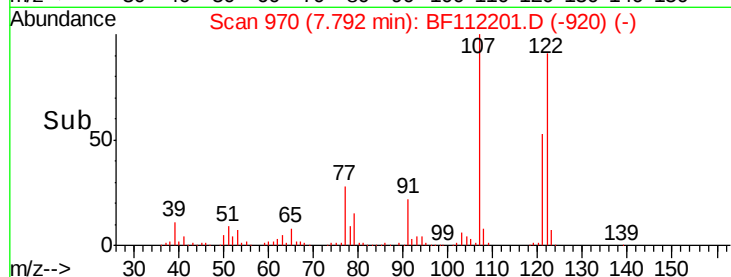
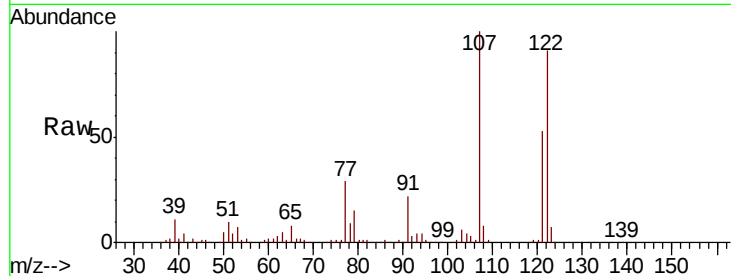




#27
2,4-Dimethylphenol
Concen: 30.576 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

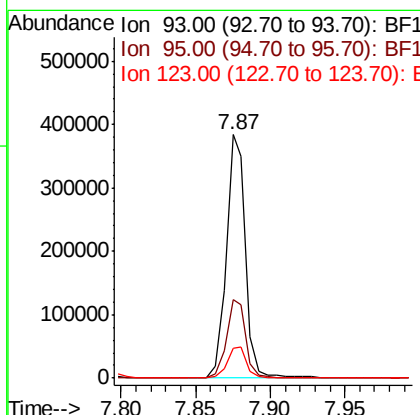
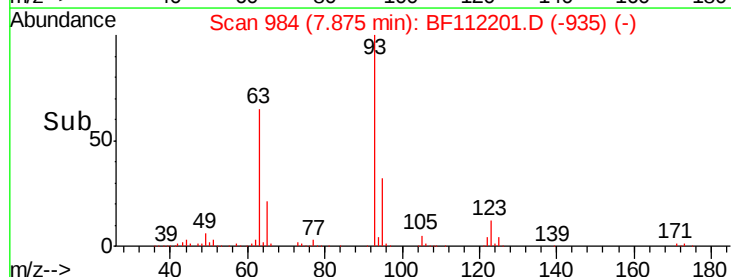
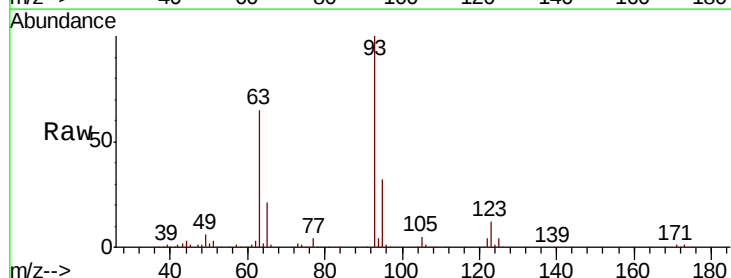
Instrument :
BNA_F
ClientSampleId :

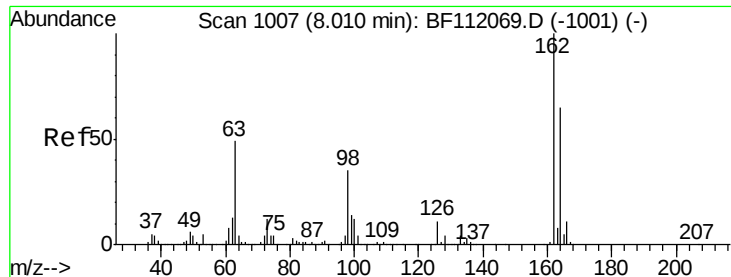
Tot Ion:122 Resp: 269648
Ion Ratio Lower Upper
122 100
107 110.4 85.4 128.0
121 58.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 26.804 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion: 93 Resp: 349324
Ion Ratio Lower Upper
93 100
95 32.2 26.8 40.2
123 12.0 10.2 15.2

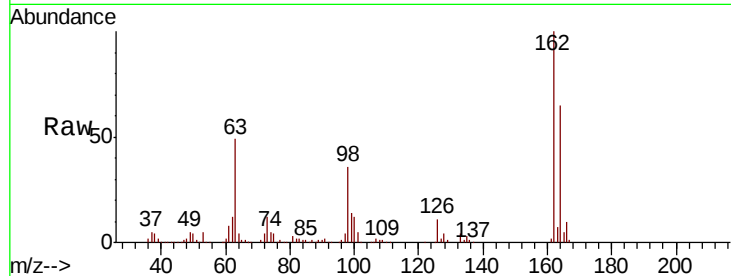




#29
2,4-Dichlorophenol
Concen: 28.082 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	35.8	14.6	54.6

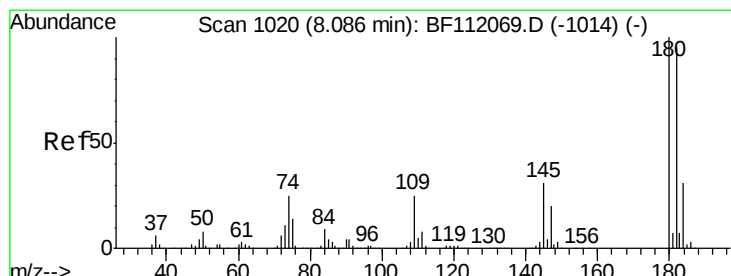
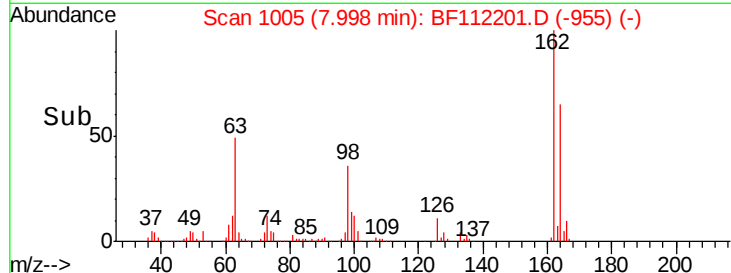
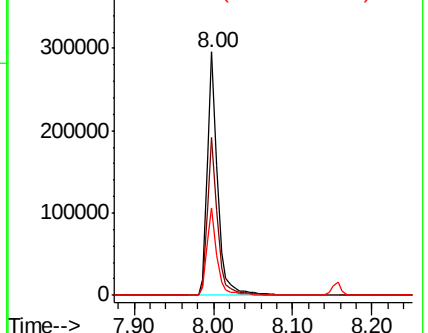


Abundance

Ion 162.00 (161.70 to 162.70): E

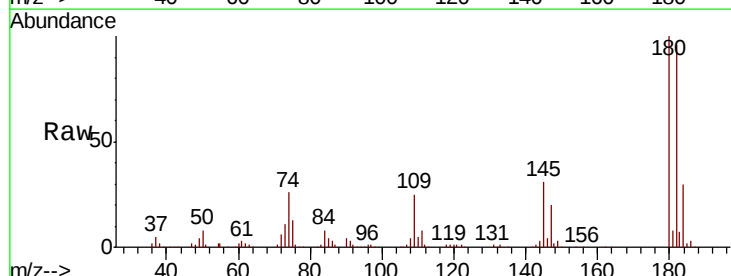
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 26.499 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.7	25.0	37.4

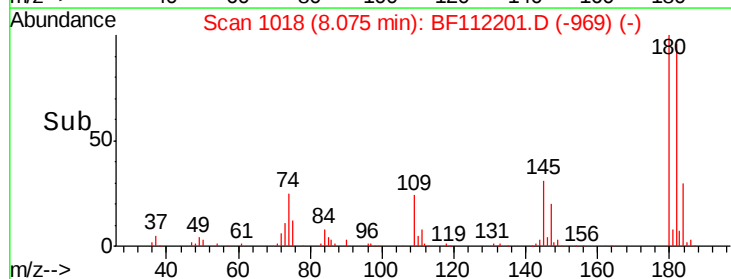
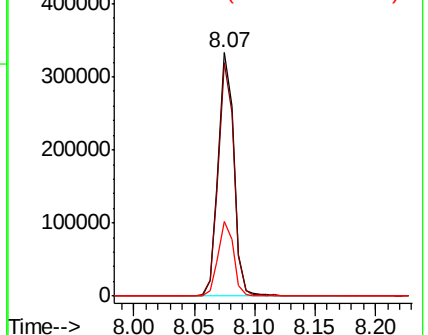


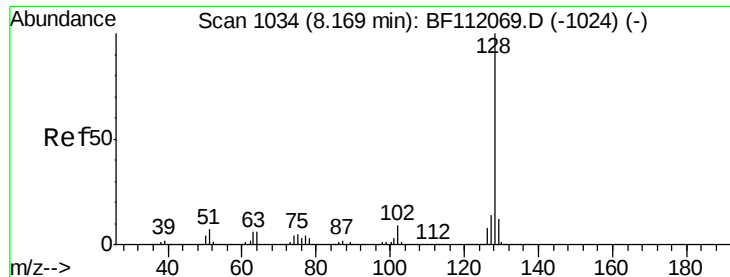
Abundance

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

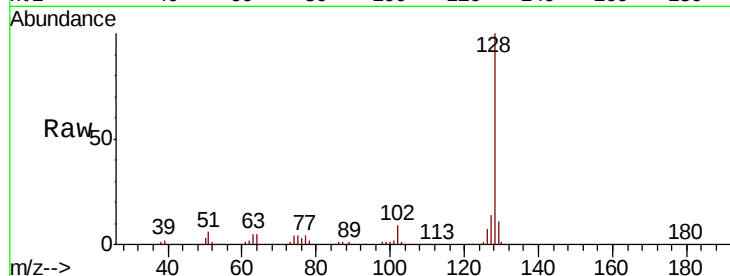




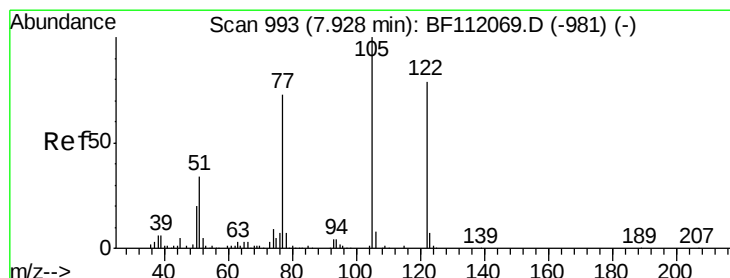
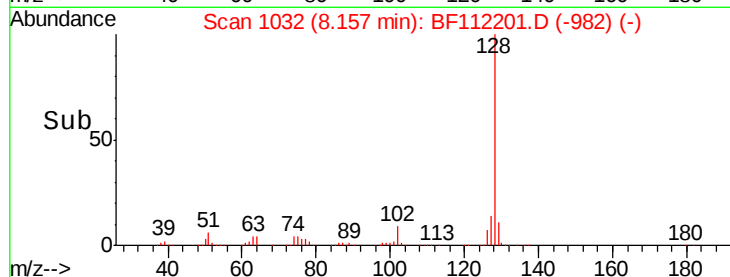
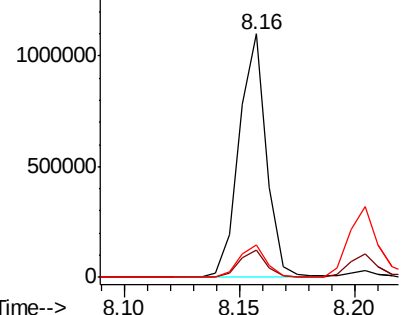
#31
Naphthalene
Concen: 29.364 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 907626
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.5 11.1 16.7

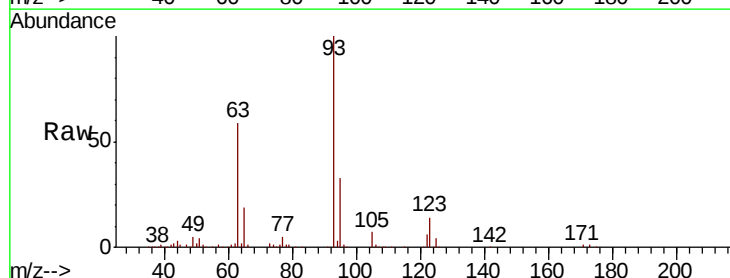


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

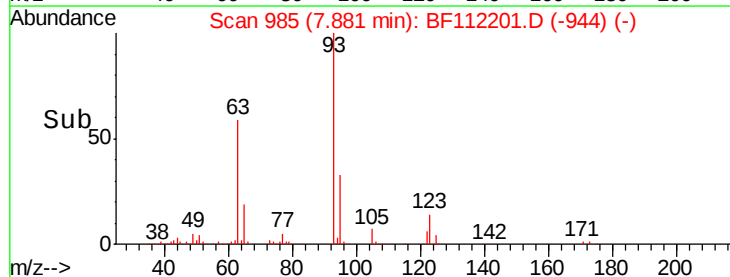
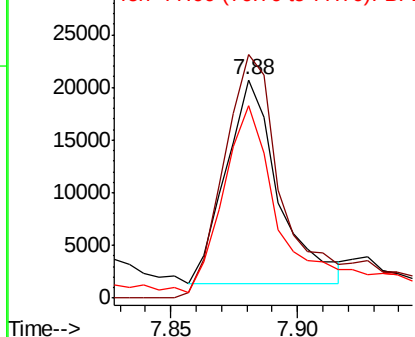


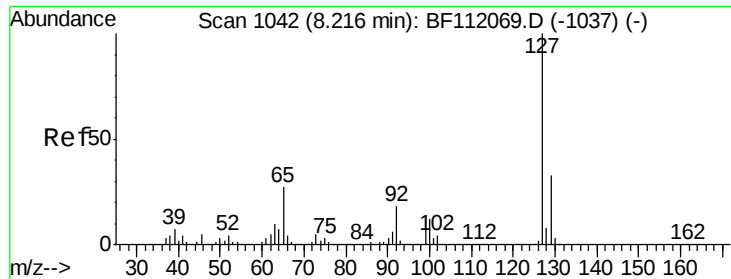
#32
Benzoic acid
Concen: 14.478 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:122 Resp: 28208
Ion Ratio Lower Upper
122 100
105 111.4 101.2 141.2
77 88.0 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
30000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

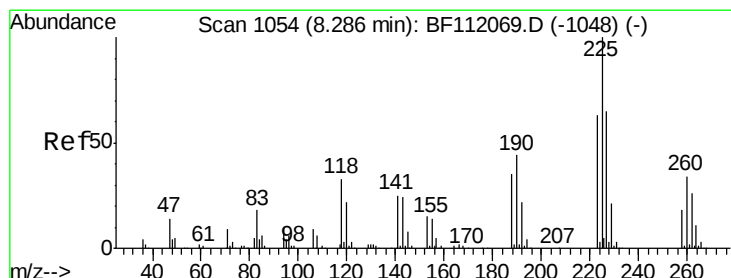
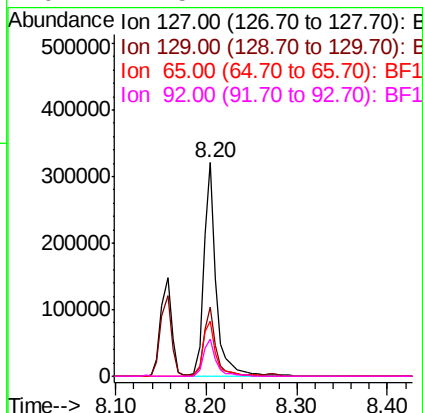
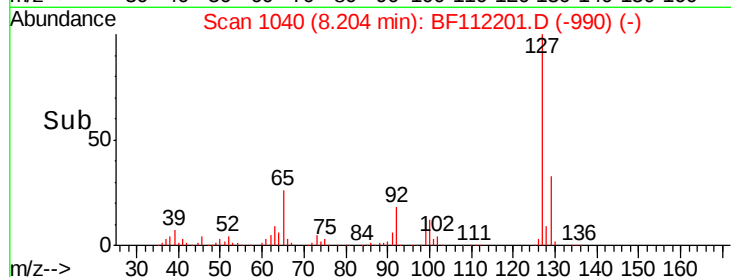
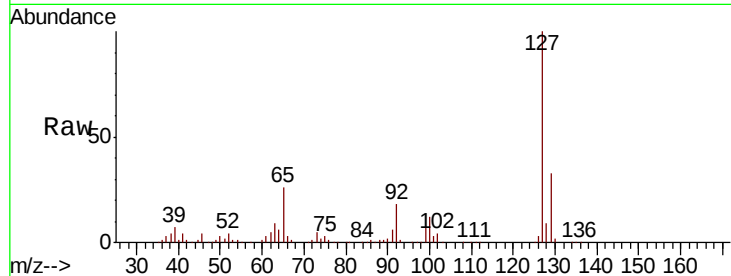




#33
4-Chloroaniline
Concen: 22.096 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

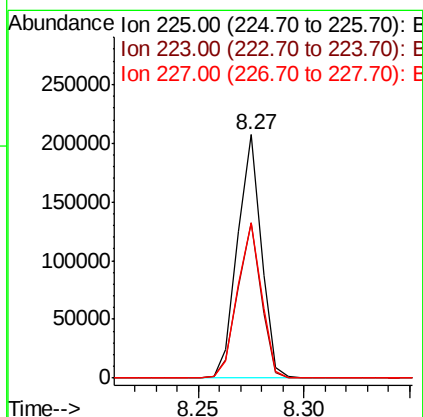
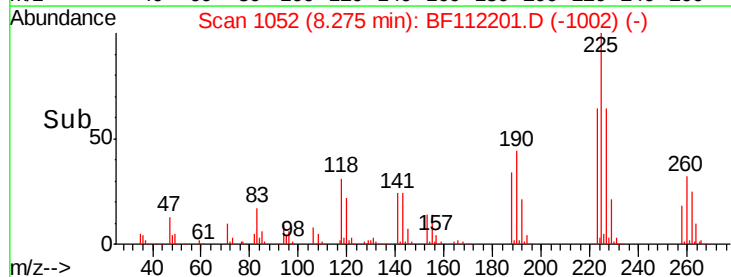
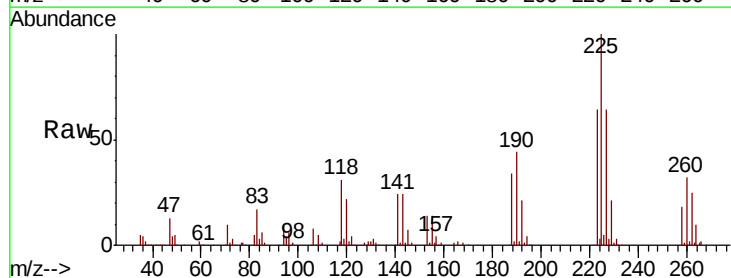
Instrument :
BNA_F
ClientSampleId :

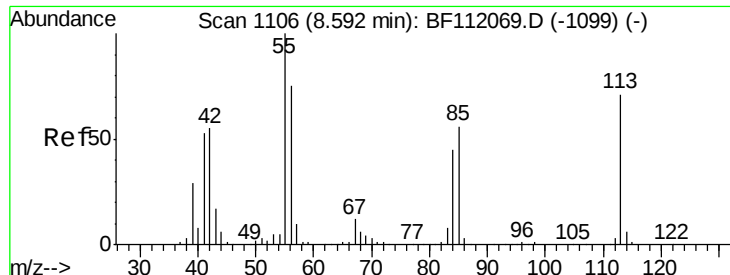
Tot Ion:	127	Resp:	306940
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	25.8	21.4	32.2
92	17.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 25.936 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:	225	Resp:	161369
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	63.8	51.8	77.8

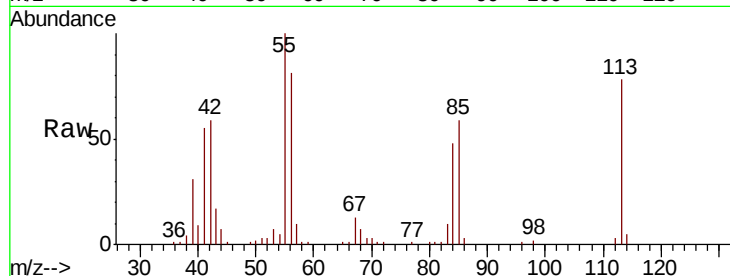




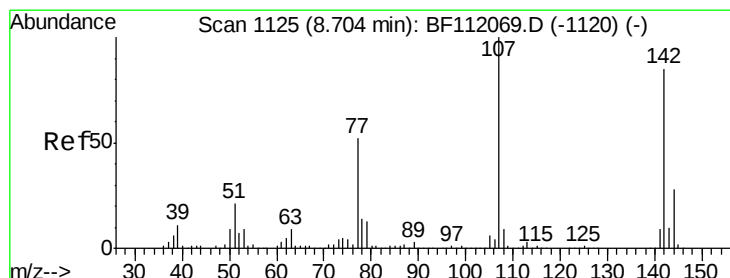
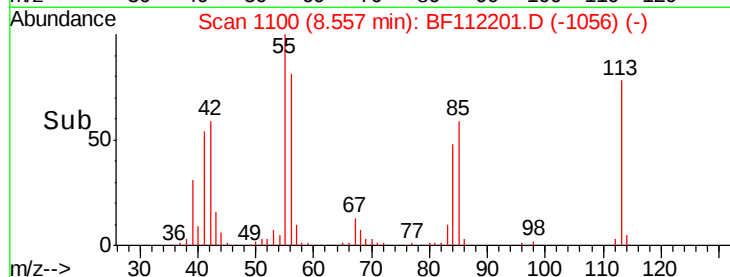
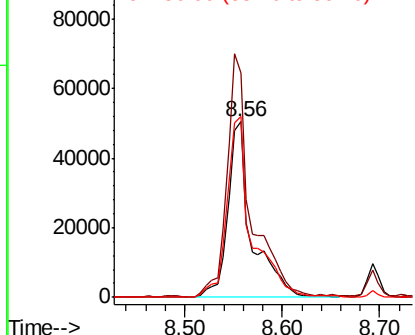
#35
Caprolactam
Concen: 25.191 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 84939
Ion Ratio Lower Upper
113 100
55 128.4 121.6 161.6
56 103.6 86.7 126.7

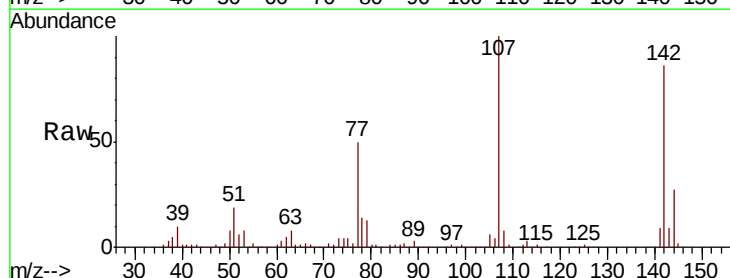


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

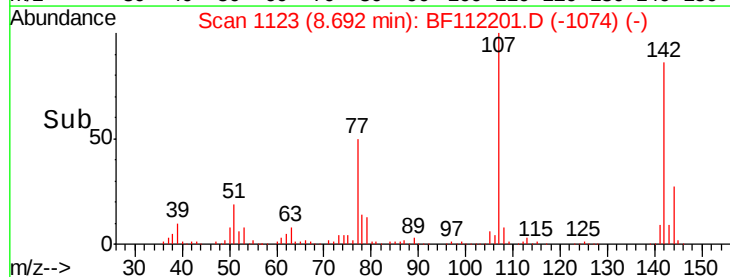
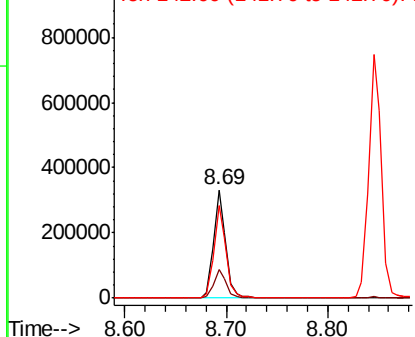


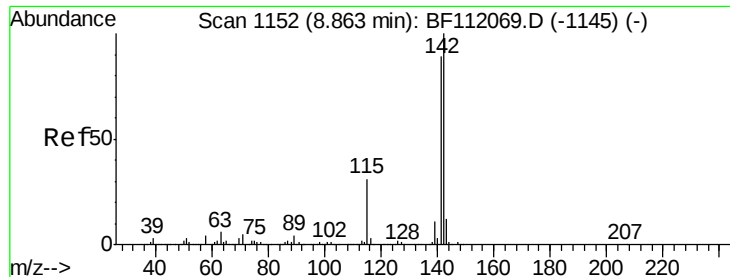
#36
4-Chloro-3-methylphenol
Concen: 29.498 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:107 Resp: 277562
Ion Ratio Lower Upper
107 100
144 26.6 22.2 33.2
142 85.7 67.7 101.5



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

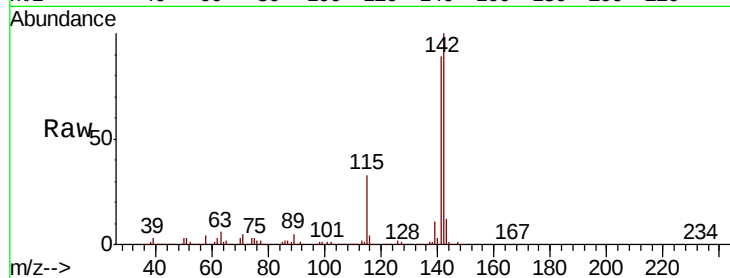




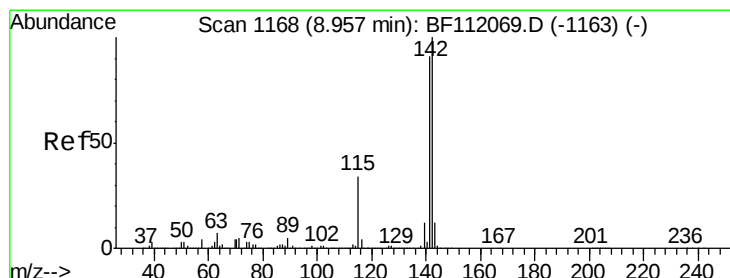
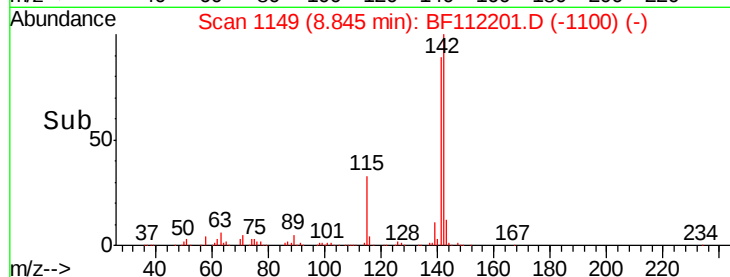
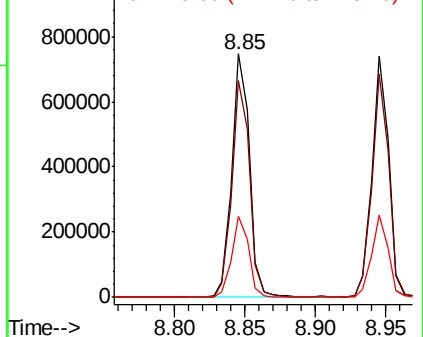
#37
2-Methylnaphthalene
Concen: 30.948 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	33.4	24.9	37.3

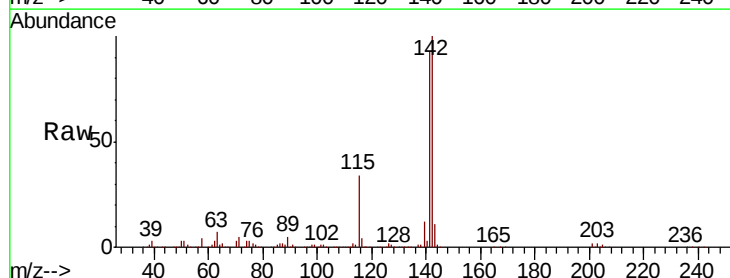


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

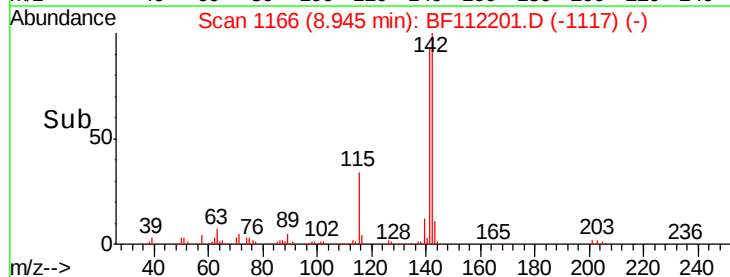
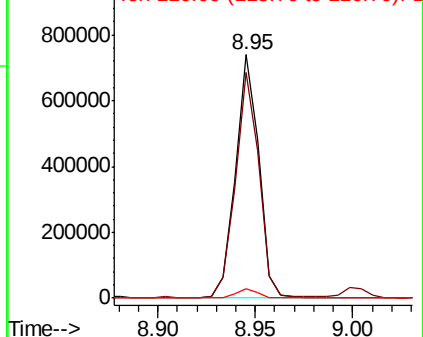


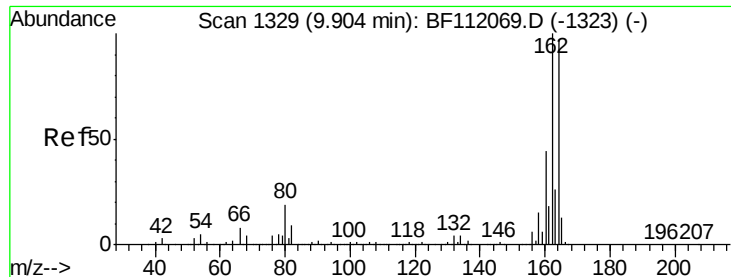
#38
1-Methylnaphthalene
Concen: 30.106 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.6	108.8
116	3.7	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

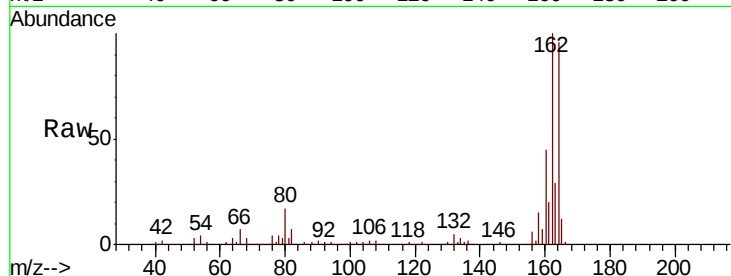
Tot Ion:164 Resp: 342570

Ion Ratio Lower Upper

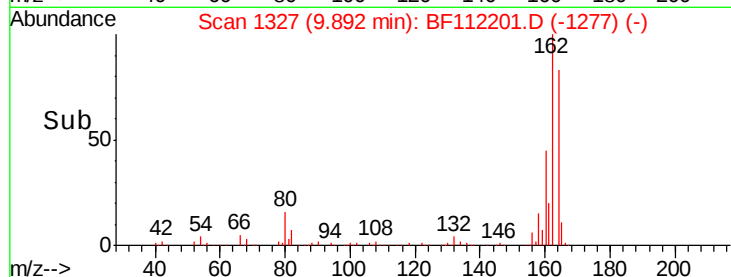
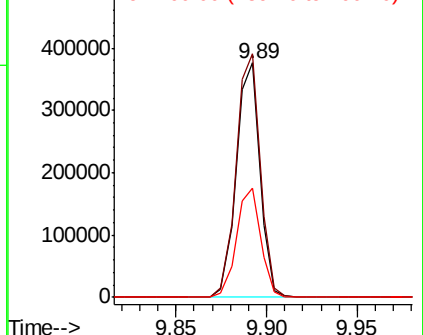
164 100

162 103.8 82.2 123.4

160 46.7 36.2 54.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 27.166 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Tgt Ion:216 Resp: 298832

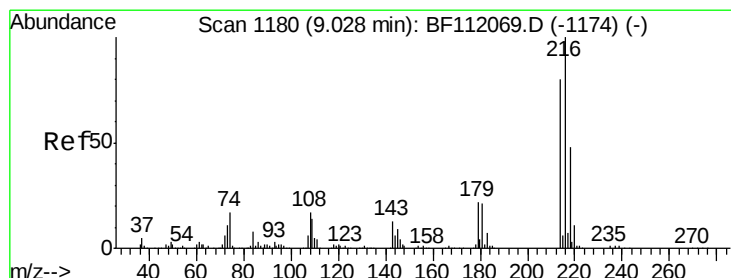
Ion Ratio Lower Upper

216 100

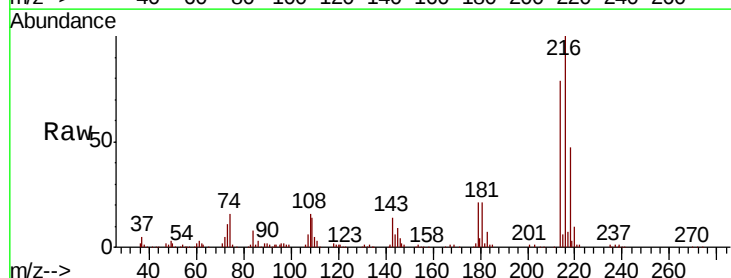
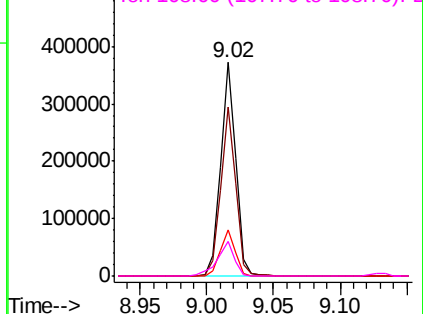
214 78.5 63.8 95.6

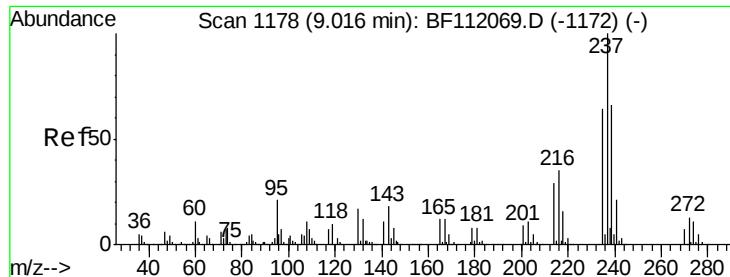
179 21.0 16.9 25.3

108 18.6 14.2 21.4



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





#41

Hexachlorocyclopentadiene

Concen: 47.835 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

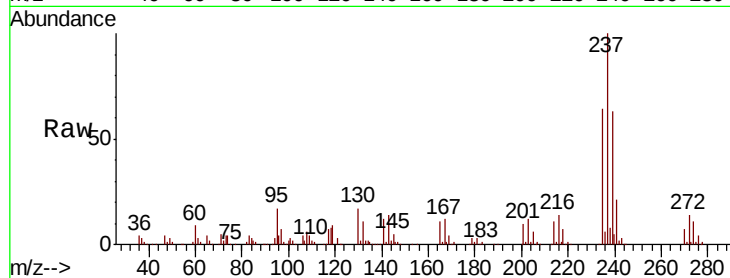
Tot Ion:237 Resp: 194847

Ion Ratio Lower Upper

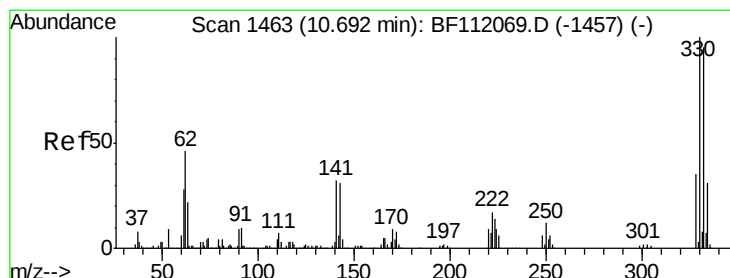
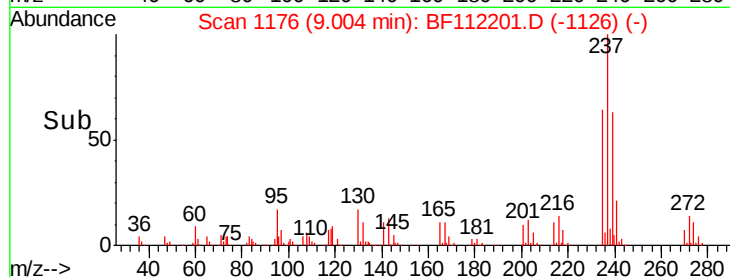
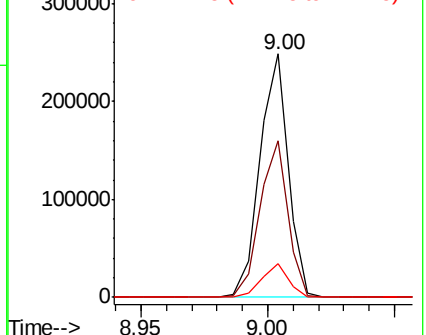
237 100

235 64.4 44.0 84.0

272 13.6 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



#42

2,4,6-Tribromophenol

Concen: 102.491 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

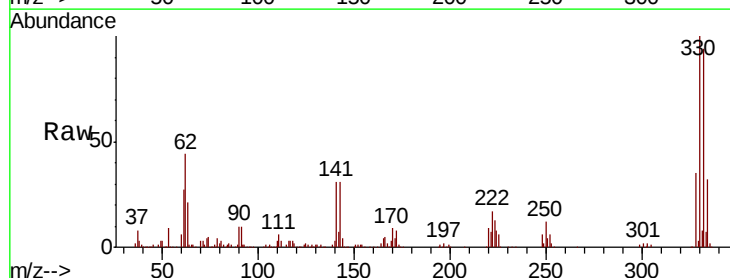
Tgt Ion:330 Resp: 378765

Ion Ratio Lower Upper

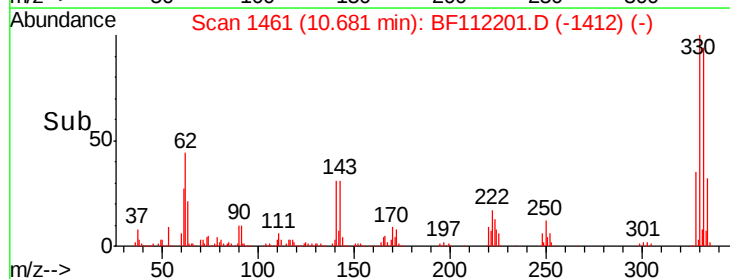
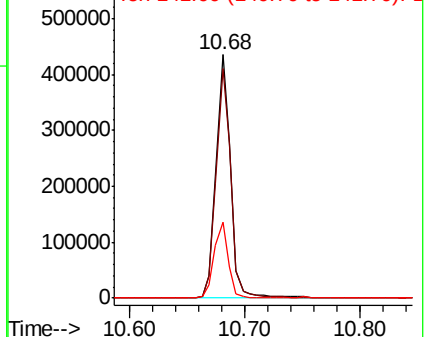
330 100

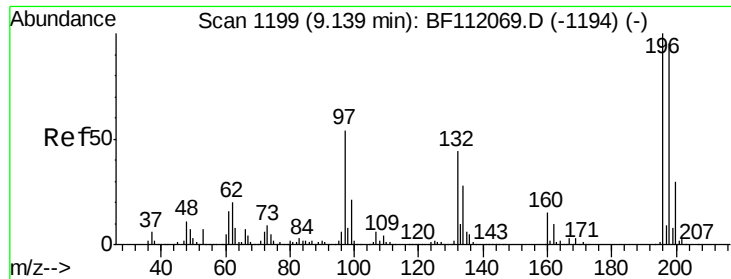
332 96.3 76.6 114.8

141 31.0 24.3 36.5



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

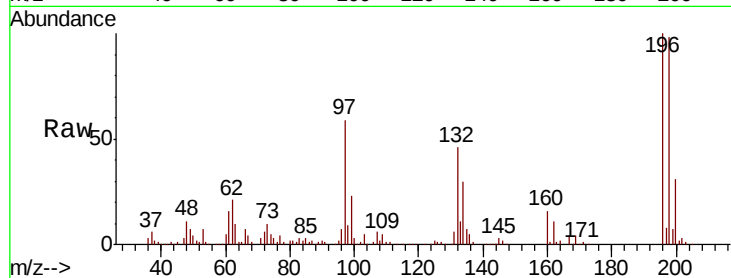




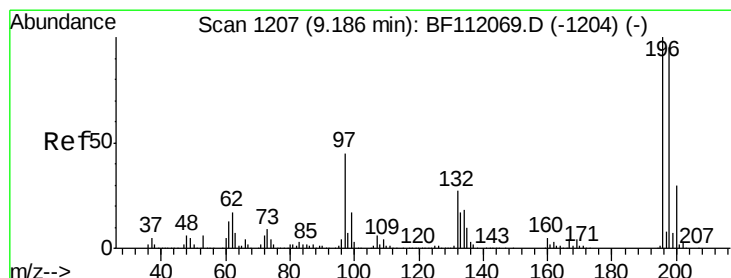
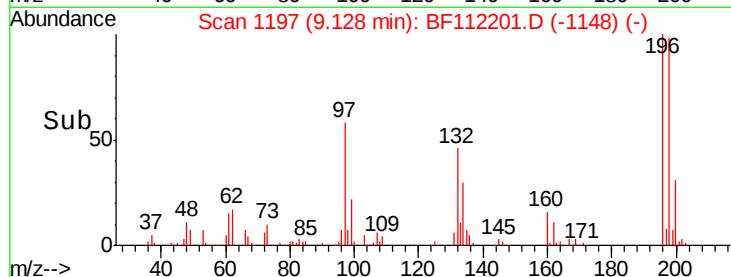
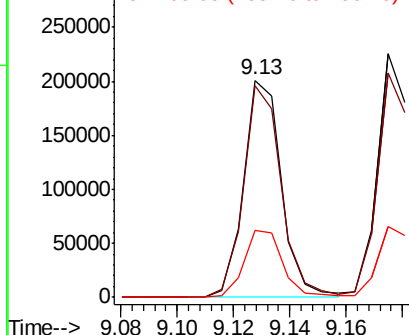
#43
 2,4,6-Trichlorophenol
 Concen: 28.460 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 187285
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.4
 200 31.1 24.3 36.5

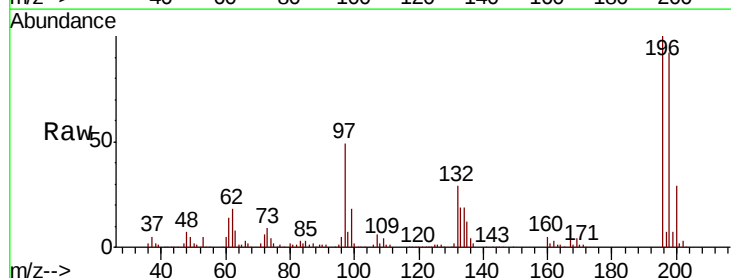


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

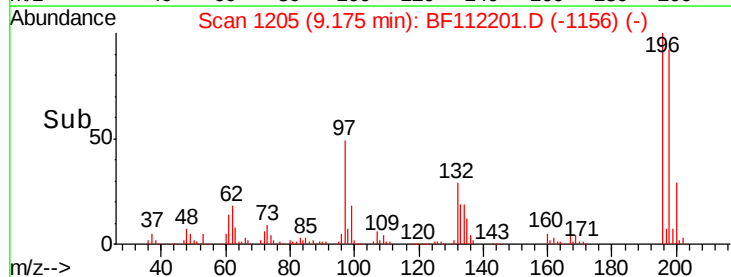
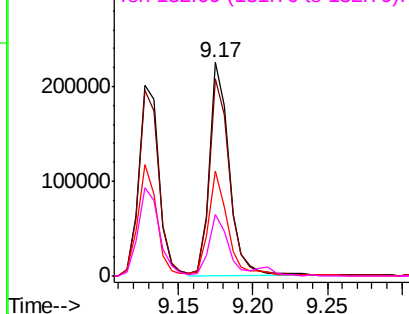


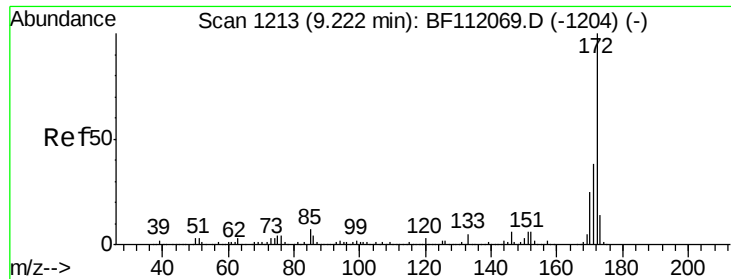
#44
 2,4,5-Trichlorophenol
 Concen: 29.421 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion:196 Resp: 206208
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.0 114.0
 97 49.0 36.4 54.6
 132 28.7 21.5 32.3



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

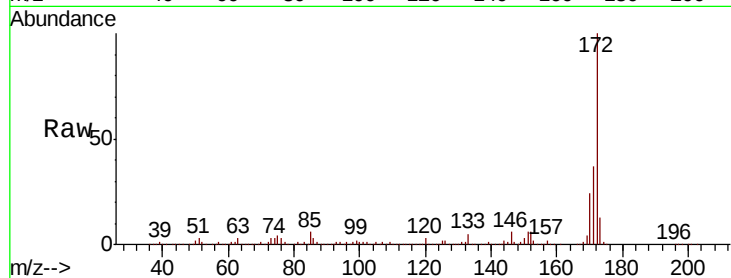




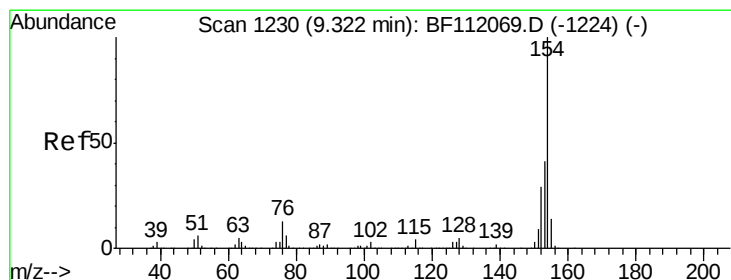
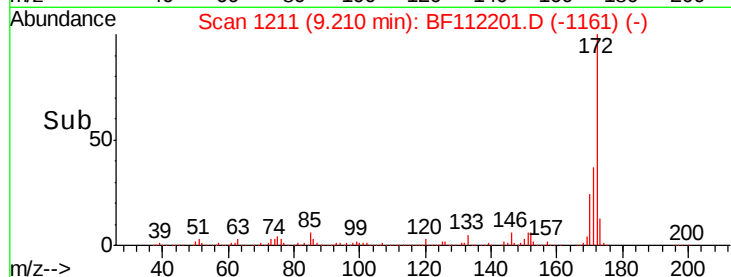
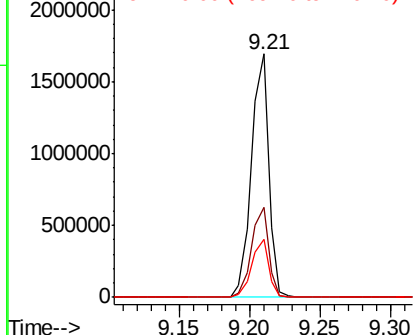
#45
2-Fluorobiphenyl
Concen: 62.936 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1470562
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 20.2 30.4

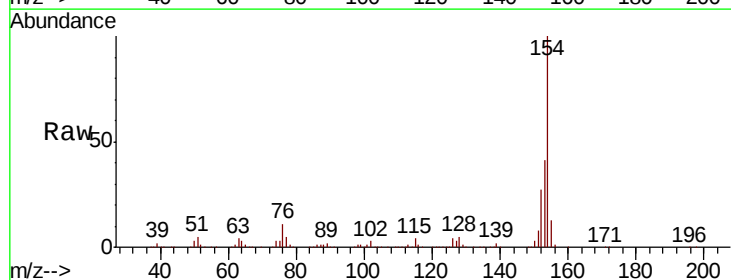


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

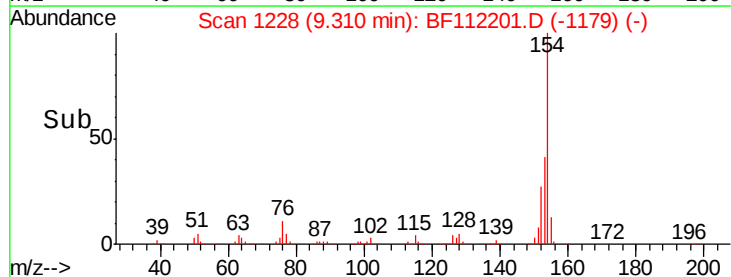
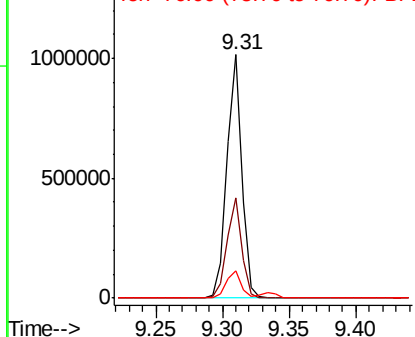


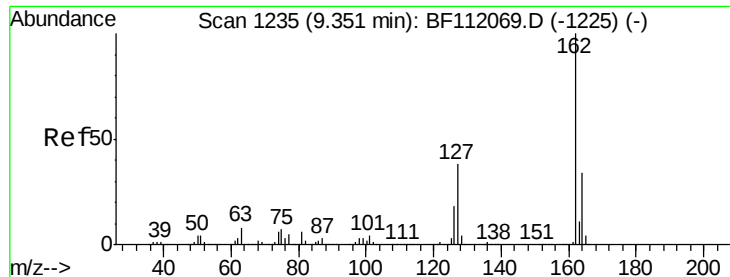
#46
1,1'-Biphenyl
Concen: 28.184 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:154 Resp: 807331
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 11.1 0.0 33.1



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

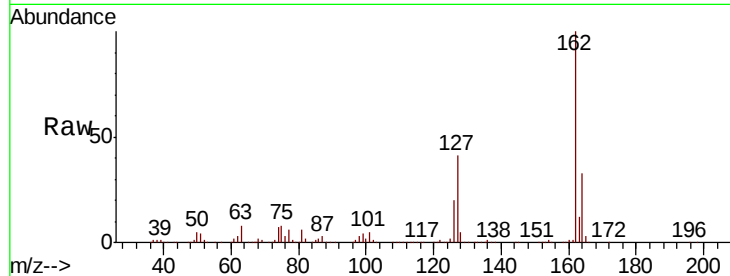




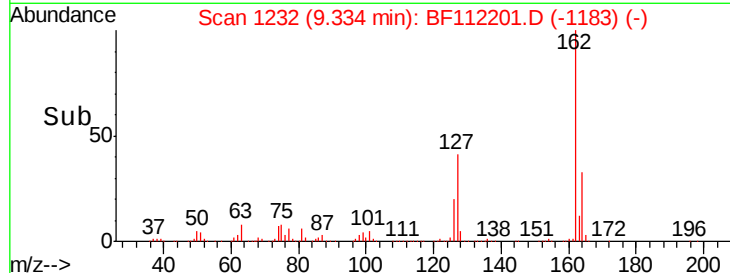
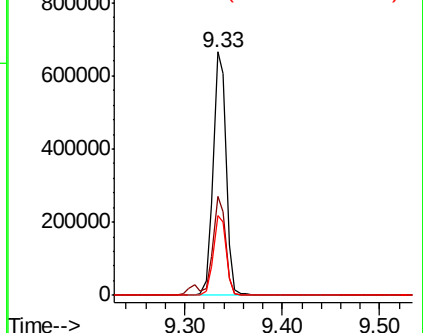
#47
 2-Chloronaphthalene
 Concen: 27.320 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 612578
 Ion Ratio Lower Upper
 162 100
 127 40.9 30.4 45.6
 164 32.8 27.4 41.2

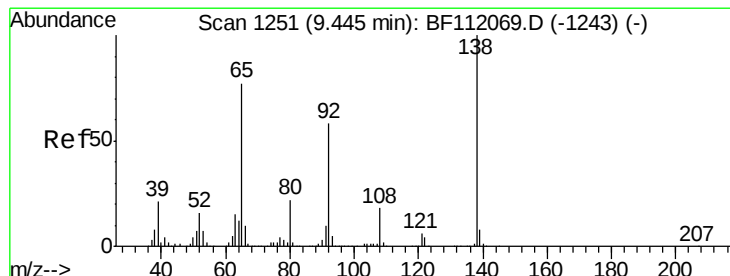


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

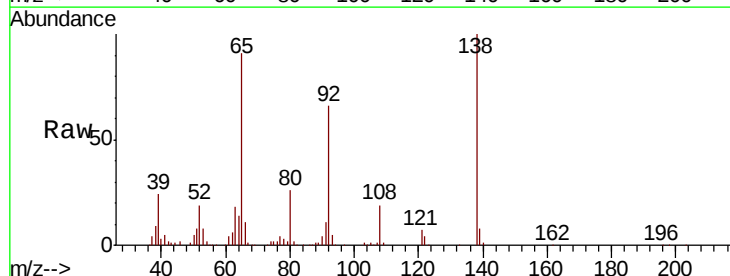
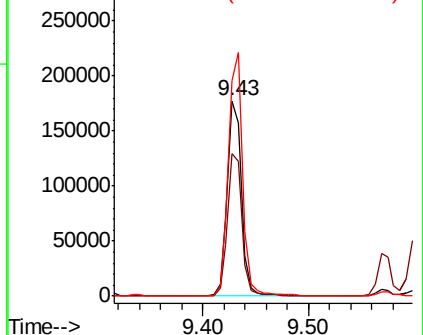


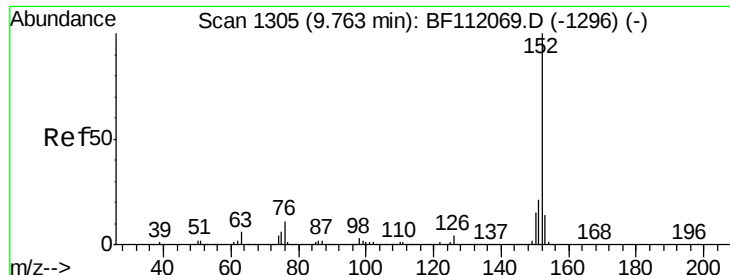
#48
 2-Nitroaniline
 Concen: 33.269 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion: 65 Resp: 168022
 Ion Ratio Lower Upper
 65 100
 92 73.0 60.4 90.6
 138 110.1 104.4 156.6



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





#49

Acenaphthylene

Concen: 30.410 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

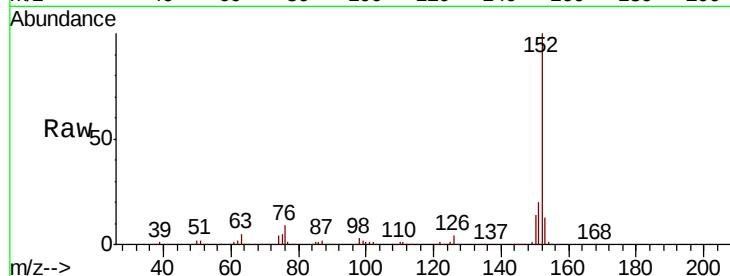
Tot Ion:152 Resp: 995025

Ion Ratio Lower Upper

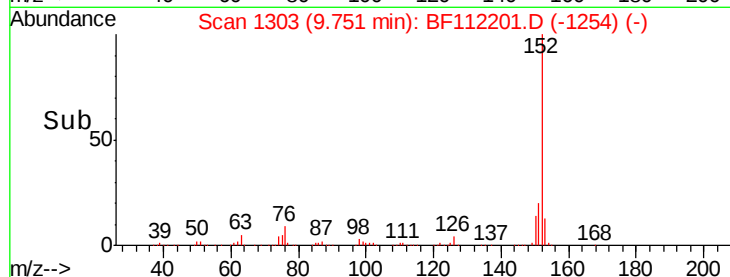
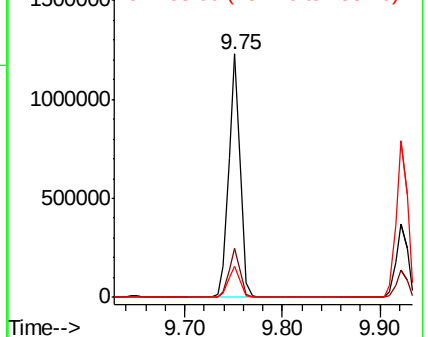
152 100

151 20.1 17.0 25.6

153 13.0 11.2 16.8



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



#50

Dimethylphthalate

Concen: 33.467 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

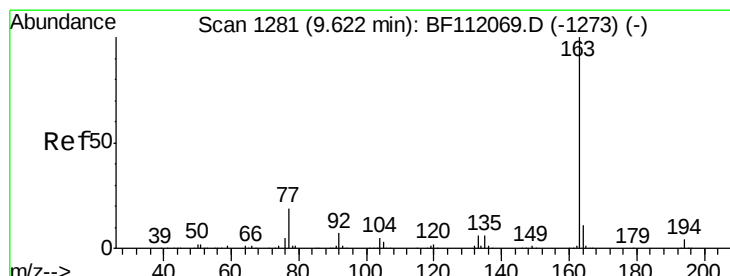
Tgt Ion:163 Resp: 836102

Ion Ratio Lower Upper

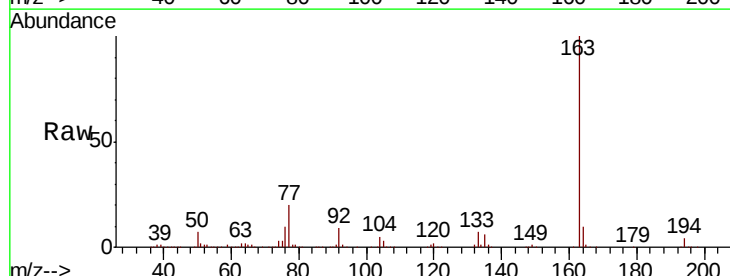
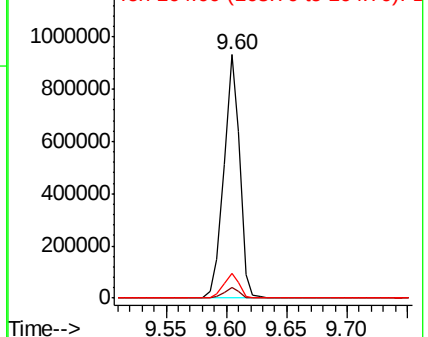
163 100

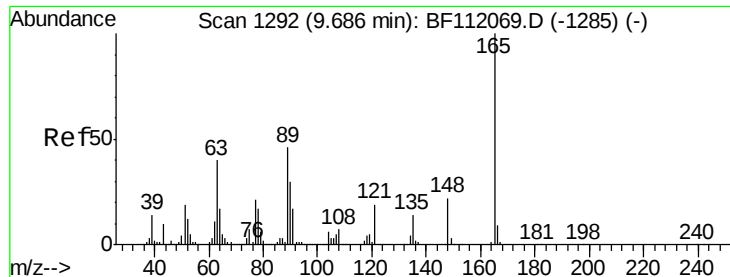
194 4.2 3.3 4.9

164 10.3 8.5 12.7



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

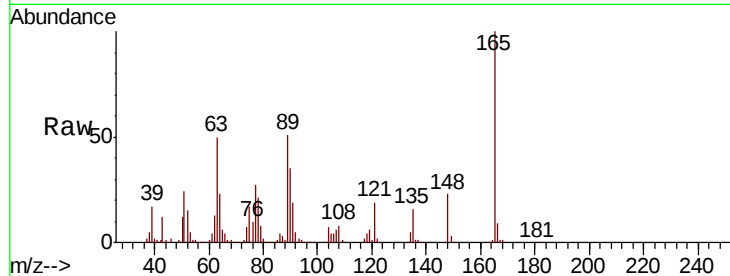




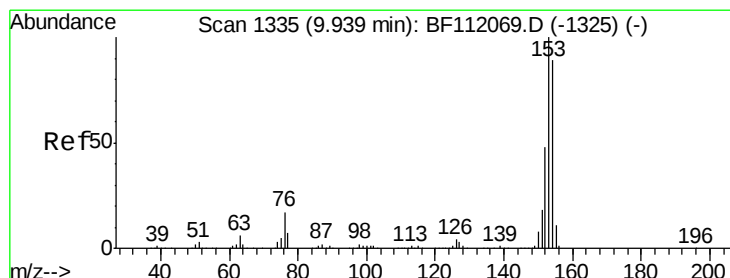
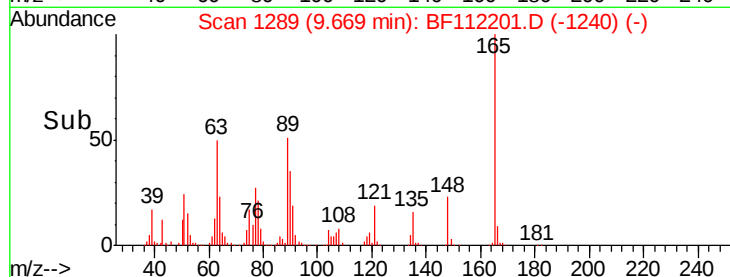
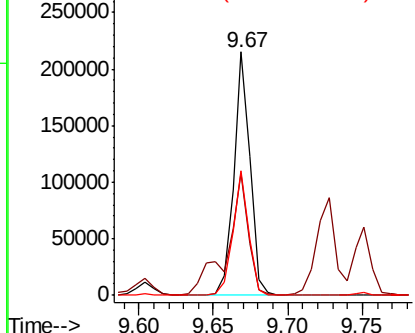
#51
 2,6-Dinitrotoluene
 Concen: 33.245 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 165868
 Ion Ratio Lower Upper
 165 100
 63 50.4 33.8 50.8
 89 51.4 36.9 55.3

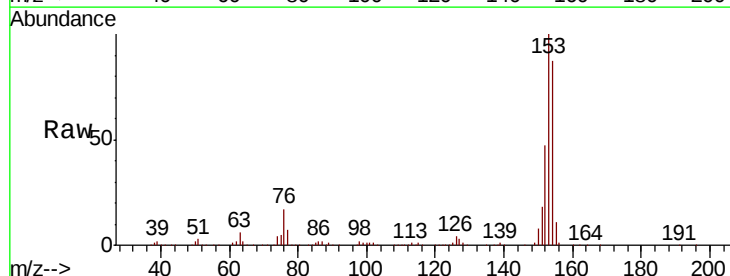


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

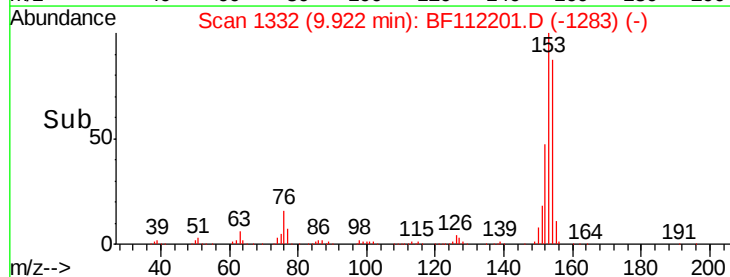
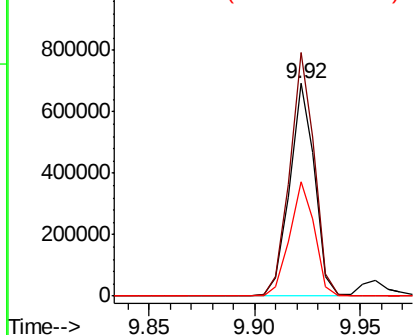


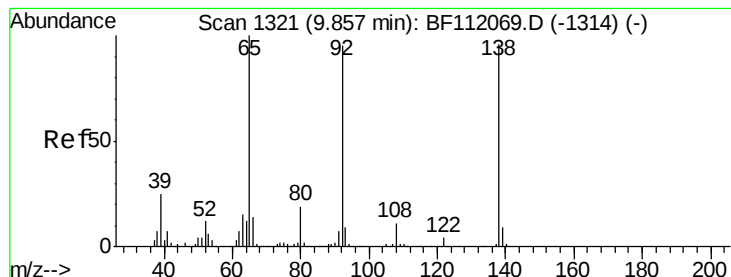
#52
 Acenaphthene
 Concen: 28.444 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion:154 Resp: 569431
 Ion Ratio Lower Upper
 154 100
 153 114.6 89.8 134.6
 152 53.7 43.5 65.3



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





#53

3-Nitroaniline

Concen: 27.827 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

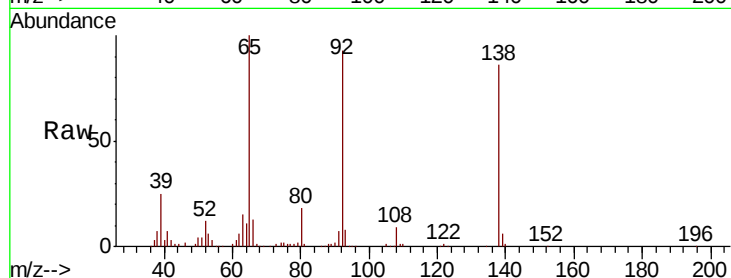
Tot Ion:138 Resp: 155252

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.6

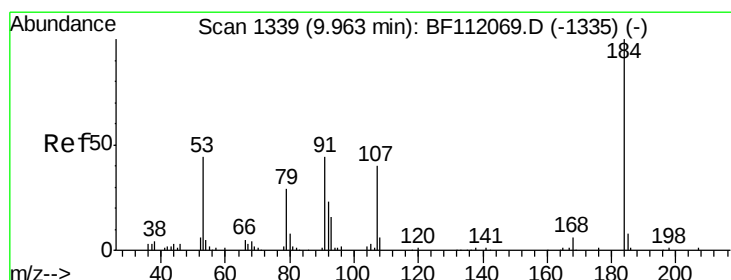
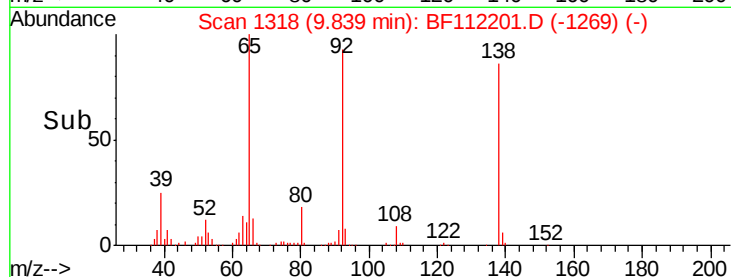
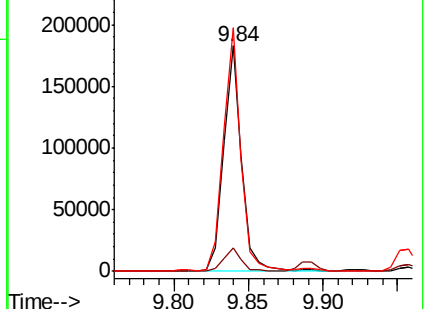
92 108.0 79.4 119.2



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



#54

2,4-Dinitrophenol

Concen: 61.041 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

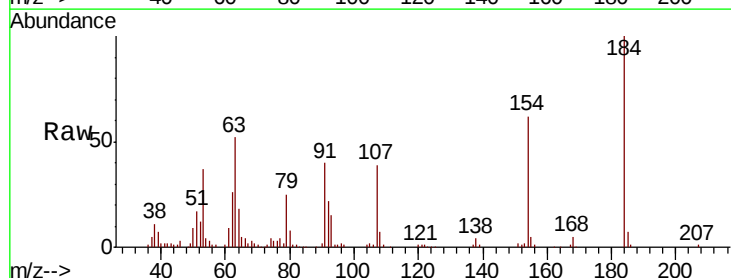
Tgt Ion:184 Resp: 84243

Ion Ratio Lower Upper

184 100

63 52.4 47.1 70.7

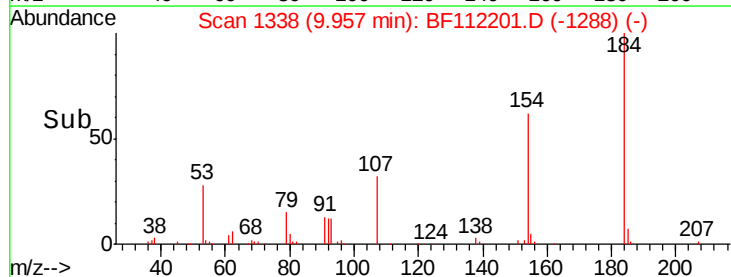
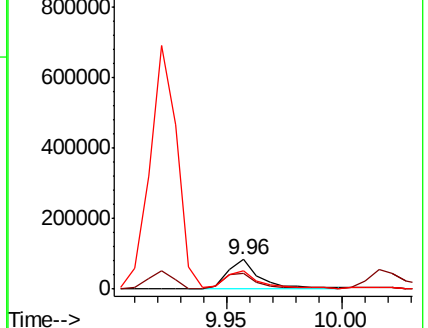
154 62.3 48.9 73.3

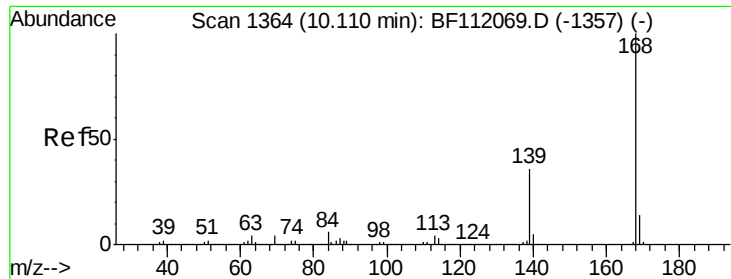


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 29.264 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

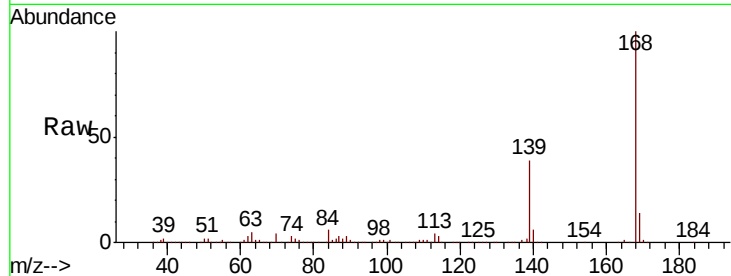
Tot Ion:168 Resp: 885960

Ion Ratio Lower Upper

168 100

139 39.2 29.2 43.8

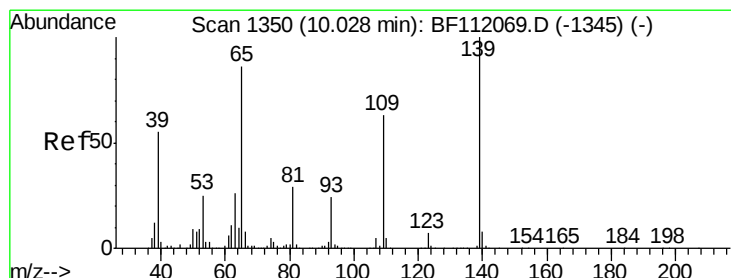
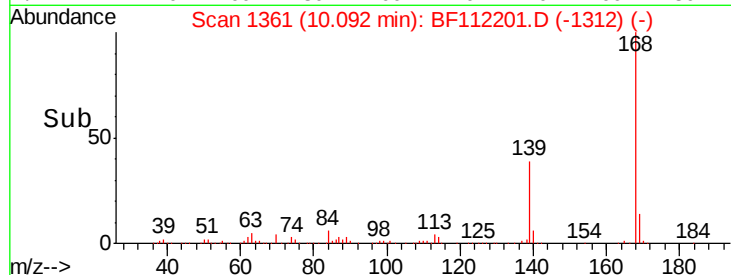
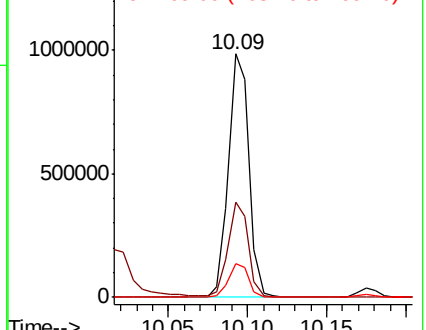
169 13.6 11.4 17.0



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



#56

4-Nitrophenol

Concen: 55.811 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

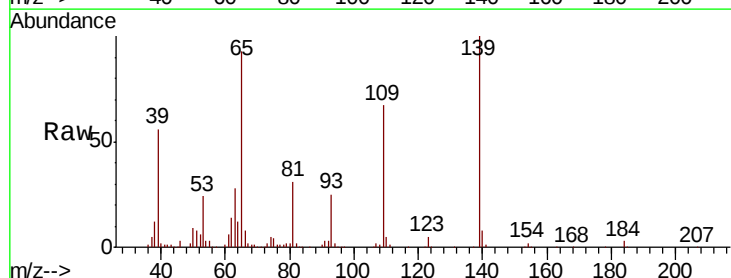
Tgt Ion:139 Resp: 215216

Ion Ratio Lower Upper

139 100

109 67.0 42.8 82.8

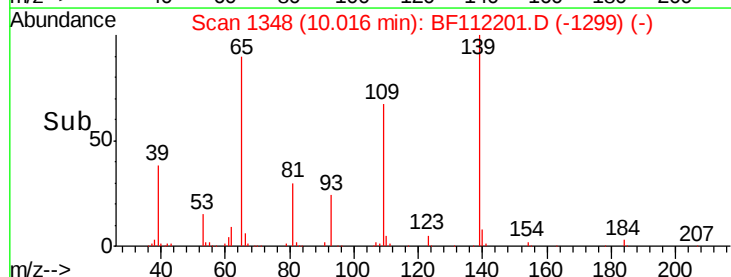
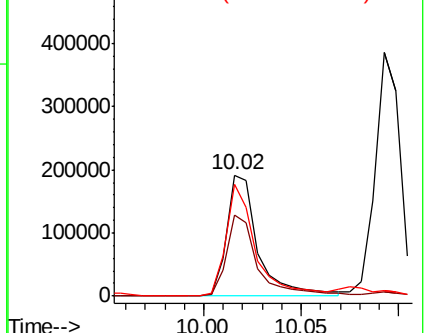
65 92.5 66.1 106.1

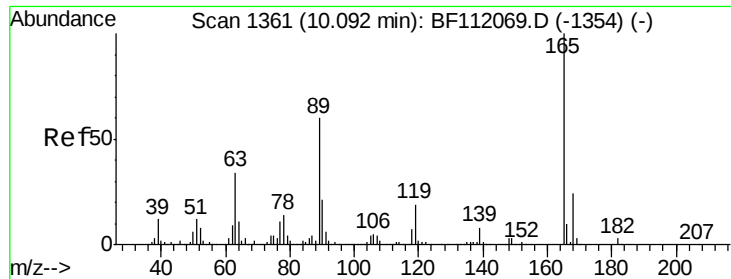


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

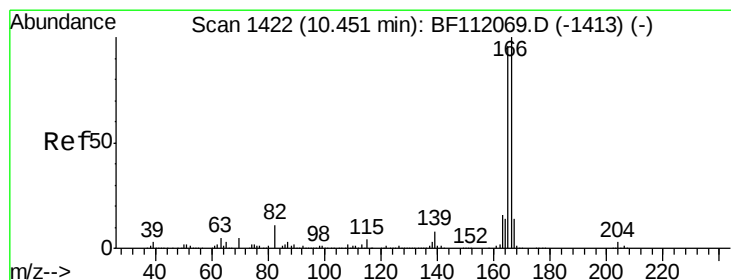
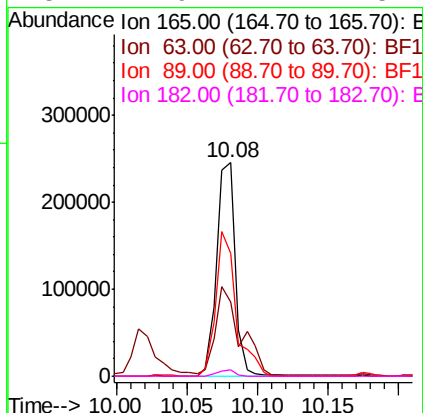
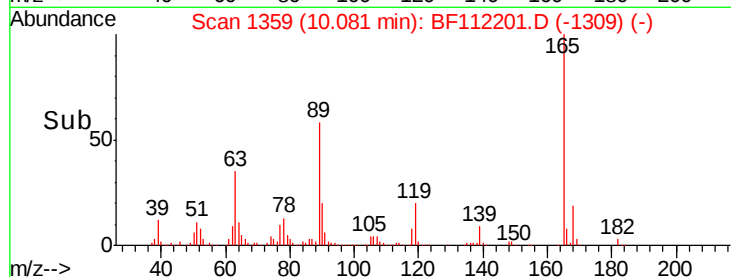
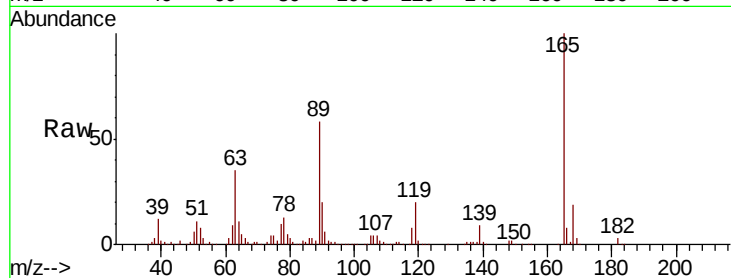




#57
2,4-Dinitrotoluene
Concen: 36.549 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

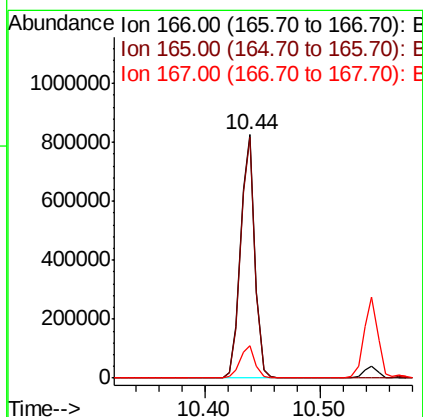
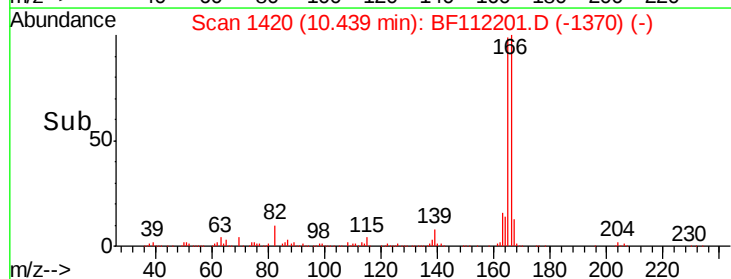
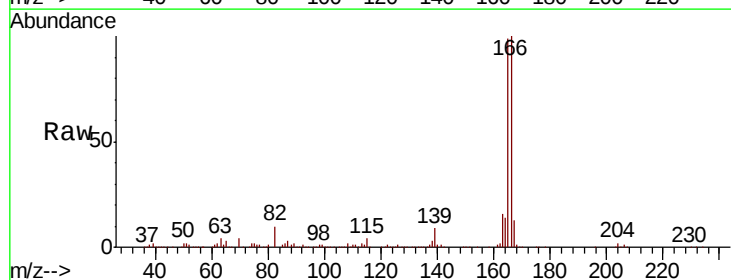
Instrument :
BNA_F
ClientSampleId :

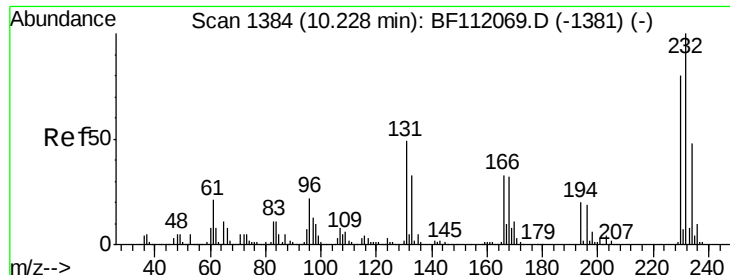
Tot Ion:	165	Resp:	226339
Ion	Ratio	Lower	Upper
165	100		
63	34.8	27.9	41.9
89	57.7	47.9	71.9
182	2.9	2.2	3.4



#58
Fluorene
Concen: 31.222 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:	166	Resp:	706245
Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.1	115.7
167	13.3	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 30.239 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 159933

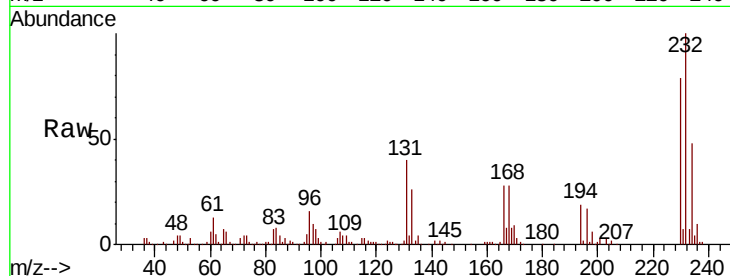
Ion Ratio Lower Upper

232 100

131 47.3 33.9 50.9

130 2.5 1.8 2.6

166 31.2 23.6 35.4

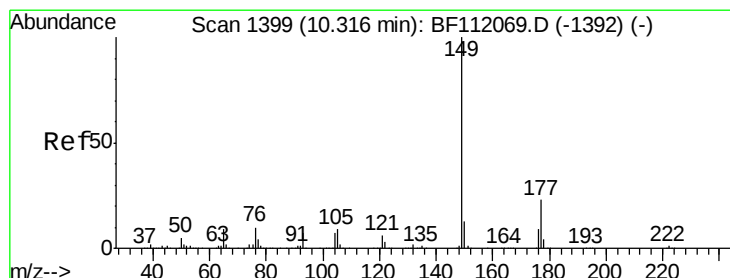
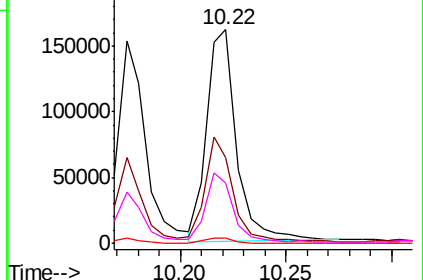
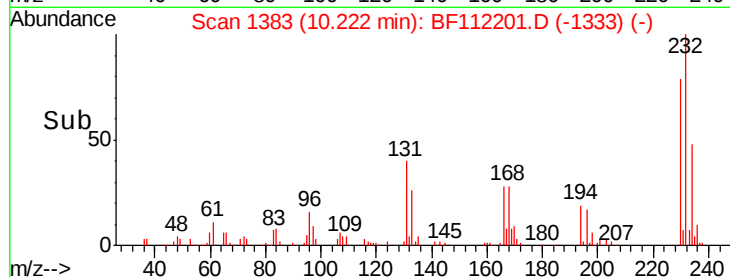


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 31.158 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

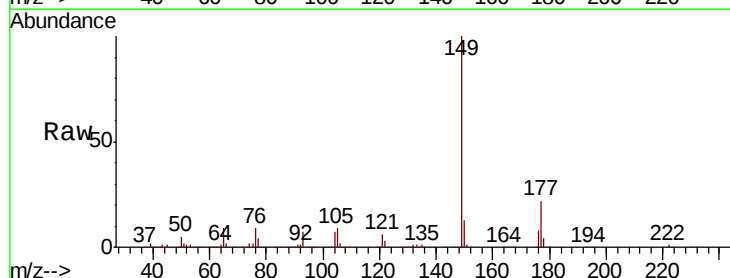
Tgt Ion:149 Resp: 759852

Ion Ratio Lower Upper

149 100

177 21.8 18.2 27.2

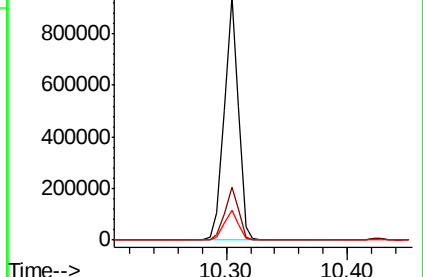
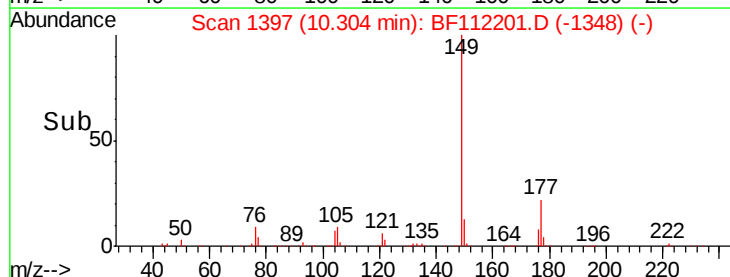
150 12.5 10.4 15.6

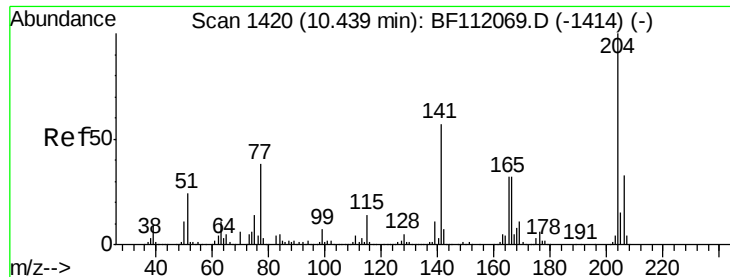


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

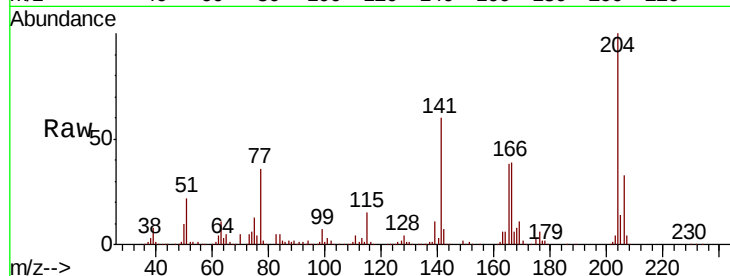




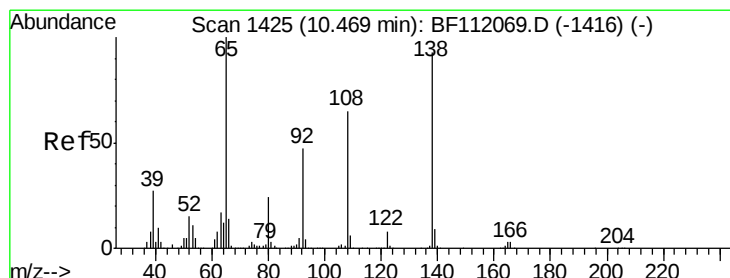
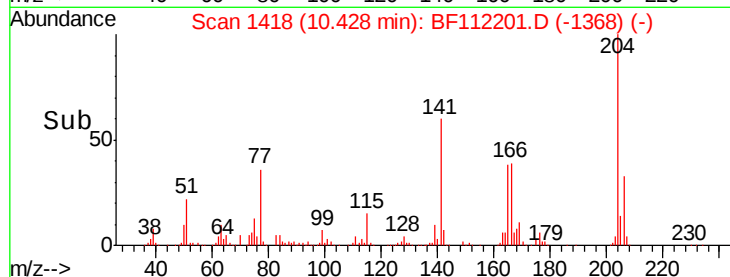
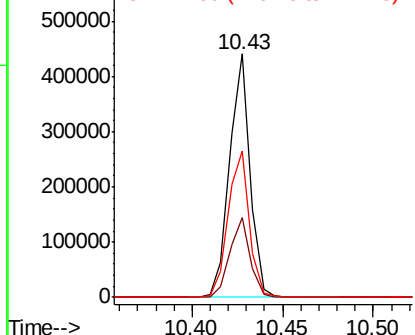
#61
4-Chlorophenyl-phenylether
Concen: 28.469 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 347495
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 60.2 45.9 68.9

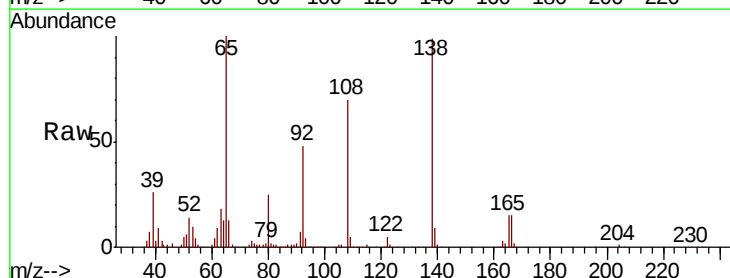


Abundance Ion 204.00 (203.70 to 204.70): E
600000 Ion 206.00 (205.70 to 206.70): E
500000 Ion 141.00 (140.70 to 141.70): E

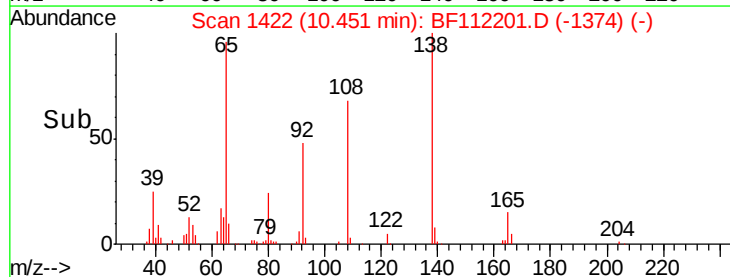
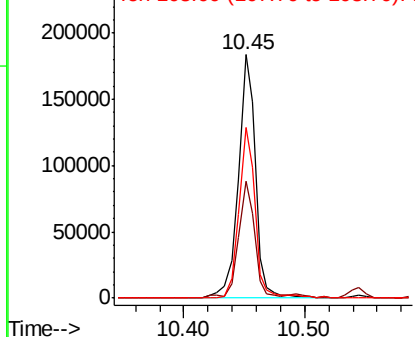


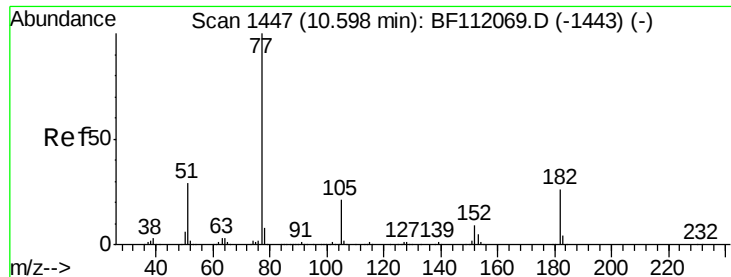
#62
4-Nitroaniline
Concen: 32.977 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:138 Resp: 182695
Ion Ratio Lower Upper
138 100
92 48.0 30.6 70.6
108 70.1 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
250000 Ion 92.00 (91.70 to 92.70): BF1
200000 Ion 108.00 (107.70 to 108.70): E

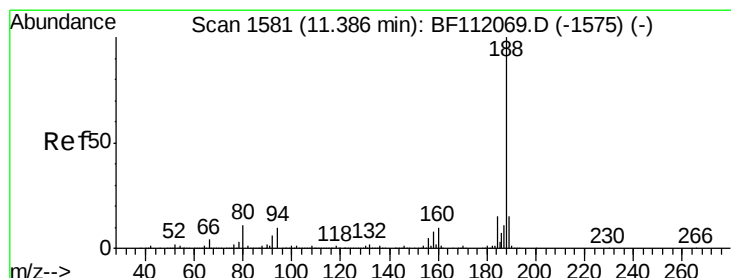
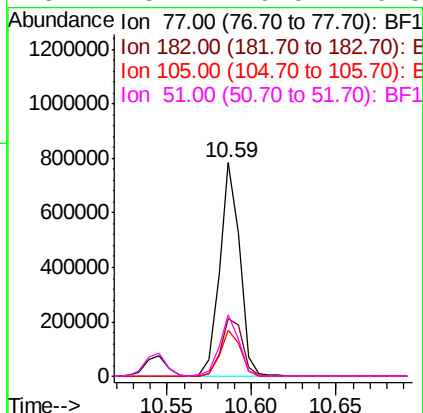
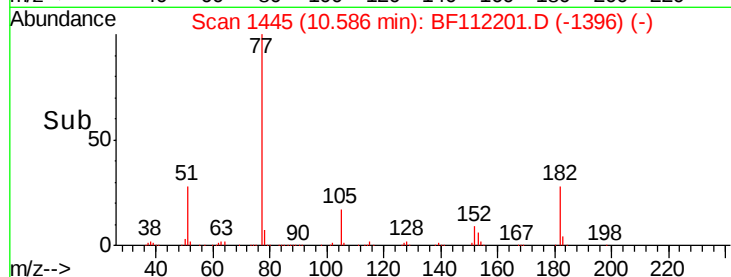
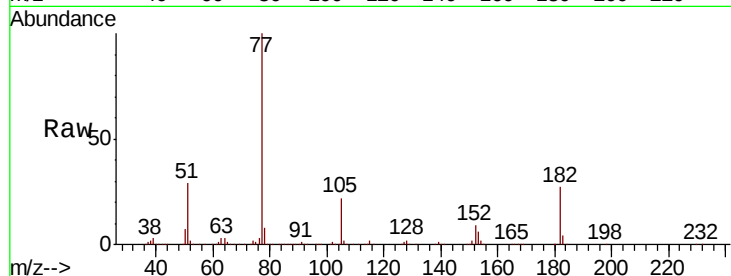




#63
Azobenzene
Concen: 27.715 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

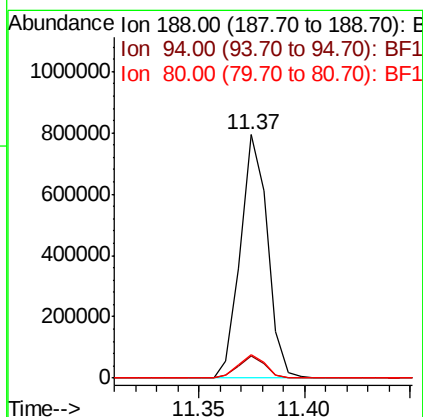
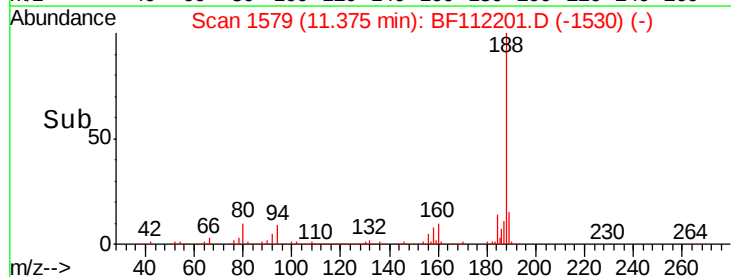
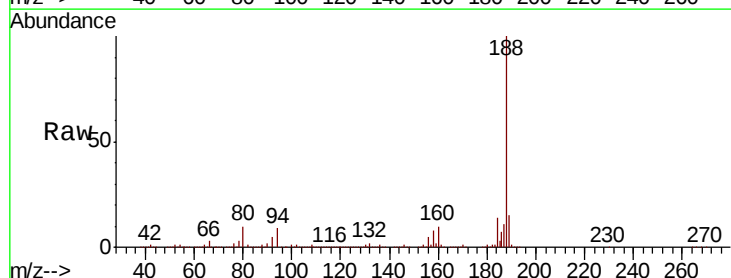
Instrument :
BNA_F
ClientSampleId :

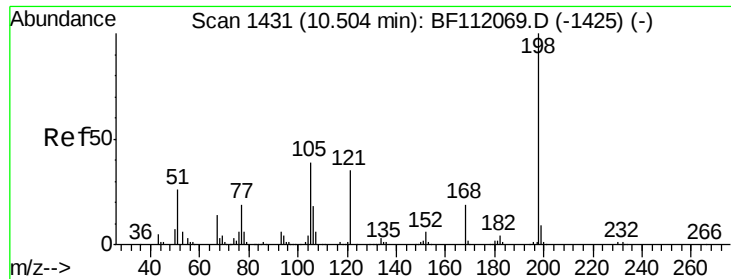
Tot Ion:	77	Resp:	647242
Ion	Ratio	Lower	Upper
77	100		
182	27.1	5.7	45.7
105	21.9	1.4	41.4
51	28.7	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:	188	Resp:	705376
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.8	8.9	13.3

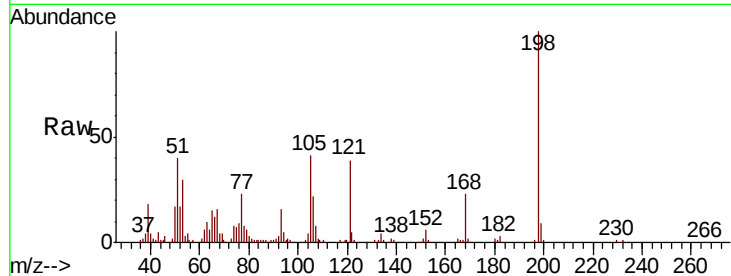




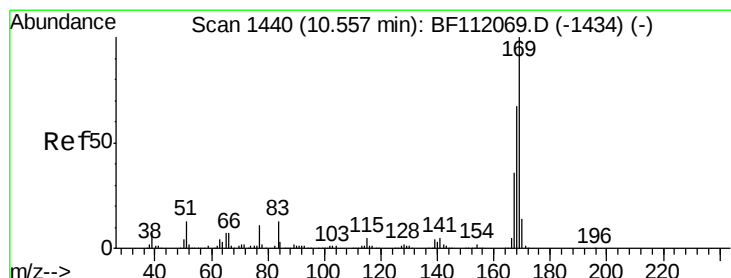
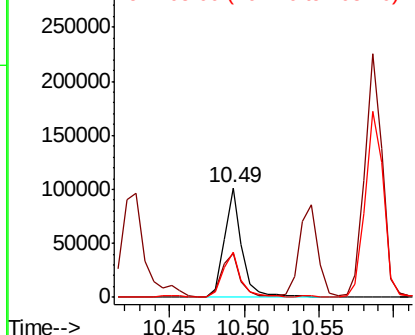
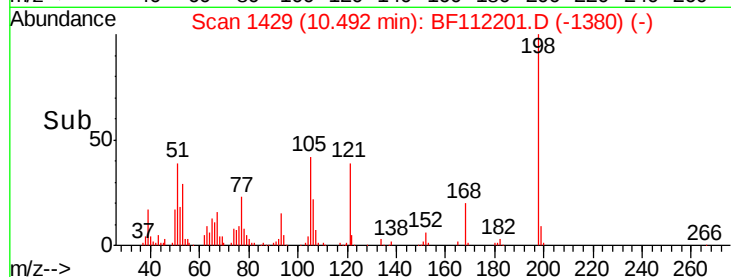
#65
4,6-Dinitro-2-methylphenol
Concen: 32.950 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 85182
Ion Ratio Lower Upper
198 100
51 39.5 17.2 57.2
105 41.5 21.9 61.9

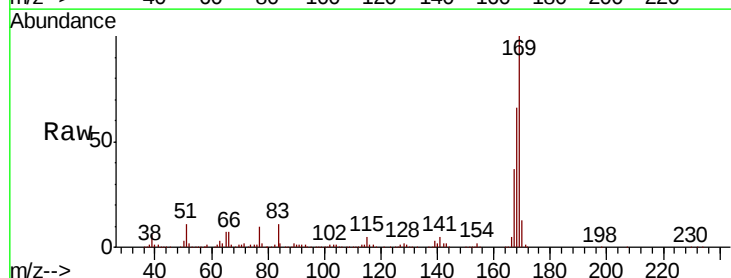


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

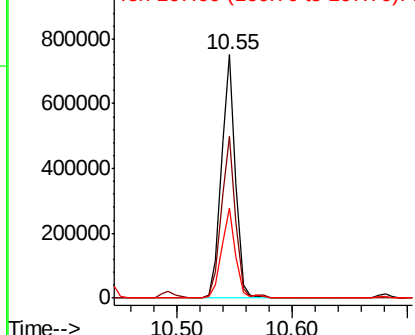
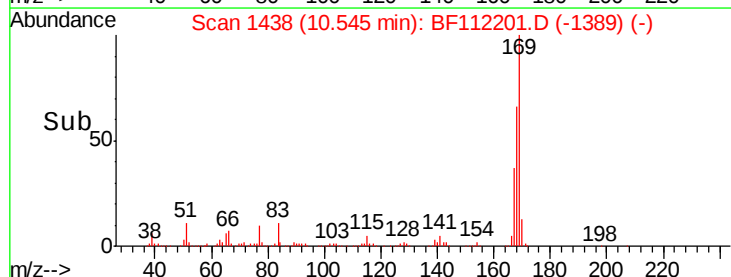


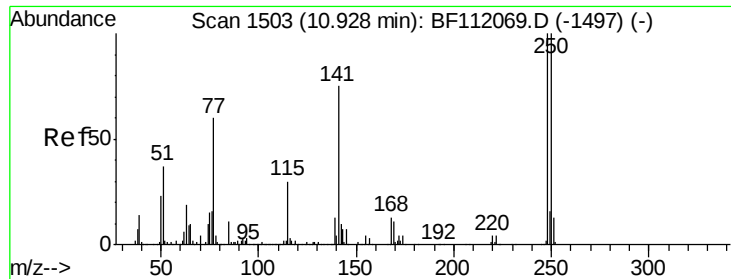
#66
n-Nitrosodiphenylamine
Concen: 27.071 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:169 Resp: 631273
Ion Ratio Lower Upper
169 100
168 66.4 53.9 80.9
167 36.9 28.9 43.3



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

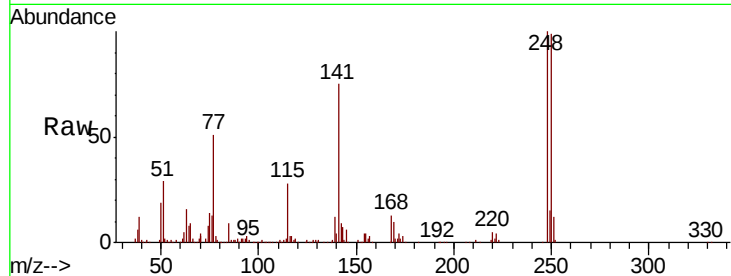




#67
4-Bromophenyl-phenylether
Concen: 26.220 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.7	119.5
141	74.9	60.3	90.5

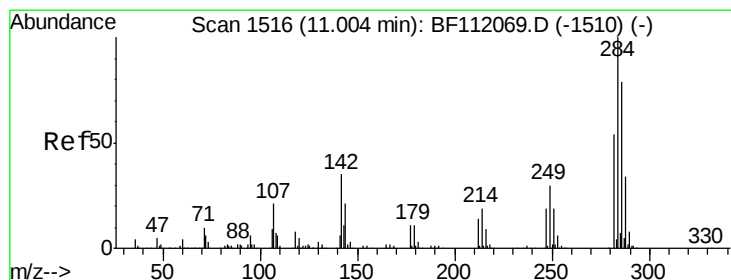
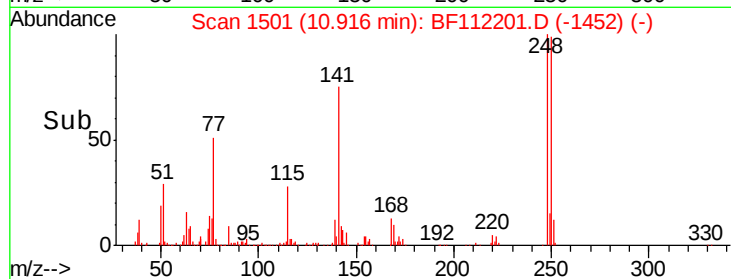
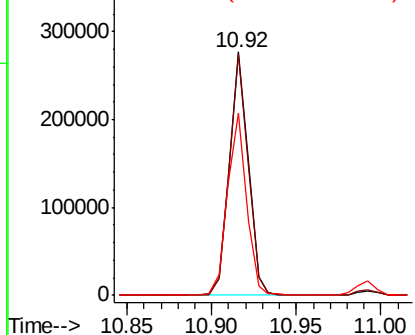


Abundance

Ion 248.00 (247.70 to 248.70): E

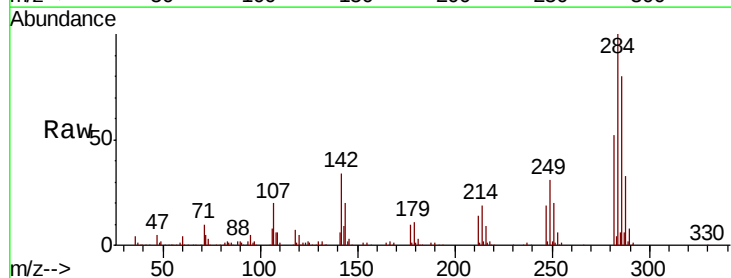
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 26.511 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	27.6	41.4
249	30.9	24.1	36.1

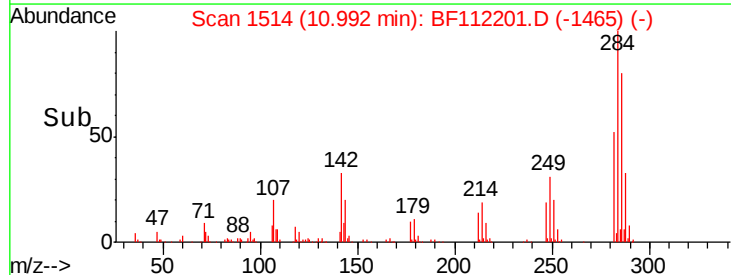
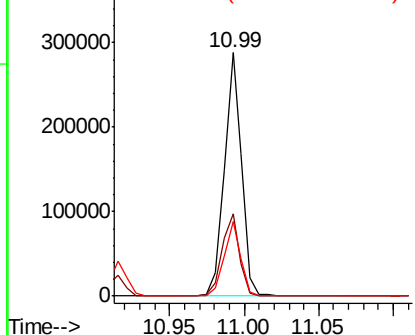


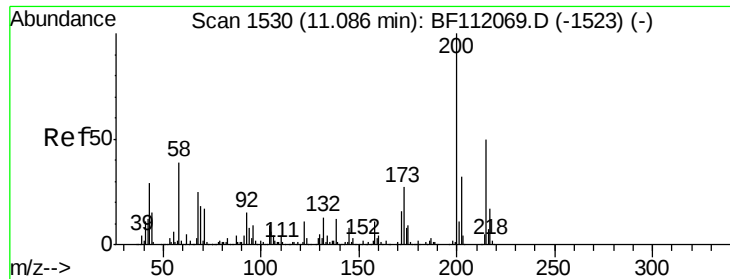
Abundance

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

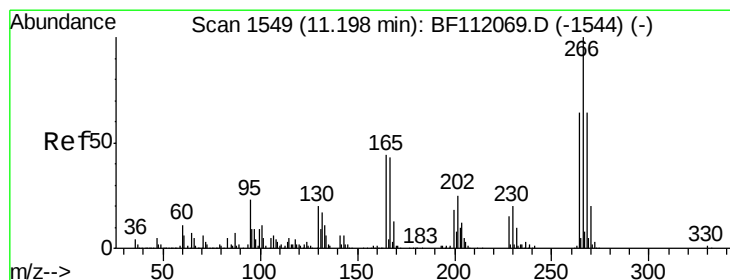
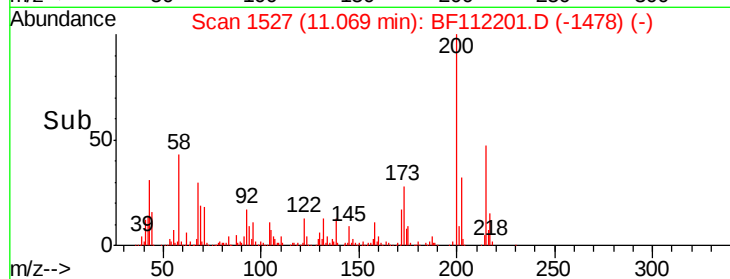
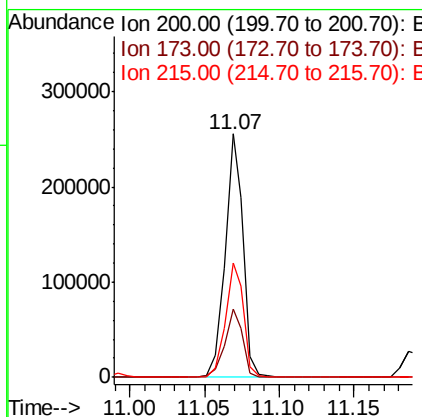
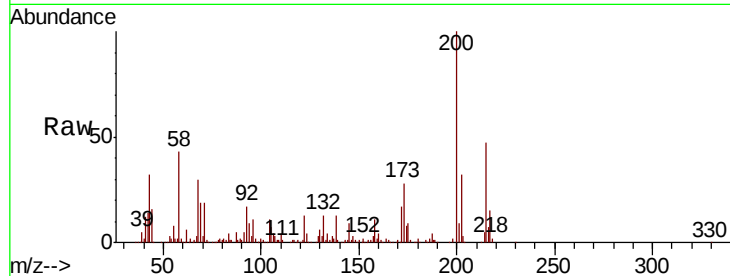




#69
Atrazine
Concen: 28.808 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

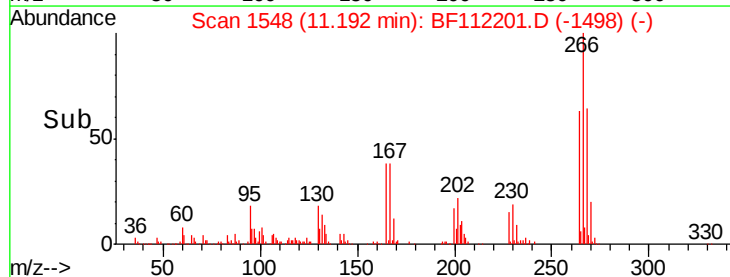
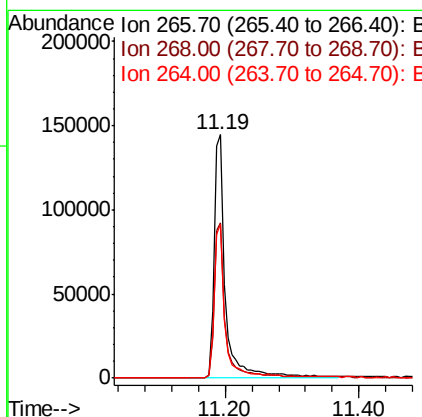
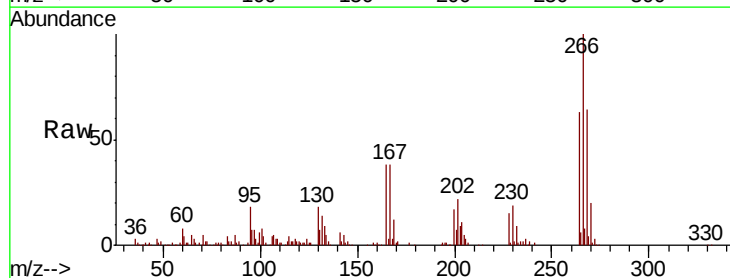
Instrument :
BNA_F
ClientSampleId :

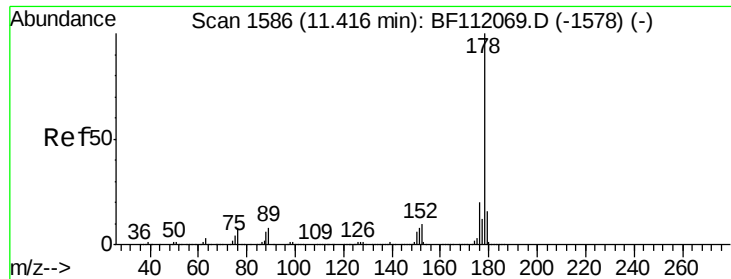
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.1	47.1
215	46.8	30.4	70.4



#70
Pentachlorophenol
Concen: 44.237 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	63.1	50.9	76.3

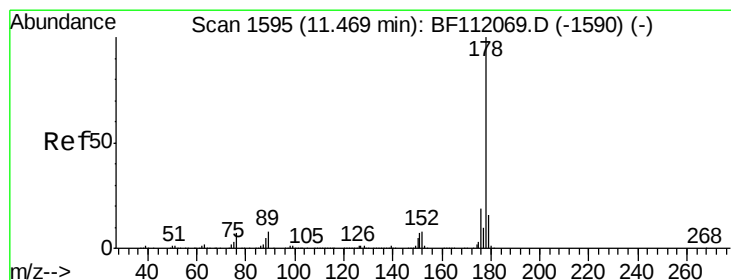
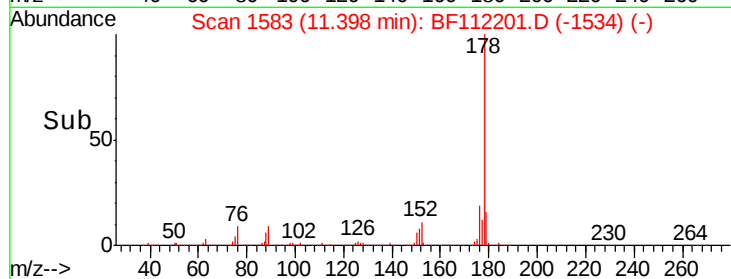
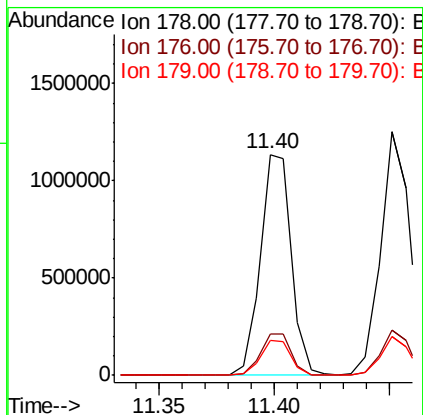
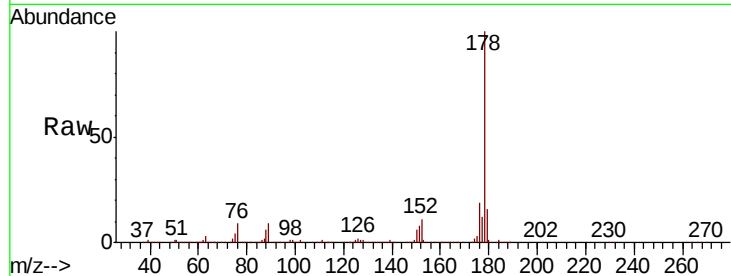




#71
Phenanthrene
Concen: 29.884 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

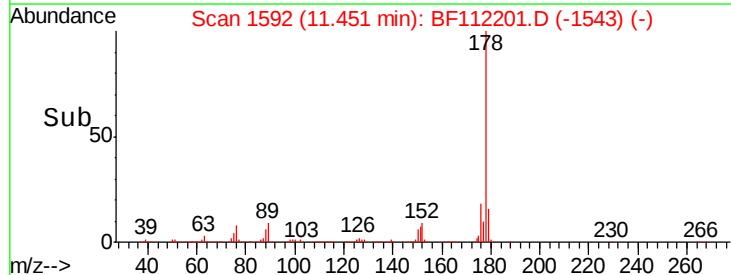
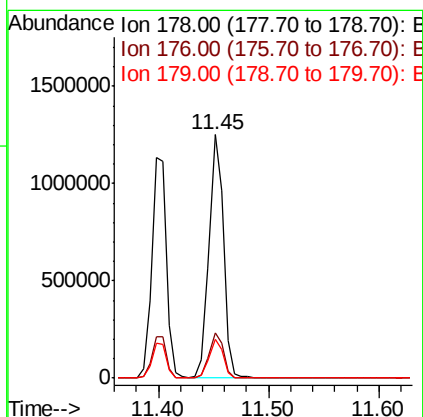
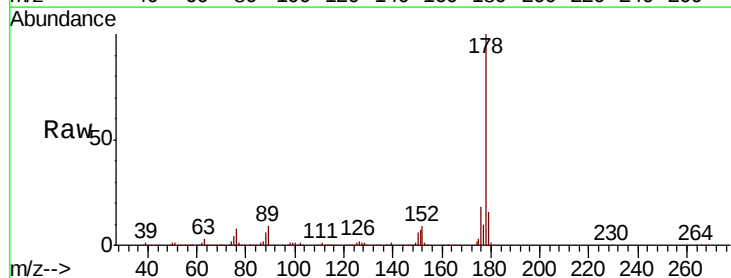
Instrument :
BNA_F
ClientSampleId :

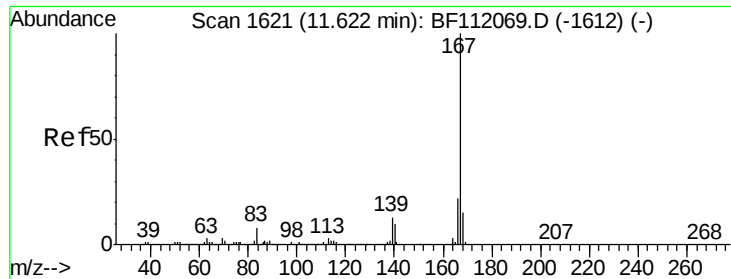
Tot Ion:178 Resp: 1060824
Ion Ratio Lower Upper
178 100
176 18.8 16.3 24.5
179 15.8 13.0 19.4



#72
Anthracene
Concen: 30.582 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:178 Resp: 1099731
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 16.0 12.8 19.2

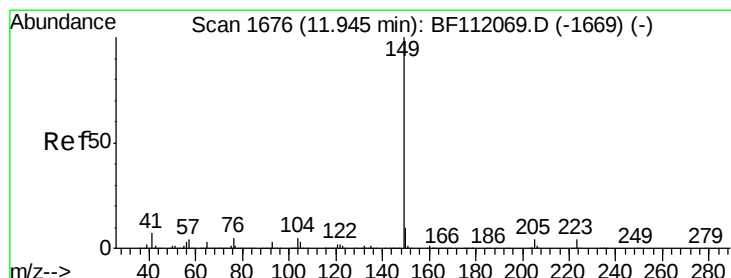
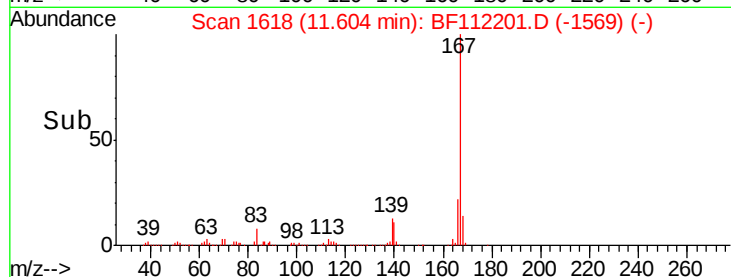
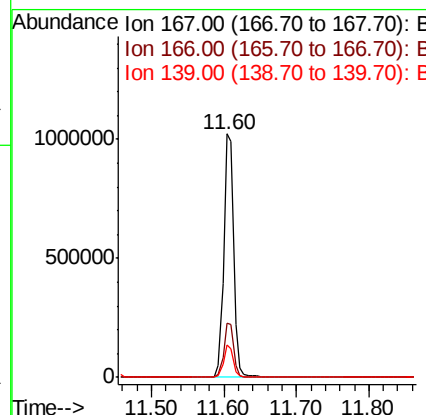
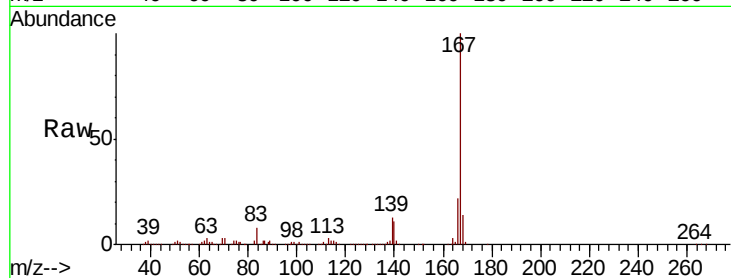




#73
 Carbazole
 Concen: 27.313 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

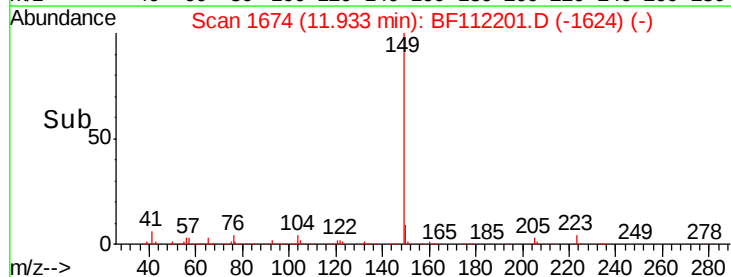
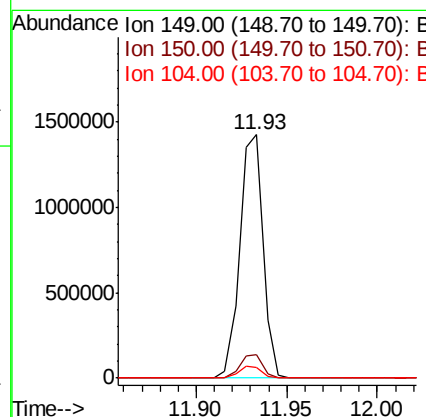
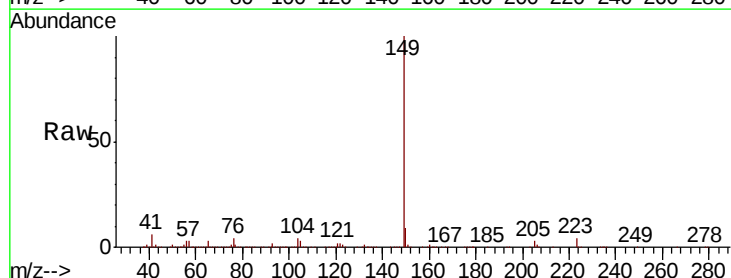
Instrument :
 BNA_F
 ClientSampleId :

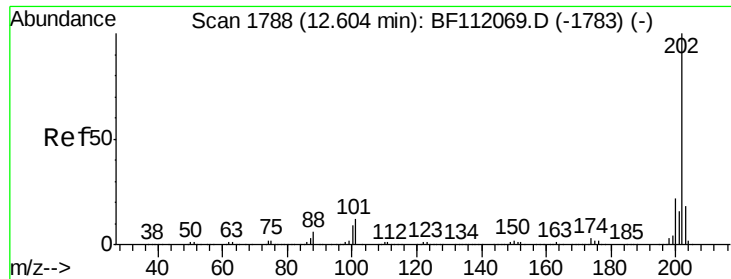
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 31.507 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.2	3.9	5.9

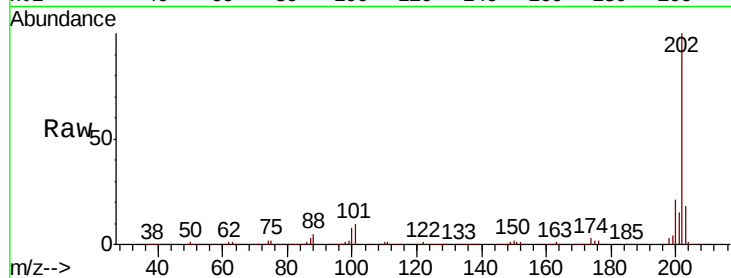




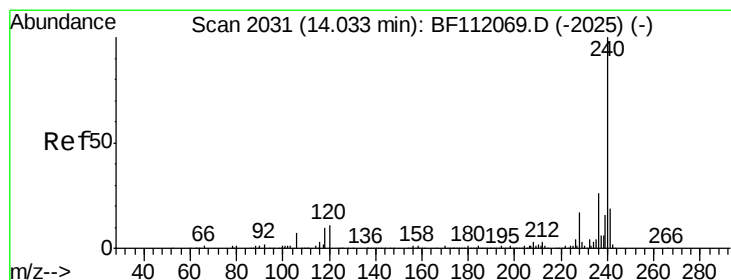
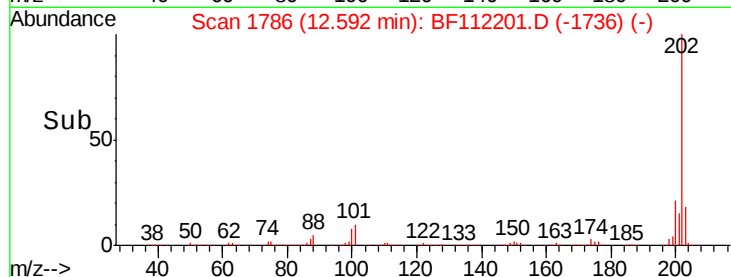
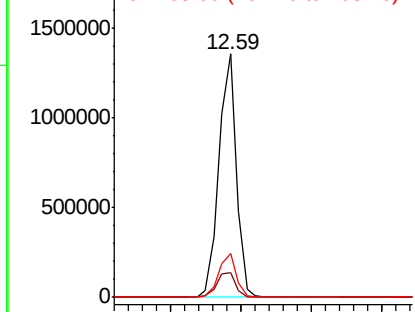
#75
 Fluoranthene
 Concen: 31.099 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1165615
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.8
 203 18.0 0.0 38.4

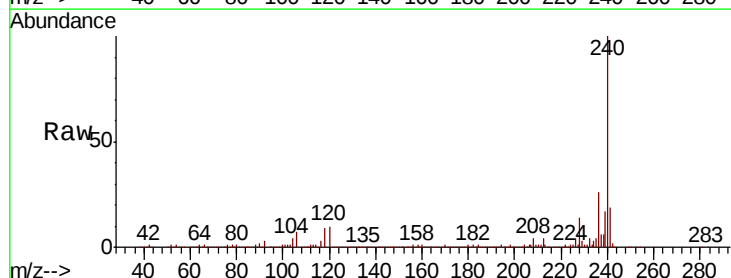


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

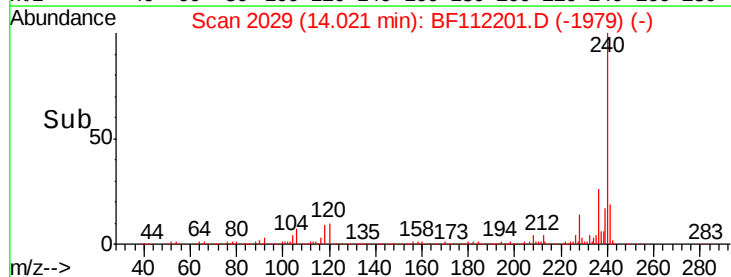
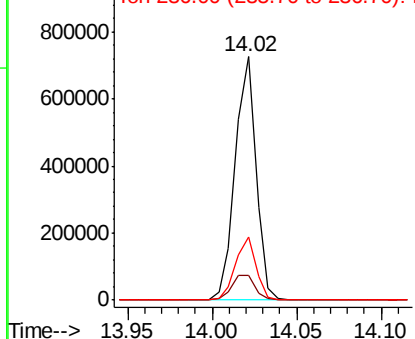


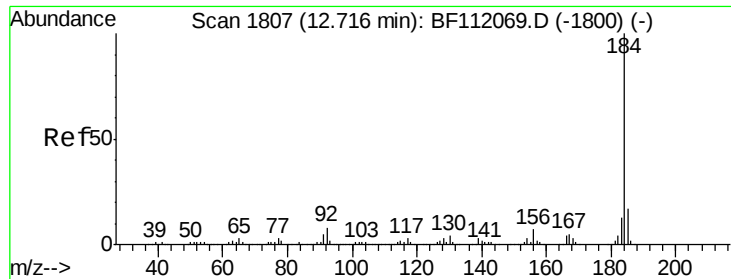
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112201.D
 Acq: 23 Jan 2019 14:57

Tgt Ion:240 Resp: 623533
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.0 13.6
 236 25.9 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





#77

Benzidine

Concen: 9.780 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

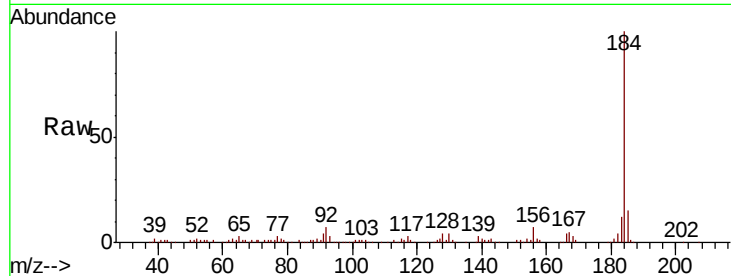
Tot Ion:184 Resp: 203457

Ion Ratio Lower Upper

184 100

185 14.5 13.9 20.9

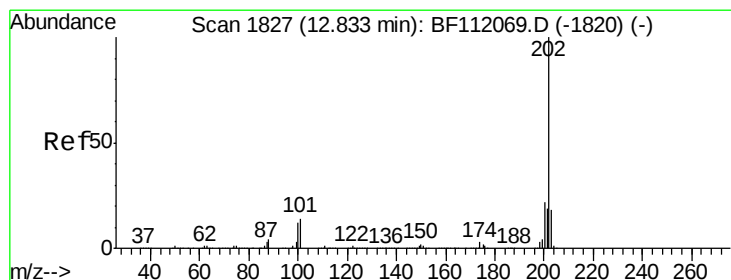
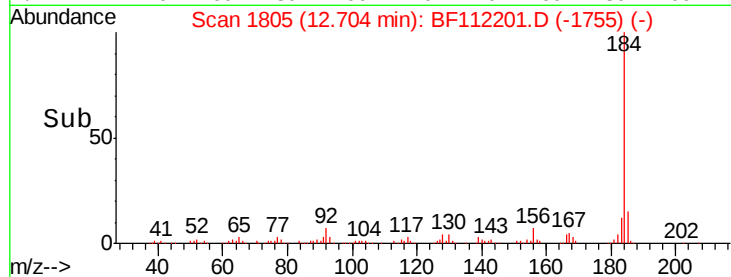
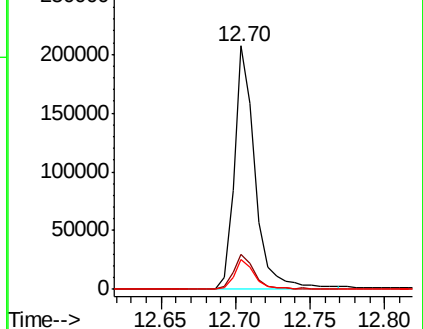
183 12.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 28.758 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

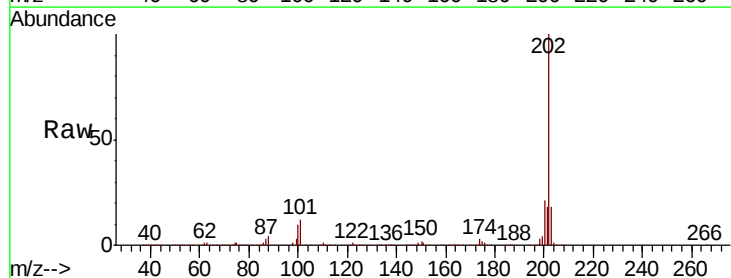
Tgt Ion:202 Resp: 1183068

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

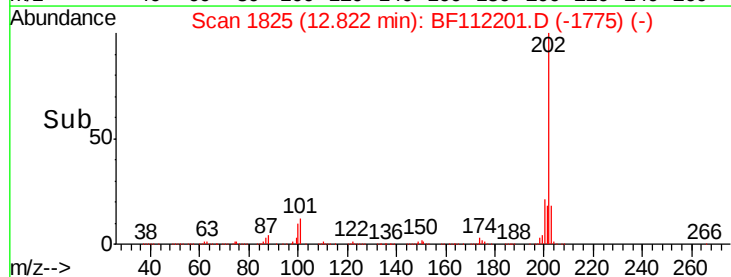
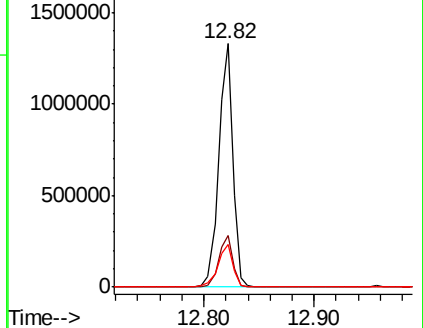
203 17.8 14.6 22.0

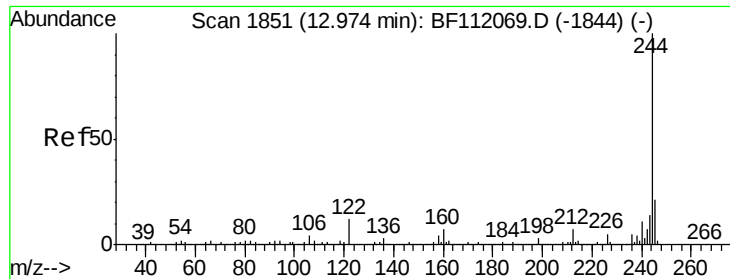


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.454 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampled :

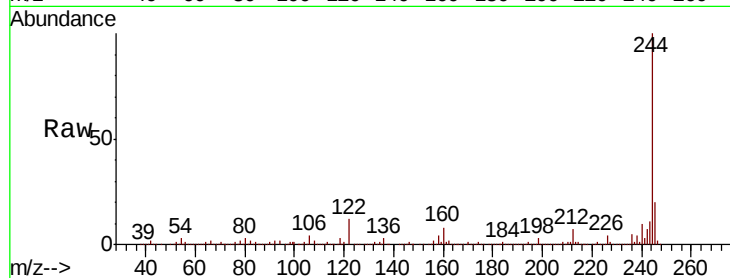
Tot Ion:244 Resp: 1830512

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

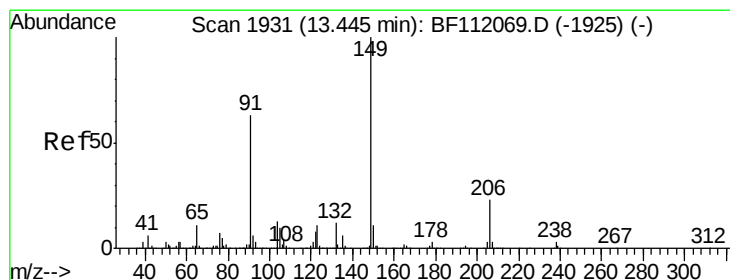
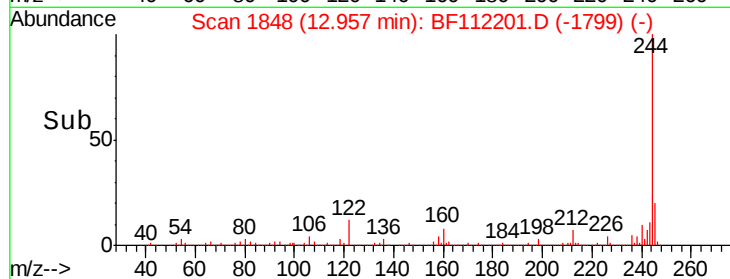
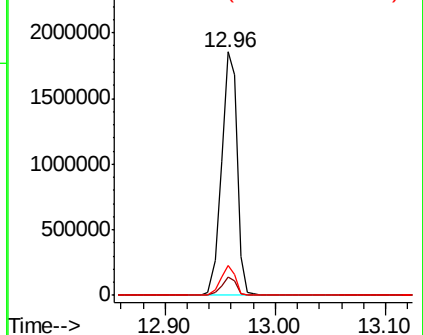
122 12.5 9.8 14.6



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



#80

Butylbenzylphthalate

Concen: 31.712 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

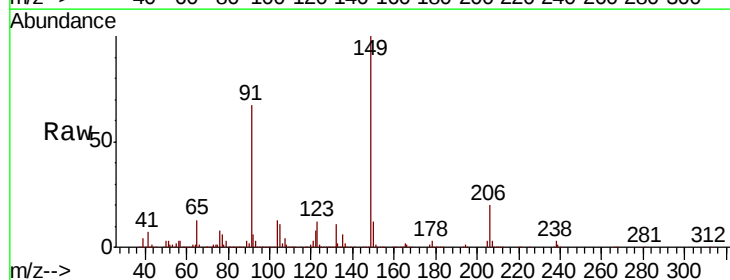
Tgt Ion:149 Resp: 572328

Ion Ratio Lower Upper

149 100

91 66.8 50.3 75.5

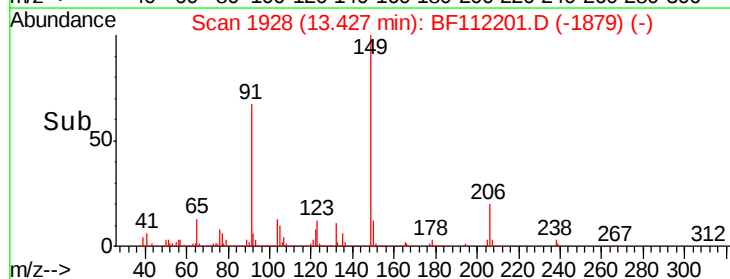
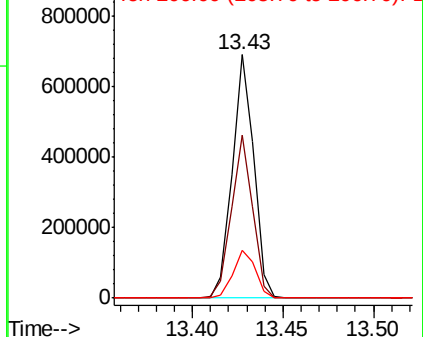
206 19.9 18.2 27.4

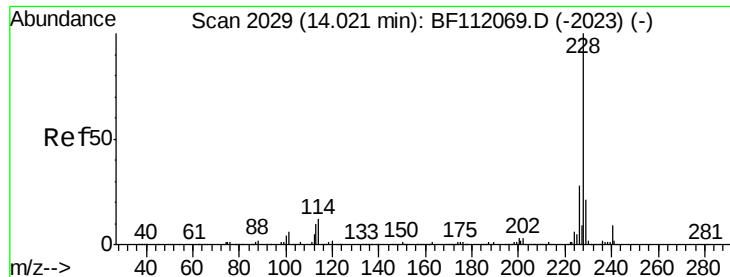


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

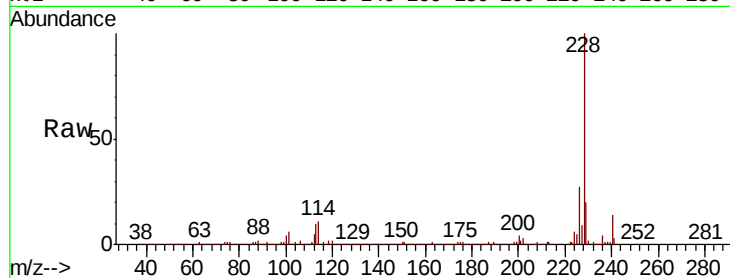




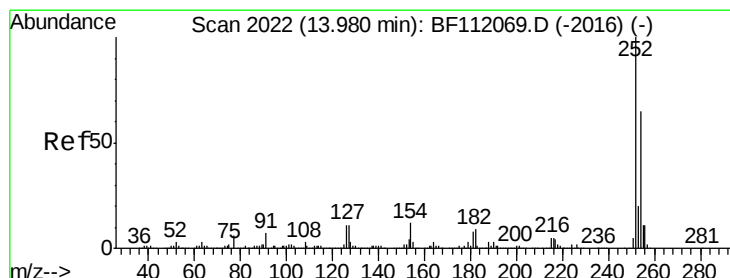
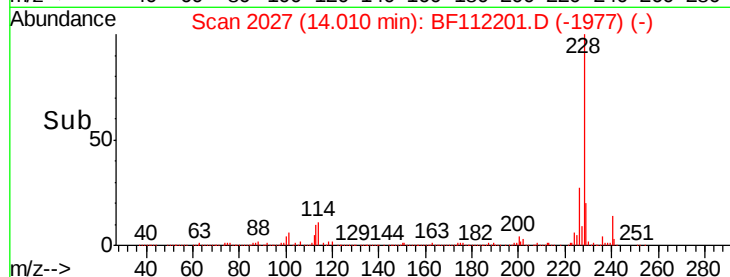
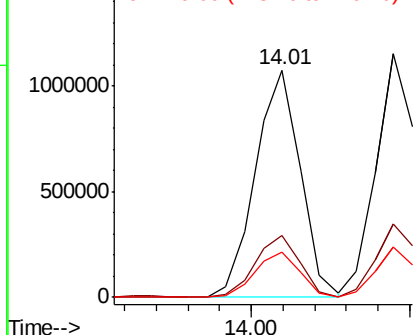
#81
Benzo(a)anthracene
Concen: 29.582 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1057591
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 20.1 16.5 24.7

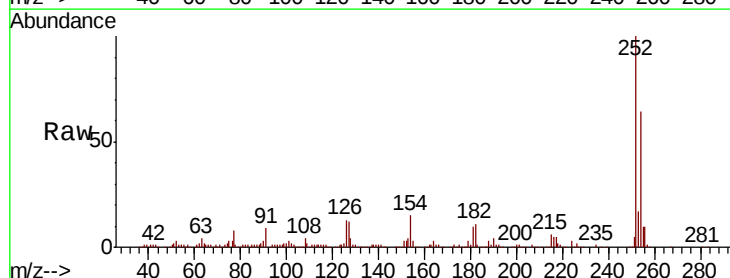


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

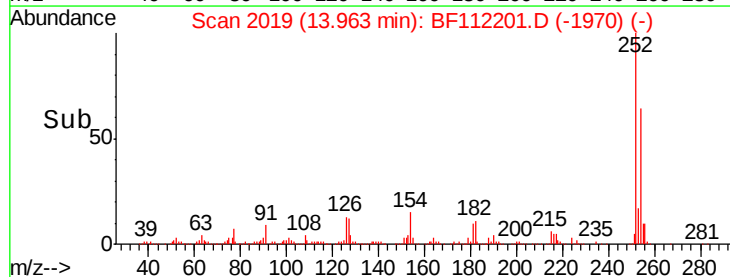
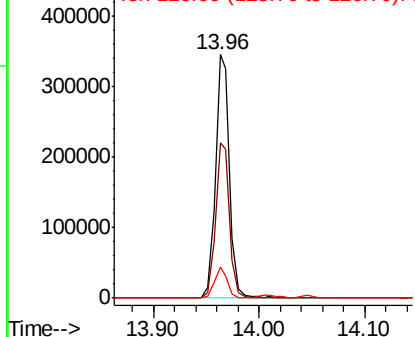


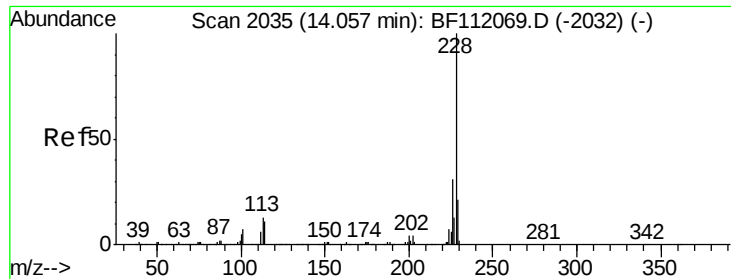
#82
3,3'-Dichlorobenzidine
Concen: 24.368 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:252 Resp: 326266
Ion Ratio Lower Upper
252 100
254 63.9 51.6 77.4
126 12.8 8.6 12.8



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





#83

Chrvsene

Concen: 29.555 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

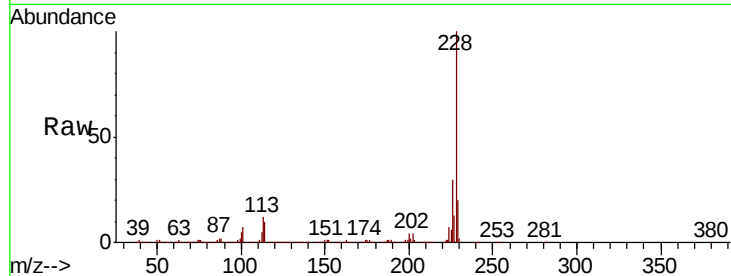
Tot Ion:228 Resp: 999832

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

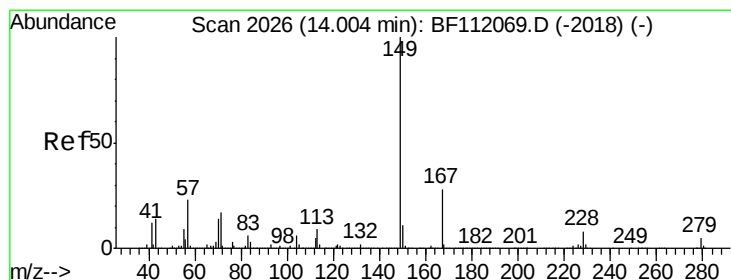
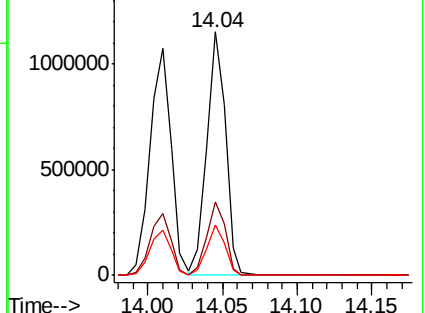
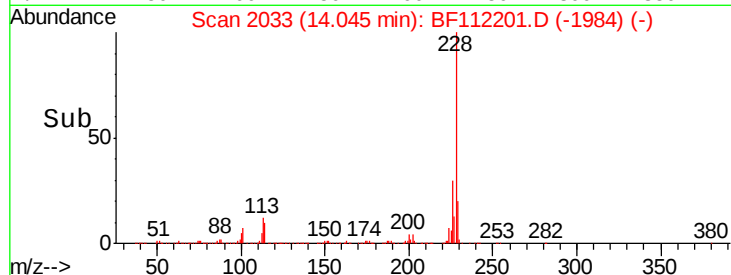
229 20.4 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.991 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

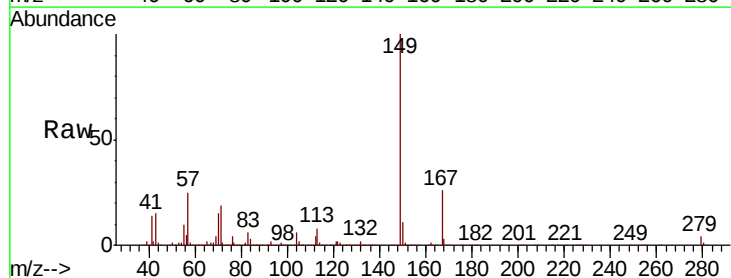
Tgt Ion:149 Resp: 827450

Ion Ratio Lower Upper

149 100

167 26.2 22.5 33.7

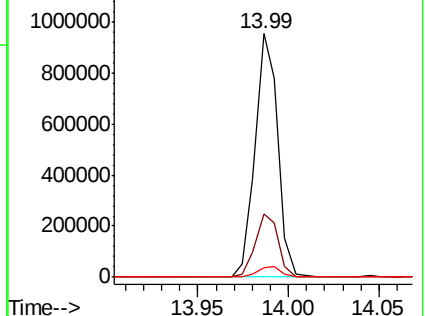
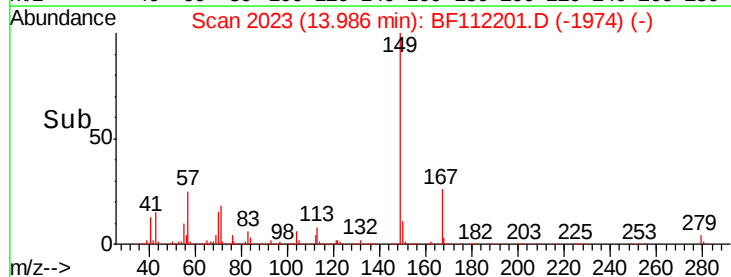
279 3.9 3.8 5.6

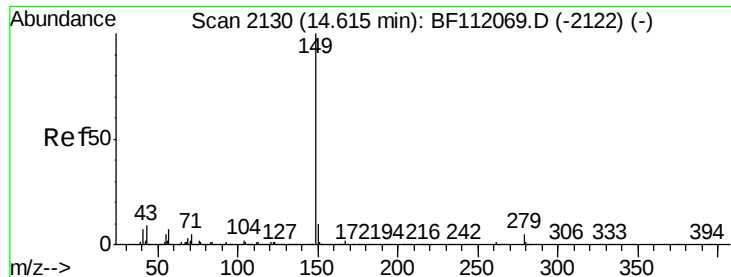


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.492 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

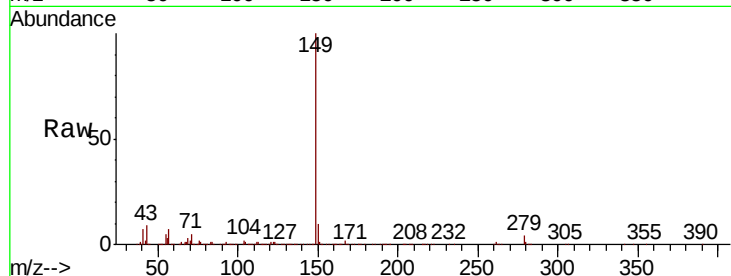
Tot Ion:149 Resp: 1334715

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.8 11.6

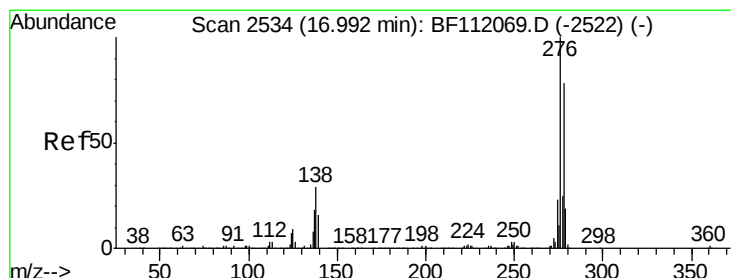
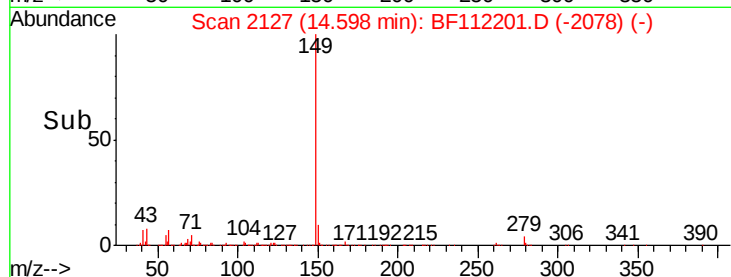


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

Time--> 14.50 14.60 14.70



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.664 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

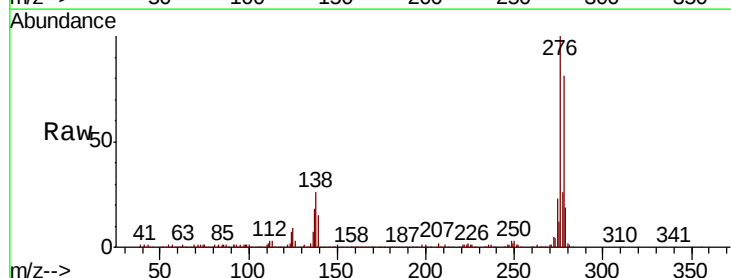
Tgt Ion:276 Resp: 925823

Ion Ratio Lower Upper

276 100

138 26.0 22.6 34.0

277 25.6 20.3 30.5

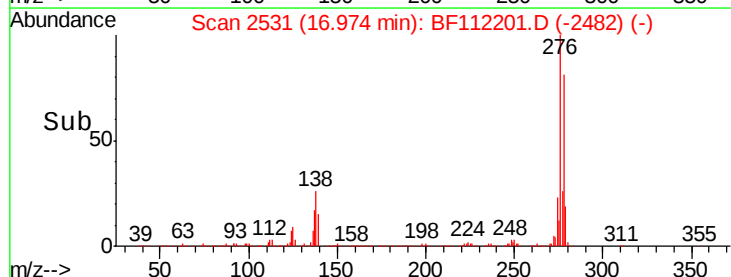


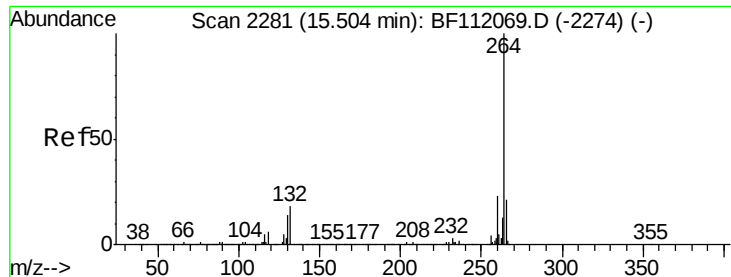
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 16.80 17.00 17.20





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

Instrument :

BNA_F

ClientSampleId :

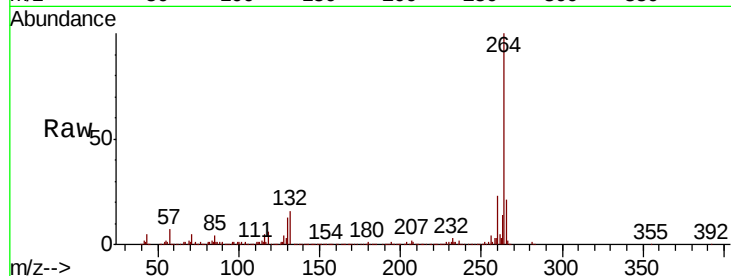
Tot Ion:264 Resp: 549834

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

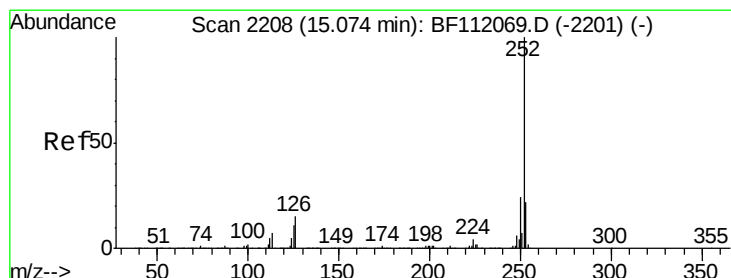
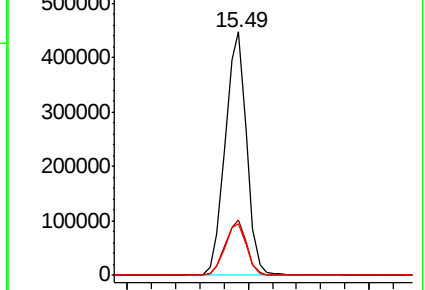
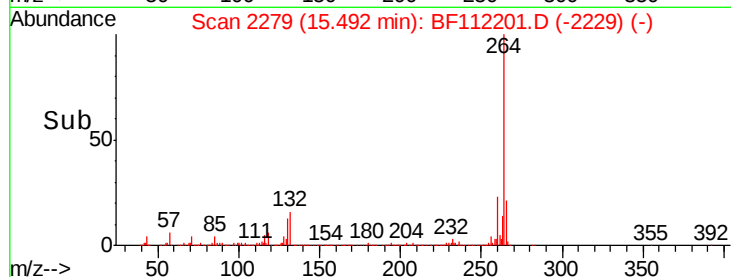
265 21.3 17.0 25.4



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



#88

Benzo(b)fluoranthene

Concen: 30.260 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF112201.D

Acq: 23 Jan 2019 14:57

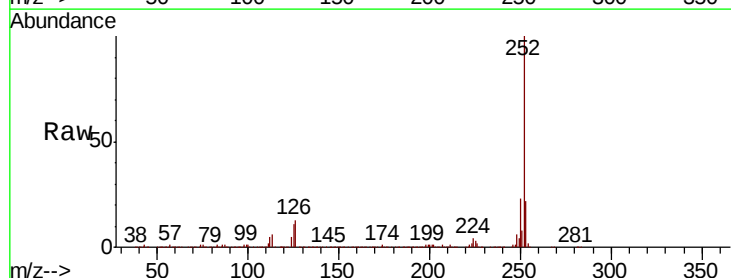
Tgt Ion:252 Resp: 944440

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

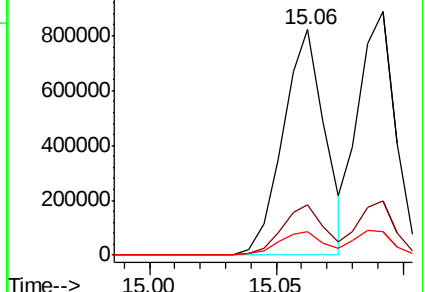
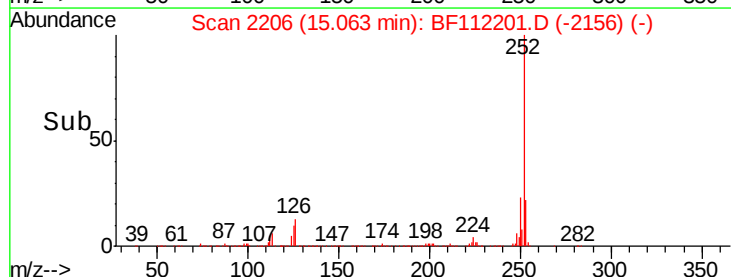
125 10.5 8.7 13.1

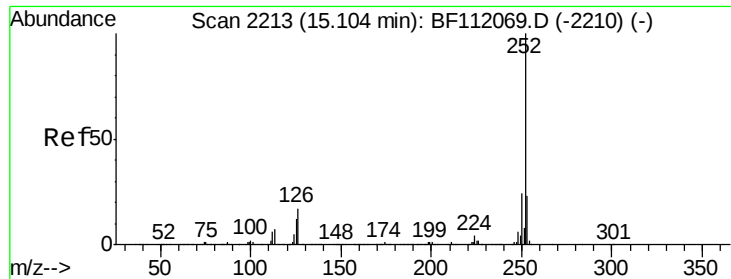


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

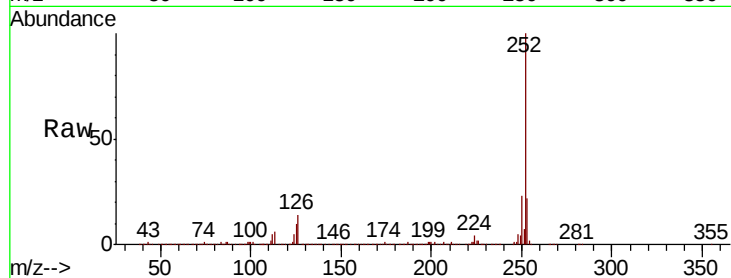




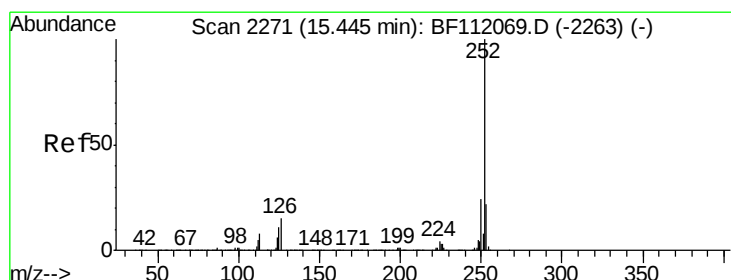
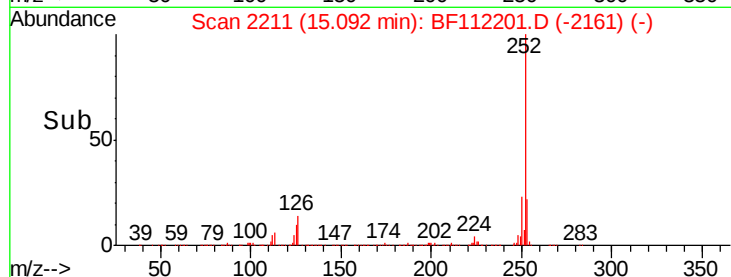
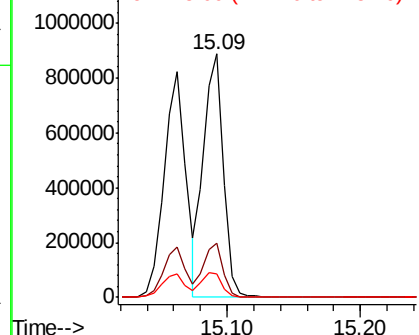
#89
Benzo(k)fluoranthene
Concen: 30.098 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 909192
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.7 9.1 13.7

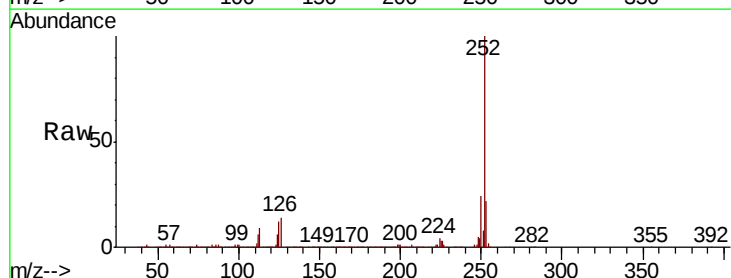


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

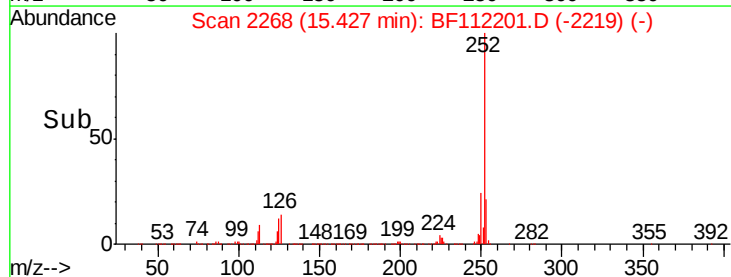
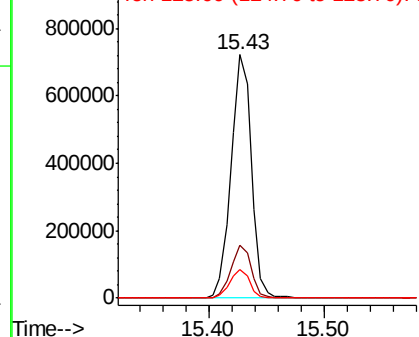


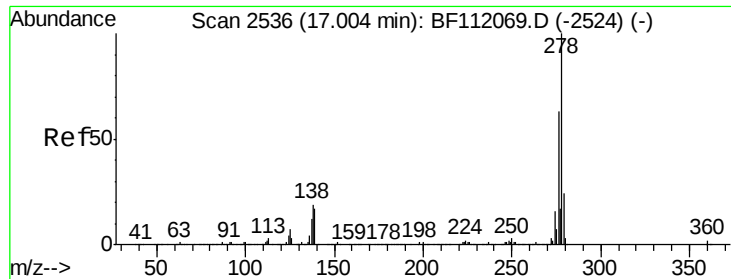
#90
Benzo(a)pyrene
Concen: 30.872 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion:252 Resp: 883632
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.6 9.0 13.4



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

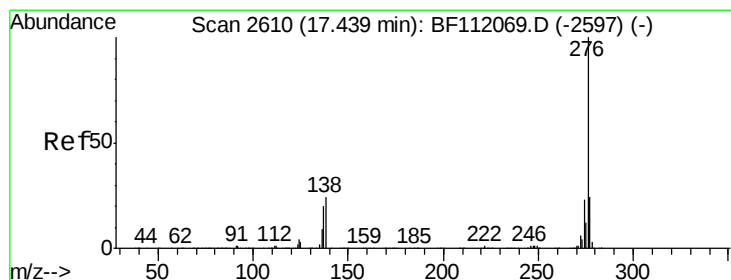
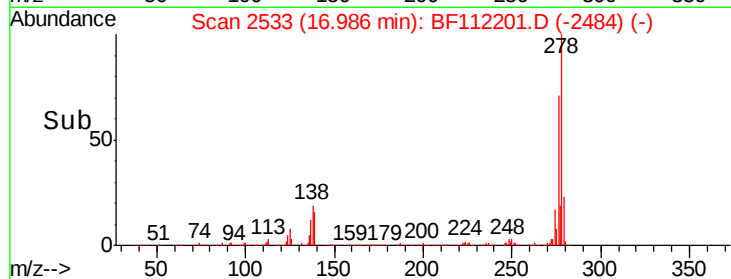
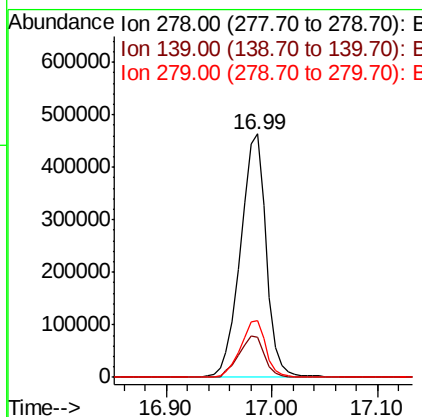
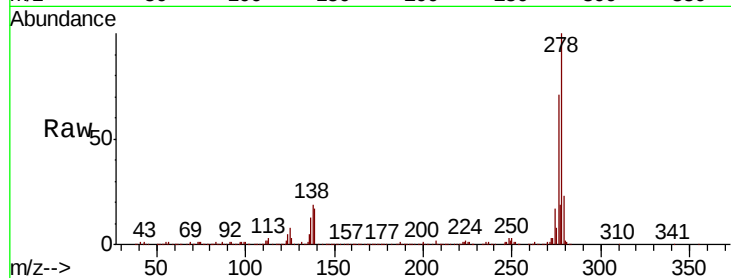




#91
Dibenzo(a,h)anthracene
Concen: 30.799 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	23.2	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 30.304 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112201.D
Acq: 23 Jan 2019 14:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	22.7	19.1	28.7

