

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111872.D
 Acq On : 7 Jan 2019 12:16
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 12:46:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179910	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	675205	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	345074	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	636719	20.00	ng	0.00
76) Chrysene-d12	14.06	240	472193	20.00	ng	0.00
87) Perylene-d12	15.53	264	342288	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	959141	90.87	ng	0.00
7) Phenol-d6	6.54	99	1249977	93.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	1246558	107.46	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	433526	106.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2279549	96.29	ng	0.00
79) Terphenyl-d14	13.00	244	2458566	98.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	214517	43.198	ng	98
3) Pyridine	3.44	79	571596	44.181	ng	99
4) n-Nitrosodimethylamine	3.40	42	285324	45.063	ng	98
6) Aniline	6.56	93	768005	44.854	ng	# 73
8) 2-Chlorophenol	6.69	128	557447	47.678	ng	94
9) Benzaldehyde	6.44	77	338074	36.595	ng	99
10) Phenol	6.55	94	689022	45.462	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	536108	47.204	ng	97
12) 1,3-Dichlorobenzene	6.83	146	656842	48.476	ng	98
13) 1,4-Dichlorobenzene	6.91	146	653901	47.585	ng	99
14) 1,2-Dichlorobenzene	7.06	146	622371	48.543	ng	98
15) Benzyl Alcohol	7.03	79	523721	49.092	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	910536	43.531	ng	95
17) 2-Methylphenol	7.15	107	441319	47.139	ng	97
18) Hexachloroethane	7.40	117	235603	50.878	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	423191	47.439	ng	99
20) 3+4-Methylphenols	7.30	107	556592	47.051	ng	91
22) Acetophenone	7.30	105	816442	47.730	ng	# 95
24) Nitrobenzene	7.47	77	627372	51.603	ng	97
25) Isophorone	7.72	82	1005698	48.837	ng	99
26) 2-Nitrophenol	7.79	139	321560	65.215	ng	98
27) 2,4-Dimethylphenol	7.83	122	448258	46.117	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	668345	48.771	ng	99
29) 2,4-Dichlorophenol	8.04	162	513044	49.073	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	570439	48.964	ng	98
31) Naphthalene	8.20	128	1563265	48.186	ng	99
32) Benzoic acid	7.97	122	314965	49.009	ng	98
33) 4-Chloroaniline	8.25	127	678288	48.372	ng	97
34) Hexachlorobutadiene	8.32	225	359445	50.623	ng	99
35) Caprolactam	8.63	113	172481	48.688	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	518559	50.459	ng	96
37) 2-Methylnaphthalene	8.89	142	1035381	49.053	ng	99
38) 1-Methylnaphthalene	8.99	142	989689	48.821	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	561127	49.486	ng	100

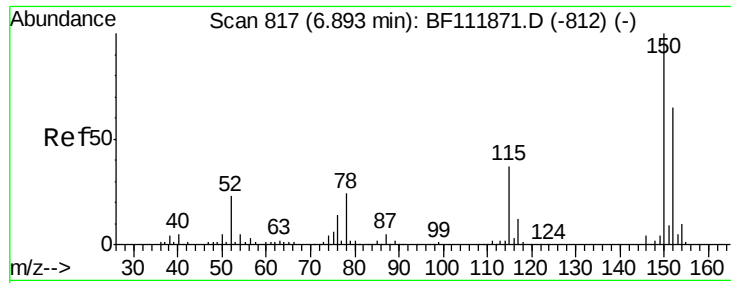
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111872.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	340872	61.949	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	380226	50.224	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	394371	50.778	ng	98
46) 1,1'-Biphenyl	9.35	154	1419874	48.744	ng	99
47) 2-Chloronaphthalene	9.38	162	1126493	48.810	ng	98
48) 2-Nitroaniline	9.47	65	354906	59.112	ng	92
49) Acenaphthylene	9.80	152	1643033	48.759	ng	99
50) Dimethylphthalate	9.66	163	1272751	50.437	ng	99
51) 2,6-Dinitrotoluene	9.72	165	292268	58.085	ng	90
52) Acenaphthene	9.97	154	1056345	50.828	ng	99
53) 3-Nitroaniline	9.89	138	310777	57.913	ng	95
54) 2,4-Dinitrophenol	9.99	184	130503	96.113	ng	91
55) Dibenzofuran	10.14	168	1527021	48.634	ng	97
56) 4-Nitrophenol	10.06	139	226425	55.289	ng	95
57) 2,4-Dinitrotoluene	10.12	165	384659	63.607	ng	93
58) Fluorene	10.48	166	1117036	49.371	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	335120	51.272	ng	99
60) Diethylphthalate	10.35	149	1215353	49.099	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	618200	49.455	ng	98
62) 4-Nitroaniline	10.50	138	301719	57.849	ng	98
63) Azobenzene	10.63	77	1193185	48.015	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	201739	84.816	ng	88
66) n-Nitrosodiphenylamine	10.59	169	1063899	49.777	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	399577	50.596	ng	93
68) Hexachlorobenzene	11.03	284	447067	50.772	ng	98
69) Atrazine	11.12	200	365888	49.276	ng	99
70) Pentachlorophenol	11.23	266	272984	50.148	ng	99
71) Phenanthrene	11.45	178	1626795	48.176	ng	99
72) Anthracene	11.50	178	1651098	48.714	ng	99
73) Carbazole	11.65	167	1580129	48.019	ng	99
74) Di-n-butylphthalate	11.97	149	1806613	48.966	ng	99
75) Fluoranthene	12.63	202	1621178	47.411	ng	98
77) Benzidine	12.74	184	716144	40.304	ng	97
78) Pyrene	12.86	202	1674430	50.215	ng	100
80) Butylbenzylphthalate	13.47	149	714861	52.593	ng	97
81) Benzo(a)anthracene	14.04	228	1317632	48.896	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	476064	44.712	ng	99
83) Chrysene	14.09	228	1256364	47.436	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	909189	53.104	ng	99
85) Di-n-octyl phthalate	14.64	149	1236243	46.604	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	901469	40.038	ng	98
88) Benzo(b)fluoranthene	15.10	252	987428	49.360	ng	99
89) Benzo(k)fluoranthene	15.13	252	992832	52.131	ng	99
90) Benzo(a)pyrene	15.47	252	894225	49.203	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	742816	46.674	ng	99
92) Benzo(g,h,i)perylene	17.49	276	695495	44.754	ng	98

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

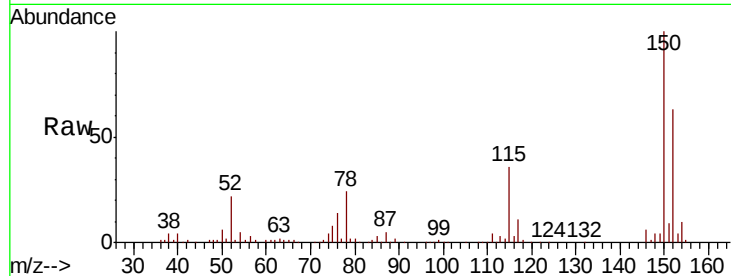


#1

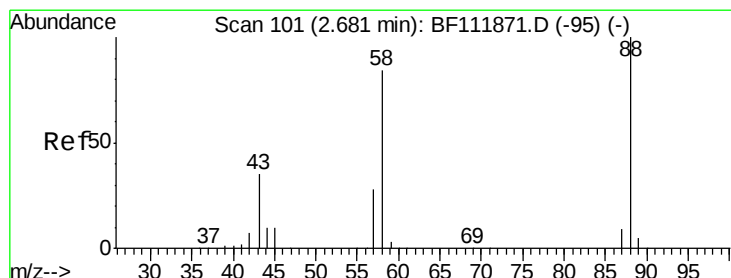
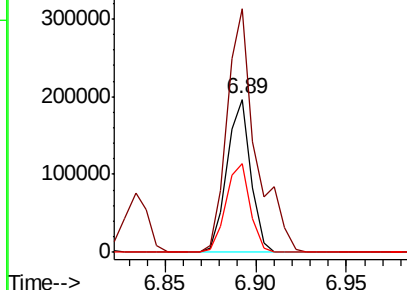
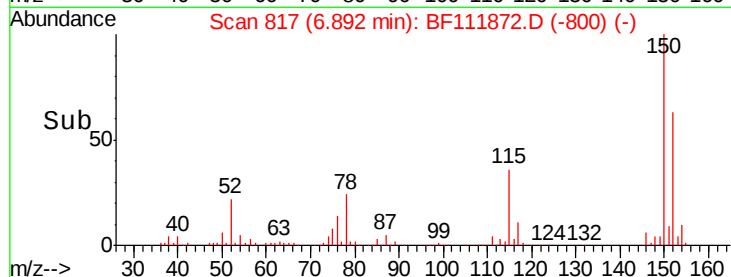
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179910
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 57.6 45.2 67.8



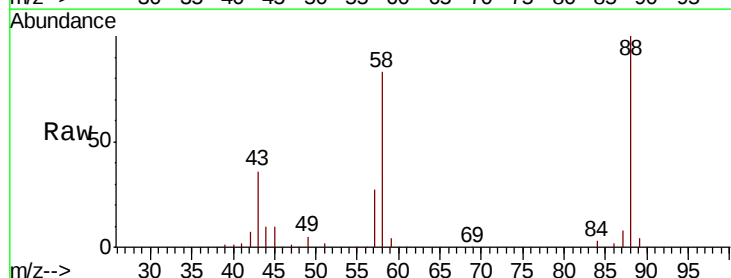
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



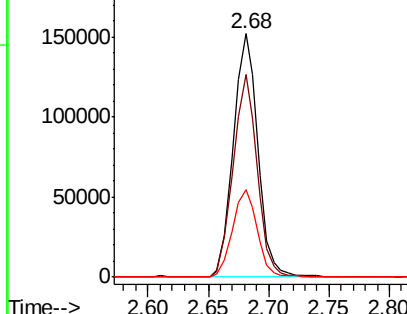
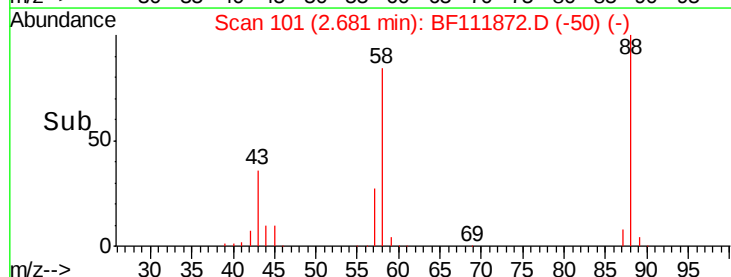
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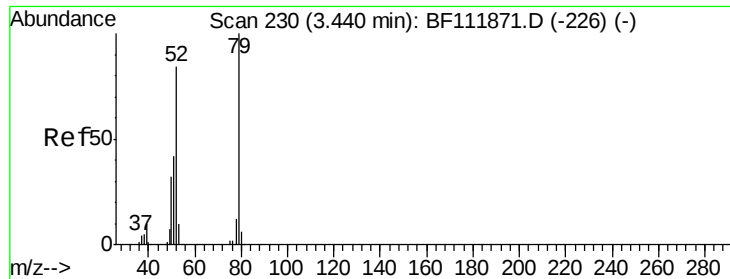
1,4-Dioxane
Concen: 43.198 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion: 88 Resp: 214517
Ion Ratio Lower Upper
88 100
58 82.1 67.6 101.4
43 36.5 29.0 43.6



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: 44.181 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

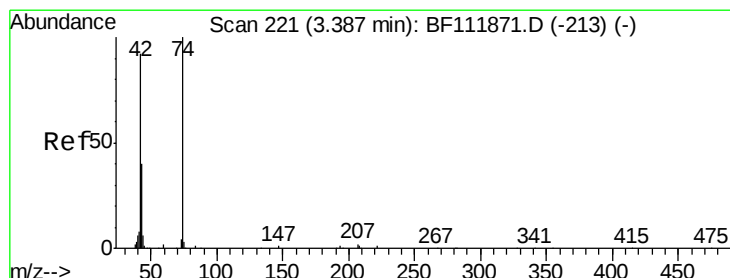
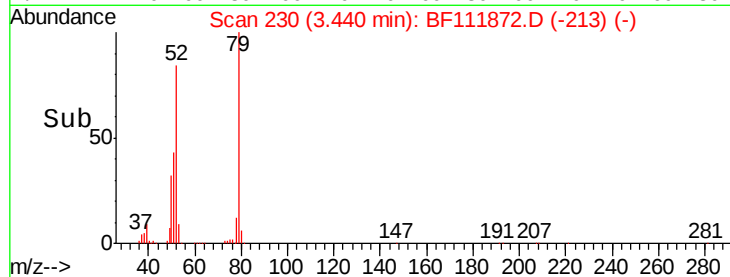
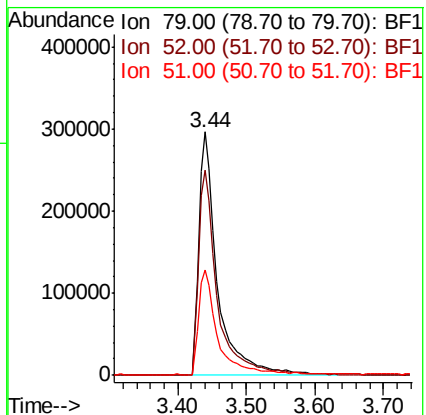
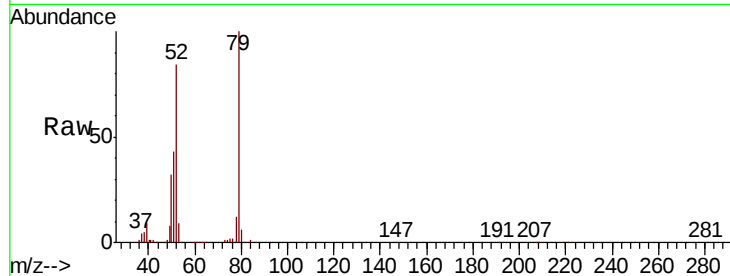
Tot Ion: 79 Resp: 571596

Ion Ratio Lower Upper

79 100

52 84.5 67.0 100.6

51 43.2 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 45.063 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

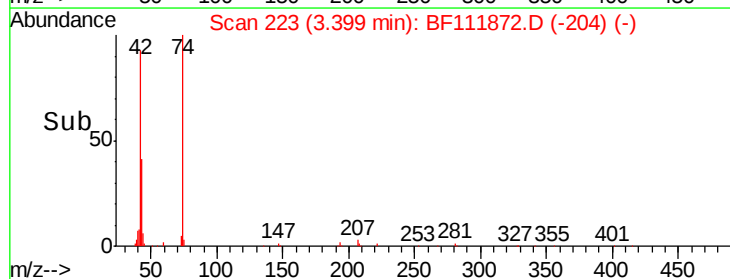
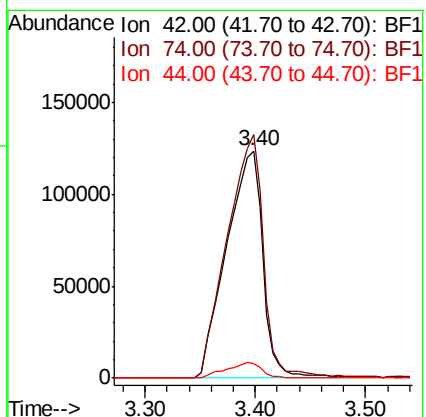
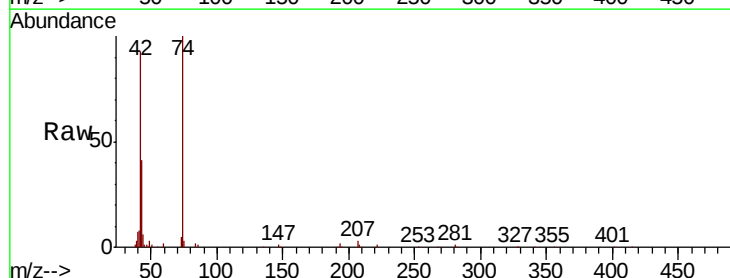
Tgt Ion: 42 Resp: 285324

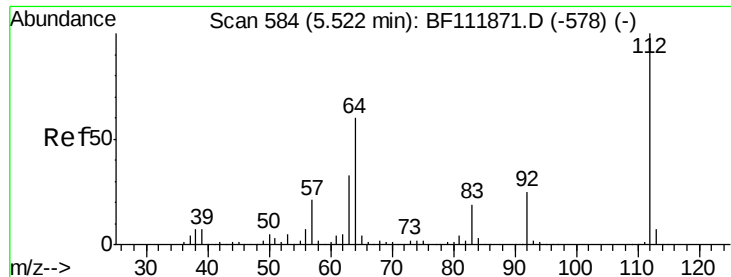
Ion Ratio Lower Upper

42 100

74 107.0 87.0 130.6

44 6.3 5.5 8.3





#5

2-Fluorophenol

Concen: 90.873 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

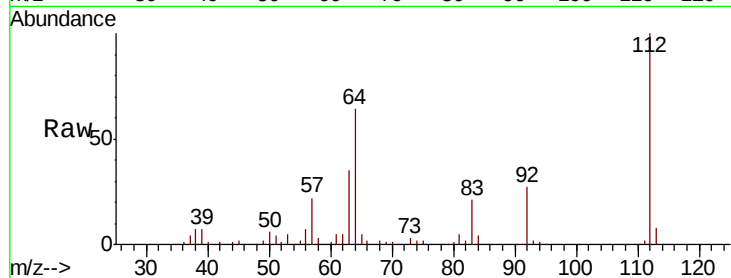
Tot Ion:112 Resp: 959141

Ion Ratio Lower Upper

112 100

64 64.1 48.3 72.5

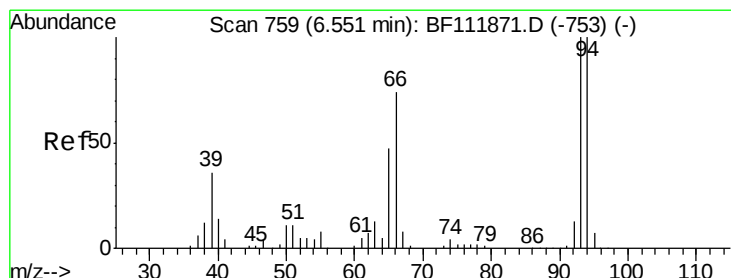
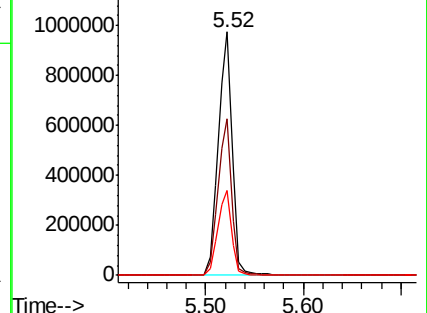
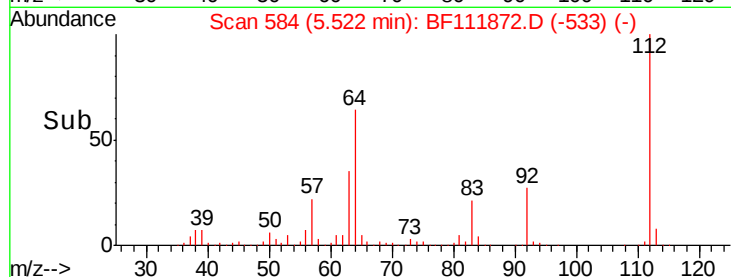
63 34.8 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.854 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

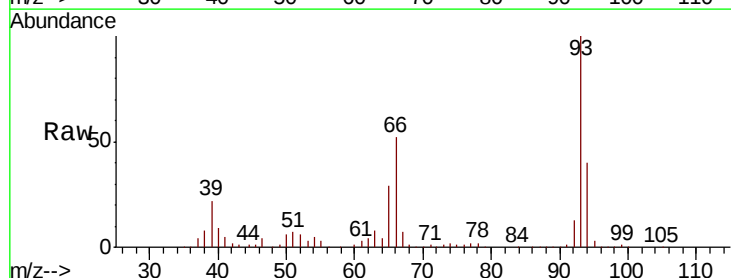
Tgt Ion: 93 Resp: 768005

Ion Ratio Lower Upper

93 100

66 51.9 60.0 90.0#

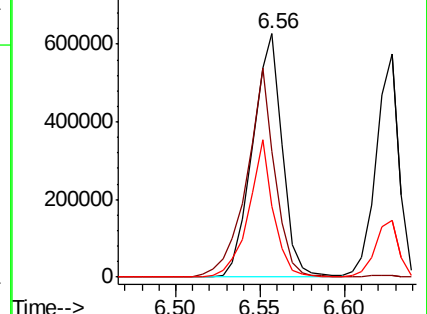
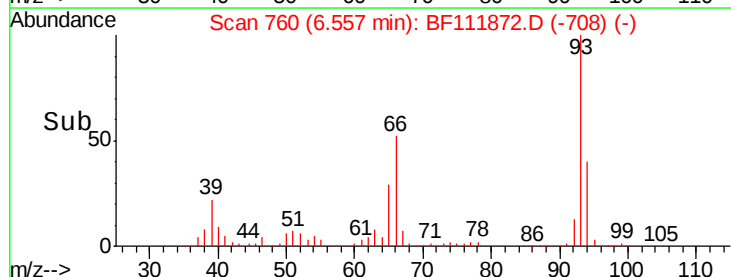
65 28.9 37.5 56.3#

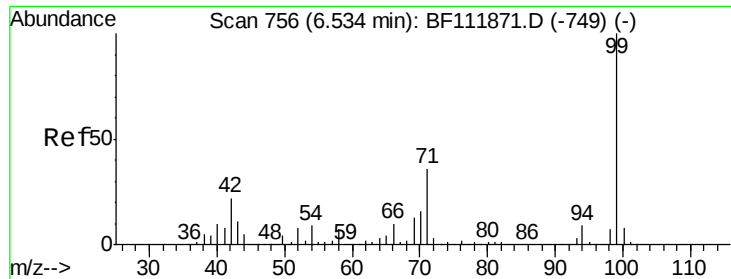


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.056 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

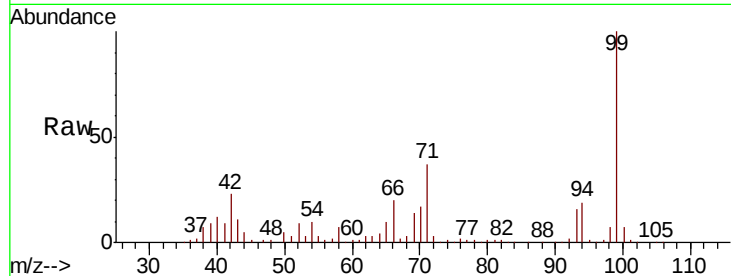
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1249977

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	37.2	28.7	43.1

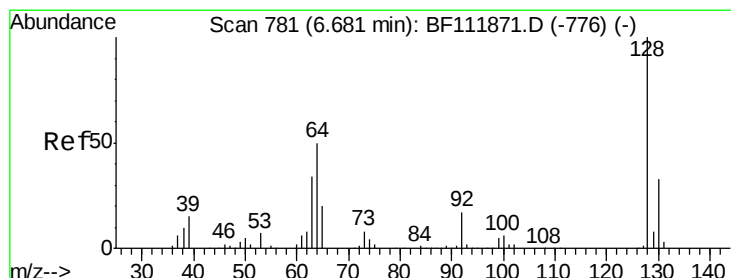
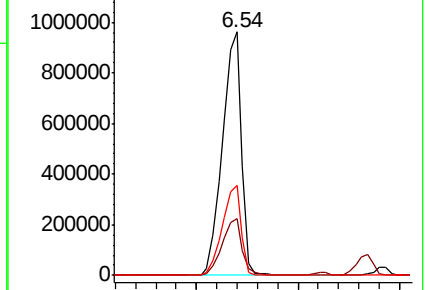
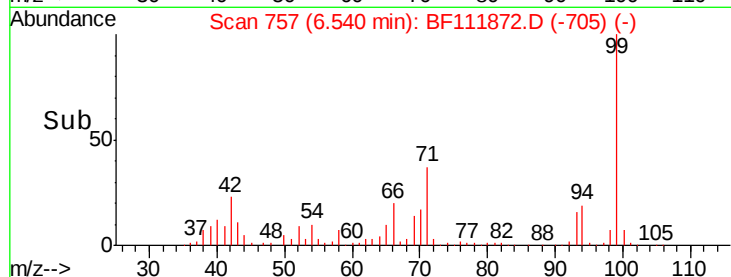


Abundance

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: 47.678 ng

RT: 6.69 min Scan# 782

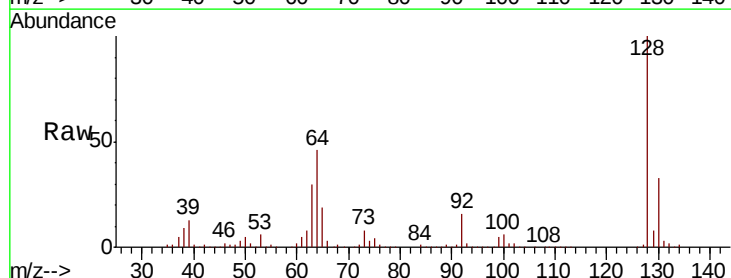
Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Tgt Ion: 128 Resp: 557447

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.7	52.7
64	45.9	31.8	71.8

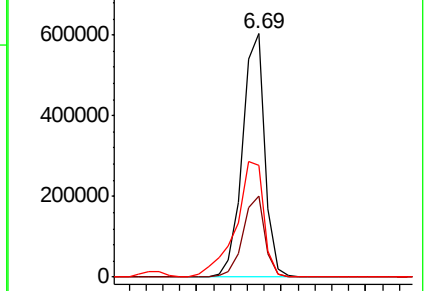
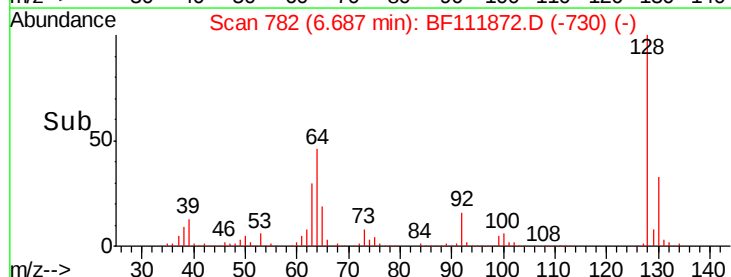


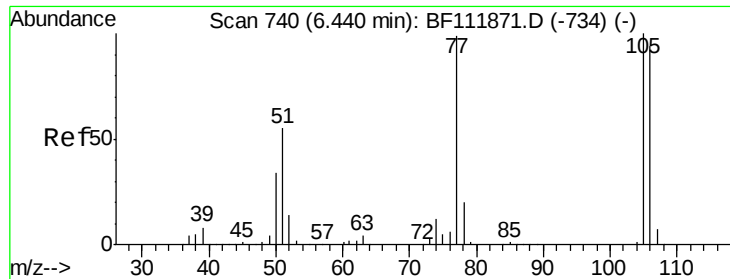
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.595 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

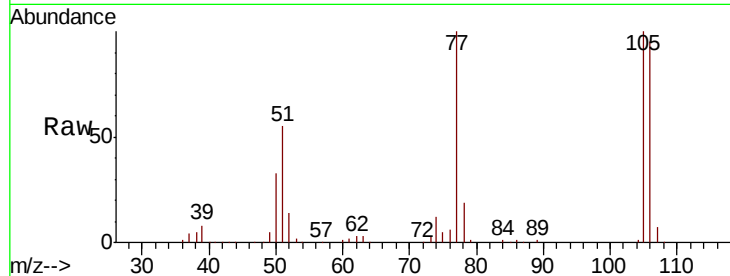
Tot Ion: 77 Resp: 338074

Ion Ratio Lower Upper

77 100

105 100.3 80.6 120.6

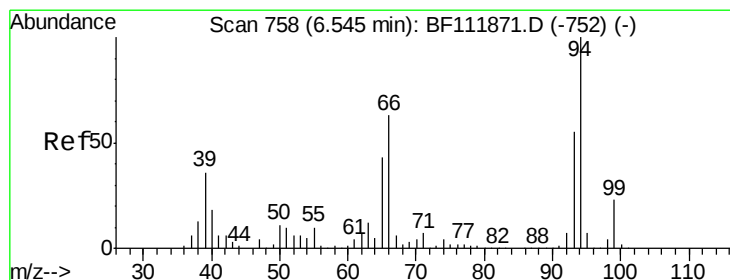
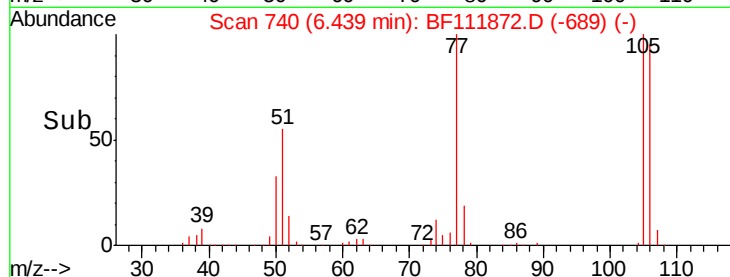
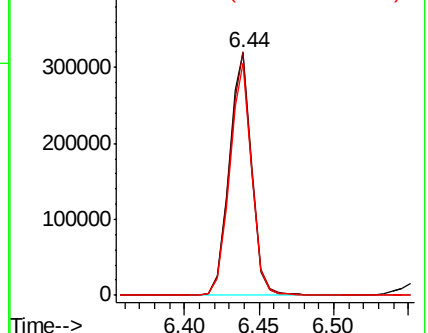
106 95.5 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.462 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

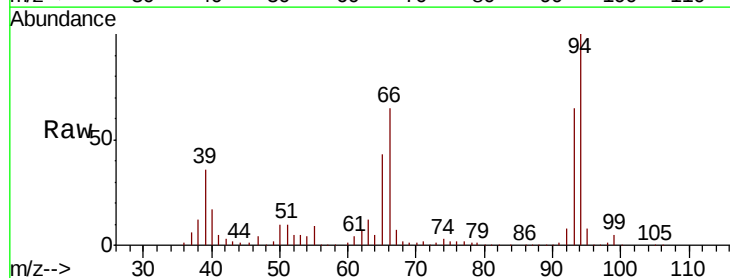
Tgt Ion: 94 Resp: 689022

Ion Ratio Lower Upper

94 100

65 43.1 22.8 62.8

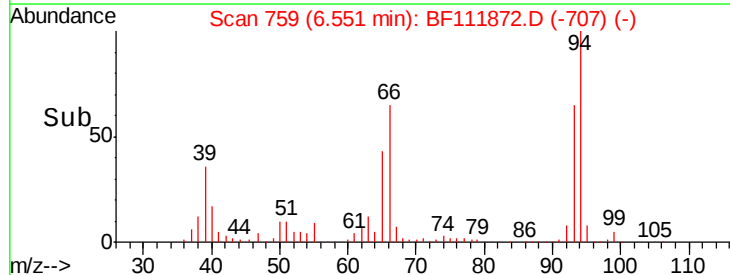
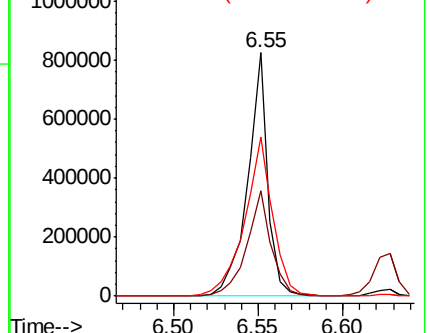
66 65.3 43.3 83.3

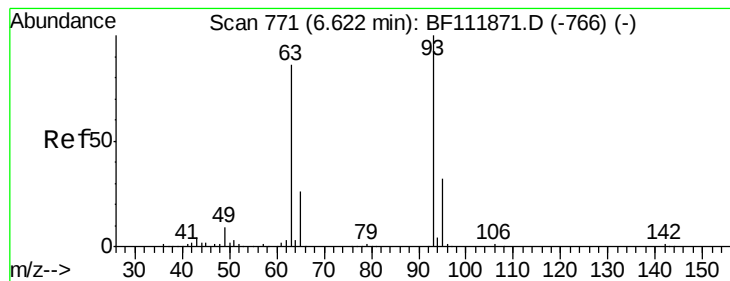


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

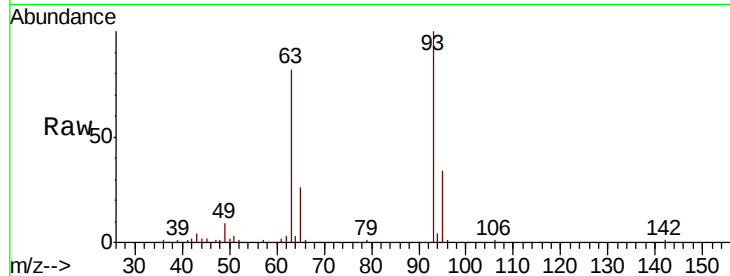




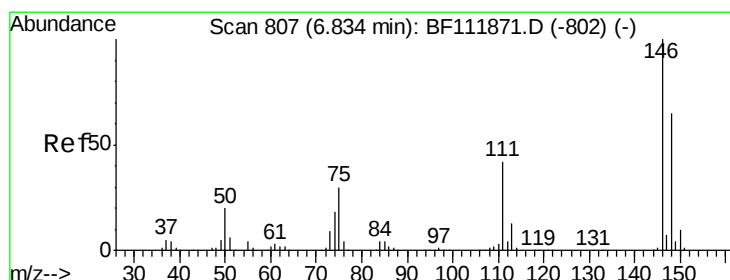
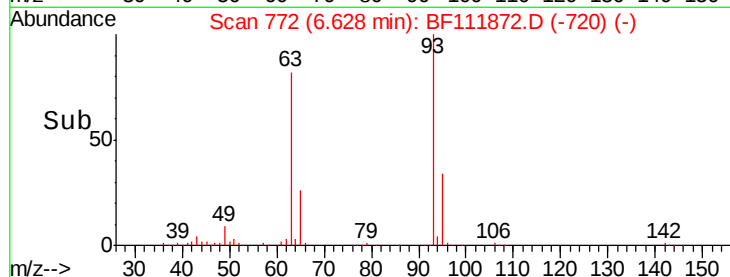
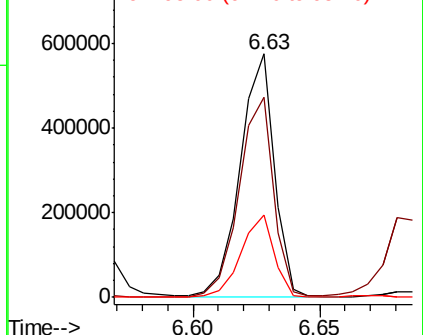
#11
bis(2-Chloroethyl)ether
Concen: 47.204 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 536108
Ion Ratio Lower Upper
93 100
63 82.3 65.2 105.2
95 33.7 11.9 51.9

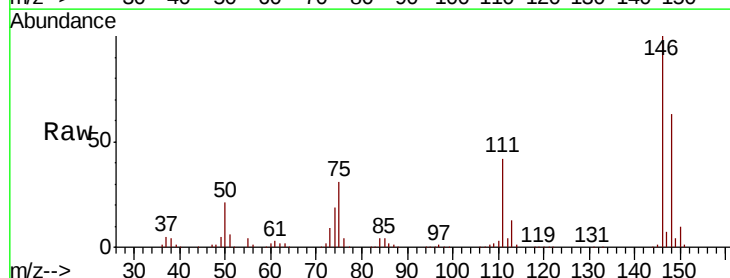


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

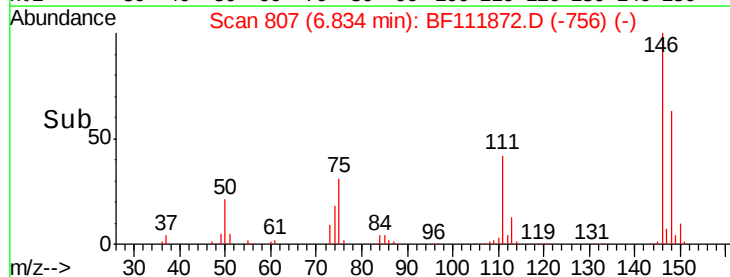
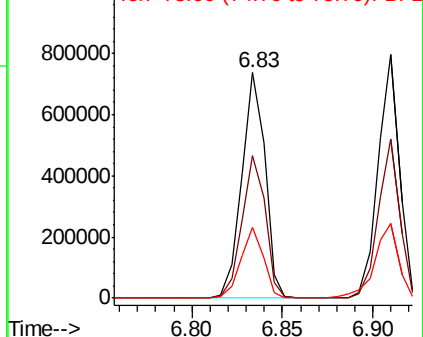


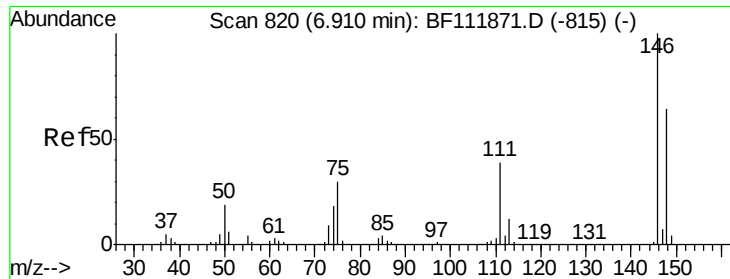
#12
1,3-Dichlorobenzene
Concen: 48.476 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion: 146 Resp: 656842
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 31.3 24.3 36.5



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

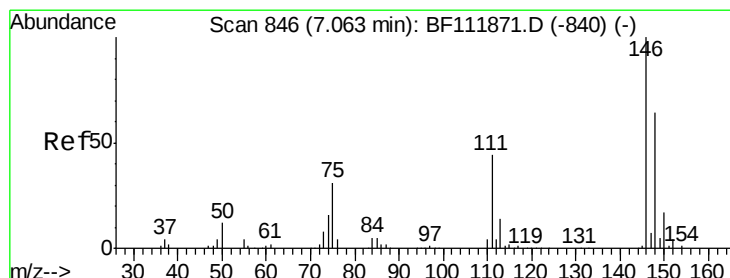
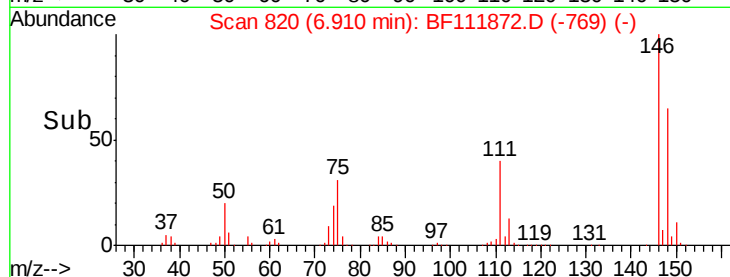
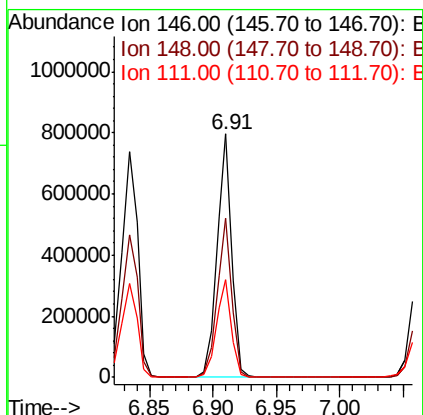
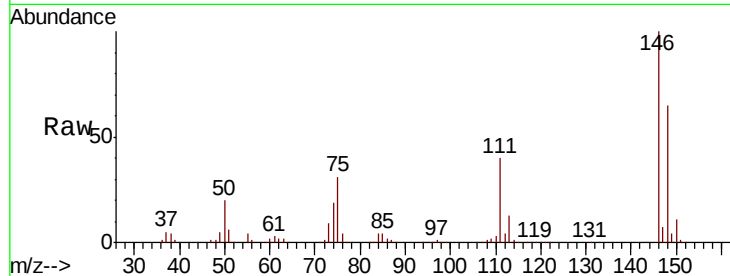




#13
 1,4-Dichlorobenzene
 Concen: 47.585 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

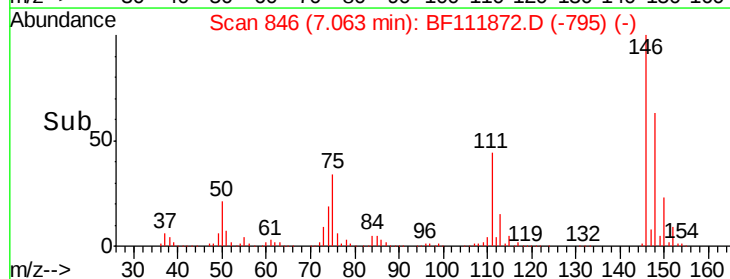
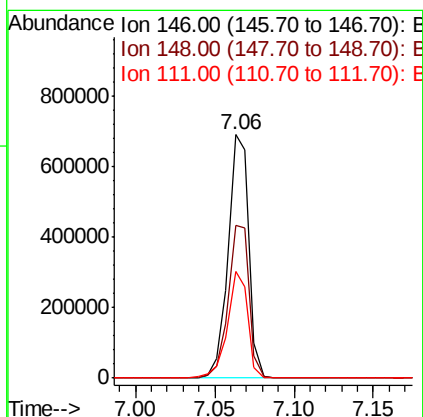
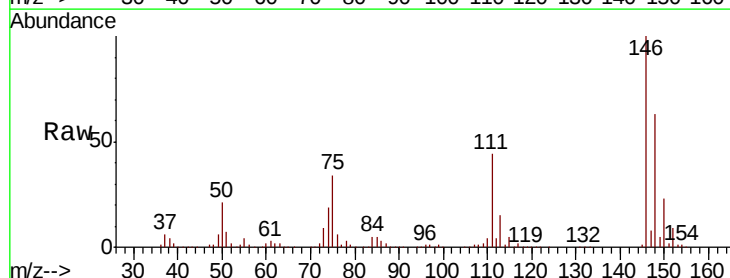
Instrument :
 BNA_F
 ClientSampled :

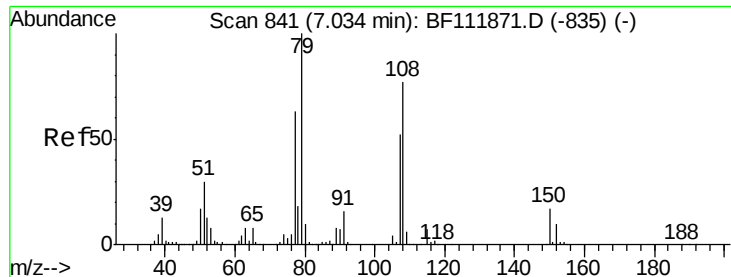
Tot Ion:146 Resp: 653901
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 40.0 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 48.543 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion:146 Resp: 622371
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 43.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 49.092 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampled :

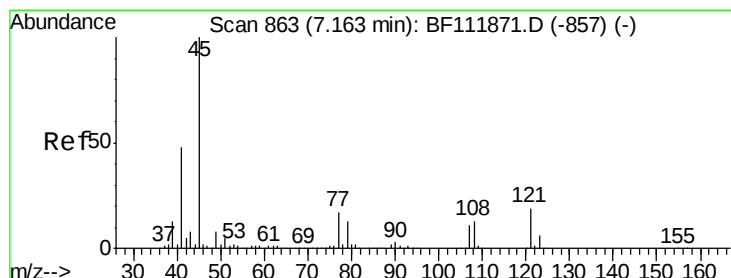
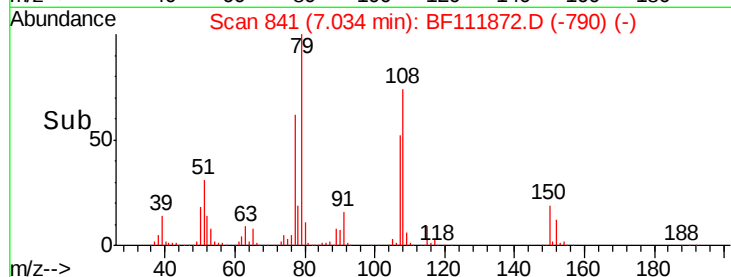
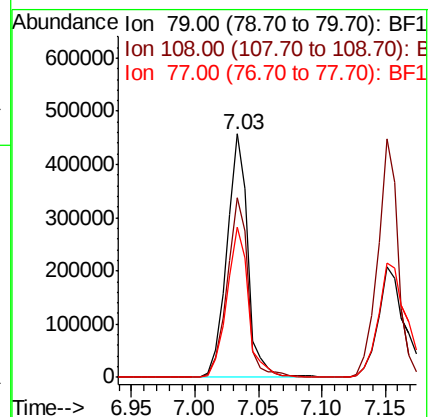
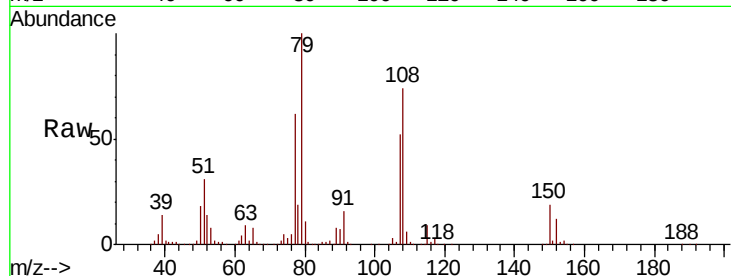
Tot Ion: 79 Resp: 523721

Ion Ratio Lower Upper

79 100

108 73.8 61.4 92.0

77 61.9 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.531 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

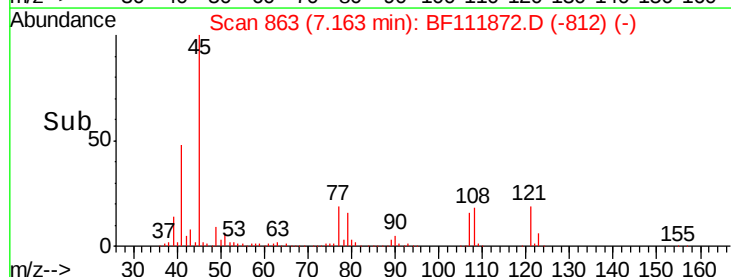
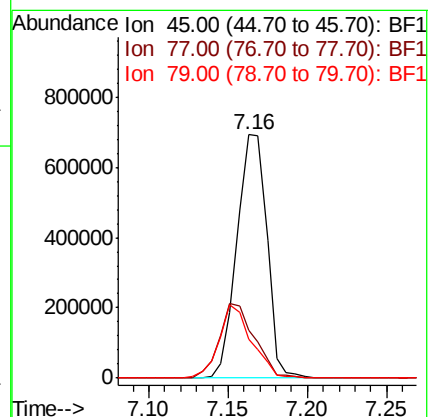
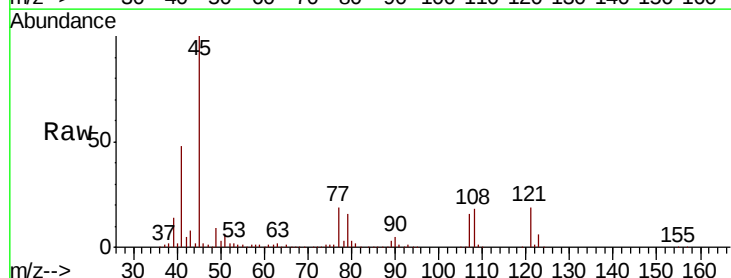
Tgt Ion: 45 Resp: 910536

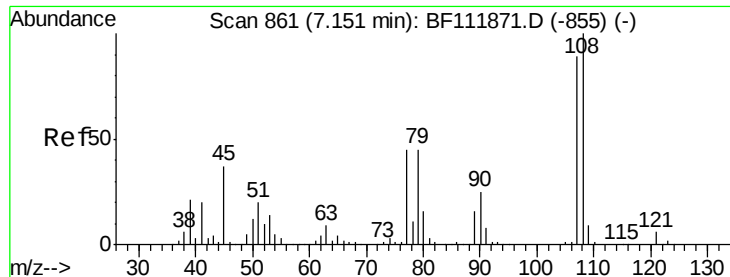
Ion Ratio Lower Upper

45 100

77 19.5 0.0 37.1

79 15.9 0.0 33.9





#17

2-Methylphenol

Concen: 47.139 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 441319

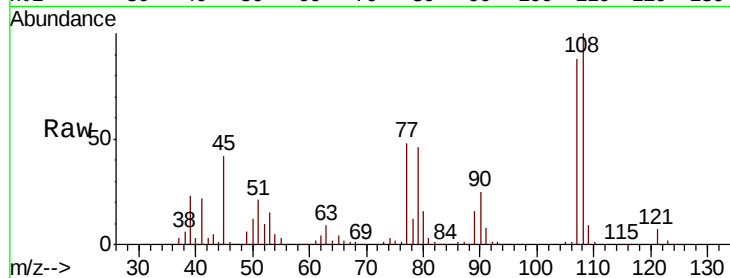
Ion Ratio Lower Upper

107 100

108 114.1 89.7 134.5

77 54.4 40.6 60.8

79 52.9 40.2 60.2

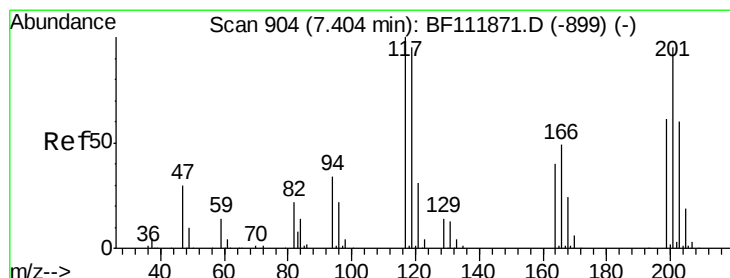
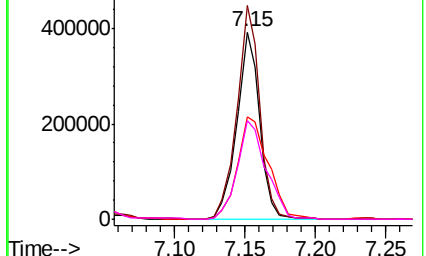
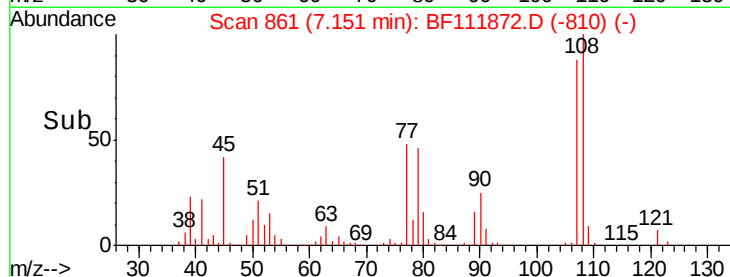


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 50.878 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

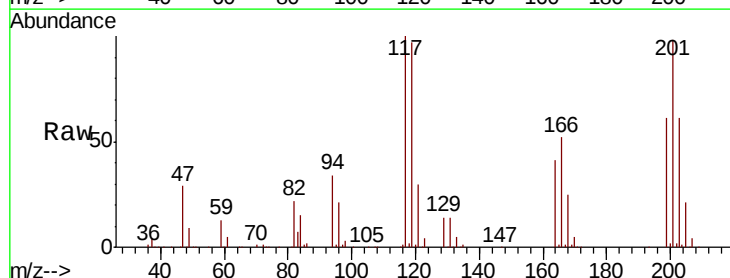
Tgt Ion:117 Resp: 235603

Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.2

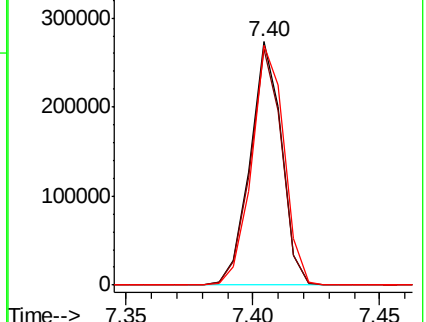
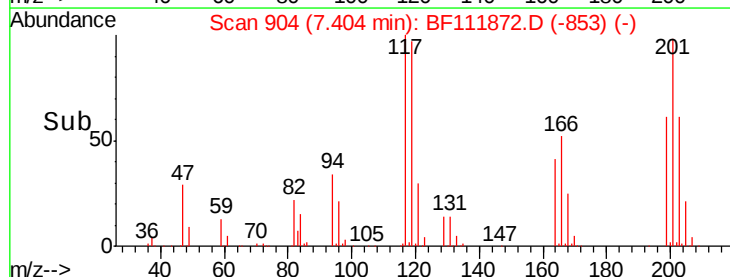
201 98.4 75.7 113.5

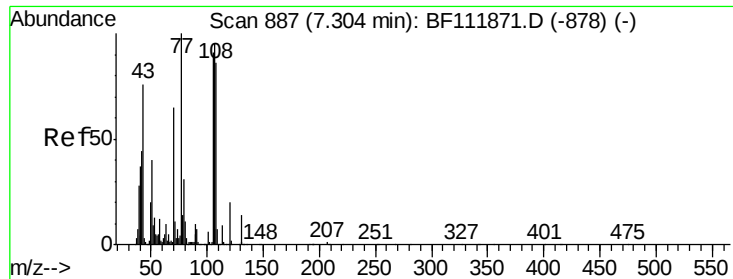


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

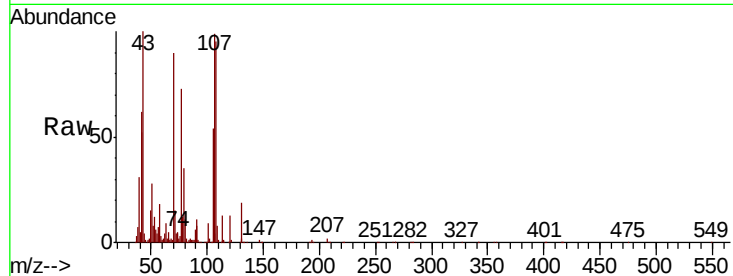




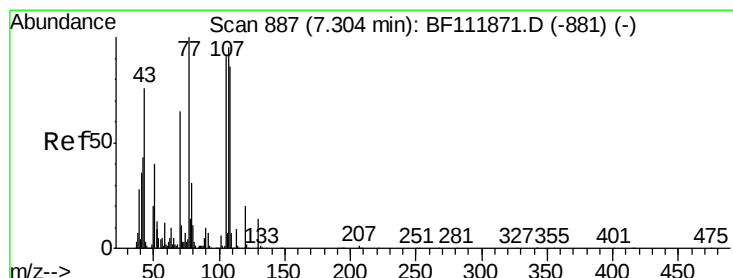
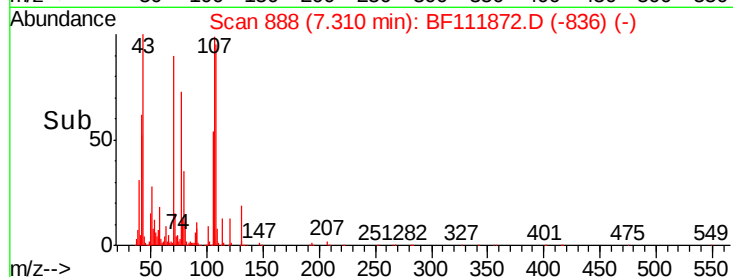
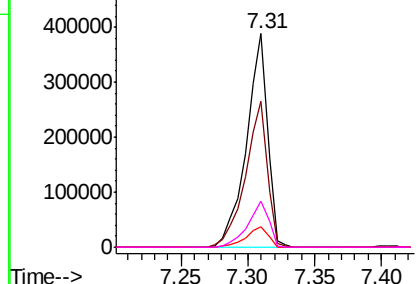
#19
n-Nitroso-di-n-propylamine
Concen: 47.439 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 423191
Ion Ratio Lower Upper
70 100
42 68.3 53.6 80.4
101 9.5 7.3 10.9
130 21.3 16.8 25.2



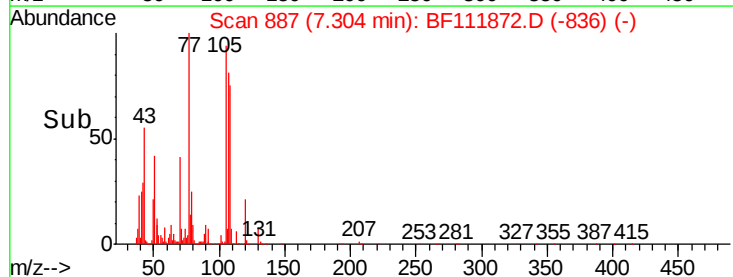
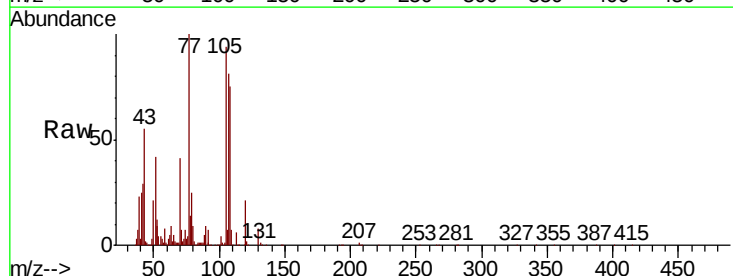
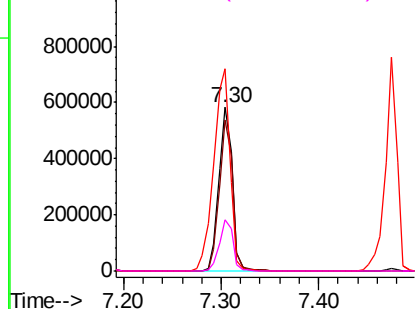
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

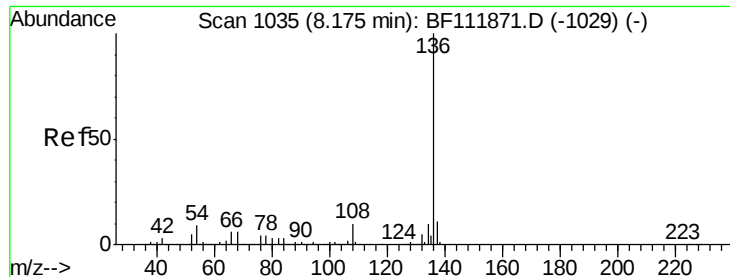


#20
3+4-Methylphenols
Concen: 47.051 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:107 Resp: 556592
Ion Ratio Lower Upper
107 100
108 92.3 71.1 111.1
77 123.8 85.4 125.4
79 31.3 12.4 52.4

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 675205

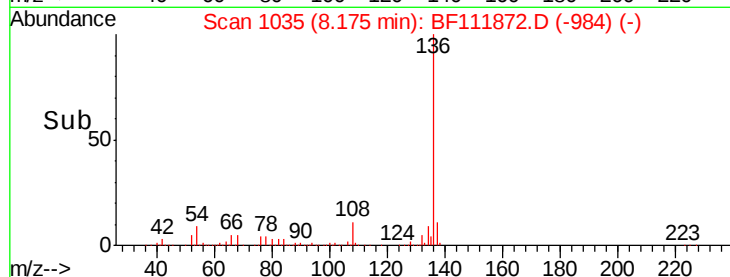
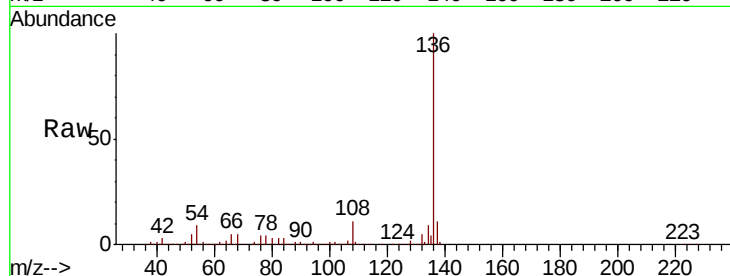
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 7.2 10.8

68 5.1 4.4 6.6

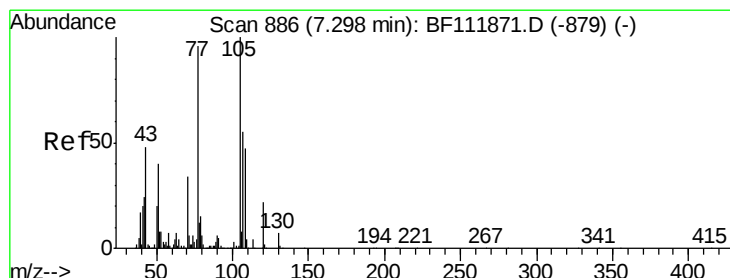
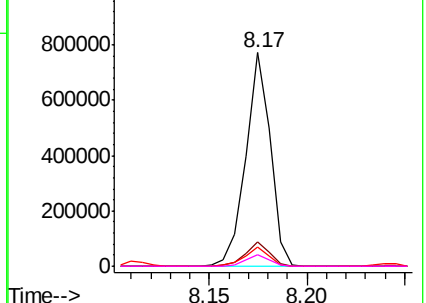


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.730 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Tgt Ion:105 Resp: 816442

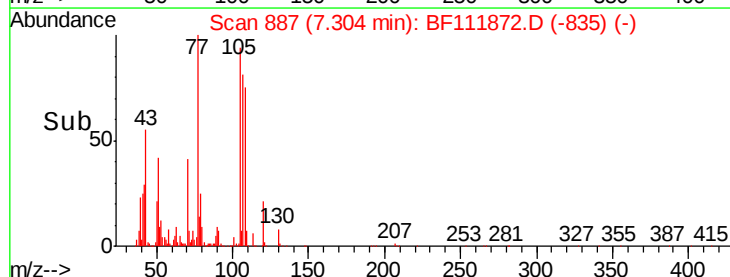
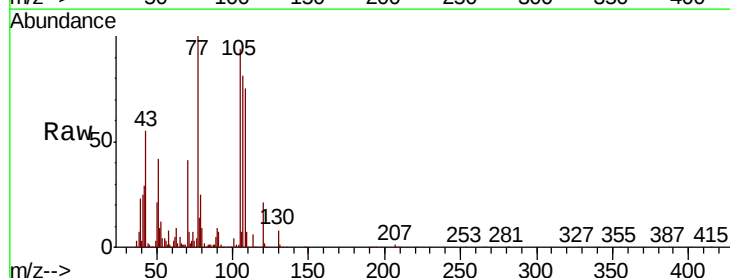
Ion Ratio Lower Upper

105 100

71 7.5 4.6 6.8#

51 44.5 32.2 48.2

120 22.7 17.5 26.3

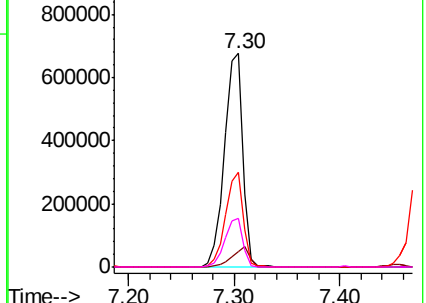


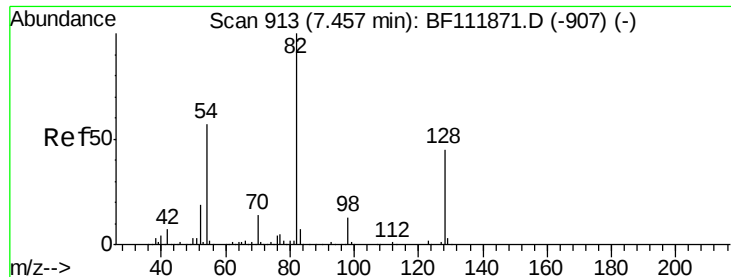
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

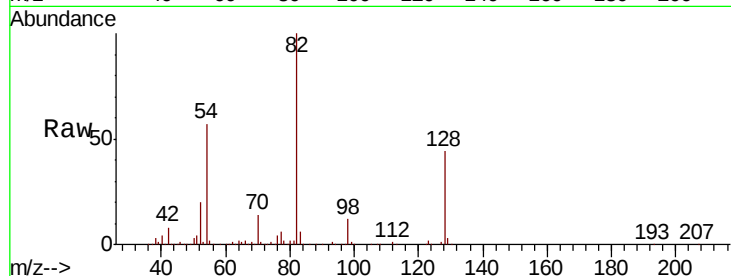




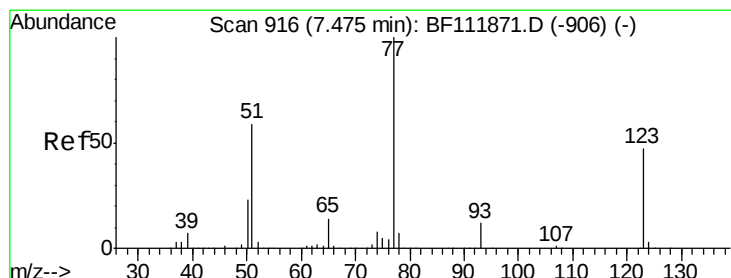
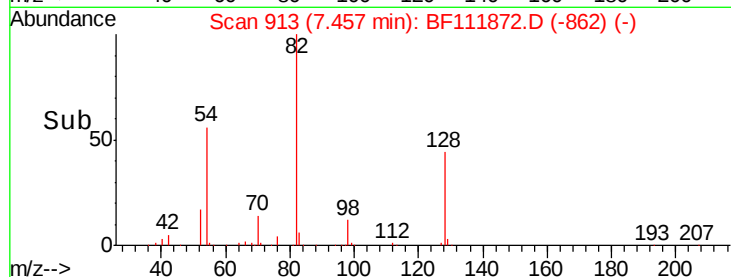
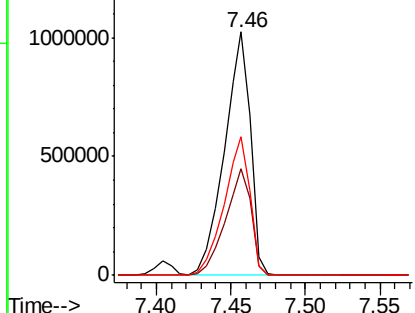
#23
Nitrobenzene-d5
Concen: 107.463 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1246558
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 57.1 45.8 68.8

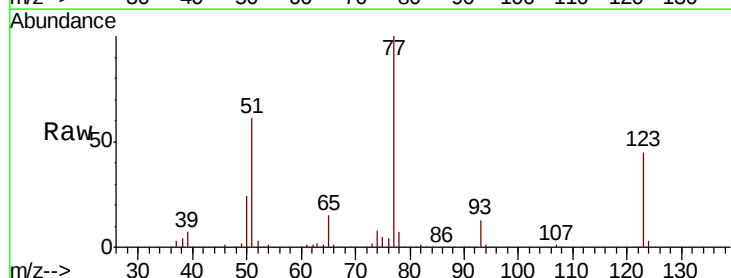


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

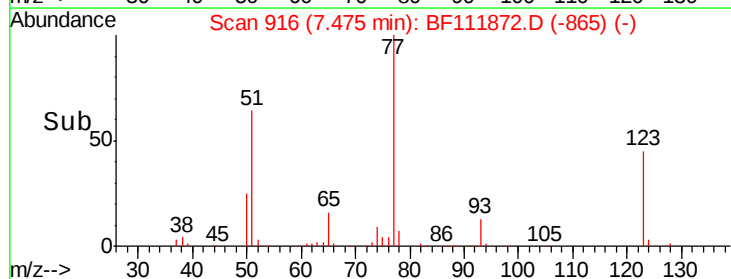
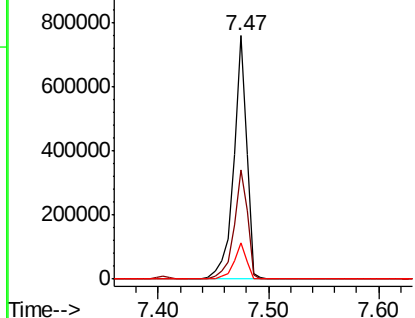


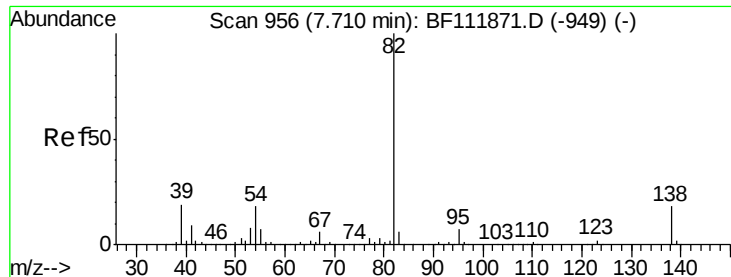
#24
Nitrobenzene
Concen: 51.603 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion: 77 Resp: 627372
Ion Ratio Lower Upper
77 100
123 45.1 38.1 57.1
65 14.7 11.0 16.4



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





#25

Isophorone

Concen: 48.837 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampled :

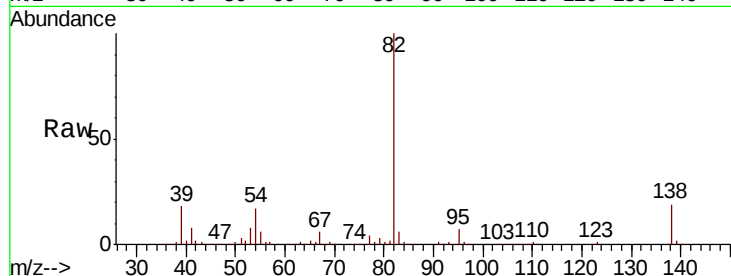
Tot Ion: 82 Resp: 1005698

Ion Ratio Lower Upper

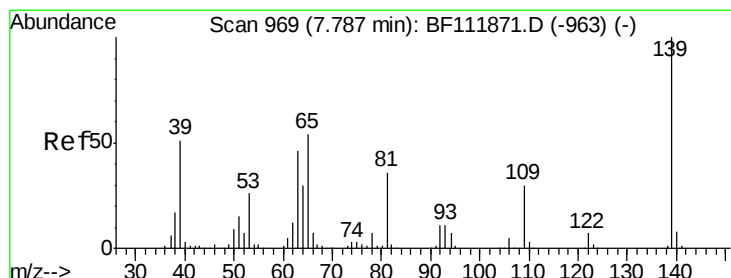
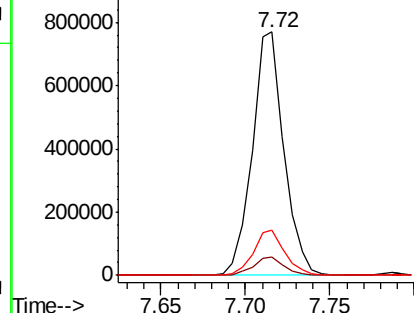
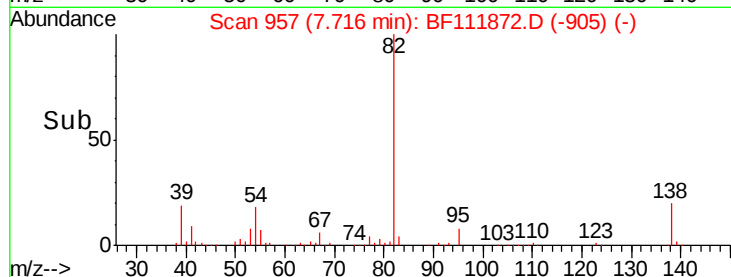
82 100

95 7.3 5.8 8.6

138 18.7 14.4 21.6



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



#26

2-Nitrophenol

Concen: 65.215 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

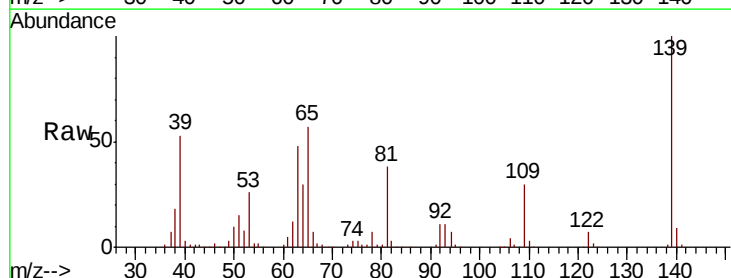
Tgt Ion: 139 Resp: 321560

Ion Ratio Lower Upper

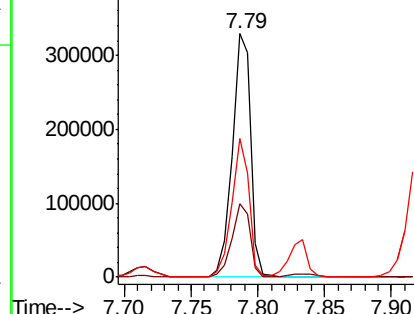
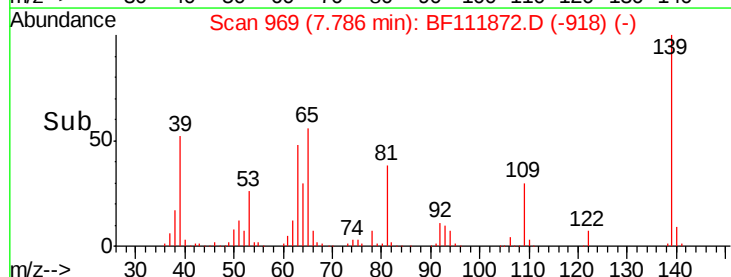
139 100

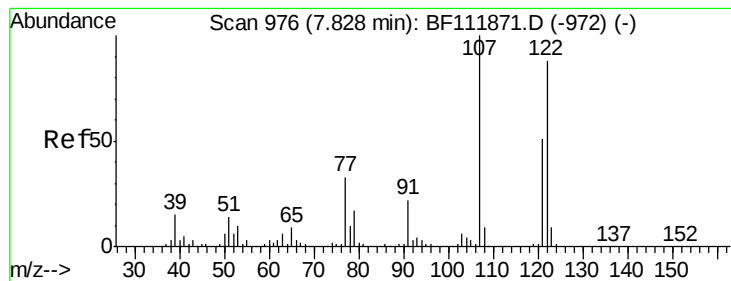
109 29.9 24.1 36.1

65 57.0 43.6 65.4



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





#27

2,4-Dimethylphenol

Concen: 46.117 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

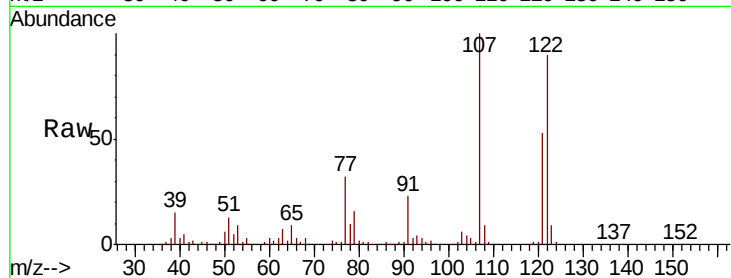
Tot Ion:122 Resp: 448258

Ion Ratio Lower Upper

122 100

107 111.6 91.0 136.6

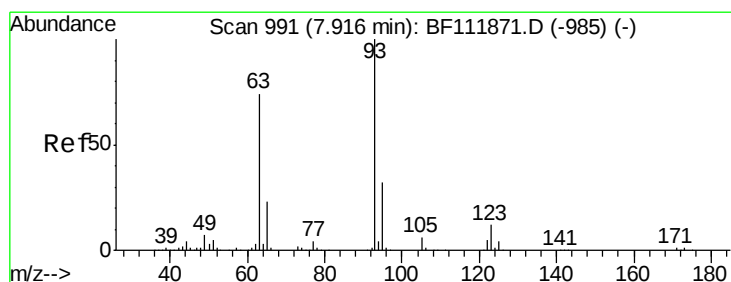
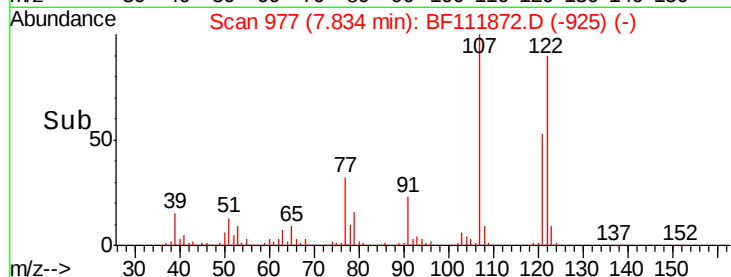
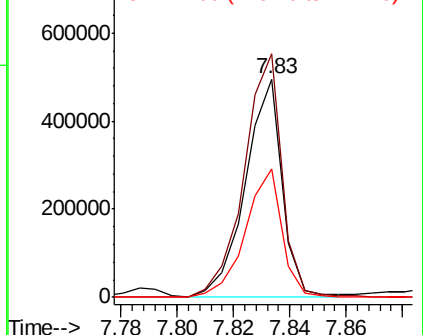
121 58.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.771 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

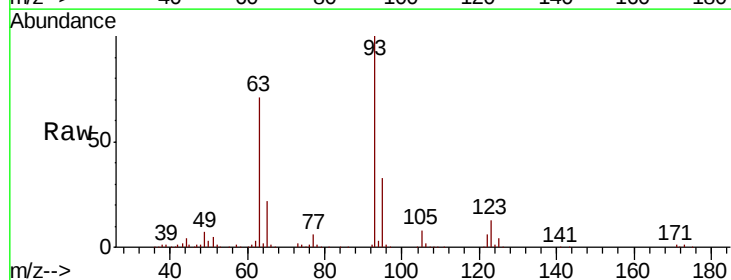
Tgt Ion: 93 Resp: 668345

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

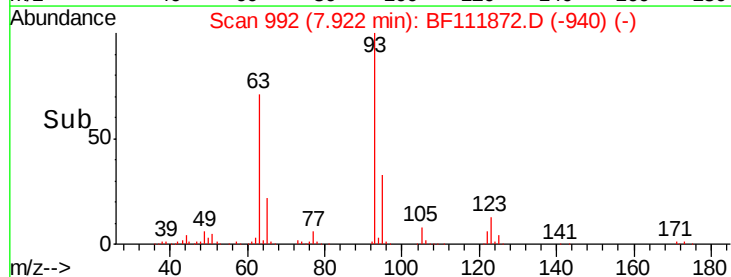
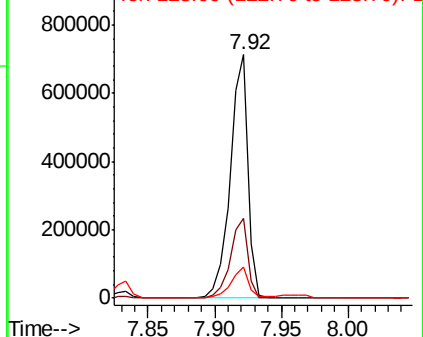
123 12.5 9.5 14.3

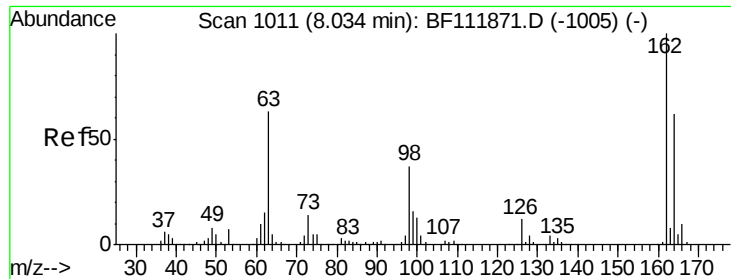


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

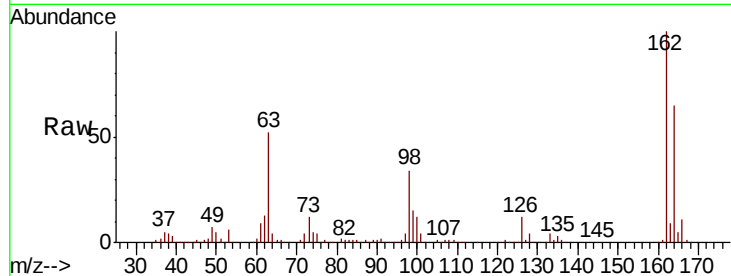




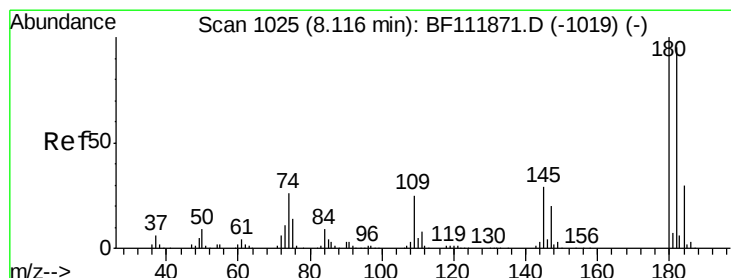
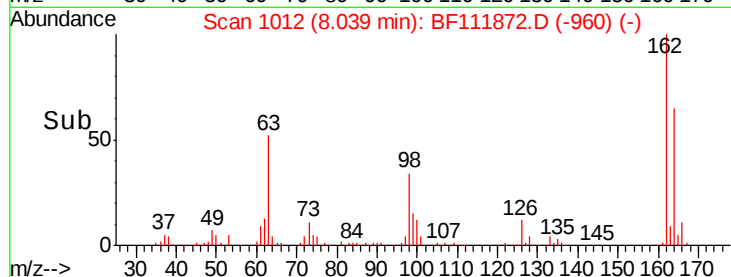
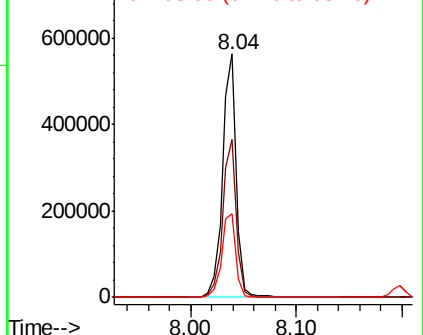
#29
2,4-Dichlorophenol
Concen: 49.073 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 513044
Ion Ratio Lower Upper
162 100
164 64.7 42.1 82.1
98 34.1 17.2 57.2

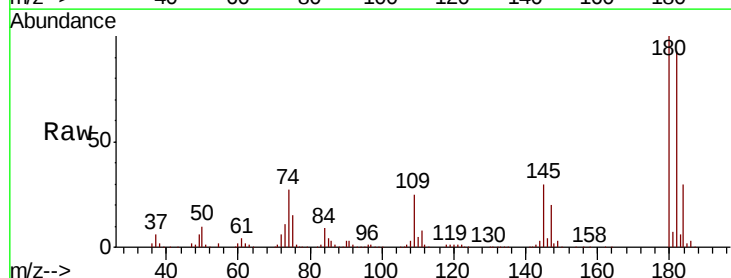


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

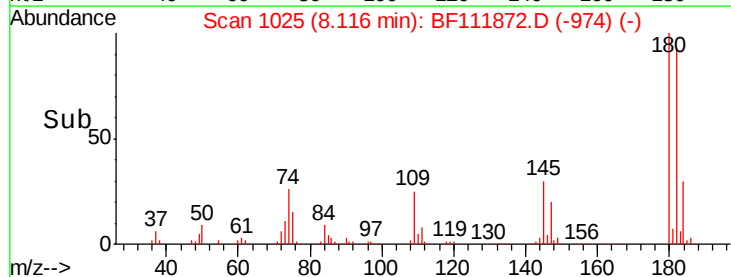
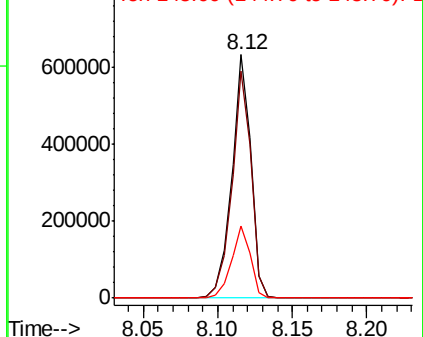


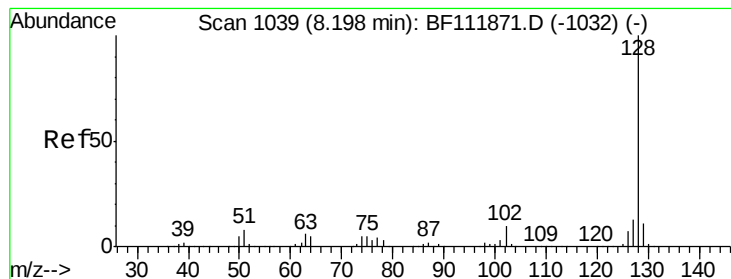
#30
1,2,4-Trichlorobenzene
Concen: 48.964 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:180 Resp: 570439
Ion Ratio Lower Upper
180 100
182 93.2 76.2 114.4
145 29.6 23.4 35.2



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: 48.186 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampled :

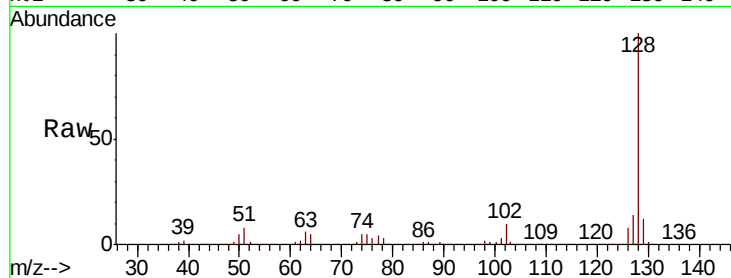
Tot Ion:128 Resp: 1563265

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

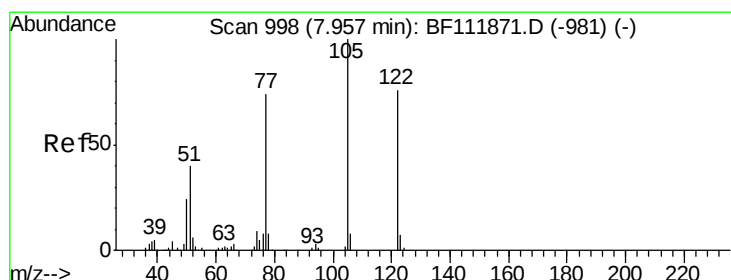
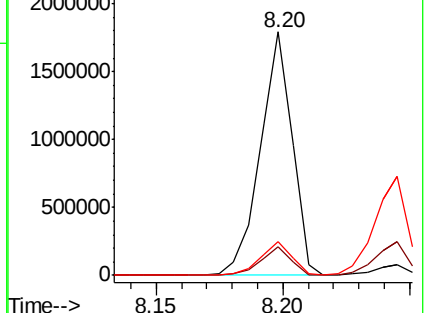
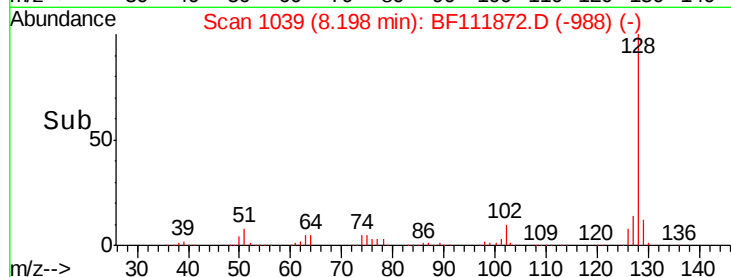
127 13.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.009 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

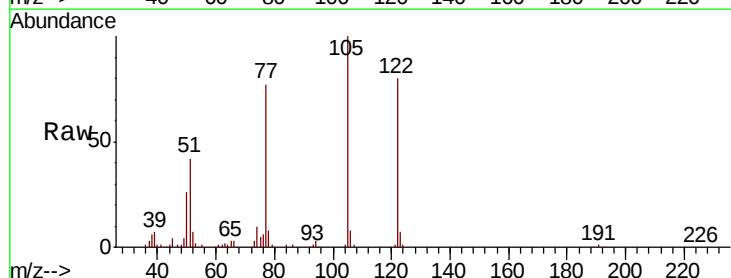
Tgt Ion:122 Resp: 314965

Ion Ratio Lower Upper

122 100

105 124.6 107.9 147.9

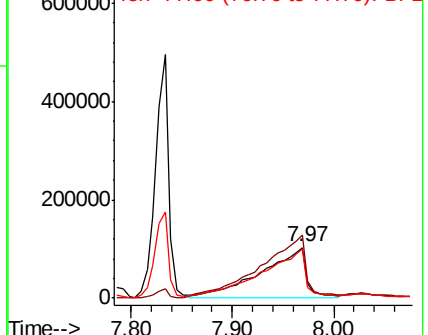
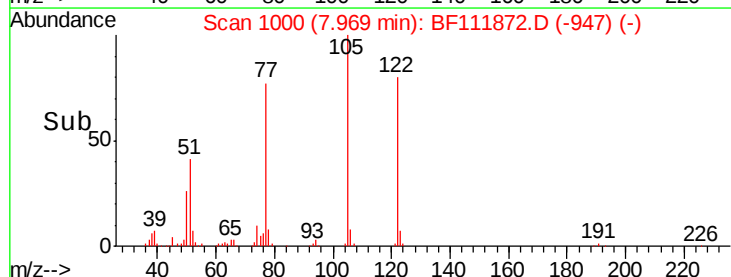
77 96.4 76.6 116.6

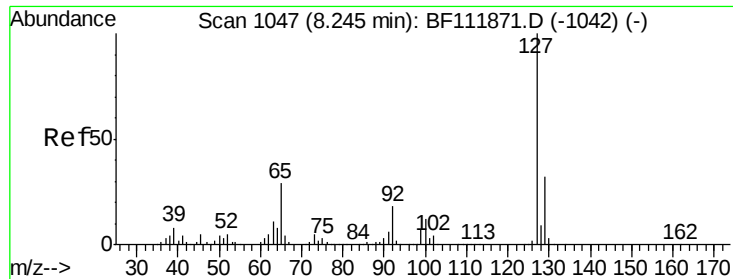


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

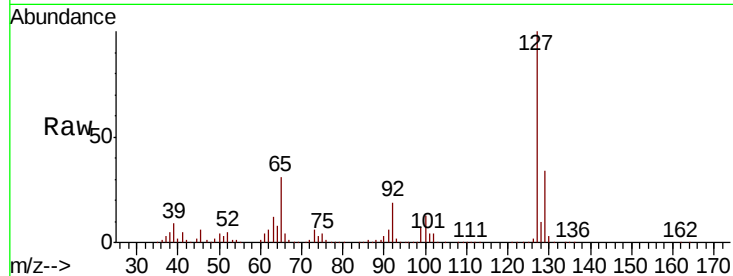




#33
4-Chloroaniline
Concen: 48.372 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.5	25.8	38.6	
65	31.0	23.5	35.3	
92	19.3	14.2	21.2	



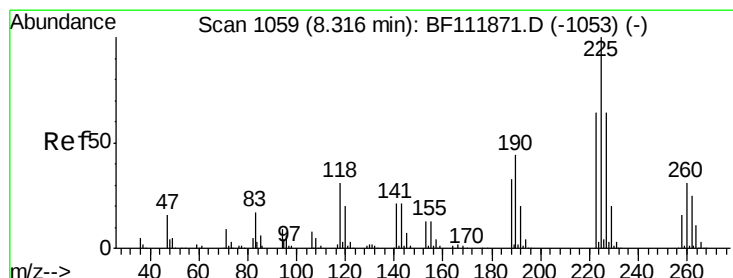
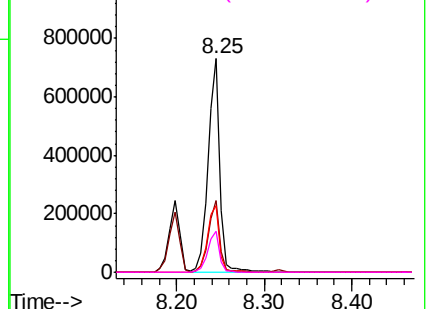
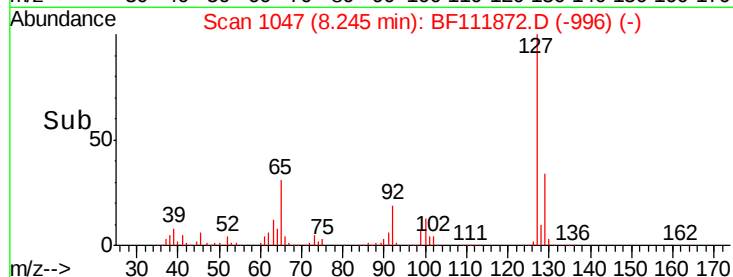
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

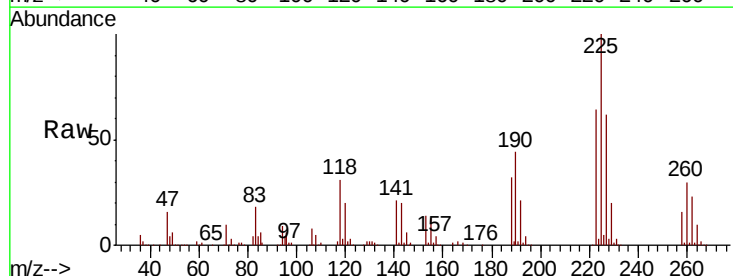
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 50.623 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.8	50.9	76.3	
227	62.2	51.4	77.0	

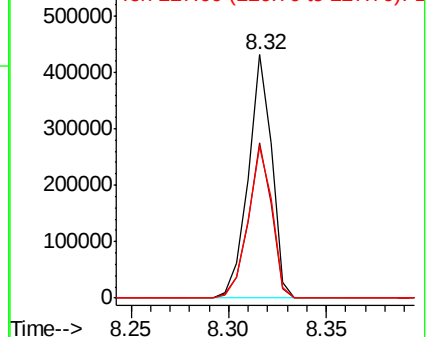
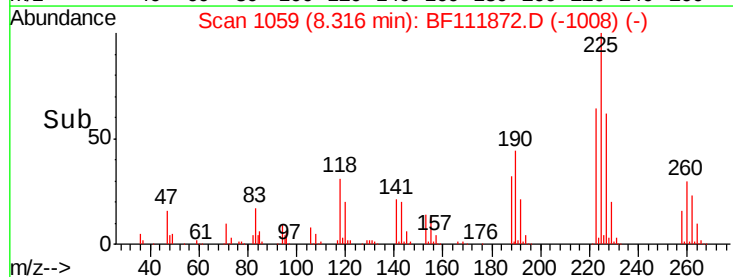


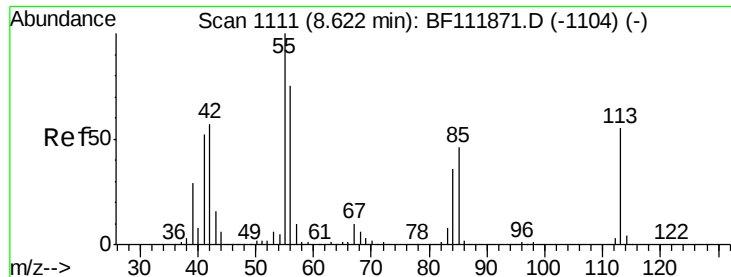
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

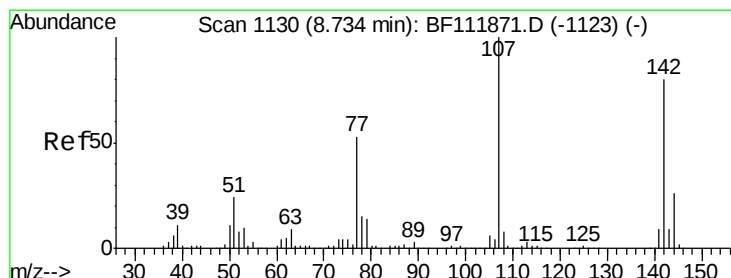
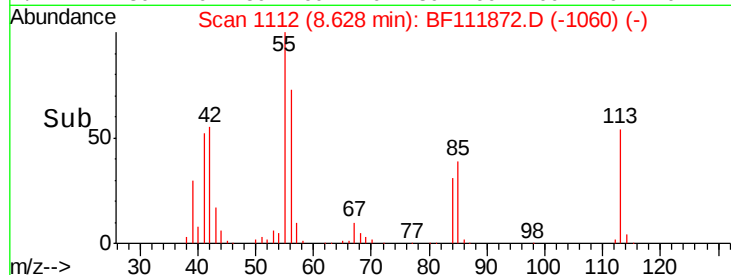
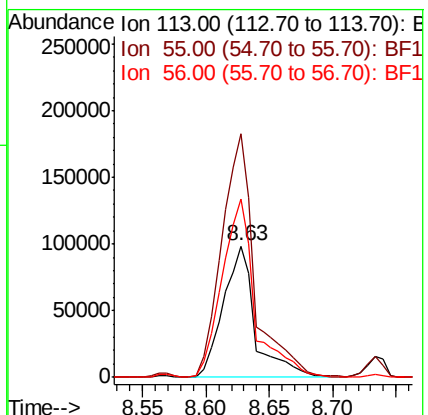
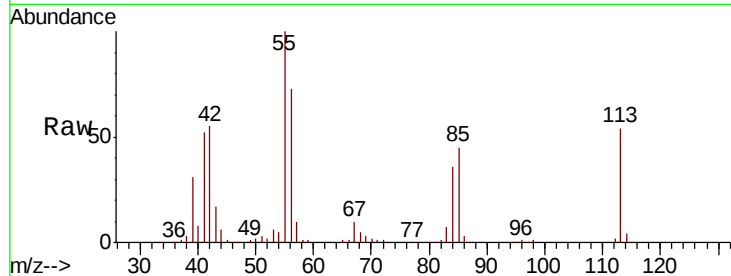




#35
Caprolactam
Concen: 48.688 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

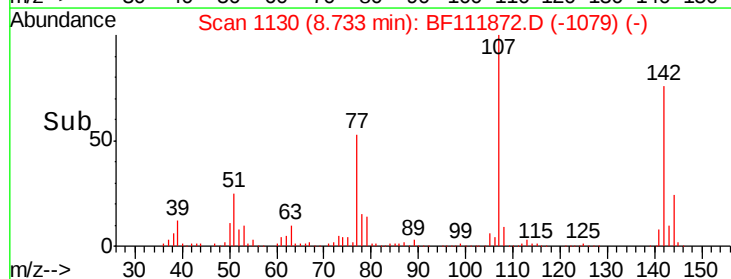
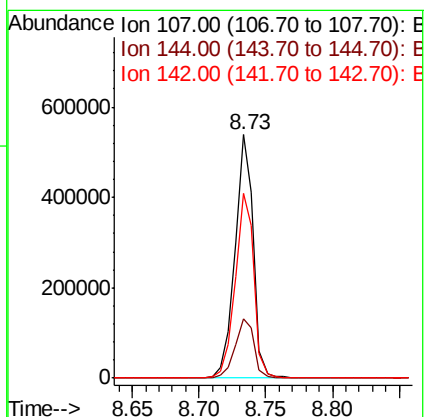
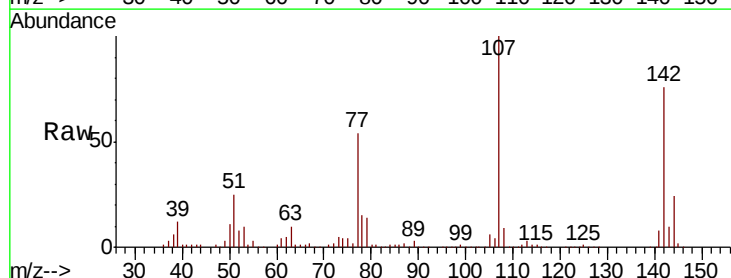
Instrument :
BNA_F
ClientSampled :

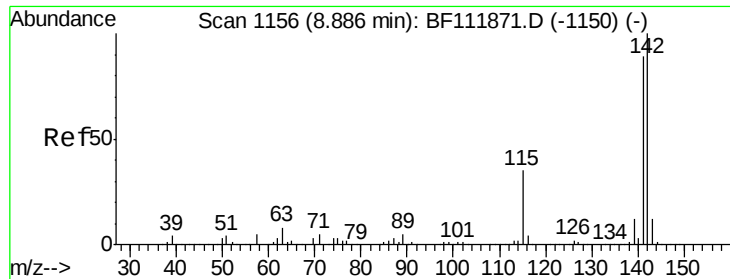
Tot Ion:113 Resp: 172481
Ion Ratio Lower Upper
113 100
55 185.3 162.0 202.0
56 135.5 116.0 156.0



#36
4-Chloro-3-methylphenol
Concen: 50.459 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:107 Resp: 518559
Ion Ratio Lower Upper
107 100
144 24.1 20.7 31.1
142 75.7 63.9 95.9

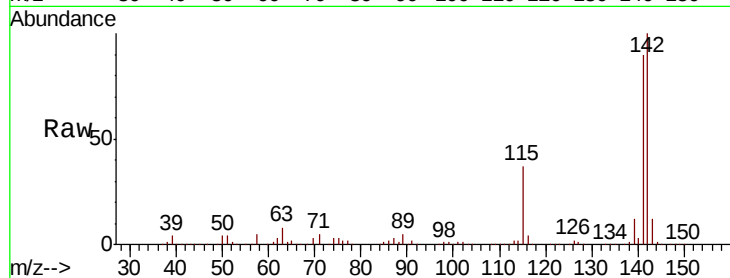




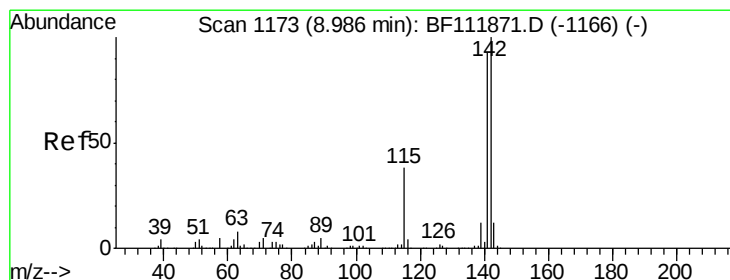
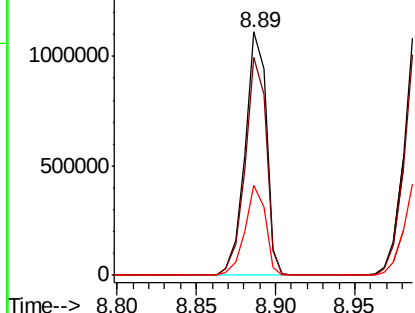
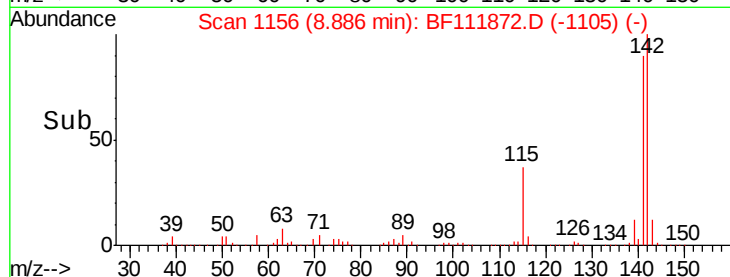
#37
2-Methylnaphthalene
Concen: 49.053 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1035381
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 36.8 28.3 42.5

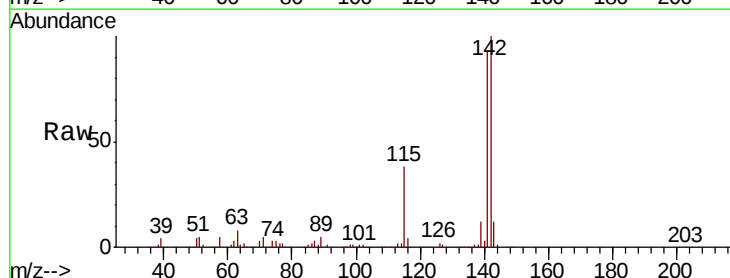


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

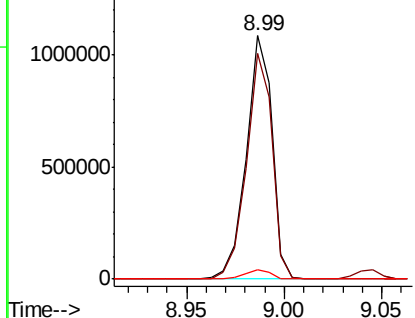
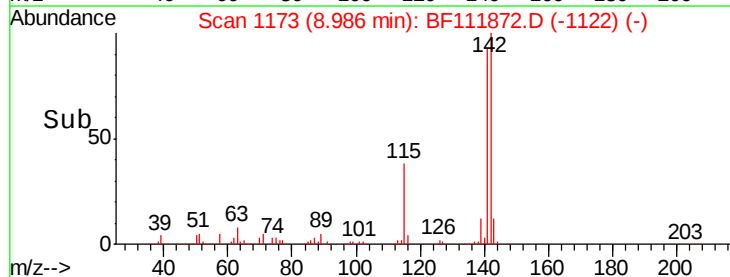


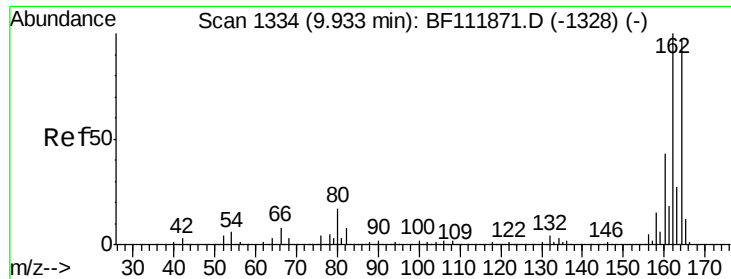
#38
1-Methylnaphthalene
Concen: 48.821 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:142 Resp: 989689
Ion Ratio Lower Upper
142 100
141 92.9 74.8 112.2
116 4.1 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

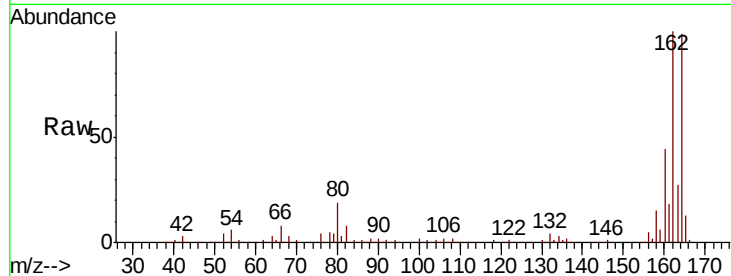




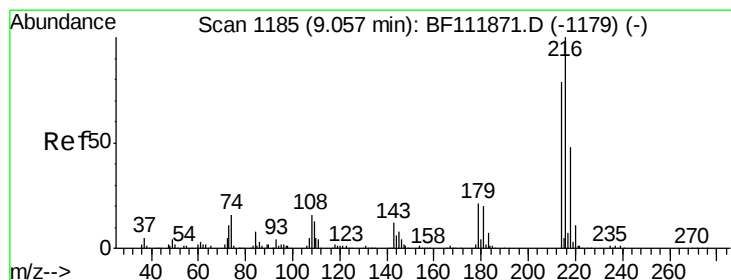
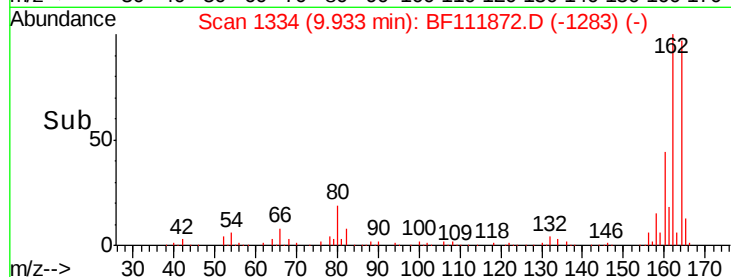
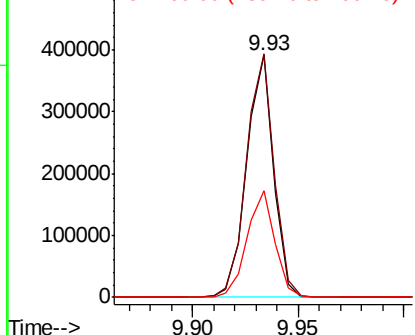
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 345074
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 44.2 35.5 53.3

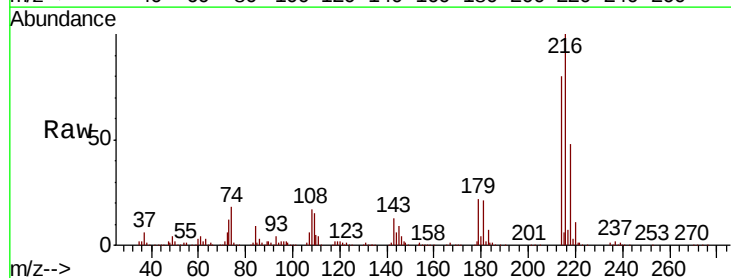


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

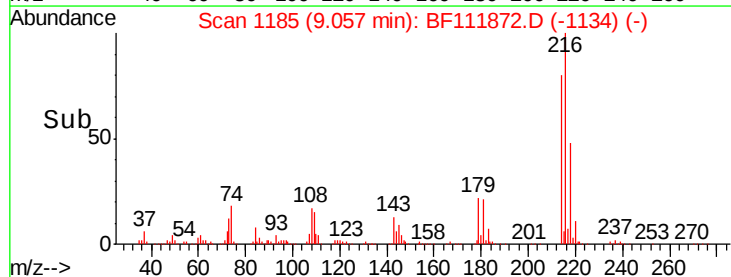
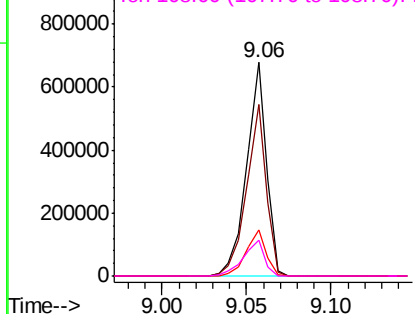


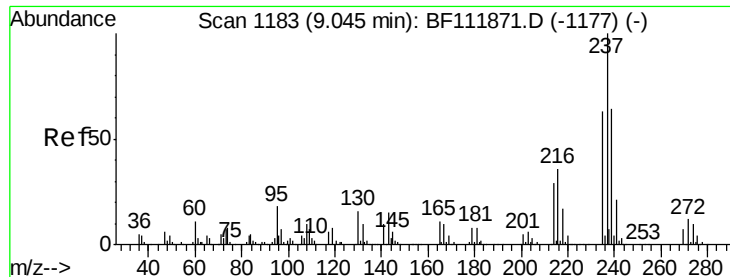
#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.486 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:216 Resp: 561127
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 21.5 17.0 25.6
108 18.3 14.6 22.0



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: 61.949 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

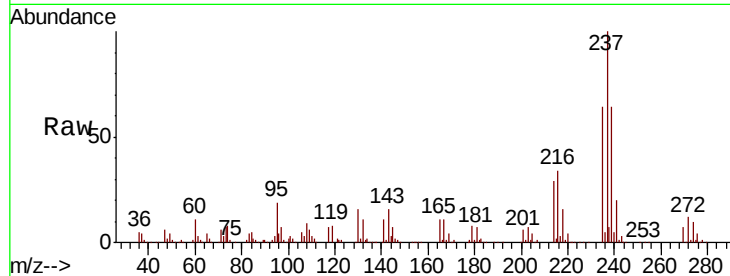
Tot Ion:237 Resp: 340872

Ion Ratio Lower Upper

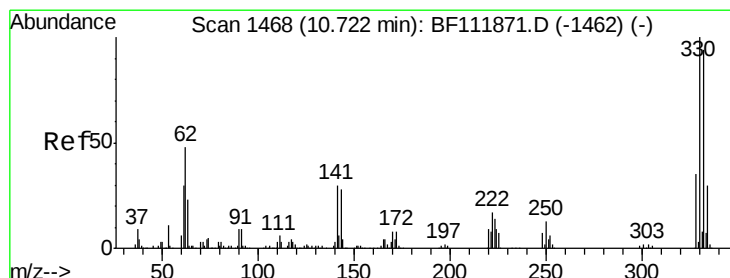
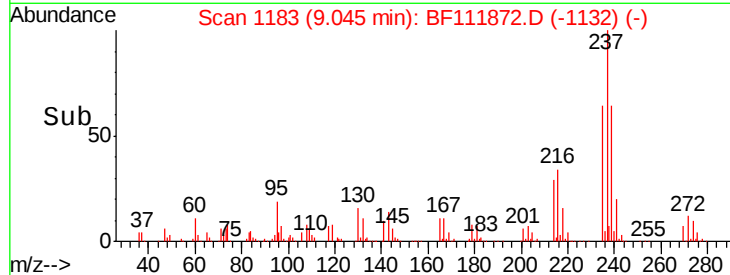
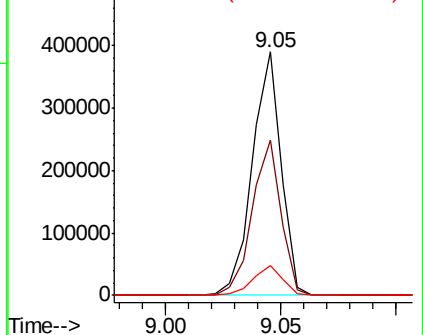
237 100

235 63.8 42.6 82.6

272 12.3 0.0 32.3



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: 106.326 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

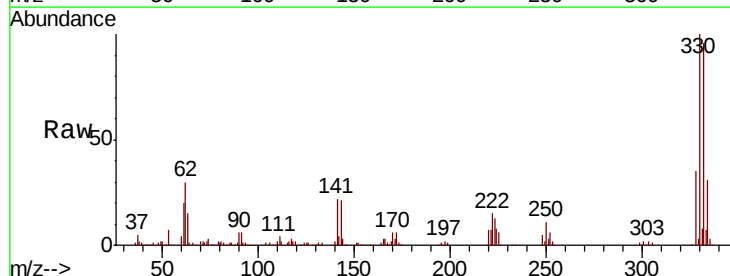
Tgt Ion:330 Resp: 433526

Ion Ratio Lower Upper

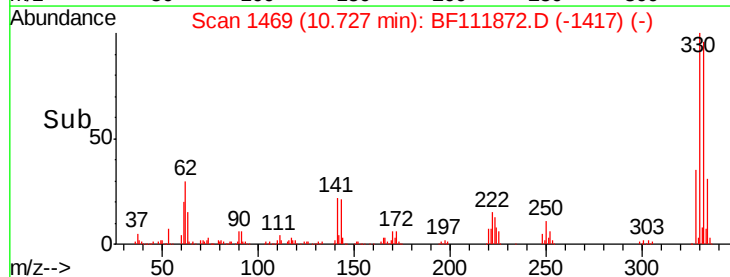
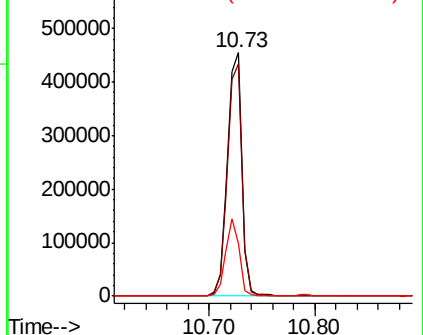
330 100

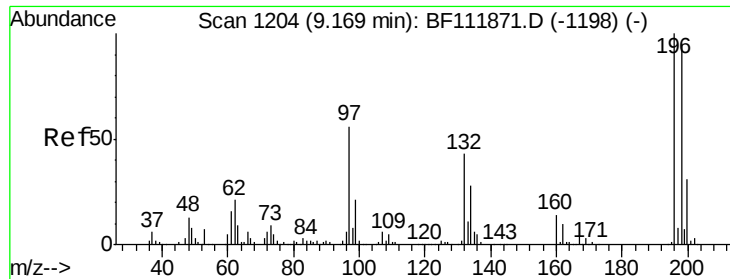
332 96.1 76.9 115.3

141 29.9 23.7 35.5



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

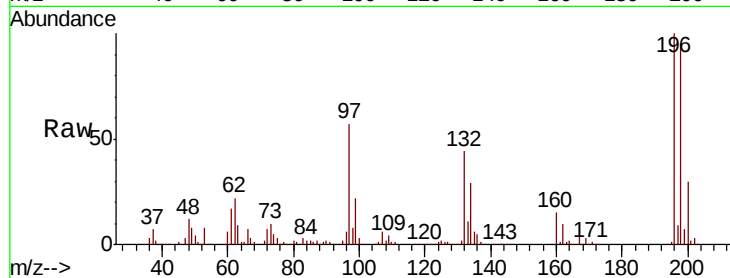




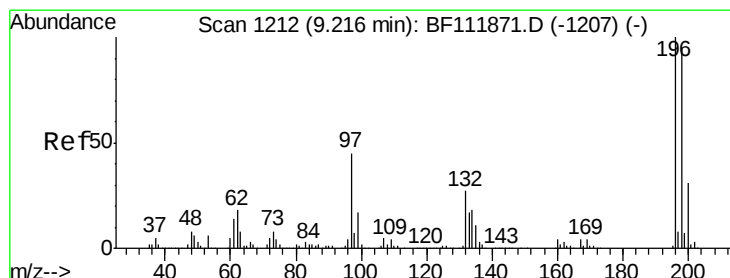
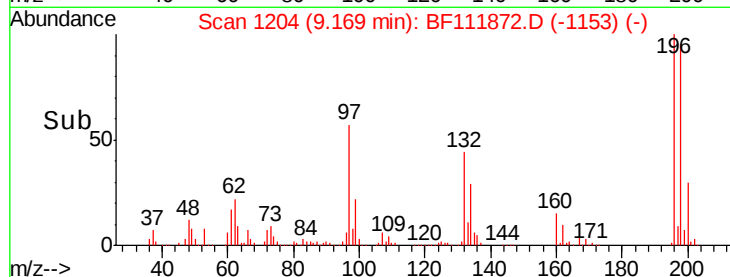
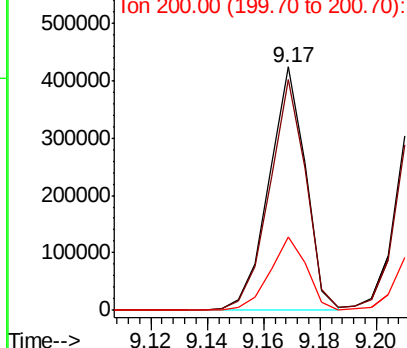
#43
 2,4,6-Trichlorophenol
 Concen: 50.224 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 380226
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.8 113.8
 200 30.2 24.5 36.7

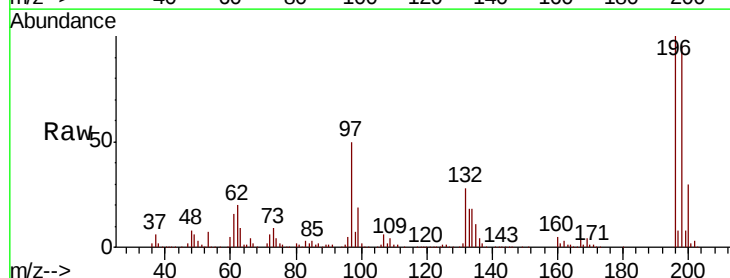


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

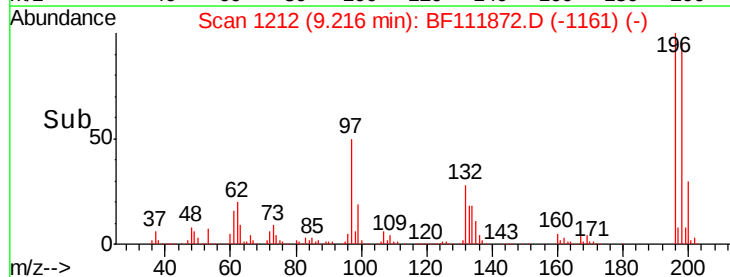
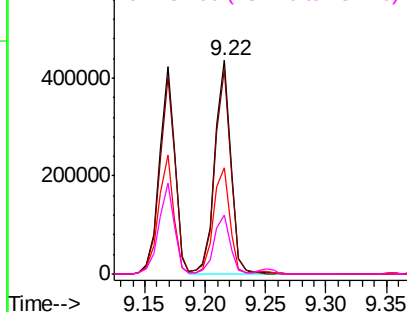


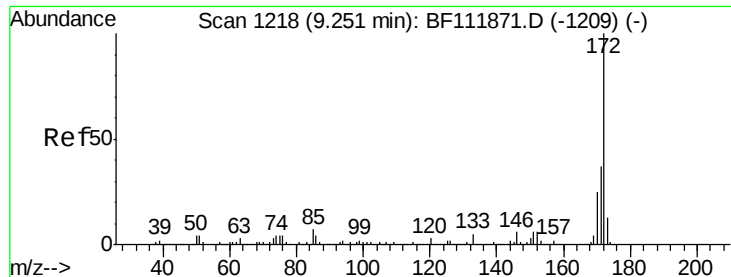
#44
 2,4,5-Trichlorophenol
 Concen: 50.778 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion:196 Resp: 394371
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 97 49.5 36.4 54.6
 132 27.9 21.7 32.5



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

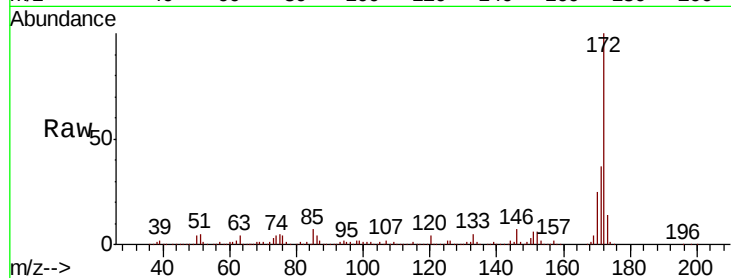




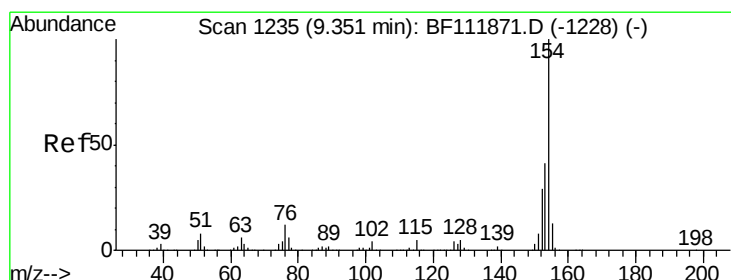
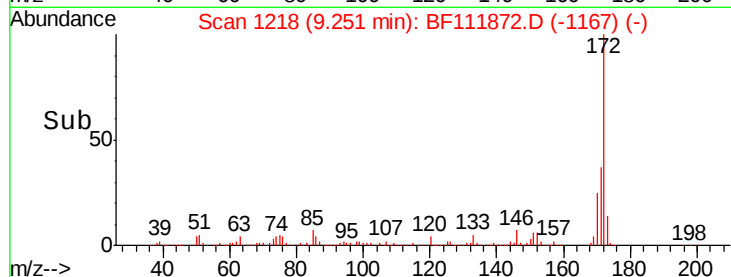
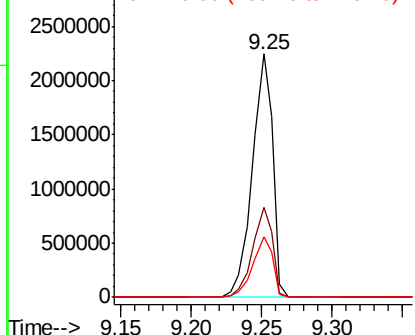
#45
2-Fluorobiphenyl
Concen: 96.287 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2279549
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.8

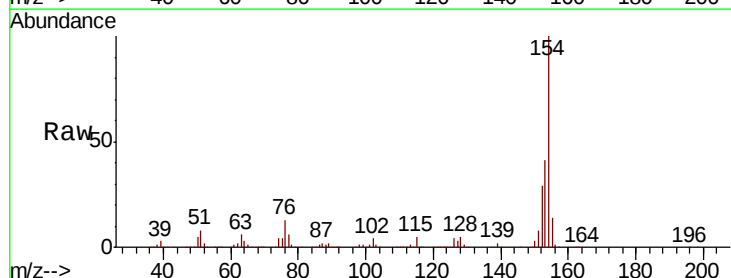


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

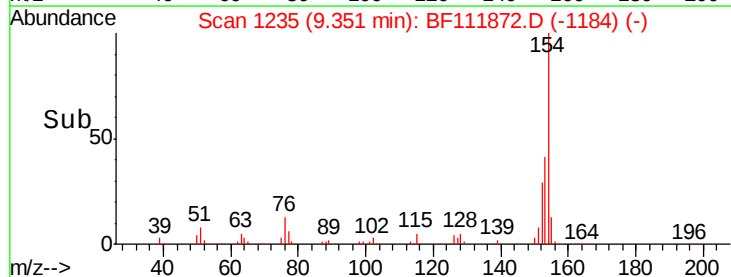
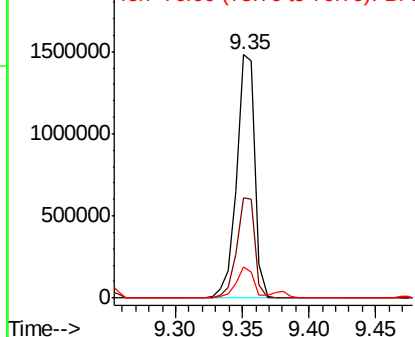


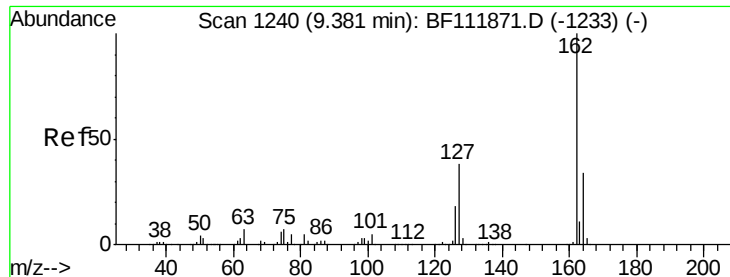
#46
1,1'-Biphenyl
Concen: 48.744 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:154 Resp: 1419874
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 13.0 0.0 32.3



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

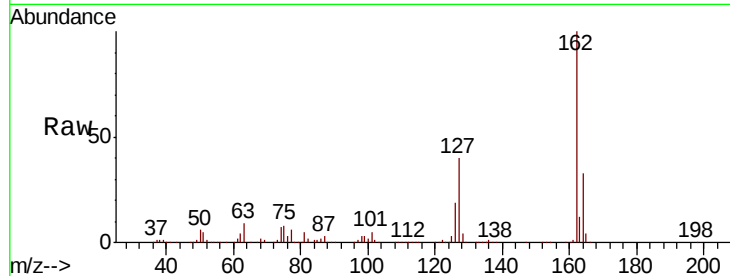




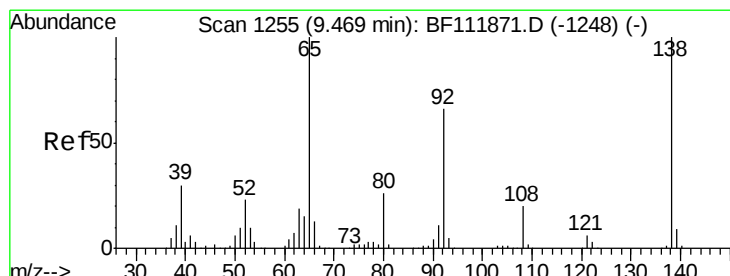
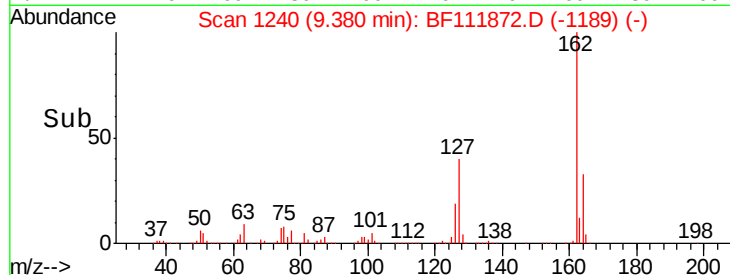
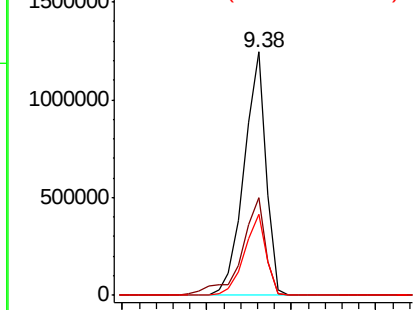
#47
2-Chloronaphthalene
Concen: 48.810 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1126493
Ion Ratio Lower Upper
162 100
127 40.4 31.2 46.8
164 33.4 27.0 40.6

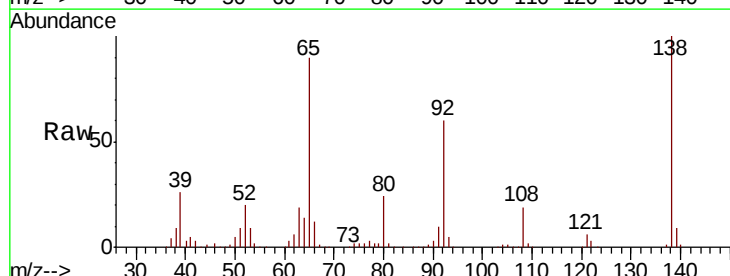


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

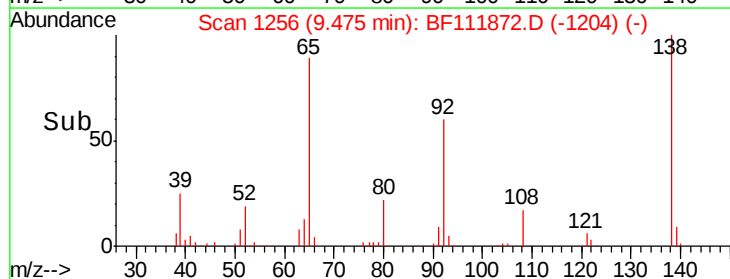
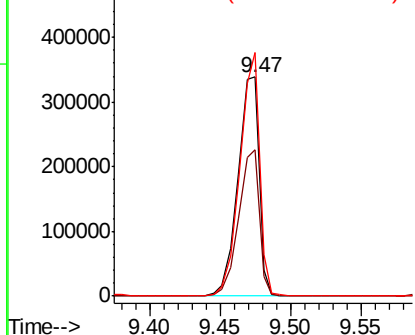


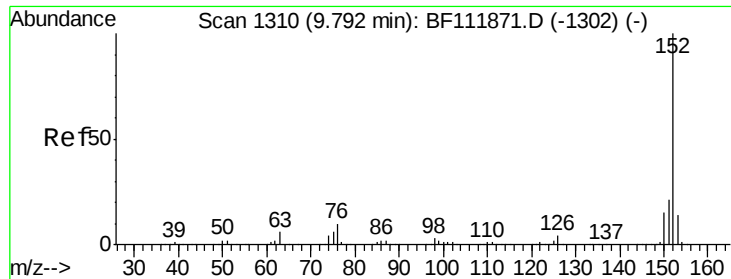
#48
2-Nitroaniline
Concen: 59.112 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion: 65 Resp: 354906
Ion Ratio Lower Upper
65 100
92 67.0 52.5 78.7
138 111.3 79.8 119.6



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: 48.759 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

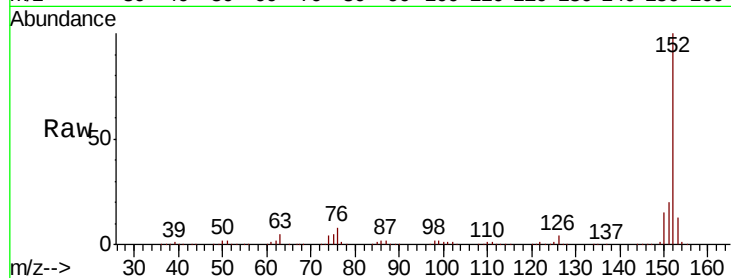
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1643033

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	12.9	11.0	16.4

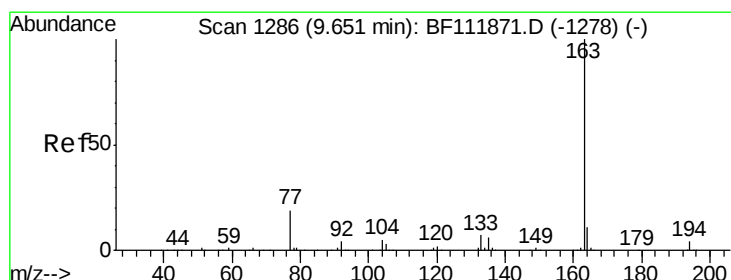
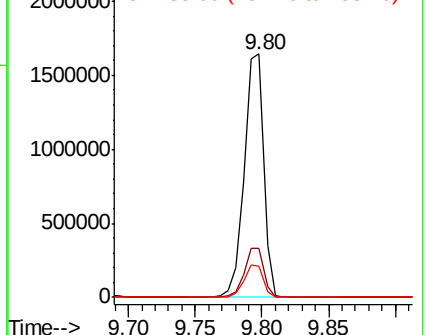
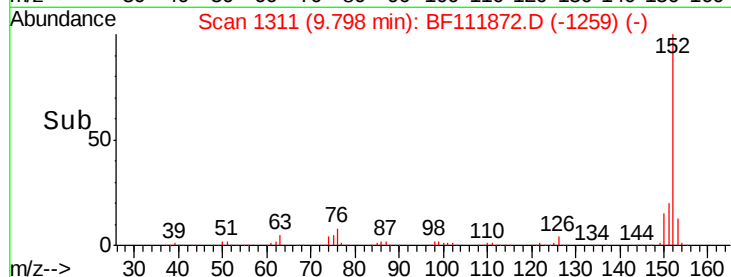


Abundance

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: 50.437 ng

RT: 9.66 min Scan# 1287

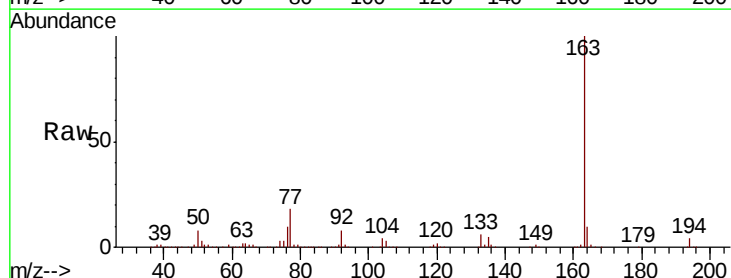
Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Tgt Ion:163 Resp: 1272751

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.5	12.7

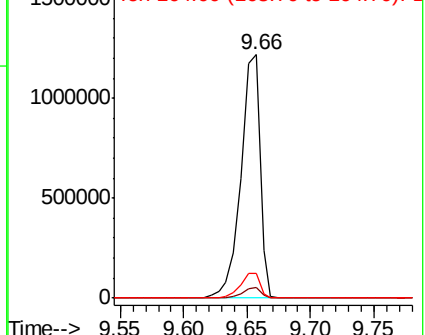
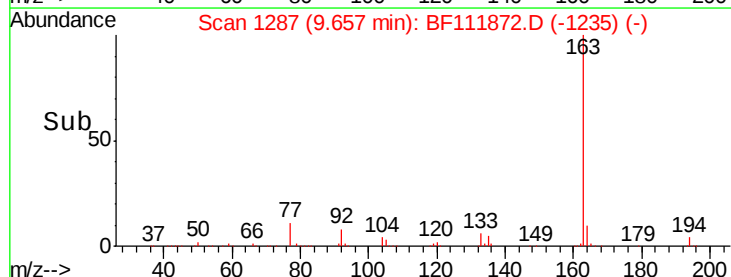


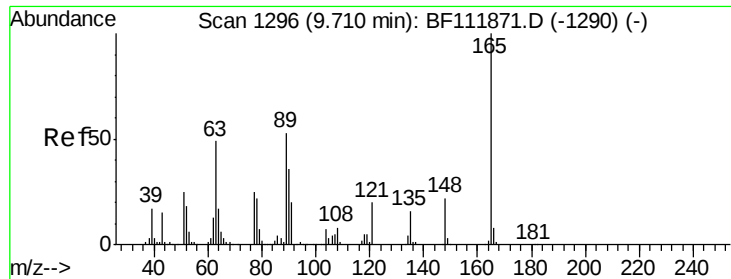
Abundance

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

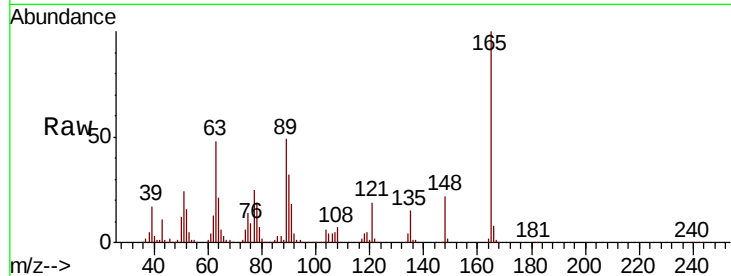




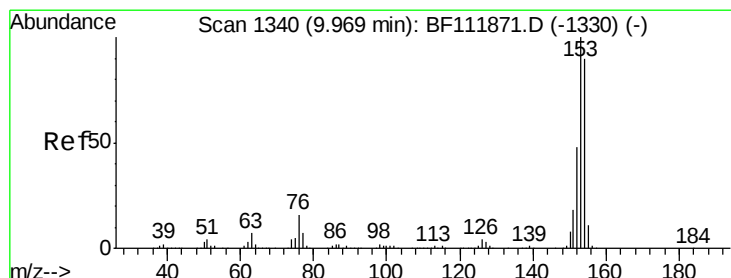
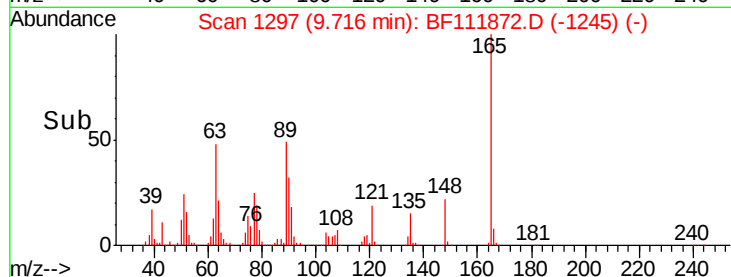
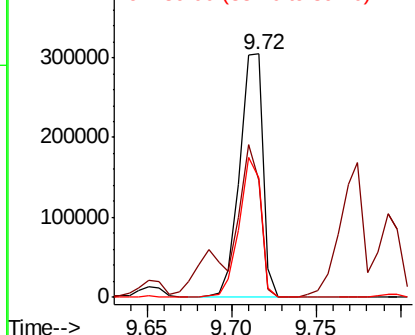
#51
 2,6-Dinitrotoluene
 Concen: 58.085 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 292268
 Ion Ratio Lower Upper
 165 100
 63 47.8 46.2 69.2
 89 48.8 42.2 63.2

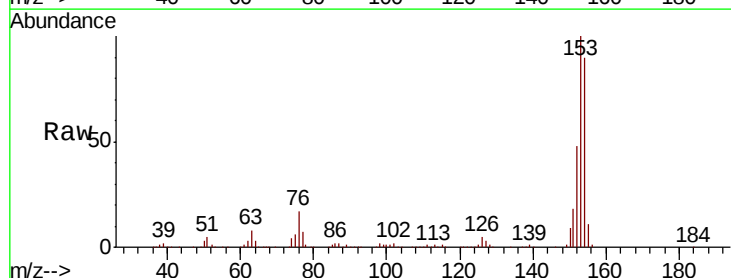


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

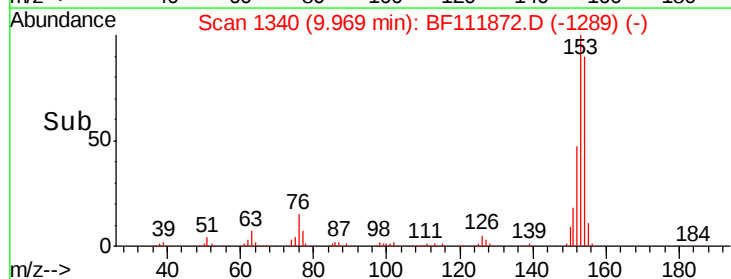
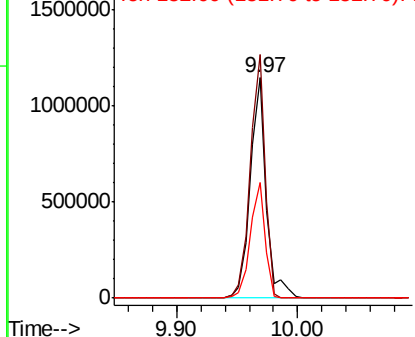


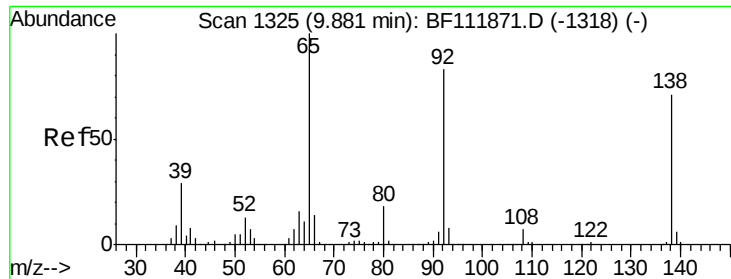
#52
 Acenaphthene
 Concen: 50.828 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion:154 Resp: 1056345
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.4 134.0
 152 52.6 43.1 64.7



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

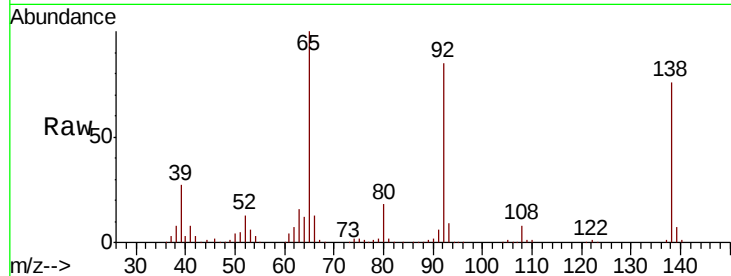




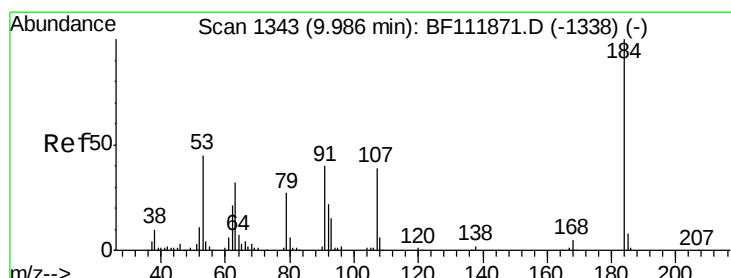
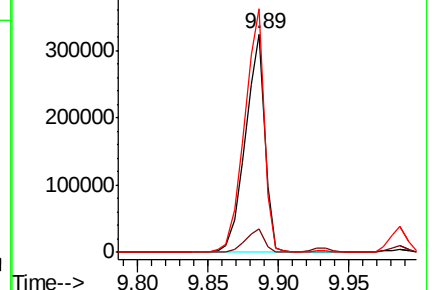
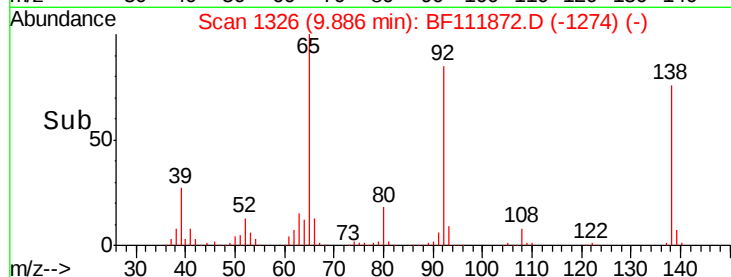
#53
3-Nitroaniline
Concen: 57.913 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 310777
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 111.6 93.5 140.3

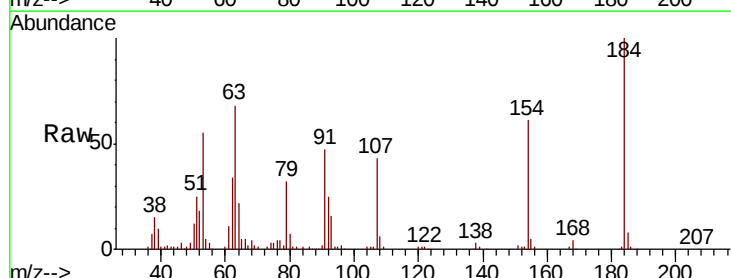


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

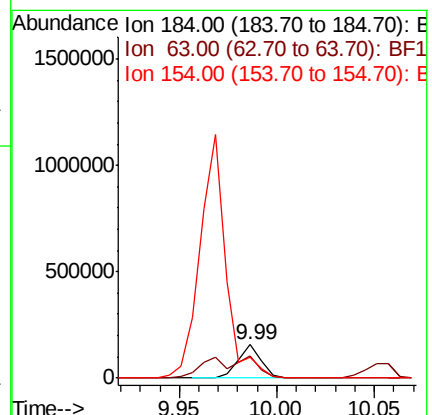
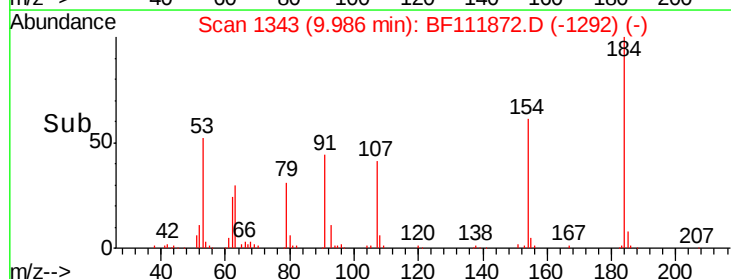


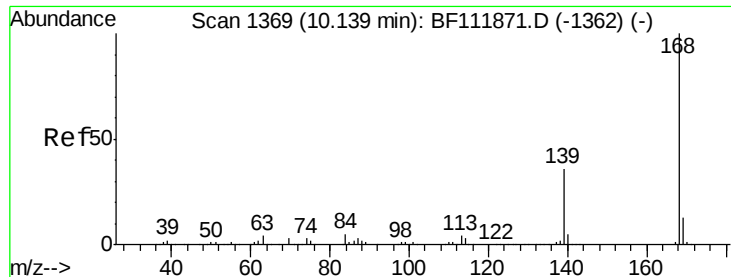
#54
2,4-Dinitrophenol
Concen: 96.113 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:184 Resp: 130503
Ion Ratio Lower Upper
184 100
63 68.5 46.9 70.3
154 61.4 46.9 70.3



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

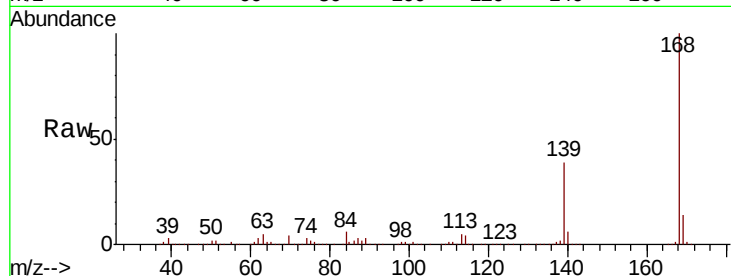




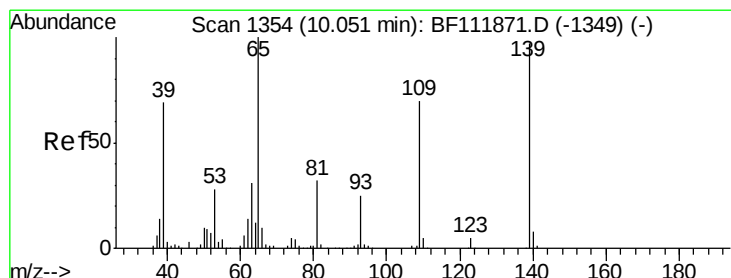
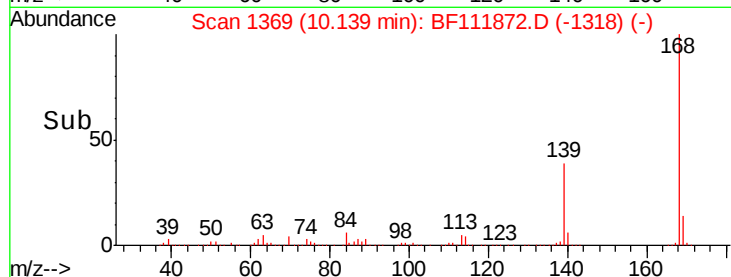
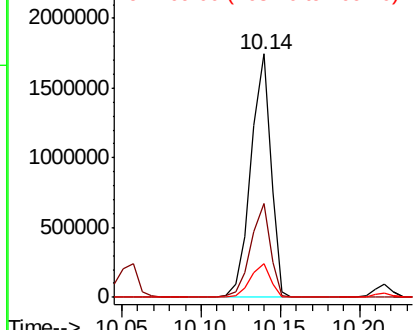
#55
Dibenzofuran
Concen: 48.634 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1527021
Ion Ratio Lower Upper
168 100
139 38.8 29.3 43.9
169 13.7 10.6 16.0

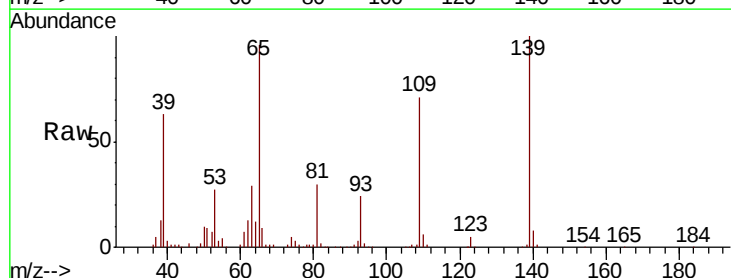


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

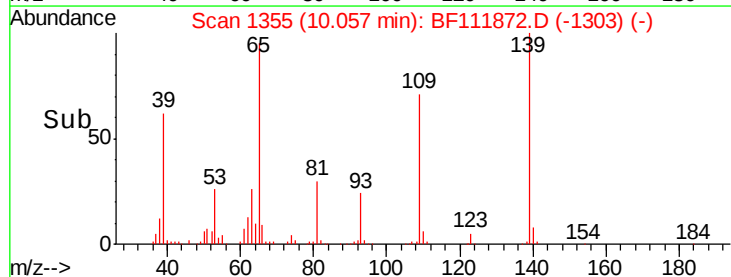
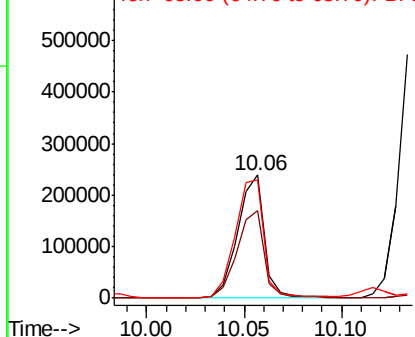


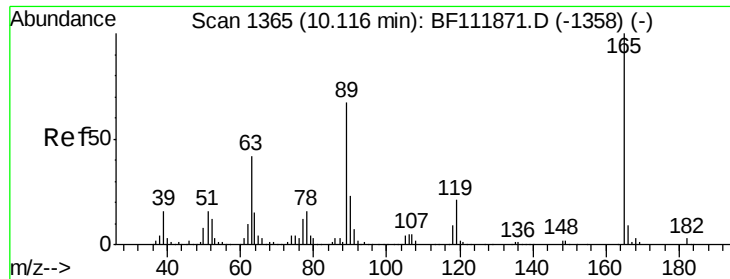
#56
4-Nitrophenol
Concen: 55.289 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:139 Resp: 226425
Ion Ratio Lower Upper
139 100
109 70.8 52.2 92.2
65 95.7 83.1 123.1



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

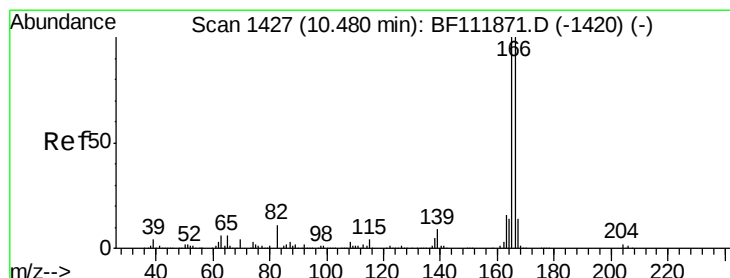
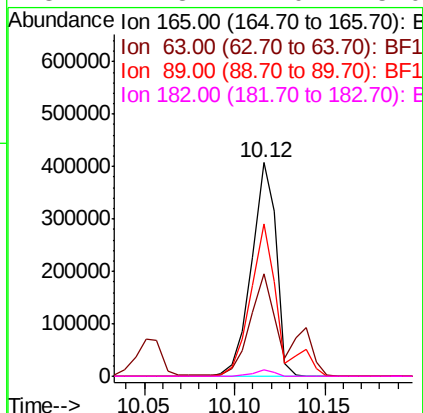
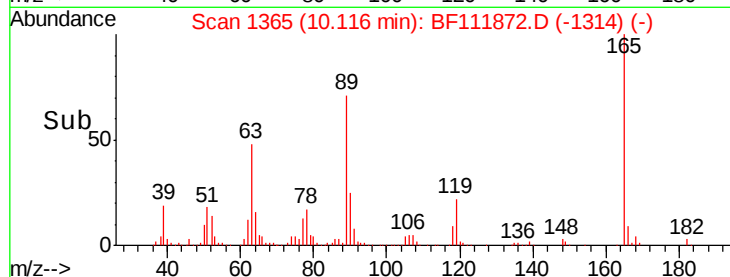
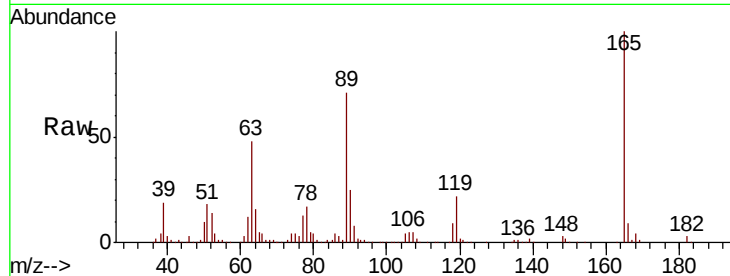




#57
2,4-Dinitrotoluene
Concen: 63.607 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

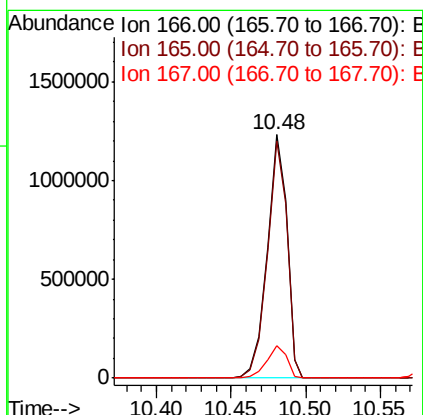
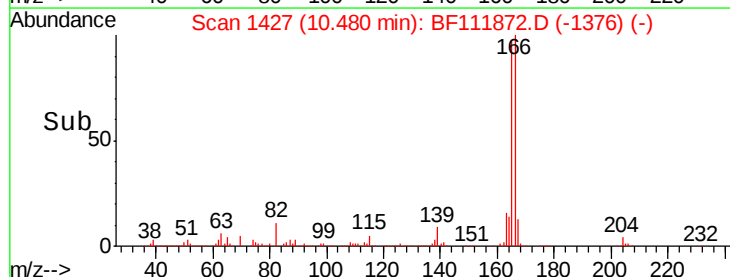
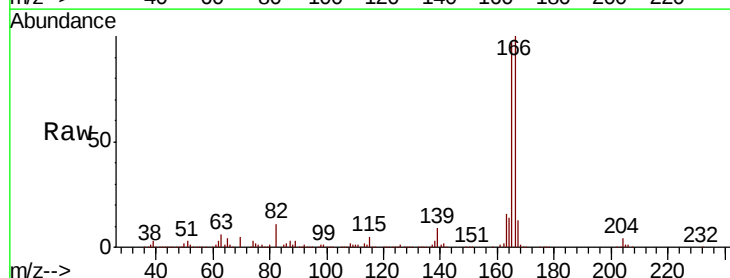
Instrument :
BNA_F
ClientSampleId :

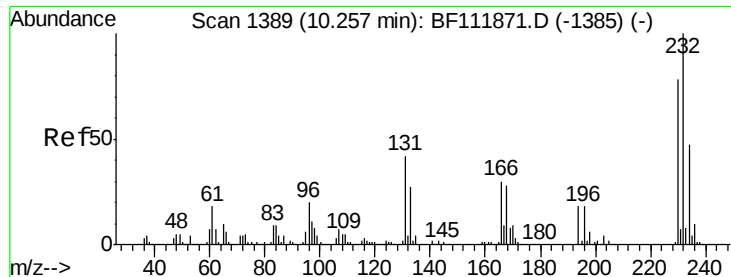
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	34.1	51.1
89	71.4	53.5	80.3
182	2.8	2.0	3.0



#58
Fluorene
Concen: 49.371 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.7	119.5
167	13.5	11.1	16.7

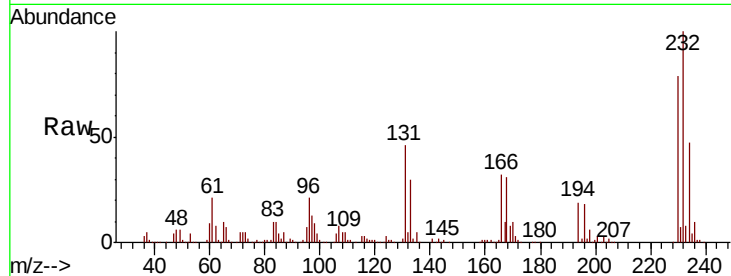




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.272 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.0	51.0
130	2.0	1.6	2.4
166	29.6	23.4	35.0



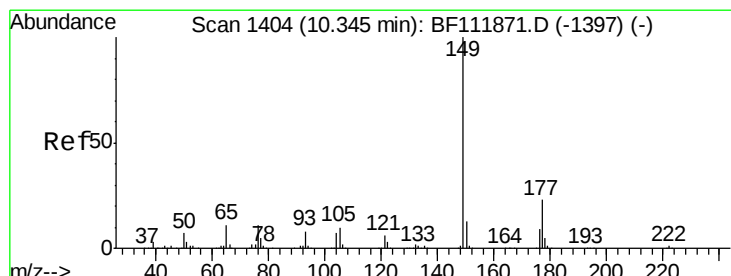
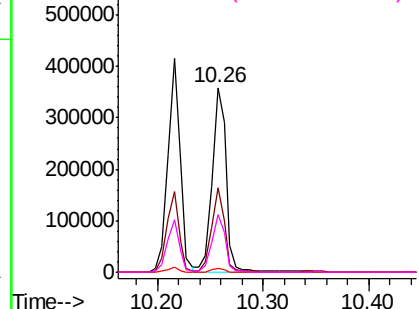
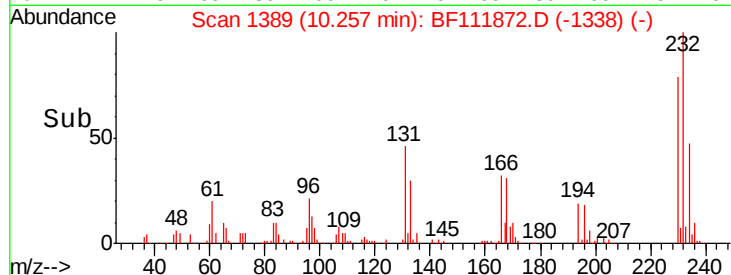
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

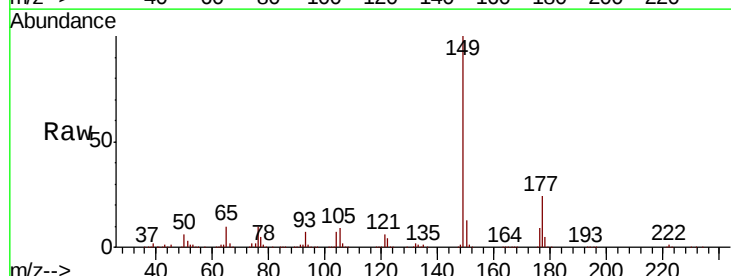
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.099 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	12.8	10.2	15.4

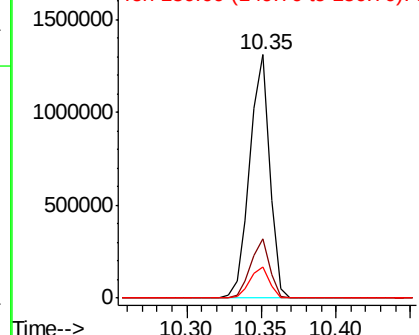
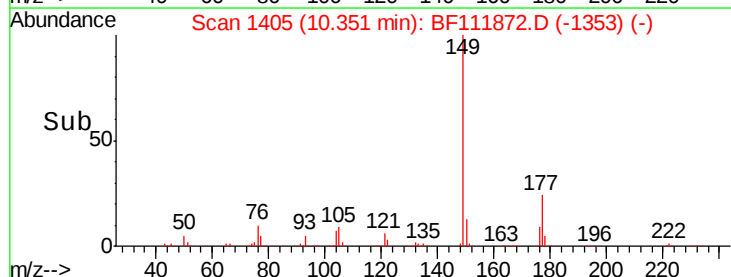


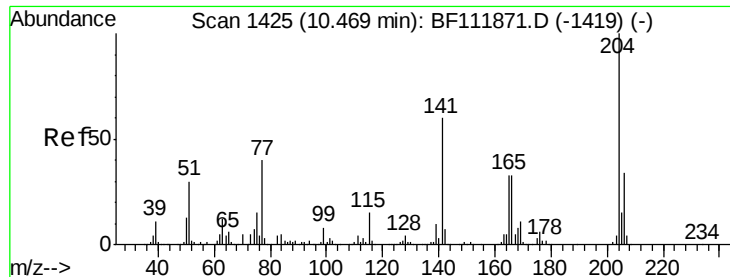
Abundance

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

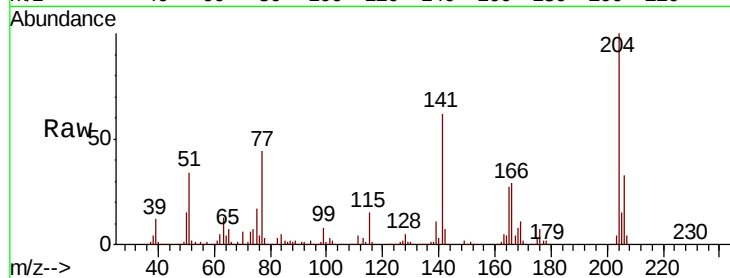




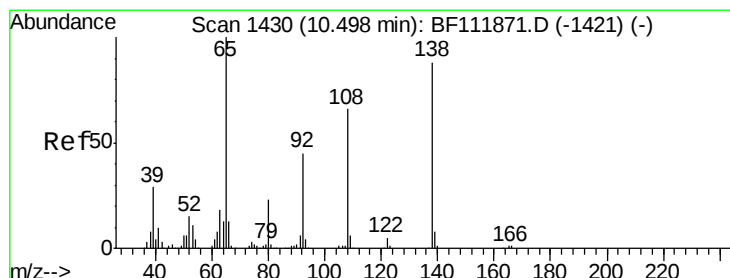
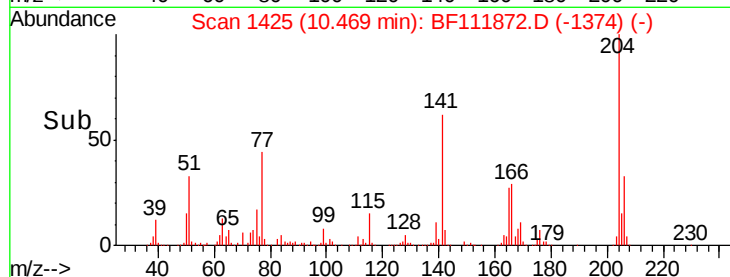
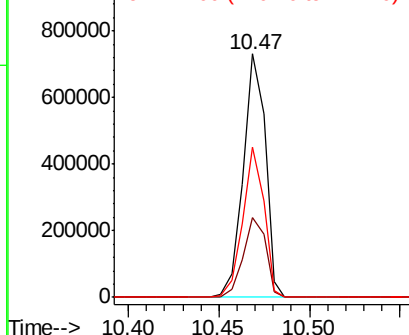
#61
4-Chlorophenyl-phenylether
Concen: 49.455 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 618200
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 61.9 47.9 71.9

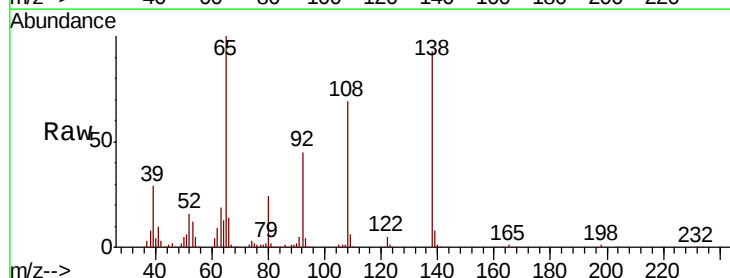


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

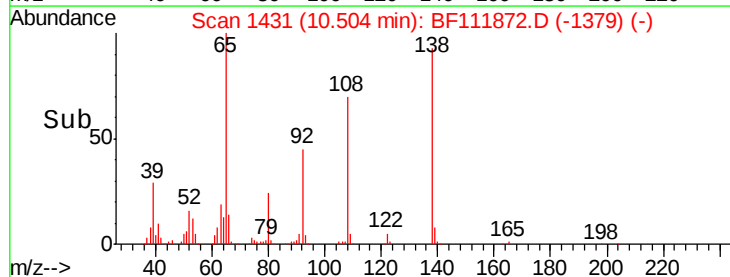
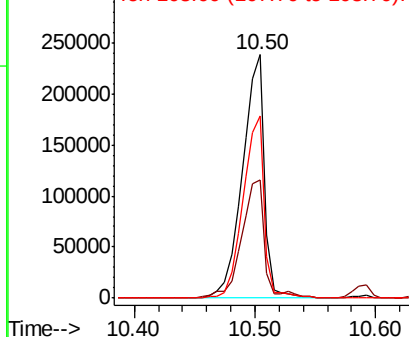


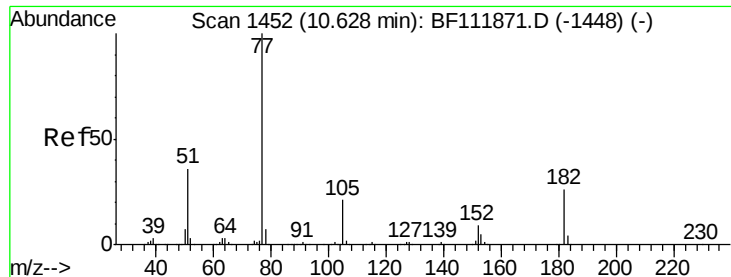
#62
4-Nitroaniline
Concen: 57.849 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:138 Resp: 301719
Ion Ratio Lower Upper
138 100
92 48.4 31.0 71.0
108 74.8 54.7 94.7



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





#63

Azobenzene

Concen: 48.015 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1193185

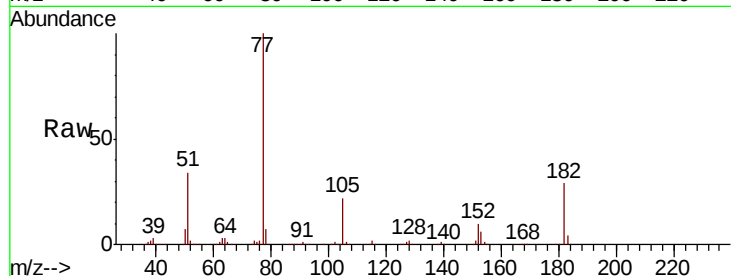
Ion Ratio Lower Upper

77 100

182 29.4 5.7 45.7

105 21.7 0.8 40.8

51 34.2 15.6 55.6

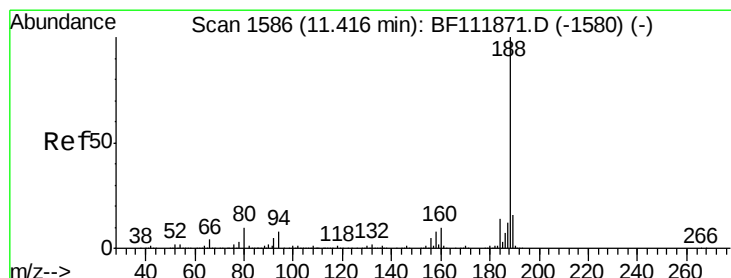
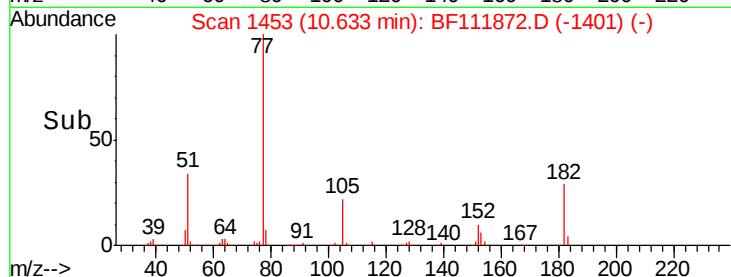
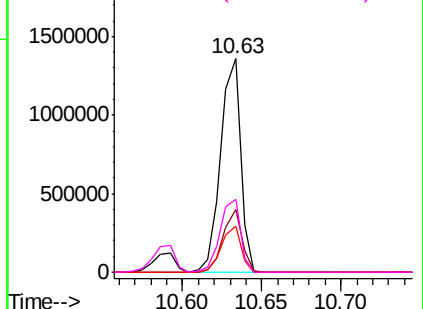


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

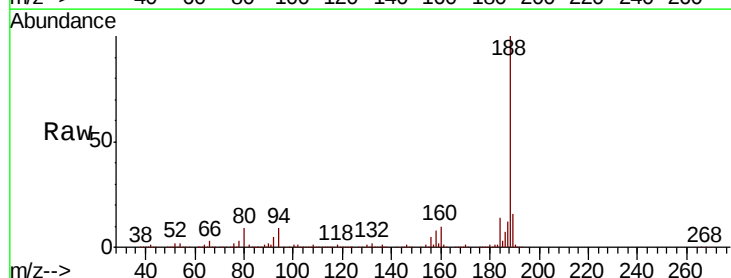
Tgt Ion: 188 Resp: 636719

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

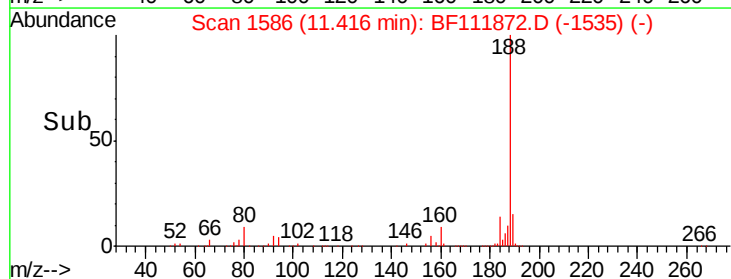
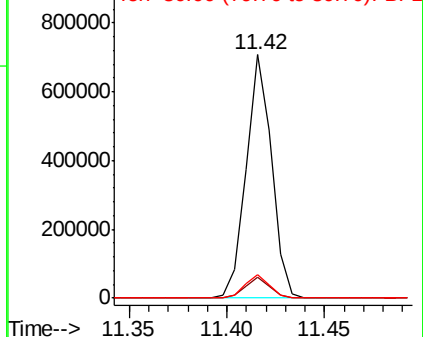
80 9.4 7.7 11.5

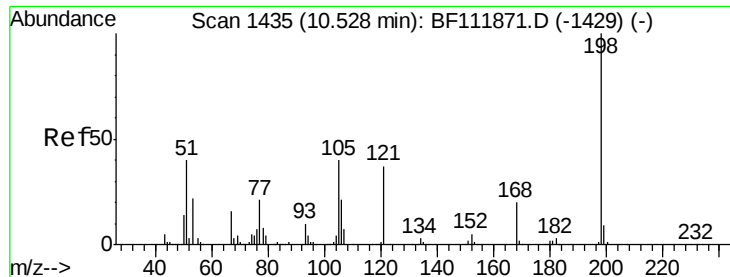


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

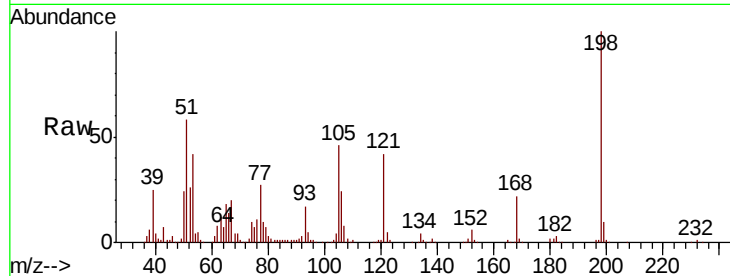




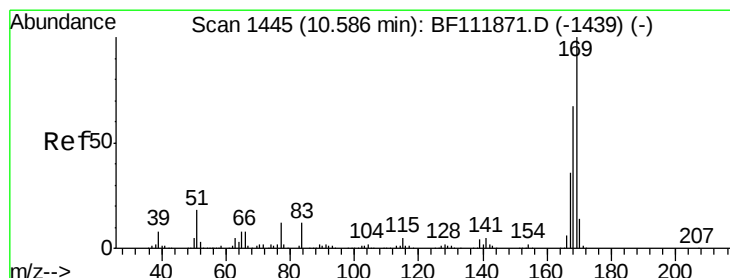
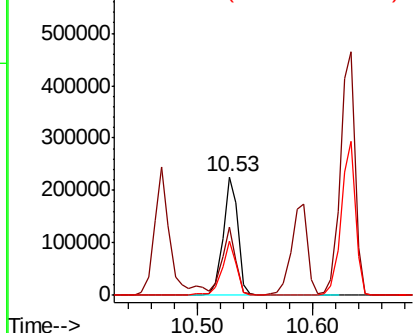
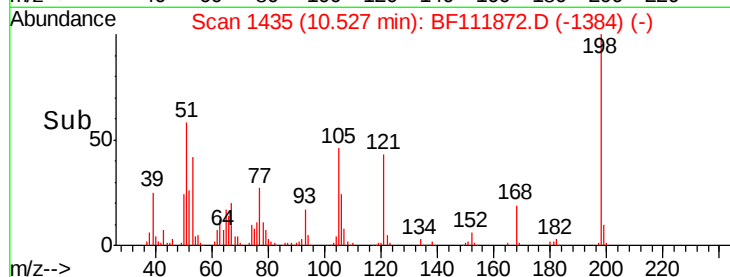
#65
 4,6-Dinitro-2-methylphenol
 Concen: 84.816 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 201739
 Ion Ratio Lower Upper
 198 100
 51 58.1 27.2 67.2
 105 46.0 21.0 61.0

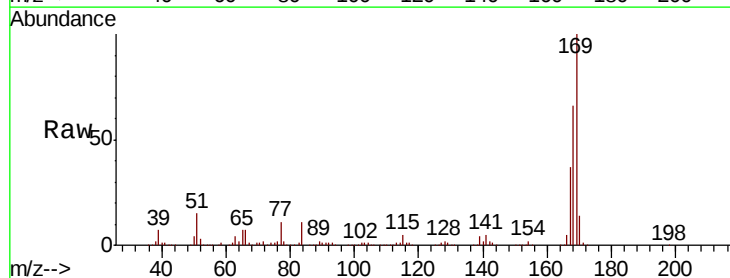


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

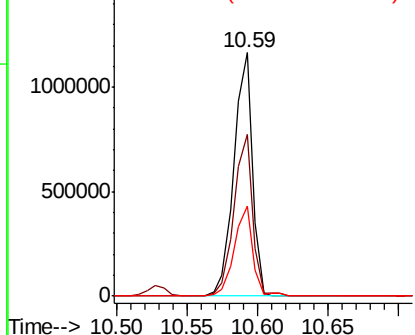
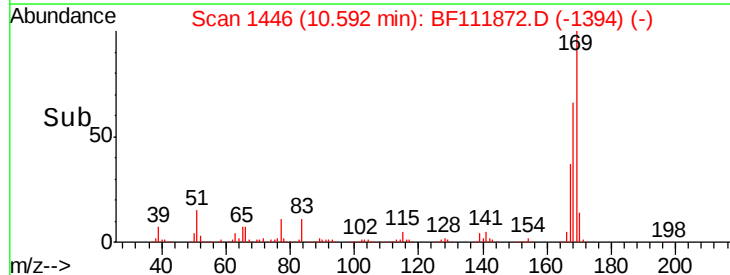


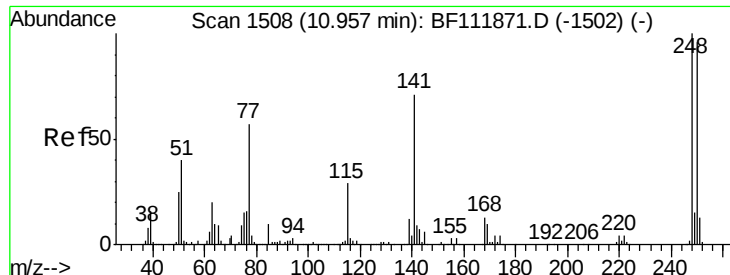
#66
 n-Nitrosodiphenylamine
 Concen: 49.777 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion:169 Resp: 1063899
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.8 80.6
 167 37.0 29.1 43.7



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

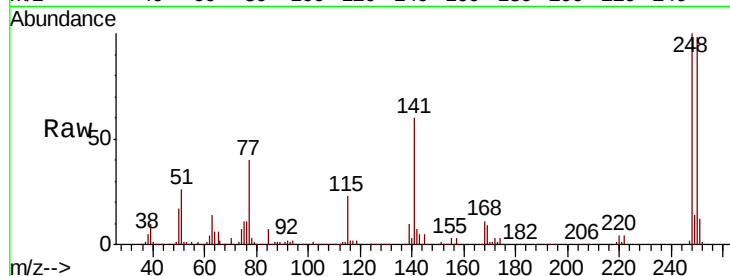




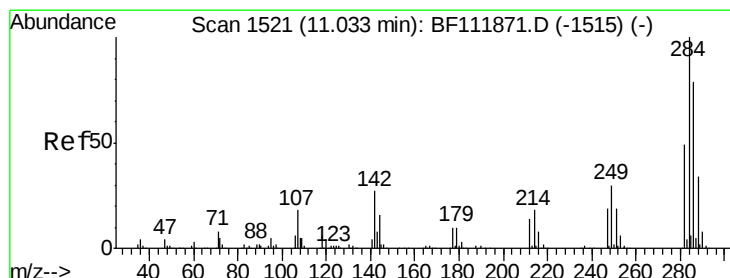
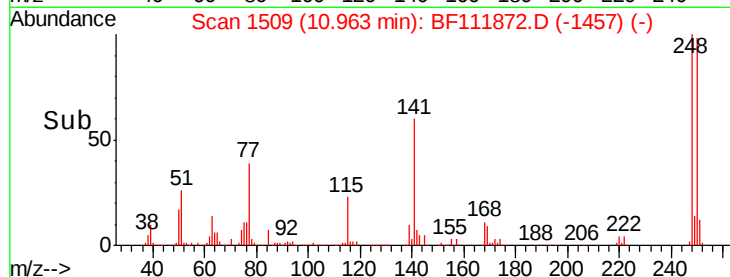
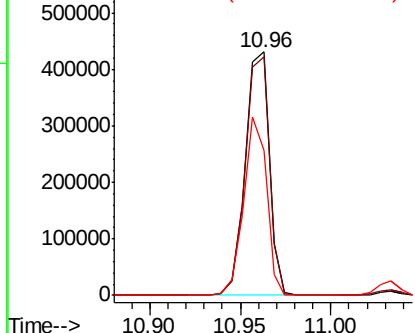
#67
4-Bromophenyl-phenylether
Concen: 50.596 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 399577
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 59.6 57.0 85.6

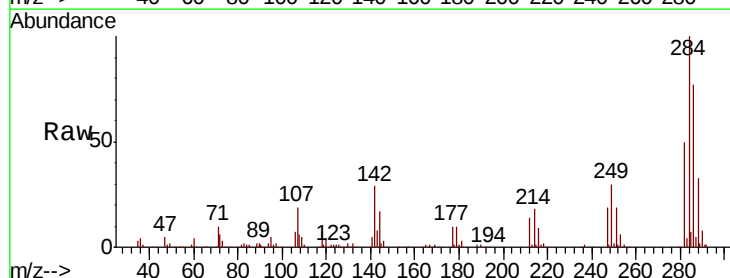


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

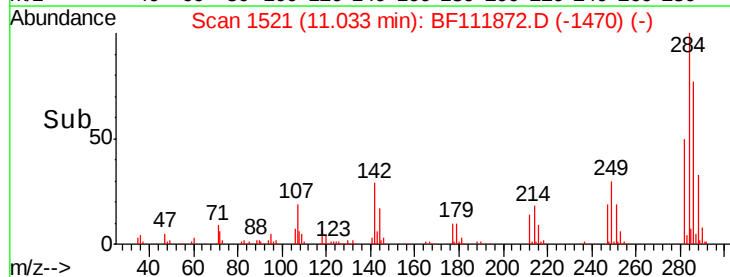
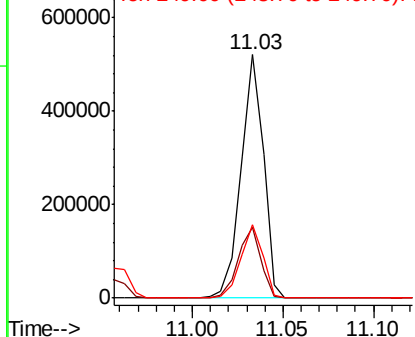


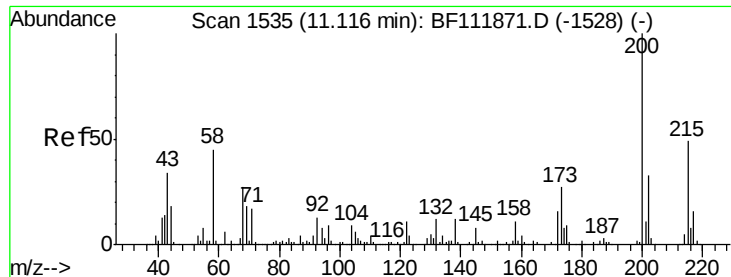
#68
Hexachlorobenzene
Concen: 50.772 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:284 Resp: 447067
Ion Ratio Lower Upper
284 100
142 29.3 21.8 32.6
249 30.3 23.8 35.6



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

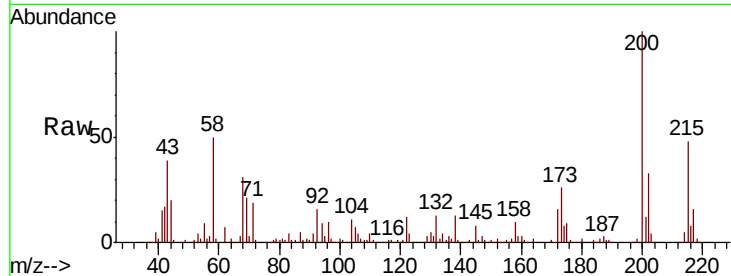




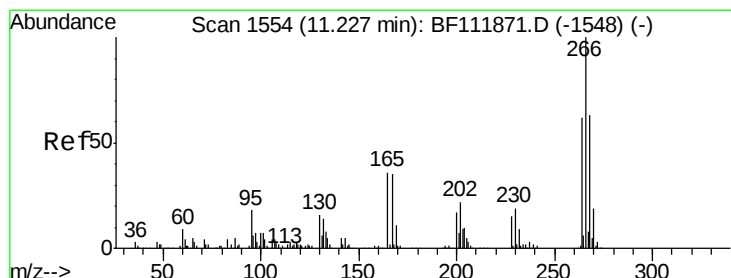
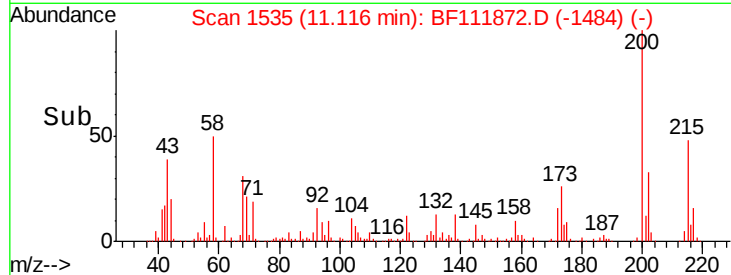
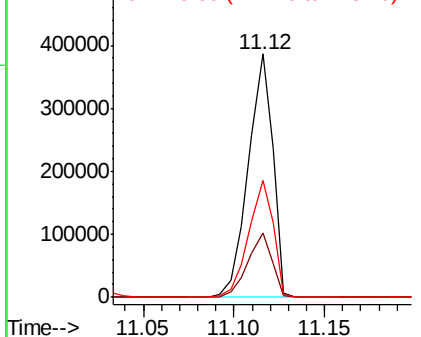
#69
Atrazine
Concen: 49.276 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 365888
Ion Ratio Lower Upper
200 100
173 26.3 6.6 46.6
215 47.8 28.9 68.9

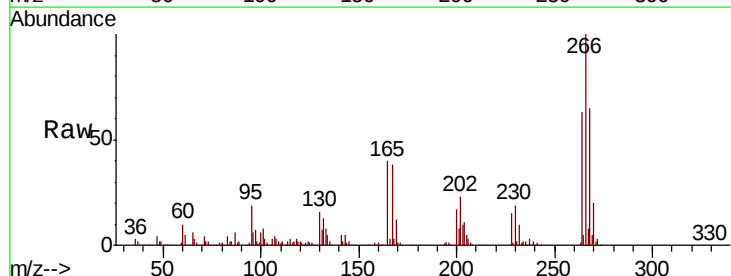


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

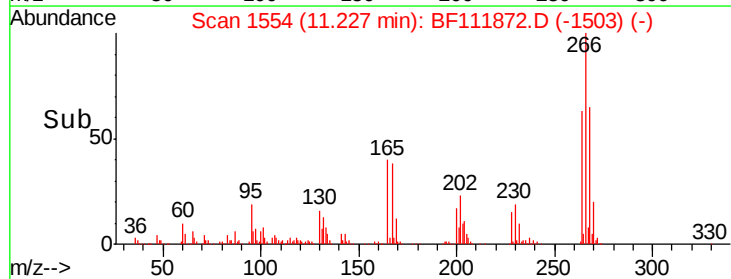
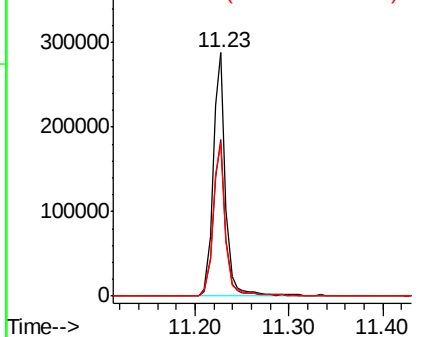


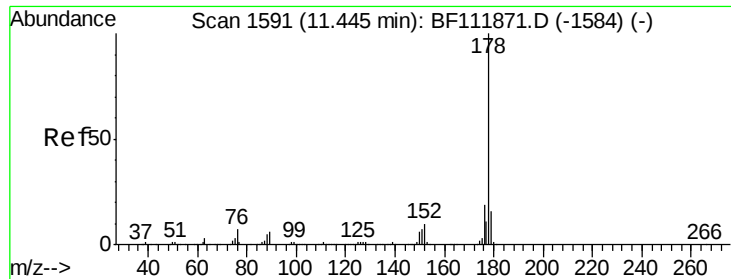
#70
Pentachlorophenol
Concen: 50.148 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:266 Resp: 272984
Ion Ratio Lower Upper
266 100
268 64.6 50.6 76.0
264 62.5 49.3 73.9



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





#71

Phenanthrene

Concen: 48.176 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

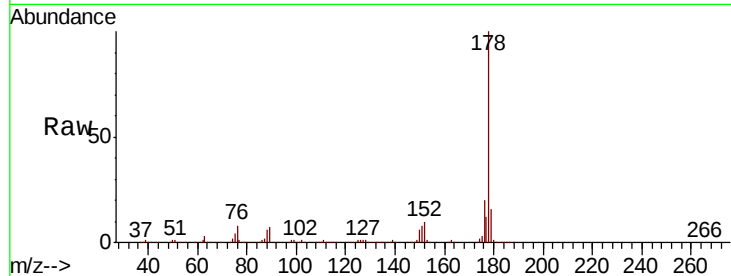
Tot Ion:178 Resp: 1626795

Ion Ratio Lower Upper

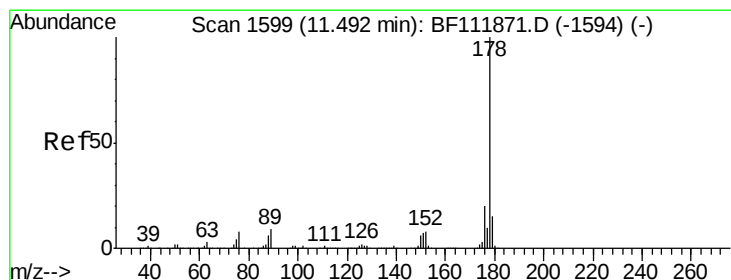
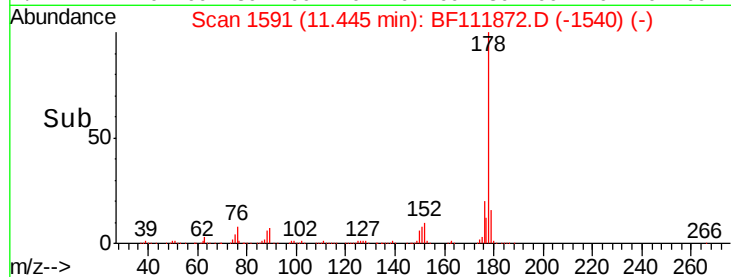
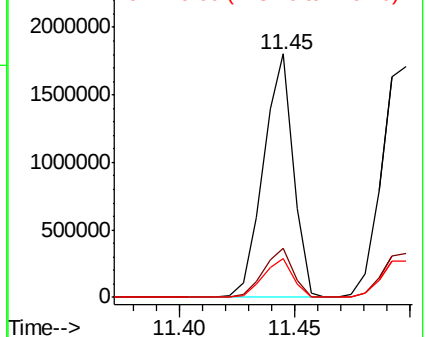
178 100

176 20.0 15.6 23.4

179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.714 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

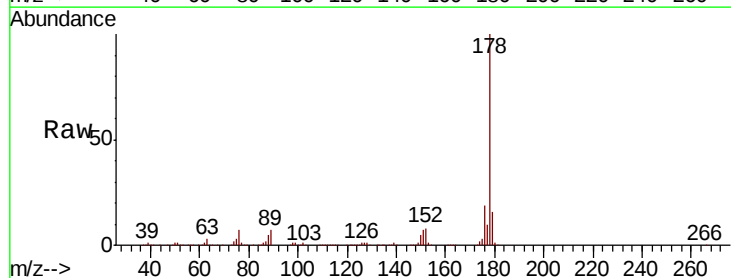
Tgt Ion:178 Resp: 1651098

Ion Ratio Lower Upper

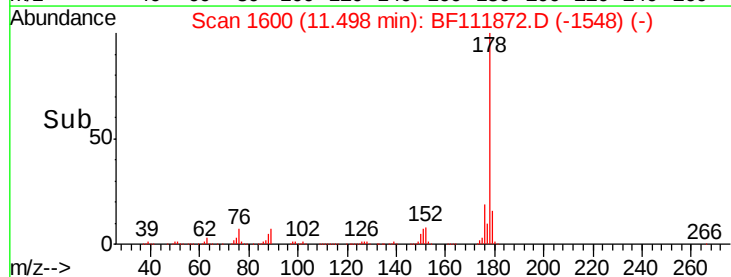
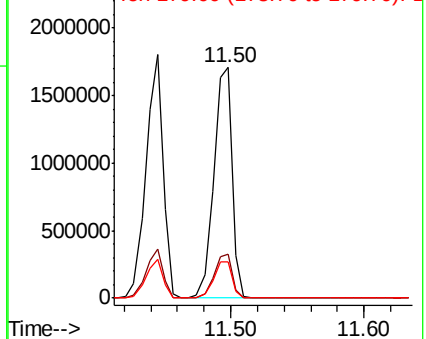
178 100

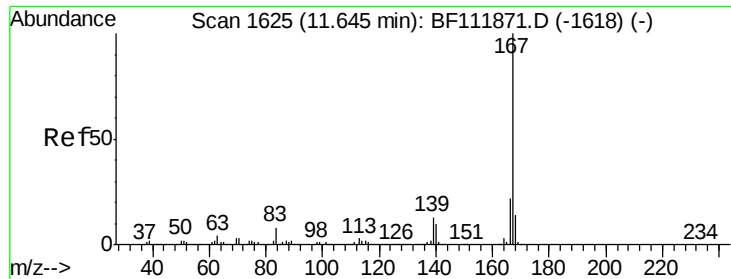
176 19.1 15.7 23.5

179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

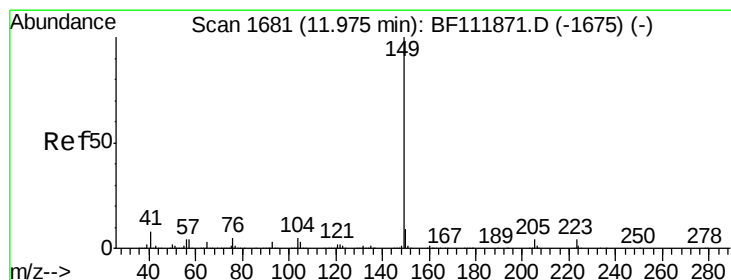
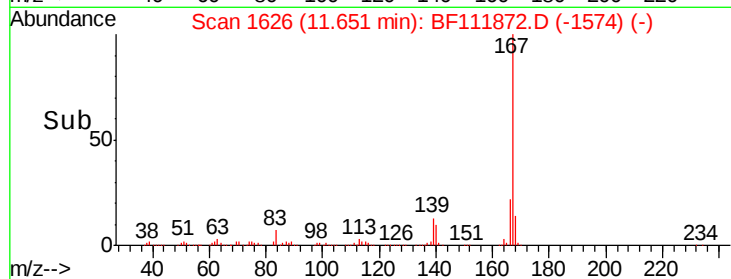
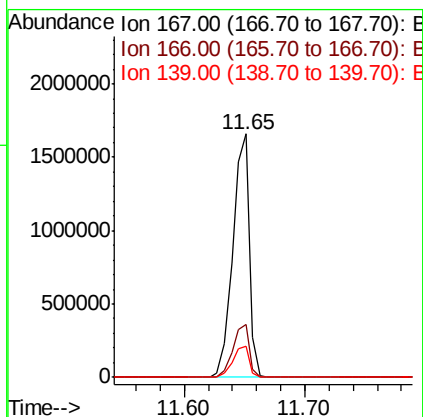
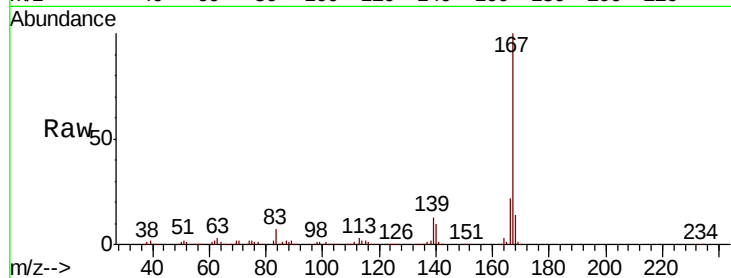




#73
 Carbazole
 Concen: 48.019 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

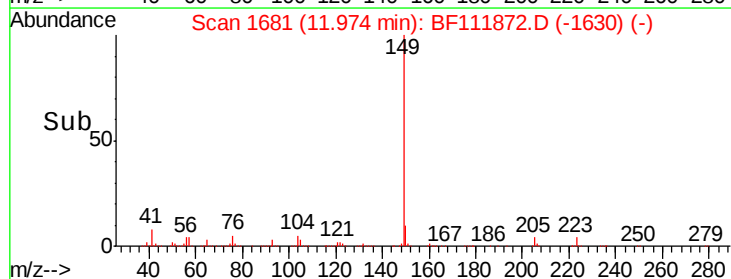
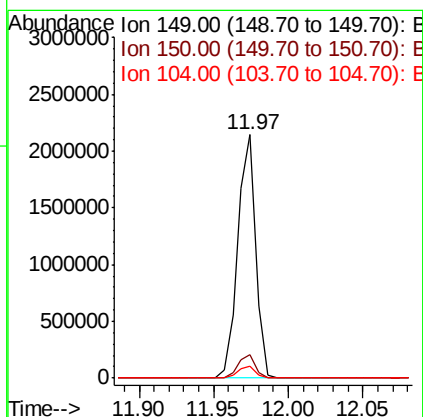
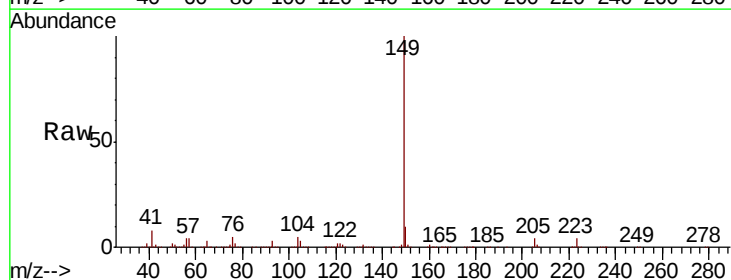
Instrument :
 BNA_F
 ClientSampleId :

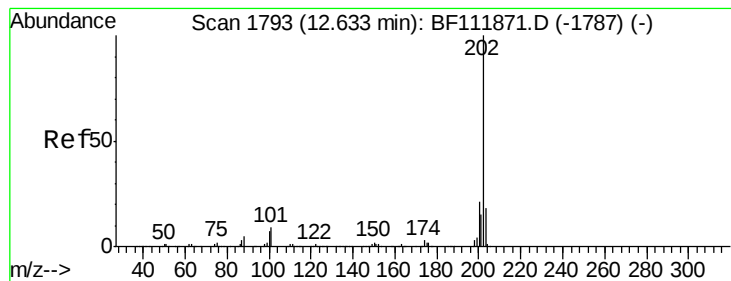
Tot Ion:167 Resp: 1580129
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.966 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111872.D
 Acq: 7 Jan 2019 12:16

Tgt Ion:149 Resp: 1806613
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 47.411 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

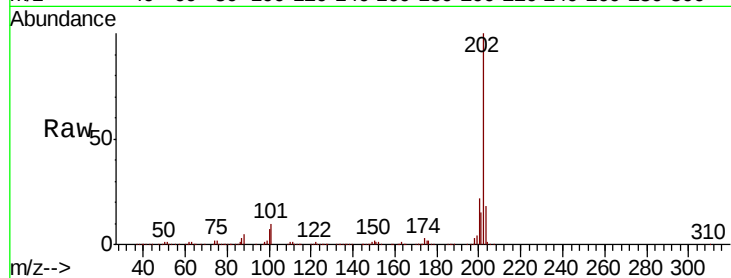
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1621178

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
203	18.0	0.0	37.6

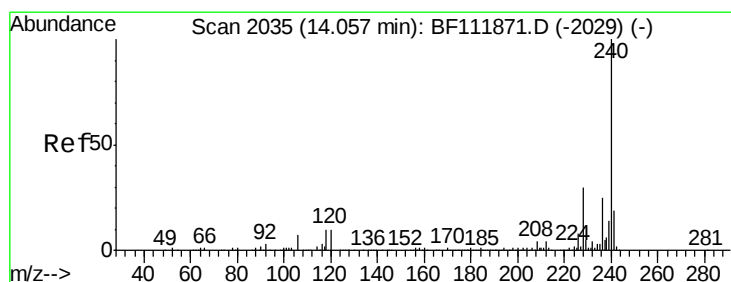
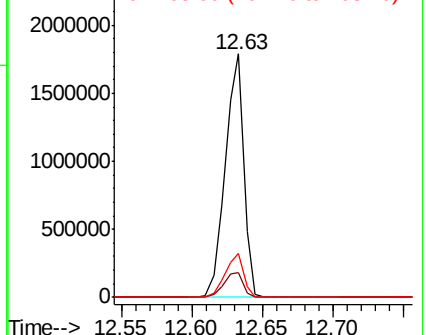
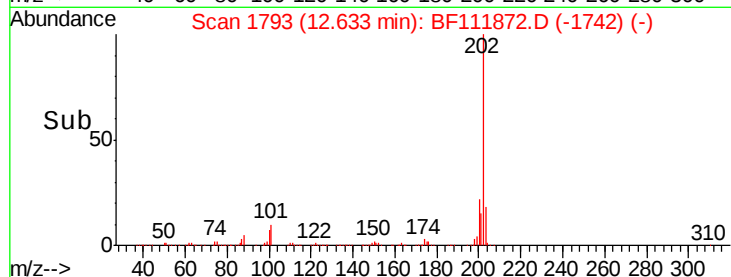


Abundance

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: 14.06 min Scan# 2035

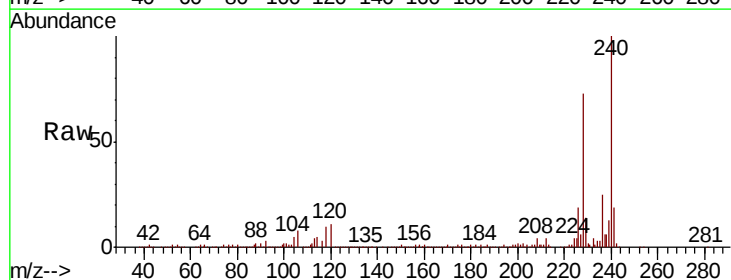
Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Tgt Ion:240 Resp: 472193

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	25.3	20.2	30.4

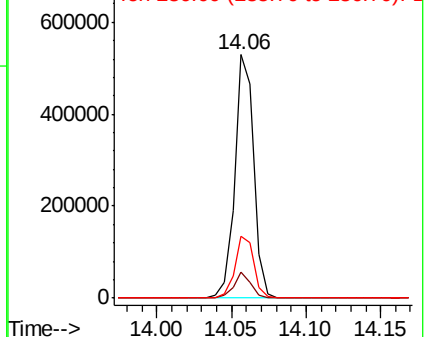
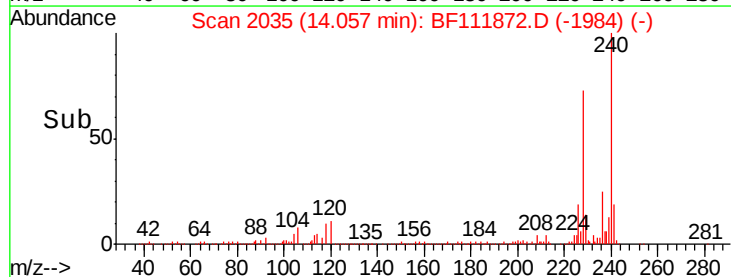


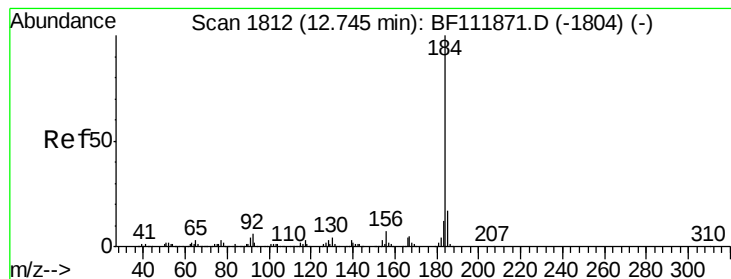
Abundance

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: 40.304 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

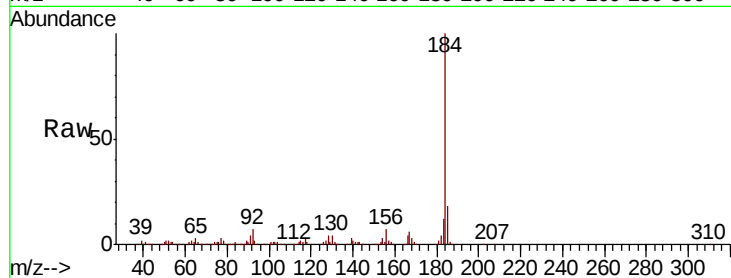
Tot Ion:184 Resp: 716144

Ion Ratio Lower Upper

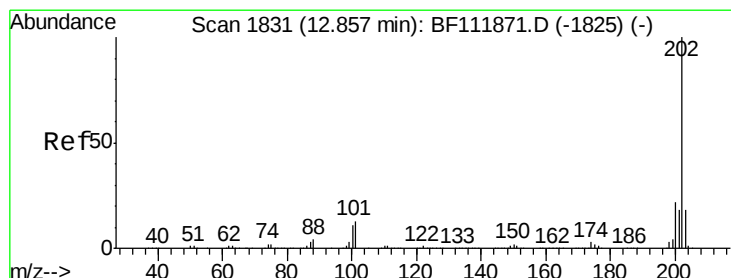
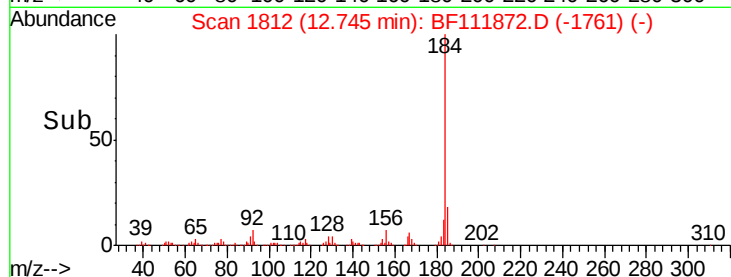
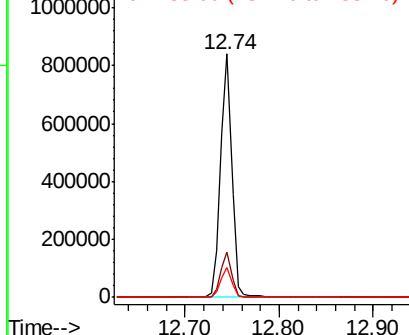
184 100

185 18.5 13.4 20.0

183 12.4 9.6 14.4



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: 50.215 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

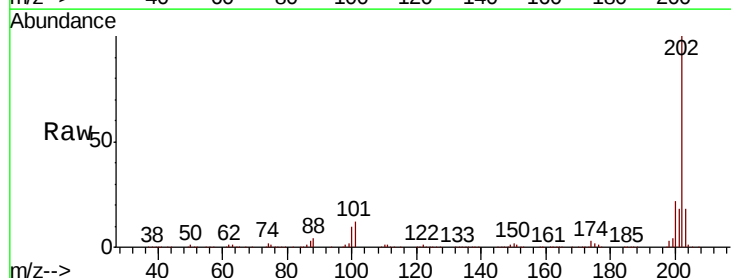
Tgt Ion:202 Resp: 1674430

Ion Ratio Lower Upper

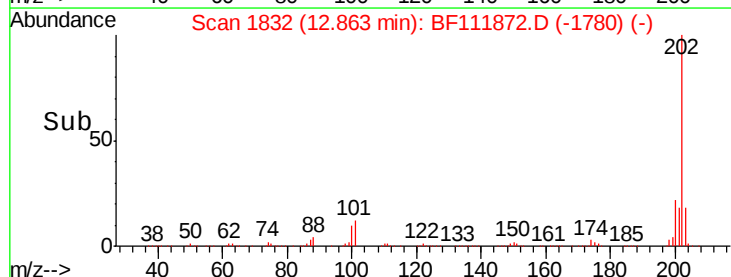
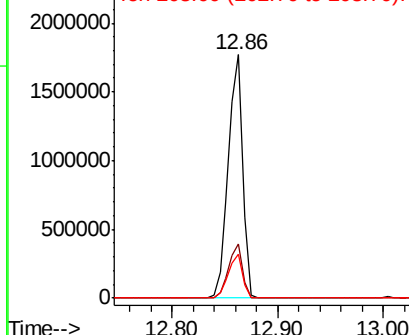
202 100

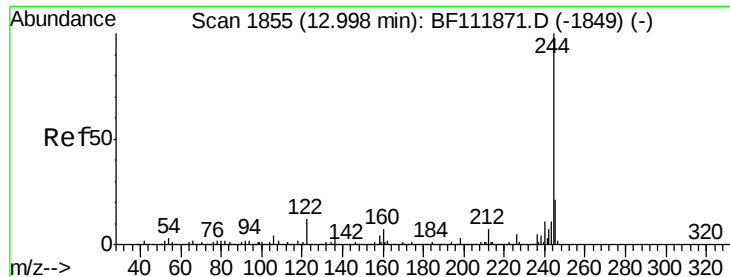
200 22.0 17.4 26.2

203 18.0 14.6 21.8



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: 98.741 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

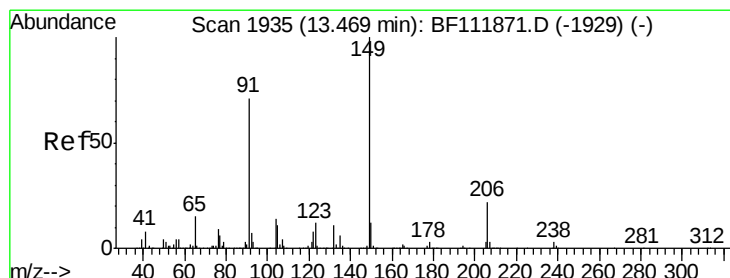
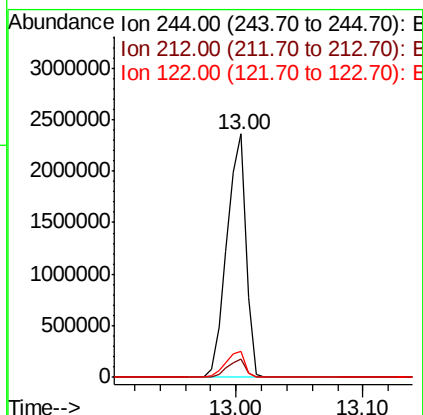
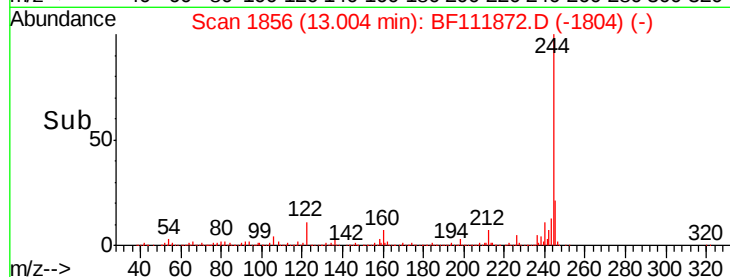
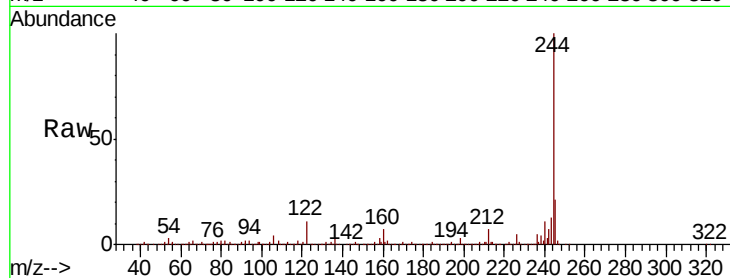
Tot Ion:244 Resp: 2458566

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.6 9.5 14.3



#80

Butylbenzylphthalate

Concen: 52.593 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

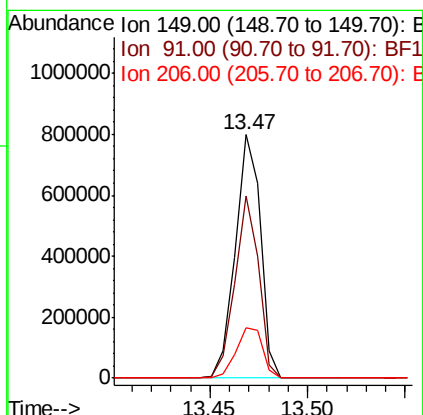
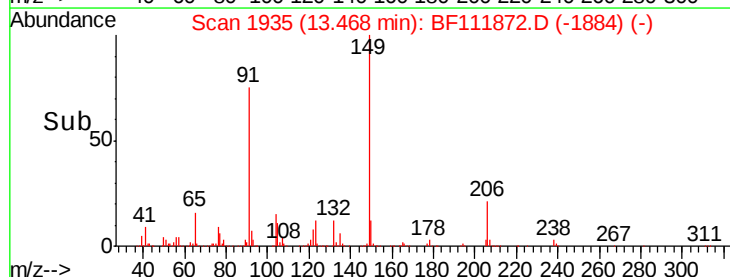
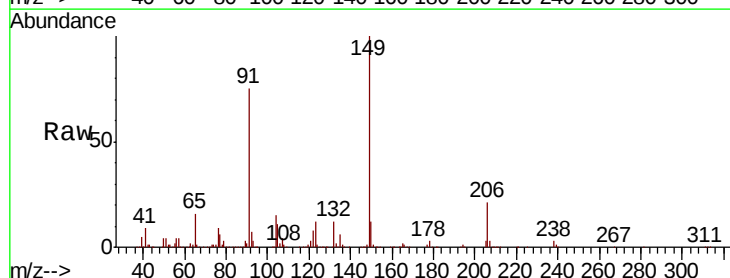
Tgt Ion:149 Resp: 714861

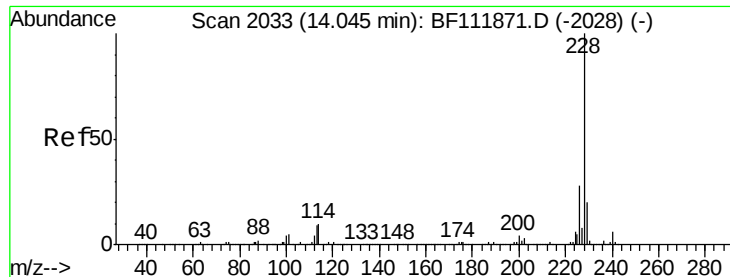
Ion Ratio Lower Upper

149 100

91 74.6 57.2 85.8

206 20.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 48.896 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

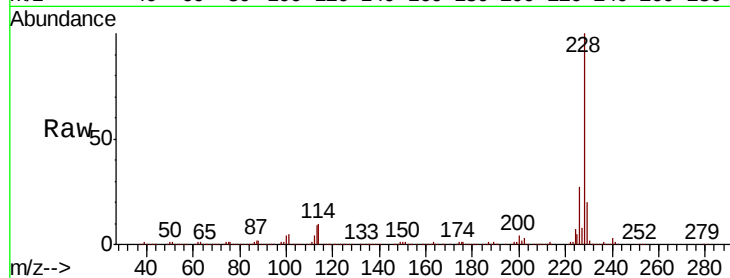
Tot Ion:228 Resp: 1317632

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.8	16.2	24.2

228 100

226 27.3 22.2 33.2

229 19.8 16.2 24.2

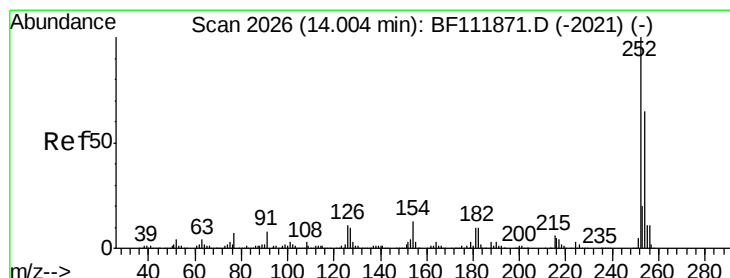
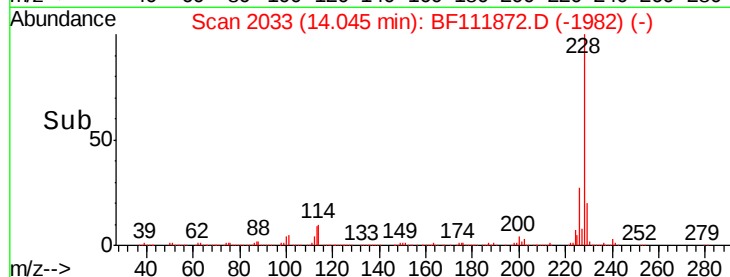
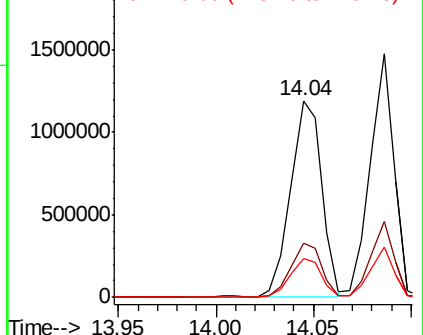


Abundance

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: 44.712 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

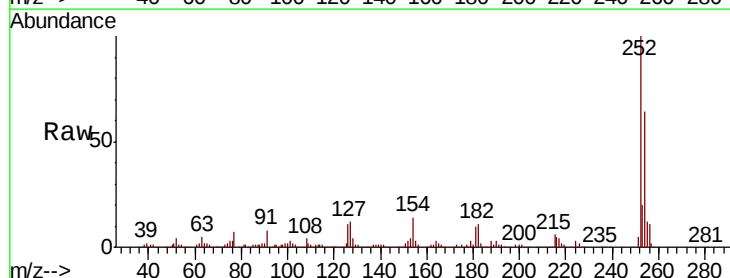
Tgt Ion:252 Resp: 476064

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	11.5	8.6	12.8

252 100

254 64.2 52.1 78.1

126 11.5 8.6 12.8

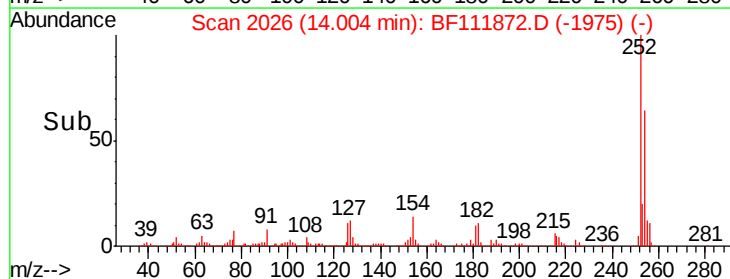
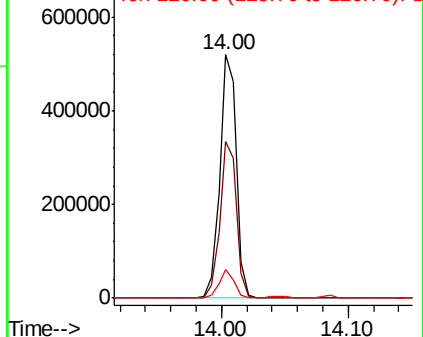


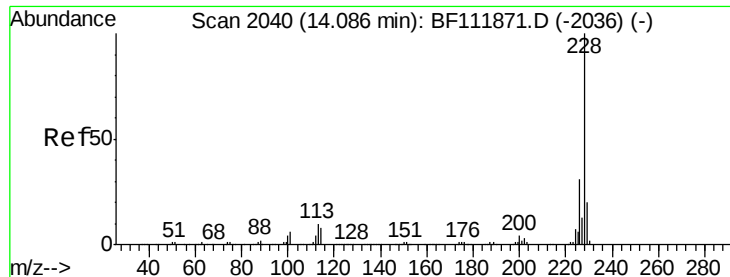
Abundance

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

Chrysene

Concen: 47.436 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

Instrument :

BNA_F

ClientSampleId :

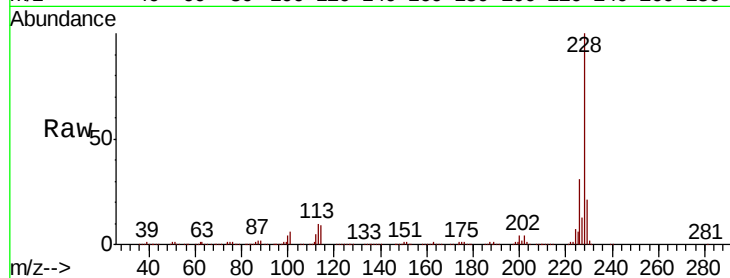
Tot Ion:228 Resp: 1256364

Ion Ratio Lower Upper

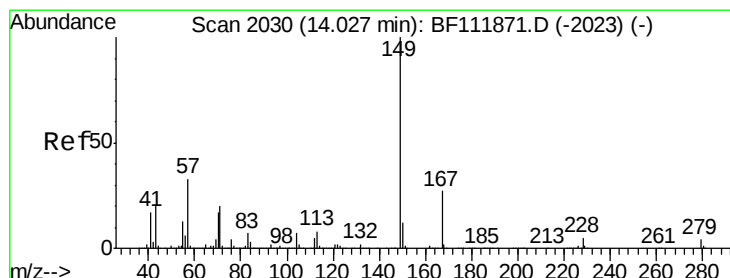
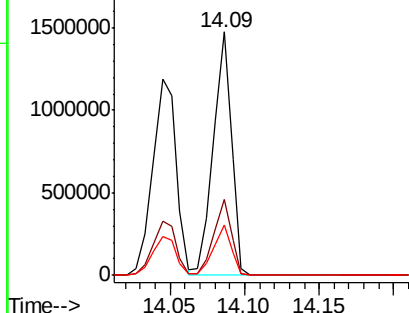
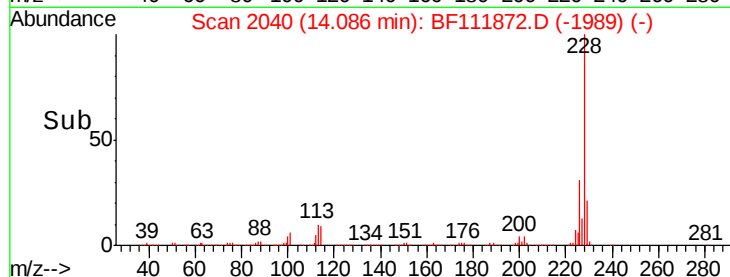
228 100

226 31.0 24.6 37.0

229 20.5 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.104 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111872.D

Acq: 7 Jan 2019 12:16

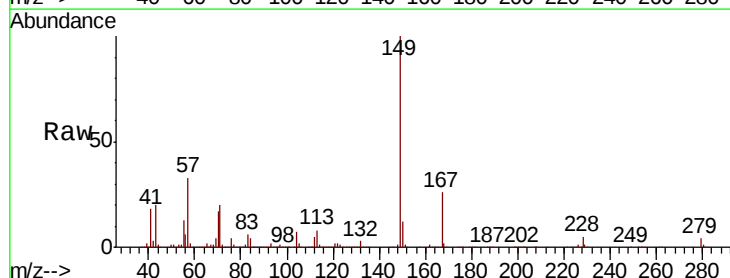
Tgt Ion:149 Resp: 909189

Ion Ratio Lower Upper

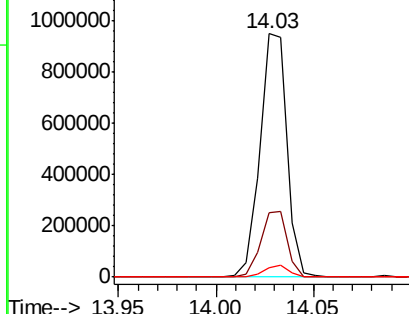
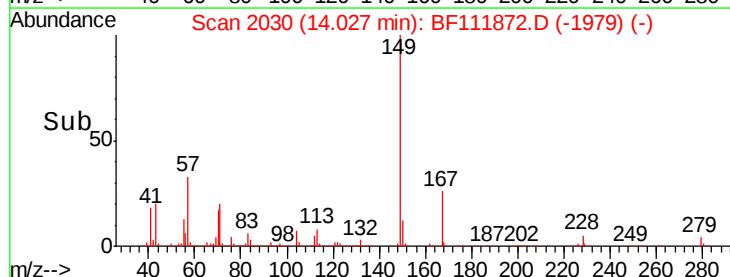
149 100

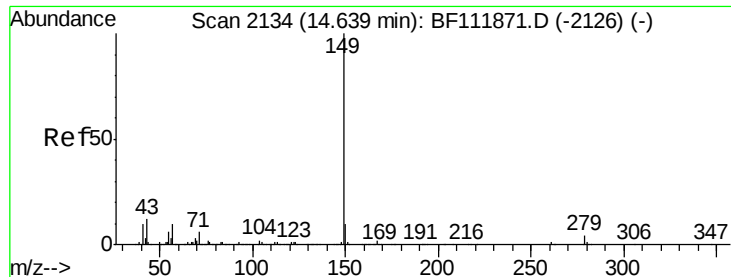
167 26.3 21.5 32.3

279 3.9 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

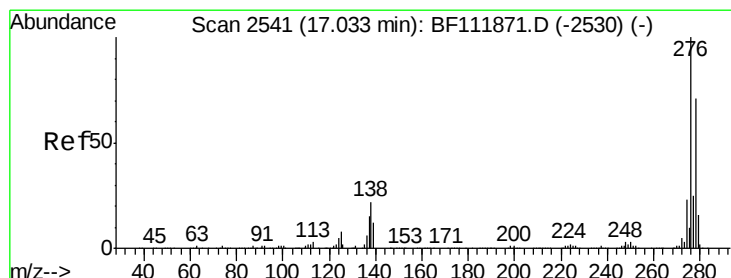
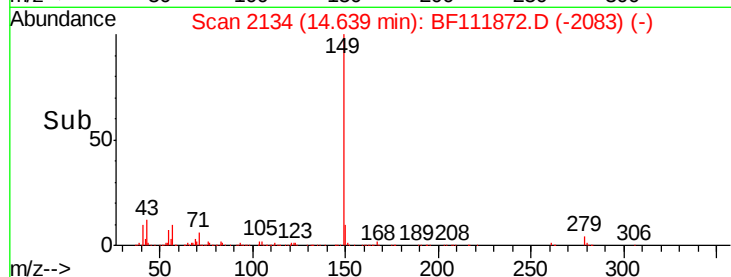
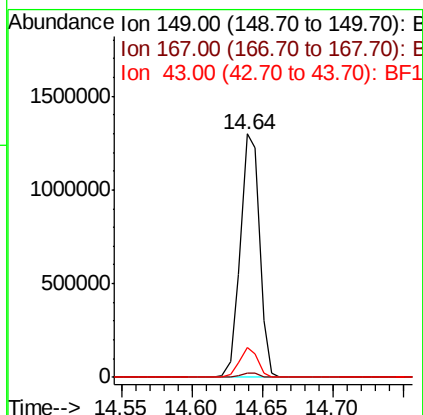
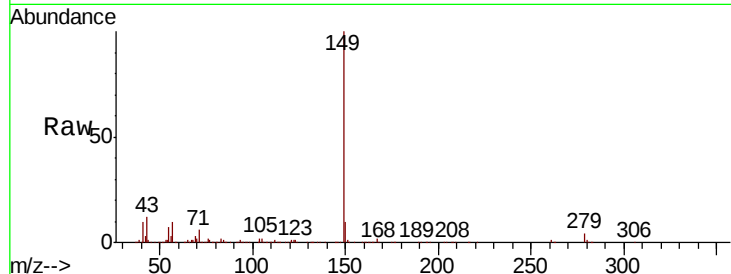




#85
Di-n-octyl phthalate
Concen: 46.604 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

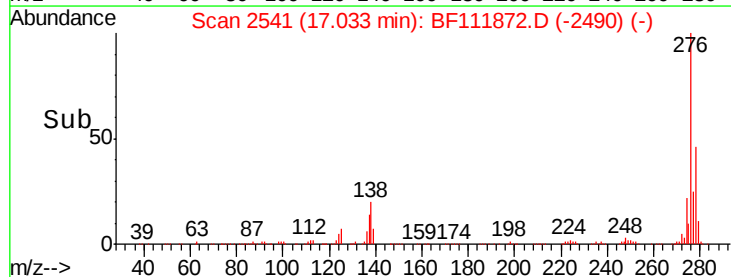
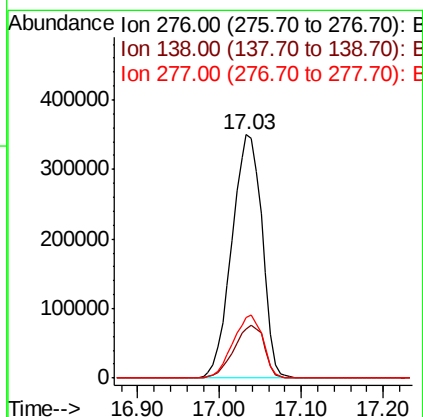
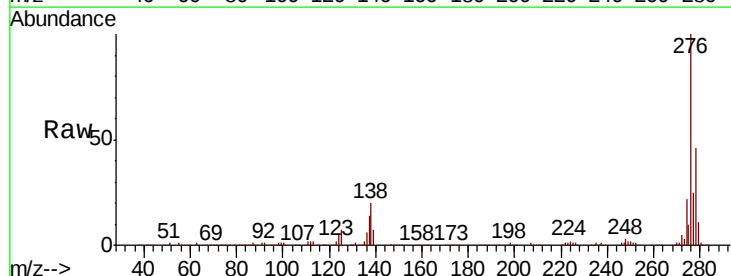
Instrument :
BNA_F
ClientSampleId :

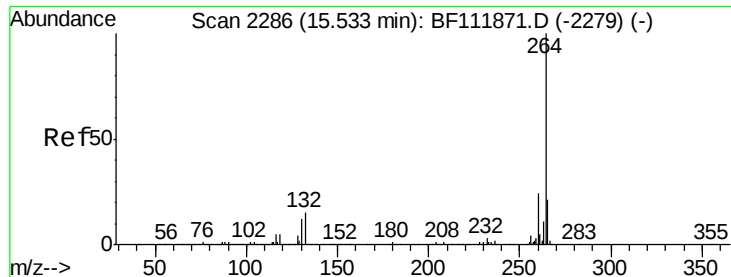
Tot Ion:149 Resp: 1236243
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 9.1 13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.038 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:276 Resp: 901469
Ion Ratio Lower Upper
276 100
138 21.6 18.1 27.1
277 25.5 19.9 29.9



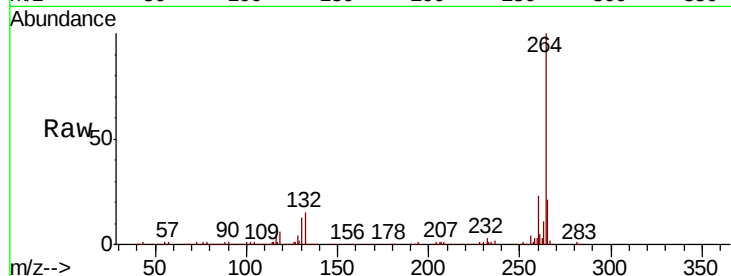


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

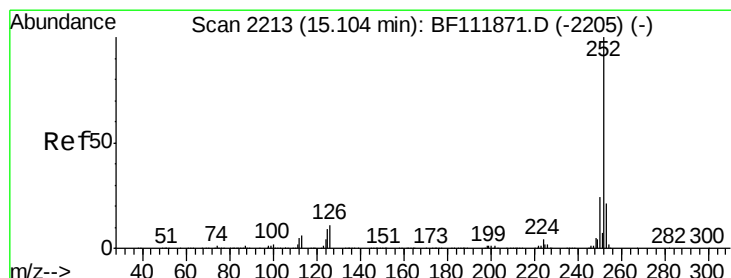
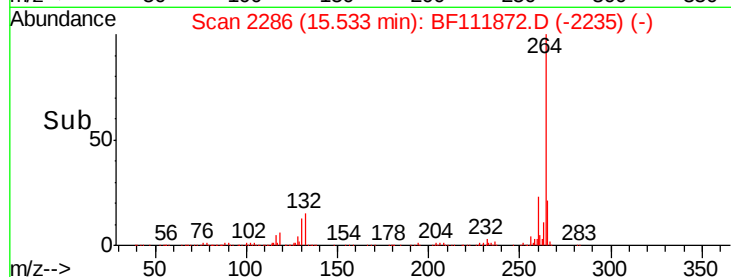
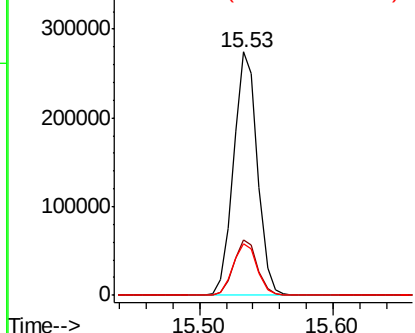
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 342288

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.1	25.7



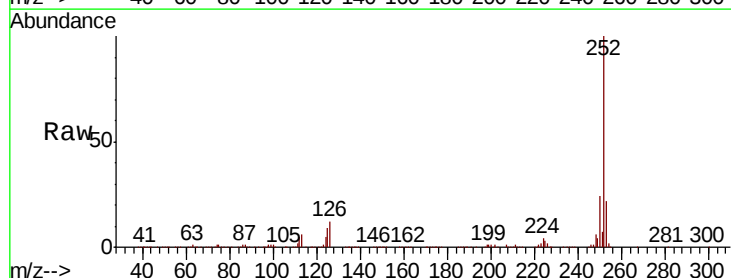
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



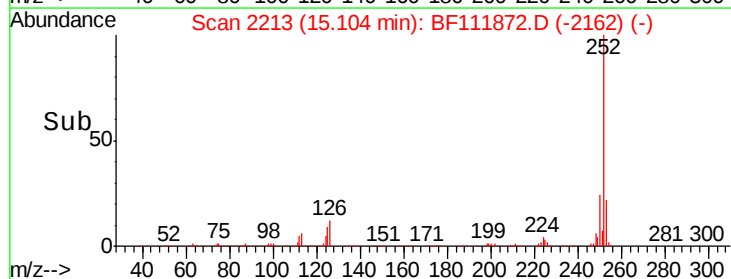
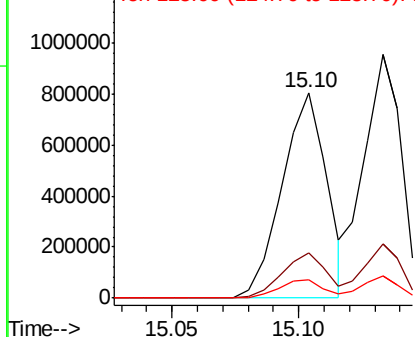
#88
Benzo(b)fluoranthene
Concen: 49.360 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

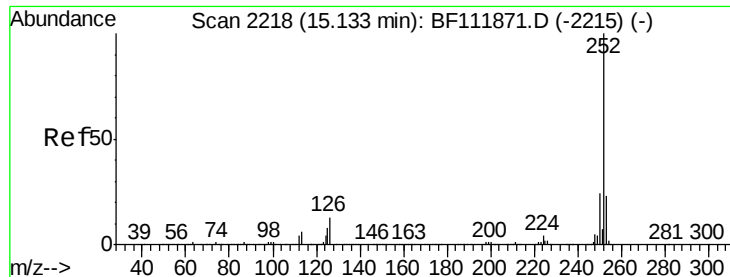
Tgt Ion:252 Resp: 987428

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.8	7.1	10.7



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

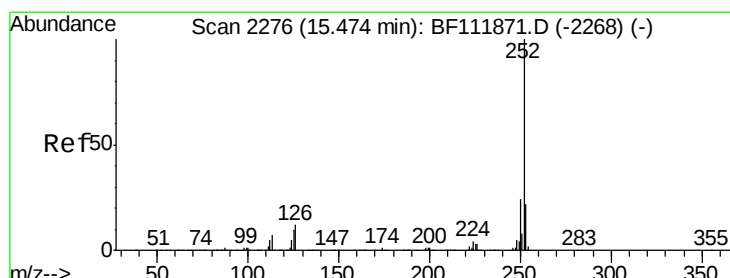
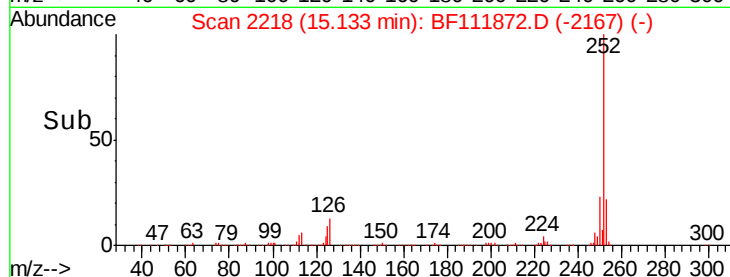
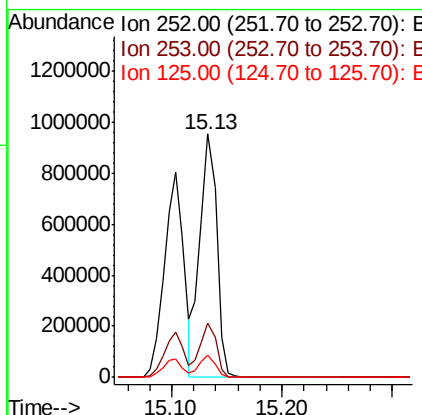
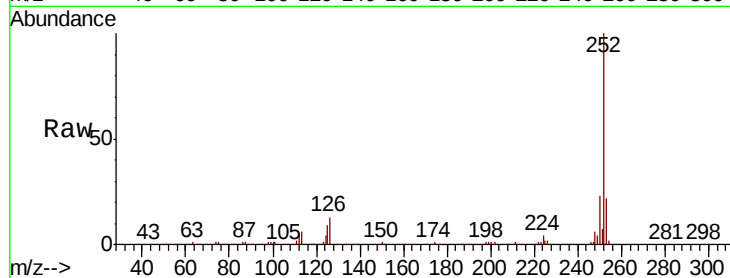




#89
Benzo(k)fluoranthene
Concen: 52.131 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

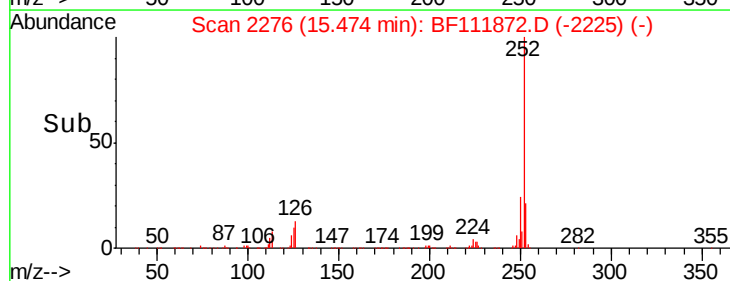
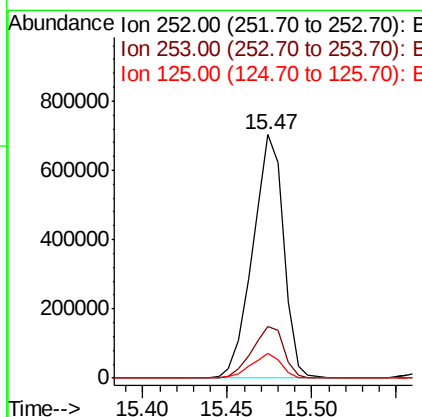
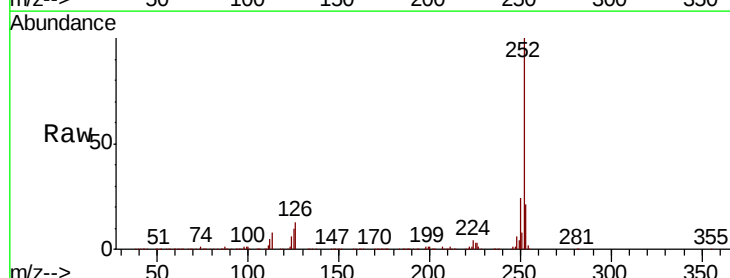
Instrument :
BNA_F
ClientSampleId :

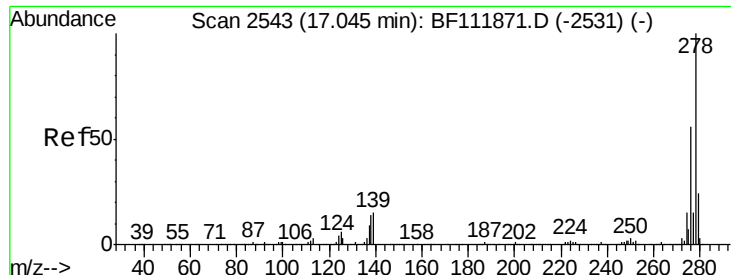
Tot Ion:252 Resp: 992832
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 49.203 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:252 Resp: 894225
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.9 7.9 11.9

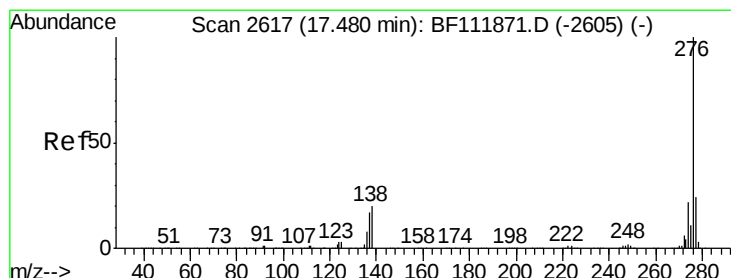
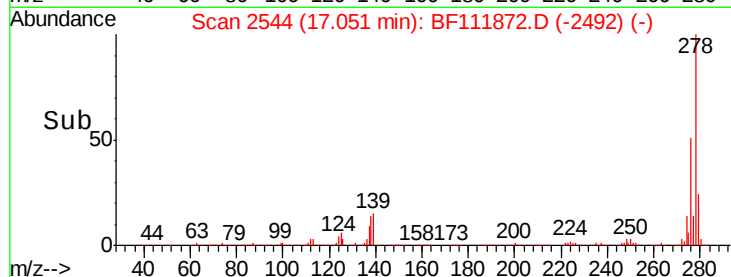
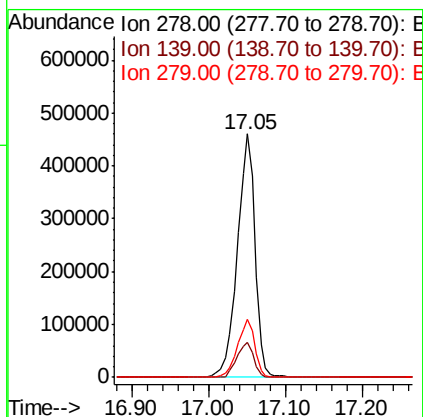
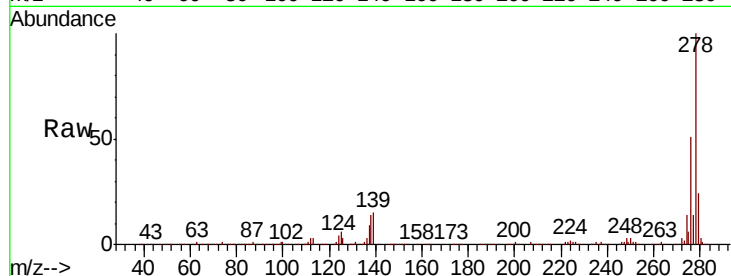




#91
Dibenzo(a,h)anthracene
Concen: 46.674 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 742816
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.754 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF111872.D
Acq: 7 Jan 2019 12:16

Tgt Ion:276 Resp: 695495
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 18.5 16.2 24.2

