

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101529.D
 Acq On : 19 Dec 2017 18:21
 Operator : SJ/JU
 Sample : I6940-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Quant Time: Dec 20 07:29:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129393	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	515652	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226306	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	381970	20.00	ng	0.00
75) Chrysene-d12	13.99	240	232444	20.00	ng	0.00
86) Perylene-d12	15.46	264	298393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	728148	83.82	ng	0.01
7) Phenol-d6	6.46	99	928263	85.86	ng	0.00
23) Nitrobenzene-d5	7.38	82	597845	64.54	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	158541	72.70	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	988830	67.78	ng	0.00
78) Terphenyl-d14	12.92	244	736379	76.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	113351	25.395	ng	95
3) Pyridine	3.35	79	294628	23.758	ng	95
4) n-Nitrosodimethylamine	3.30	42	145413	25.467	ng	# 99
6) Aniline	6.48	93	144029	9.587	ng	# 76
8) 2-Chlorophenol	6.60	128	269661	29.511	ng	99
9) Benzaldehyde	6.37	77	186760	23.392	ng	97
10) Phenol	6.47	94	414388	33.631	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	293677	30.385	ng	94
12) 1,3-Dichlorobenzene	6.75	146	325784	31.590	ng	98
13) 1,4-Dichlorobenzene	6.83	146	333171	31.636	ng	97
14) 1,2-Dichlorobenzene	6.98	146	302669	31.929	ng	97
15) Benzyl Alcohol	6.96	79	223638	30.055	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	483927	32.716	ng	66
17) 2-Methylphenol	7.07	107	238045	28.321	ng	# 90
18) Hexachloroethane	7.31	117	112122	30.622	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	203103	28.607	ng	95
20) 3+4-Methylphenols	7.23	107	319978	35.924	ng	96
22) Acetophenone	7.22	105	410376	34.878	ng	# 96
24) Nitrobenzene	7.40	77	315309	30.755	ng	99
25) Isophorone	7.63	82	568261	30.580	ng	99
26) 2-Nitrophenol	7.72	139	115206	26.156	ng	94
27) 2,4-Dimethylphenol	7.75	122	259604	34.694	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	367941	31.170	ng	99
29) 2,4-Dichlorophenol	7.96	162	221912	30.018	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	251307	32.213	ng	97
31) Naphthalene	8.12	128	853713	32.886	ng	100
33) 4-Chloroaniline	8.17	127	103272	9.153	ng	97
34) Hexachlorobutadiene	8.22	225	147019	32.583	ng	98
35) Caprolactam	8.53	113	71651	27.913	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	260697	32.085	ng	97
37) 2-Methylnaphthalene	8.80	142	552588	32.672	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	263276	34.457	ng	# 96
40) Hexachlorocyclopentadiene	8.95	237	16609	24.630	ng	95
42) 2,4,6-Trichlorophenol	9.09	196	88624	19.267	ng	99

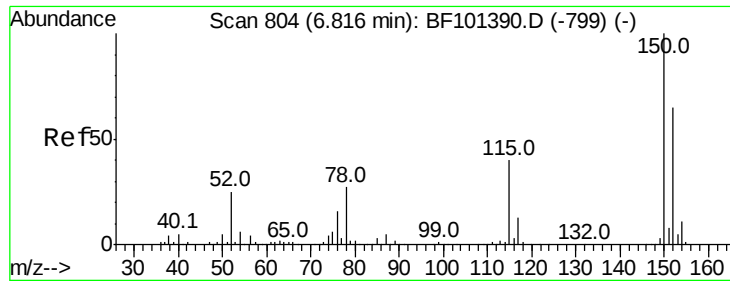
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101529.D
 Acq On : 19 Dec 2017 18:21
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Instrument :
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Quant Time: Dec 20 07:29:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	119849	23.796	nq	93
45) 1,1'-Biphenyl	9.27	154	662614	33.015	nq	99
46) 2-Chloronaphthalene	9.30	162	496837	32.353	nq	96
47) 2-Nitroaniline	9.40	65	166989	31.478	nq	97
48) Acenaphthylene	9.71	152	730538	30.119	nq	99
49) Dimethylphthalate	9.57	163	677056	37.194	nq	99
50) 2,6-Dinitrotoluene	9.65	165	124516	33.656	nq	91
51) Acenaphthene	9.88	154	462526	31.739	nq	100
52) 3-Nitroaniline	9.82	138	106153	23.014	nq	98
54) Dibenzofuran	10.05	168	652982	35.259	nq	98
56) 2,4-Dinitrotoluene	10.06	165	149257	35.807	nq	# 89
57) Fluorene	10.40	166	539335	34.426	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	51628	14.267	nq	# 68
59) Diethylphthalate	10.26	149	556858	30.891	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	251404	33.484	nq	90
61) 4-Nitroaniline	10.43	138	127449	27.489	nq	94
62) Azobenzene	10.55	77	641078	34.330	nq	95
65) n-Nitrosodiphenylamine	10.50	169	475440	33.709	nq	95
66) 4-Bromophenyl-phenylether	10.87	248	154653	36.033	nq	# 89
67) Hexachlorobenzene	10.95	284	155370	34.204	nq	# 87
68) Atrazine	11.03	200	158250	37.630	nq	97
69) Pentachlorophenol	11.16	266	18590	16.218	nq	99
70) Phenanthrene	11.36	178	778919	36.669	nq	99
71) Anthracene	11.42	178	731857	33.729	nq	100
72) Carbazole	11.57	167	631102	31.066	nq	99
73) Di-n-butylphthalate	11.89	149	825913	33.496	nq	99
74) Fluoranthene	12.56	202	655022	29.378	nq	96
76) Benzidine	12.68	184	211854	21.580	nq	98
77) Pvrene	12.79	202	627106	35.948	nq	99
79) Butylbenzylphthalate	13.39	149	264192	33.470	nq	98
80) Benzo(a)anthracene	13.97	228	489663	31.903	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	118112	23.600	nq	98
82) Chrysene	14.02	228	463302	31.970	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	340645	34.072	nq	98
84) Di-n-octyl phthalate	14.55	149	555852	31.175	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	658202	51.004	nq	96
87) Benzo(b)fluoranthene	15.03	252	555017	30.516	nq	99
88) Benzo(k)fluoranthene	15.06	252	478408	27.054	nq	98
89) Benzo(a)pyrene	15.40	252	534300	31.867	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	552789	38.400	nq	96
91) Benzo(g,h,i)perylene	17.39	276	572285	40.148	nq	95

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

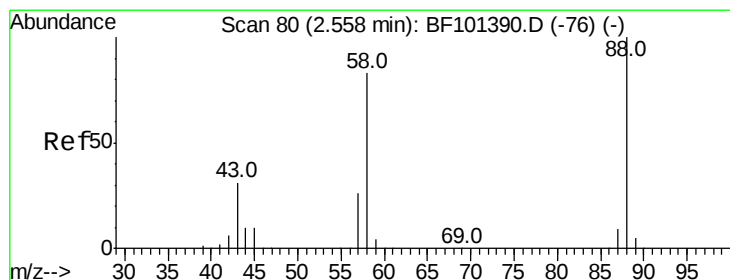
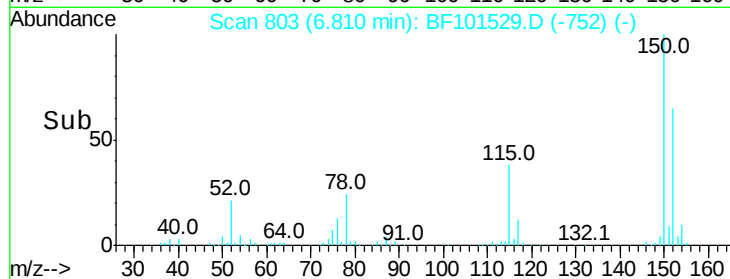
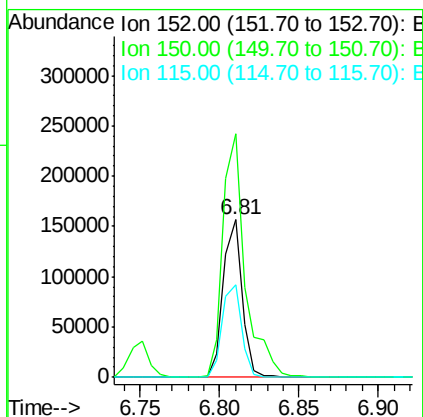
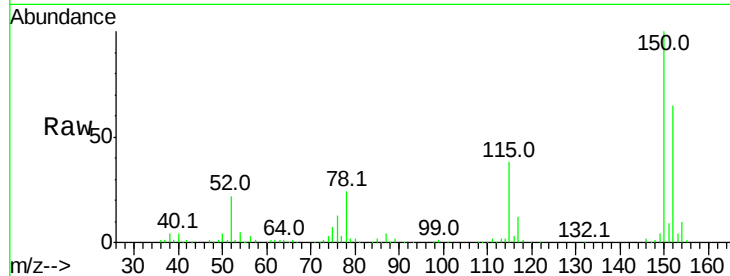


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

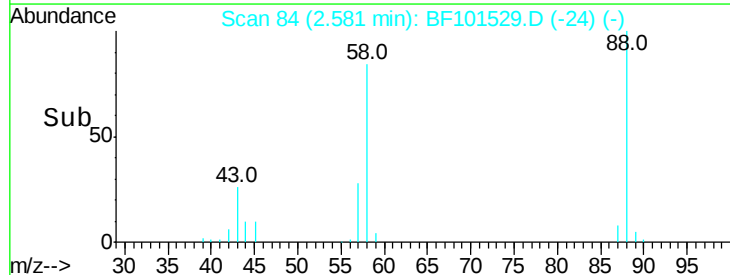
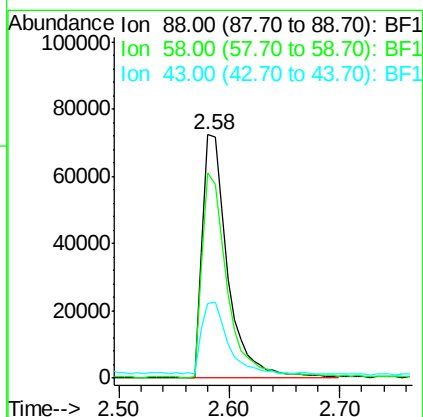
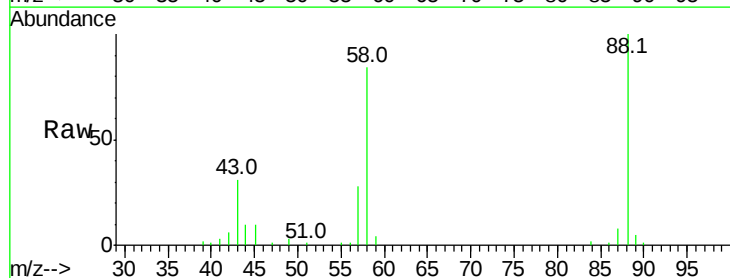
Tot Ion:152 Resp: 129393
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.7 50.1 75.1



#2

1,4-Dioxane
Concen: 25.395 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion: 88 Resp: 113351
Ion Ratio Lower Upper
88 100
58 83.9 62.6 93.8
43 30.7 24.6 37.0

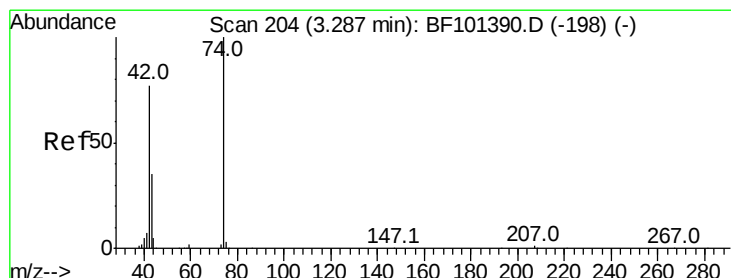
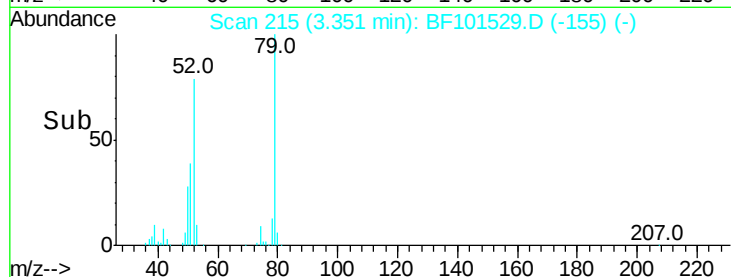
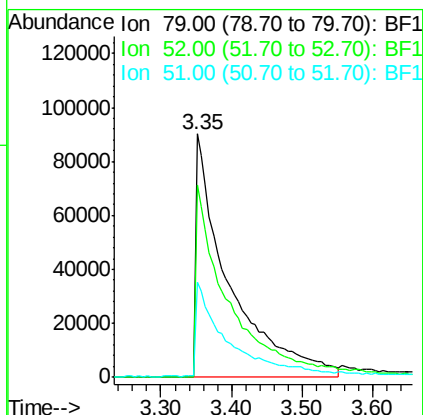
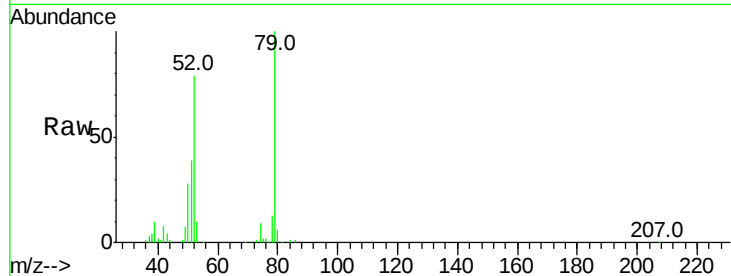




#3
 Pvridine
 Concen: 23.758 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.05 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

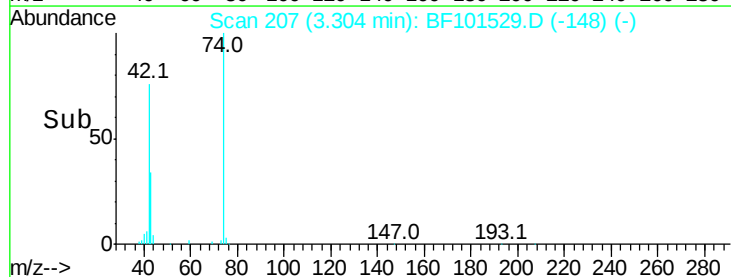
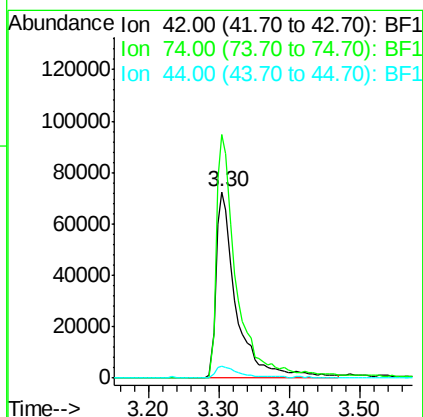
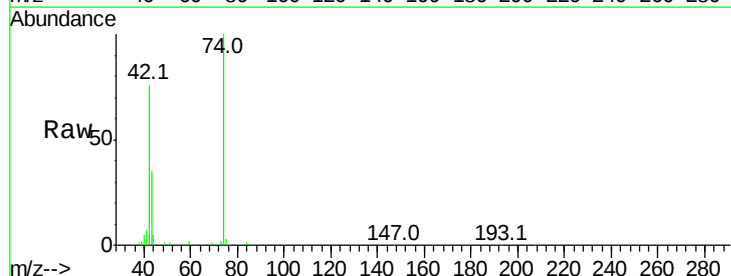
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

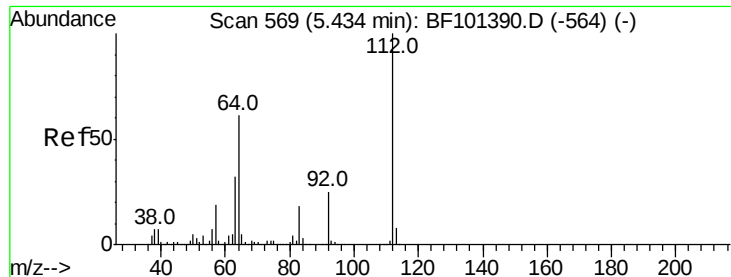
Tot Ion: 79 Resp: 294628
 Ion Ratio Lower Upper
 79 100
 52 79.2 59.8 89.6
 51 39.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 25.467 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion: 42 Resp: 145413
 Ion Ratio Lower Upper
 42 100
 74 130.9 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 83.825 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

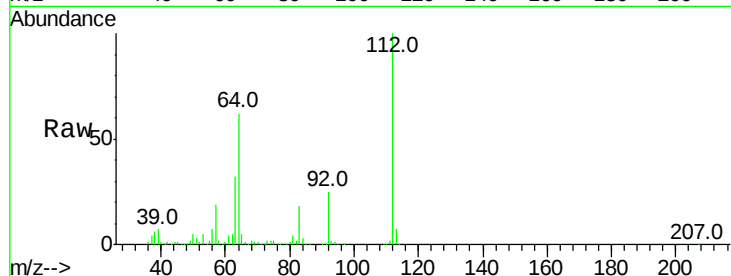
Tot Ion:112 Resp: 728148

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

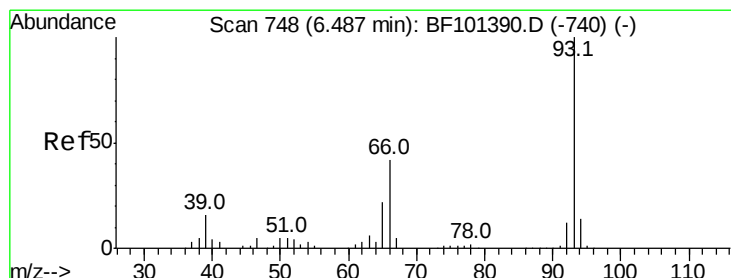
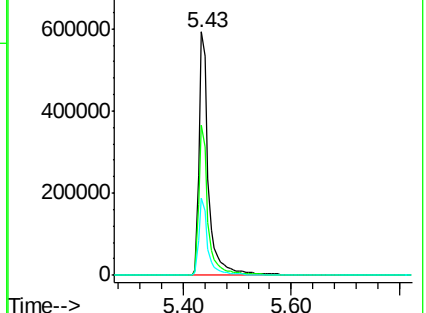
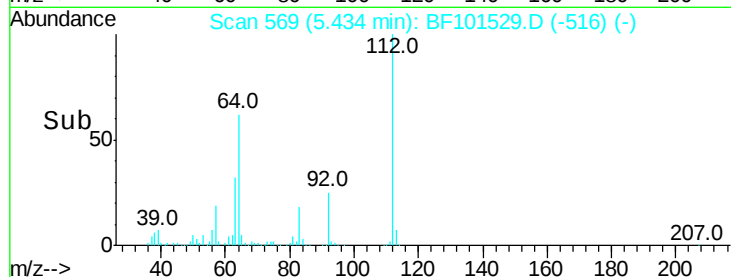
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.587 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

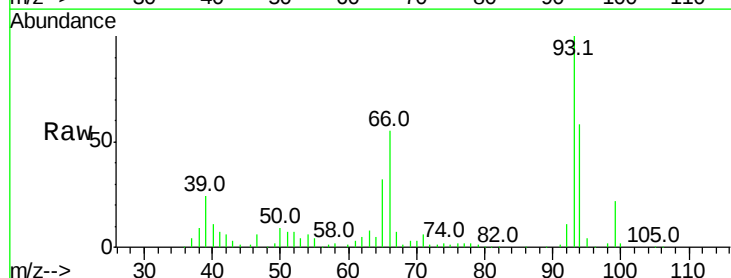
Tgt Ion: 93 Resp: 144029

Ion Ratio Lower Upper

93 100

66 54.8 32.2 48.2#

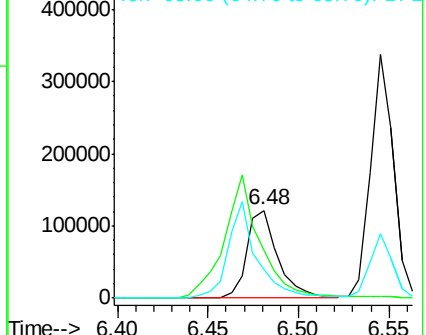
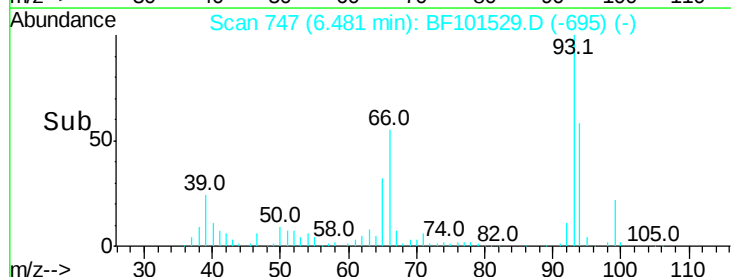
65 32.1 16.4 24.6#

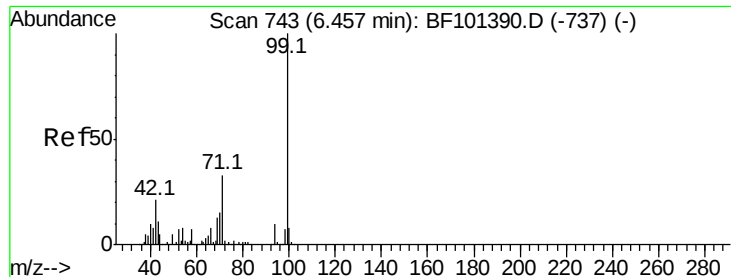


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.865 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

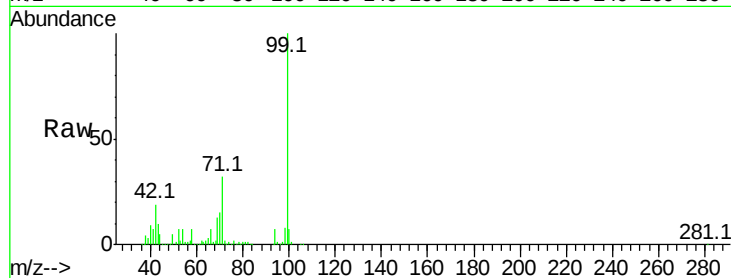
Tot Ion: 99 Resp: 928263

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

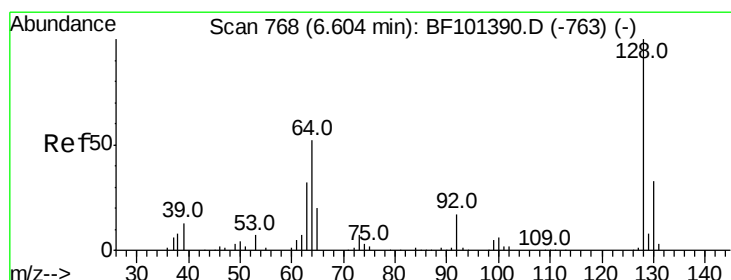
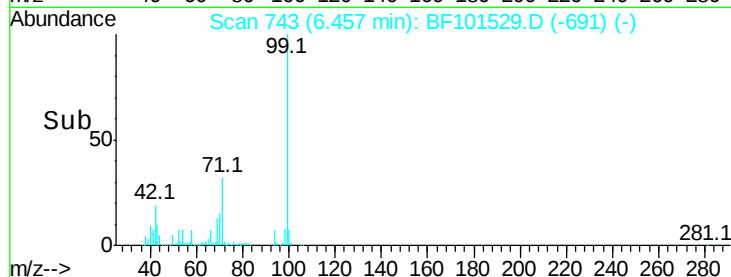
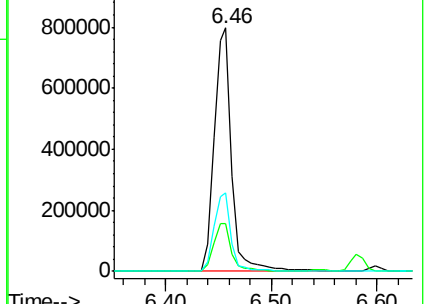
71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.511 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

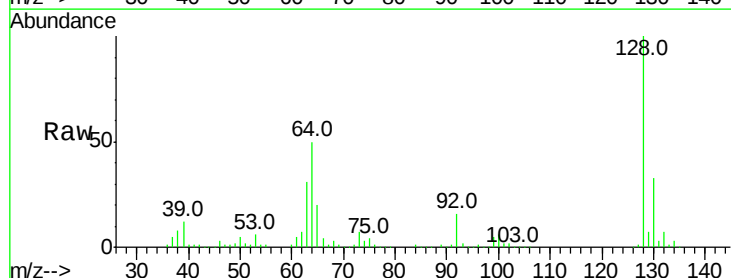
Tgt Ion:128 Resp: 269661

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

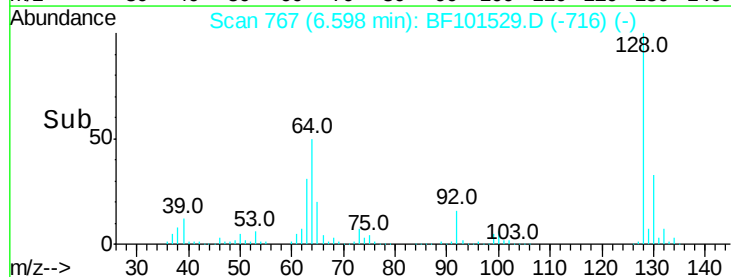
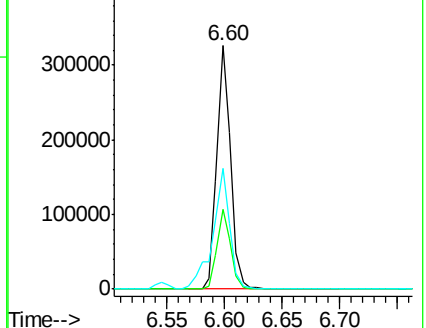
64 49.7 29.4 69.4

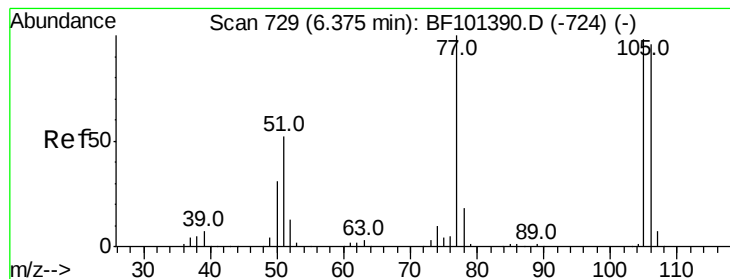


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.392 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

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VB16206-VB16211MSD

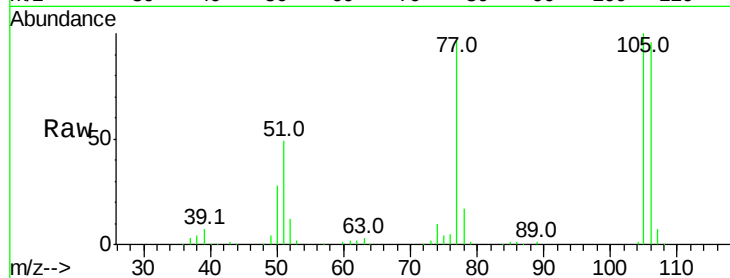
Tot Ion: 77 Resp: 186760

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

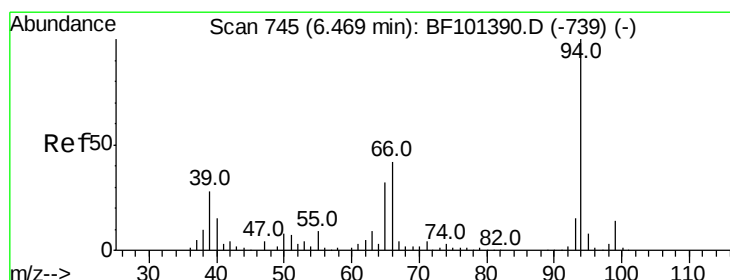
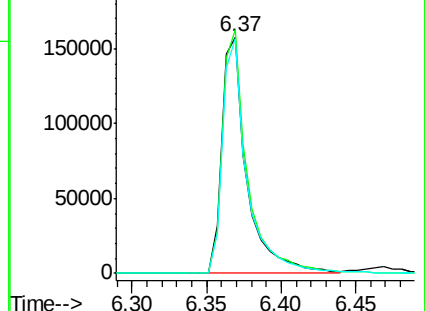
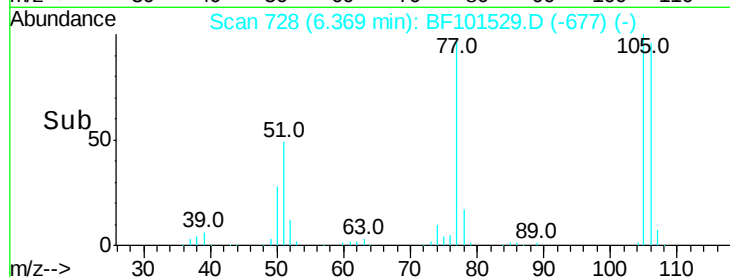
106 99.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.631 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

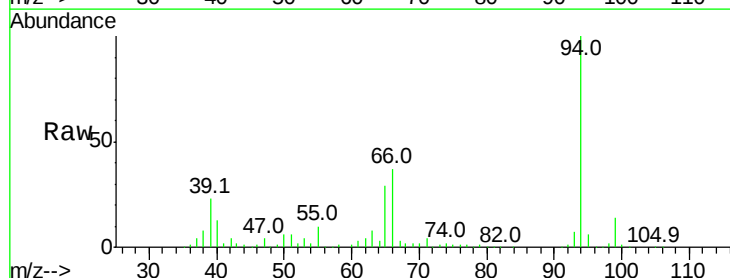
Tgt Ion: 94 Resp: 414388

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

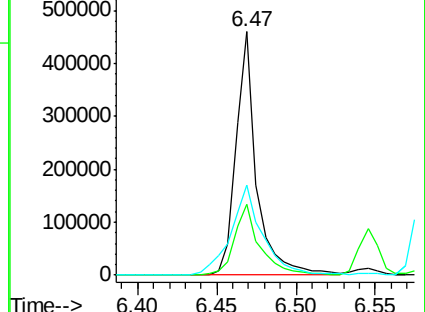
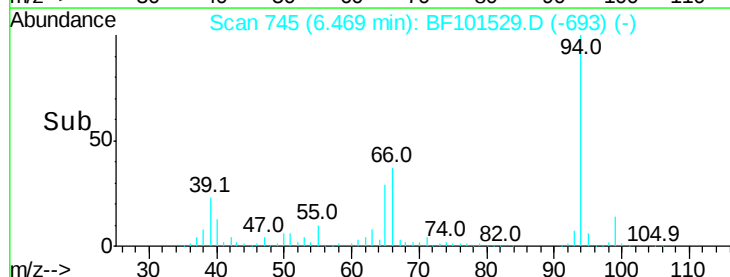
66 37.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.385 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

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BNA_F

ClientSampleId :

VB16206-VB16211MSD

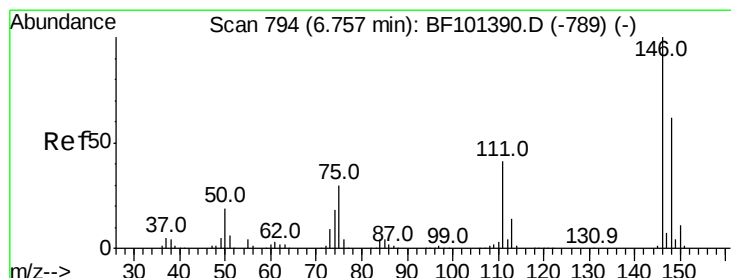
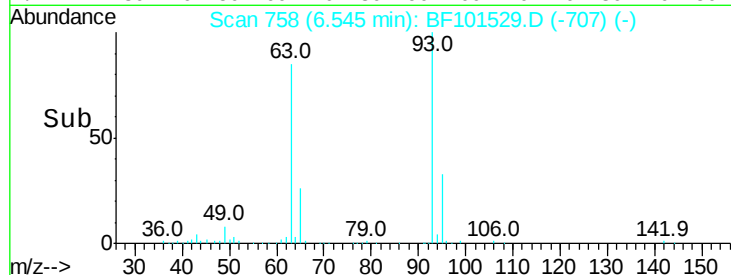
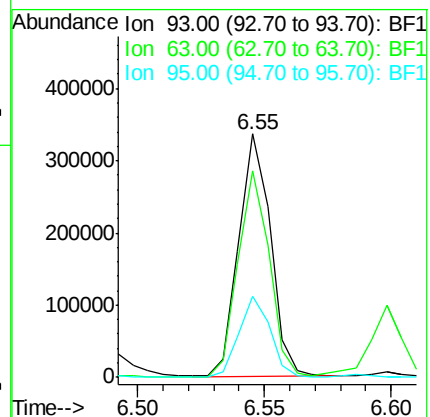
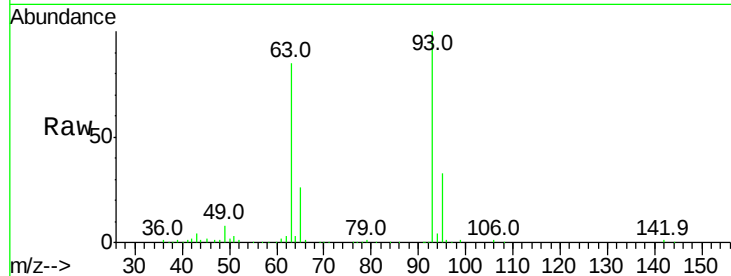
Tot Ion: 93 Resp: 293677

Ion Ratio Lower Upper

93 100

63 84.9 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 31.590 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

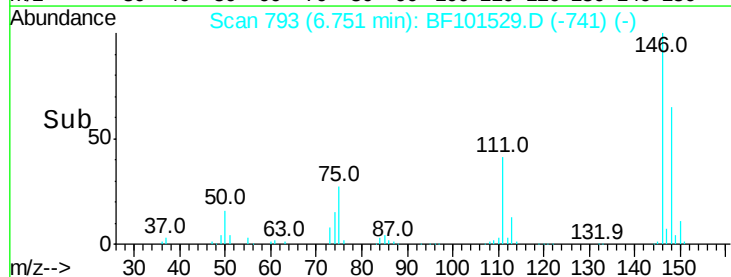
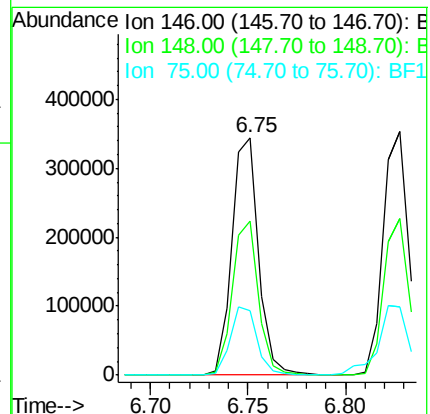
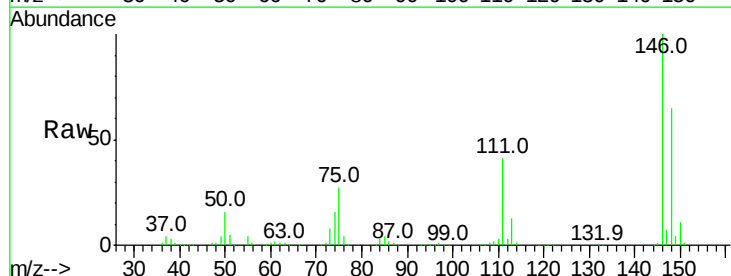
Tgt Ion: 146 Resp: 325784

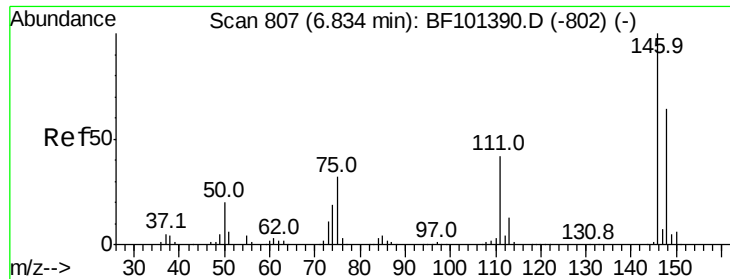
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 27.1 24.2 36.4

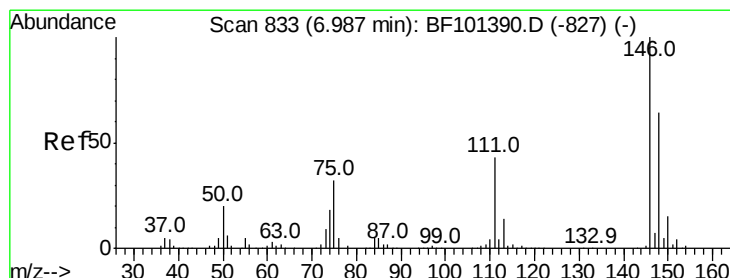
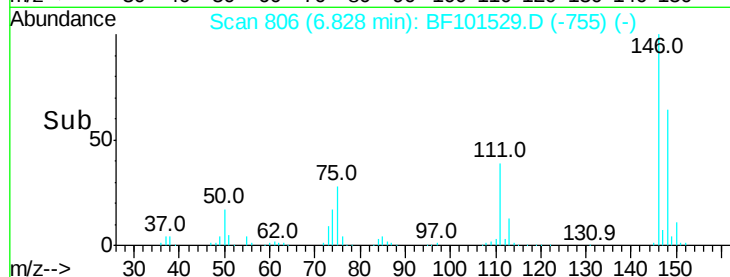
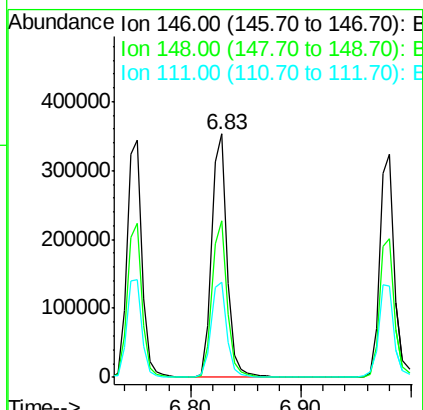
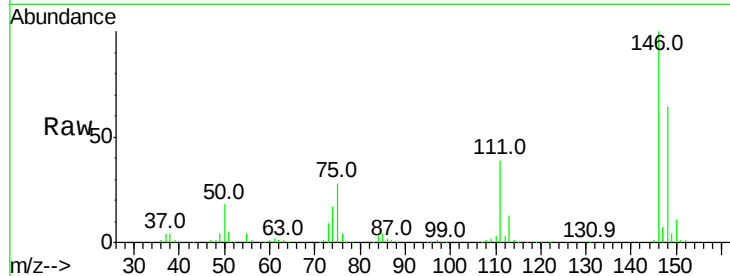




#13
 1,4-Dichlorobenzene
 Concen: 31.636 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

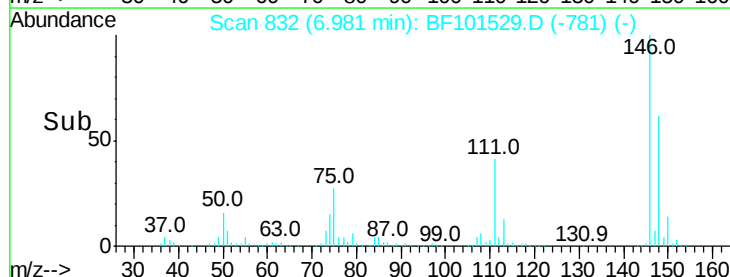
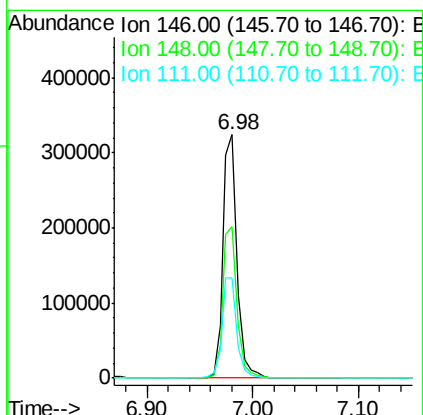
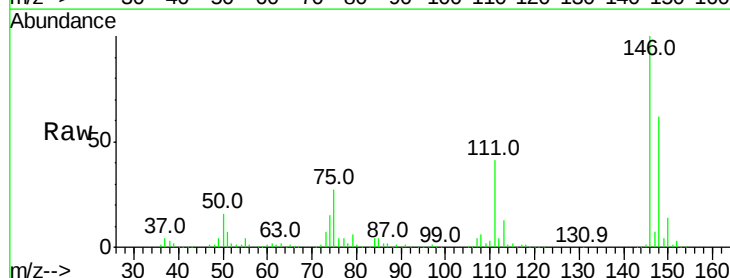
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

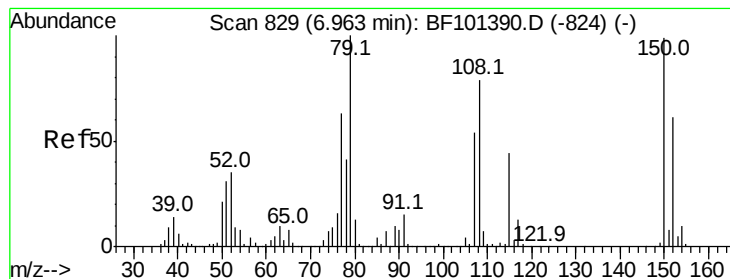
Tot Ion:146 Resp: 333171
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 39.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.929 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:146 Resp: 302669
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.6 75.8
 111 40.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.055 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

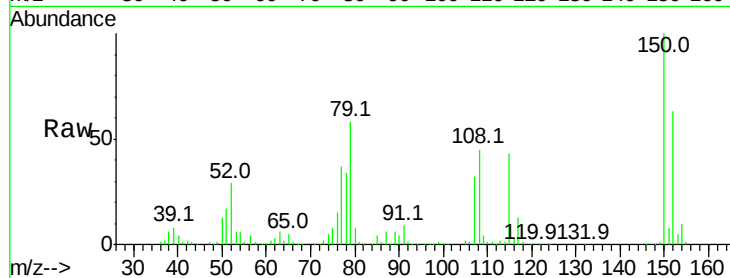
Tot Ion: 79 Resp: 223638

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

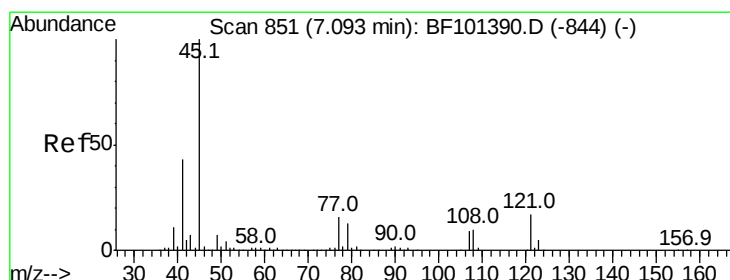
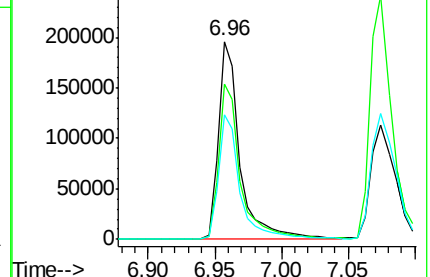
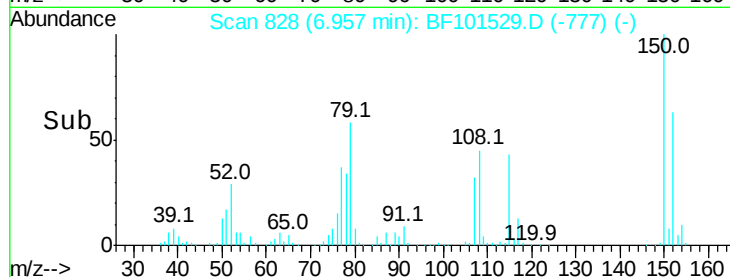
77 63.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.716 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

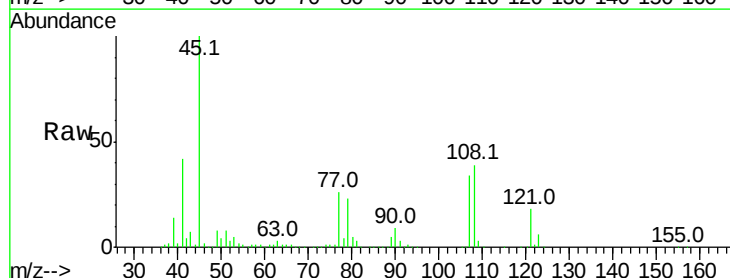
Tgt Ion: 45 Resp: 483927

Ion Ratio Lower Upper

45 100

77 25.9 0.0 32.9

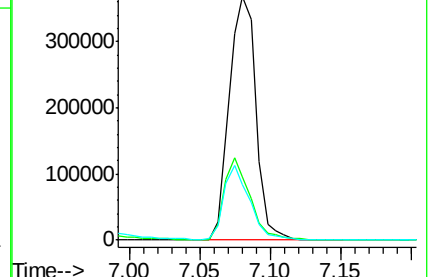
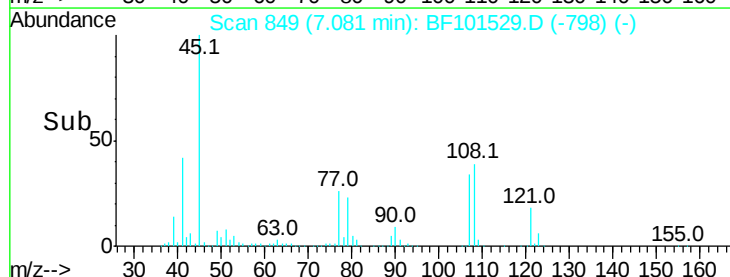
79 22.9 0.0 29.6

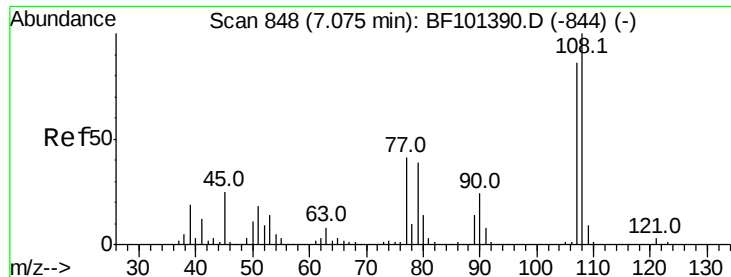


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 28.321 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

Tot Ion:107 Resp: 238045

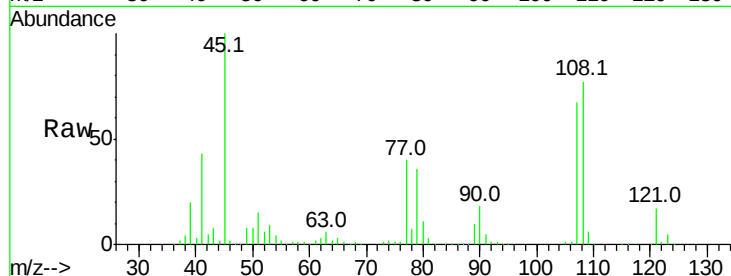
Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 59.9 33.8 50.8#

79 54.3 33.8 50.8#

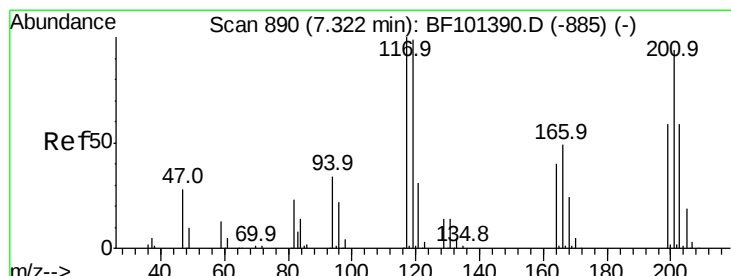
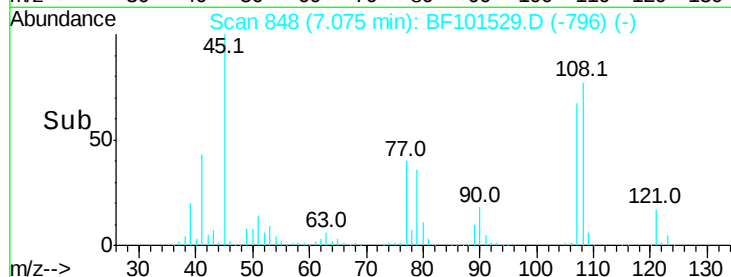
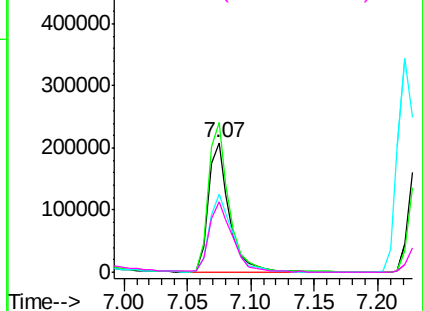


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.622 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

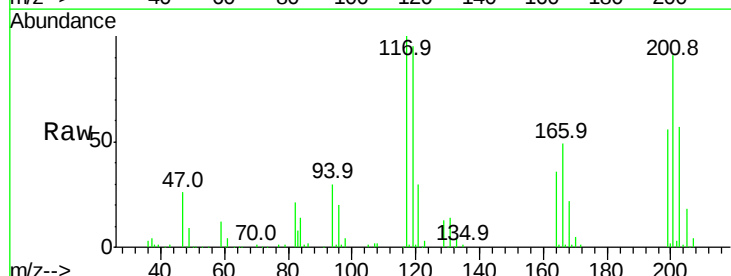
Tgt Ion:117 Resp: 112122

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

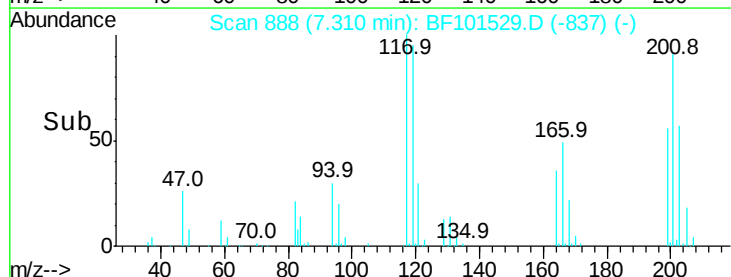
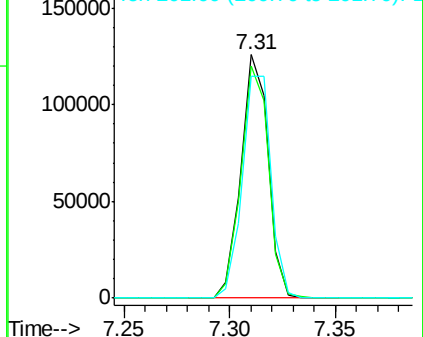
201 90.9 75.7 113.5

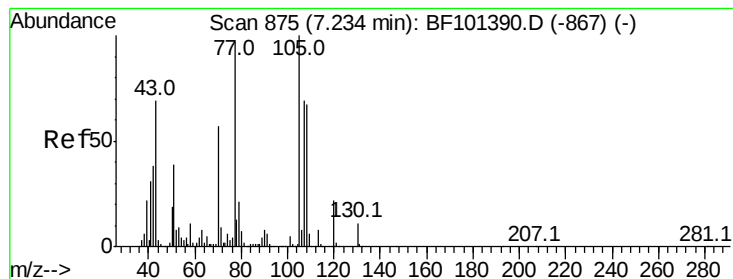


Abundance Ion 117.00 (116.70 to 117.70): E

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: 28.607 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

Tot Ion: 70 Resp: 203103

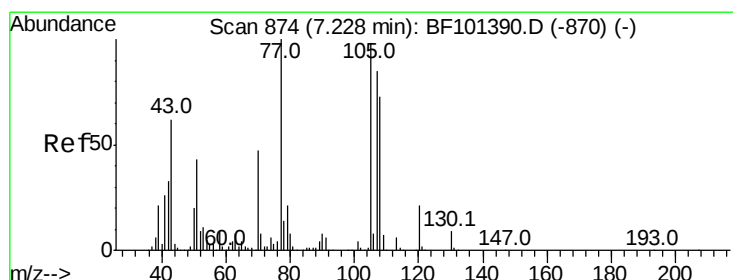
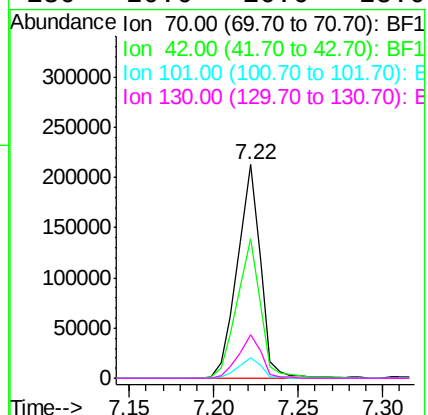
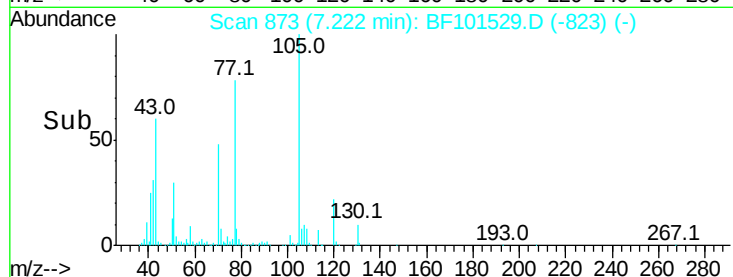
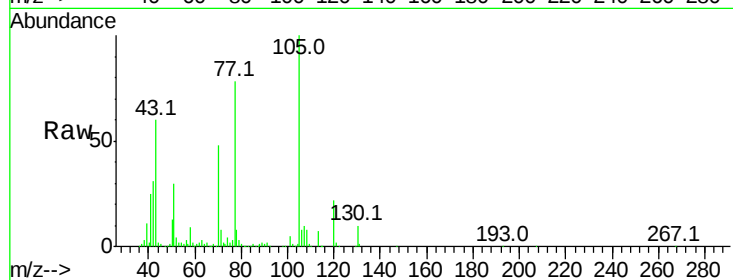
Ion Ratio Lower Upper

70 100

42 65.3 47.5 71.3

101 9.6 7.4 11.2

130 20.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 35.924 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Tgt Ion:107 Resp: 319978

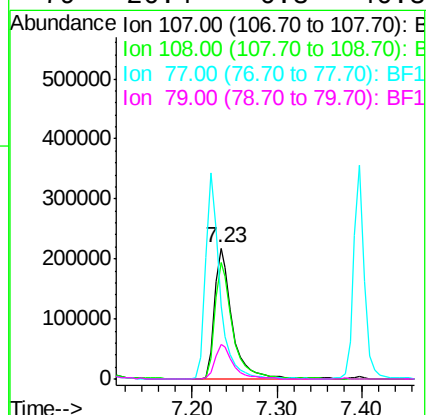
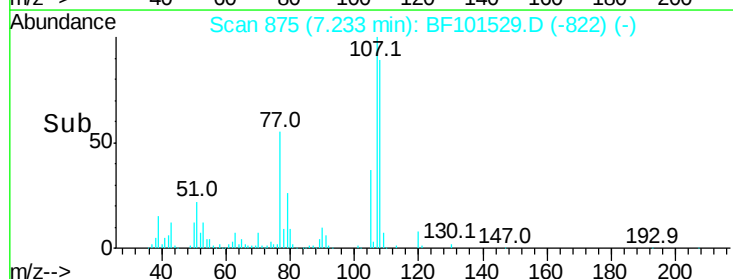
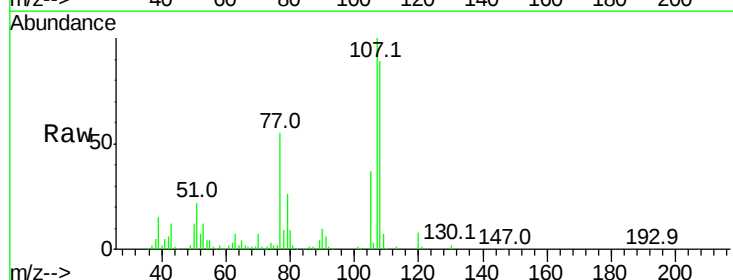
Ion Ratio Lower Upper

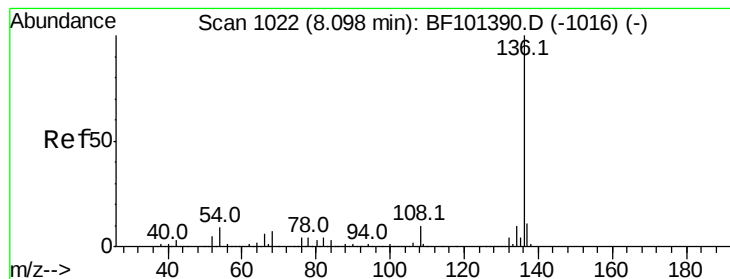
107 100

108 89.1 68.2 108.2

77 55.4 26.7 66.7

79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

Tot Ion:136 Resp: 515652

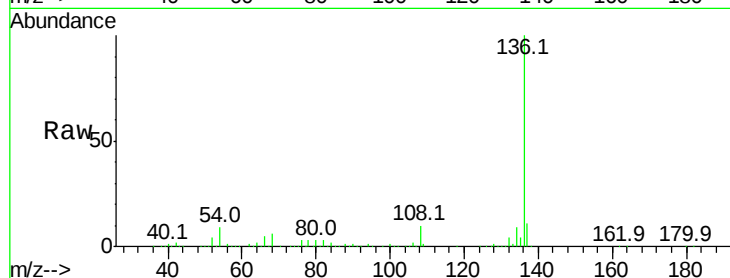
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 6.2 5.0 7.4

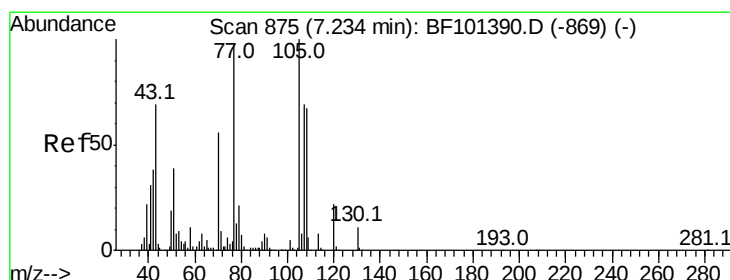
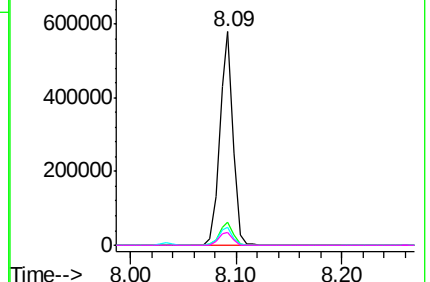
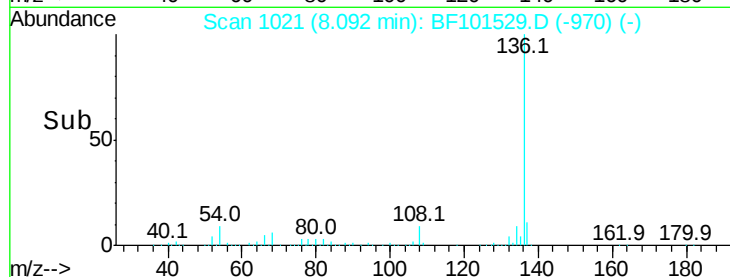


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.878 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Tgt Ion:105 Resp: 410376

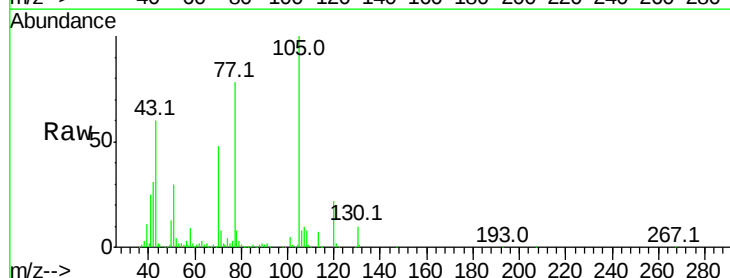
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 30.1 22.3 33.5

120 21.8 16.9 25.3

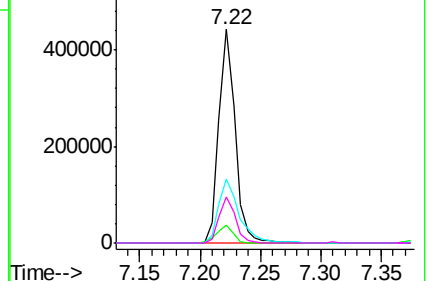
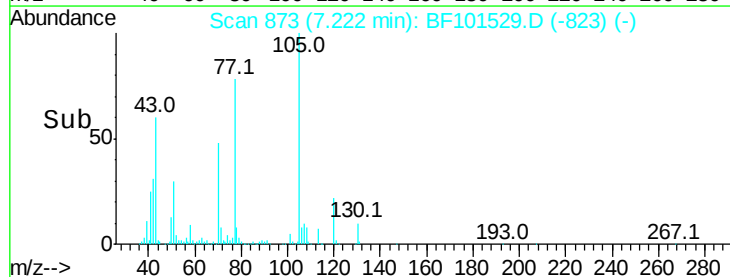


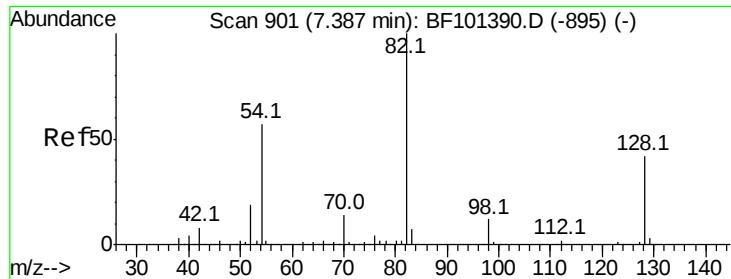
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

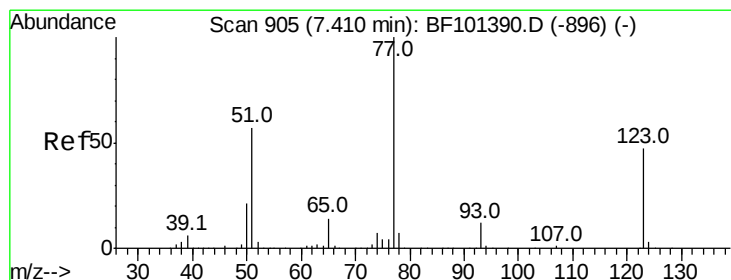
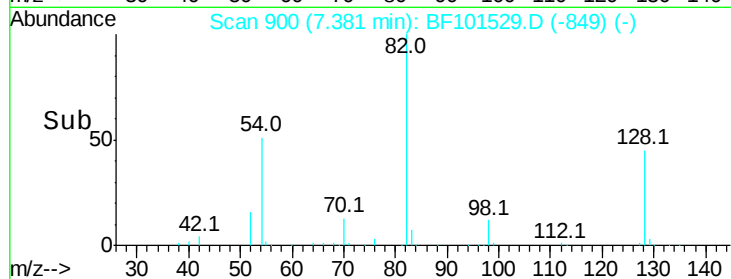
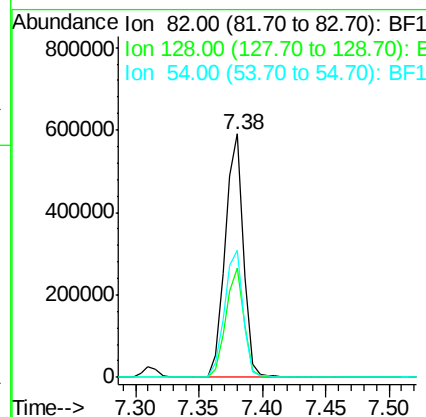
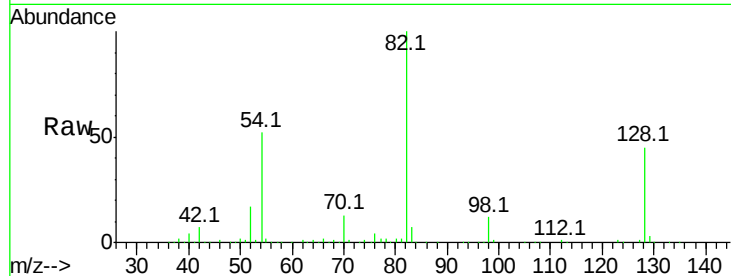




#23
 Nitrobenzene-d5
 Concen: 64.539 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

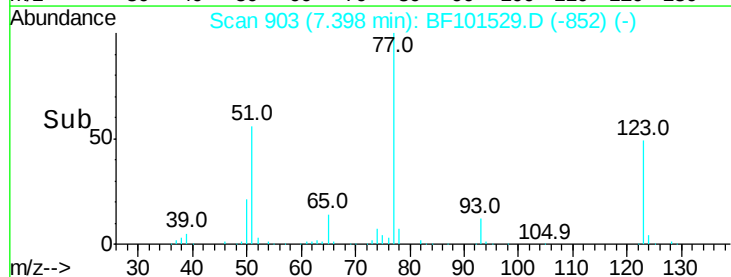
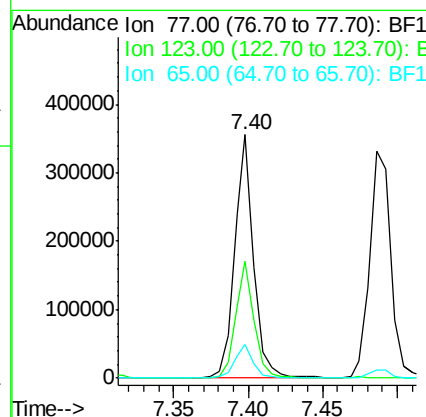
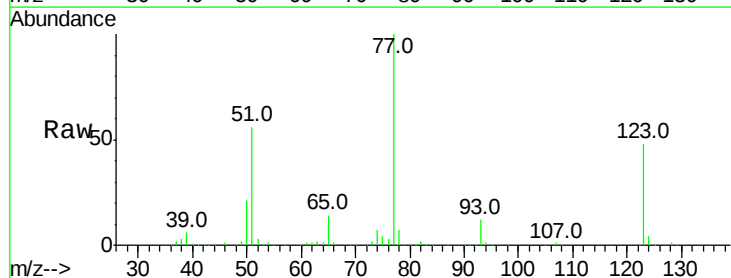
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

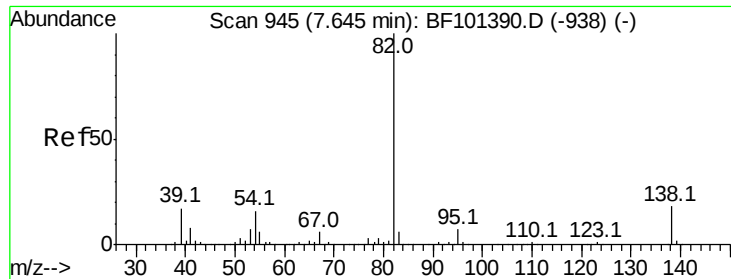
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 30.755 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 30.580 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

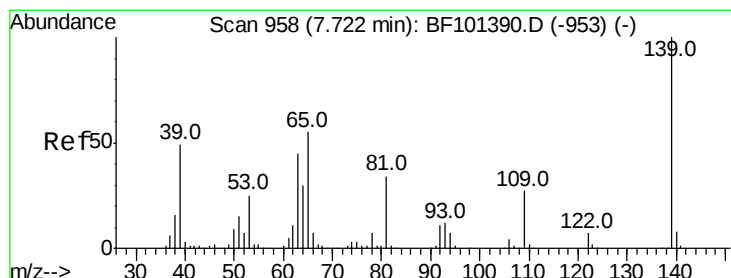
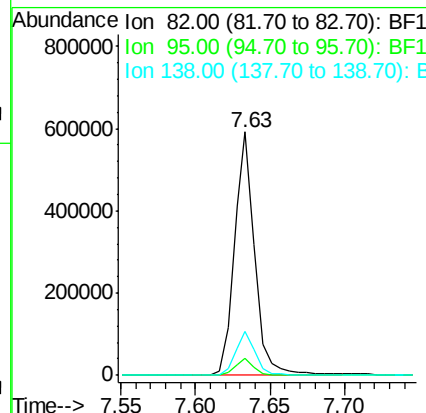
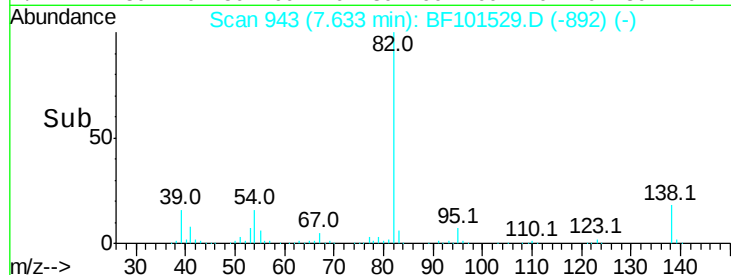
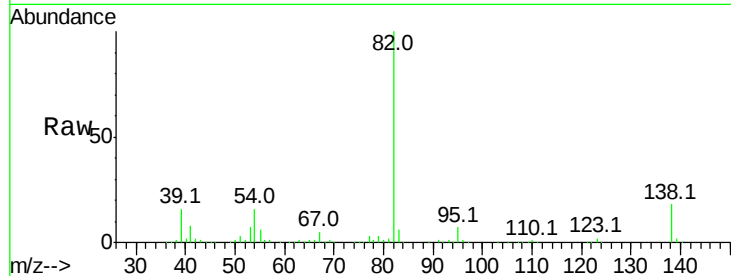
Tot Ion: 82 Resp: 568261

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 26.156 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

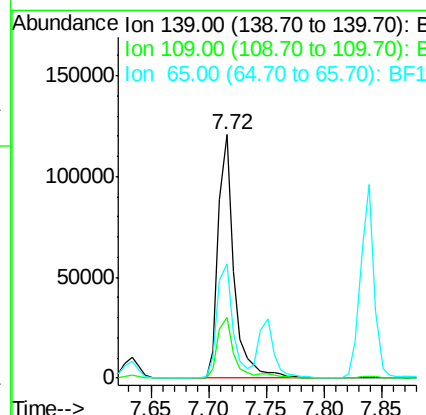
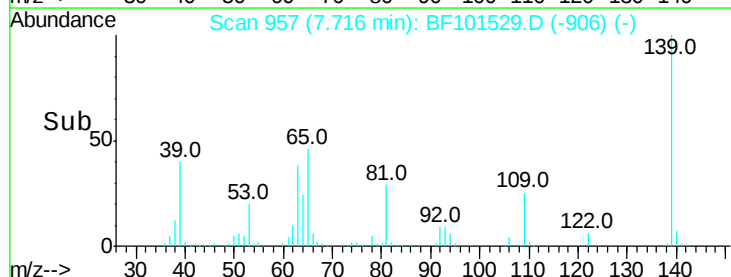
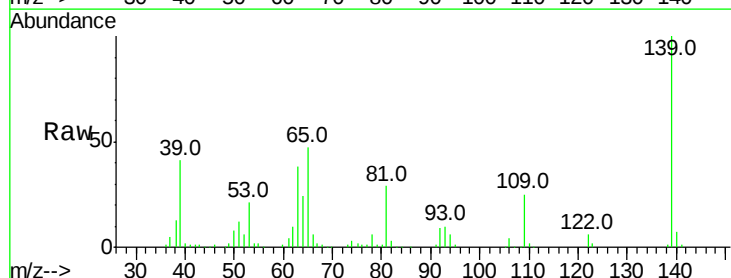
Tgt Ion:139 Resp: 115206

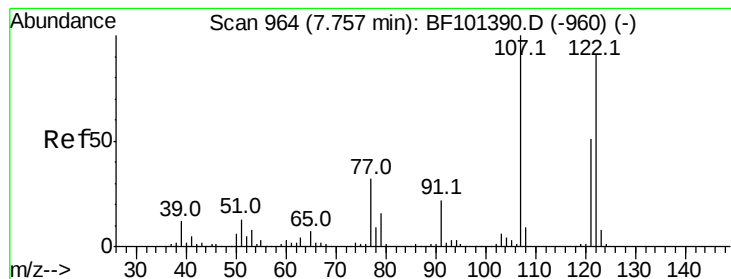
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 47.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.694 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

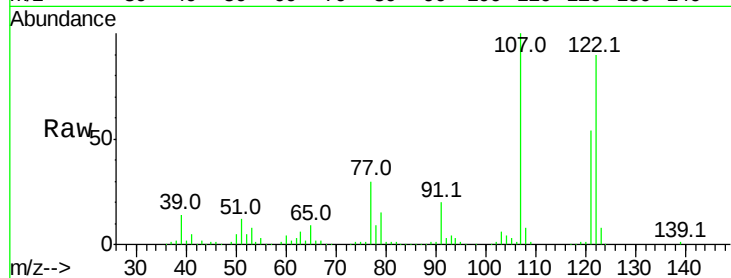
Tot Ion:122 Resp: 259604

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

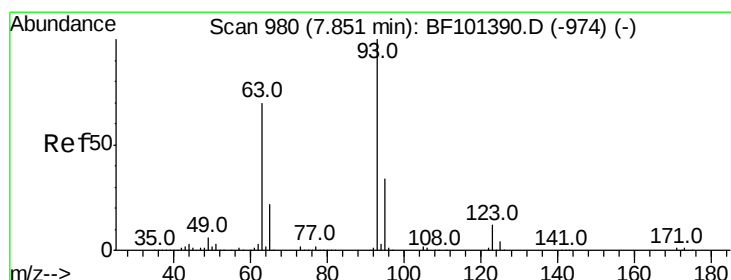
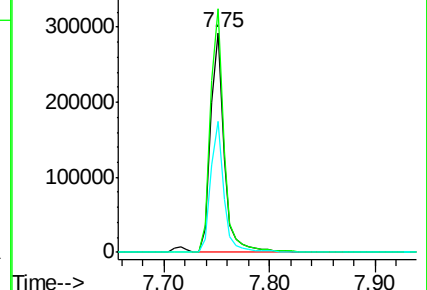
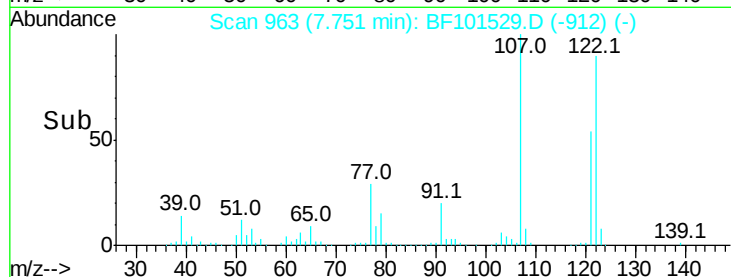
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.170 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

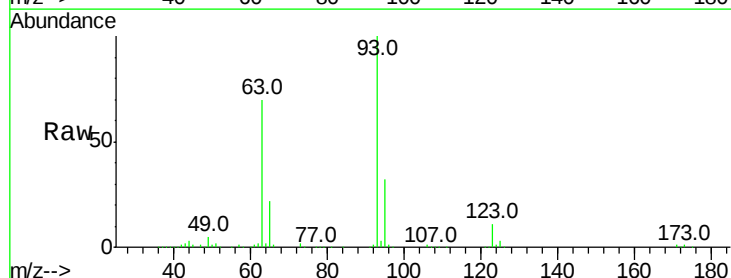
Tgt Ion: 93 Resp: 367941

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

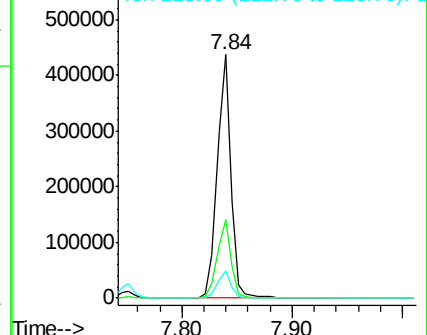
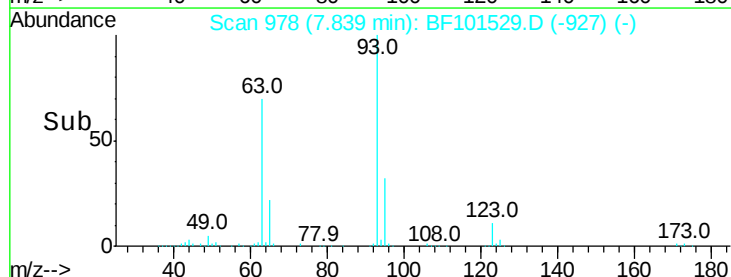
123 11.1 9.8 14.6

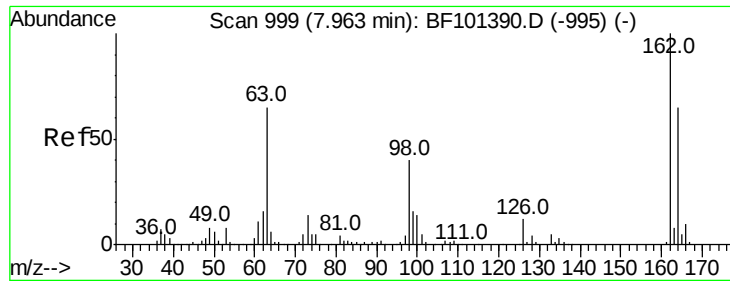


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

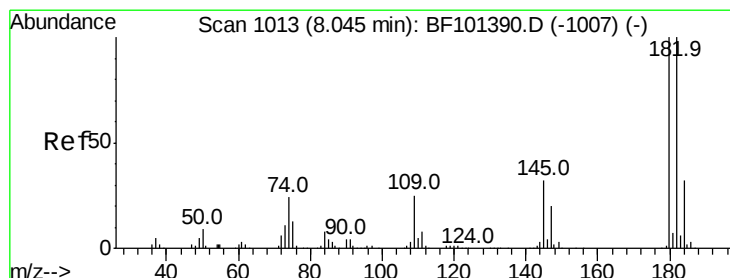
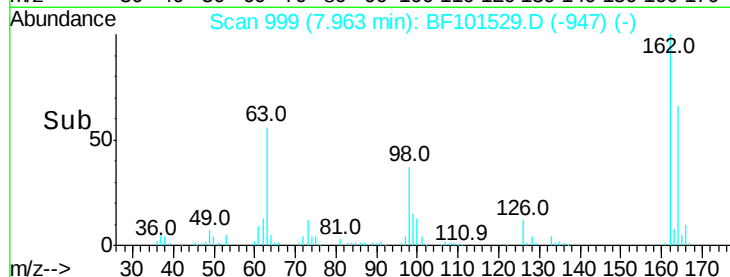
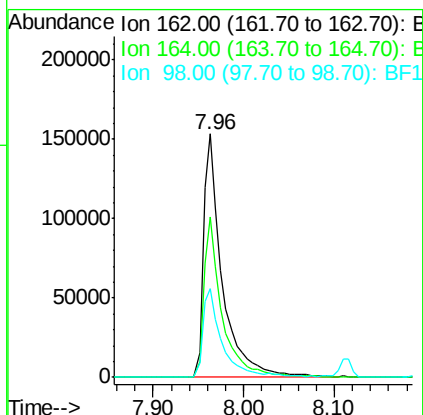
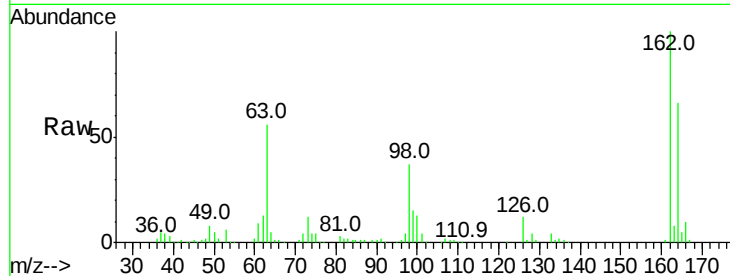




#29
 2,4-Dichlorophenol
 Concen: 30.018 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

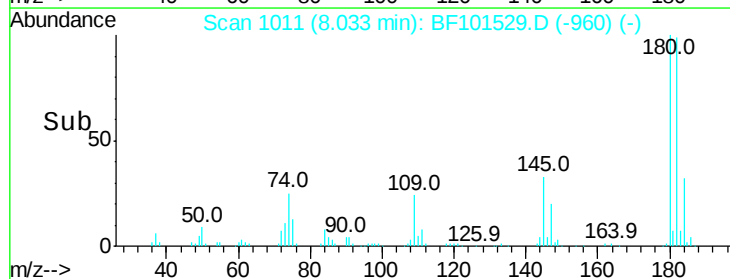
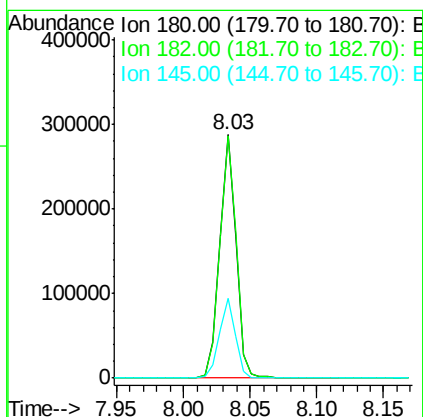
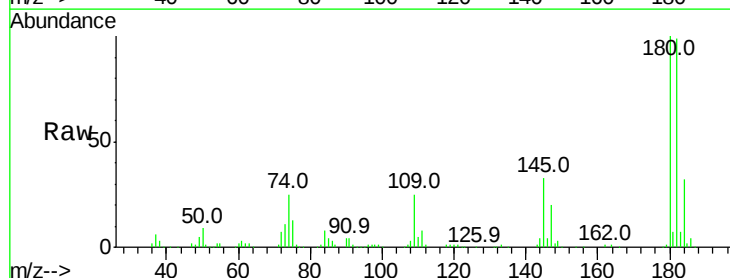
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

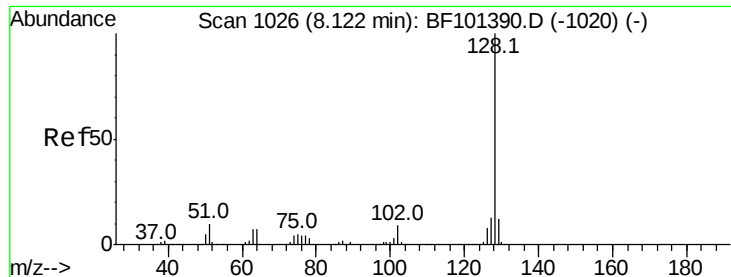
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.7	82.7
98	36.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.213 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	32.8	26.5	39.7

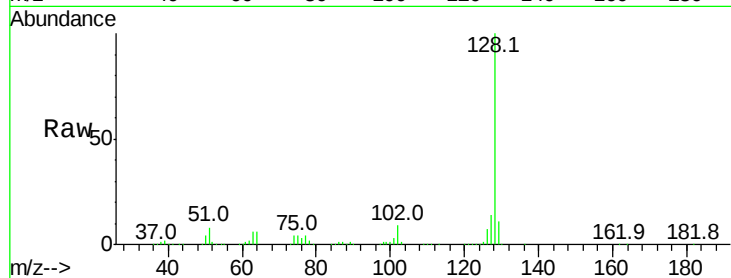




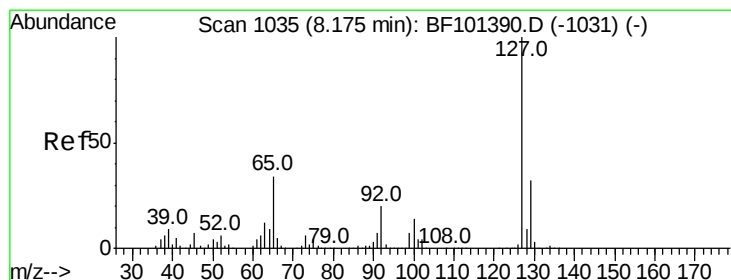
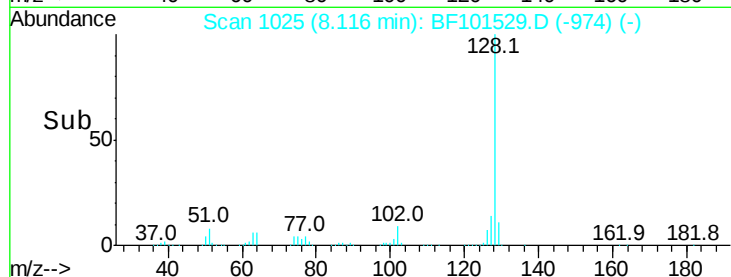
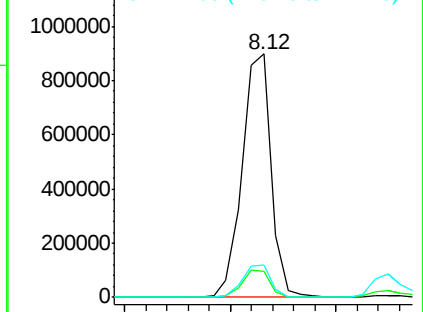
#31
Naphthalene
Concen: 32.886 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:128 Resp: 853713
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.9 16.3

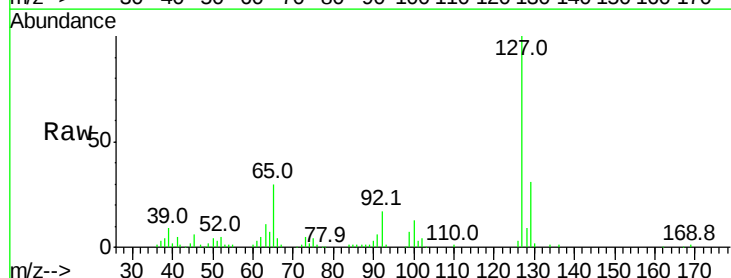


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

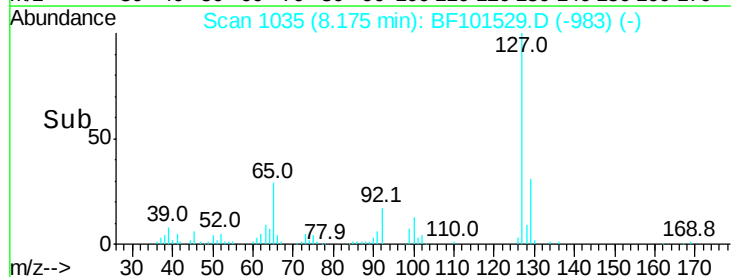
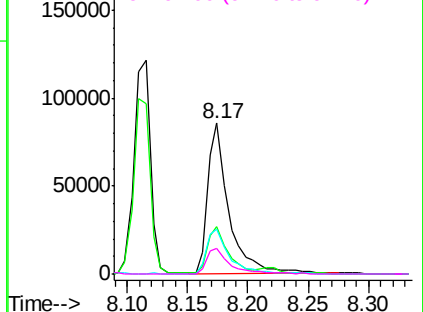


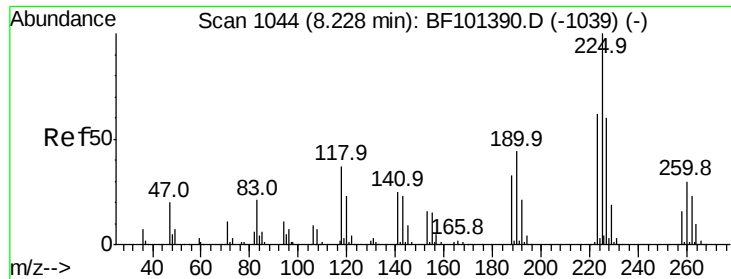
#33
4-Chloroaniline
Concen: 9.153 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:127 Resp: 103272
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9
65 29.6 25.0 37.4
92 17.2 15.2 22.8



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





#34

Hexachlorobutadiene

Concen: 32.583 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

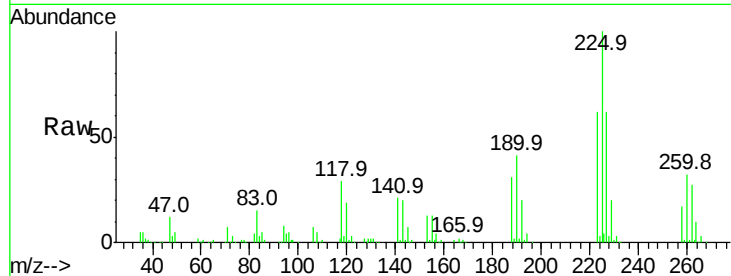
Tot Ion:225 Resp: 147019

Ion Ratio Lower Upper

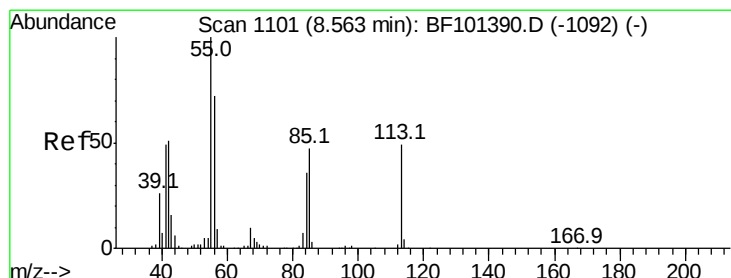
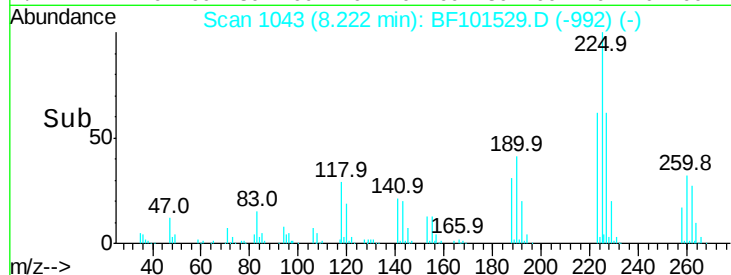
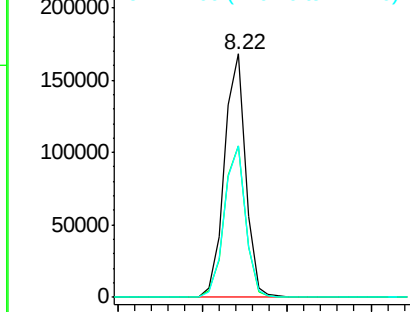
225 100

223 62.2 50.6 76.0

227 62.4 51.9 77.9



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



#35

Caprolactam

Concen: 27.913 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

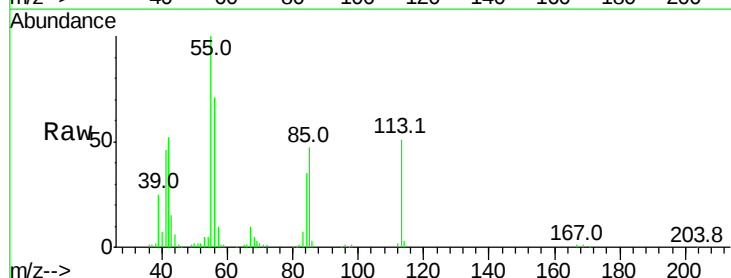
Tgt Ion:113 Resp: 71651

Ion Ratio Lower Upper

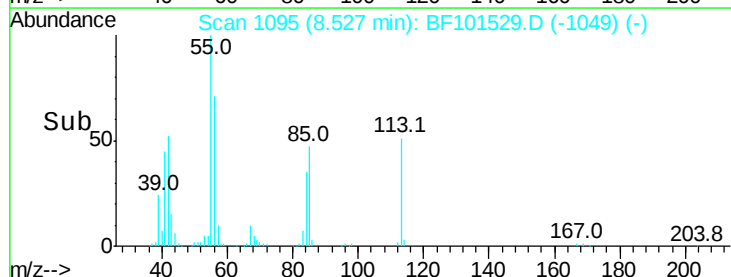
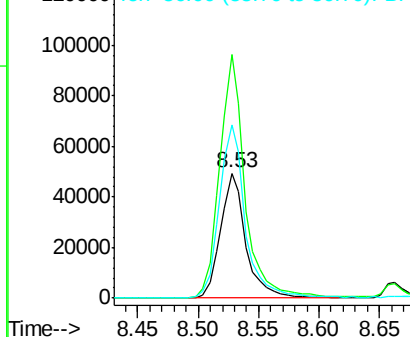
113 100

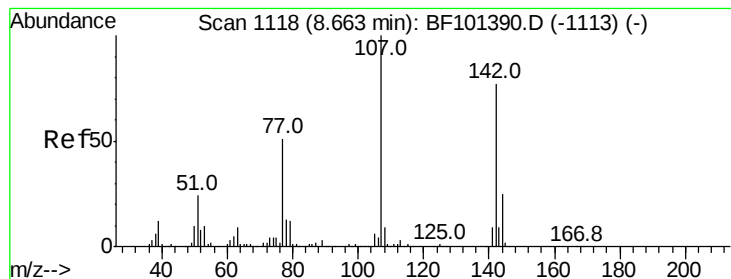
55 195.3 163.3 203.3

56 139.4 115.7 155.7



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





#36

4-Chloro-3-methylphenol

Concen: 32.085 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

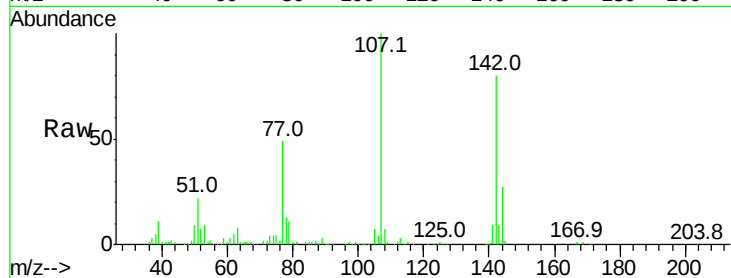
Tot Ion:107 Resp: 260697

Ion Ratio Lower Upper

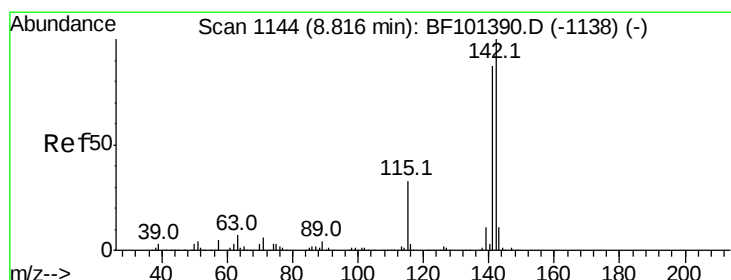
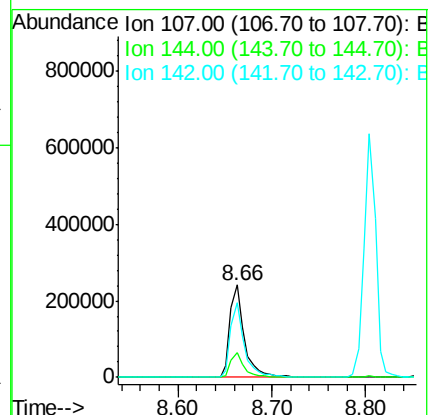
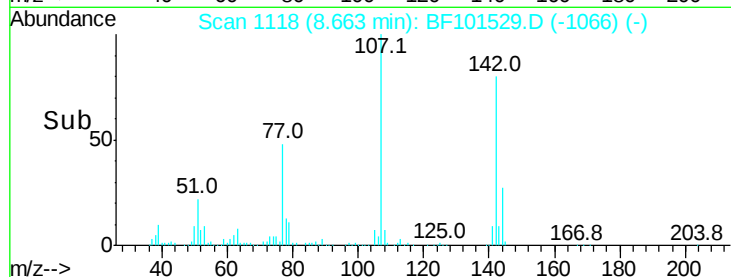
107 100

144 26.7 20.5 30.7

142 80.5 62.0 93.0



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



#37

2-Methylnaphthalene

Concen: 32.672 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

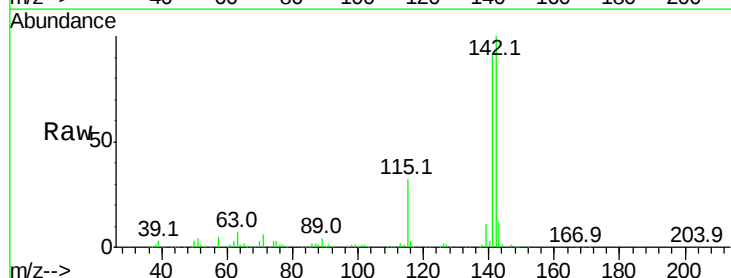
Tgt Ion:142 Resp: 552588

Ion Ratio Lower Upper

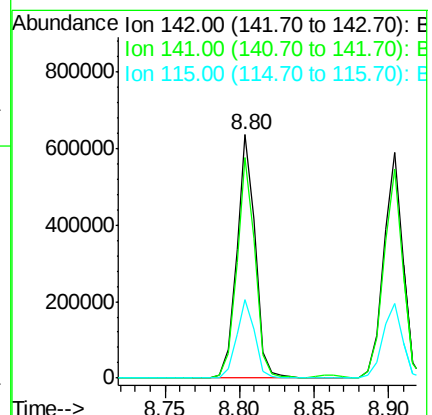
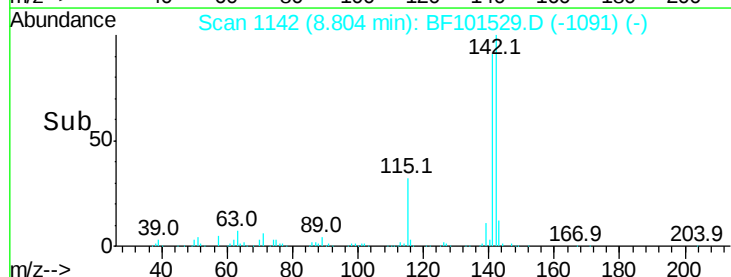
142 100

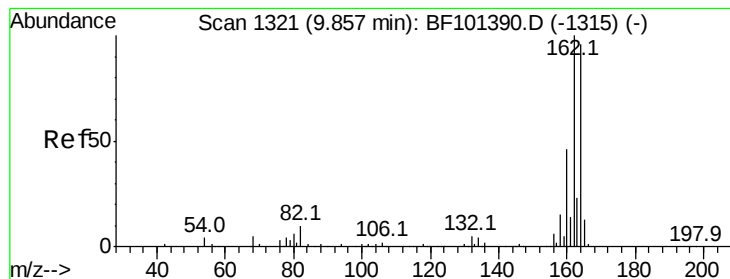
141 90.6 70.8 106.2

115 32.4 26.1 39.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

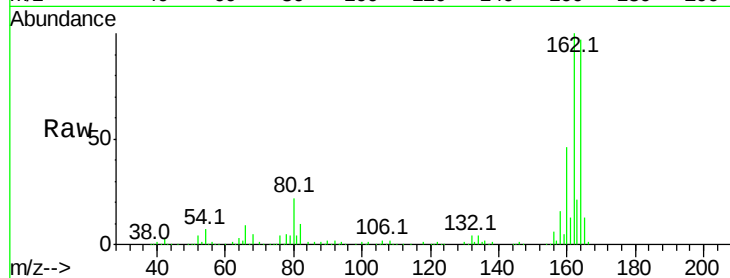
Tot Ion:164 Resp: 226306

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

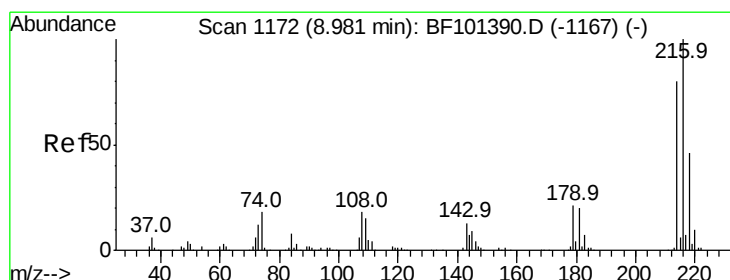
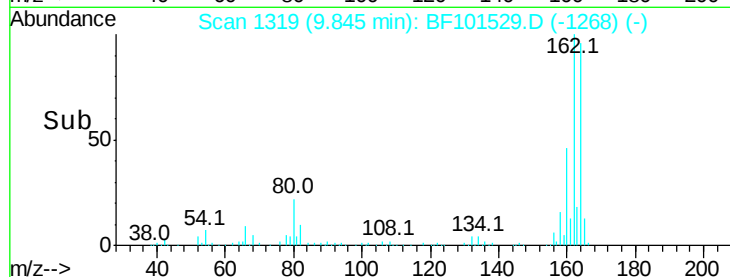
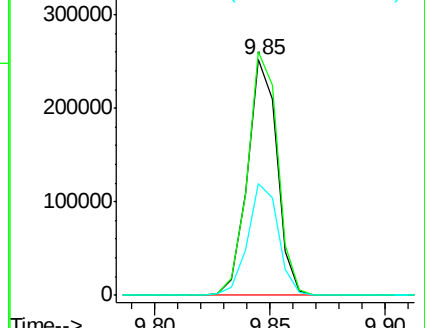
160 47.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.457 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Tgt Ion:216 Resp: 263276

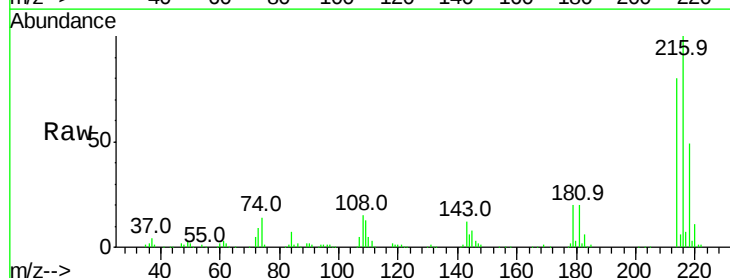
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 20.5 18.1 27.1

108 16.9 17.2 25.8#

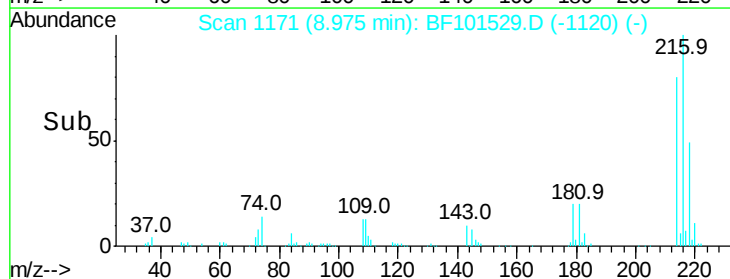
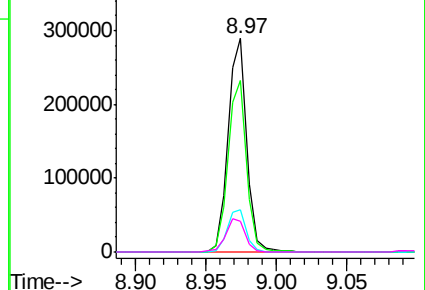


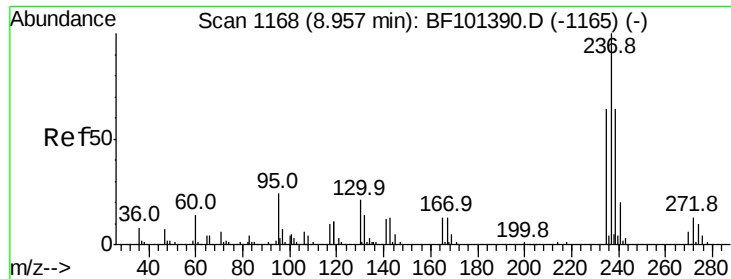
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

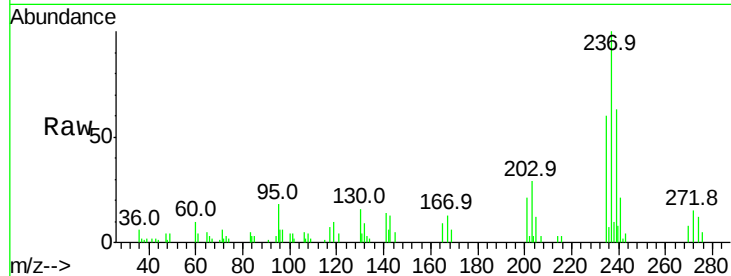




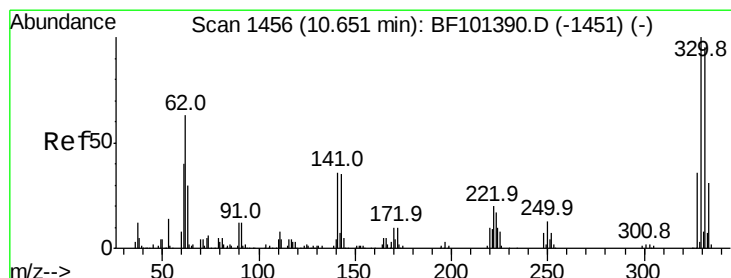
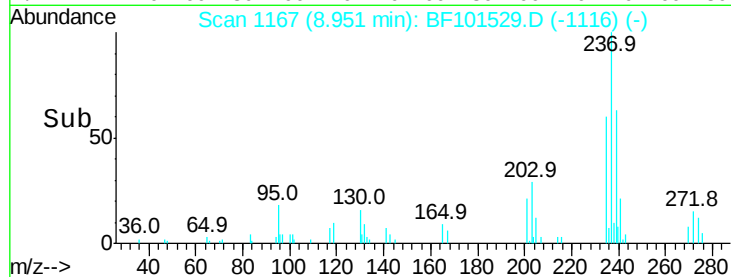
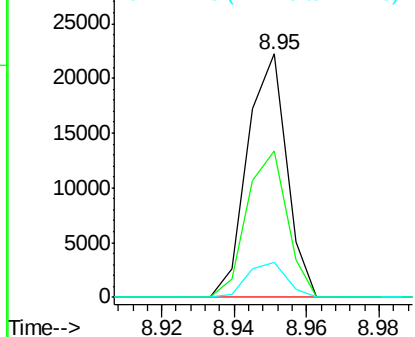
#40
 Hexachlorocyclopentadiene
 Concen: 24.630 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Tot Ion:	237	Resp:	16609
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	14.6	0.0	33.3

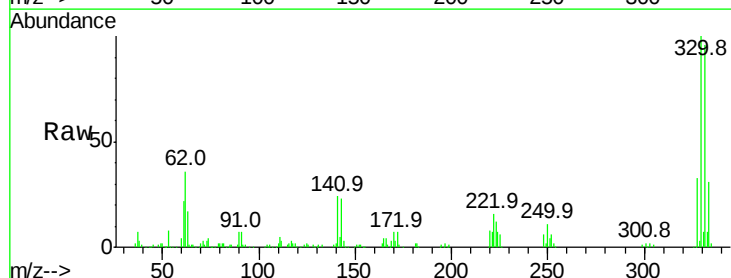


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

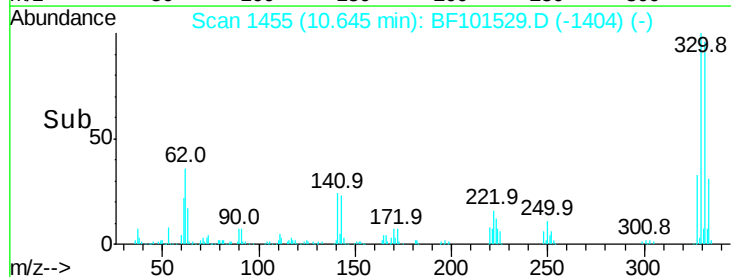
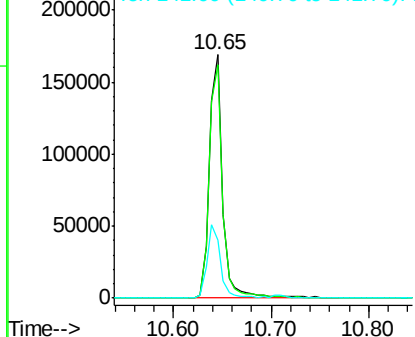


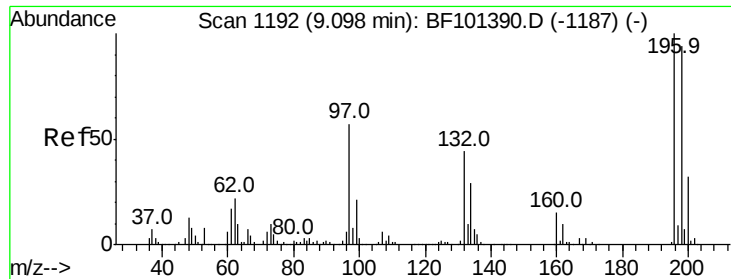
#41
 2,4,6-Tribromophenol
 Concen: 72.704 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:	330	Resp:	158541
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.4	29.9	44.9



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





#42

2,4,6-Trichlorophenol

Concen: 19.267 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

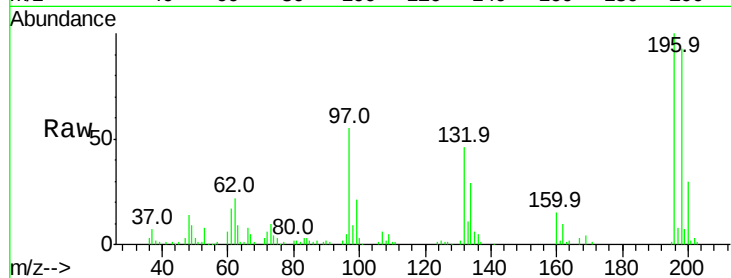
Tot Ion:196 Resp: 88624

Ion Ratio Lower Upper

196 100

198 93.2 75.7 113.5

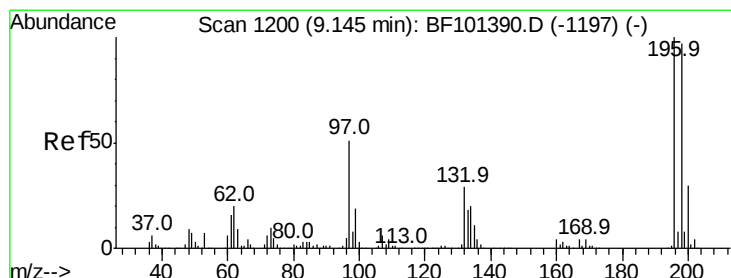
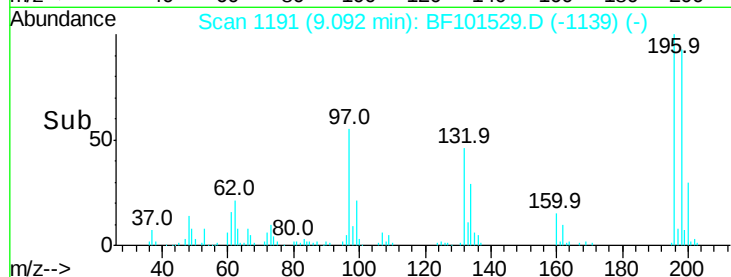
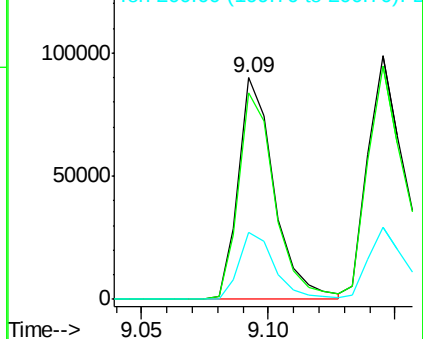
200 30.3 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 23.796 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Tgt Ion:196 Resp: 119849

Ion Ratio Lower Upper

196 100

198 95.8 74.6 112.0

97 45.2 42.9 64.3

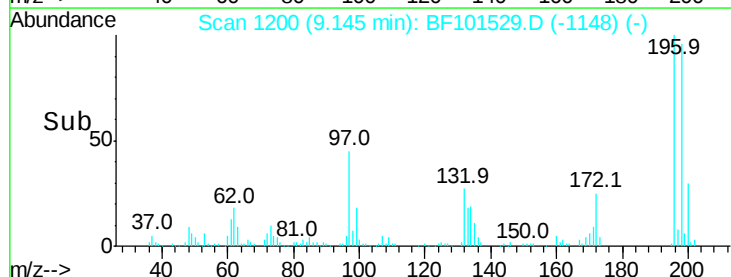
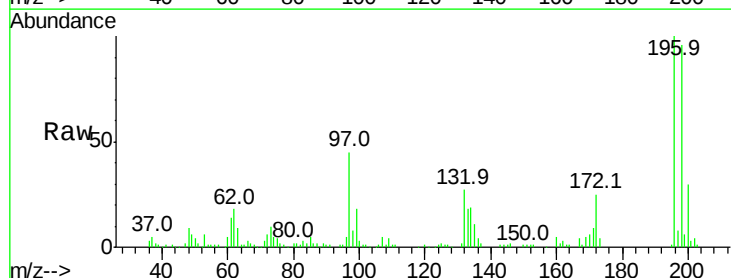
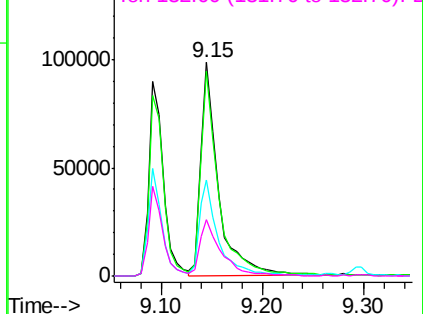
132 26.6 26.3 39.5

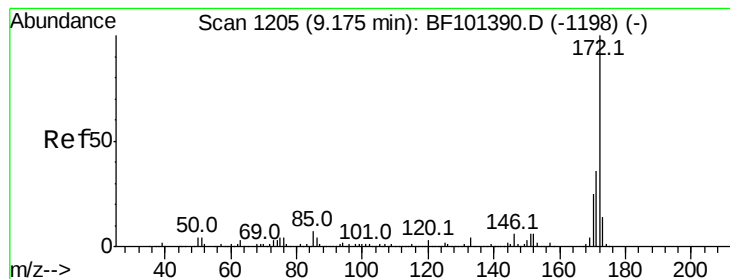
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 67.781 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

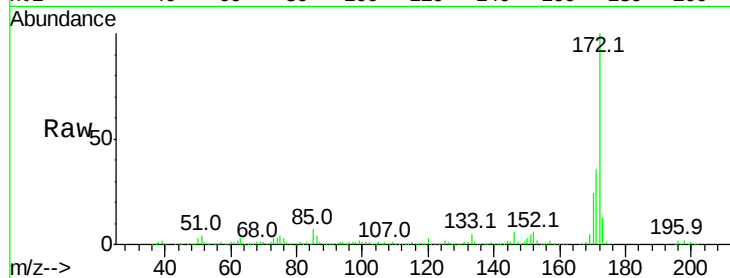
Tot Ion:172 Resp: 988830

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

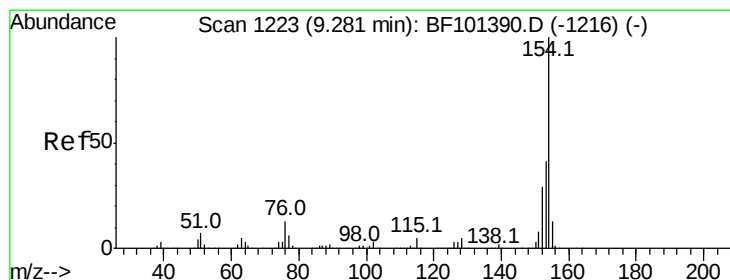
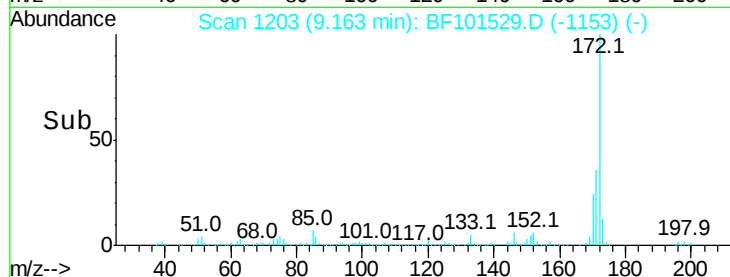
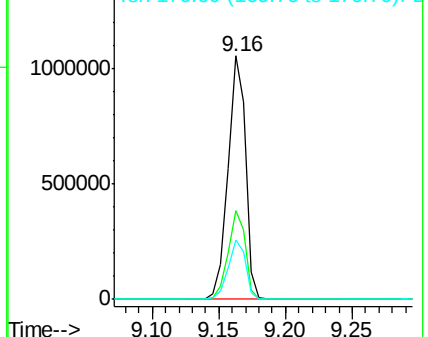
170 24.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 33.015 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

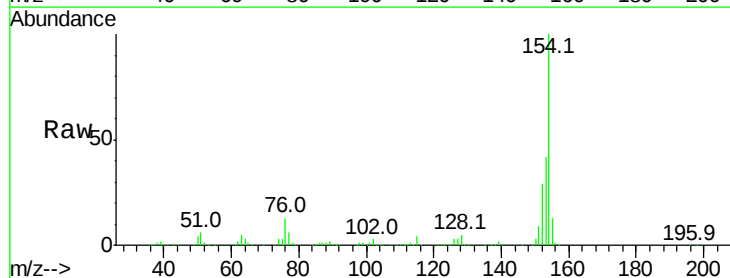
Tgt Ion:154 Resp: 662614

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

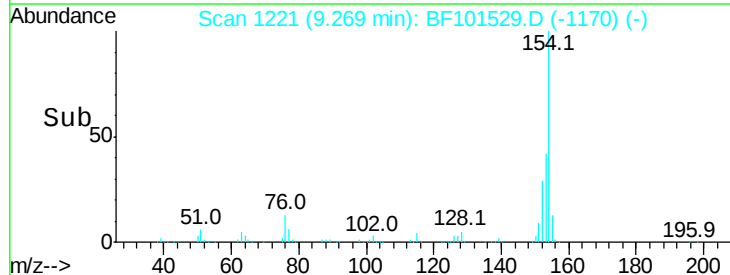
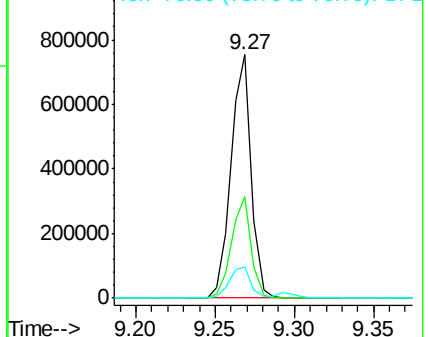
76 12.7 0.0 34.0

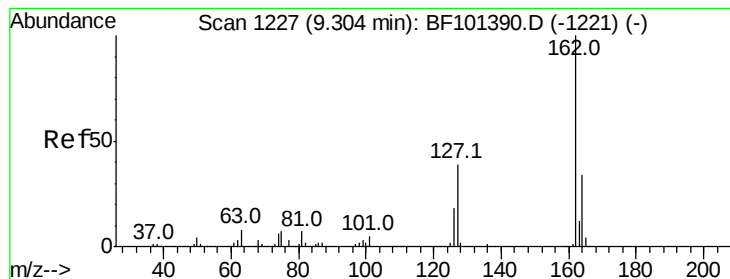


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

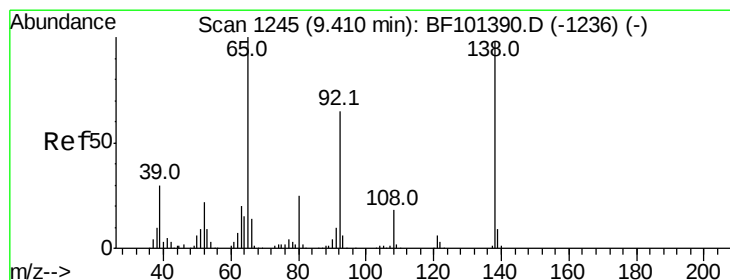
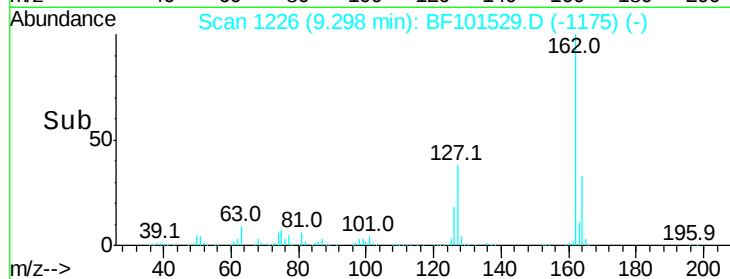
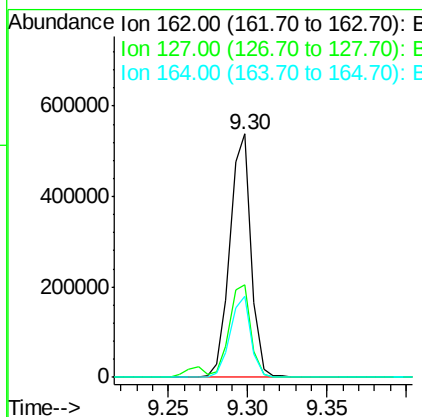
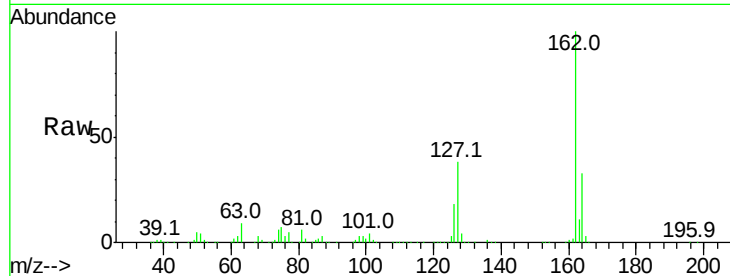




#46
 2-Chloronaphthalene
 Concen: 32.353 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

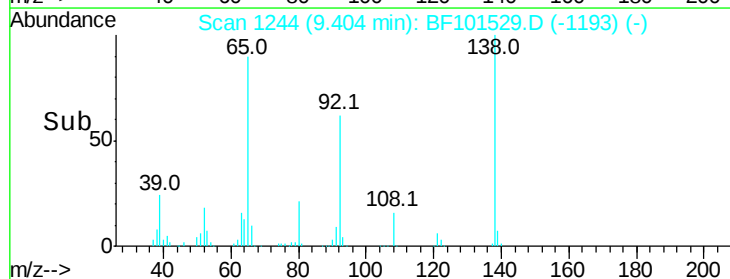
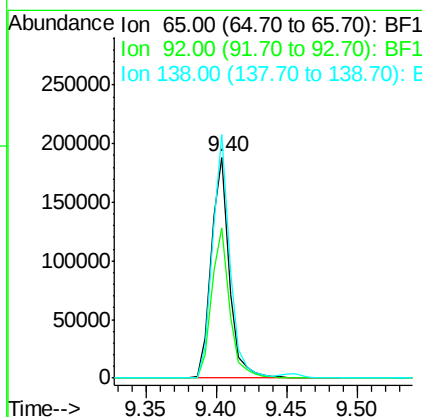
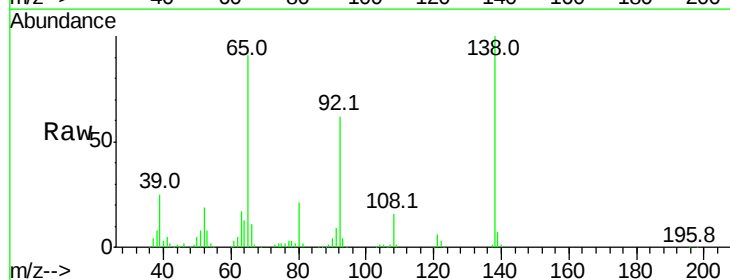
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

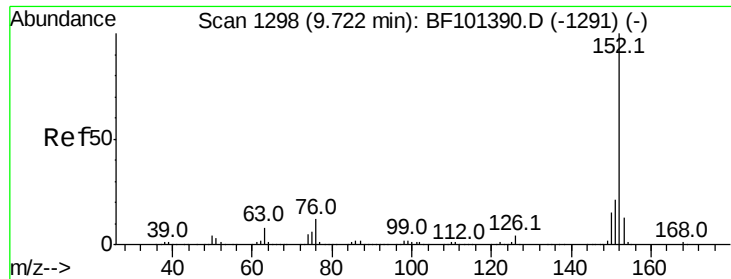
Tot Ion:	162	Resp:	496837
Ion Ratio	Lower	Upper	
162	100		
127	38.2	33.9	50.9
164	33.4	26.5	39.7



#47
 2-Nitroaniline
 Concen: 31.478 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:	65	Resp:	166989
Ion Ratio	Lower	Upper	
65	100		
92	68.1	55.8	83.6
138	110.4	91.2	136.8





#48

Acenaphthylene

Concen: 30.119 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

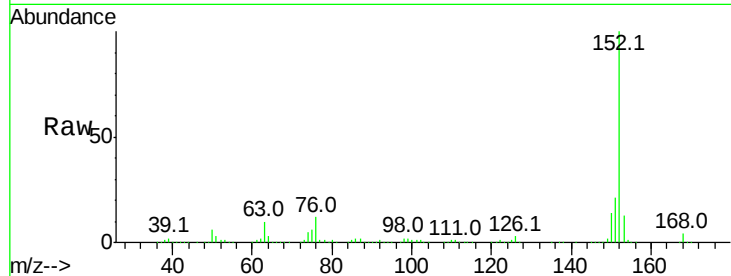
Tot Ion:152 Resp: 730538

Ion Ratio Lower Upper

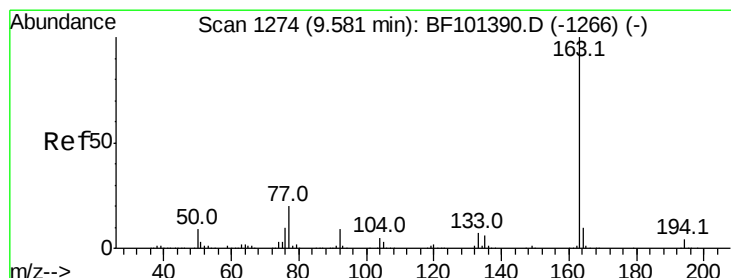
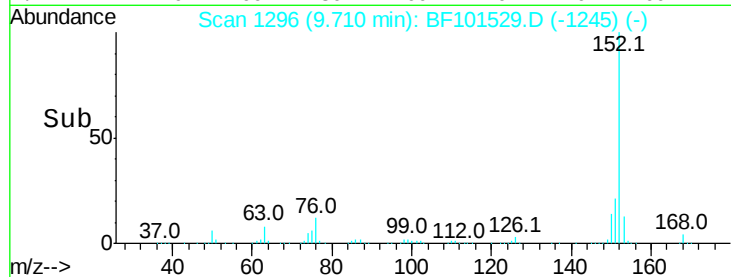
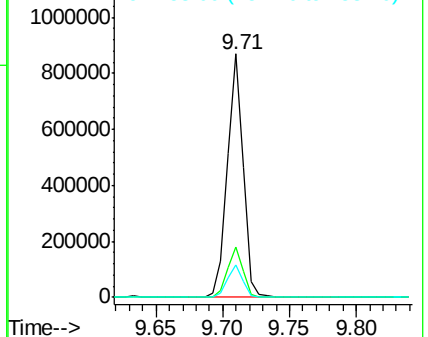
152 100

151 20.6 16.3 24.5

153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.194 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

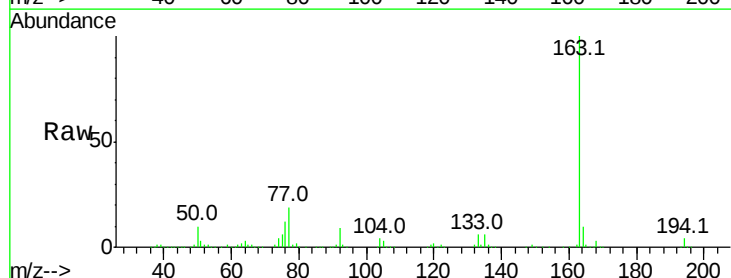
Tgt Ion:163 Resp: 677056

Ion Ratio Lower Upper

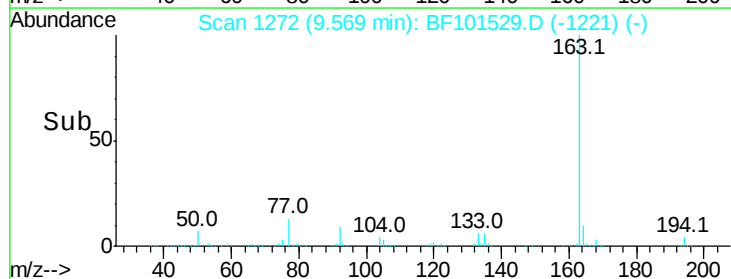
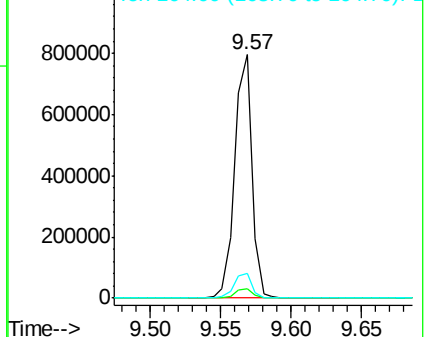
163 100

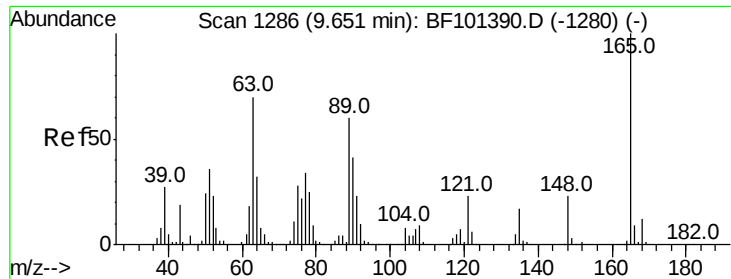
194 3.9 2.7 4.1

164 10.1 8.2 12.2



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

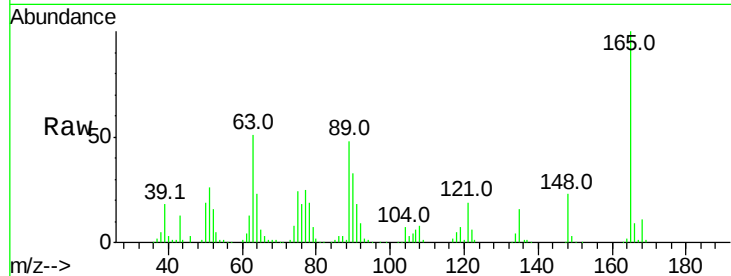




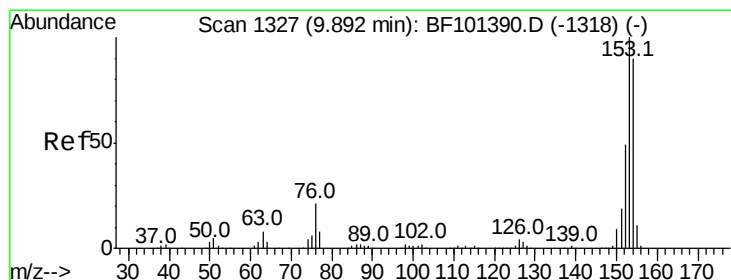
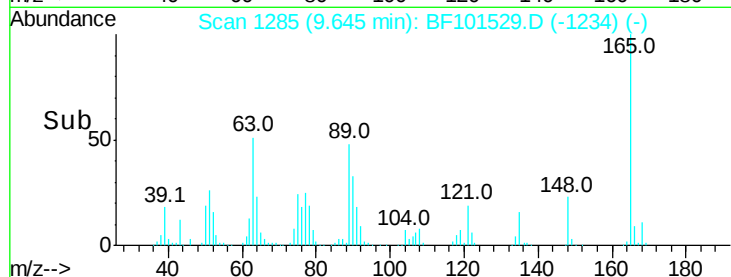
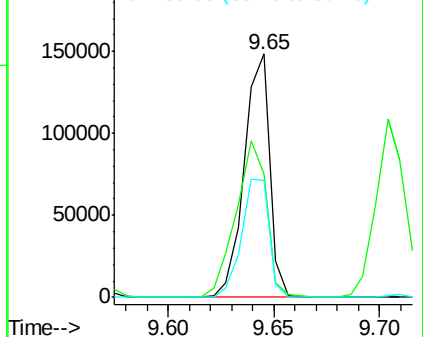
#50
2,6-Dinitrotoluene
Concen: 33.656 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:165 Resp: 124516
Ion Ratio Lower Upper
165 100
63 50.6 44.7 67.1
89 48.0 44.0 66.0

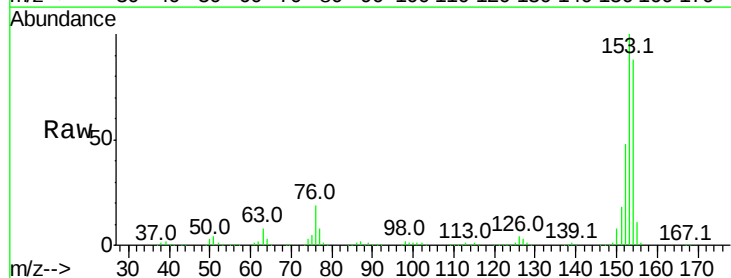


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

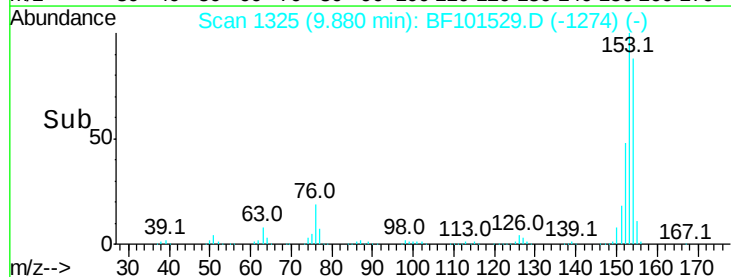
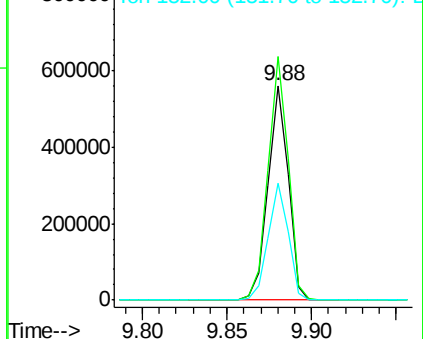


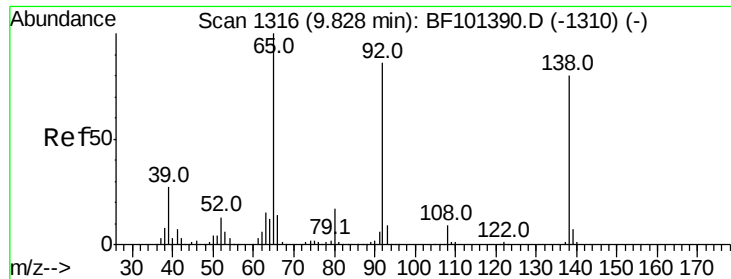
#51
Acenaphthene
Concen: 31.739 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:154 Resp: 462526
Ion Ratio Lower Upper
154 100
153 113.4 91.2 136.8
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

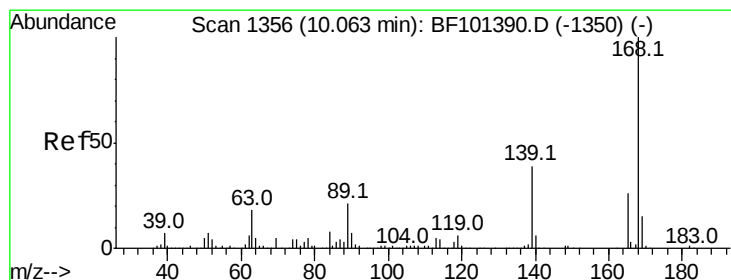
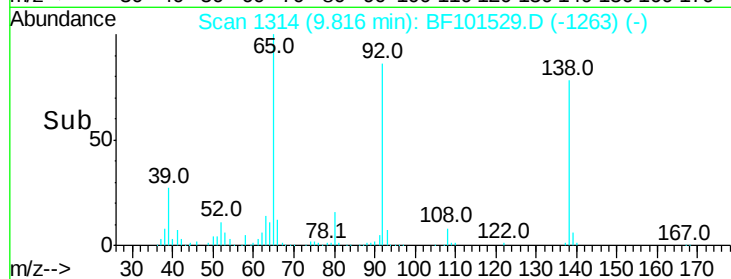
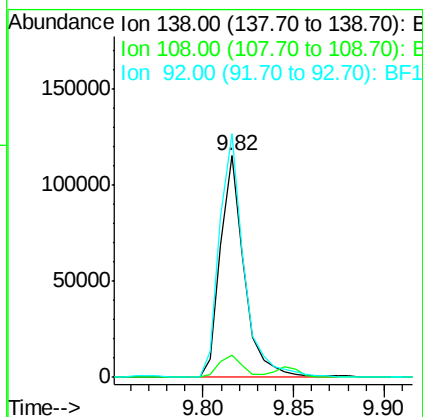
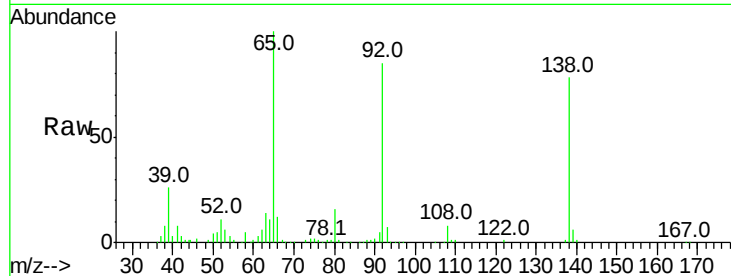




#52
3-Nitroaniline
Concen: 23.014 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

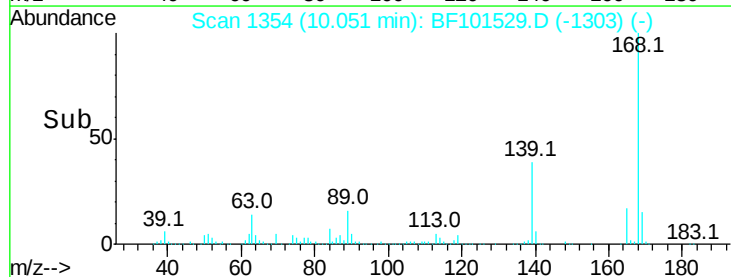
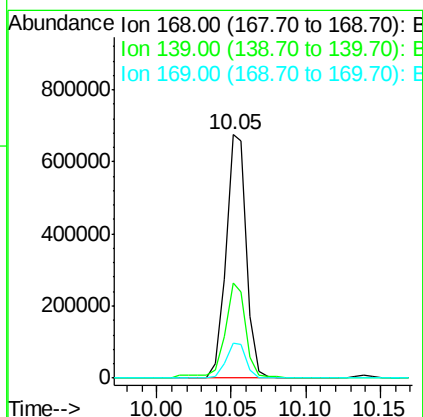
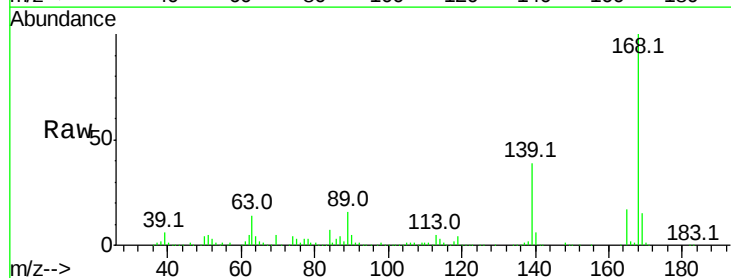
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

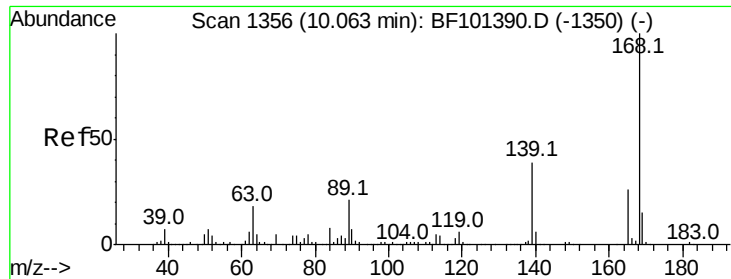
Tot Ion:138 Resp: 106153
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 109.8 89.4 134.2



#54
Dibenzofuran
Concen: 35.259 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:168 Resp: 652982
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.5 10.9 16.3

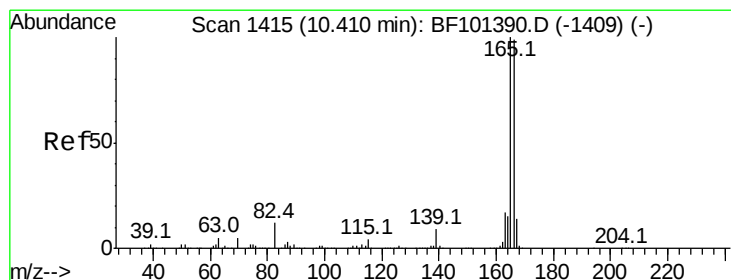
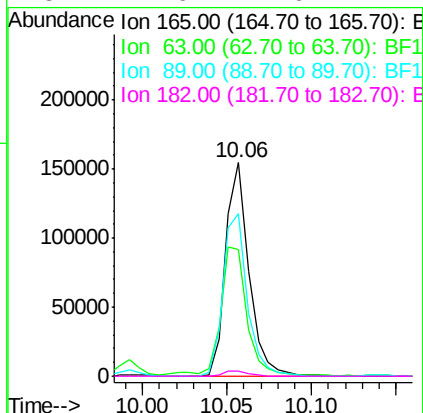
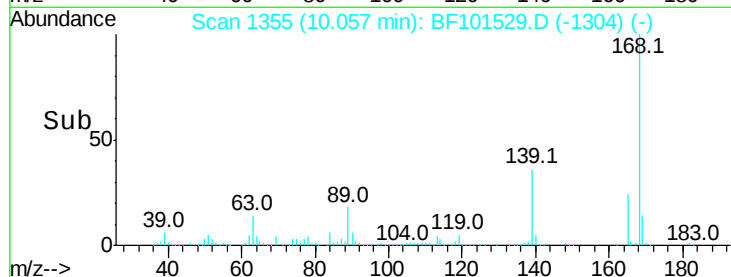
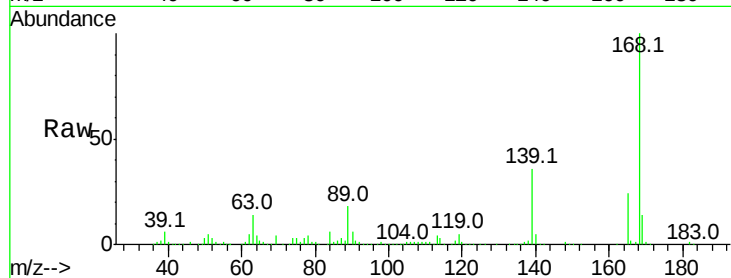




#56
2,4-Dinitrotoluene
Concen: 35.807 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

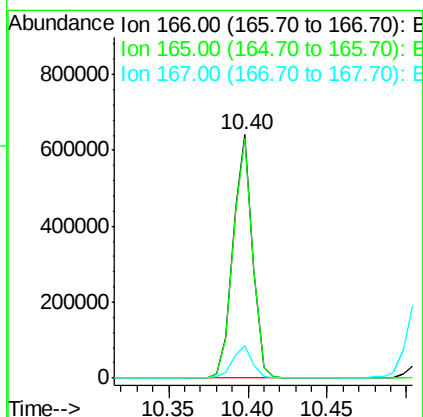
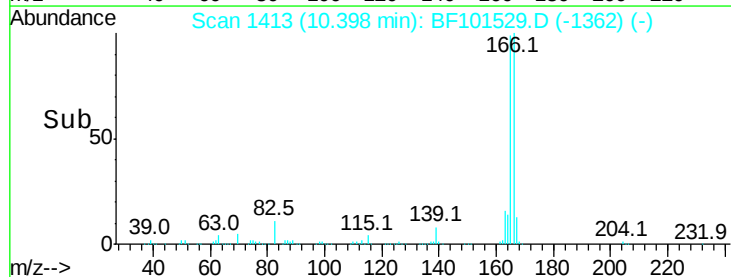
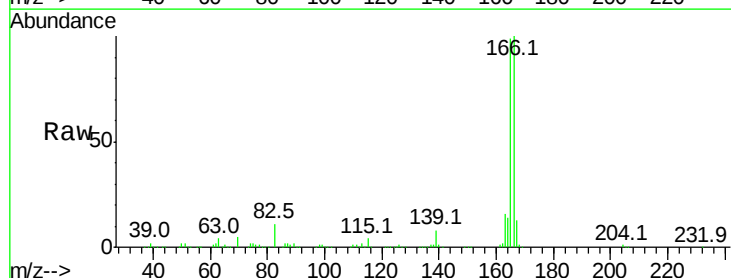
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

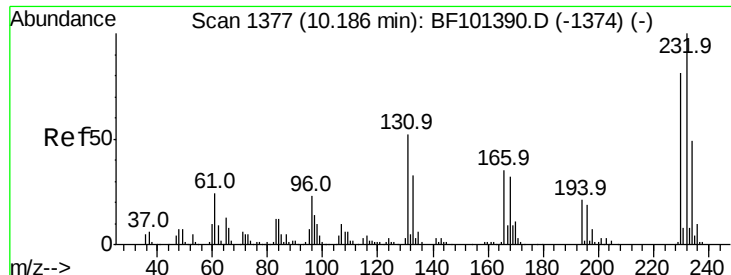
Tot Ion:165 Resp: 149257
Ion Ratio Lower Upper
165 100
63 59.6 36.4 54.6#
89 76.0 57.8 86.6
182 2.6 1.6 2.4#



#57
Fluorene
Concen: 34.426 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:166 Resp: 539335
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 13.3 10.6 16.0

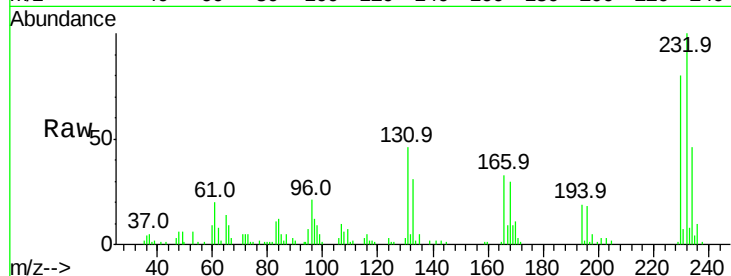




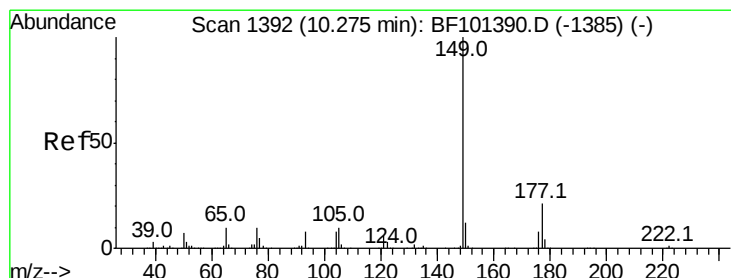
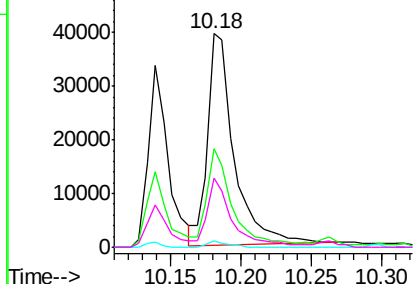
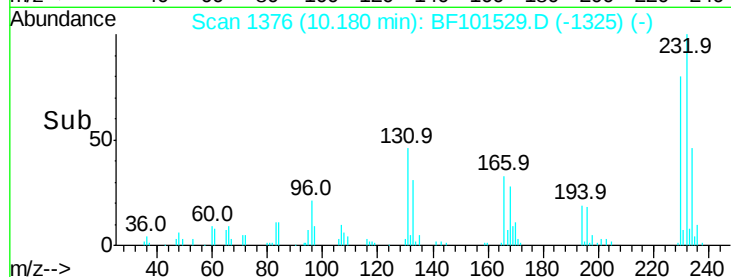
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.267 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Tot Ion:232 Resp: 51628
 Ion Ratio Lower Upper
 232 100
 131 43.9 43.8 65.8
 130 2.1 2.1 3.1
 166 0.0 27.8 41.6#

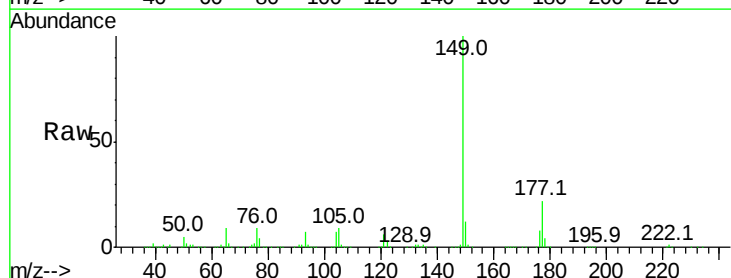


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

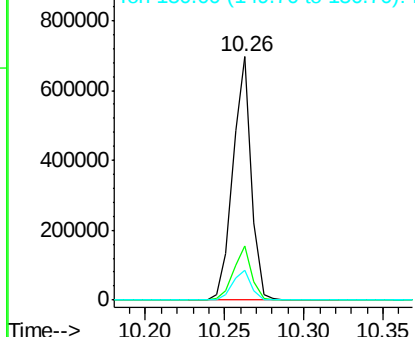
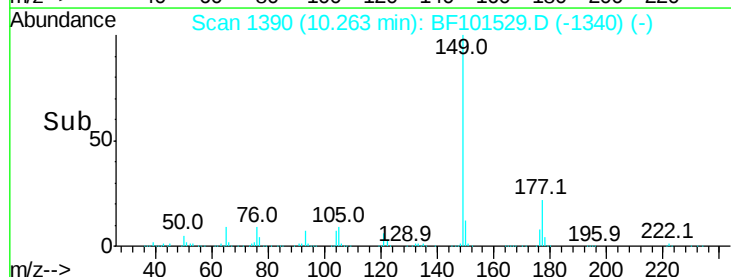


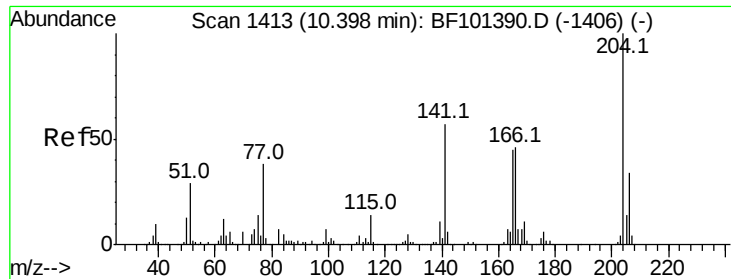
#59
 Diethylphthalate
 Concen: 30.891 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:149 Resp: 556858
 Ion Ratio Lower Upper
 149 100
 177 22.4 16.1 24.1
 150 12.4 10.1 15.1



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

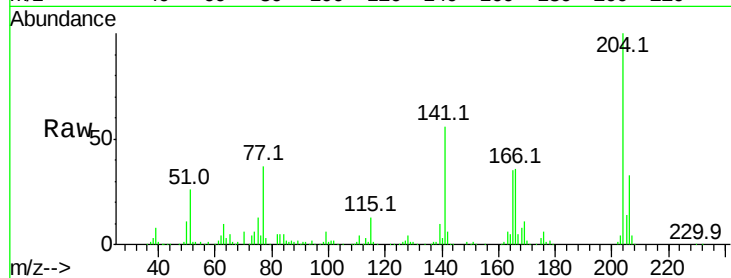




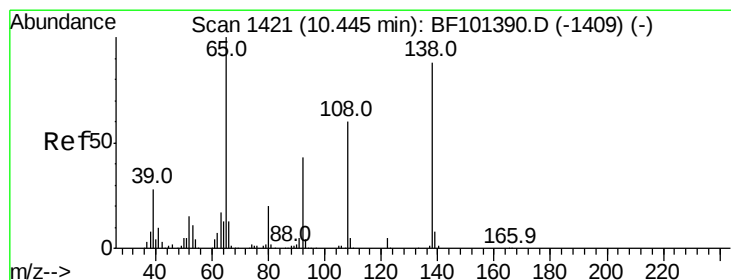
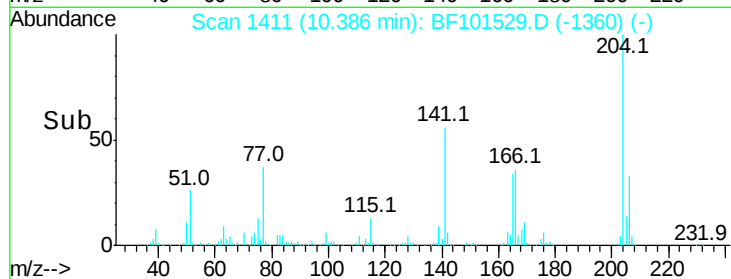
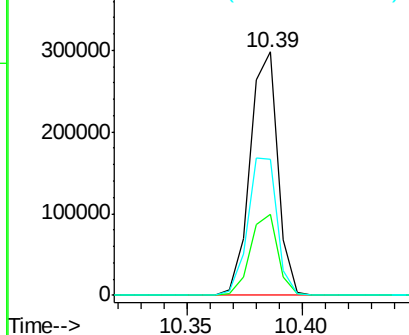
#60
4-Chlorophenyl-phenylether
Concen: 33.484 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:204 Resp: 251404
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.9 54.6 81.8

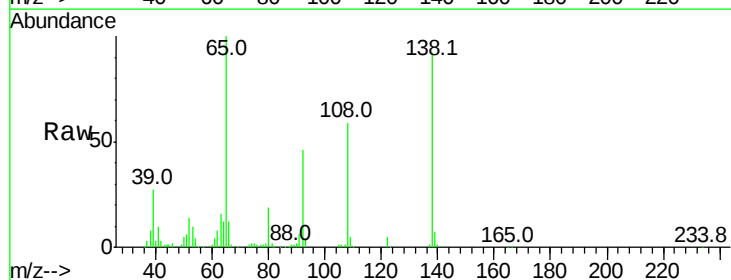


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

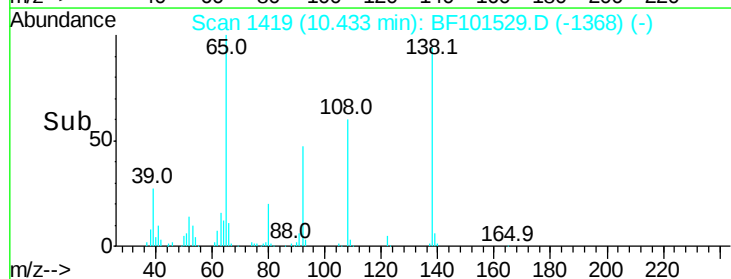
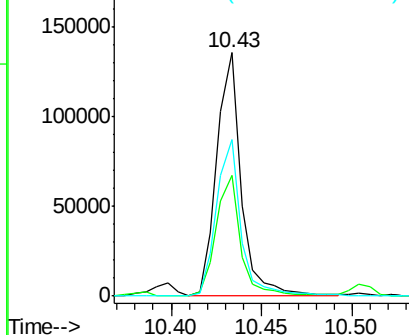


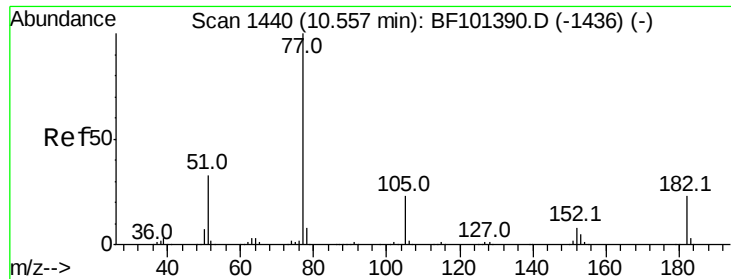
#61
4-Nitroaniline
Concen: 27.489 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:138 Resp: 127449
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 64.6 52.5 92.5



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





#62

Azobenzene

Concen: 34.330 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

Tot Ion: 77 Resp: 641078

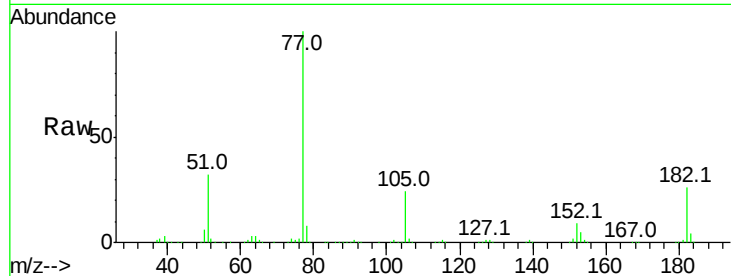
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 23.8 3.0 43.0

51 31.8 9.9 49.9

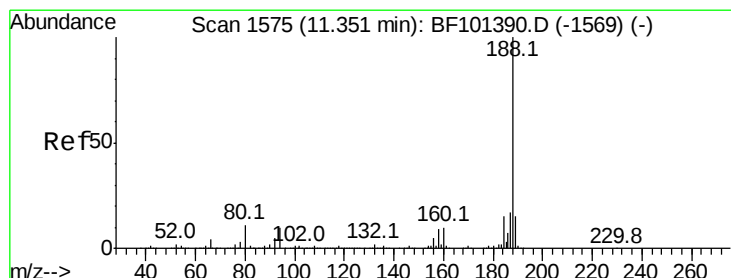
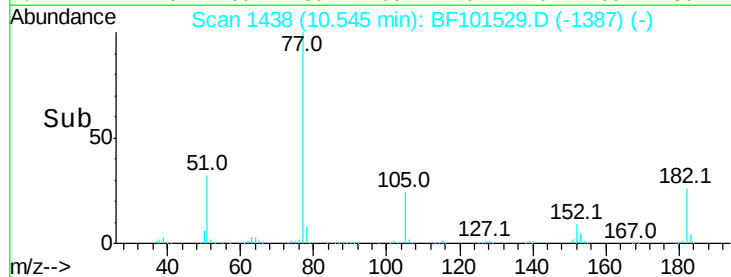
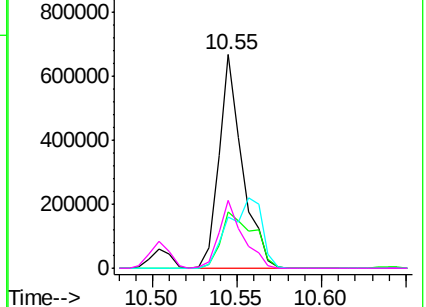


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

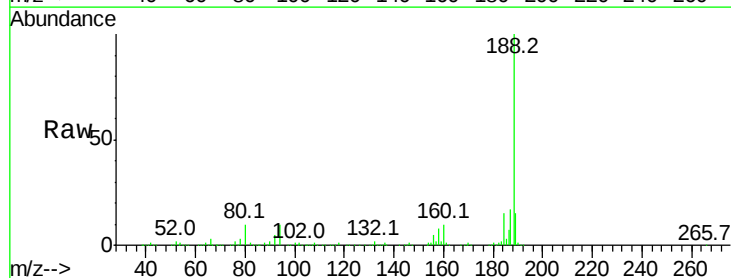
Tgt Ion: 188 Resp: 381970

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

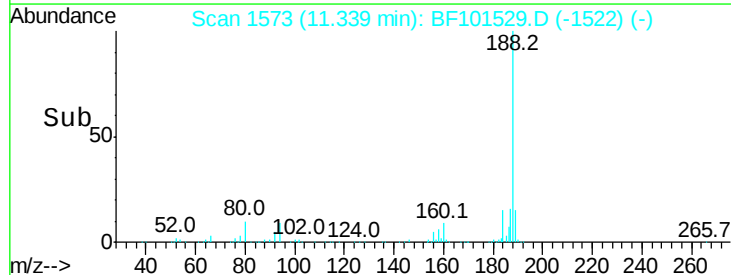
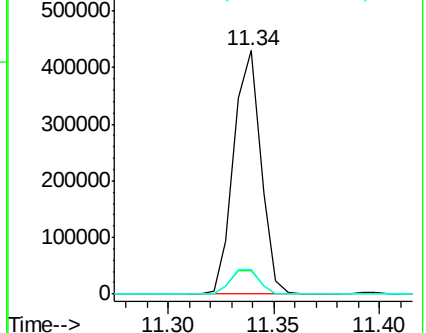
80 10.3 9.2 13.8

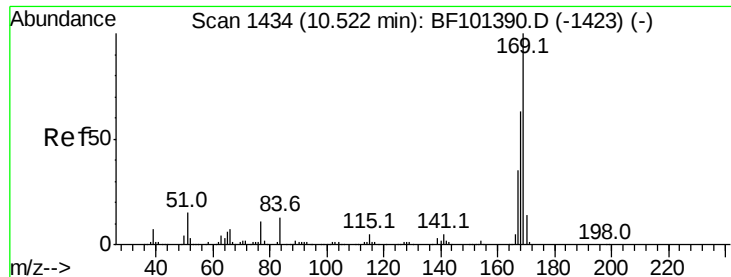


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

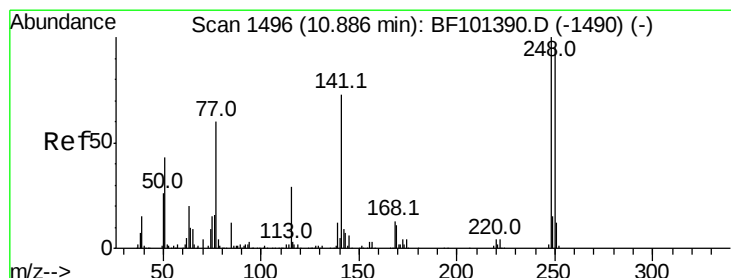
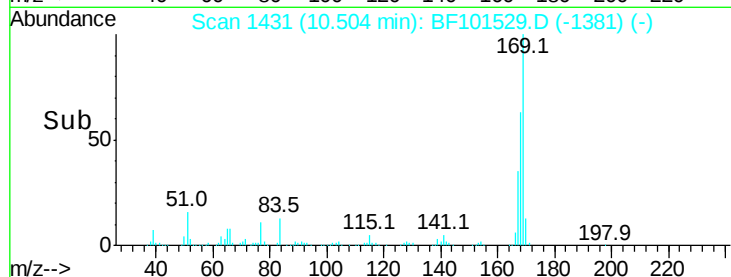
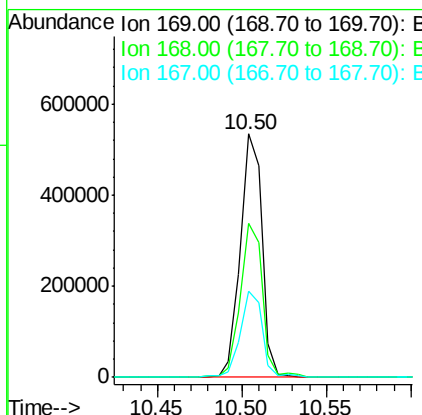
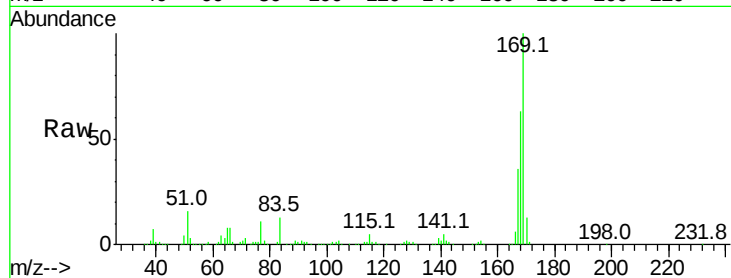




#65
n-Nitrosodiphenylamine
Concen: 33.709 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

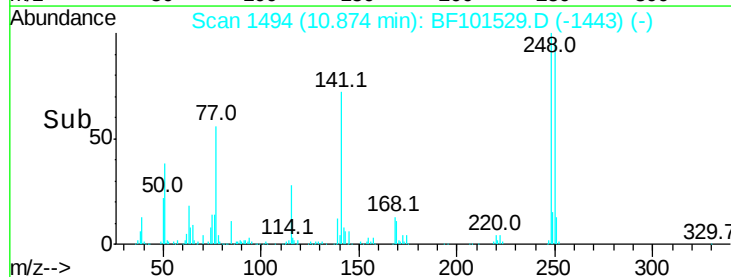
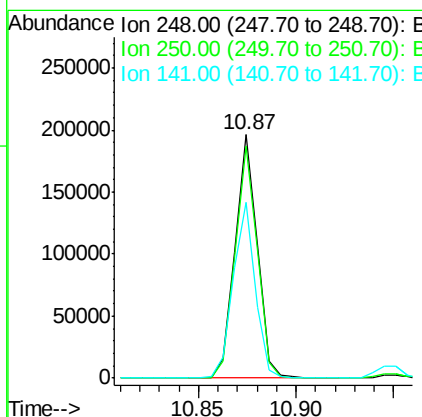
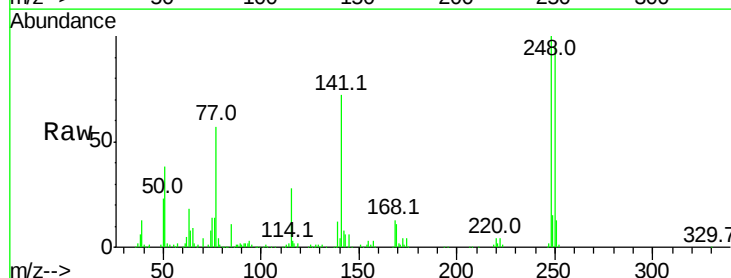
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

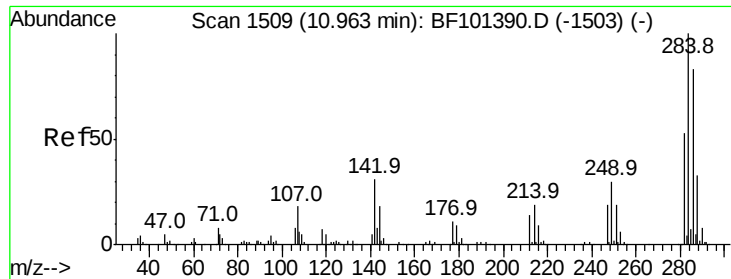
Tot Ion:169 Resp: 475440
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 35.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 36.033 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:248 Resp: 154653
Ion Ratio Lower Upper
248 100
250 95.4 76.9 115.3
141 72.0 74.4 111.6#

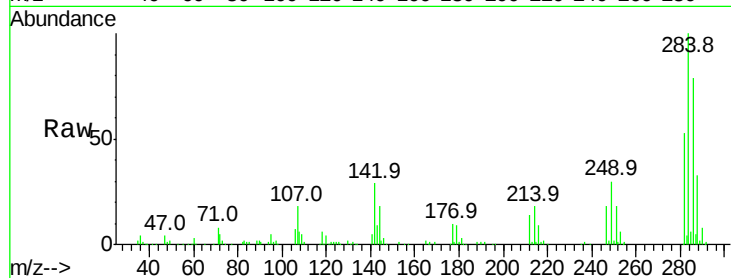




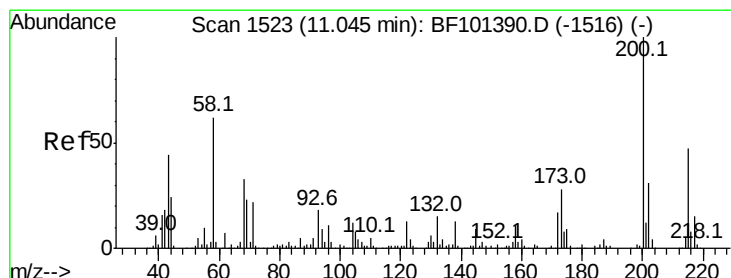
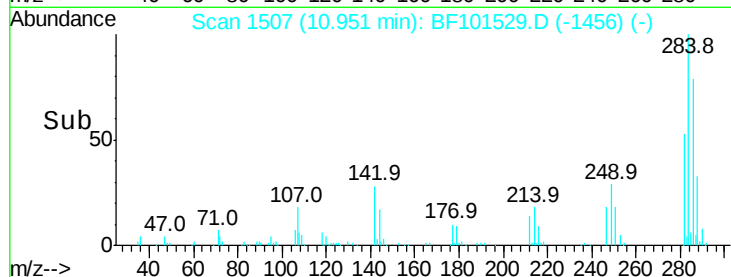
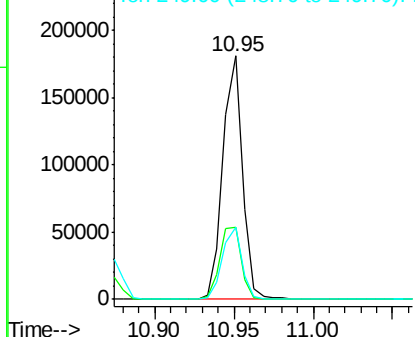
#67
Hexachlorobenzene
Concen: 34.204 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:284 Resp: 155370
Ion Ratio Lower Upper
284 100
142 29.5 34.6 52.0#
249 29.8 24.8 37.2

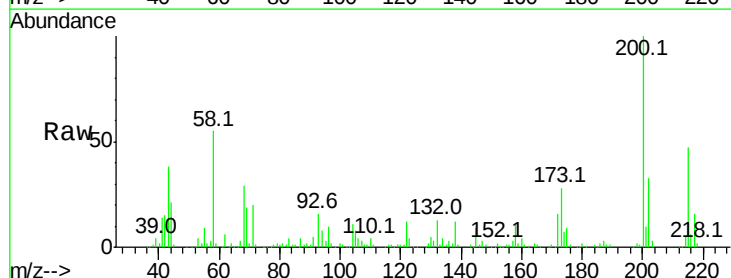


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

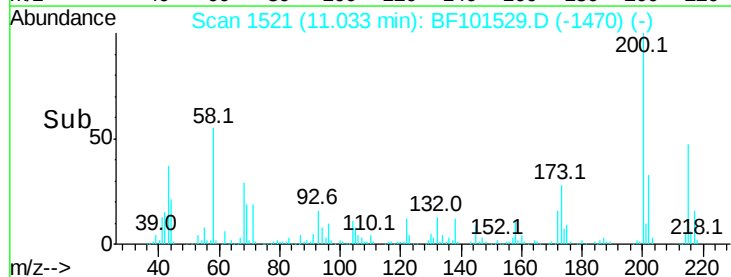
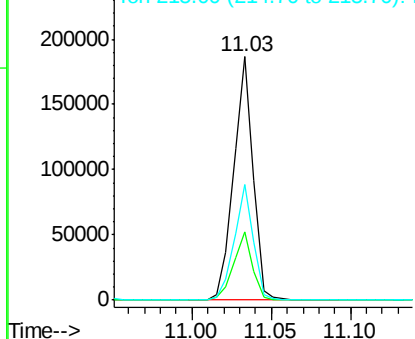


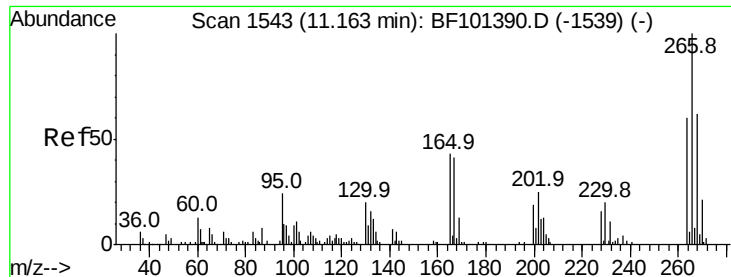
#68
Atrazine
Concen: 37.630 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:200 Resp: 158250
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 47.3 25.1 65.1



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

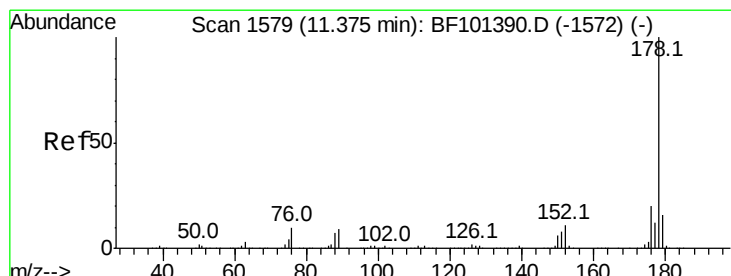
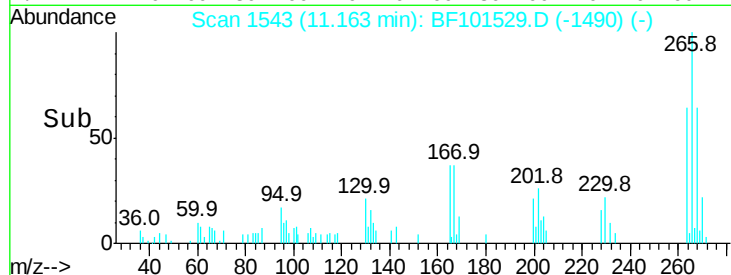
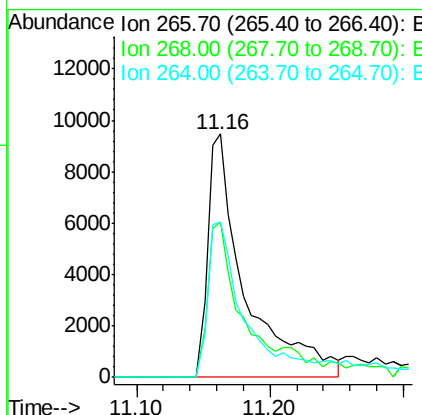
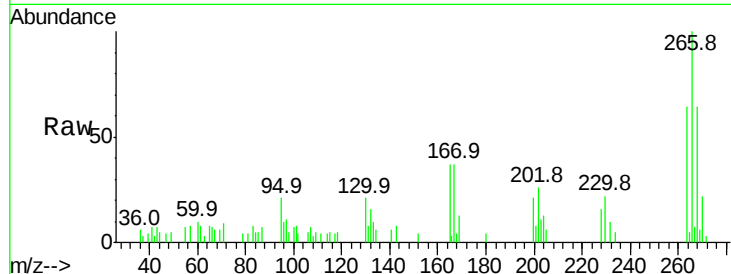




#69
 Pentachlorophenol
 Concen: 16.218 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

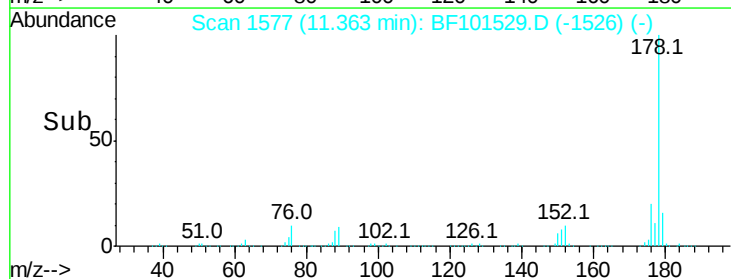
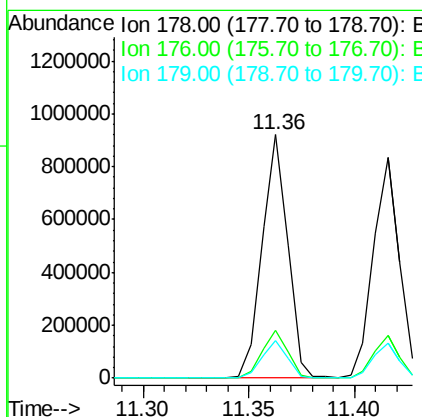
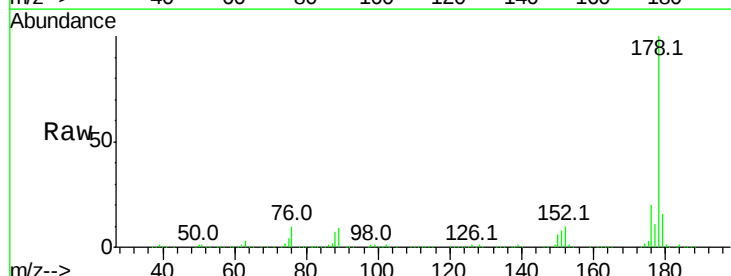
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

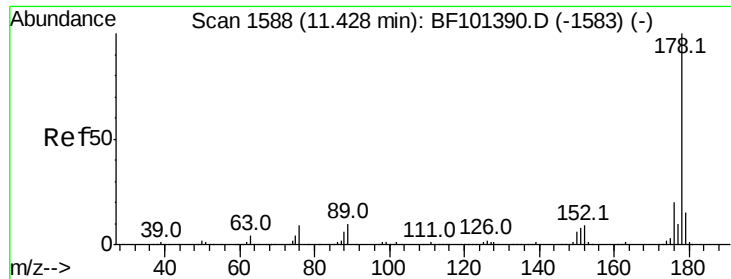
Tot Ion:266 Resp: 18590
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 36.669 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:178 Resp: 778919
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6





#71

Anthracene

Concen: 33.729 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

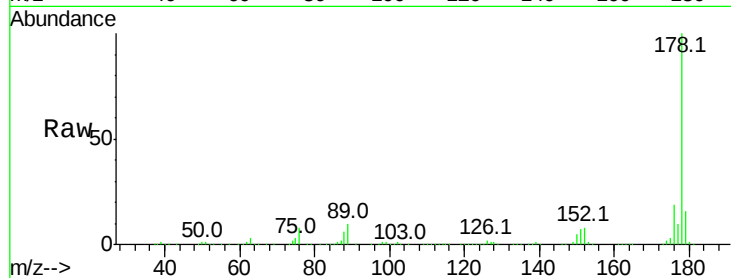
Tot Ion:178 Resp: 731857

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

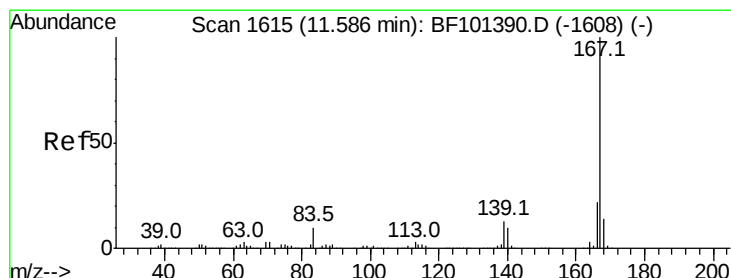
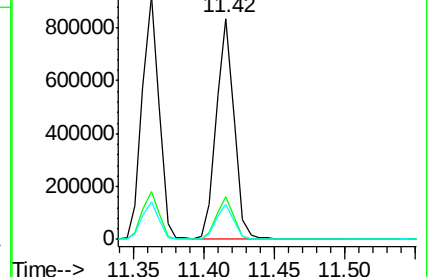
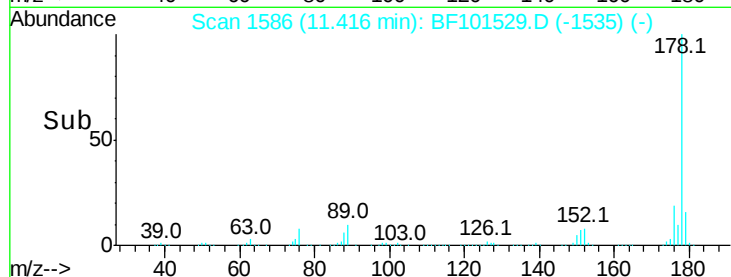
179 15.6 12.6 19.0



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

Carbazole

Concen: 31.066 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

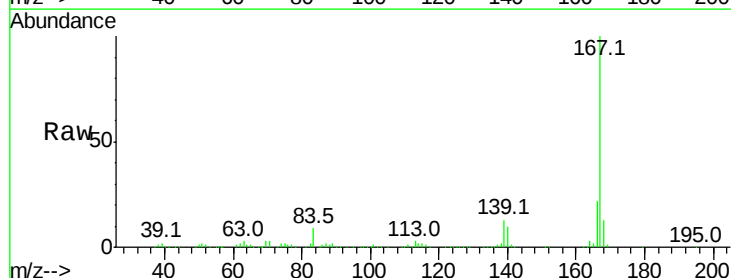
Tgt Ion:167 Resp: 631102

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

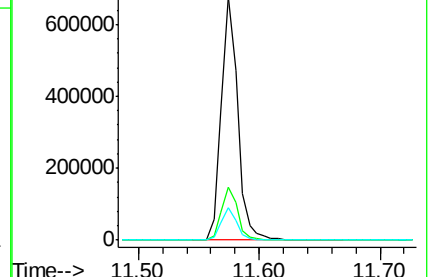
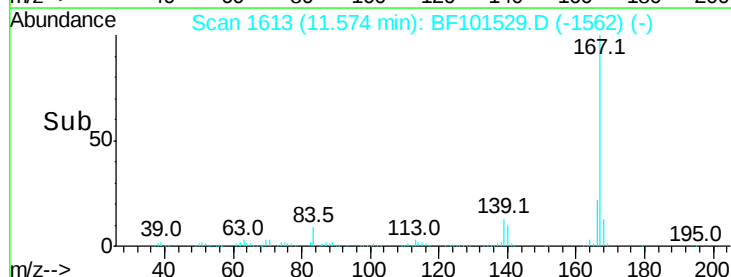
139 13.1 10.9 16.3

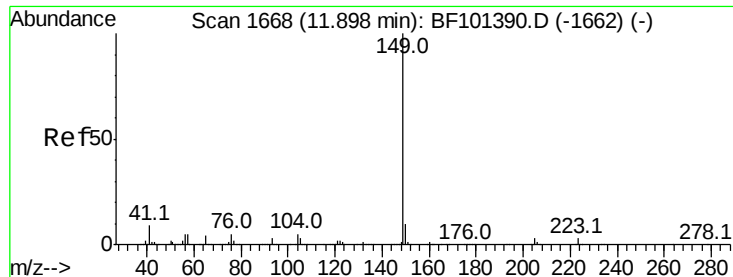


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.496 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

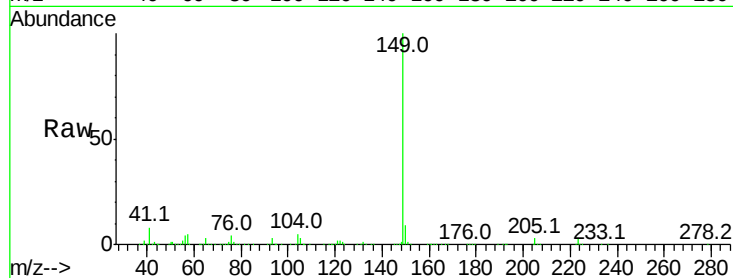
Tot Ion:149 Resp: 825913

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

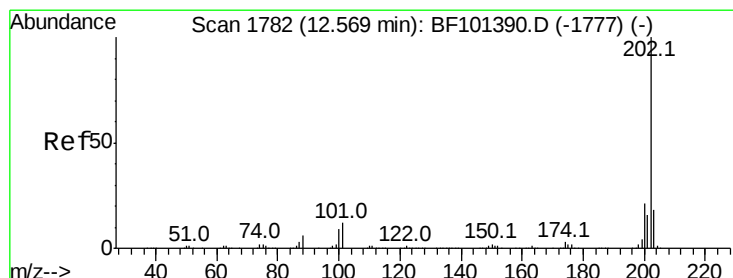
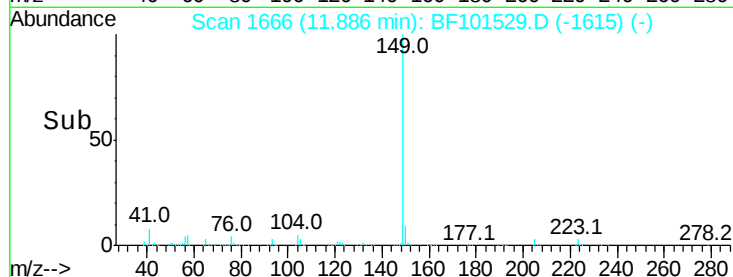
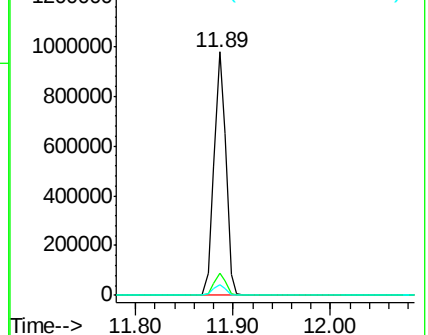
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.378 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

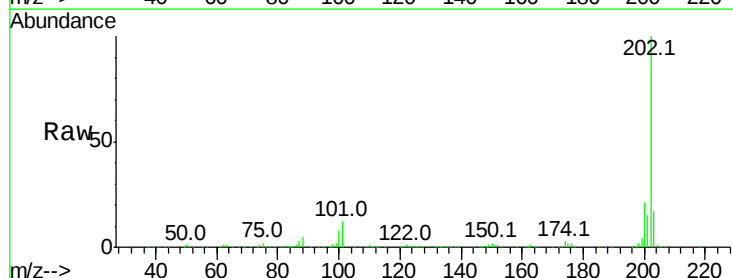
Tgt Ion:202 Resp: 655022

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

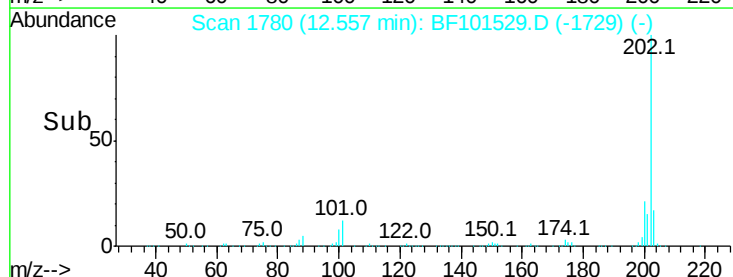
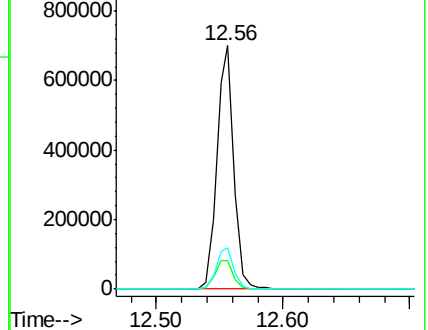
203 17.2 0.0 38.1

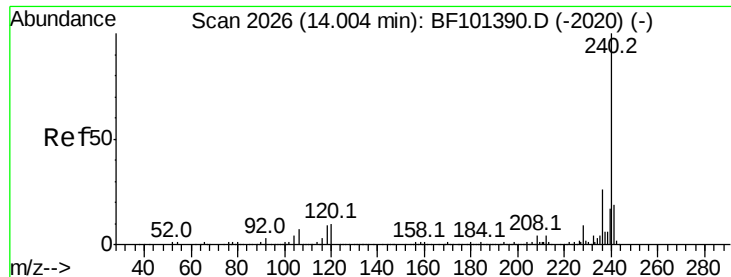


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

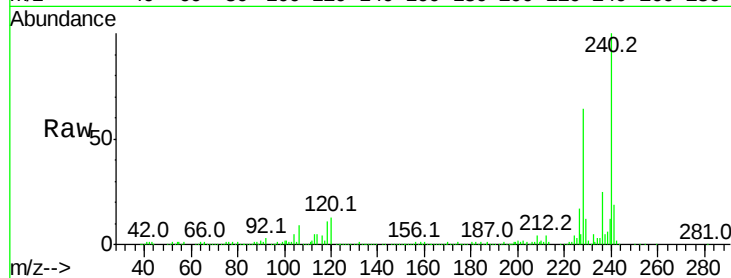
Tot Ion:240 Resp: 232444

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

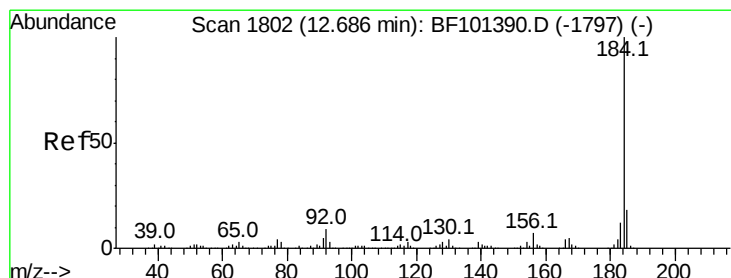
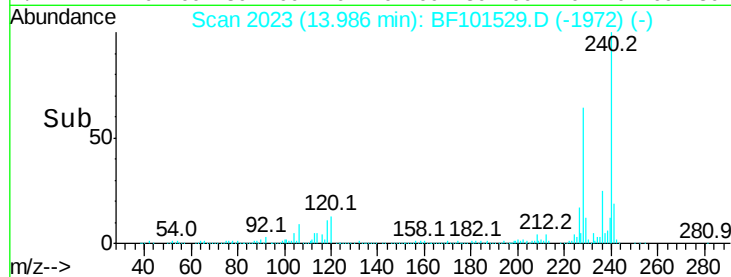
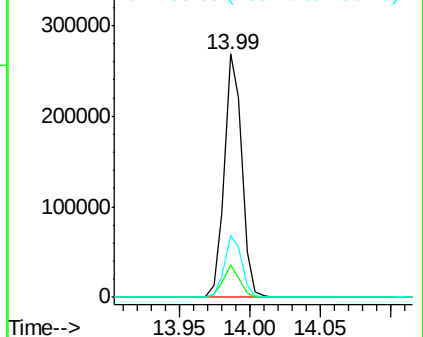
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.580 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

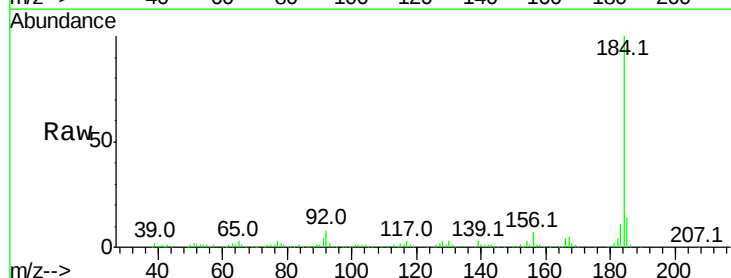
Tgt Ion:184 Resp: 211854

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

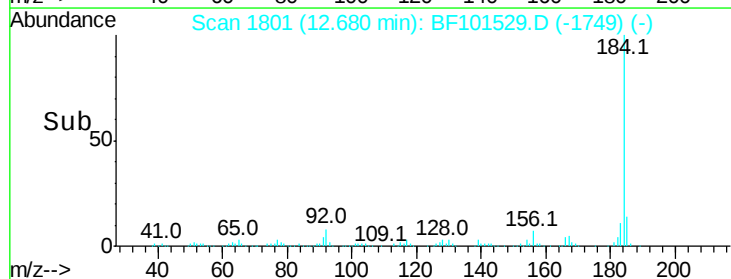
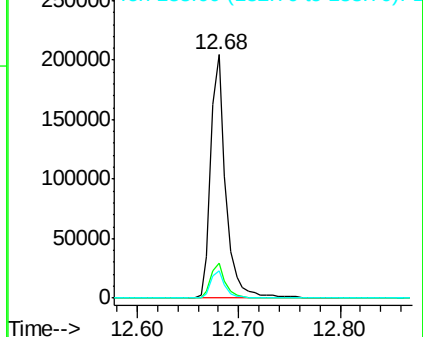
183 11.5 9.3 13.9

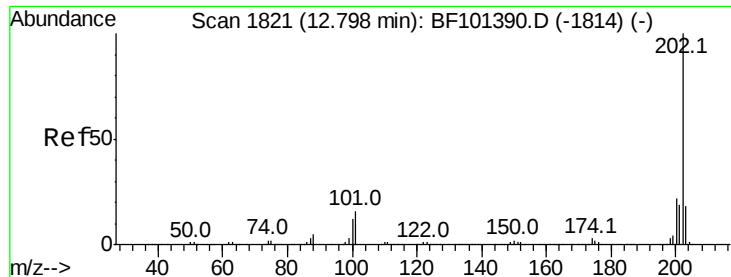


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

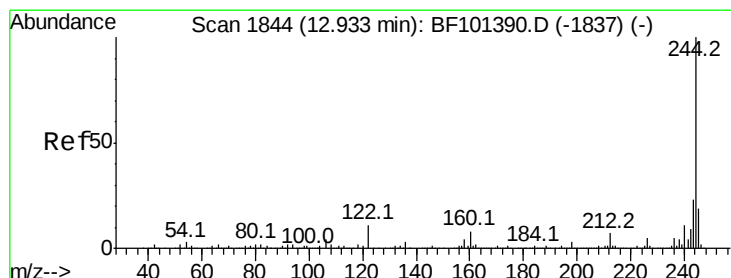
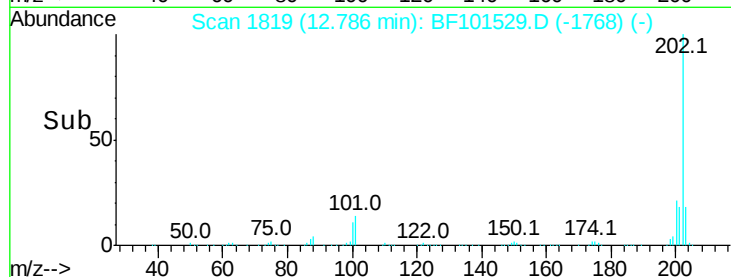
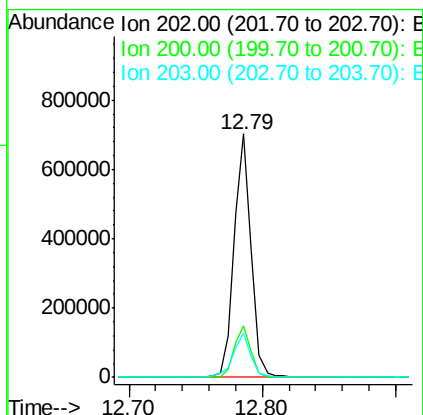
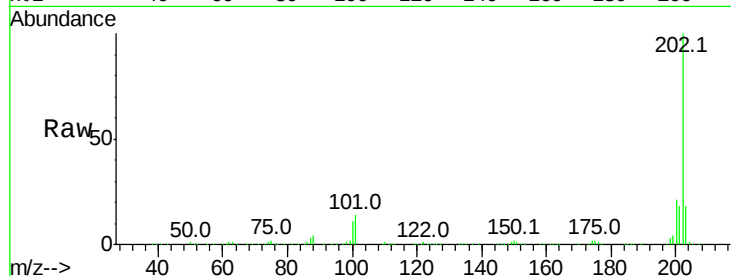




#77
Pvrene
Concen: 35.948 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

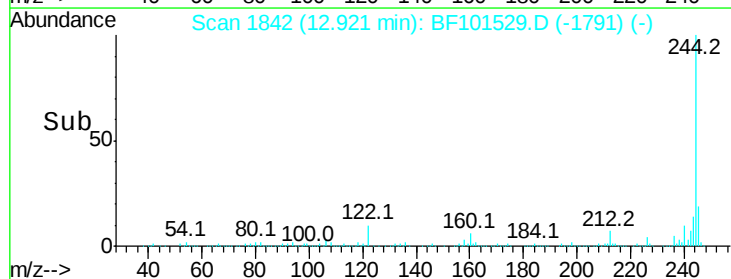
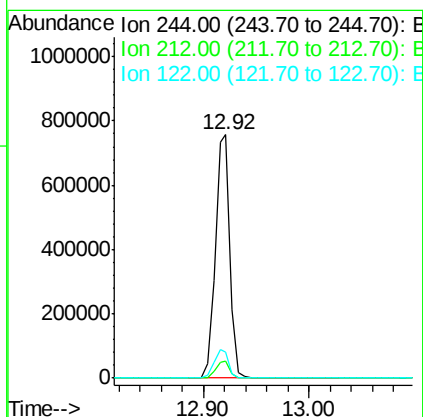
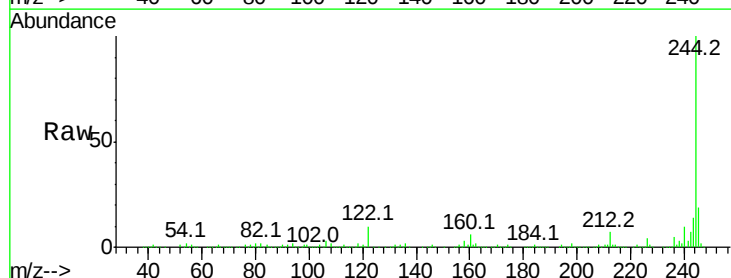
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

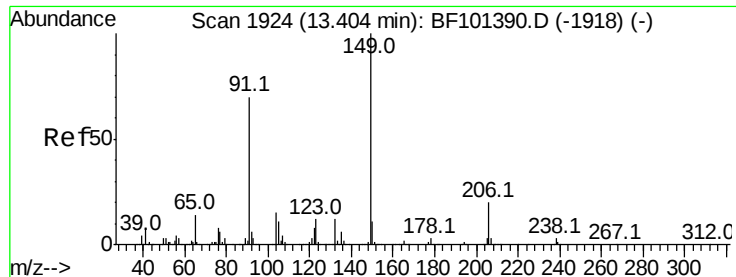
Tot Ion:202 Resp: 627106
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 76.373 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:244 Resp: 736379
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.5 11.0 16.4#

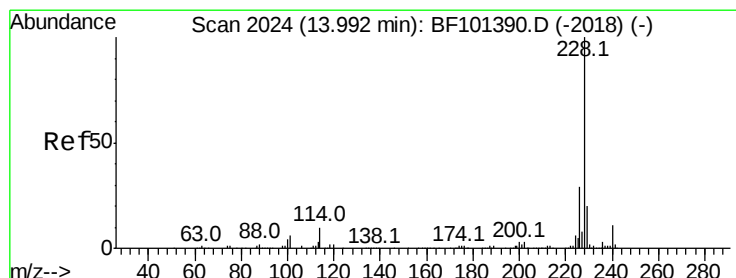
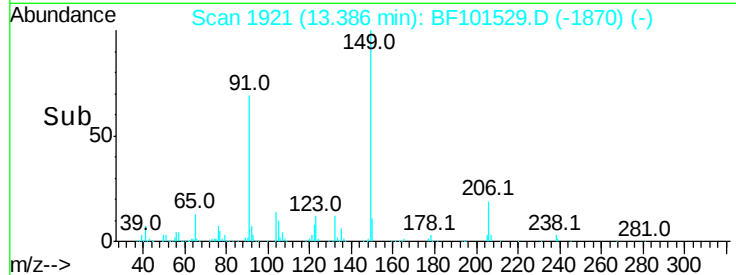
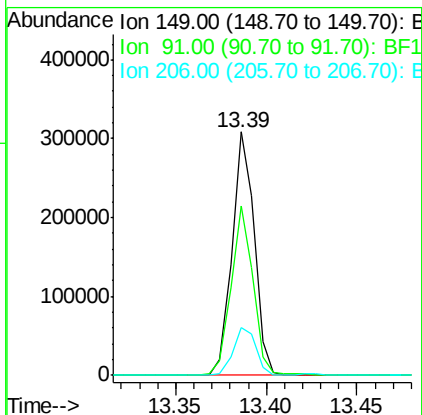
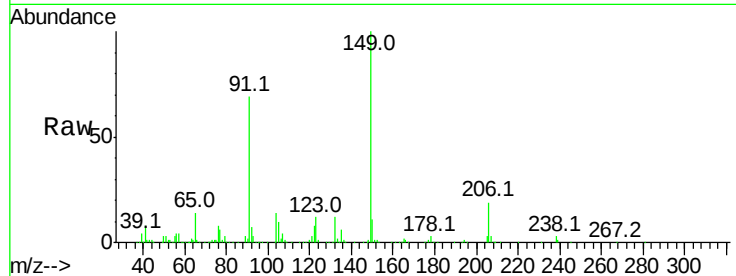




#79
Butylbenzylphthalate
Concen: 33.470 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

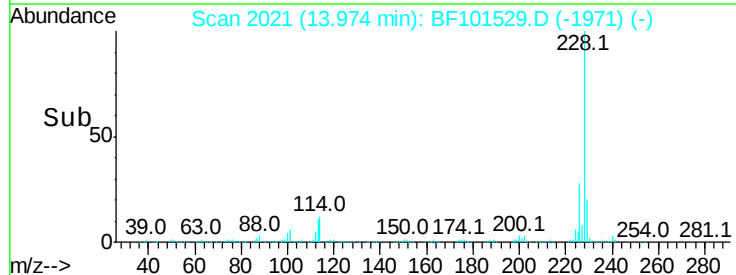
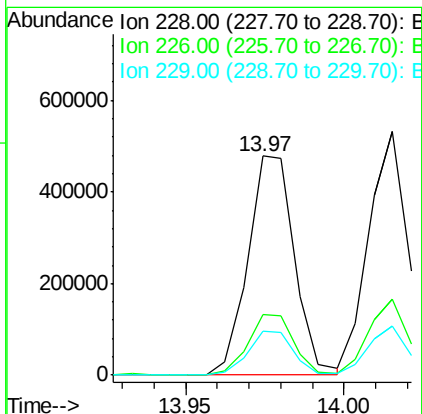
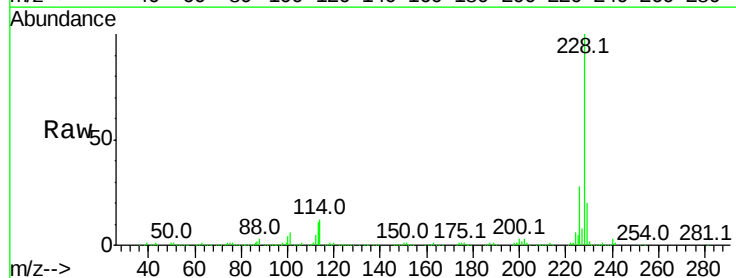
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

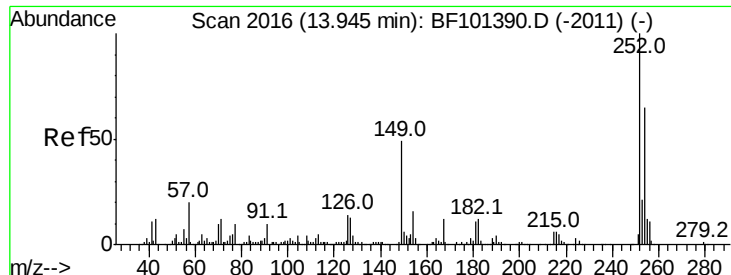
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.903 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6

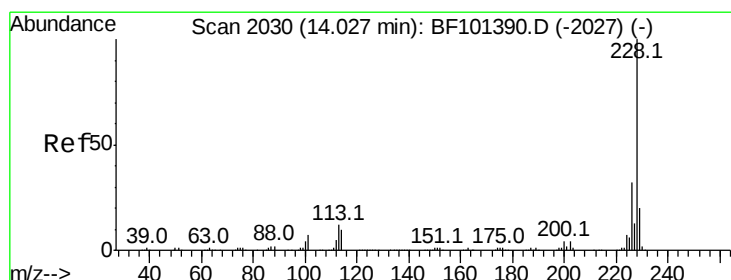
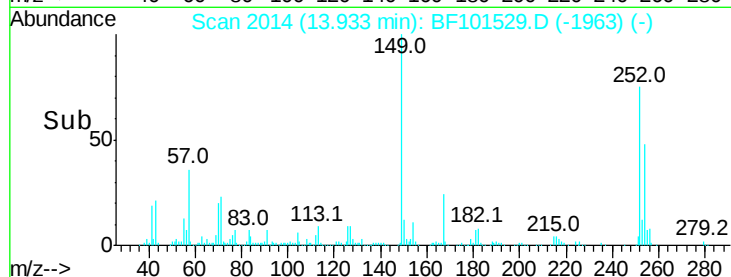
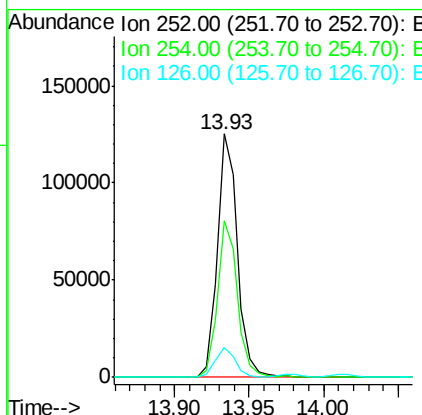
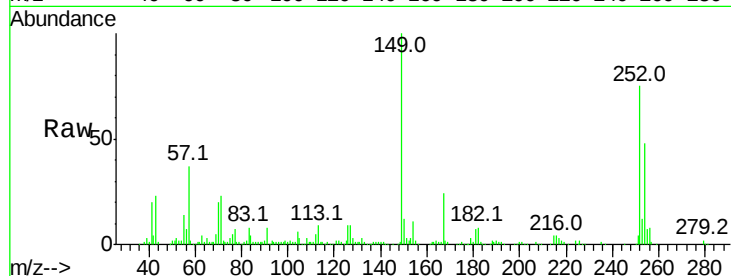




#81
 3,3'-Dichlorobenzidine
 Concen: 23.600 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

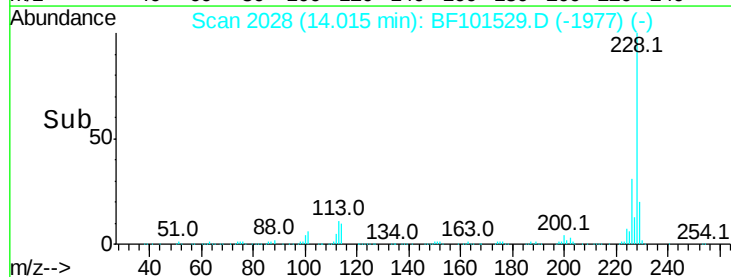
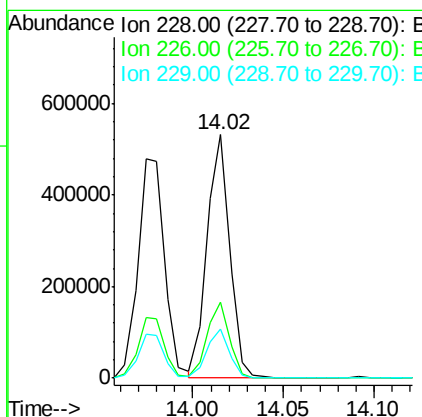
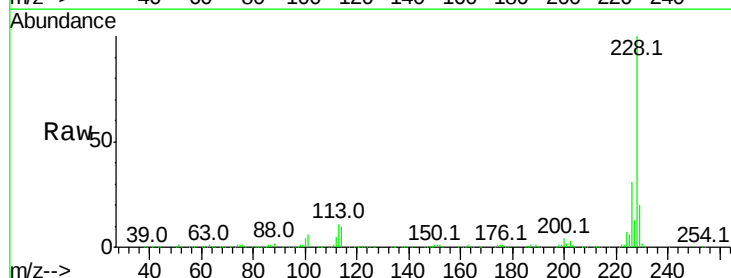
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

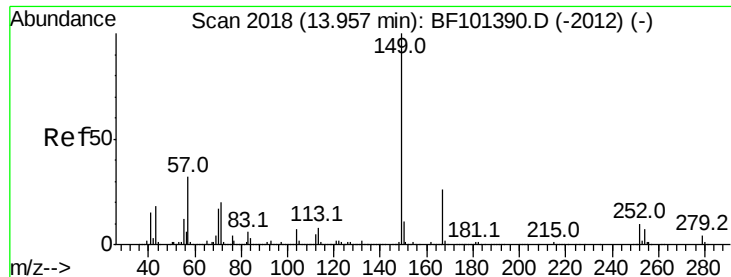
Tot Ion:252 Resp: 118112
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 31.970 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion:228 Resp: 463302
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.072 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

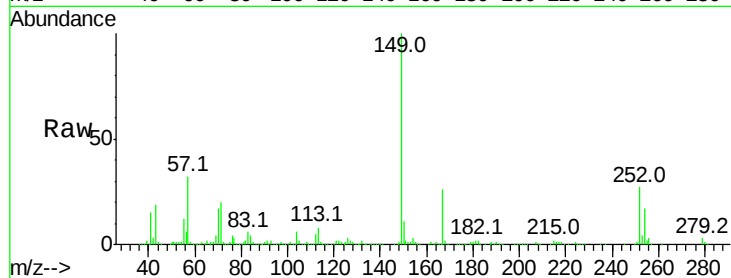
Tot Ion:149 Resp: 340645

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

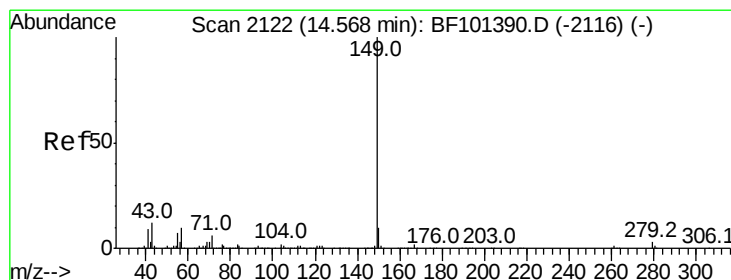
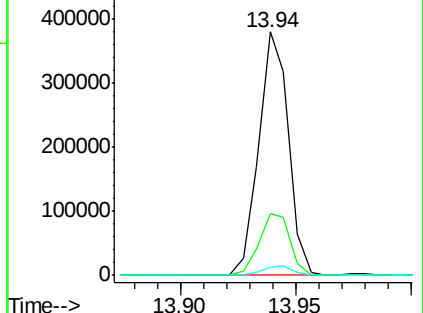
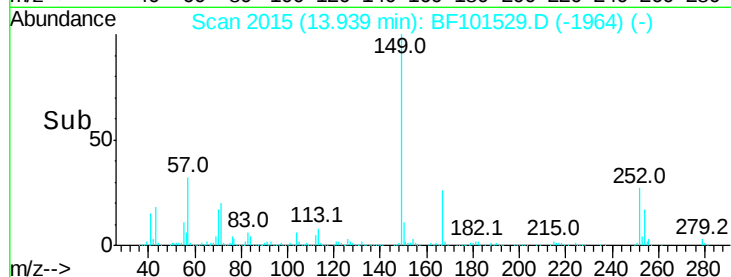
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.175 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

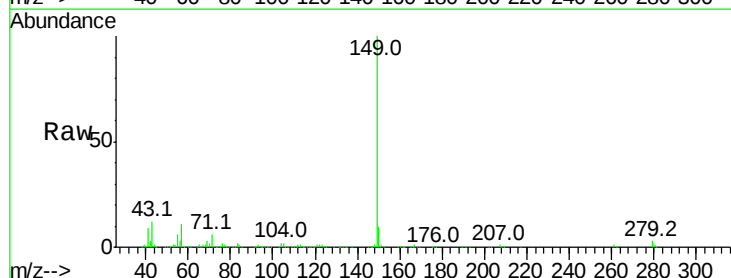
Tgt Ion:149 Resp: 555852

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

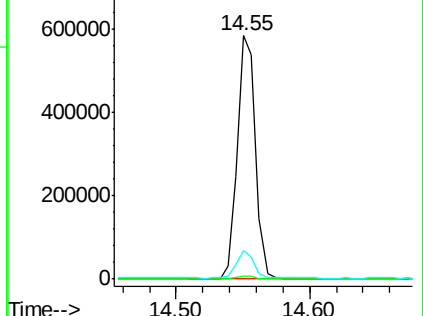
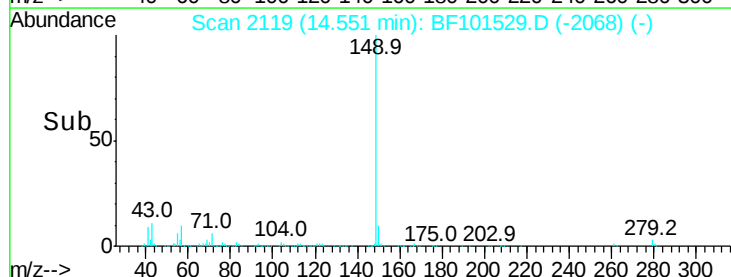
43 10.8 8.4 12.6

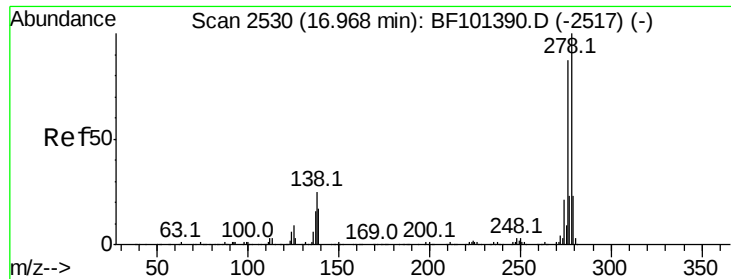


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

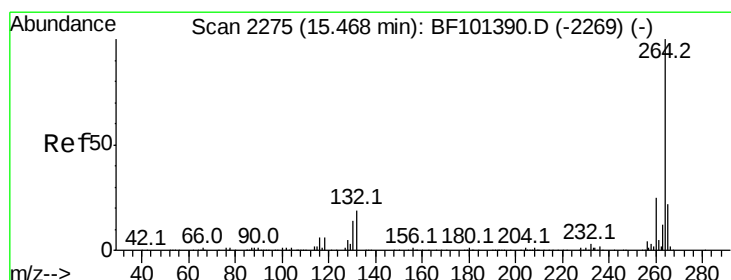
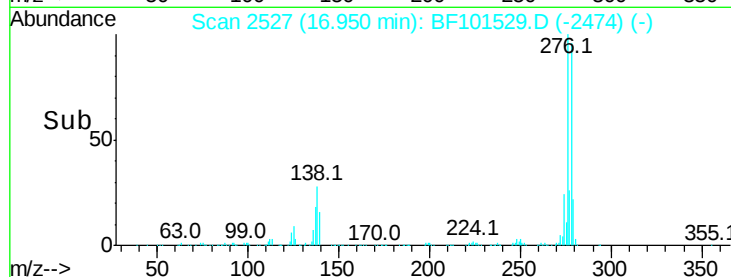
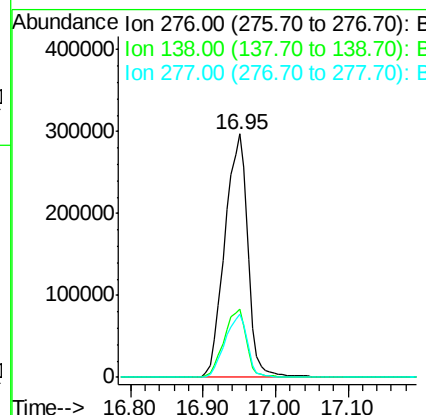
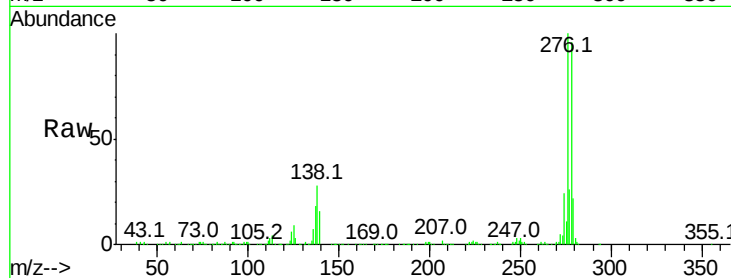




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.004 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

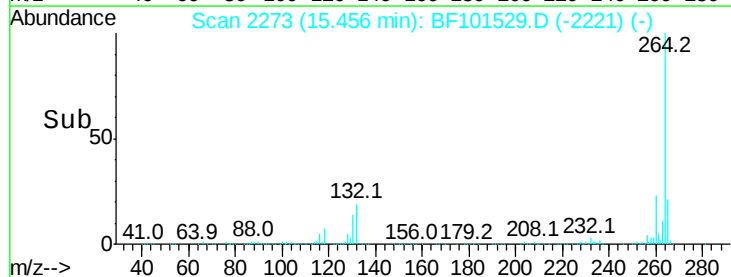
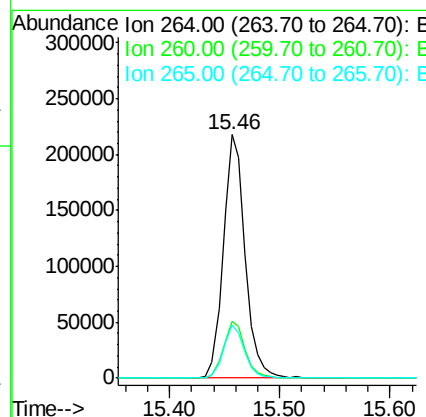
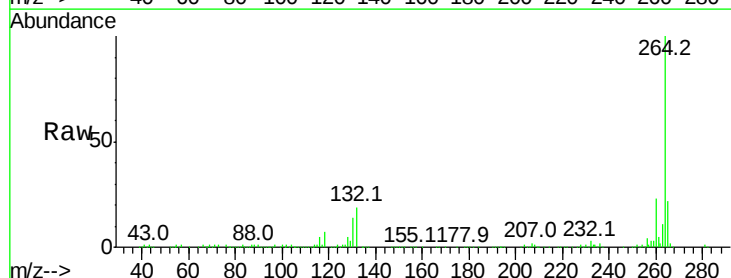
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

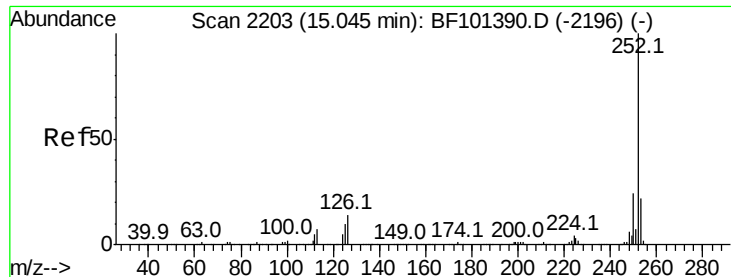
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 30.516 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.00 min

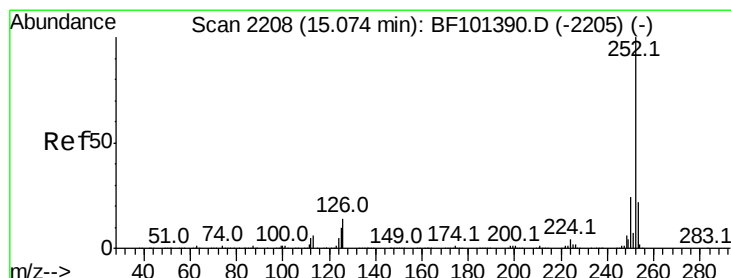
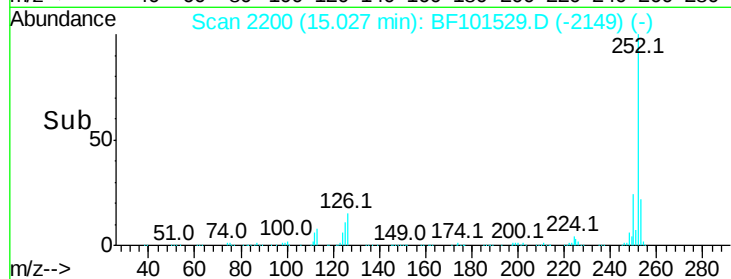
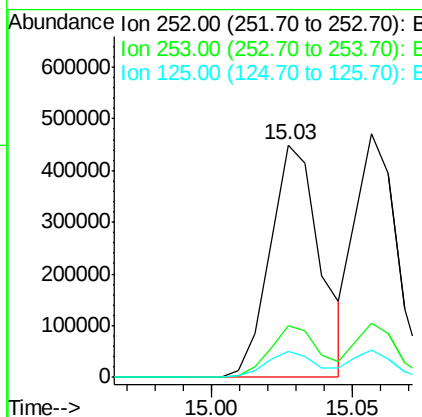
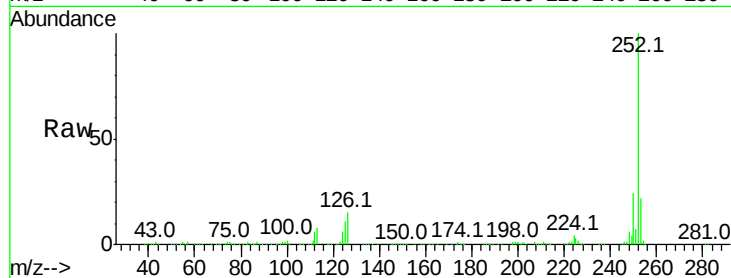
Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:252 Resp: 555017

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 27.054 ng

RT: 15.06 min Scan# 2205

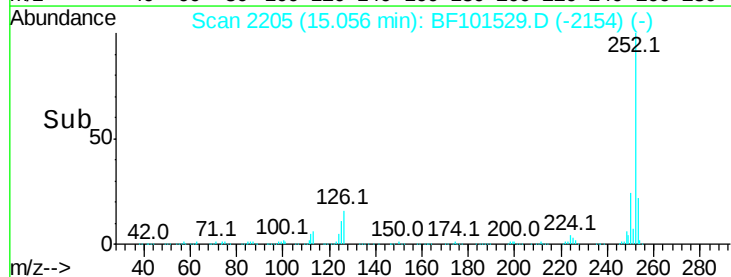
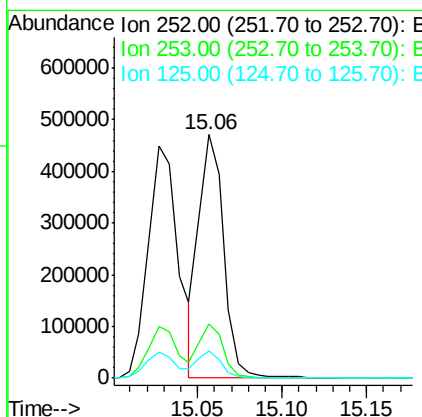
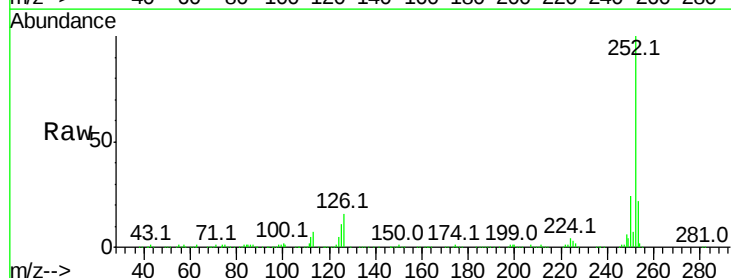
Delta R.T. -0.00 min

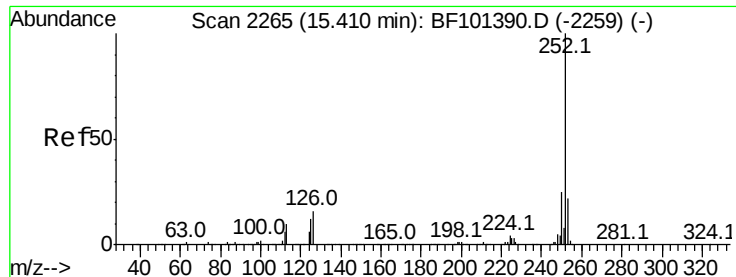
Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Tgt Ion:252 Resp: 478408

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.4	10.2	15.2

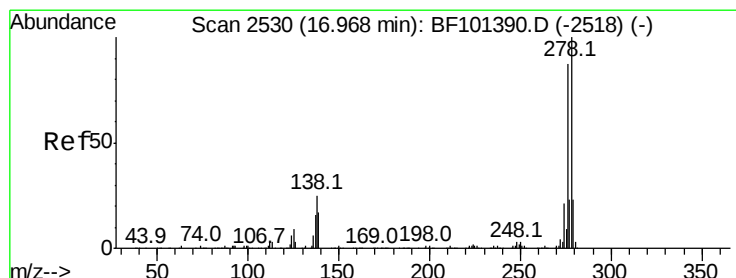
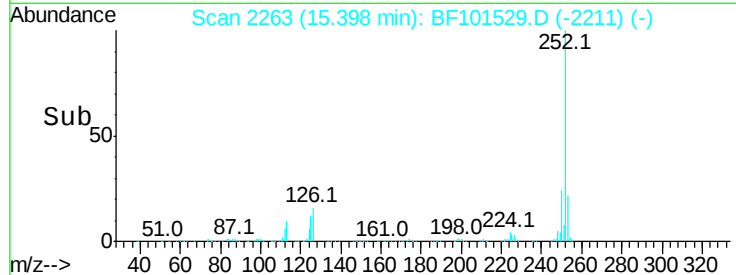
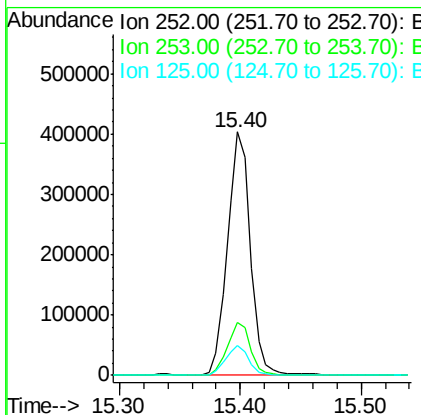
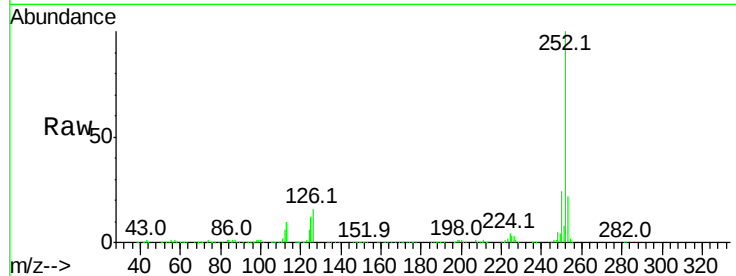




#89
Benzo(a)pyrene
Concen: 31.867 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

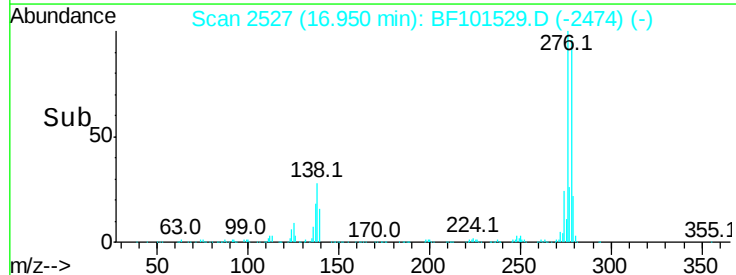
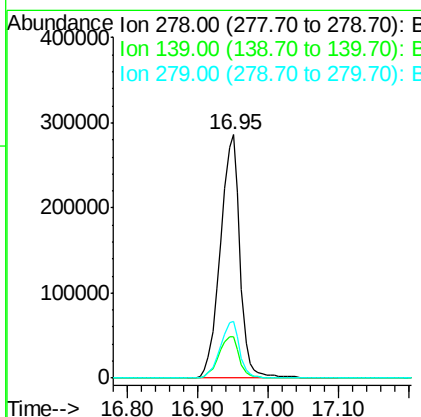
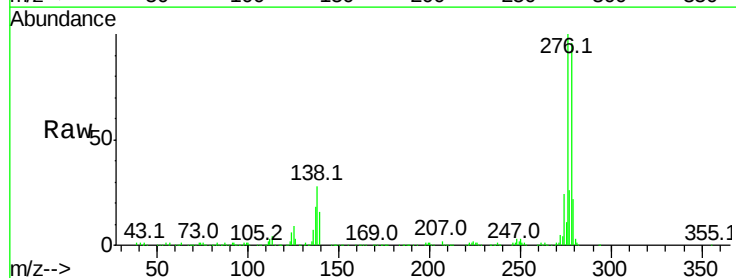
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

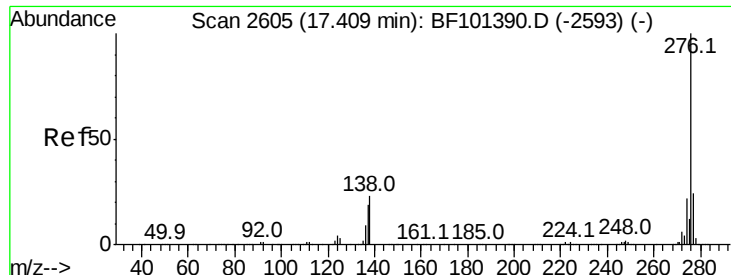
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.400 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.148 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

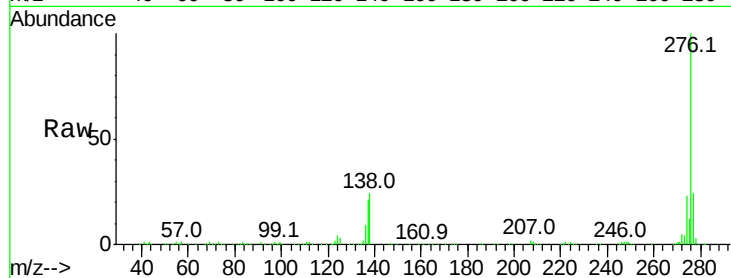
Tot Ion:276 Resp: 572285

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

