

Data Path : Z:\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 06:57:44 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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
32) Benzoic acid	7.75	122	259604	50.911	ng	# 14
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

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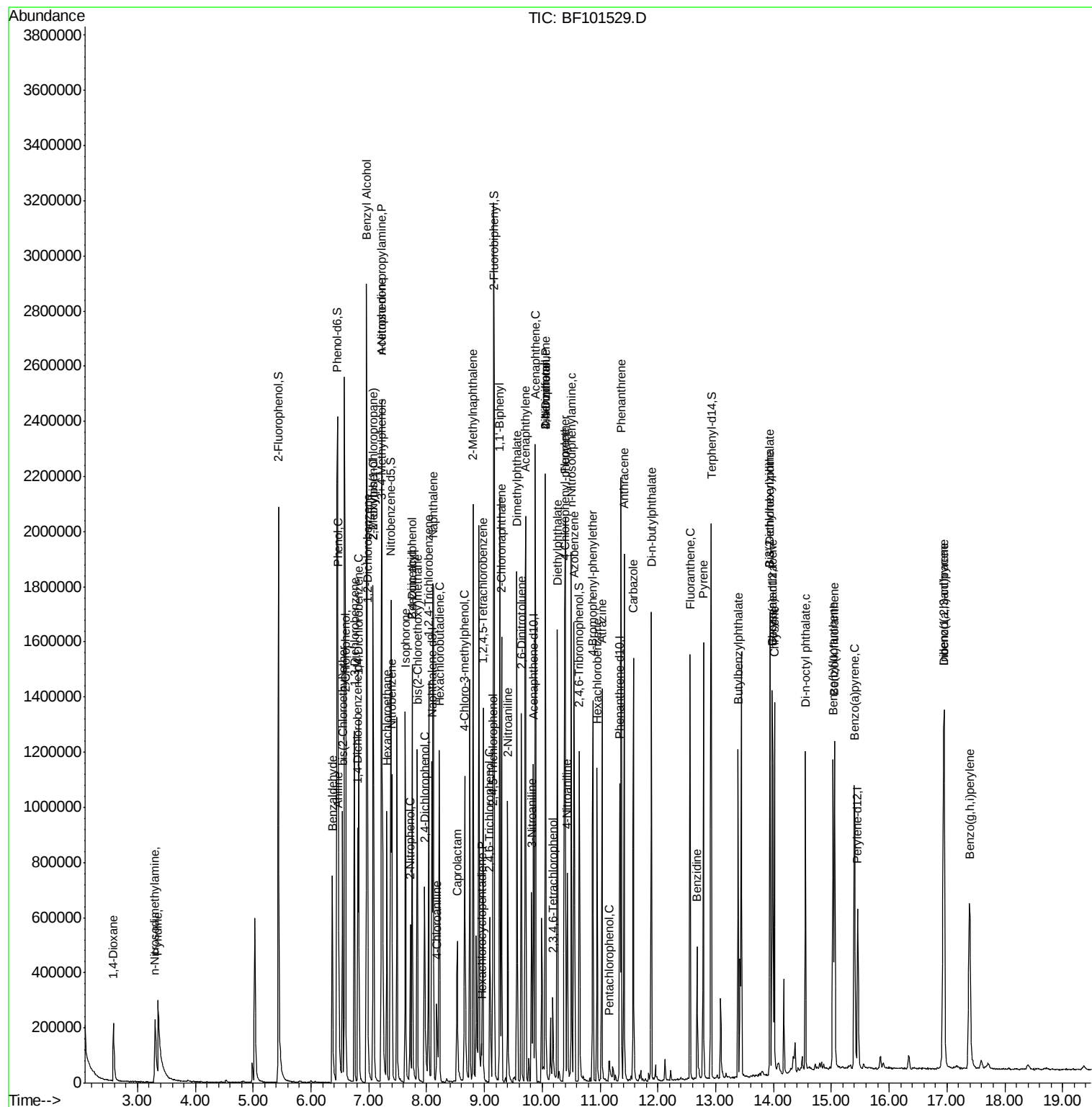
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42) 2,4,6-Trichlorophenol	9.09	196	88624	19.267	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	119849	23.796	nq	93
45) 1,1'-Biphenyl	9.27	154	662614	33.015	nq	99
46) 2-Chloronaphthalene	9.30	162	496837	32.353	nq	96
47) 2-Nitroaniline	9.40	65	166989	31.478	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
55) 4-Nitrophenol	10.05	139	266479	132.492	nq	# 12
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) Pyrene	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

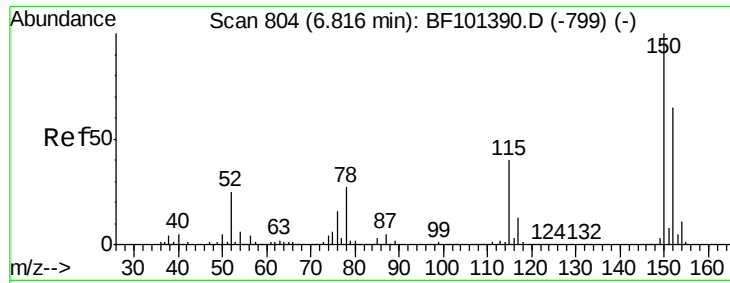
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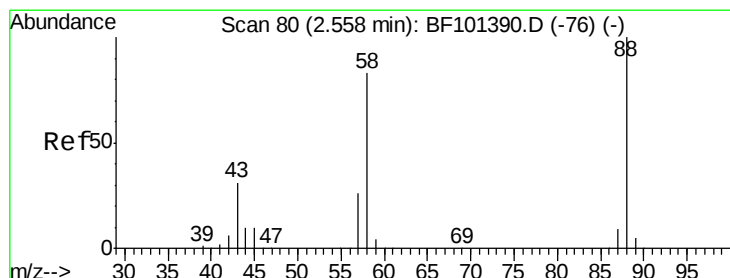
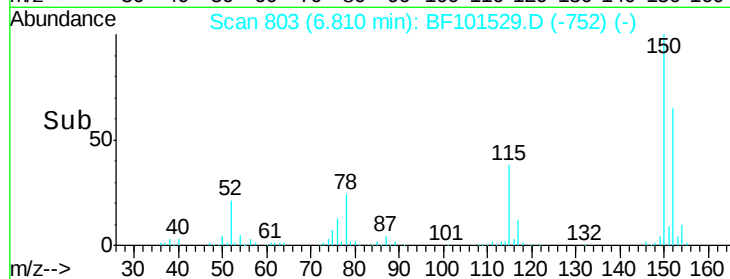
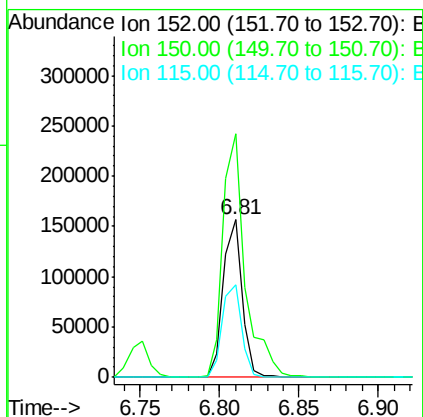
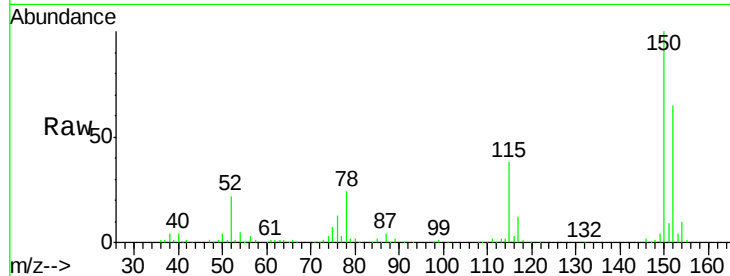


#1

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

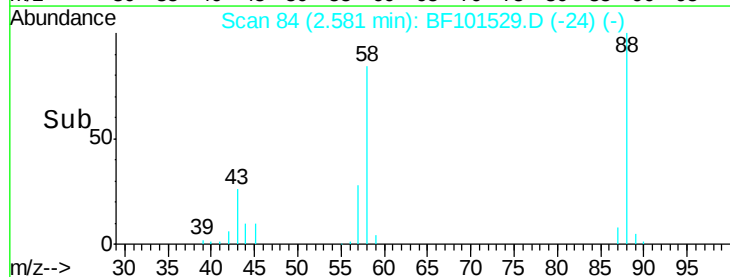
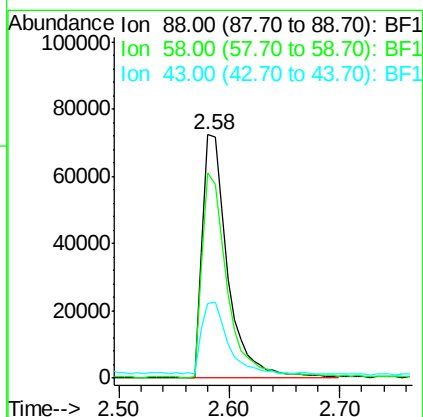
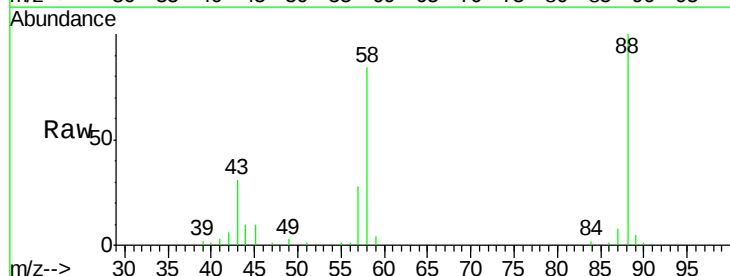
Tot Ion:152 Resp: 129393
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.7 50.1 75.1



#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

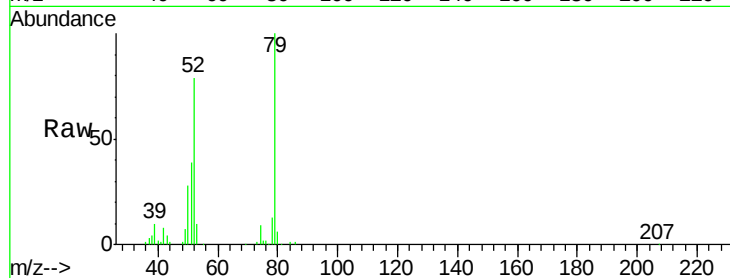
Tot Ion: 79 Resp: 294628

Ion Ratio Lower Upper

79 100

52 79.2 59.8 89.6

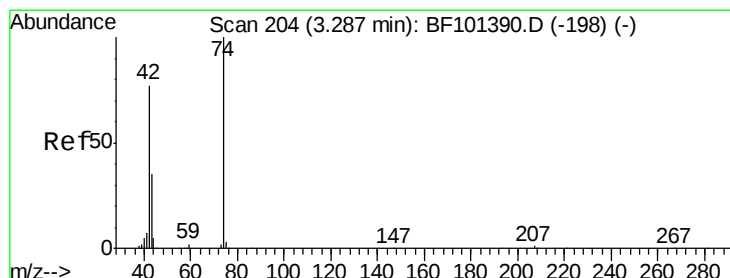
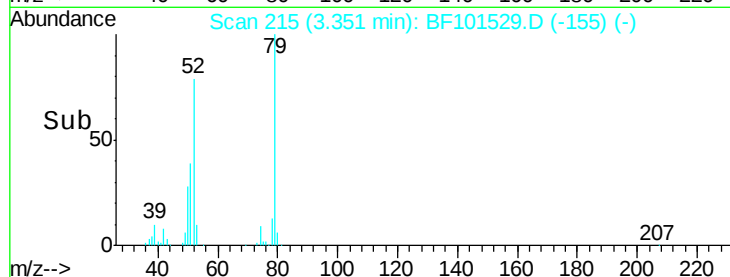
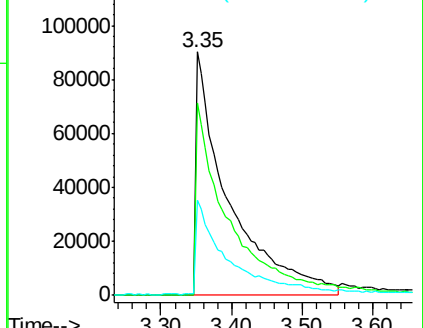
51 39.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

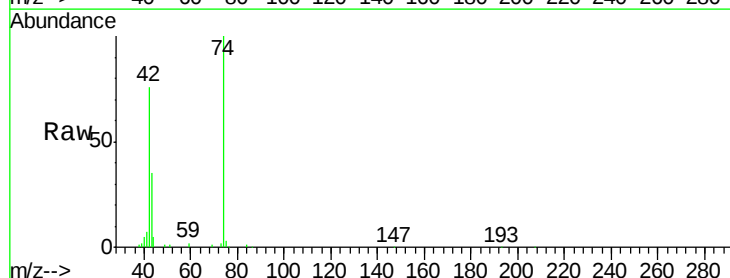
Tgt Ion: 42 Resp: 145413

Ion Ratio Lower Upper

42 100

74 130.9 104.9 157.3

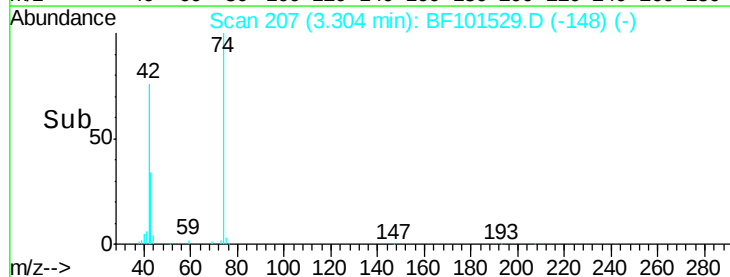
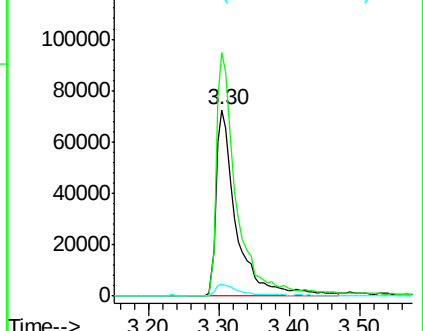
44 6.4 6.9 10.3#

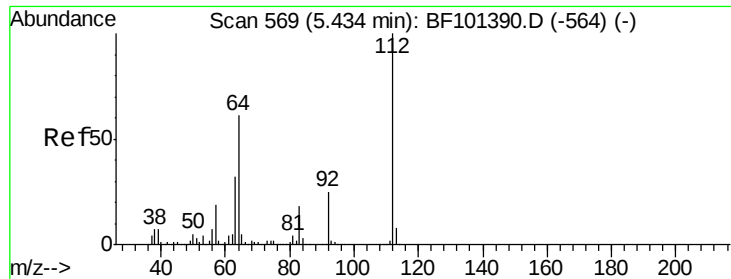


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.825 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF101529.D

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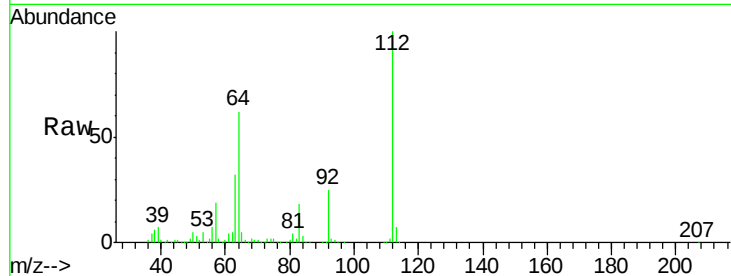
Tot Ion:112 Resp: 728148

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

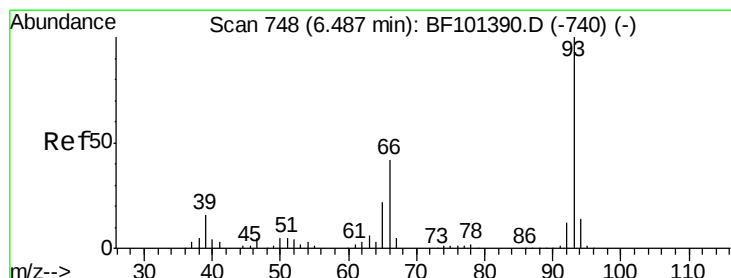
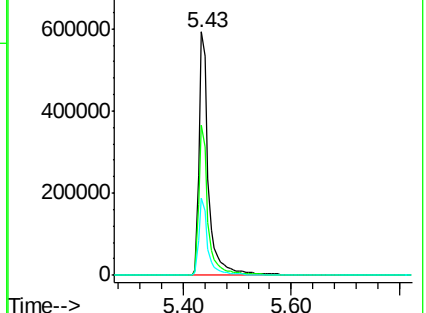
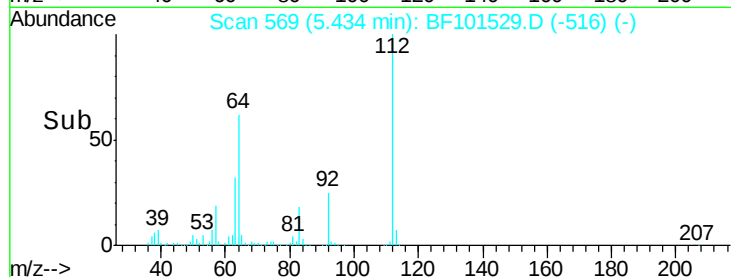
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

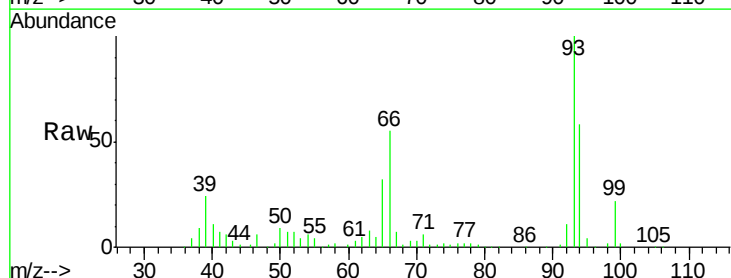
Tgt Ion: 93 Resp: 144029

Ion Ratio Lower Upper

93 100

66 54.8 32.2 48.2#

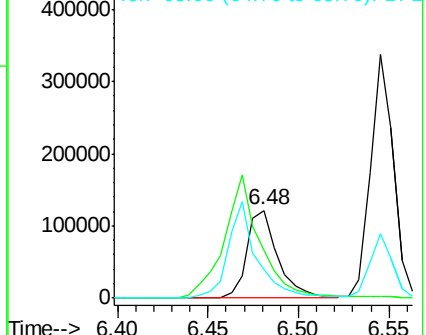
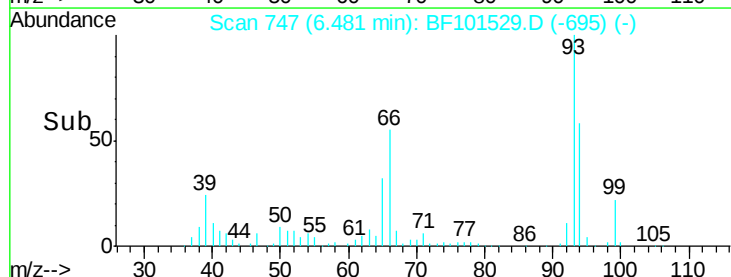
65 32.1 16.4 24.6#

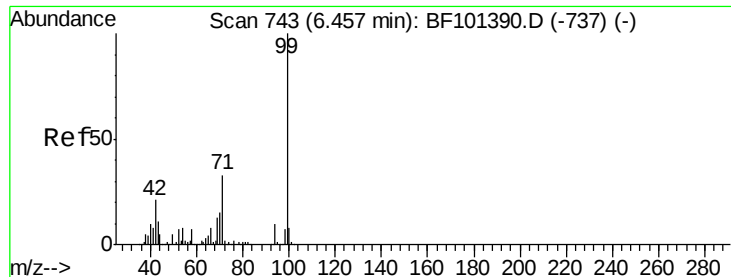


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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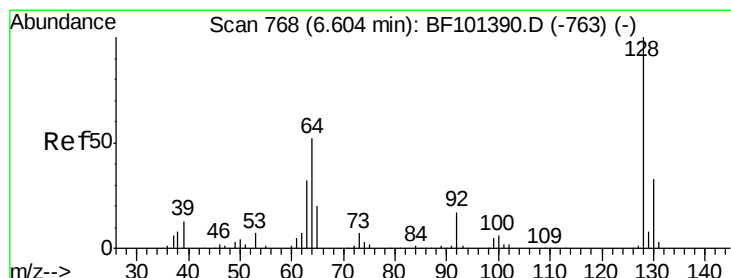
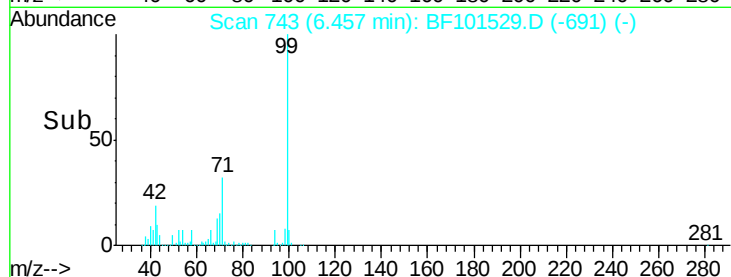
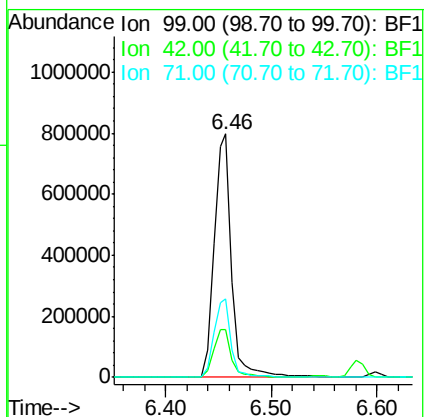
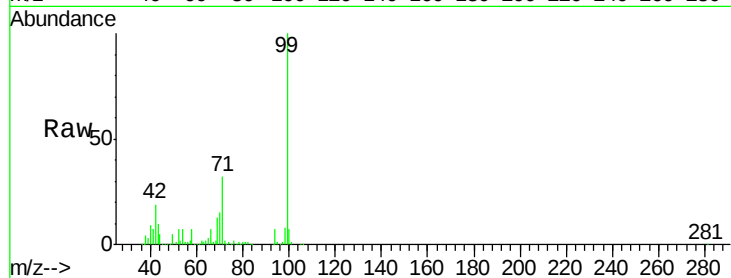
Tot Ion: 99 Resp: 928263

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 29.511 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101529.D

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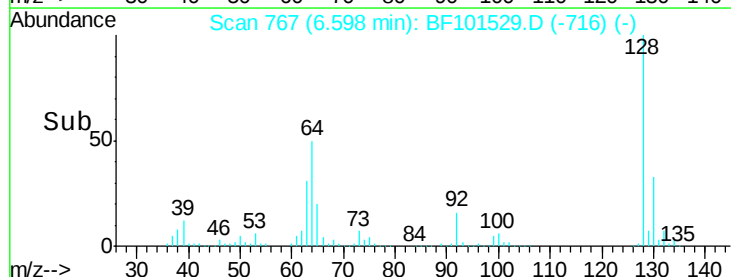
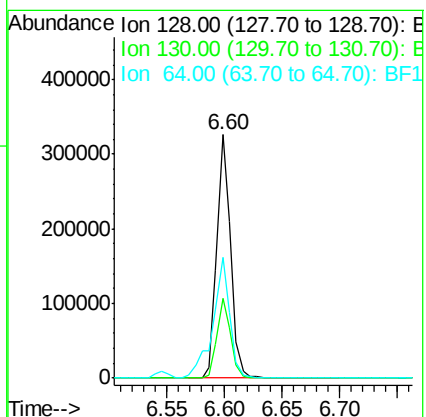
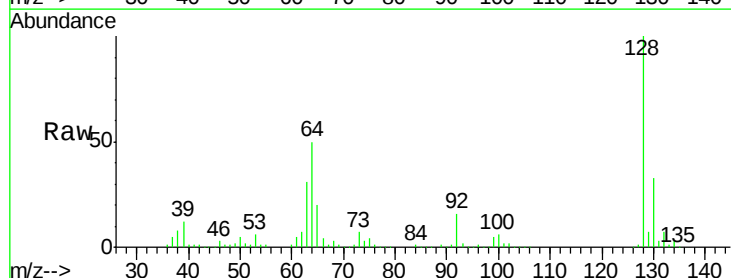
Tgt Ion: 128 Resp: 269661

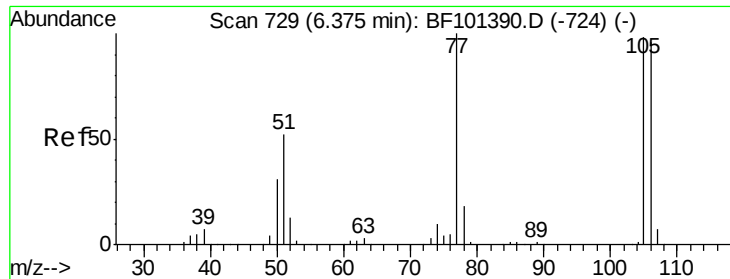
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 49.7 29.4 69.4

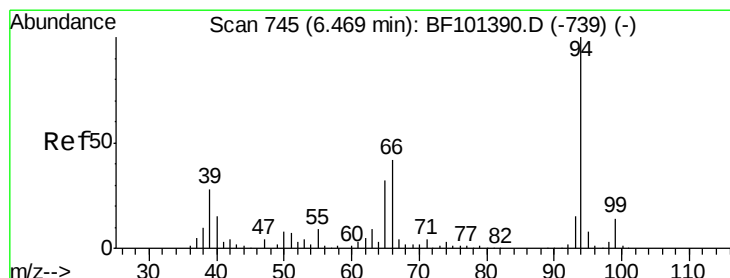
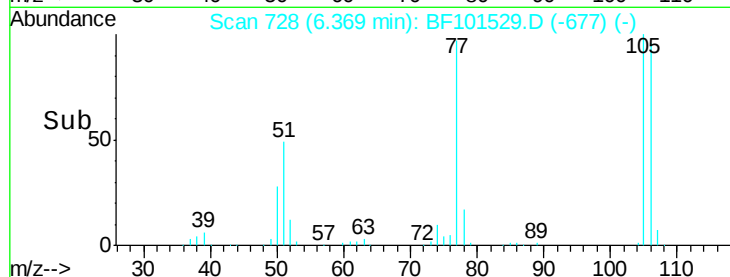
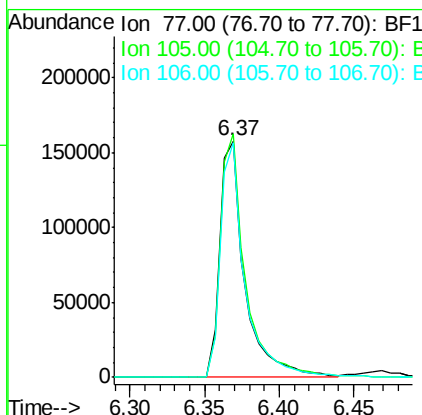
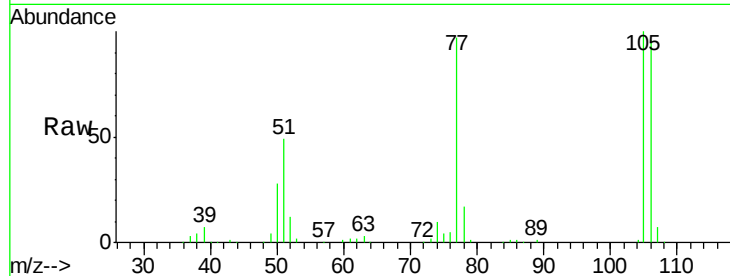




#9
Benzaldehyde
Concen: 23.392 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF101529.D
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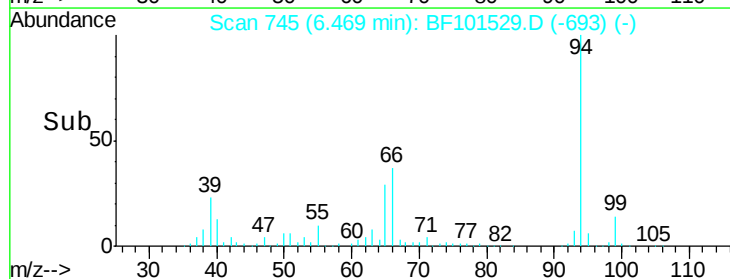
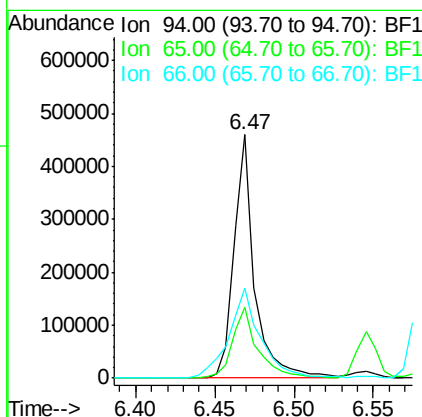
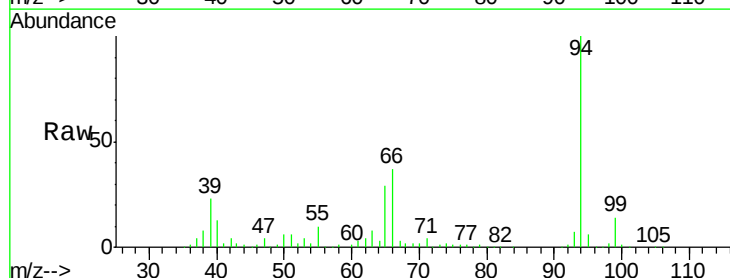
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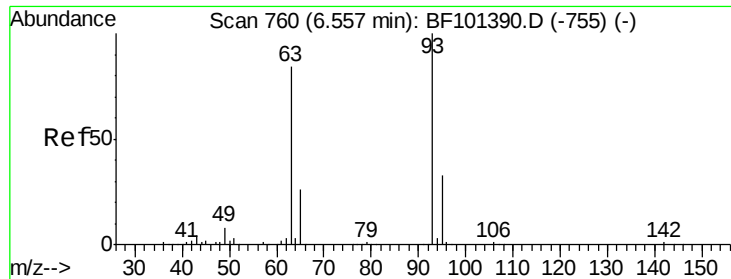
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Ion Ratio Lower Upper
77 100
105 103.2 81.1 121.1
106 99.2 74.5 114.5



#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

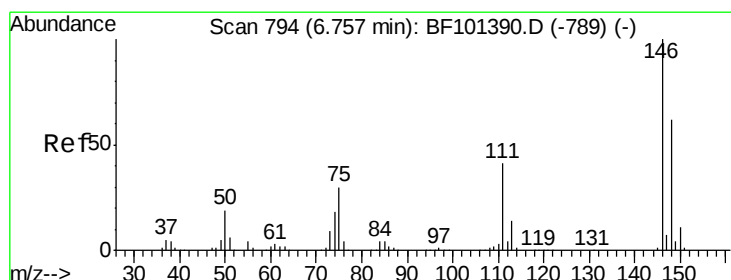
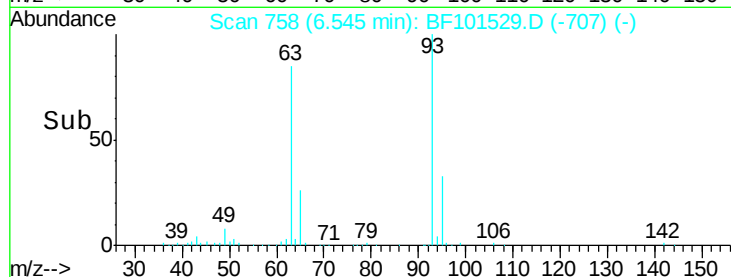
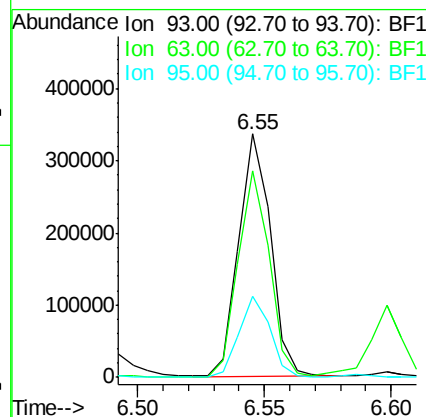
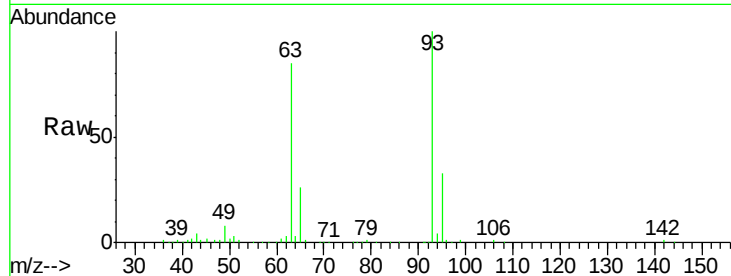




#11
bis(2-Chloroethyl)ether
Concen: 30.385 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

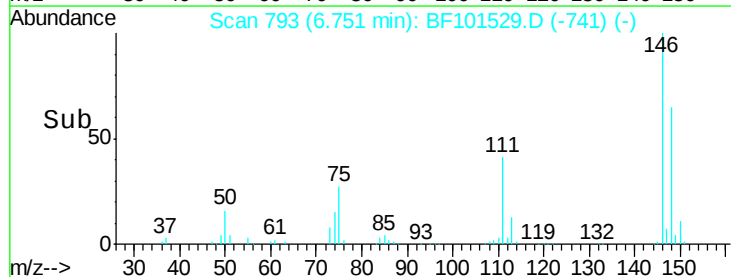
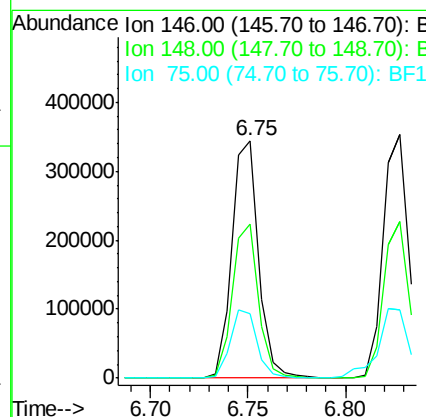
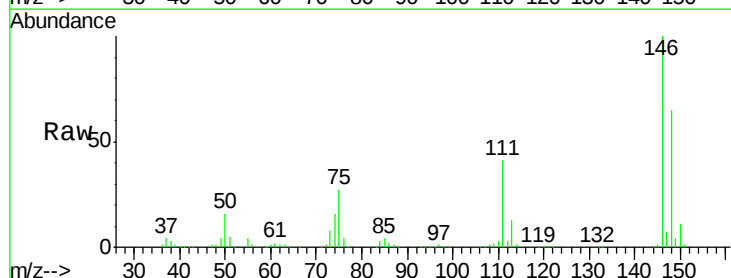
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

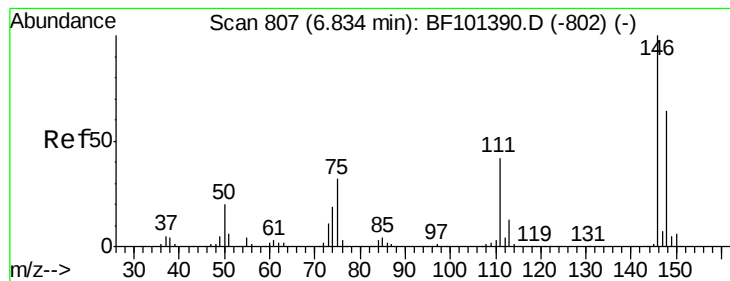
Tot Ion: 93 Resp: 293677
Ion Ratio Lower Upper
93 100
63 84.9 58.6 98.6
95 33.2 11.8 51.8



#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

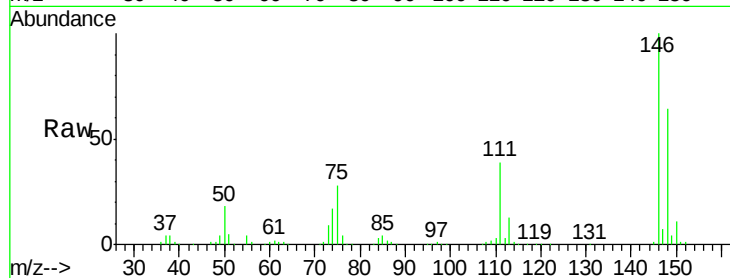
Tot Ion:146 Resp: 333171

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

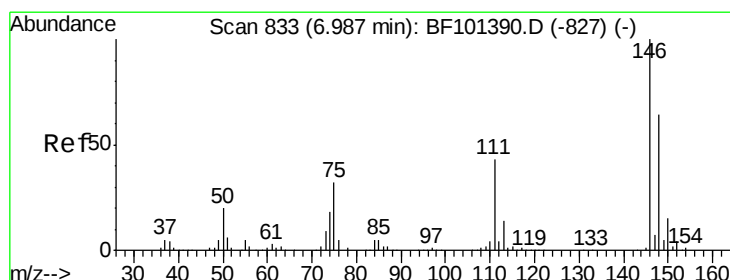
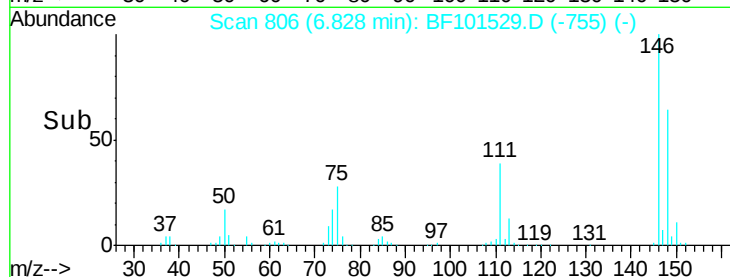
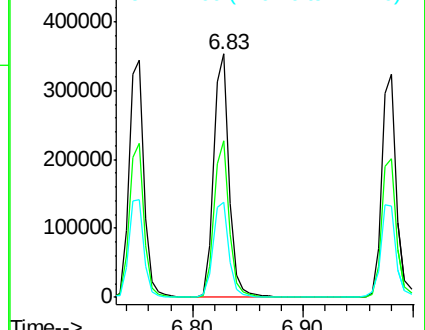
111 39.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

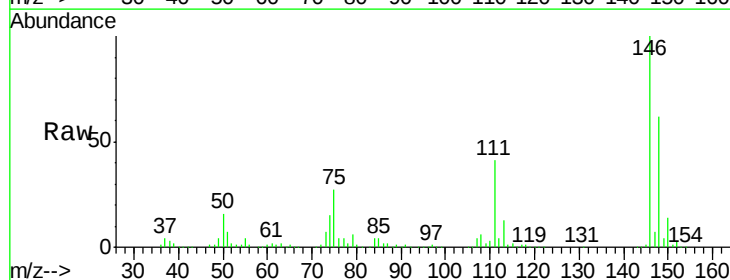
Tgt Ion:146 Resp: 302669

Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

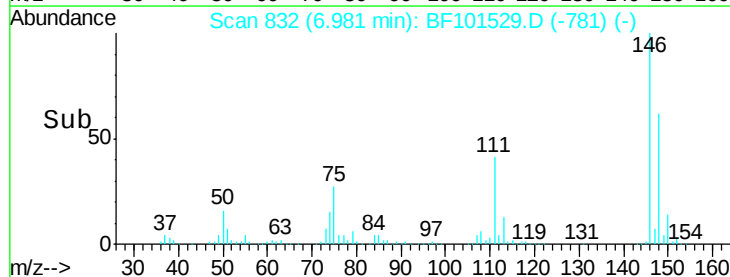
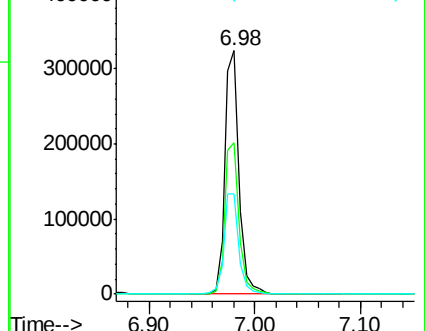
111 40.9 36.0 54.0

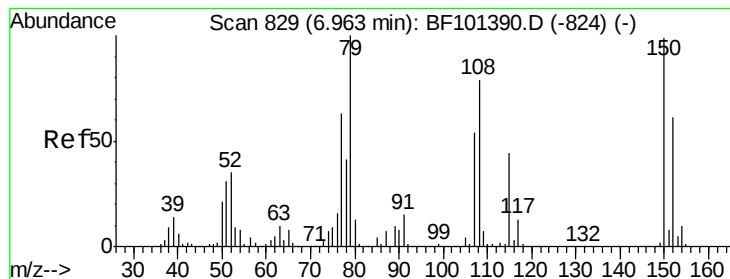


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

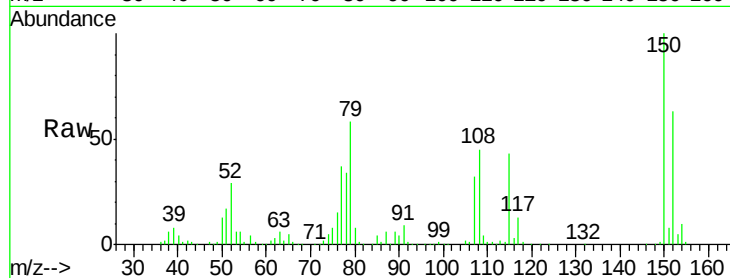
Tot Ion: 79 Resp: 223638

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

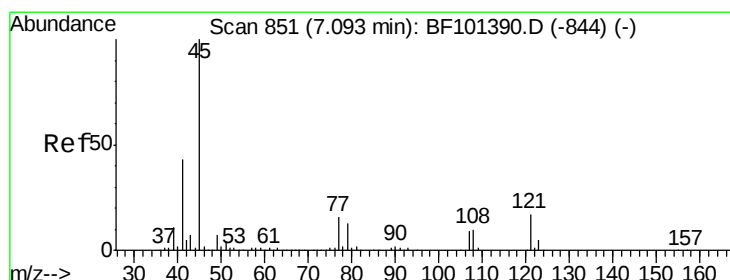
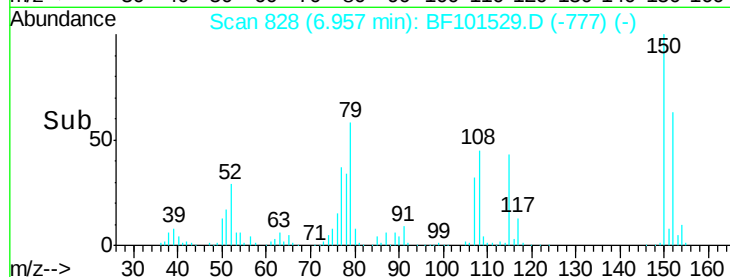
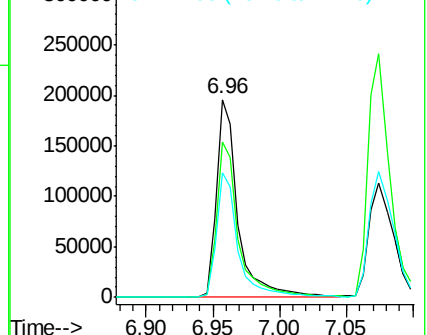
77 63.3 50.6 75.8



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

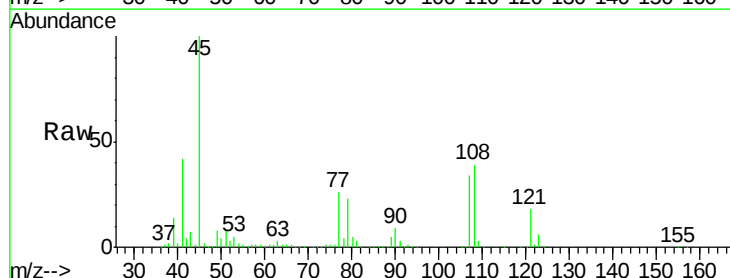
Tgt Ion: 45 Resp: 483927

Ion Ratio Lower Upper

45 100

77 25.9 0.0 32.9

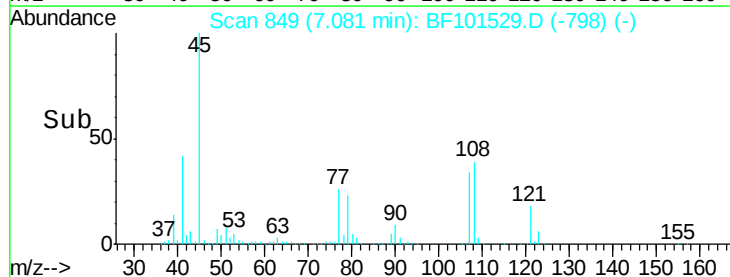
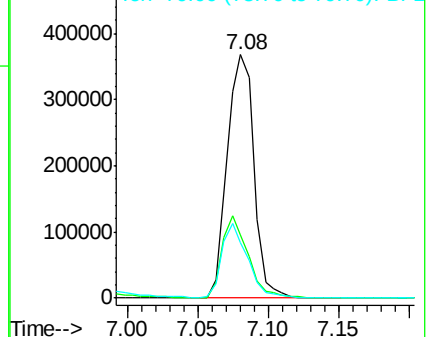
79 22.9 0.0 29.6

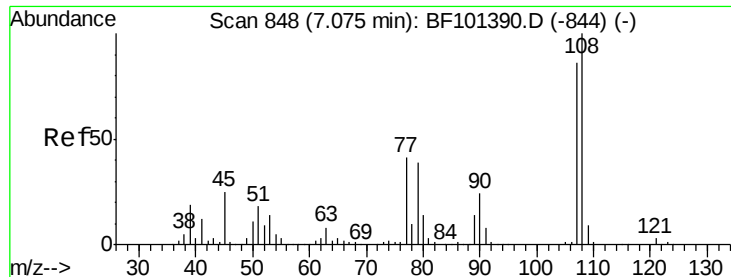


Abundance Ion 45.00 (44.70 to 45.70): BF1

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

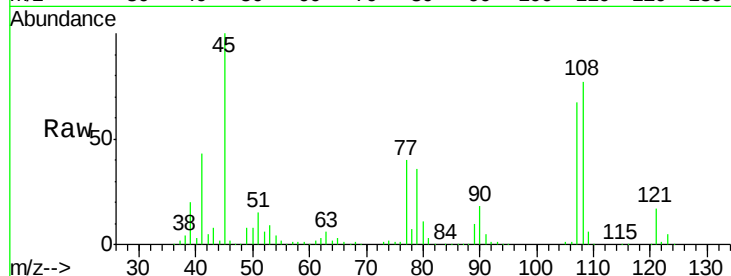
Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 59.9 33.8 50.8#

79 54.3 33.8 50.8#

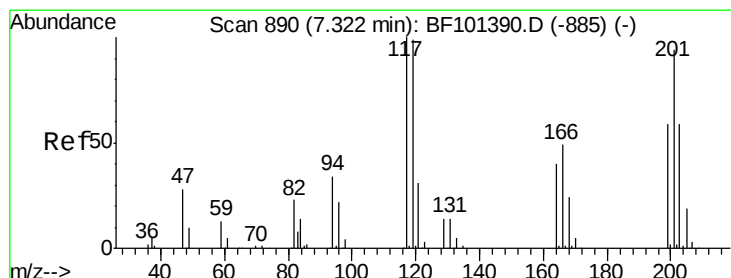
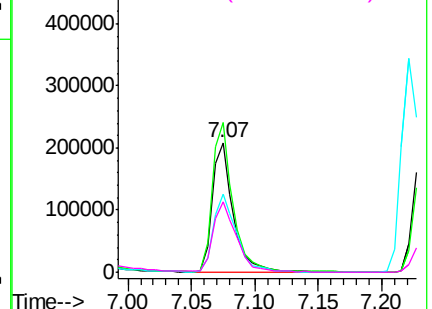
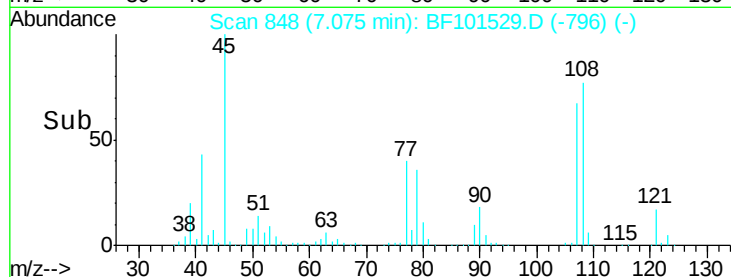


Abundance Ion 107.00 (106.70 to 107.70): E

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

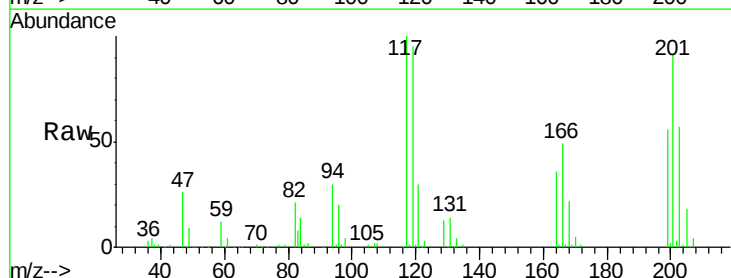
Tgt Ion:117 Resp: 112122

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

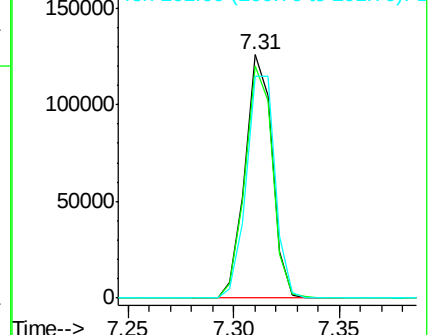
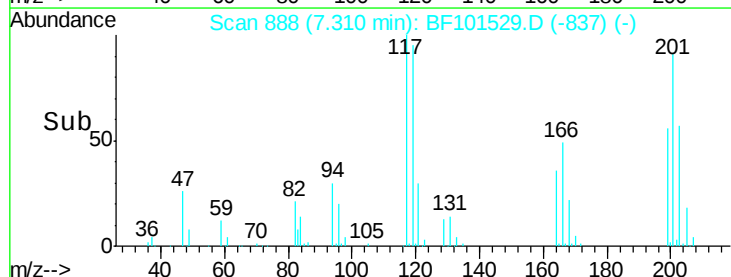
201 90.9 75.7 113.5



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

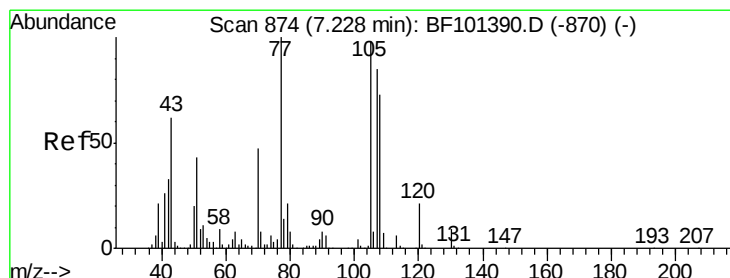
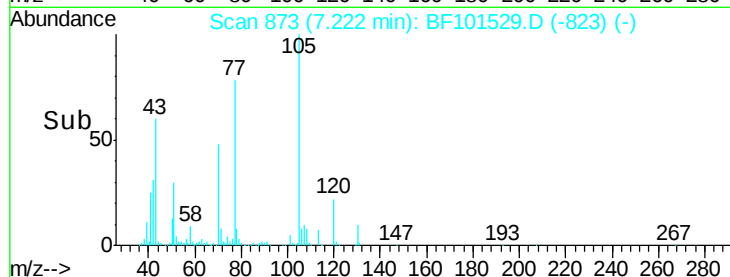
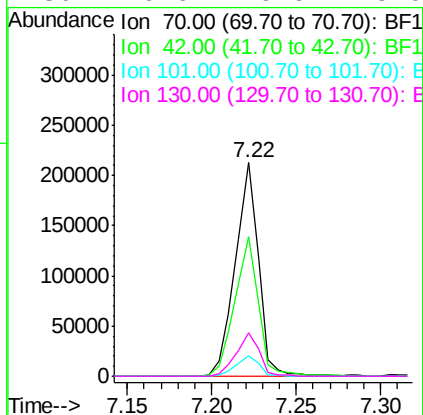
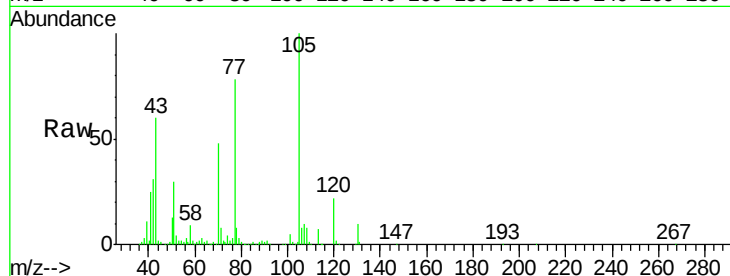




#19
n-Nitroso-di-n-propylamine
Concen: 28.607 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

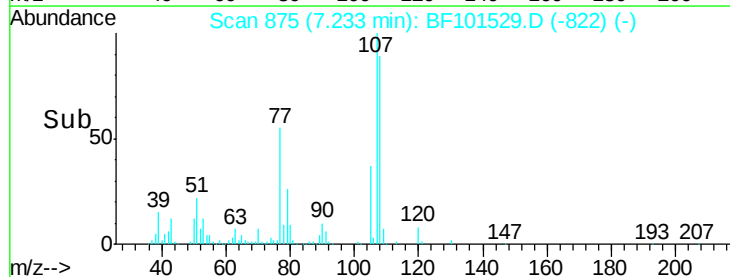
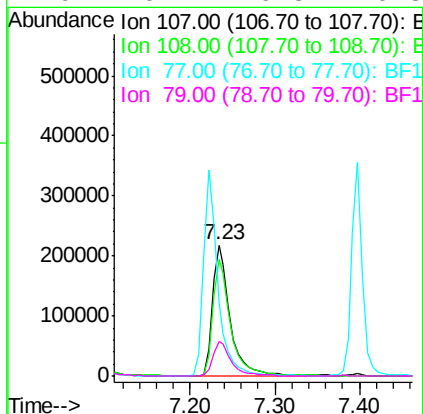
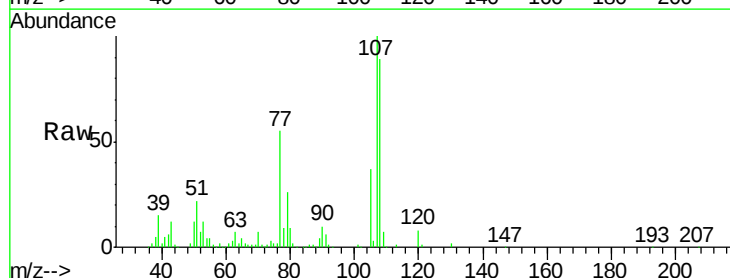
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

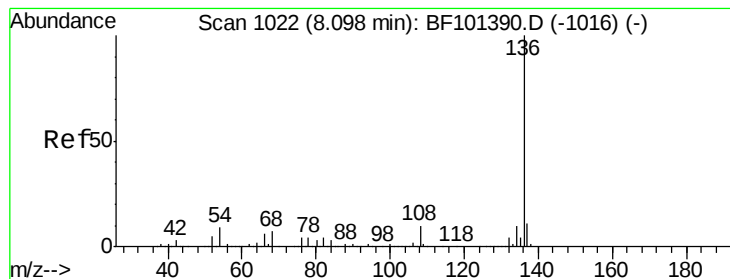
Tot Ion:	70	Resp:	203103
Ion	Ratio	Lower	Upper
70	100		
42	65.3	47.5	71.3
101	9.6	7.4	11.2
130	20.6	16.6	25.0



#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

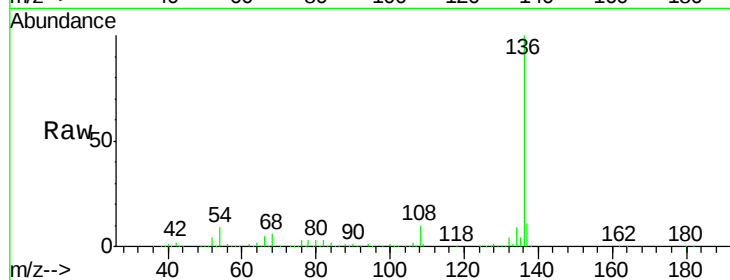
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 6.2 5.0 7.4

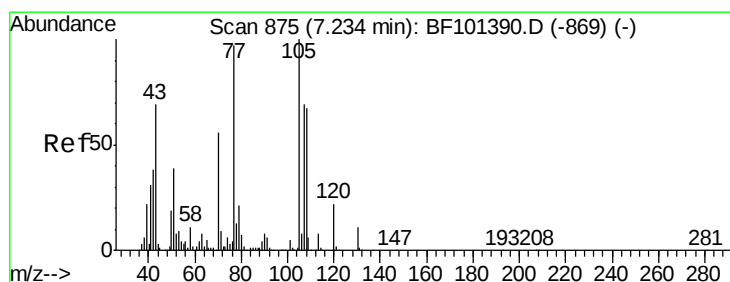
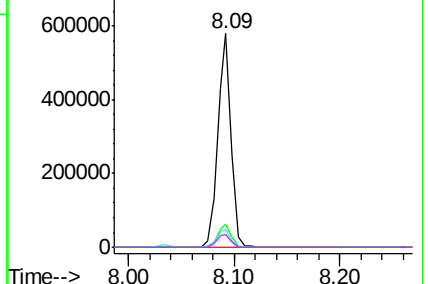
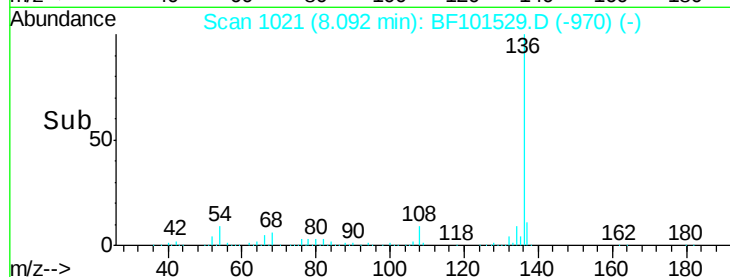


Abundance Ion 136.00 (135.70 to 136.70): E

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

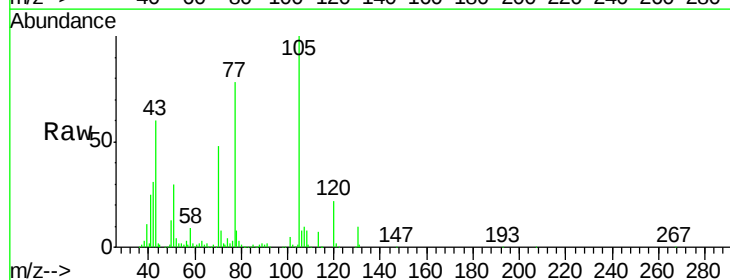
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 30.1 22.3 33.5

120 21.8 16.9 25.3

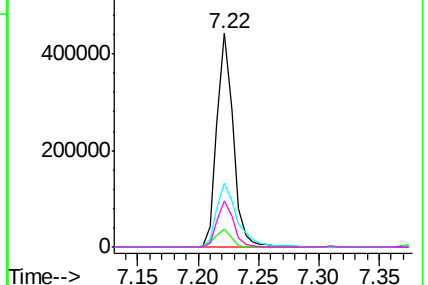
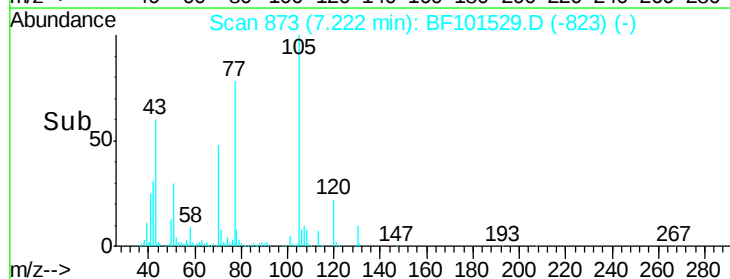


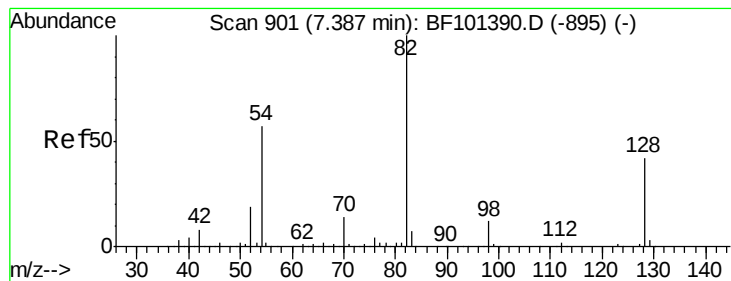
Abundance Ion 105.00 (104.70 to 105.70): E

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

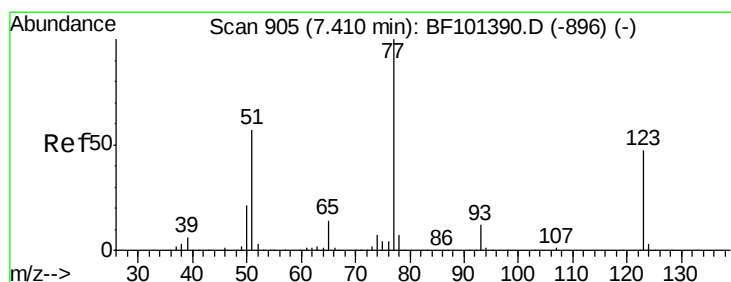
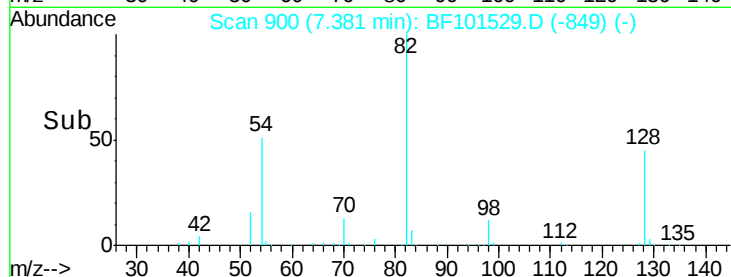
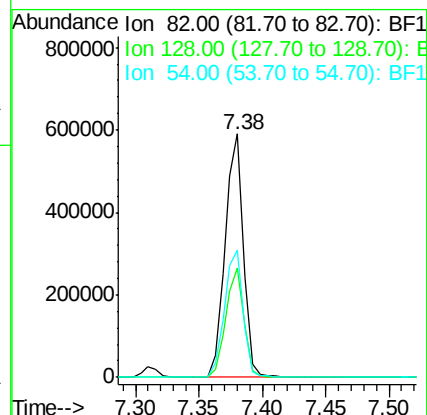
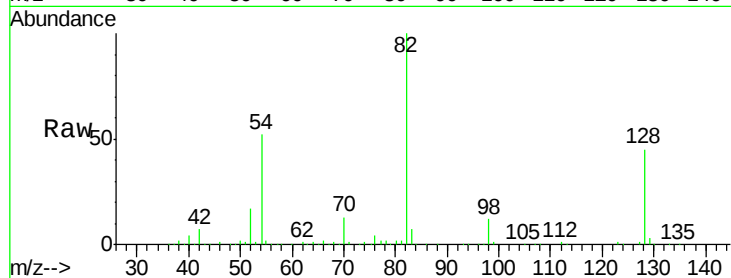
Tot Ion: 82 Resp: 597845

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

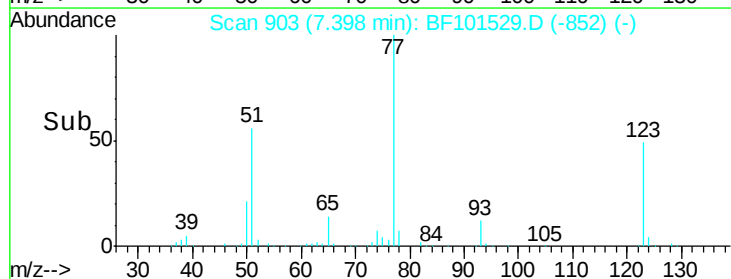
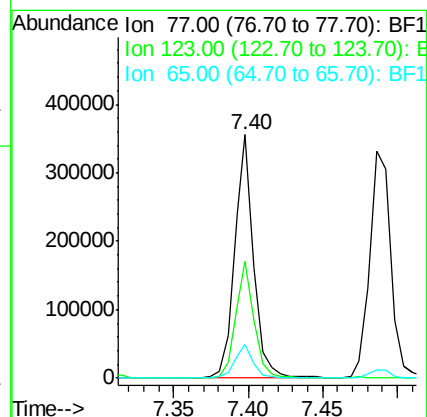
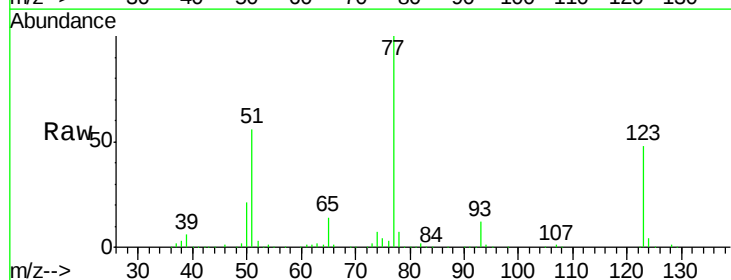
Tgt Ion: 77 Resp: 315309

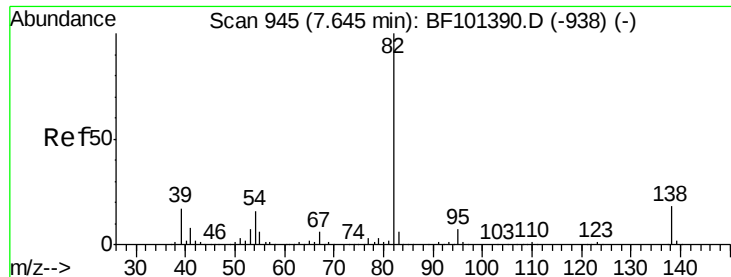
Ion Ratio Lower Upper

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

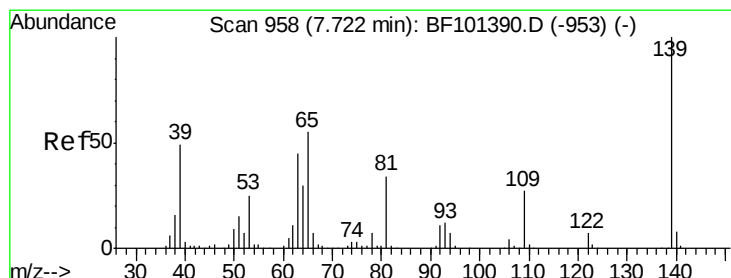
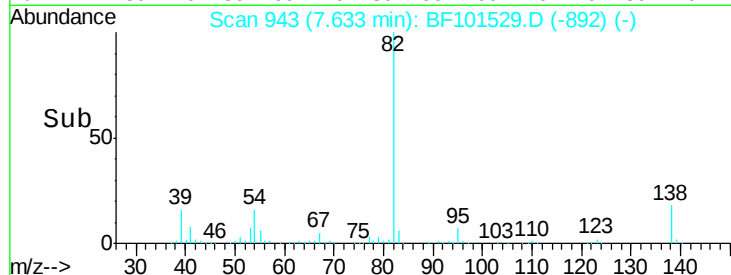
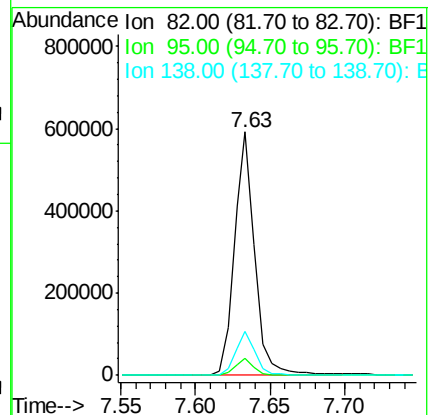
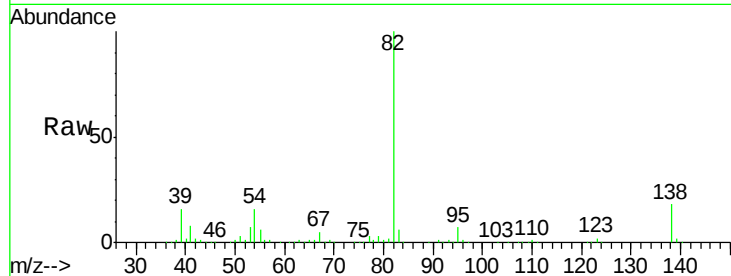
Tot Ion: 82 Resp: 568261

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

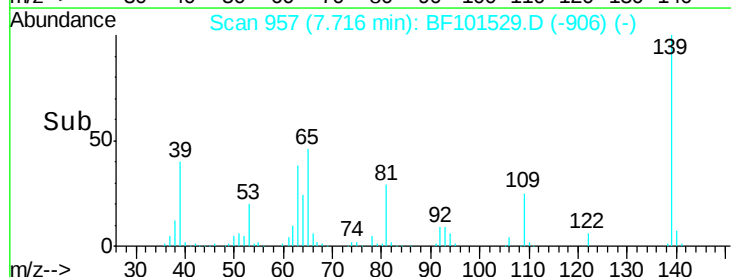
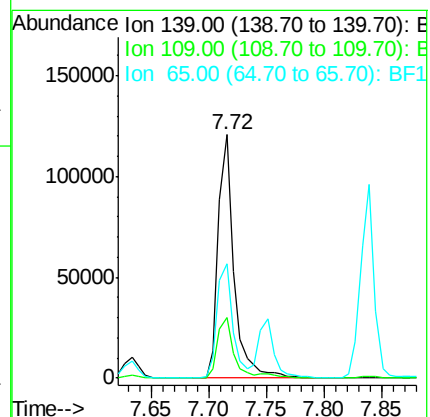
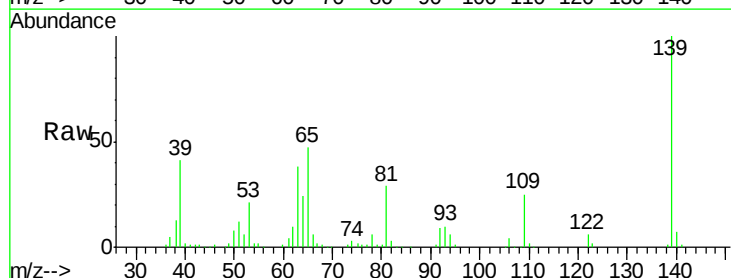
Tgt Ion: 139 Resp: 115206

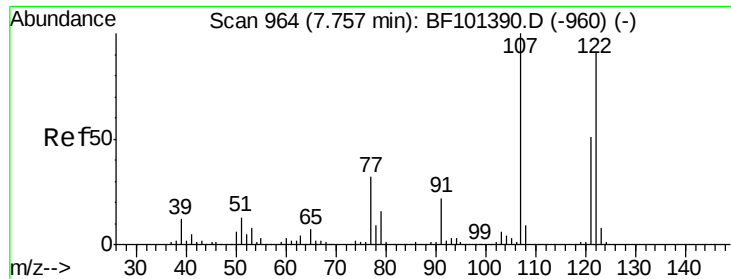
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 47.0 40.5 60.7

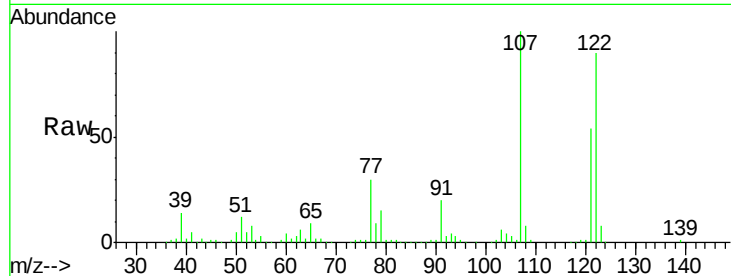




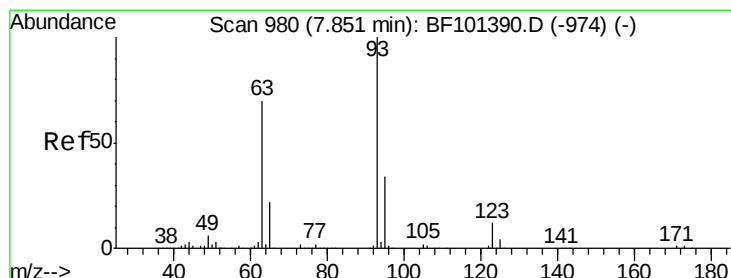
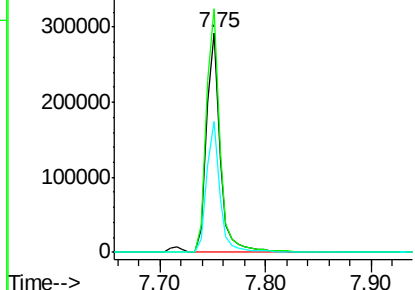
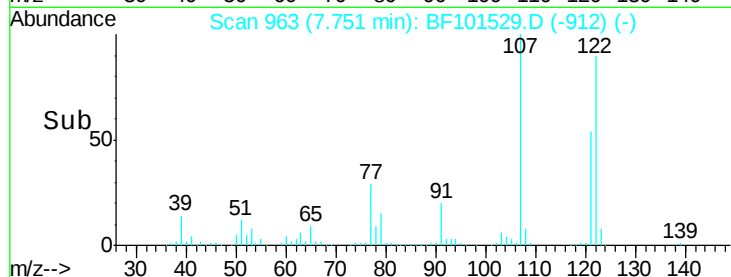
#27
 2,4-Dimethylphenol
 Concen: 34.694 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

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

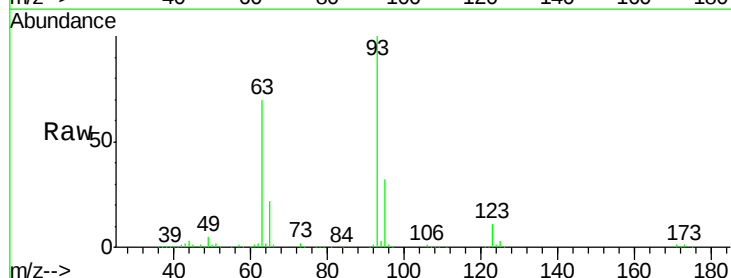


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

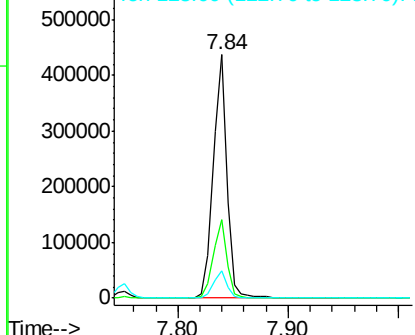
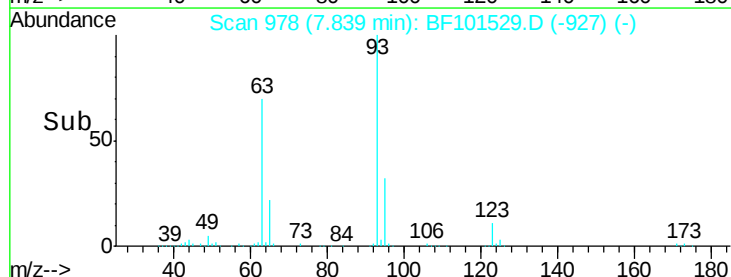


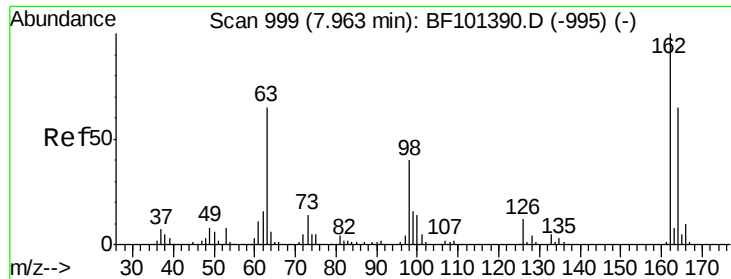
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.170 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

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

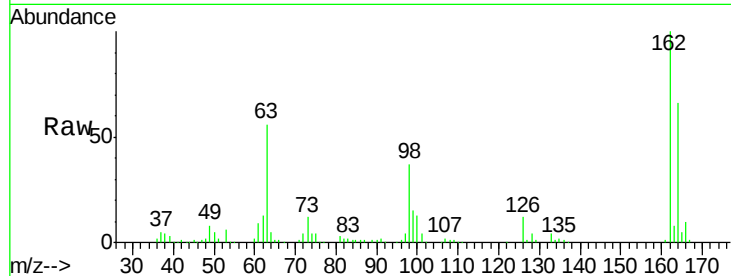




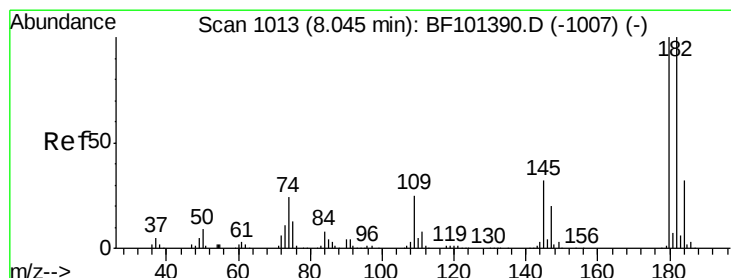
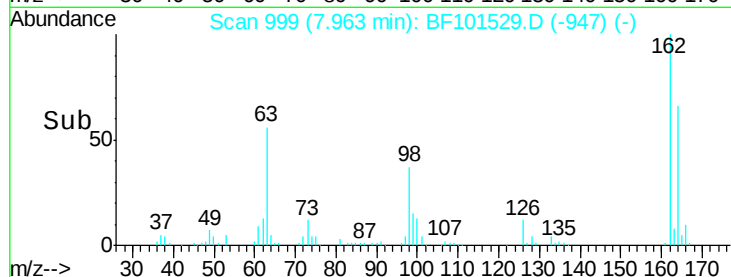
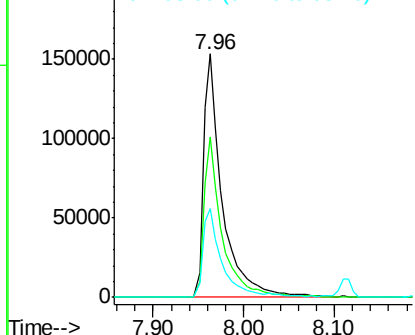
#29
2,4-Dichlorophenol
Concen: 30.018 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

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

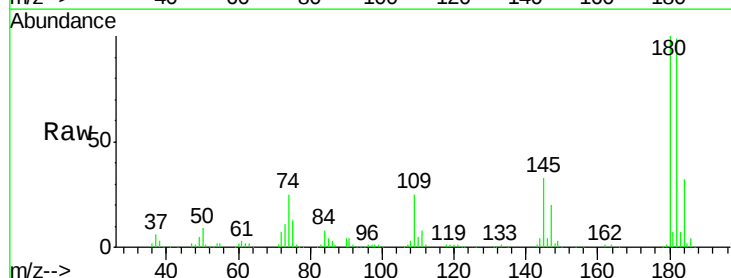


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

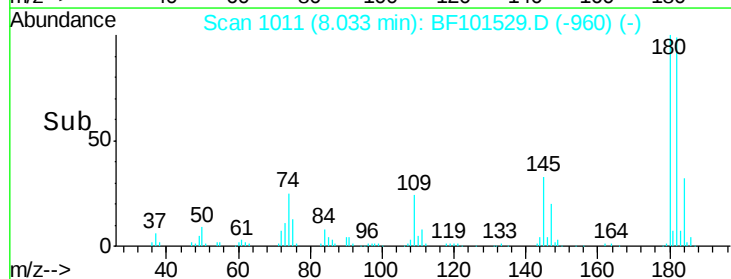
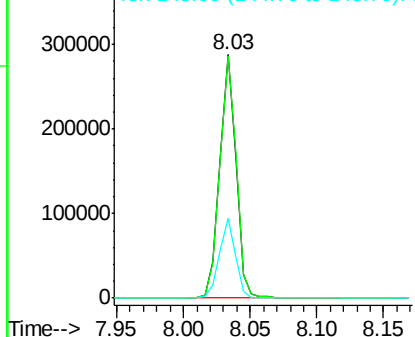


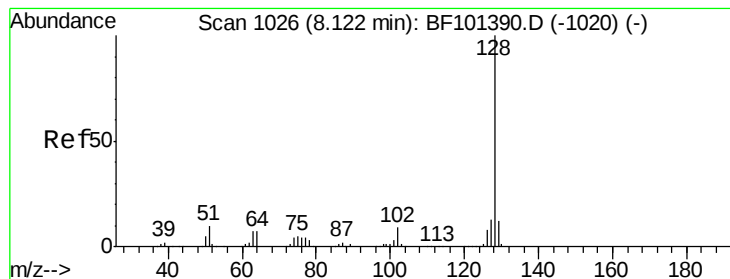
#30
1,2,4-Trichlorobenzene
Concen: 32.213 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

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



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





#31

Naphthalene

Concen: 32.886 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

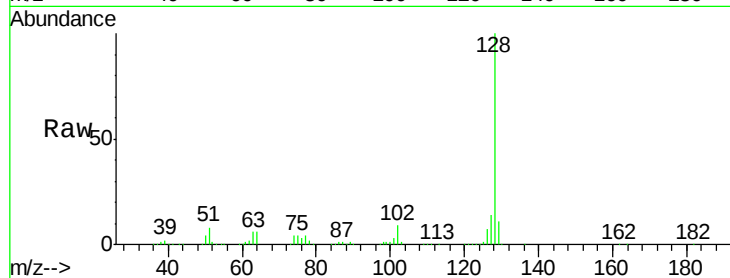
Tot Ion:128 Resp: 853713

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

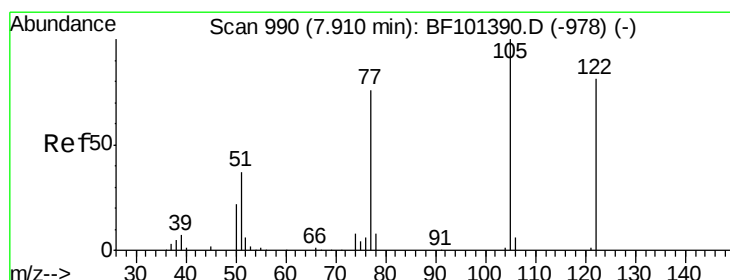
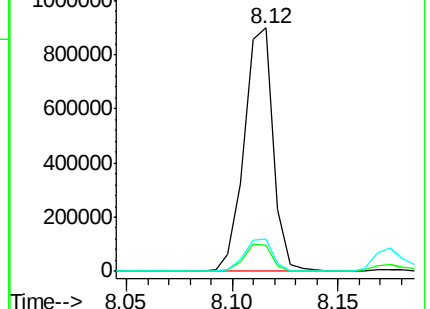
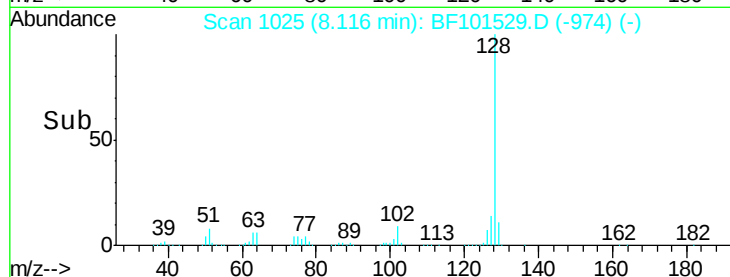
127 13.5 10.9 16.3



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



#32

Benzoic acid

Concen: 50.911 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.16 min

Lab File: BF101529.D

Acq: 19 Dec 2017 18:21

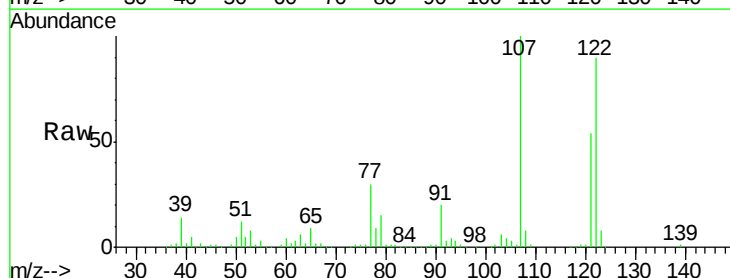
Tgt Ion:122 Resp: 259604

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

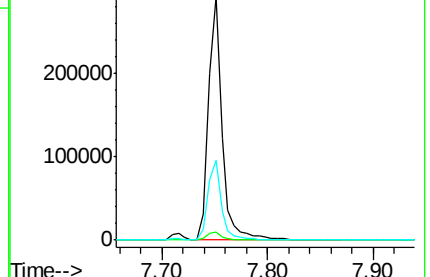
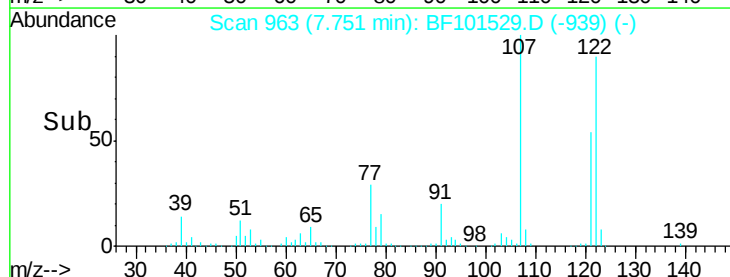
77 32.9 70.7 110.7#

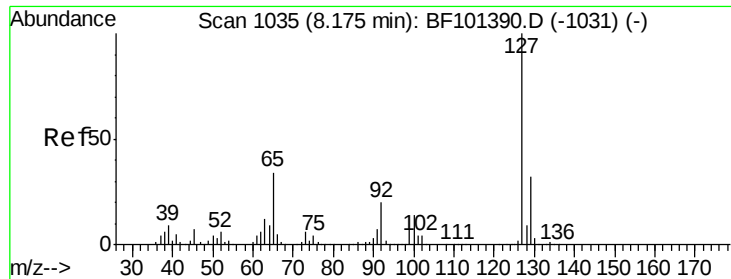


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

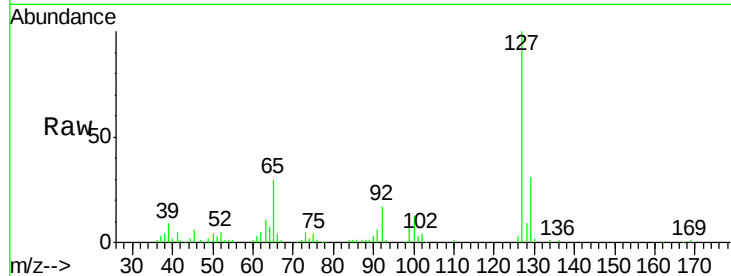




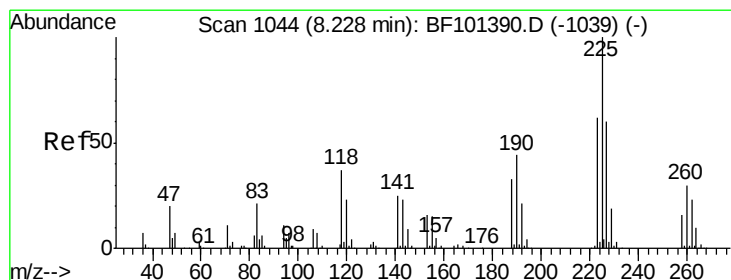
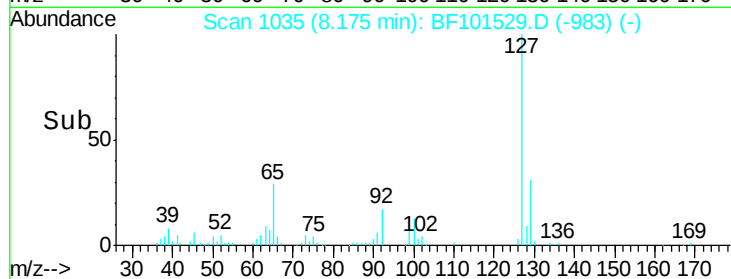
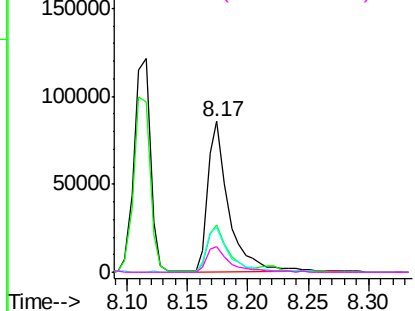
#33
4-Chloroaniline
Concen: 9.153 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot 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

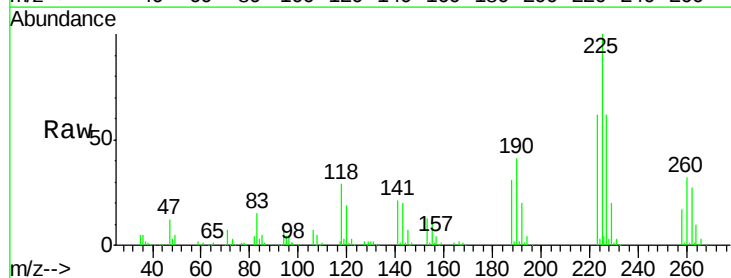


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

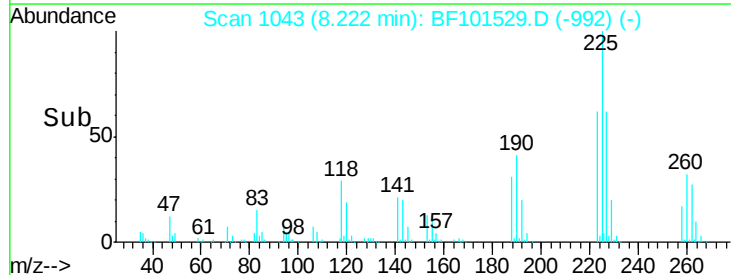
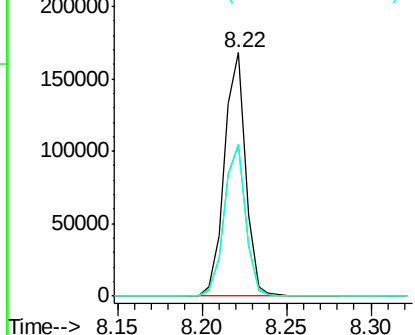


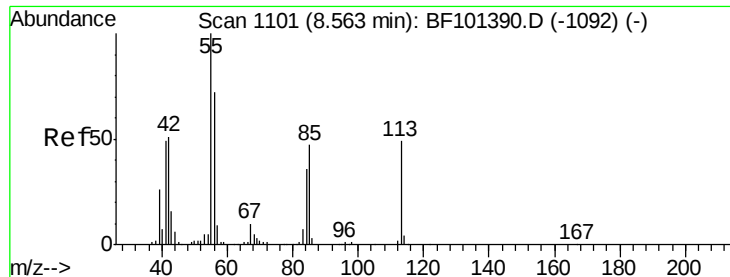
#34
Hexachlorobutadiene
Concen: 32.583 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt 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

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

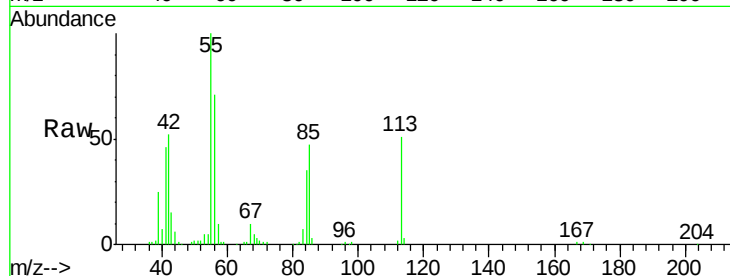
Tot Ion:113 Resp: 71651

Ion Ratio Lower Upper

113 100

55 195.3 163.3 203.3

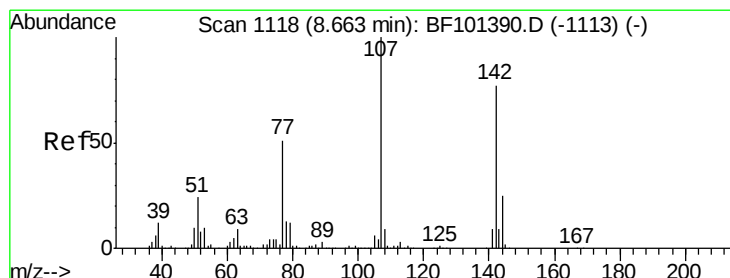
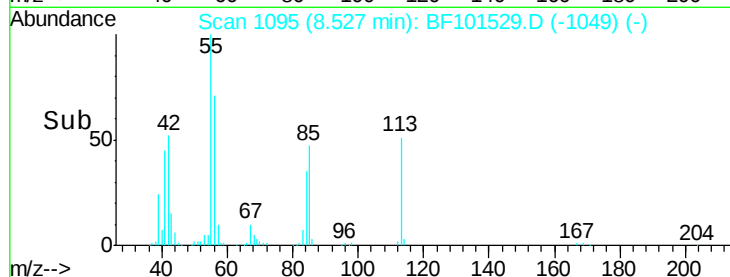
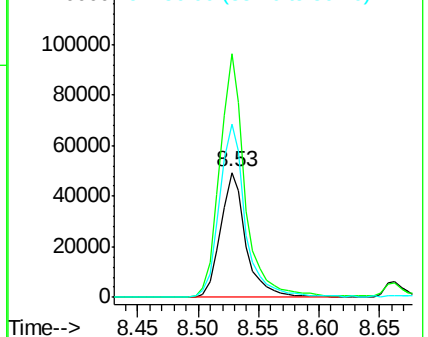
56 139.4 115.7 155.7



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

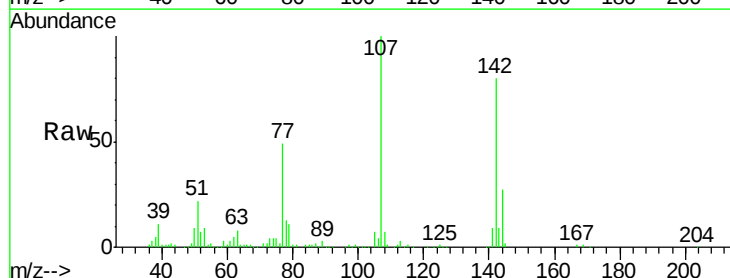
Tgt Ion:107 Resp: 260697

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

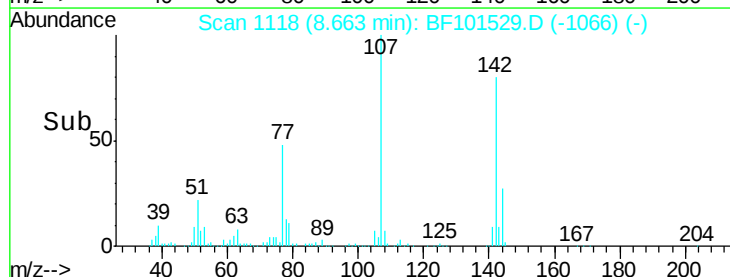
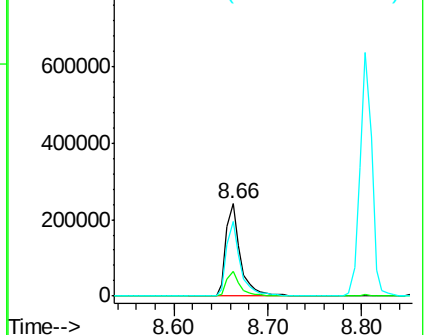
142 80.5 62.0 93.0

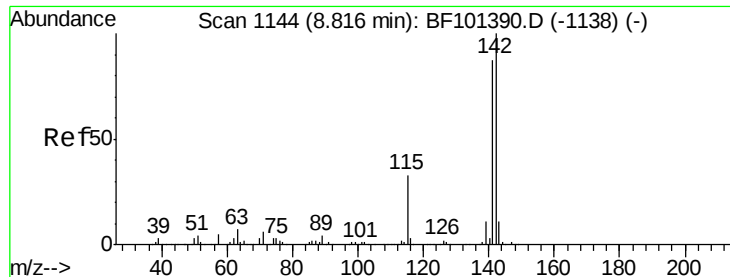


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

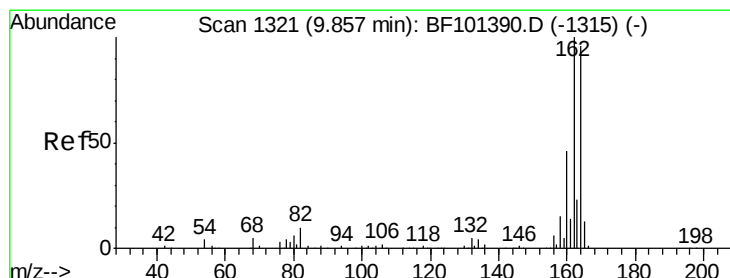
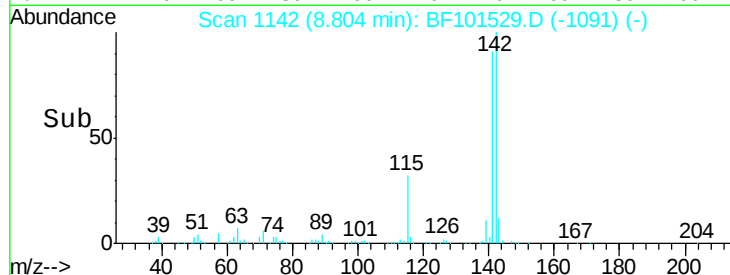
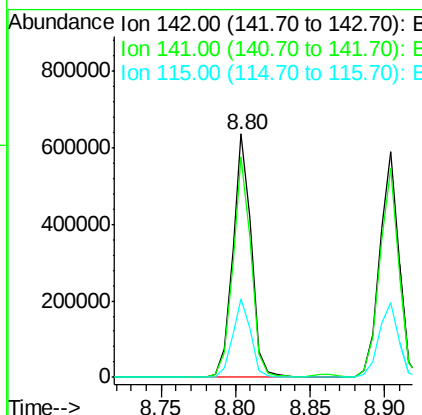
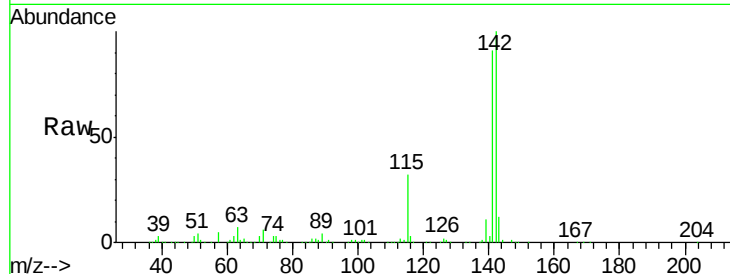




#37
2-Methylnaphthalene
Concen: 32.672 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

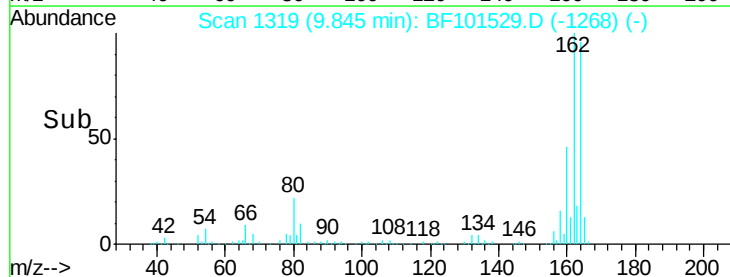
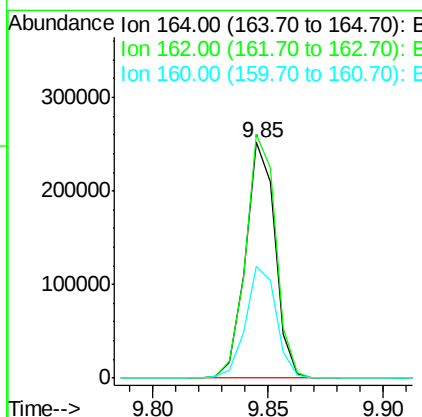
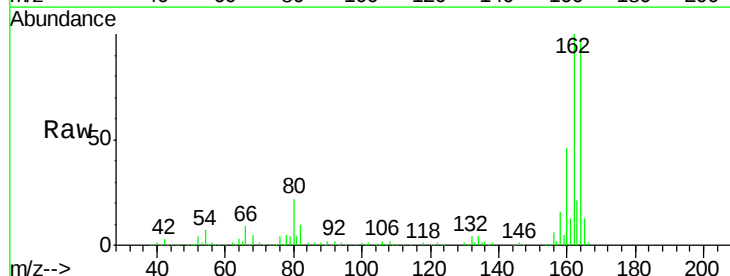
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

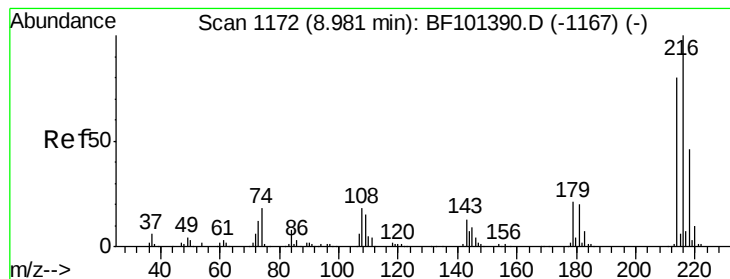
Tot Ion:142 Resp: 552588
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 32.4 26.1 39.1



#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

Tgt Ion:164 Resp: 226306
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 47.4 38.3 57.5

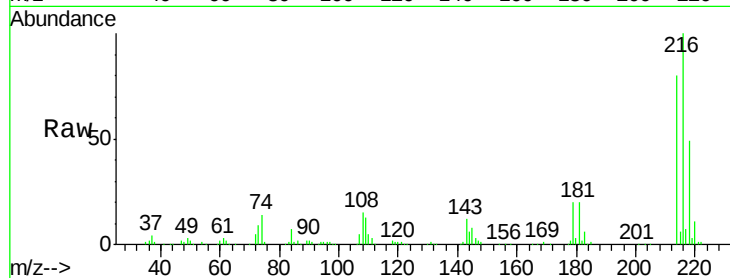




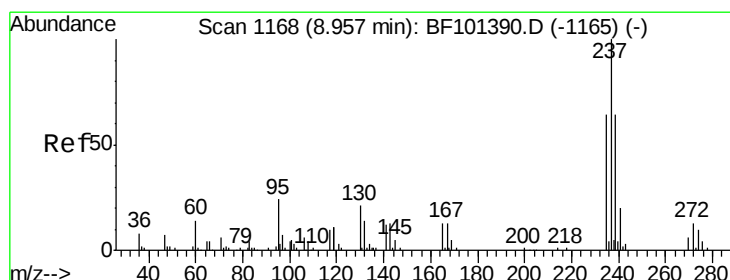
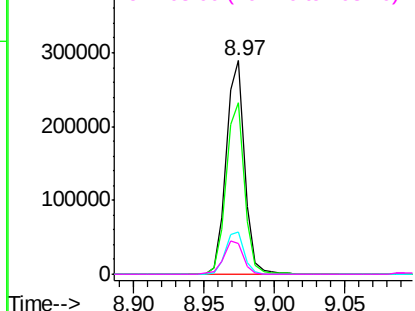
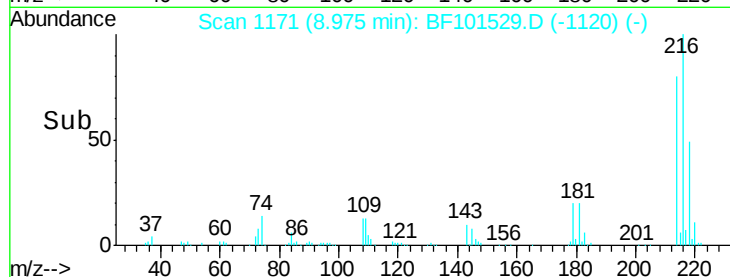
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.457 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Tot 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#

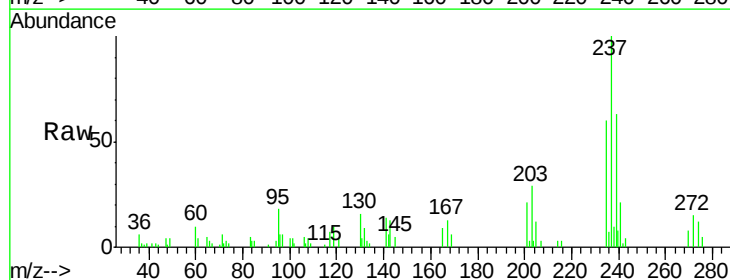


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

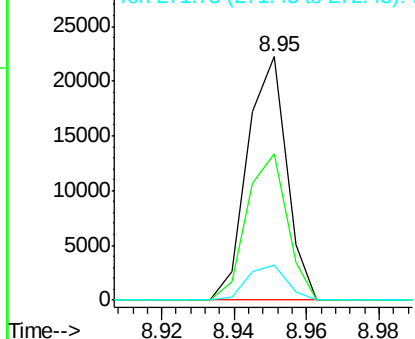
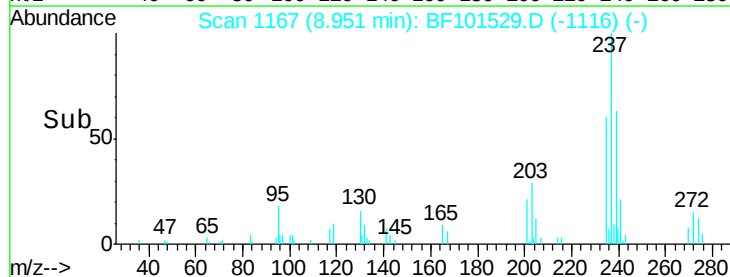


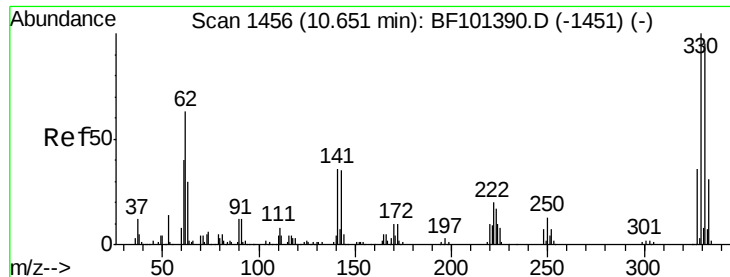
#40
 Hexachlorocyclopentadiene
 Concen: 24.630 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt 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

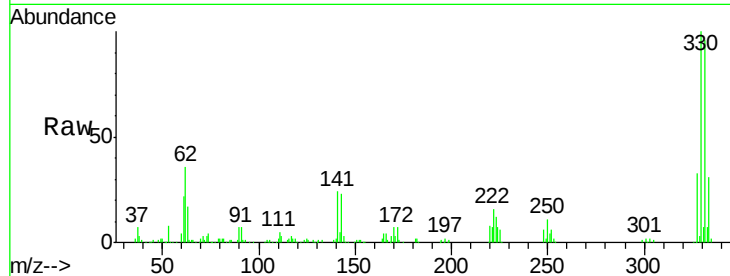




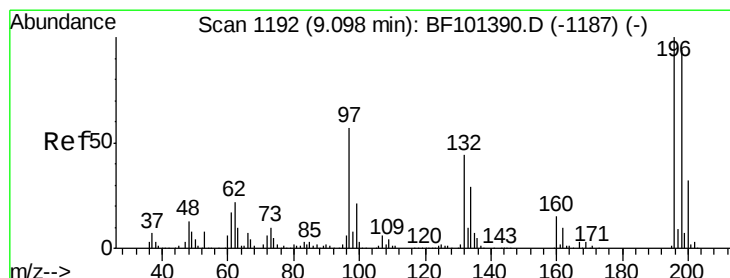
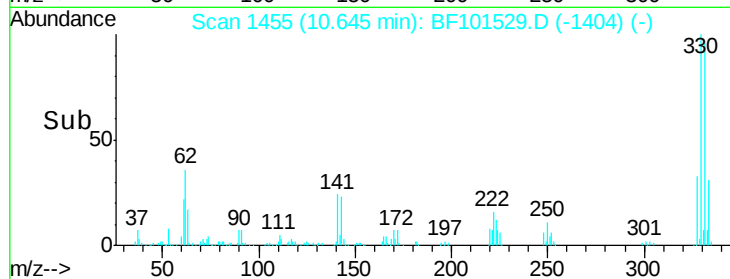
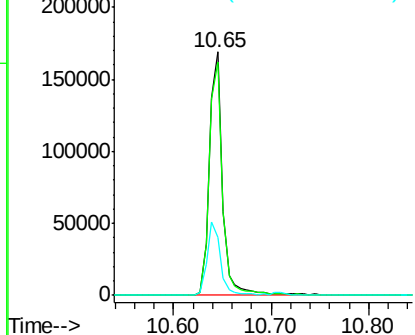
#41
 2,4,6-Tribromophenol
 Concen: 72.704 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.4	29.9	44.9

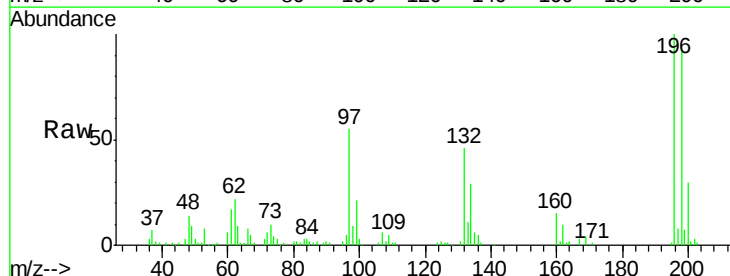


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

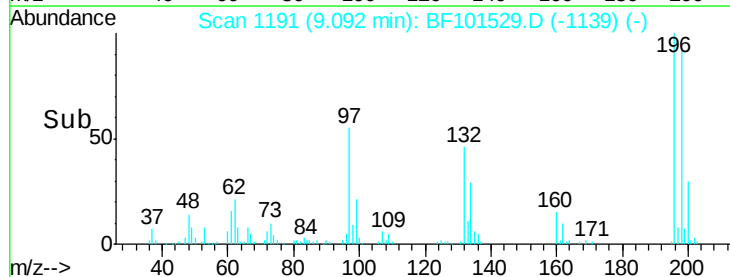
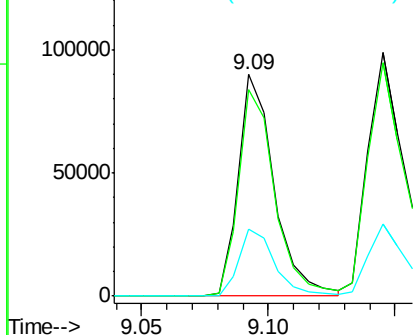


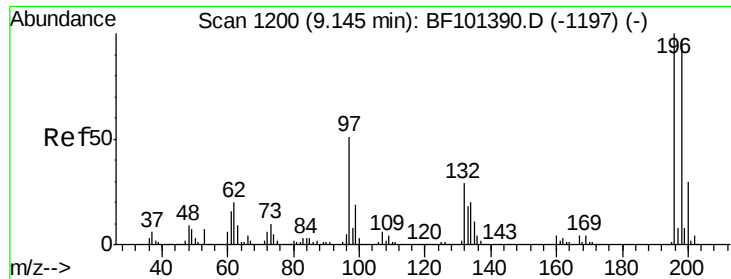
#42
 2,4,6-Trichlorophenol
 Concen: 19.267 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt 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

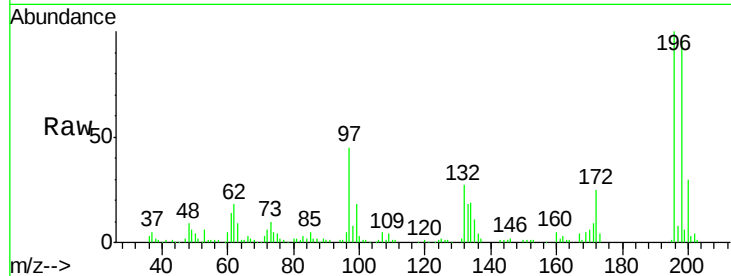




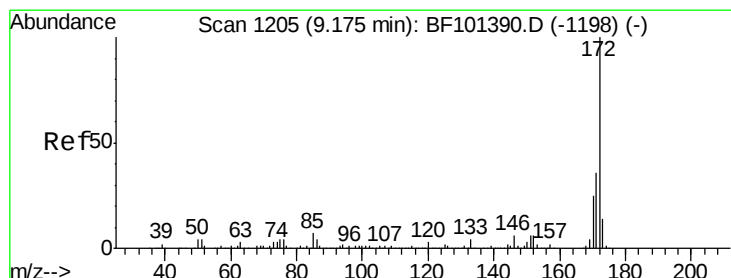
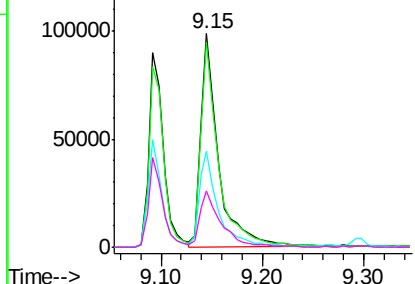
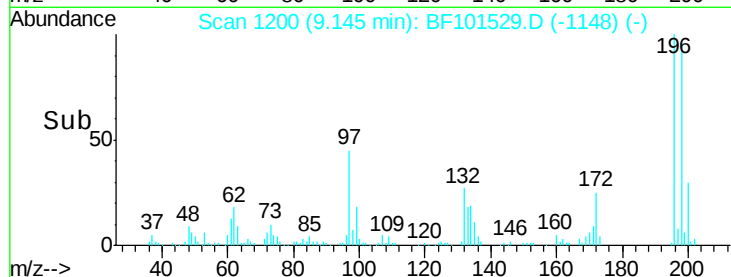
#43
 2,4,5-Trichlorophenol
 Concen: 23.796 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

Tot 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

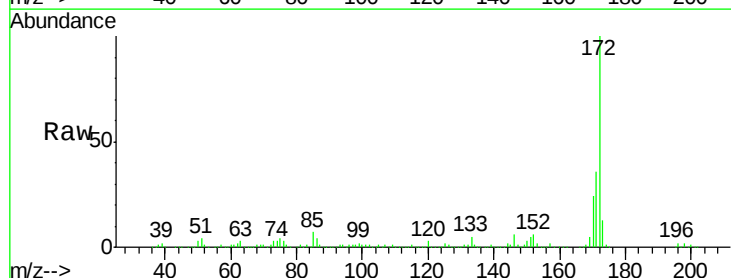


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

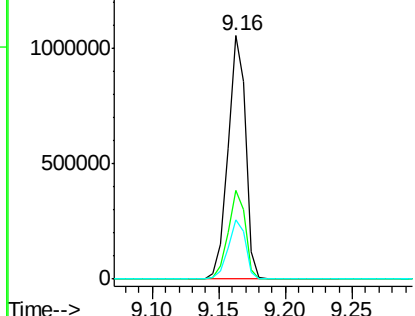
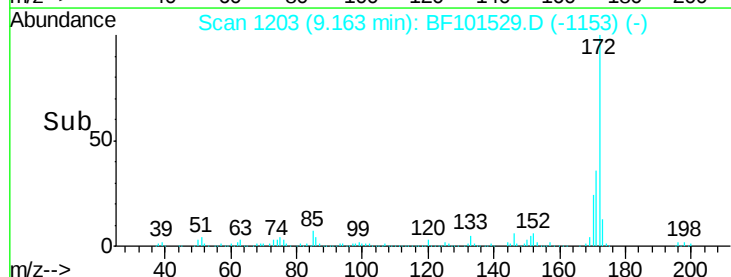


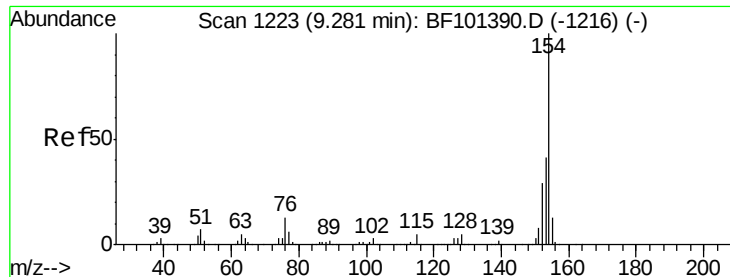
#44
 2-Fluorobiphenyl
 Concen: 67.781 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

Tgt 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

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

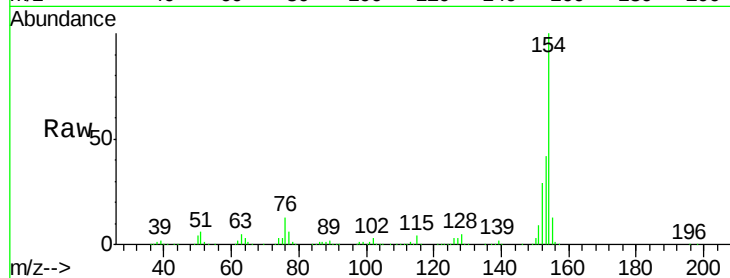
Tot Ion:154 Resp: 662614

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

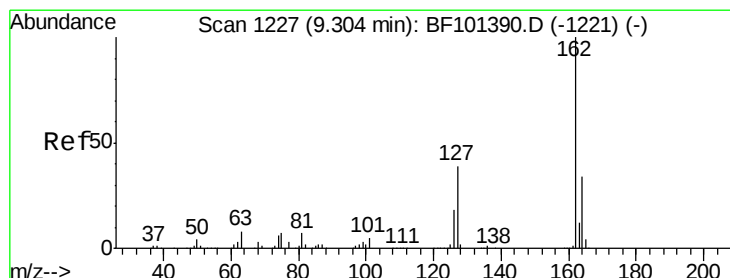
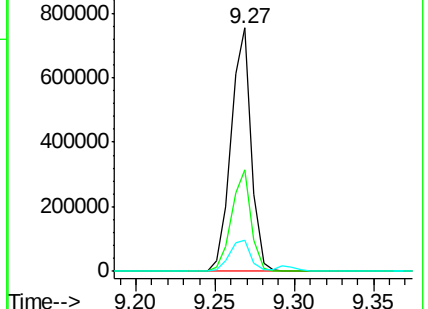
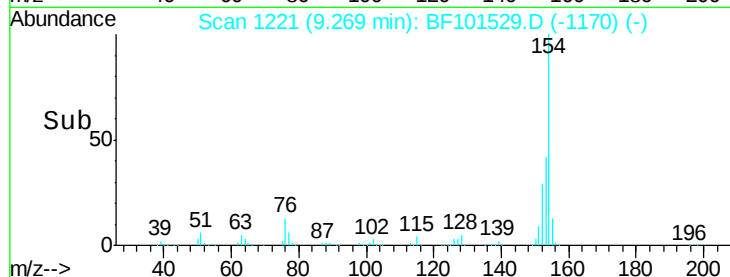
76 12.7 0.0 34.0



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

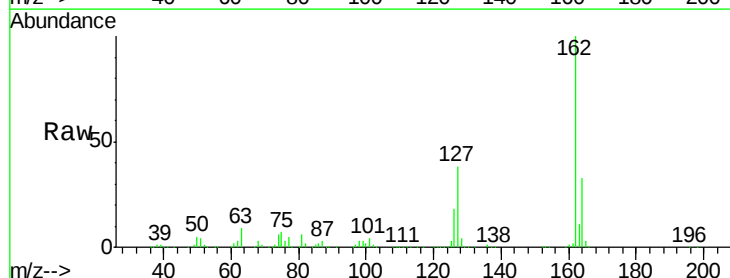
Tgt Ion:162 Resp: 496837

Ion Ratio Lower Upper

162 100

127 38.2 33.9 50.9

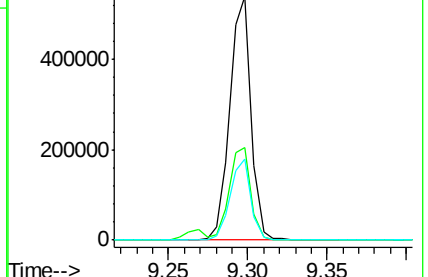
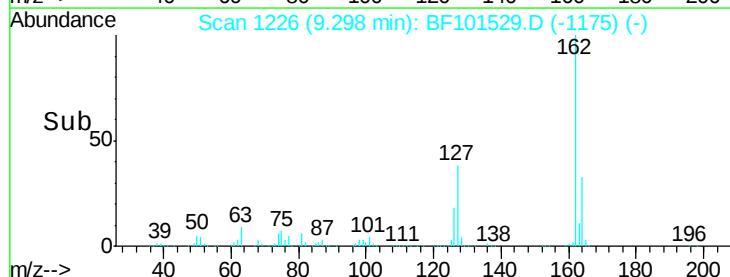
164 33.4 26.5 39.7

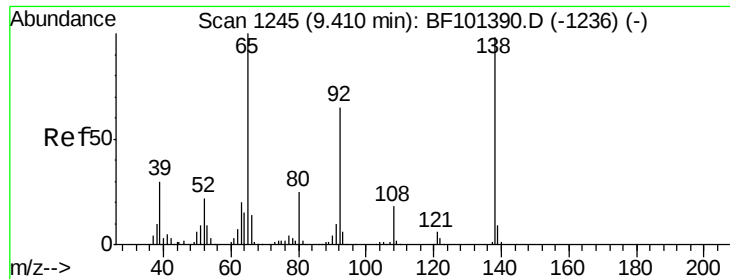


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 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

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

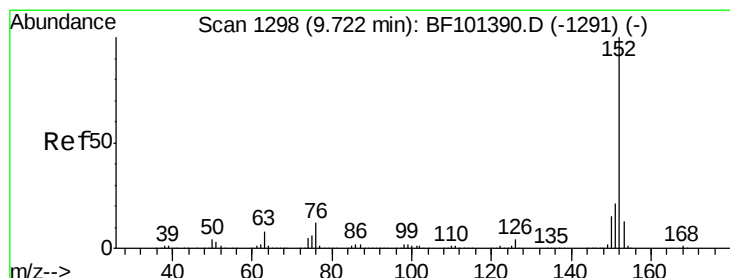
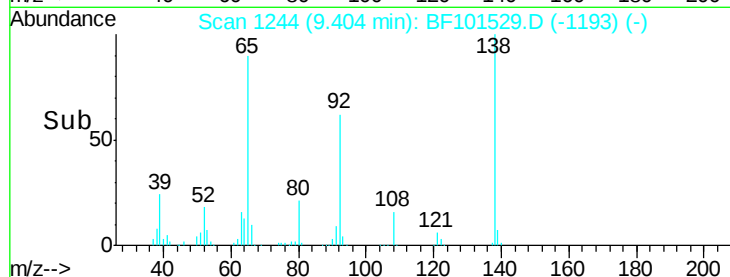
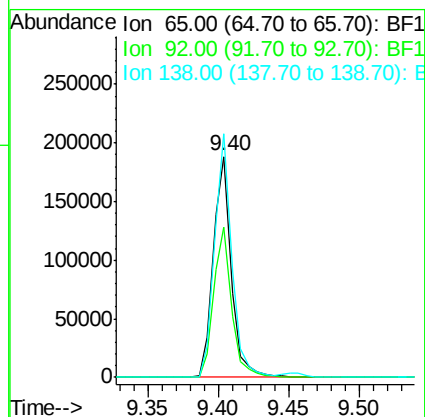
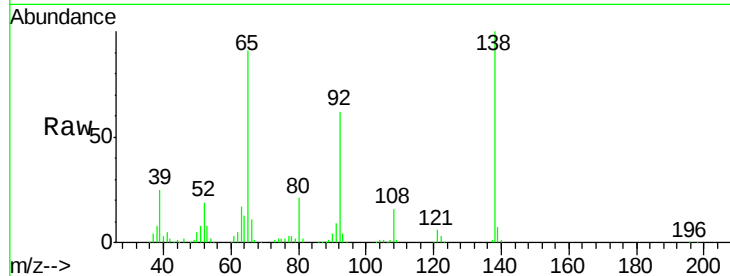
Tot Ion: 65 Resp: 166989

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

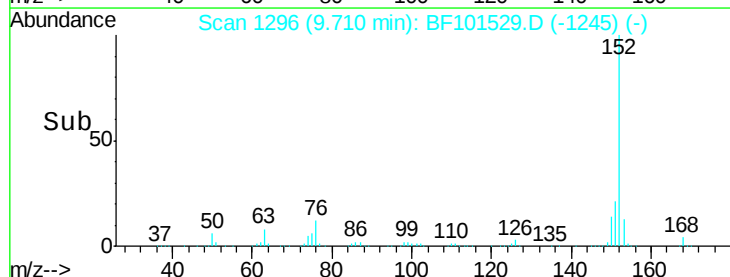
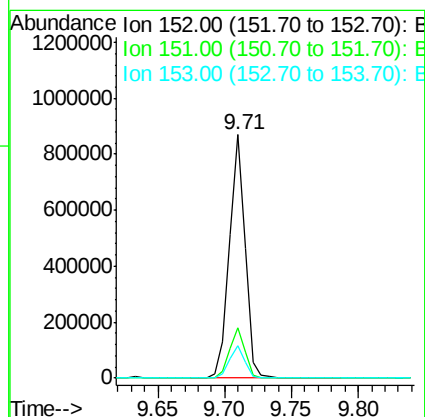
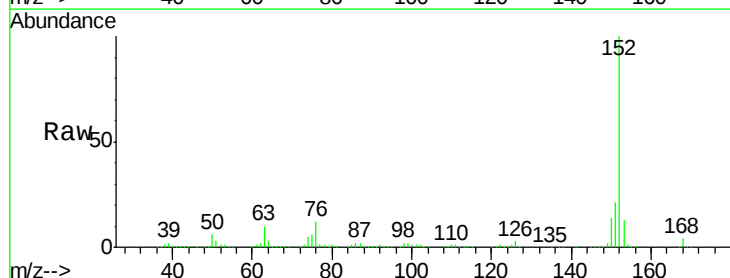
Tgt Ion: 152 Resp: 730538

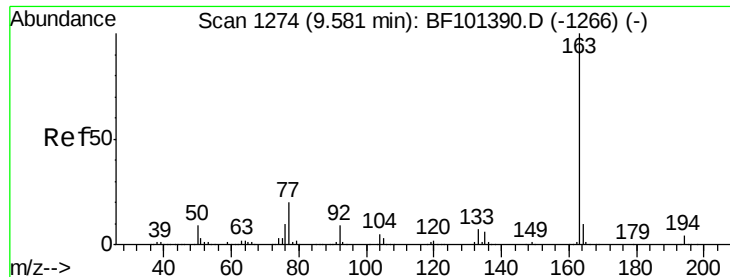
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.1 10.7 16.1

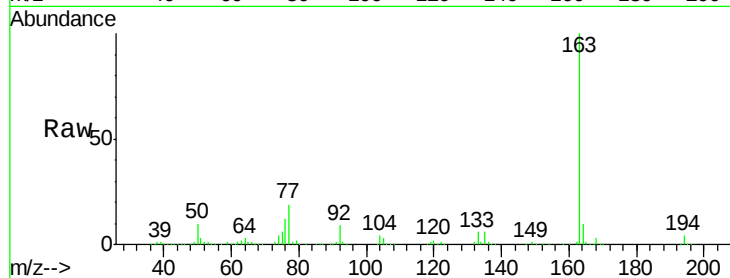




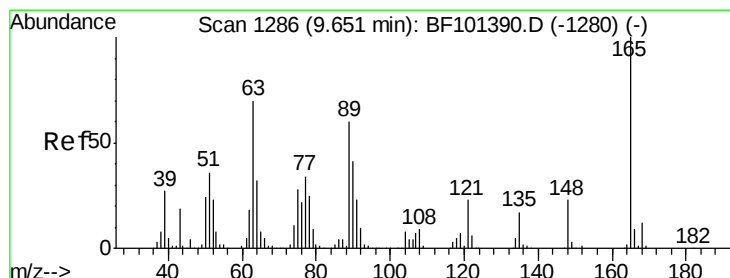
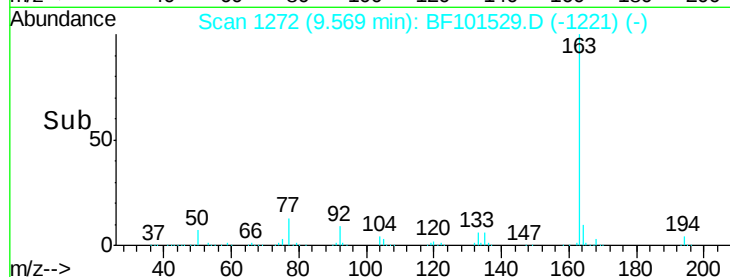
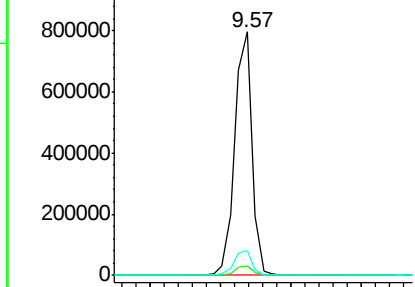
#49
Dimethylphthalate
Concen: 37.194 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

Tot Ion:163 Resp: 677056
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

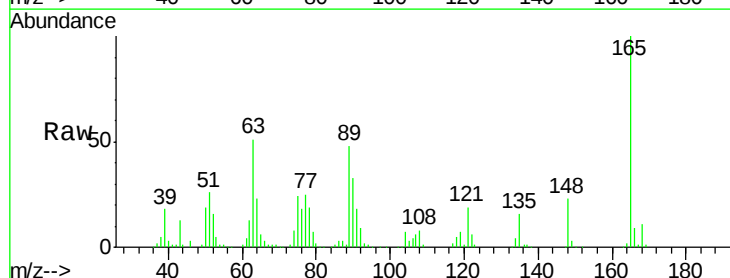


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

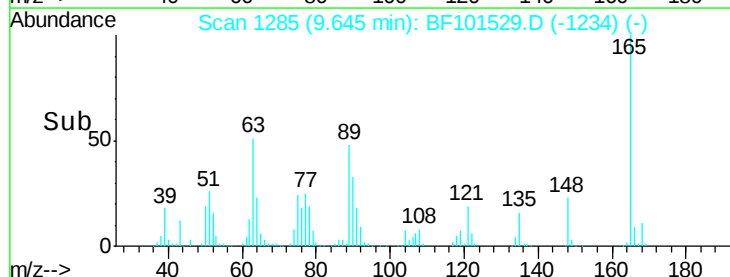
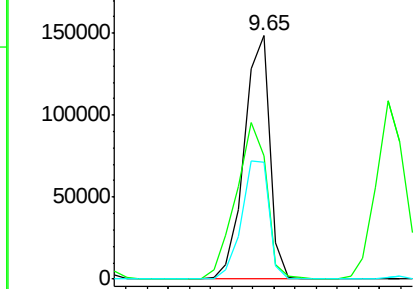


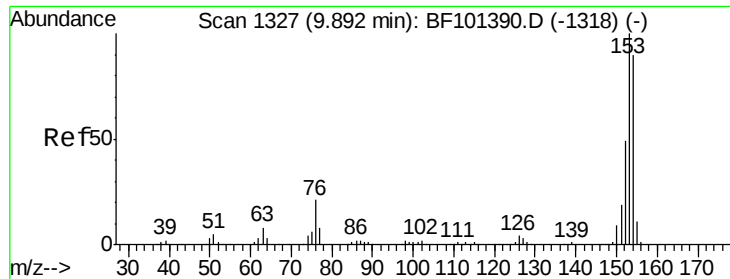
#50
2,6-Dinitrotoluene
Concen: 33.656 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt 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

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MSD

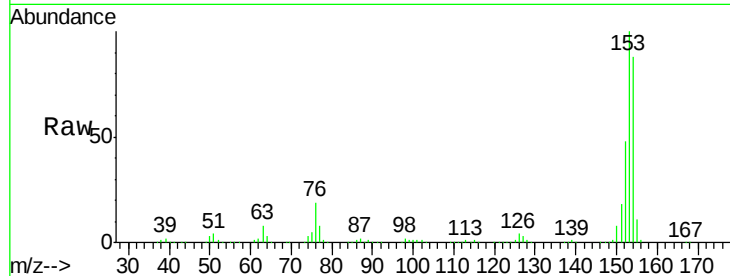
Tot Ion:154 Resp: 462526

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

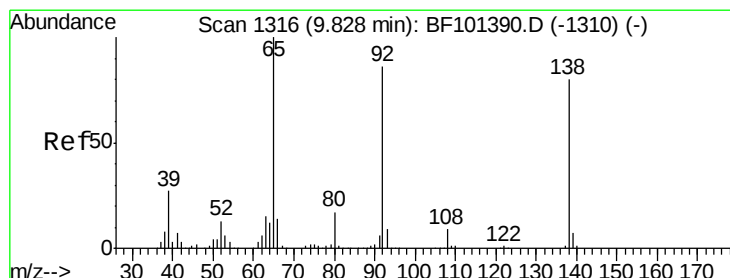
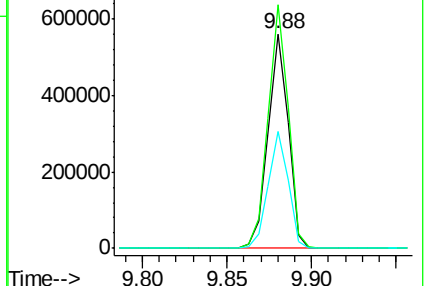
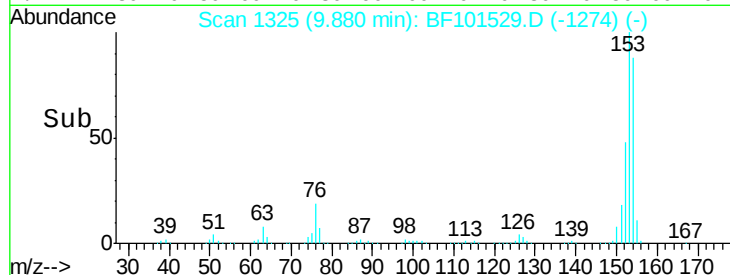
152 54.7 43.8 65.8



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

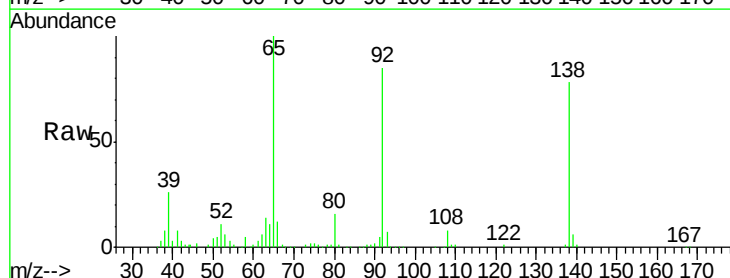
Tgt Ion:138 Resp: 106153

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

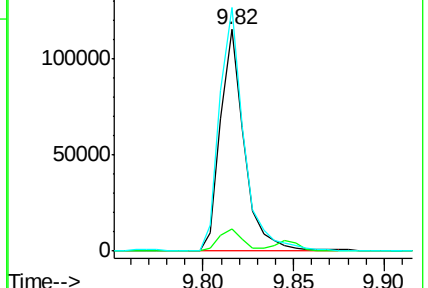
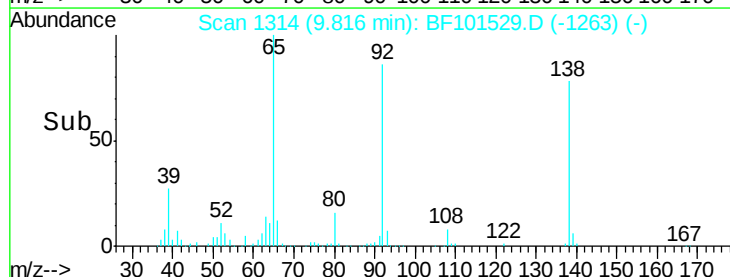
92 109.8 89.4 134.2

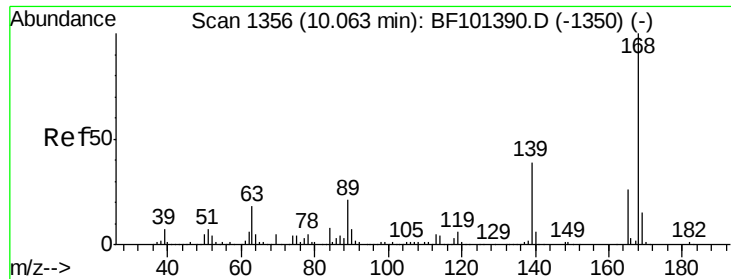


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

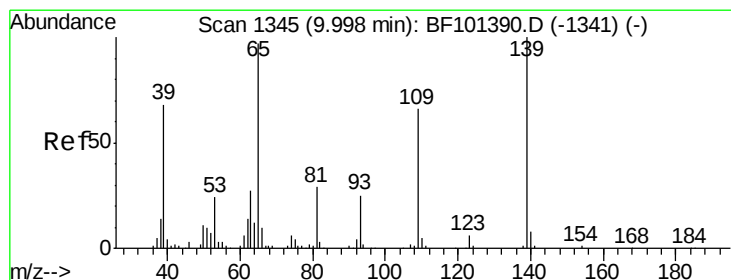
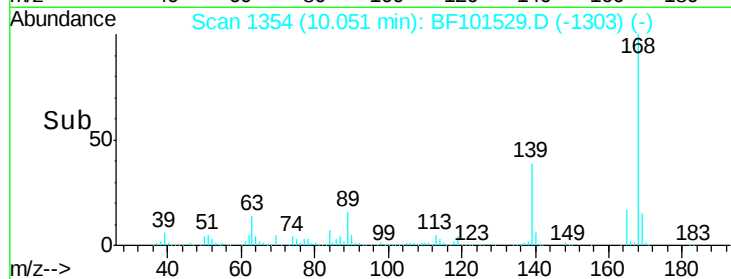
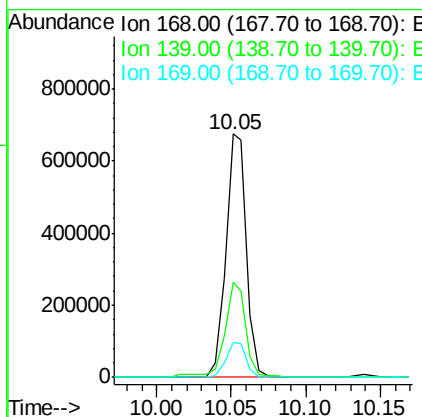
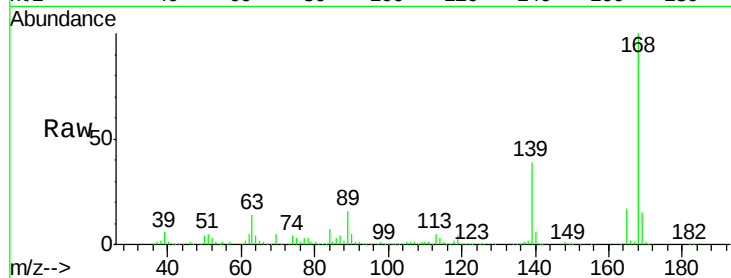




#54
Dibenzenofuran
Concen: 35.259 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

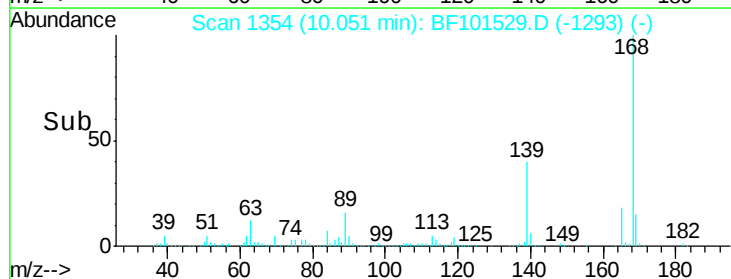
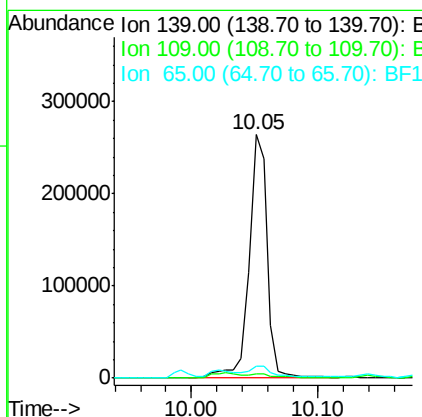
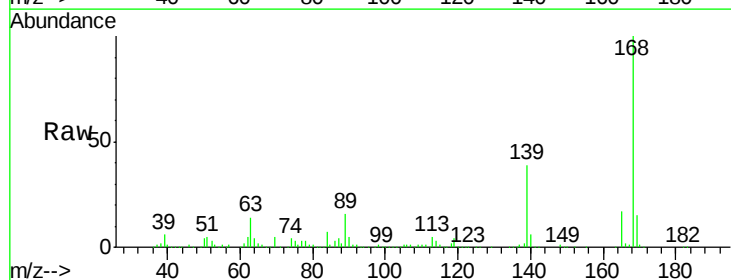
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

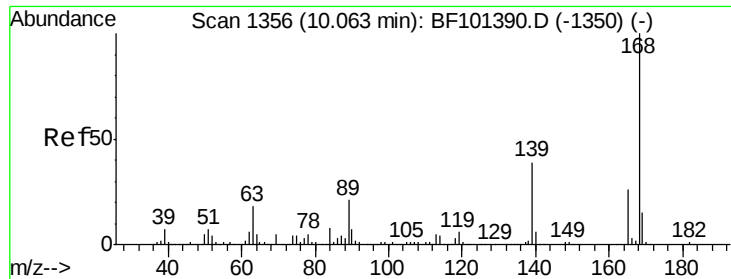
Tot Ion:168 Resp: 652982
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.5 10.9 16.3



#55
4-Nitrophenol
Concen: 132.492 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.06 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion:139 Resp: 266479
Ion Ratio Lower Upper
139 100
109 1.5 48.4 88.4#
65 4.9 72.6 112.6#

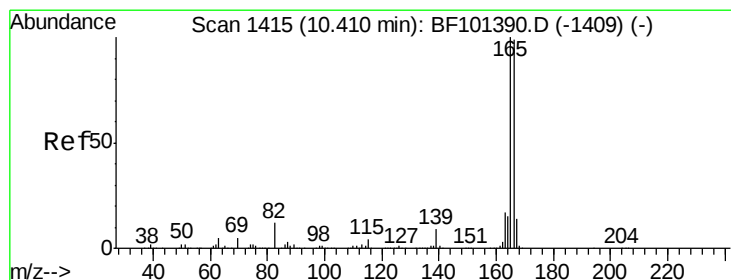
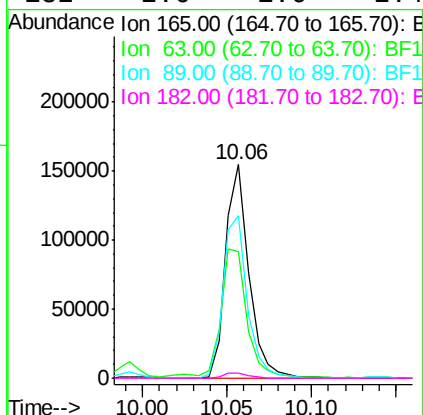
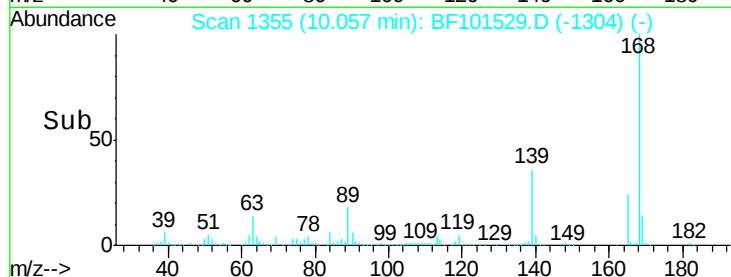
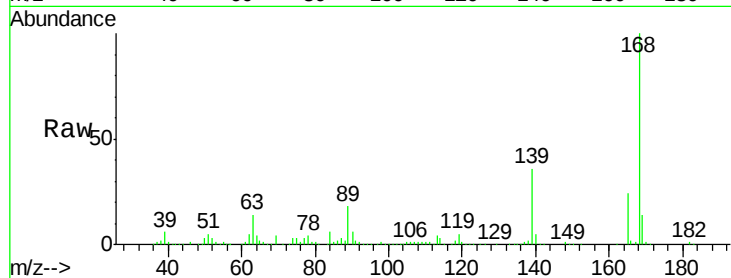




#56
2,4-Dinitrotoluene
Concen: 35.807 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

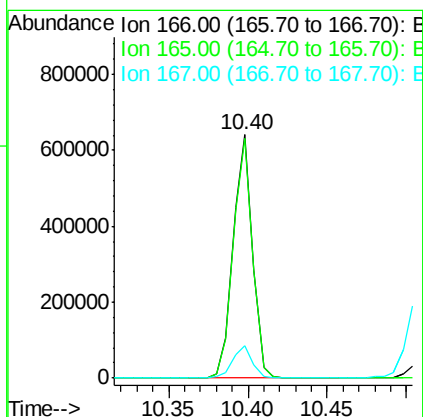
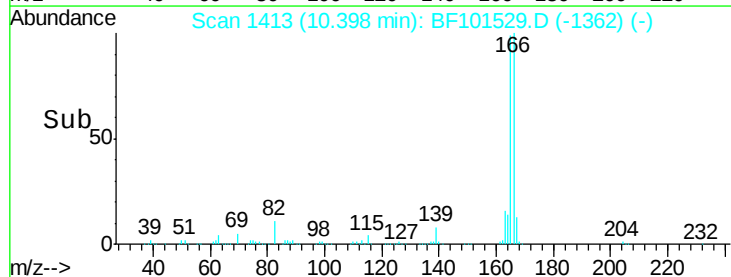
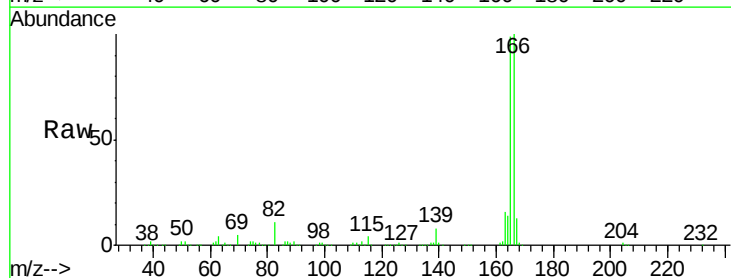
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

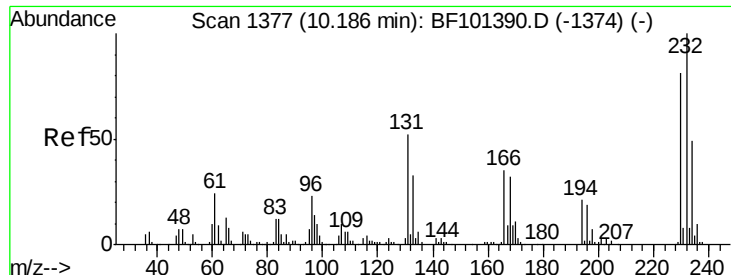
Tot Ion:165 Resp: 149257
Ion Ratio Lower Upper
165 100
63 59.6 36.4 54.6#
89 76.0 57.8 86.6
182 2.6 1.6 2.4#



#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

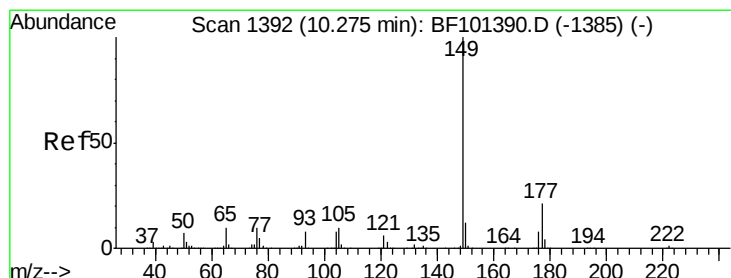
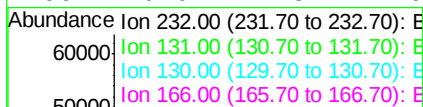
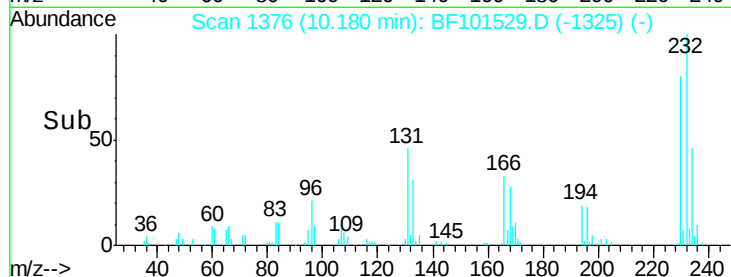
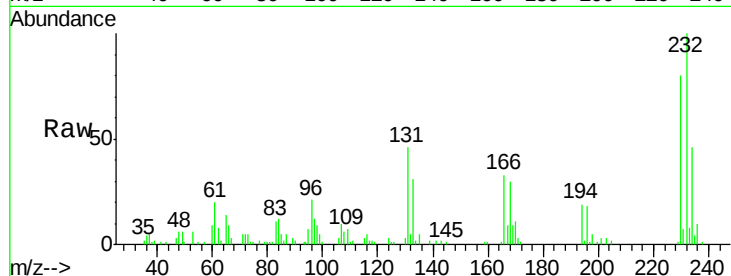
Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 2.1 2.1 3.1

166 0.0 27.8 41.6#



#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

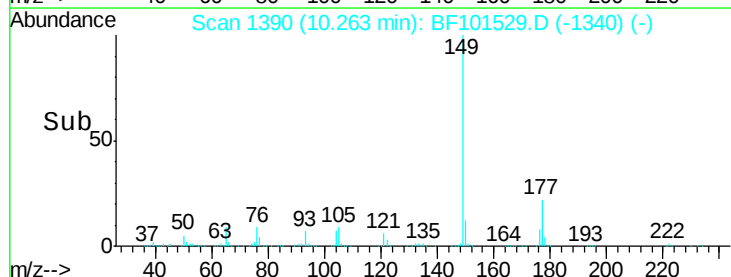
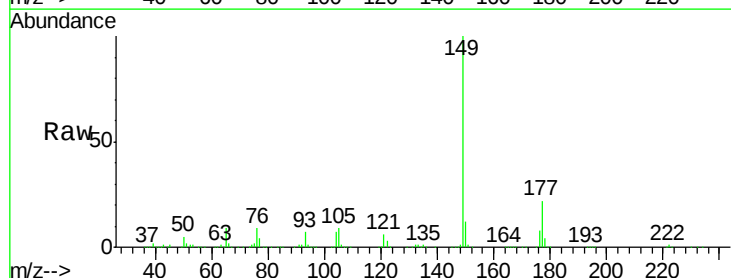
Tgt Ion:149 Resp: 556858

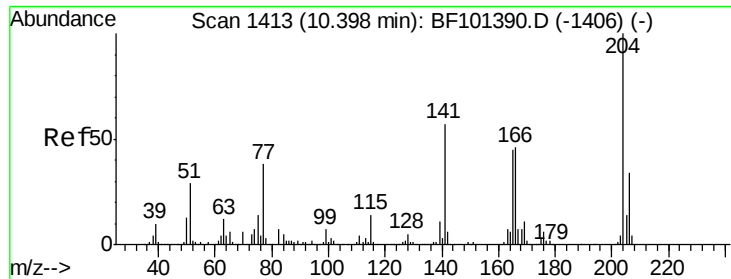
Ion Ratio Lower Upper

149 100

177 22.4 16.1 24.1

150 12.4 10.1 15.1

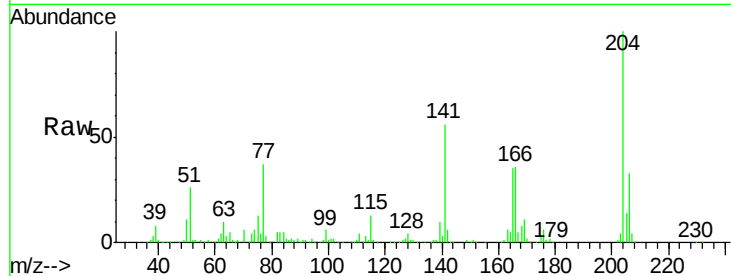




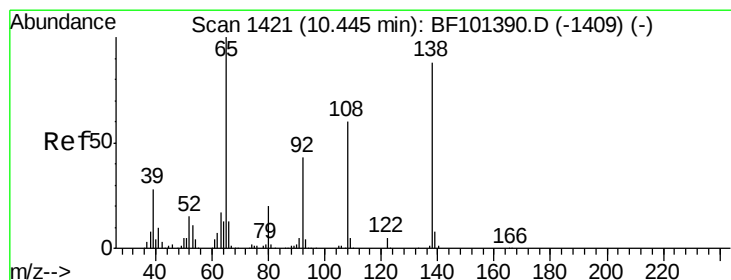
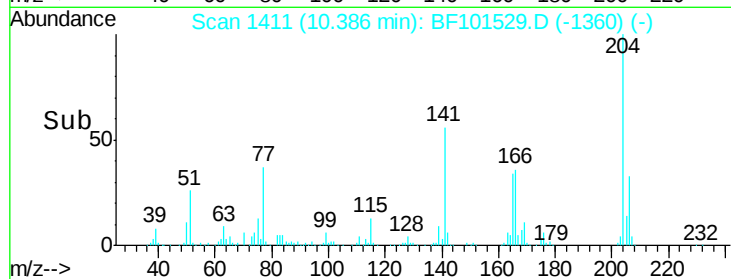
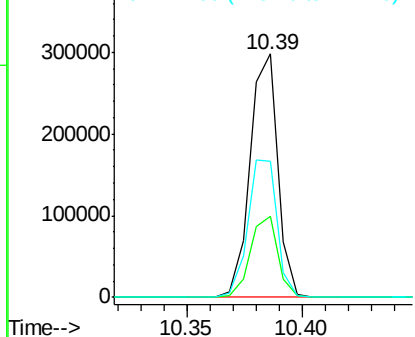
#60
4-Chlorophenyl-phenylether
Concen: 33.484 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

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

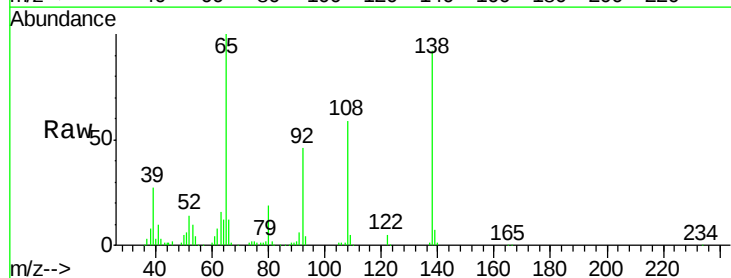


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

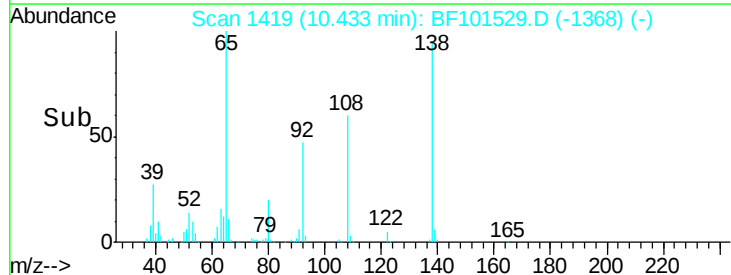
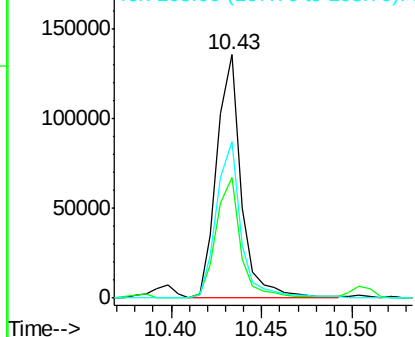


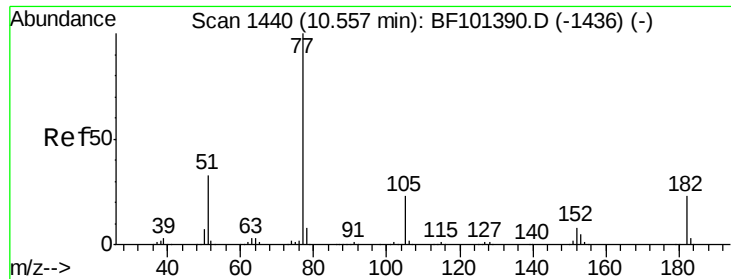
#61
4-Nitroaniline
Concen: 27.489 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

Tgt Ion	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

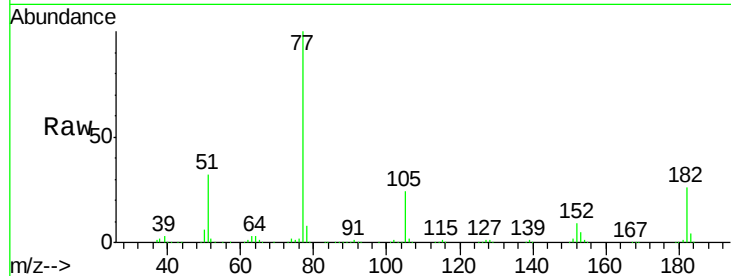
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 23.8 3.0 43.0

51 31.8 9.9 49.9

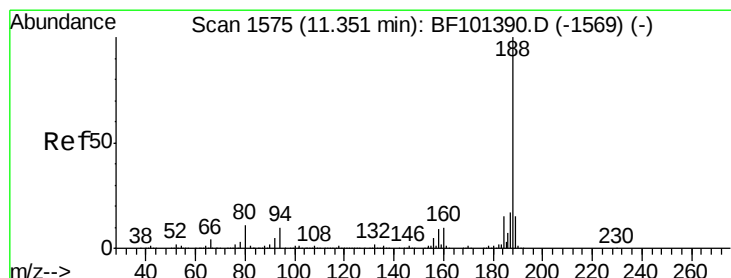
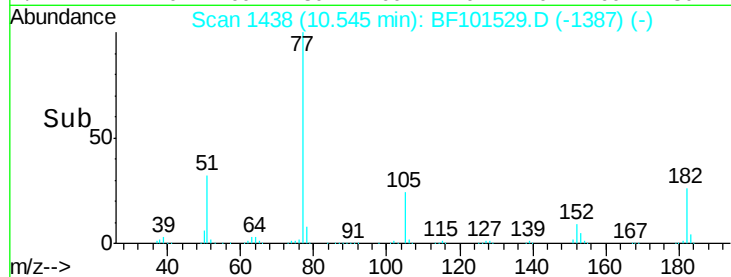
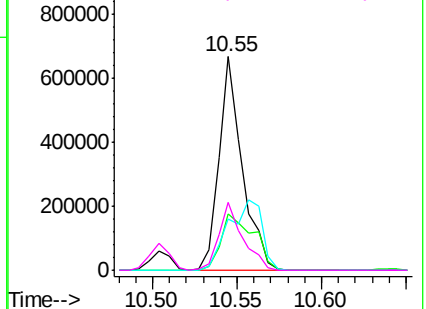


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

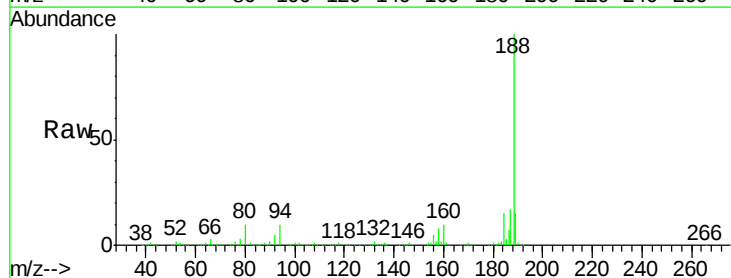
Tgt Ion: 188 Resp: 381970

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

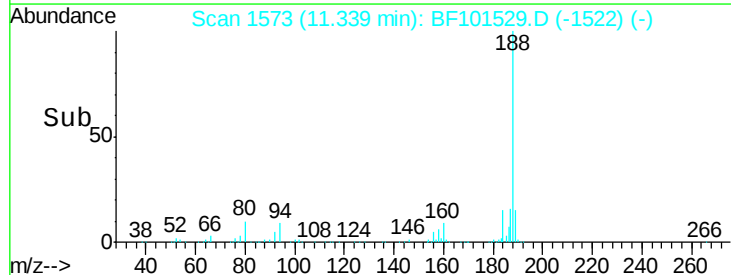
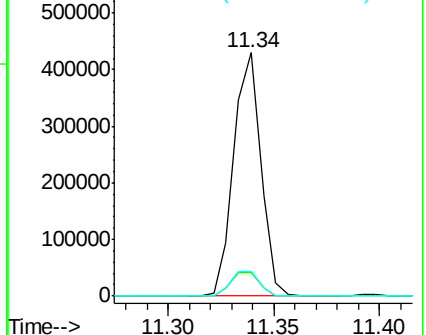
80 10.3 9.2 13.8

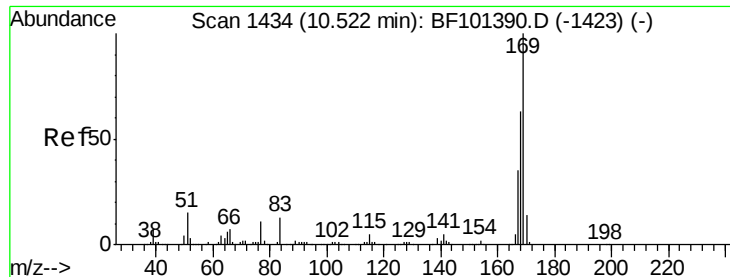


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

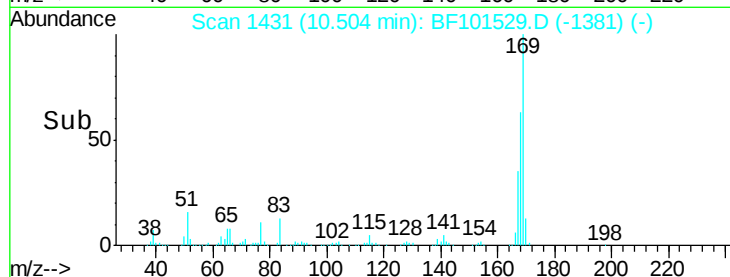
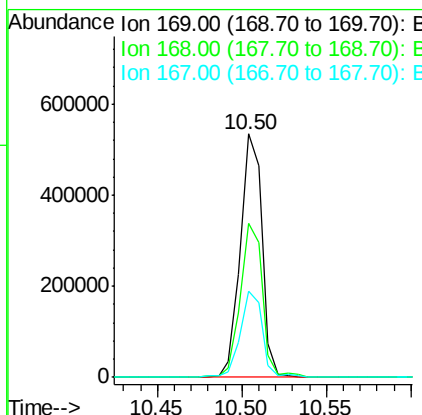
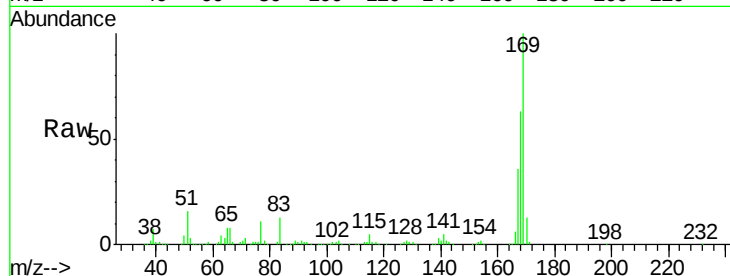




#65
n-Nitrosodiphenylamine
Concen: 33.709 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

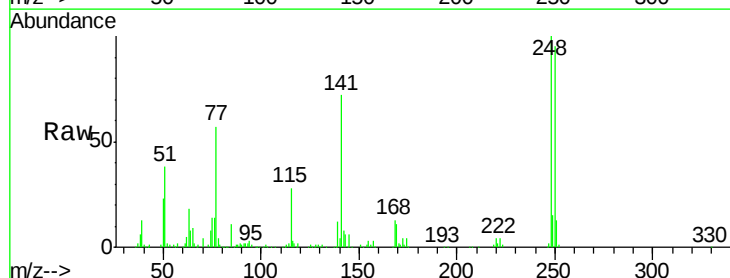
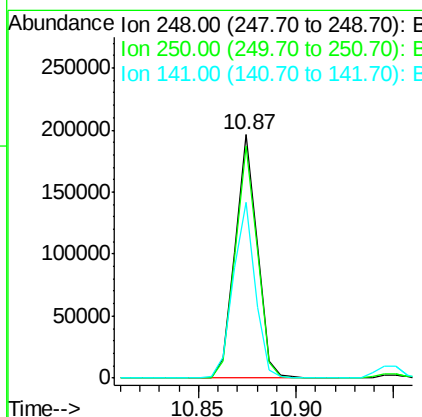
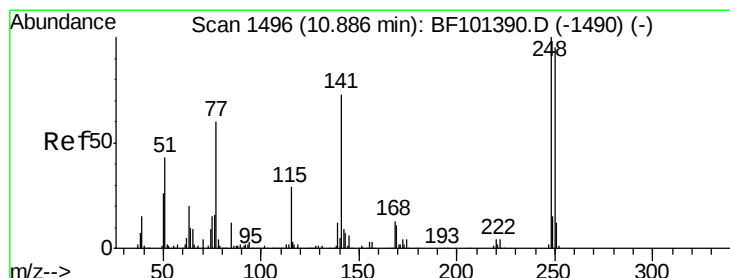
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

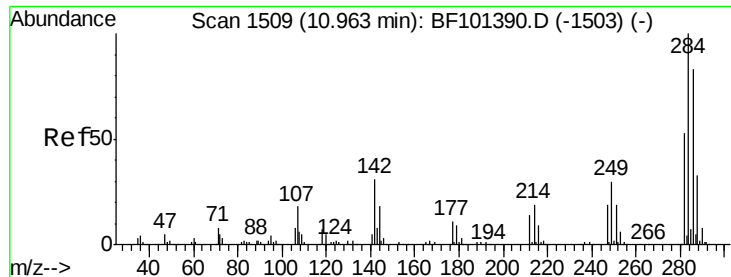
Tot Ion:169 Resp: 475440
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 35.5 29.8 44.6



#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#

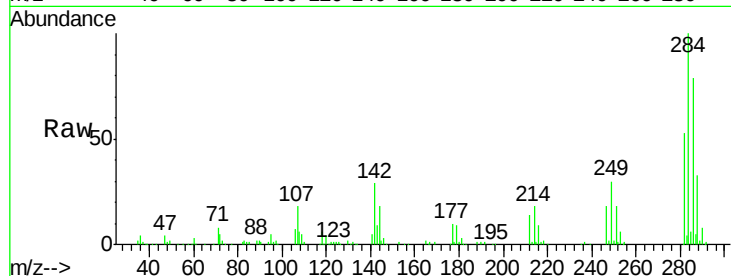




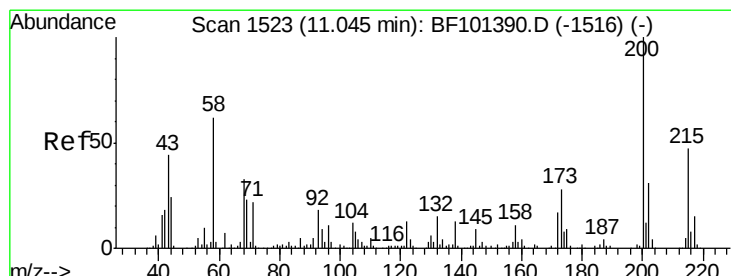
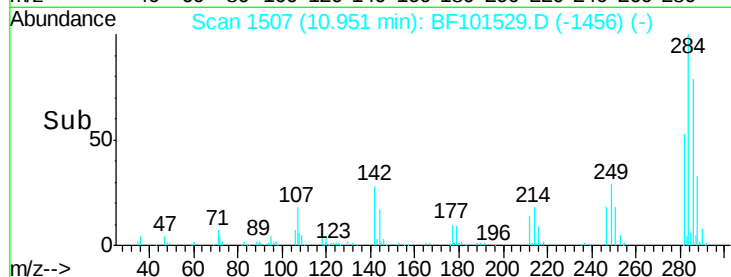
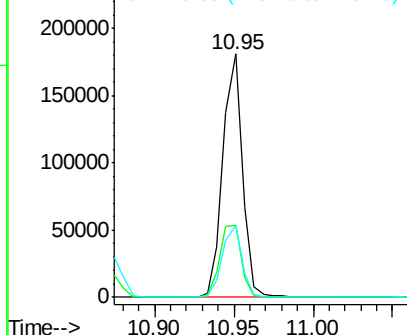
#67
Hexachlorobenzene
Concen: 34.204 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

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

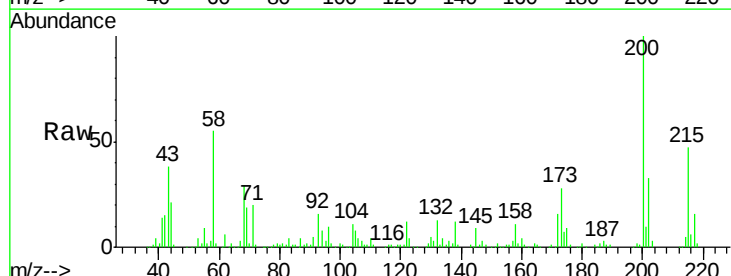


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

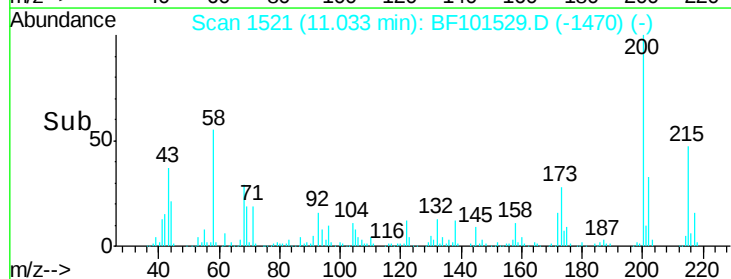
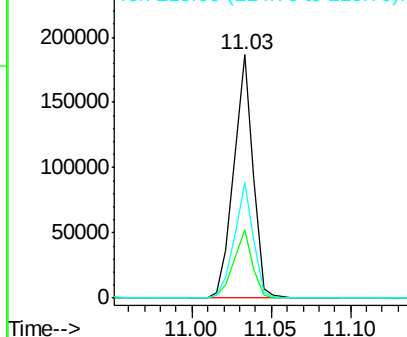


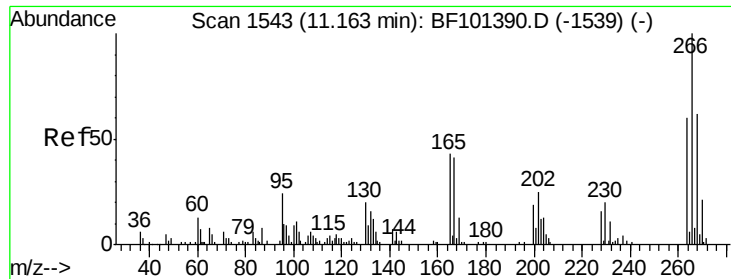
#68
Atrazine
Concen: 37.630 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

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

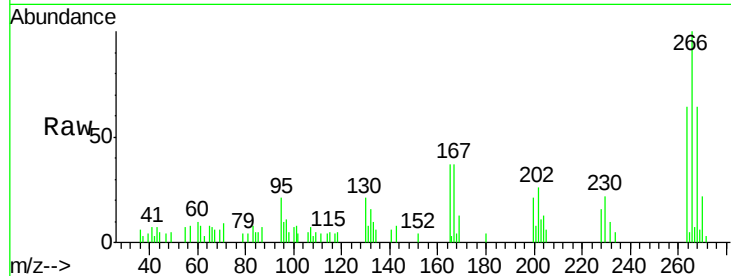




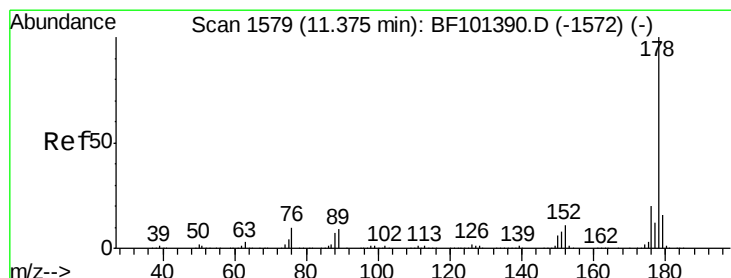
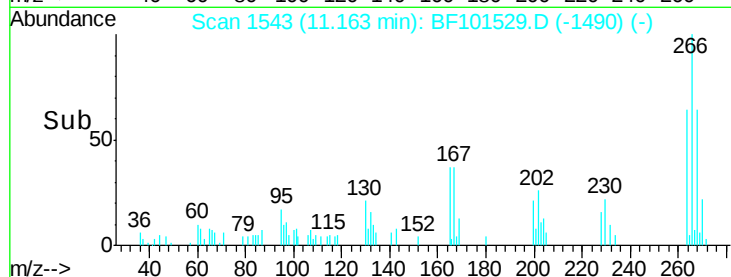
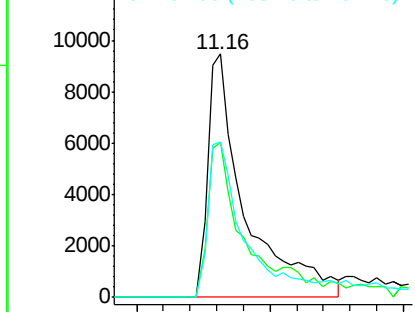
#69
 Pentachlorophenol
 Concen: 16.218 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

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

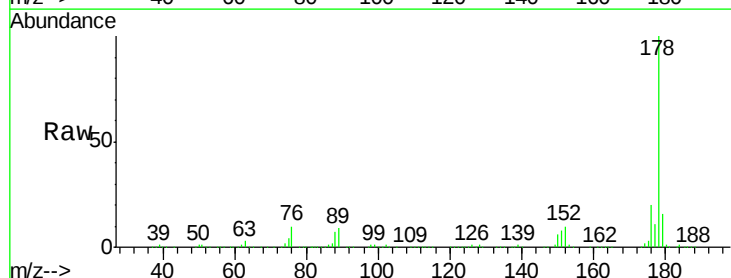


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

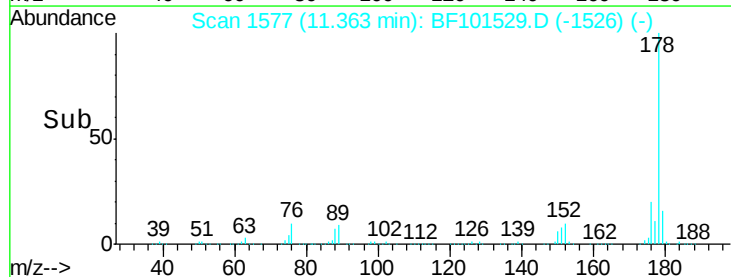
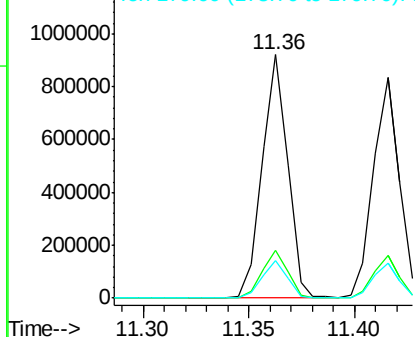


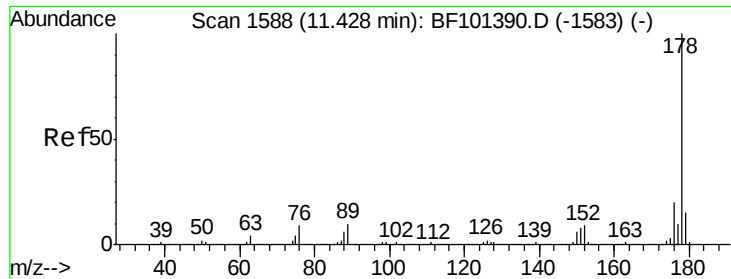
#70
 Phenanthrene
 Concen: 36.669 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

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



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





#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

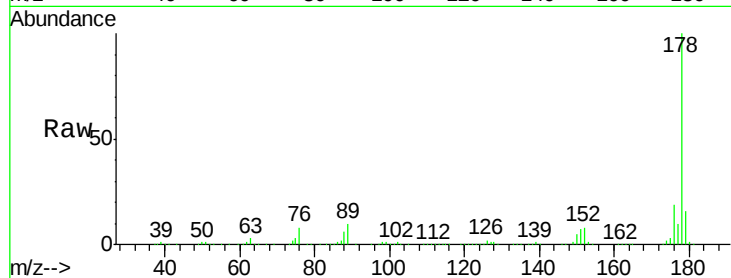
Tot Ion:178 Resp: 731857

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

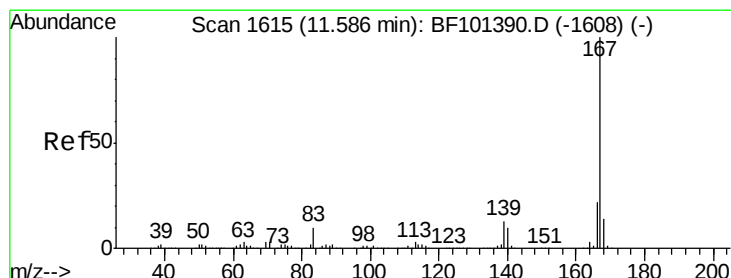
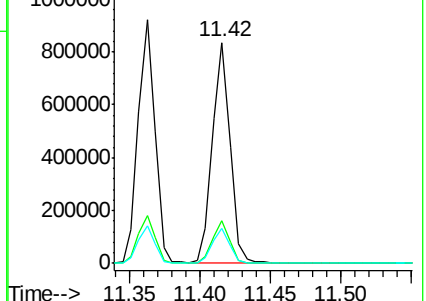
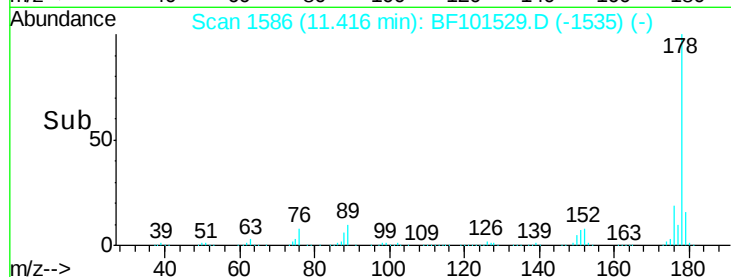
179 15.6 12.6 19.0



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

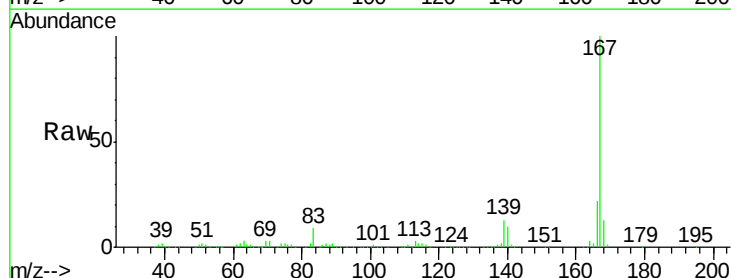
Tgt Ion:167 Resp: 631102

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

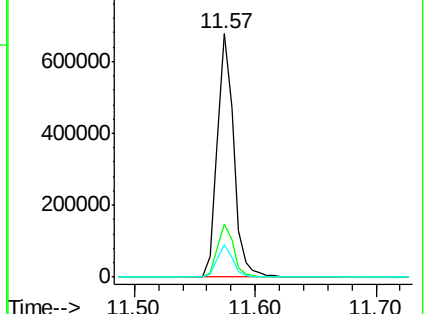
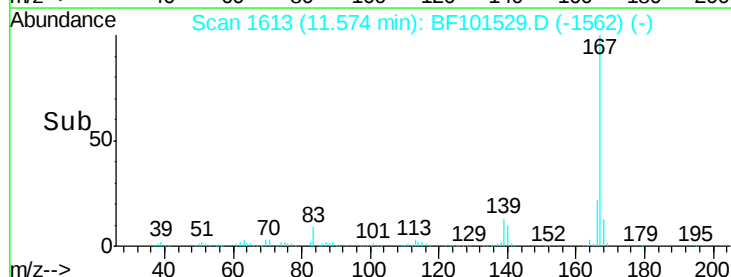
139 13.1 10.9 16.3

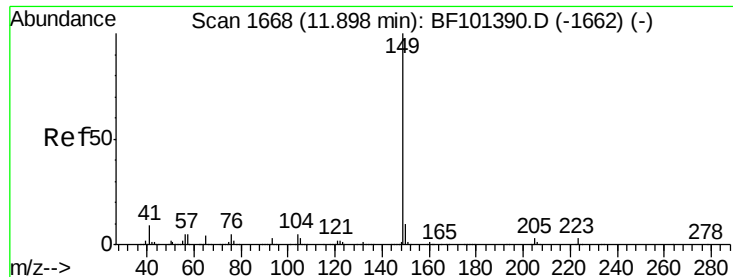


Abundance Ion 167.00 (166.70 to 167.70): E

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

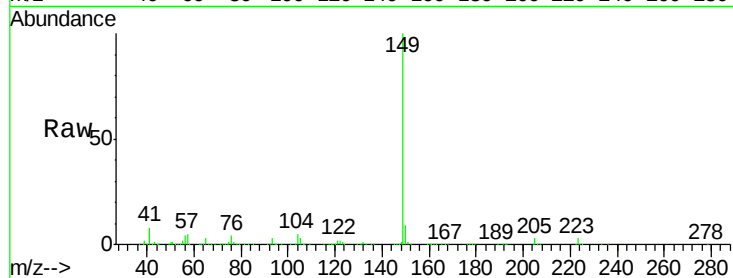
Tot Ion:149 Resp: 825913

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

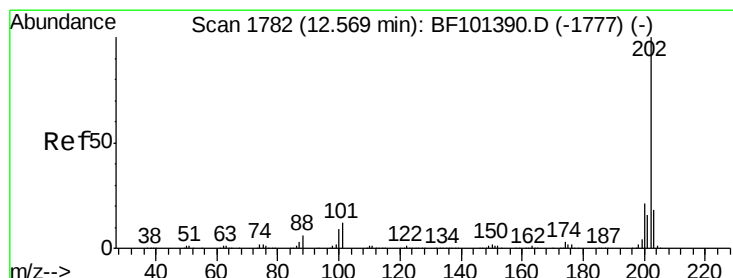
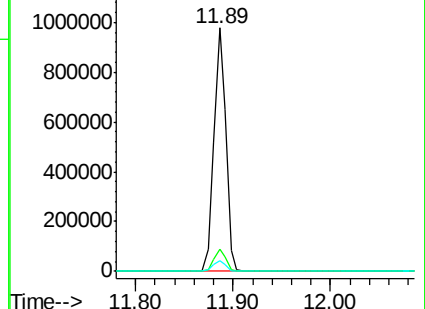
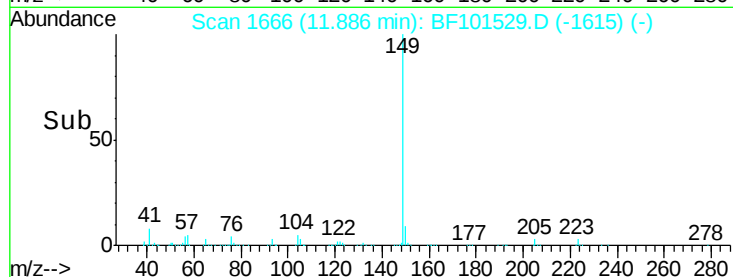
104 4.6 3.8 5.8



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

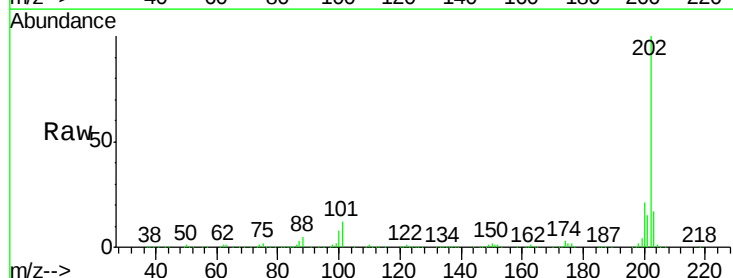
Tgt Ion:202 Resp: 655022

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

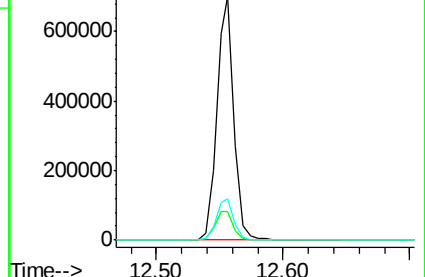
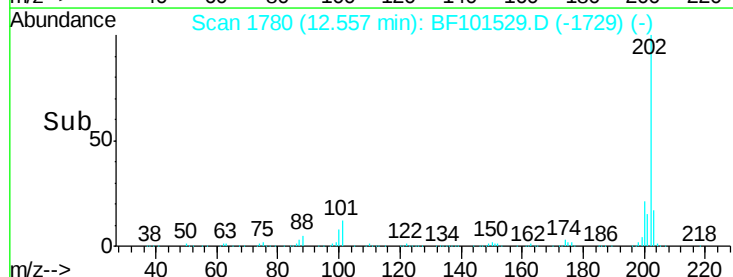
203 17.2 0.0 38.1

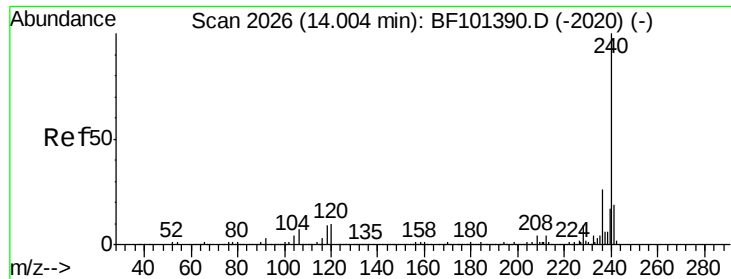


Abundance Ion 202.00 (201.70 to 202.70): E

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

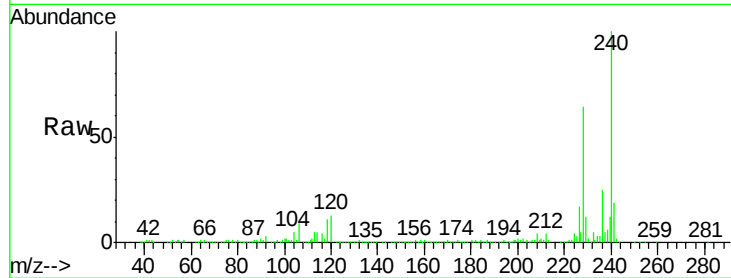
Tot Ion:240 Resp: 232444

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

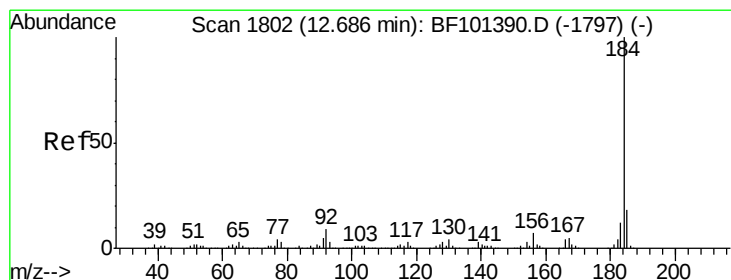
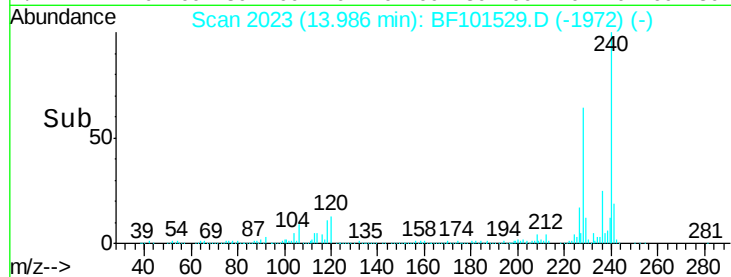
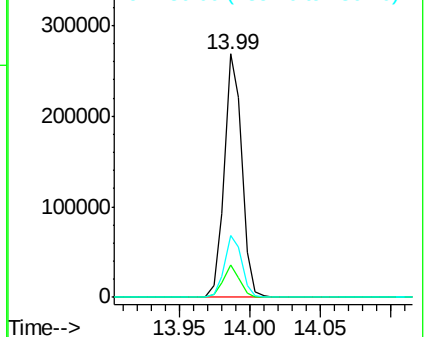
236 25.4 20.7 31.1



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

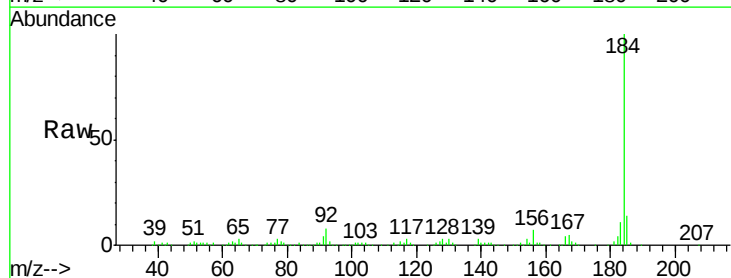
Tgt Ion:184 Resp: 211854

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

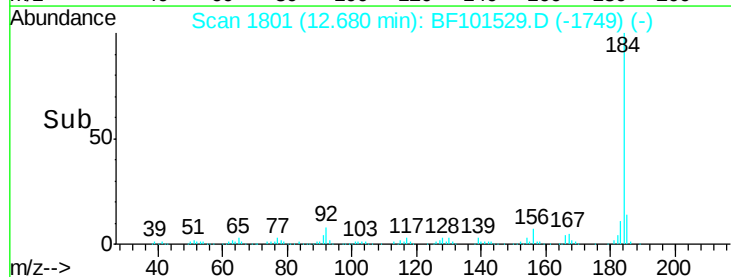
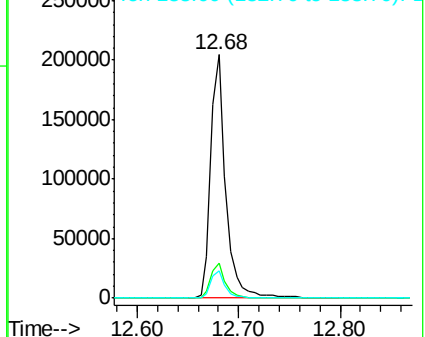
183 11.5 9.3 13.9

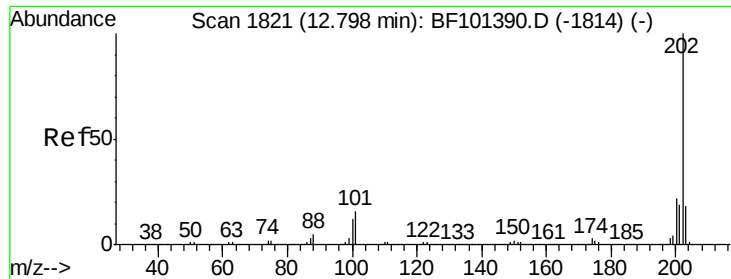


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

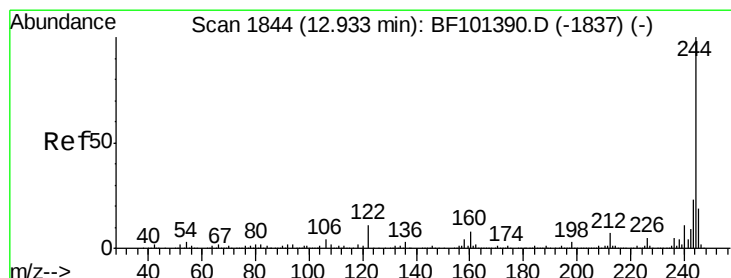
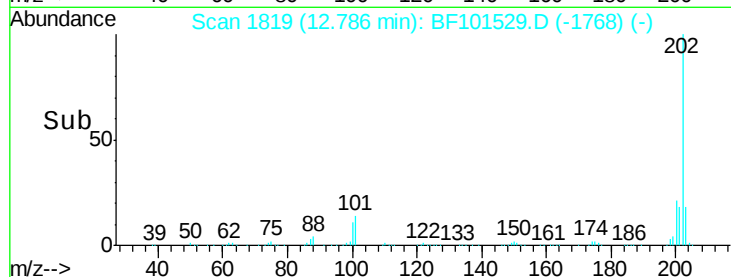
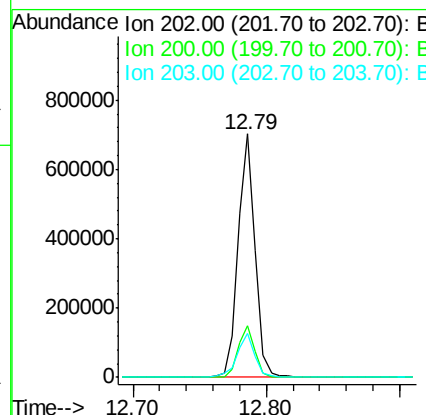
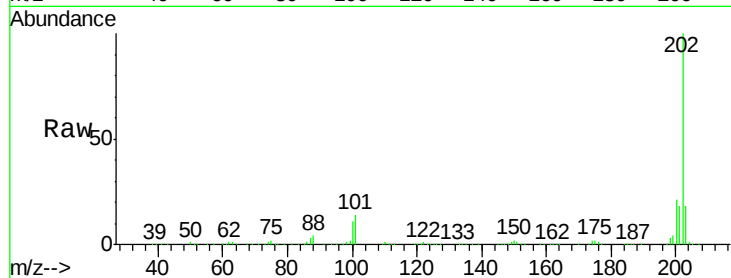




#77
Pvrene
Concen: 35.948 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

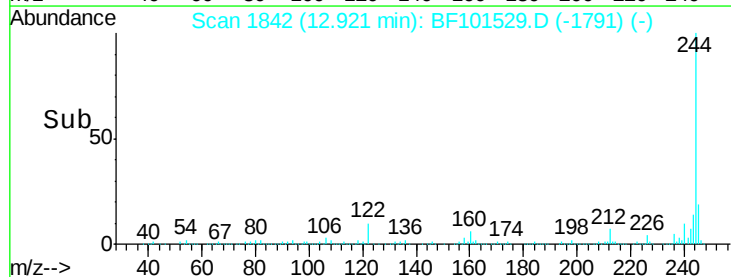
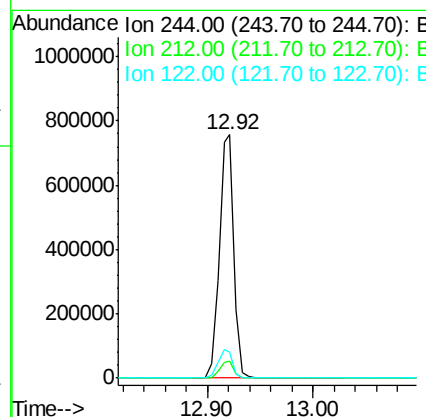
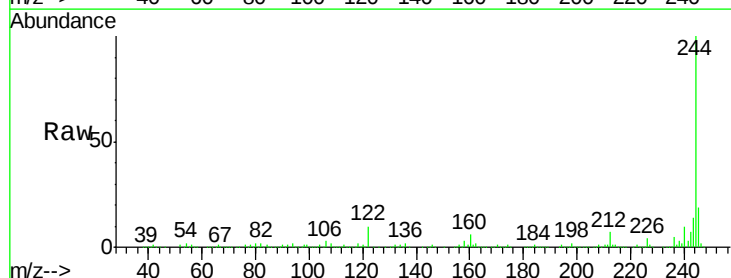
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

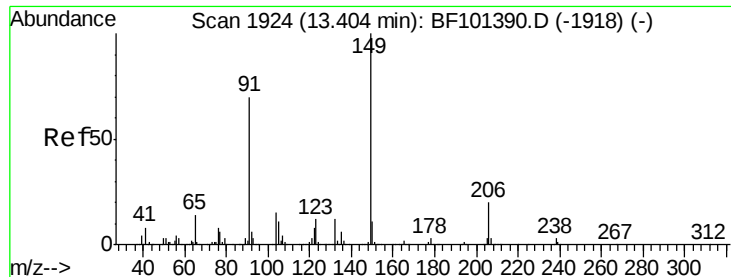
Tot Ion:202 Resp: 627106
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.9 14.3 21.5



#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#

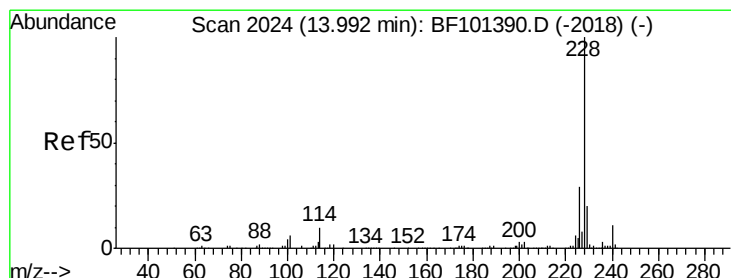
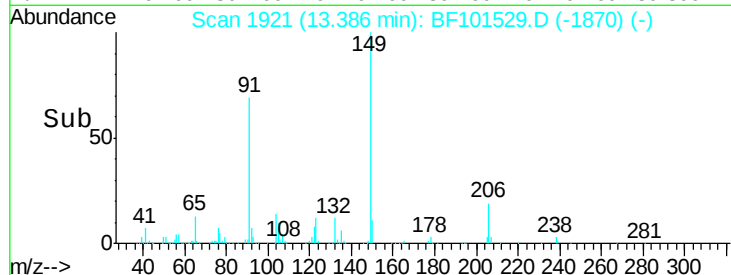
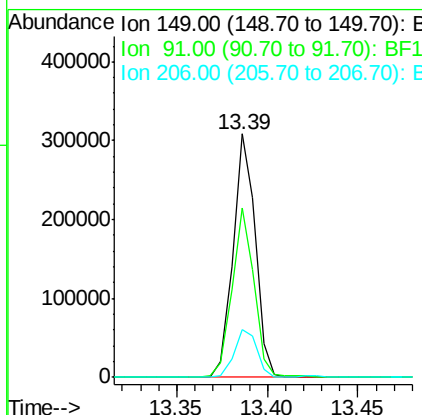
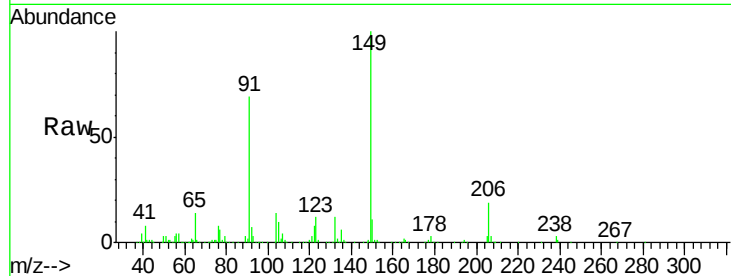




#79
Butylbenzylphthalate
Concen: 33.470 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

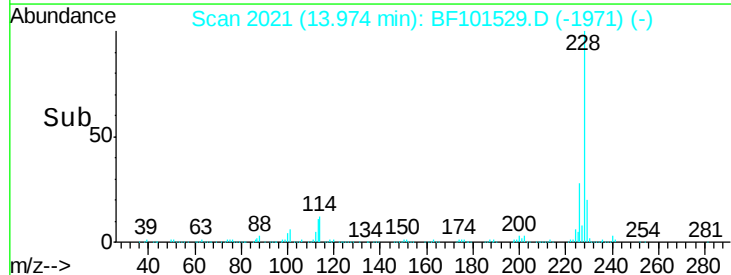
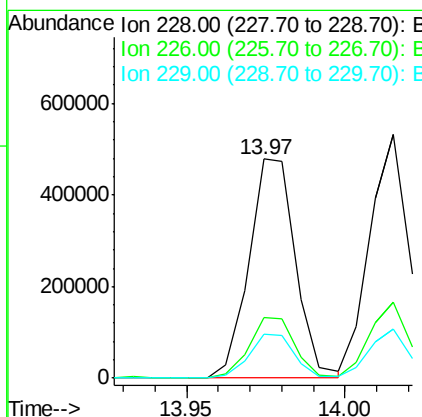
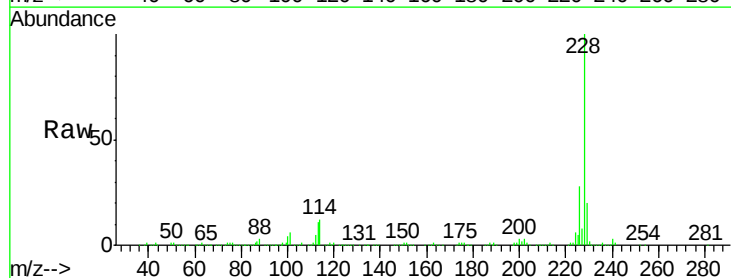
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

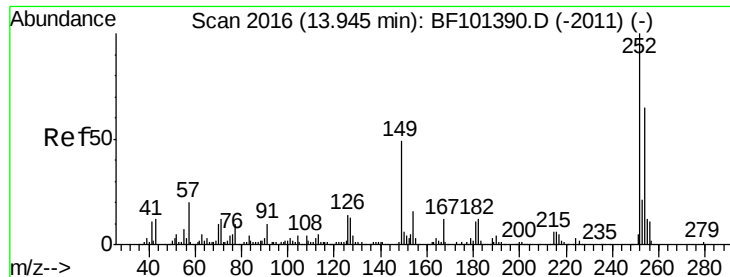
Tot Ion:	149	Resp:	264192
Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	19.5	14.1	21.1



#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:	228	Resp:	489663
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6

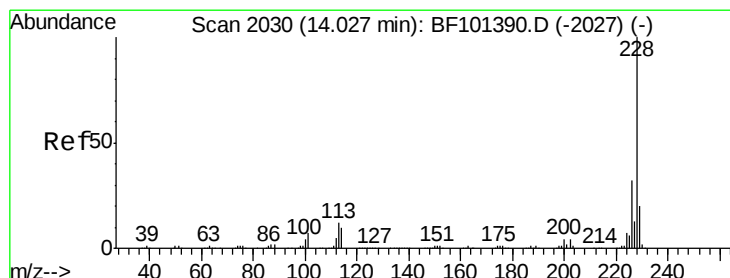
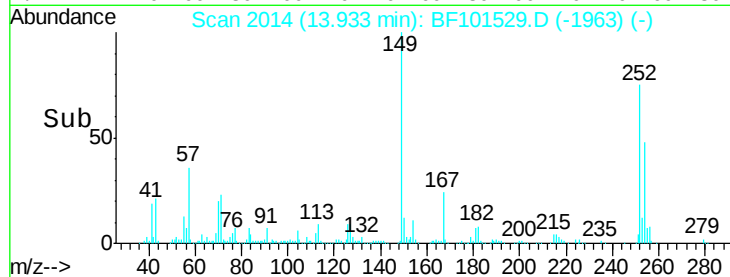
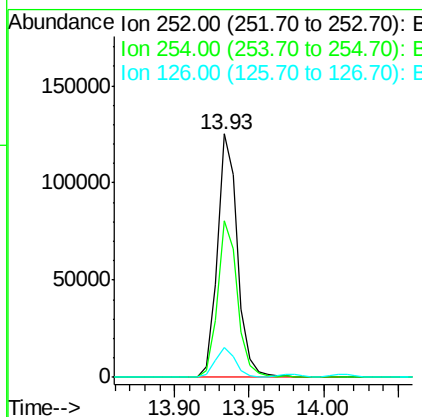
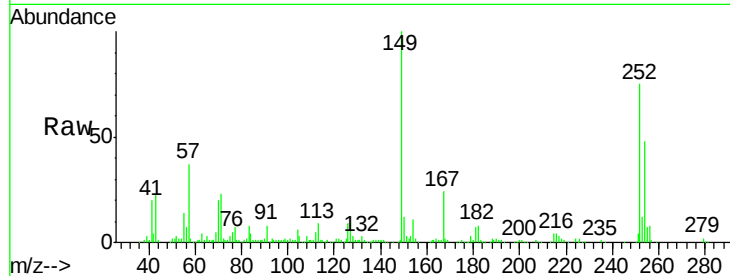




#81
 3,3'-Dichlorobenzidine
 Concen: 23.600 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

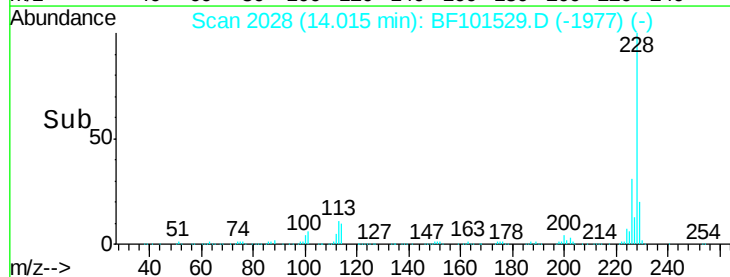
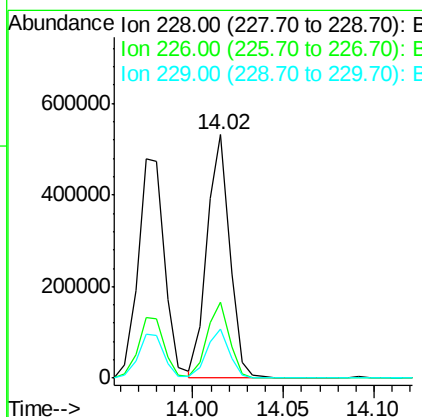
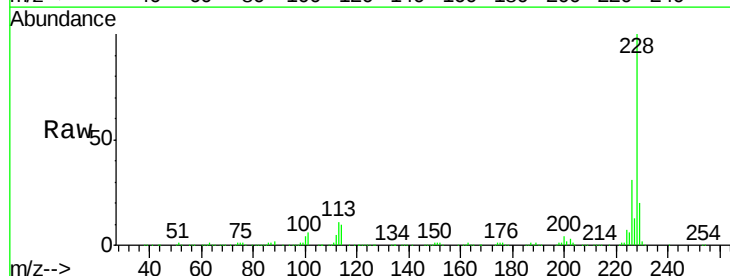
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

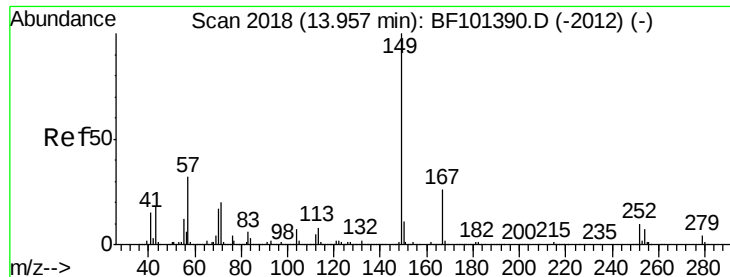
Tot Ion:252 Resp: 118112
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 12.2 11.3 16.9



#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

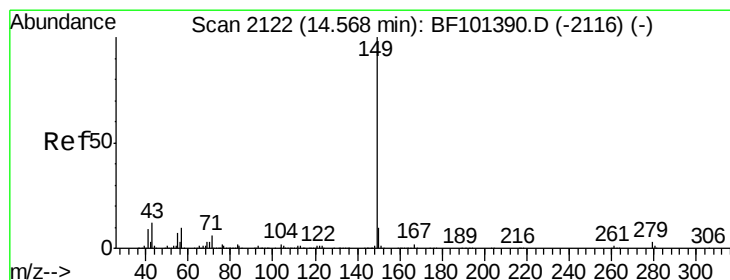
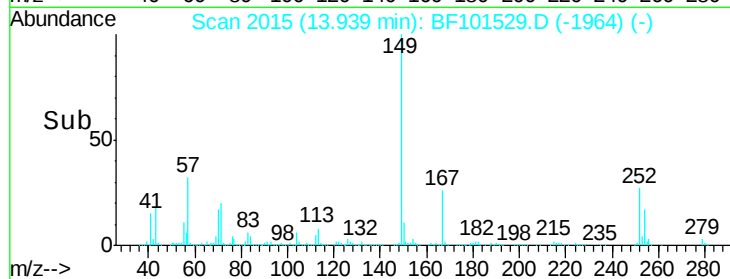
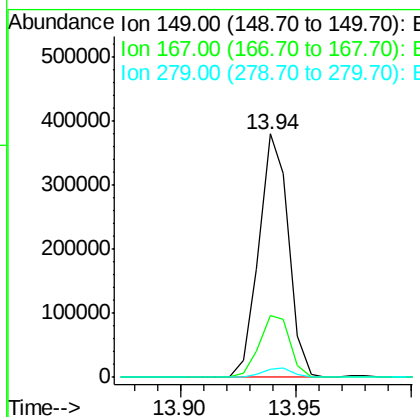
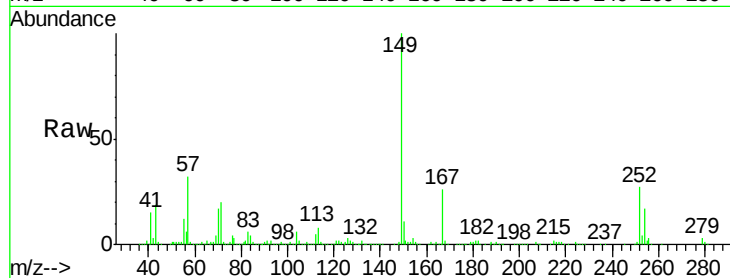




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.072 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

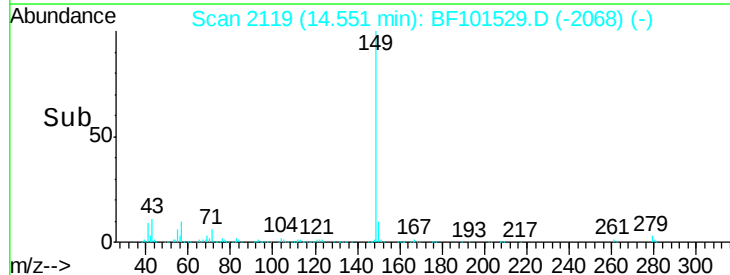
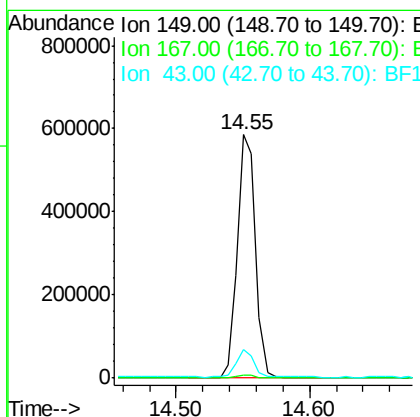
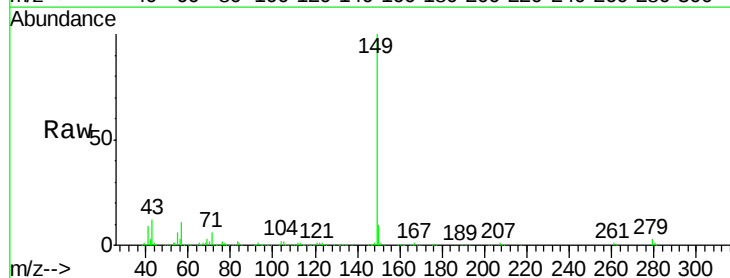
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

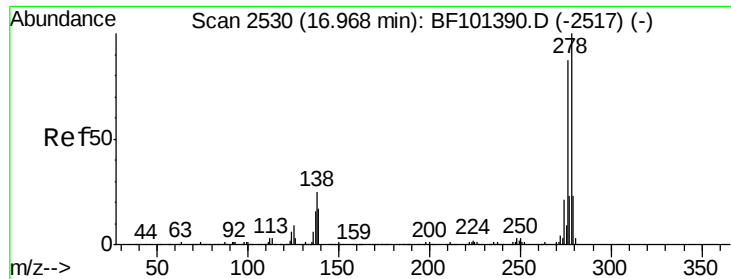
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.3	3.0	4.4



#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	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	8.4	12.6

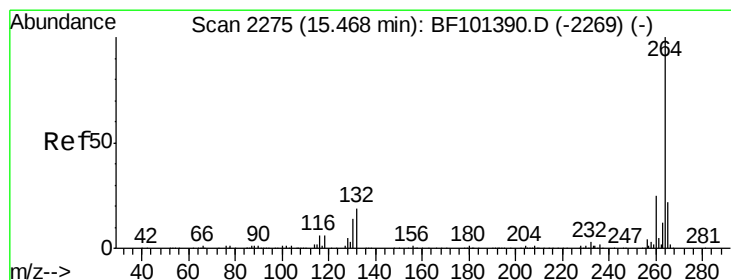
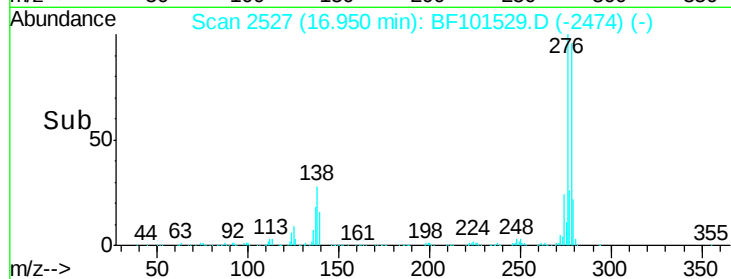
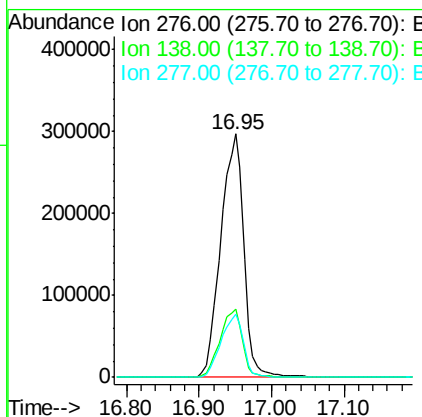
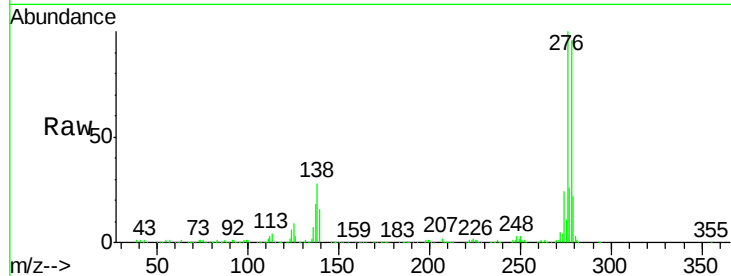




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.004 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

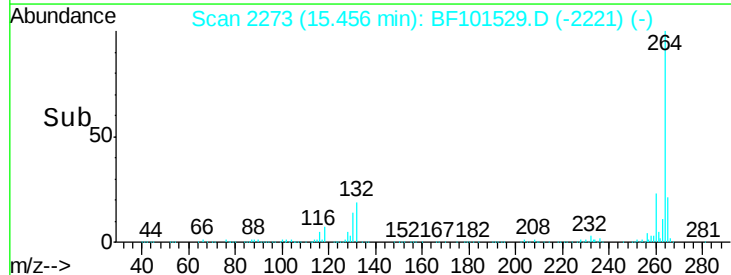
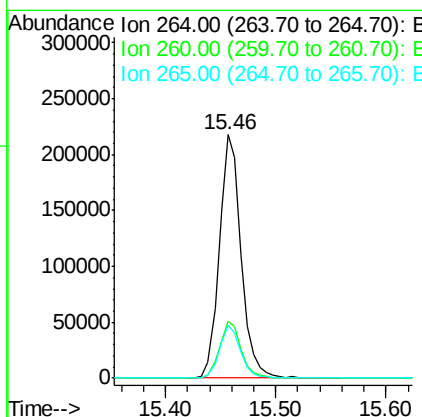
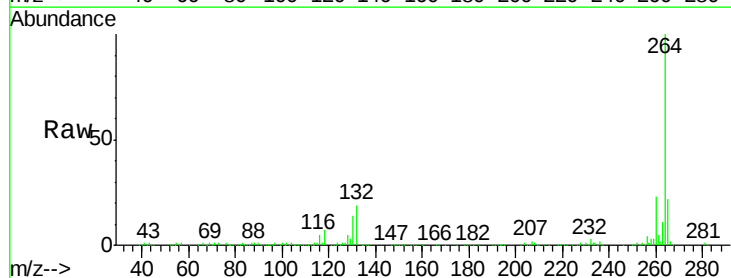
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MSD

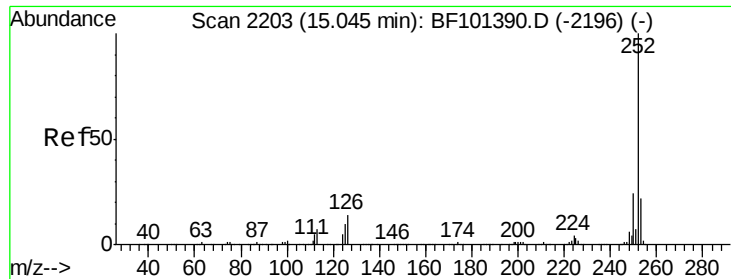
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.3	20.1	30.1



#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

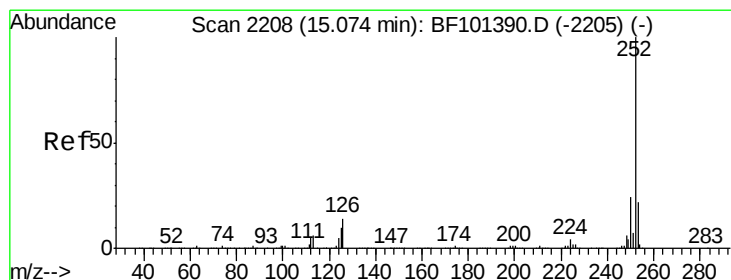
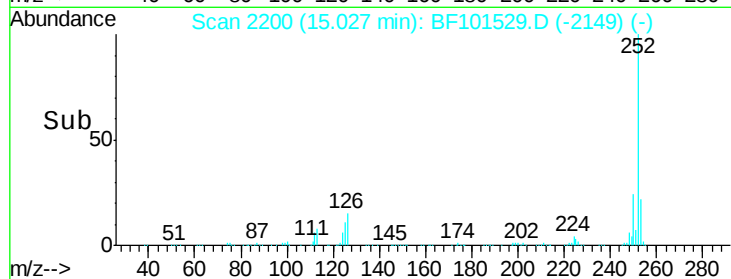
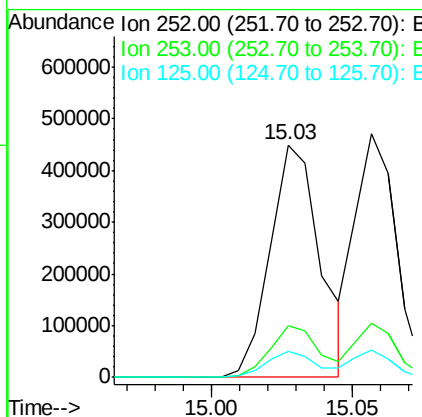
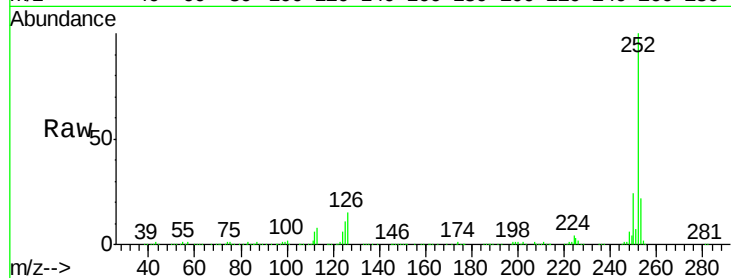




#87
Benzo(b)fluoranthene
Concen: 30.516 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

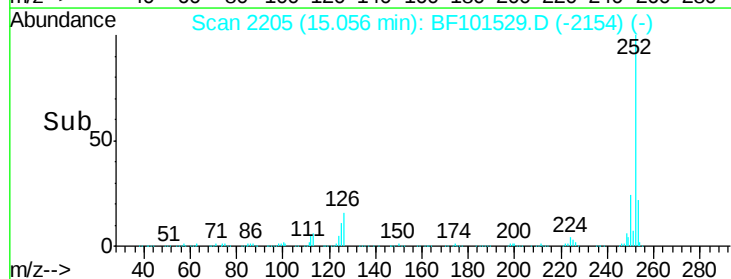
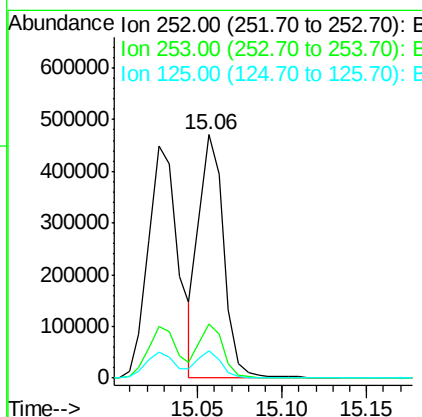
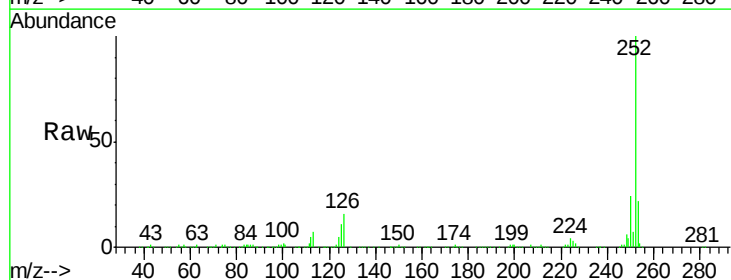
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

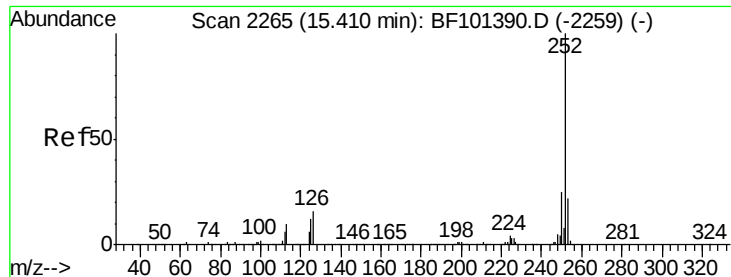
Tot Ion:252 Resp: 555017
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.0 9.0 13.6



#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

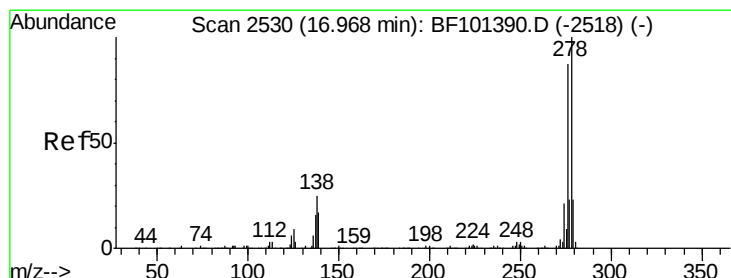
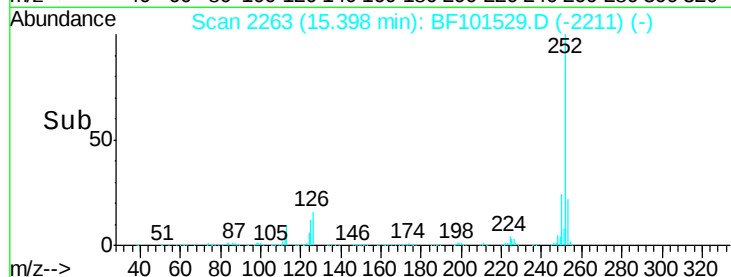
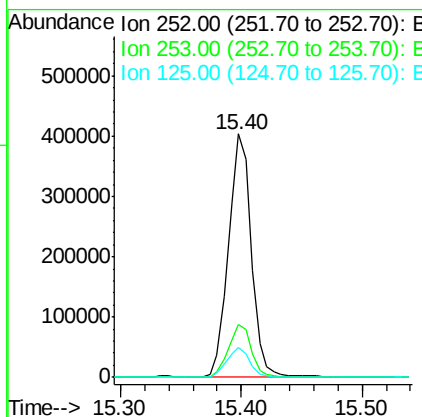
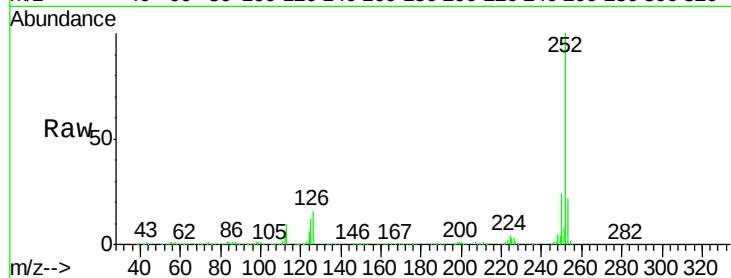




#89
Benzo(a)pyrene
Concen: 31.867 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101529.D
Acq: 19 Dec 2017 18:21

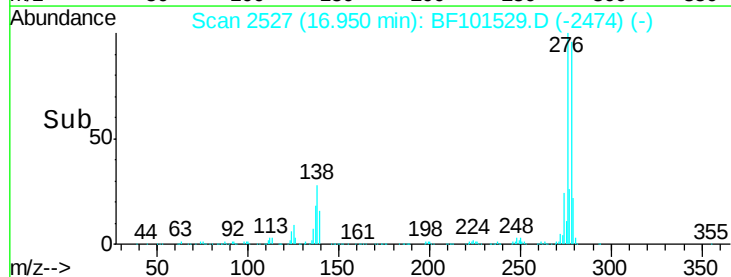
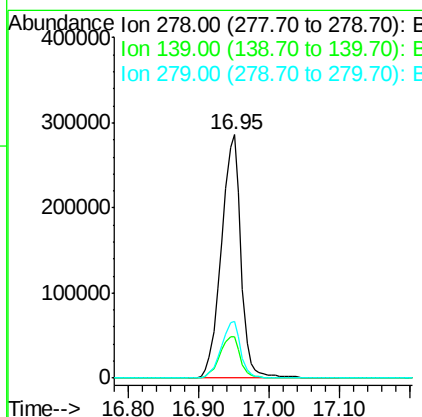
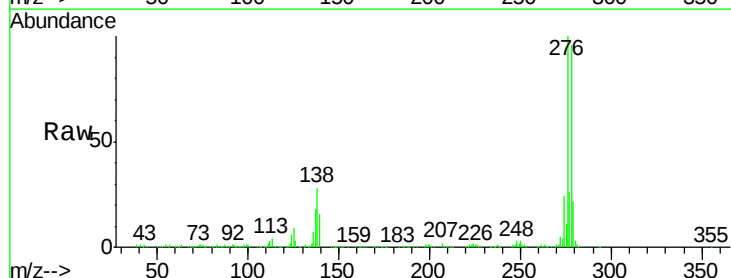
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MSD

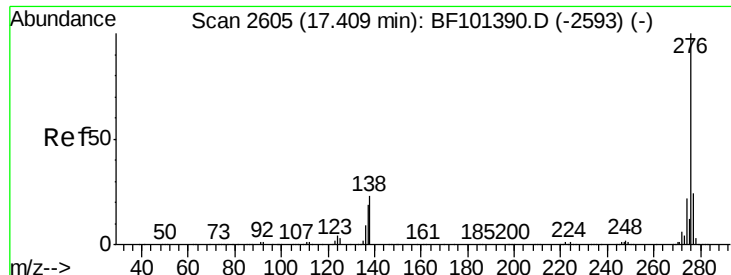
Tot Ion:252 Resp: 534300
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.2 9.8 14.6



#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:278 Resp: 552789
Ion Ratio Lower Upper
278 100
139 16.8 15.9 23.9
279 23.3 19.0 28.4

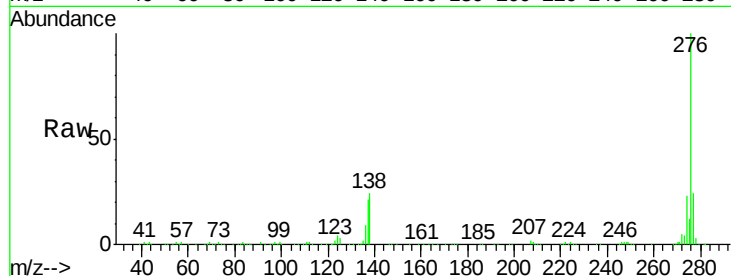




#91
 Benzo(a,h,i)perylene
 Concen: 40.148 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. 0.01 min
 Lab File: BF101529.D
 Acq: 19 Dec 2017 18:21

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

