

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101749.D
 Acq On : 27 Dec 2017 8:16
 Operator : SJ/JU
 Sample : PB105328BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Quant Time: Dec 27 10:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139964	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	532793	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210634	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	326068	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272595	20.00	ng	0.00
86) Perylene-d12	15.44	264	244351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	802294	85.38	ng	0.02
7) Phenol-d6	6.44	99	873266	74.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	787027	82.23	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	153476	75.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1262915	93.01	ng	0.00
78) Terphenyl-d14	12.90	244	902535	79.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	182871	37.876	ng	96
3) Pyridine	3.36	79	430311	32.078	ng	96
4) n-Nitrosodimethylamine	3.33	42	215443	34.882	ng	99
6) Aniline	6.46	93	442220	27.212	ng	# 68
8) 2-Chlorophenol	6.58	128	398896	40.357	ng	99
9) Benzaldehyde	6.35	77	168623	19.525	ng	98
10) Phenol	6.45	94	491734	36.894	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	398622	38.128	ng	94
12) 1,3-Dichlorobenzene	6.73	146	447616	40.125	ng	98
13) 1,4-Dichlorobenzene	6.80	146	459946	40.375	ng	99
14) 1,2-Dichlorobenzene	6.96	146	400238	39.032	ng	99
15) Benzyl Alcohol	6.95	79	291388	36.202	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	662628	41.413	ng	56
17) 2-Methylphenol	7.06	107	312984	34.424	ng	# 88
18) Hexachloroethane	7.29	117	140350	35.436	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	279942	36.452	ng	93
20) 3+4-Methylphenols	7.22	107	421432	43.741	ng	# 78
22) Acetophenone	7.20	105	542395	44.616	ng	# 96
24) Nitrobenzene	7.38	77	424030	40.029	ng	99
25) Isophorone	7.62	82	782130	40.735	ng	98
26) 2-Nitrophenol	7.70	139	194809	42.806	ng	98
27) 2,4-Dimethylphenol	7.73	122	341736	44.201	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	496867	40.738	ng	98
29) 2,4-Dichlorophenol	7.95	162	325857	42.661	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	331095	41.075	ng	98
31) Naphthalene	8.09	128	1070306	39.903	ng	99
32) Benzoic acid	7.89	122	172126	35.522	ng	96
33) 4-Chloroaniline	8.16	127	303477	26.031	ng	99
34) Hexachlorobutadiene	8.20	225	193261	41.454	ng	98
35) Caprolactam	8.54	113	107157	40.402	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	318149	37.896	ng	97
37) 2-Methylnaphthalene	8.79	142	686327	39.274	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	325645	45.791	ng	96
40) Hexachlorocyclopentadiene	8.93	237	4904	15.947	ng	94

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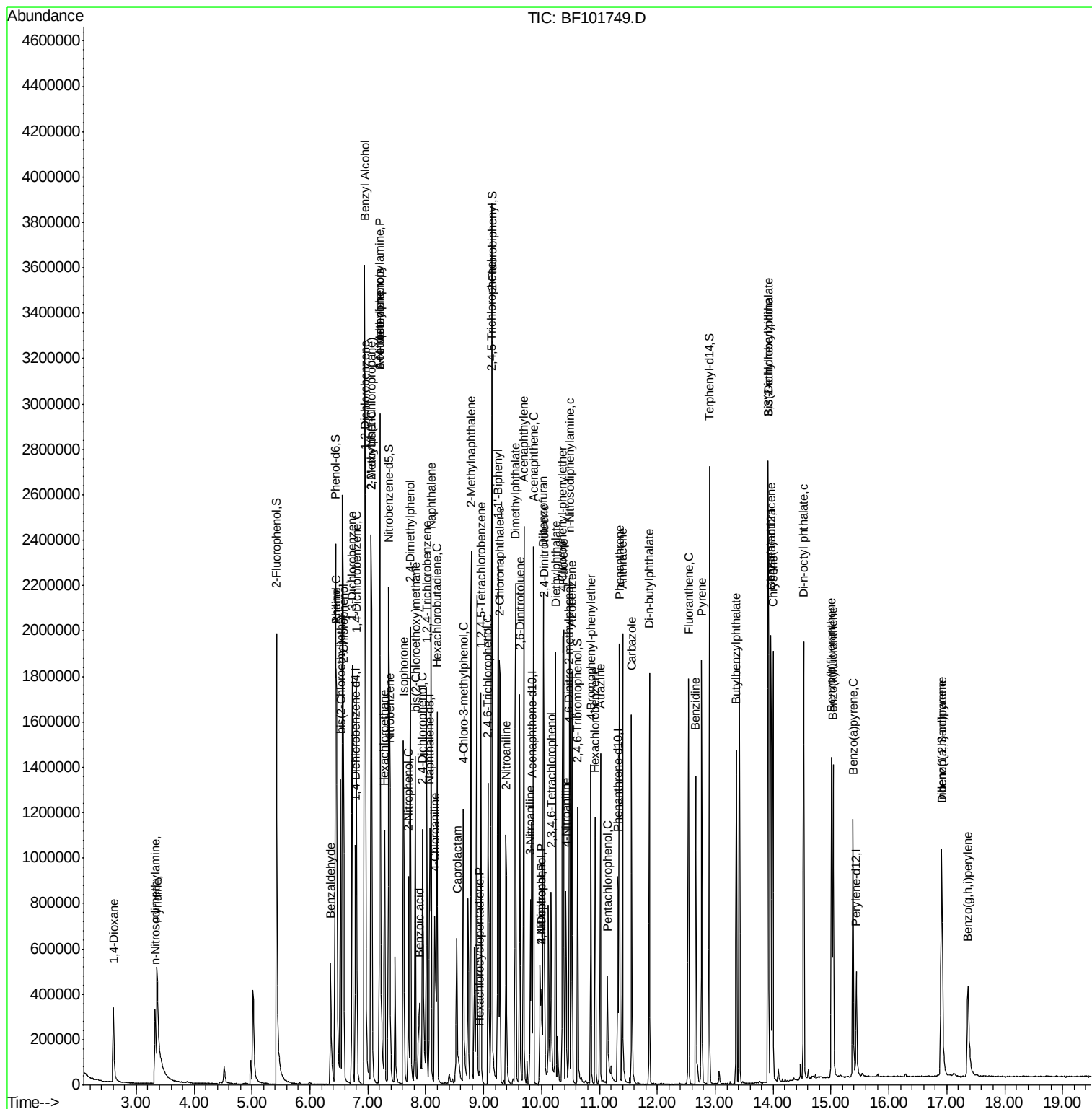
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	189162	44.183	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	171090	36.497	ng	95
45) 1,1'-Biphenyl	9.25	154	826655	44.253	ng	98
46) 2-Chloronaphthalene	9.28	162	600746	42.030	ng	97
47) 2-Nitroaniline	9.39	65	205289	41.576	ng	92
48) Acenaphthylene	9.69	152	863515	38.250	ng	99
49) Dimethylphthalate	9.55	163	691574	40.819	ng	100
50) 2,6-Dinitrotoluene	9.63	165	140910	40.921	ng	# 89
51) Acenaphthene	9.86	154	522195	38.500	ng	99
52) 3-Nitroaniline	9.80	138	141172	32.883	ng	97
53) 2,4-Dinitrophenol	9.99	184	16934	22.618	ng	# 1
54) Dibenzofuran	10.03	168	744740	43.206	ng	97
55) 4-Nitrophenol	9.99	139	93813	50.114	ng	96
56) 2,4-Dinitrotoluene	10.05	165	172431	44.445	ng	# 96
57) Fluorene	10.38	166	572780	39.281	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	132984	39.485	ng	# 89
59) Diethylphthalate	10.25	149	682316	40.667	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	290555	41.577	ng	94
61) 4-Nitroaniline	10.42	138	143748	33.311	ng	94
62) Azobenzene	10.53	77	626909	36.070	ng	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	11168	6.712	ng	# 1
65) n-Nitrosodiphenylamine	10.49	169	529257	43.959	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	171451	46.796	ng	# 84
67) Hexachlorobenzene	10.93	284	166476	42.932	ng	# 86
68) Atrazine	11.02	200	162812	45.352	ng	97
69) Pentachlorophenol	11.14	266	101364	68.268	ng	98
70) Phenanthrene	11.34	178	739304	40.771	ng	99
71) Anthracene	11.40	178	770081	41.575	ng	99
72) Carbazole	11.56	167	691685	39.885	ng	99
73) Di-n-butylphthalate	11.86	149	923692	43.884	ng	99
74) Fluoranthene	12.54	202	751658	39.492	ng	96
76) Benzidine	12.66	184	610279	53.007	ng	98
77) Pyrene	12.77	202	767338	37.508	ng	99
79) Butylbenzylphthalate	13.36	149	354966	38.346	ng	96
80) Benzo(a)anthracene	13.96	228	713704	39.651	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	252737	43.062	ng	97
82) Chrysene	14.00	228	689004	40.541	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	451441	38.503	ng	99
84) Di-n-octyl phthalate	14.53	149	870344	41.623	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	526379	34.781	ng	97
87) Benzo(b)fluoranthene	15.01	252	673862	45.245	ng	98
88) Benzo(k)fluoranthene	15.04	252	579774	40.037	ng	98
89) Benzo(a)pyrene	15.38	252	581112	42.325	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	451570	38.307	ng	97
91) Benzo(g,h,i)perylene	17.37	276	438036	37.526	ng	93

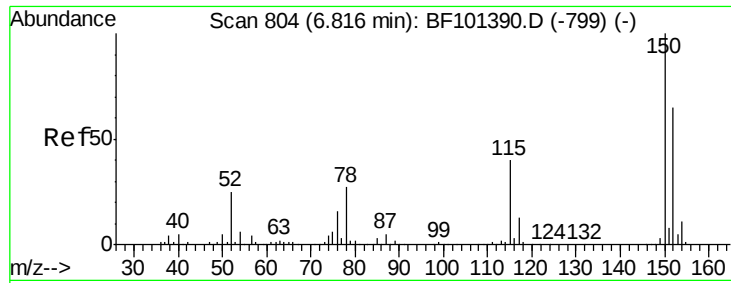
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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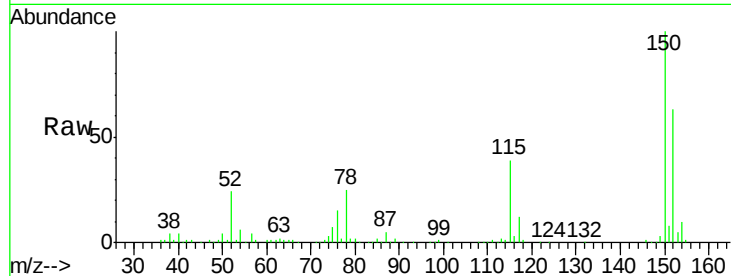




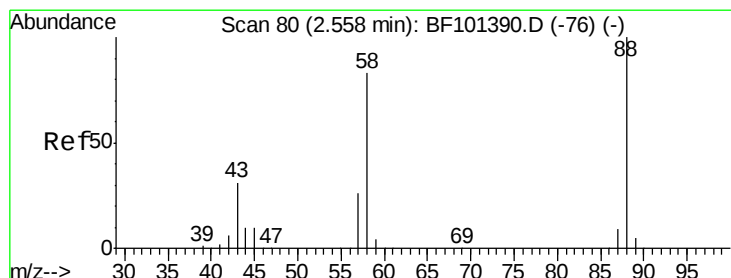
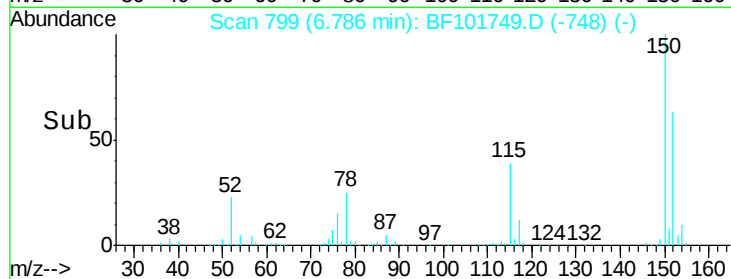
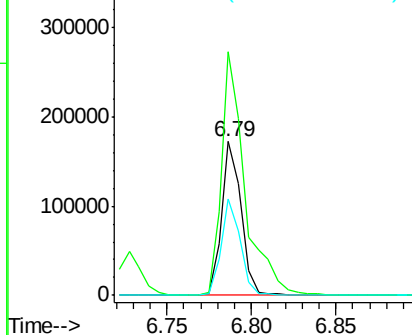
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Tgt Ion: 152 Resp: 139964
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 62.3 50.1 75.1

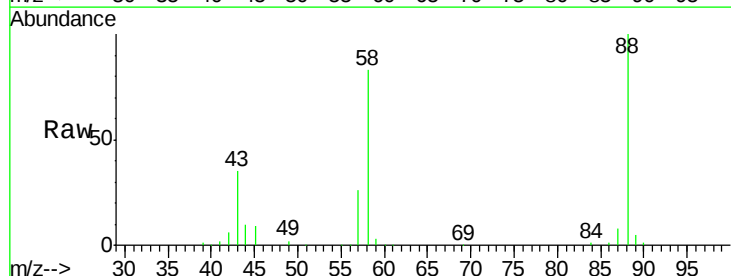


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

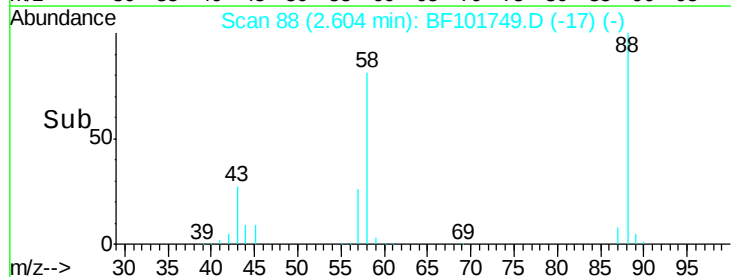
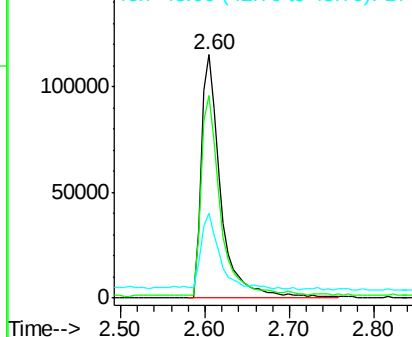


#2
 1,4-Dioxane
 Concen: 37.876 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.12 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion: 88 Resp: 182871
 Ion Ratio Lower Upper
 88 100
 58 80.4 62.6 93.8
 43 26.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 32.078 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

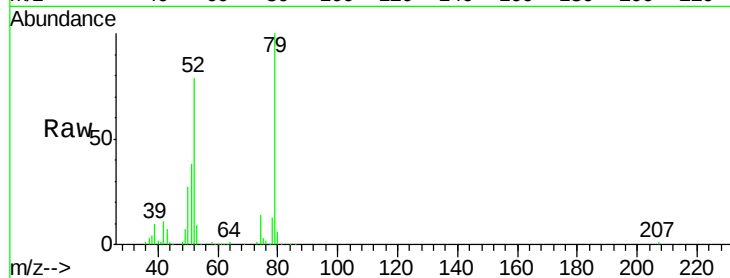
Tgt Ion: 79 Resp: 430311

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

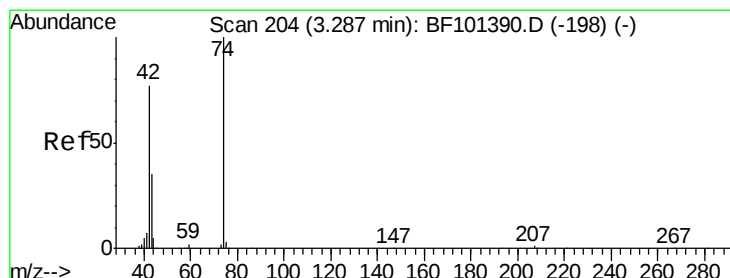
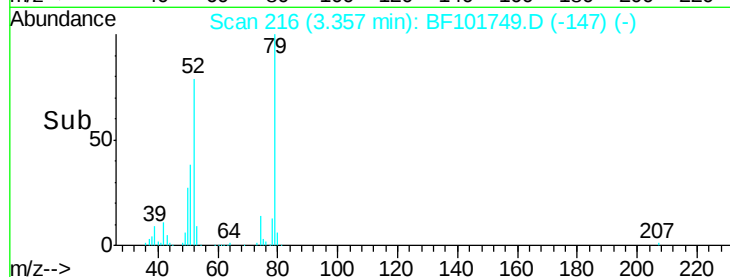
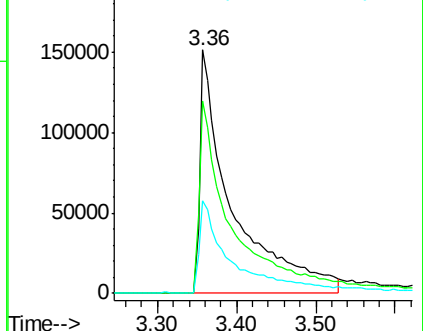
51 38.2 29.8 44.8



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: 34.882 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.11 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

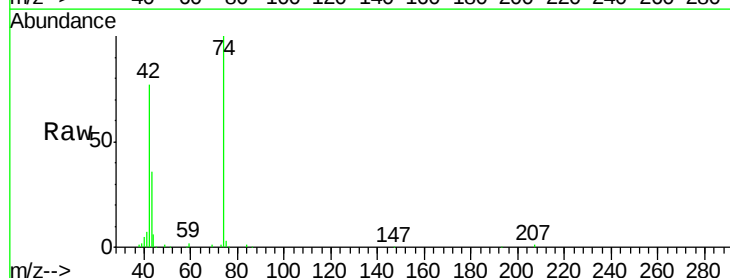
Tgt Ion: 42 Resp: 215443

Ion Ratio Lower Upper

42 100

74 130.0 104.9 157.3

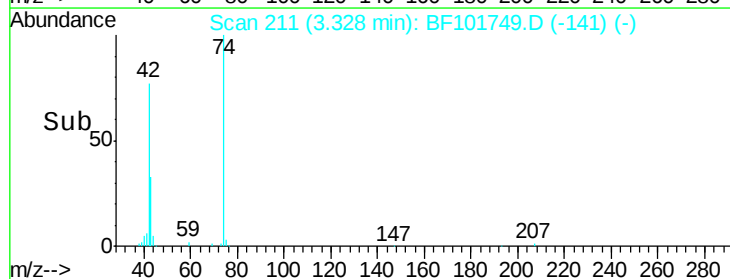
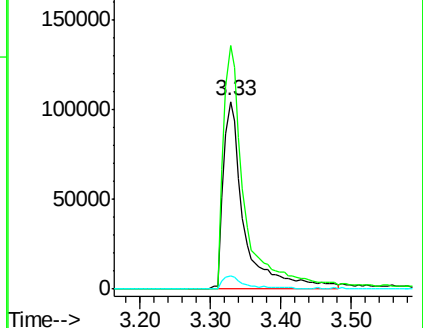
44 7.3 6.9 10.3

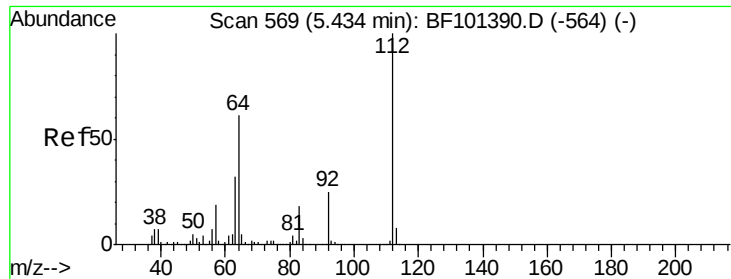


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.385 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF101749.D

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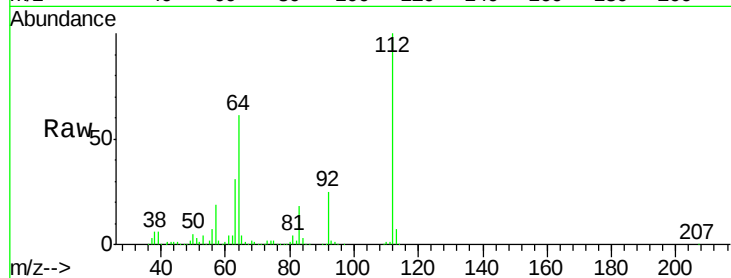
Tgt Ion: 112 Resp: 802294

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

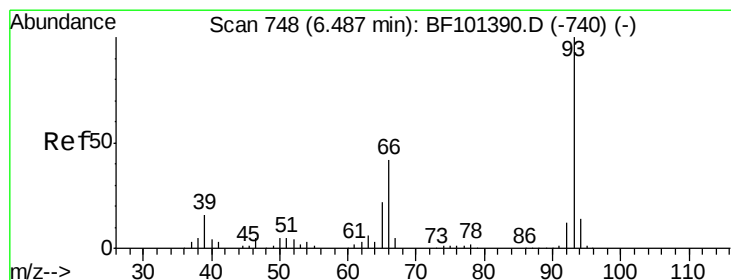
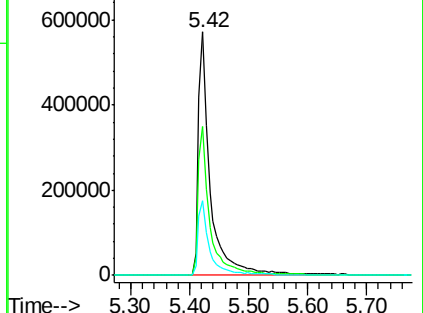
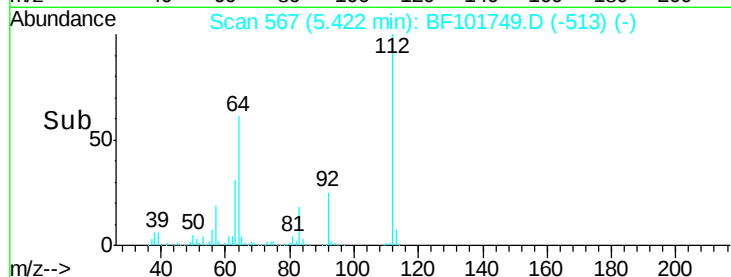
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.212 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

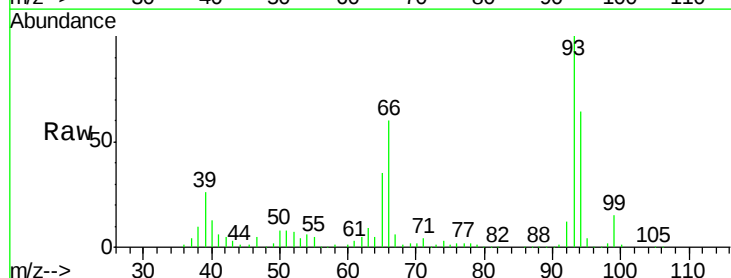
Tgt Ion: 93 Resp: 442220

Ion Ratio Lower Upper

93 100

66 60.3 32.2 48.2#

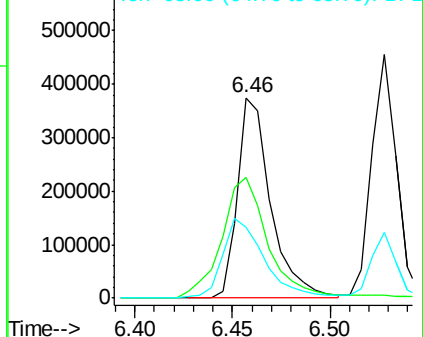
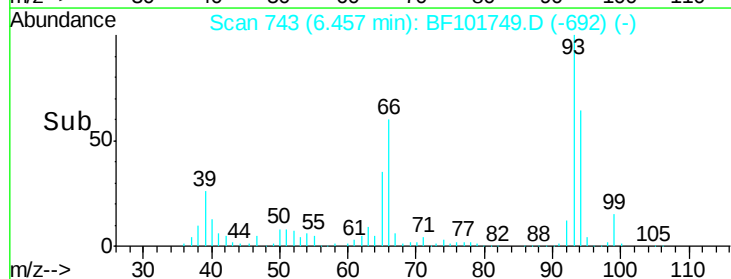
65 35.5 16.4 24.6#

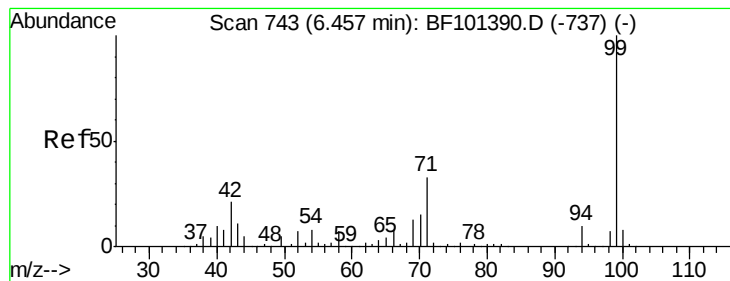


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.677 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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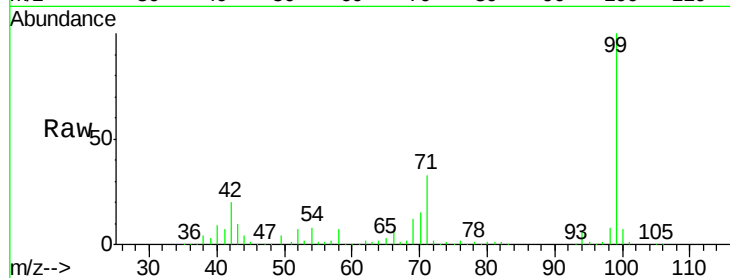
Tgt Ion: 99 Resp: 873266

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

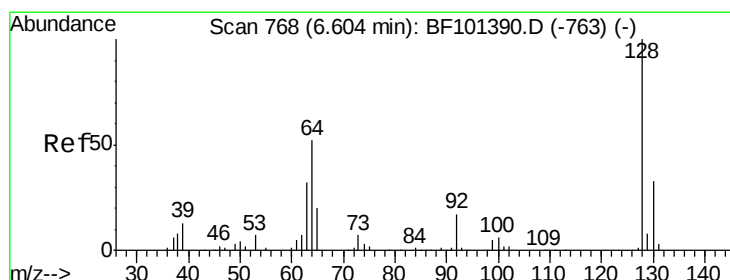
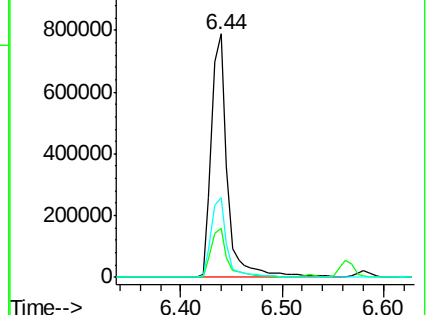
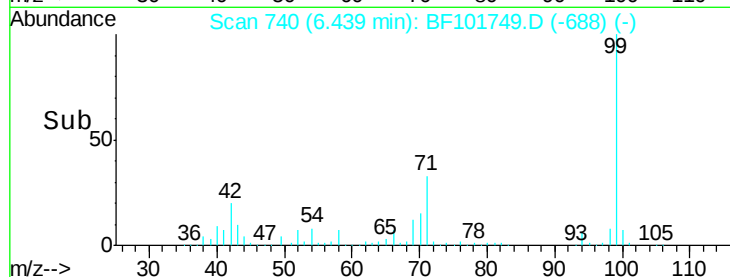
71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.357 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

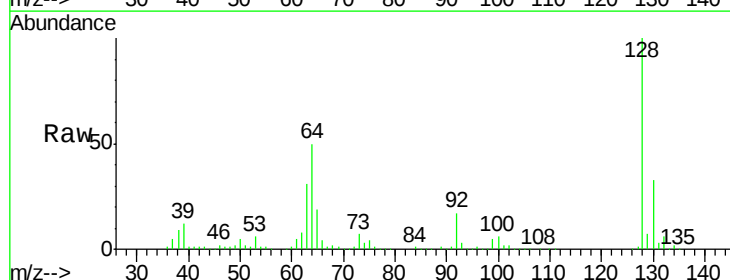
Tgt Ion: 128 Resp: 398896

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

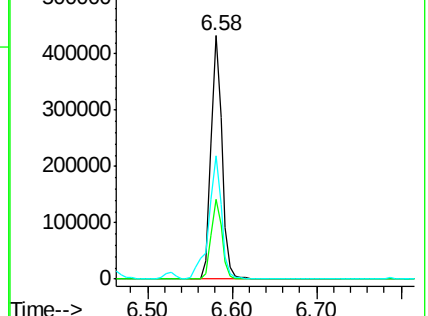
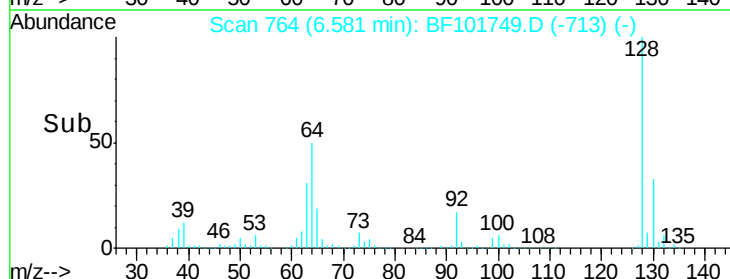
64 50.4 29.4 69.4

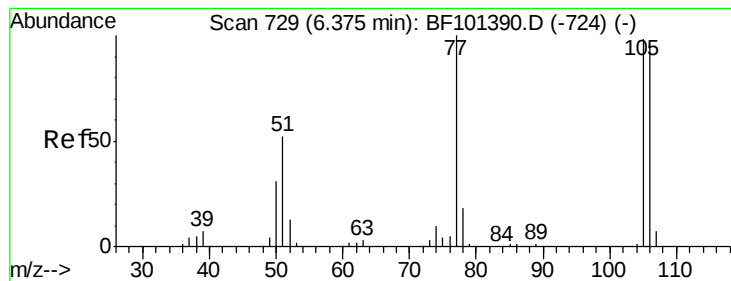


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.525 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101749.D

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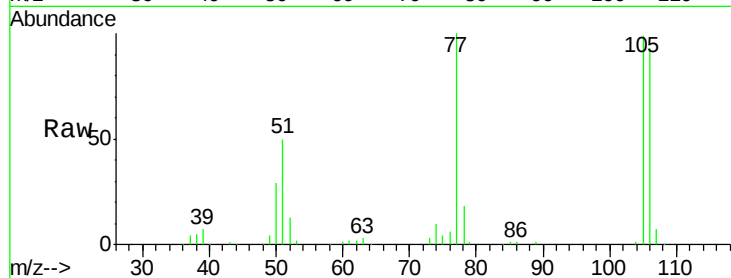
Tgt Ion: 77 Resp: 168623

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

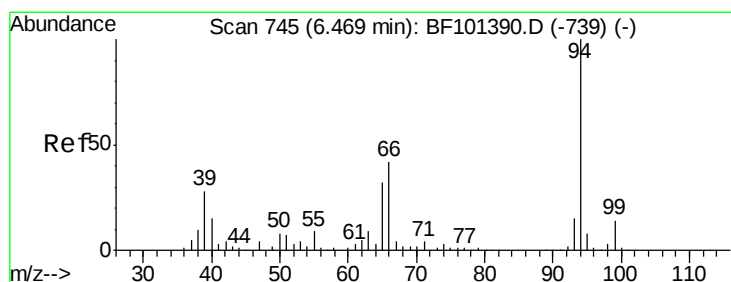
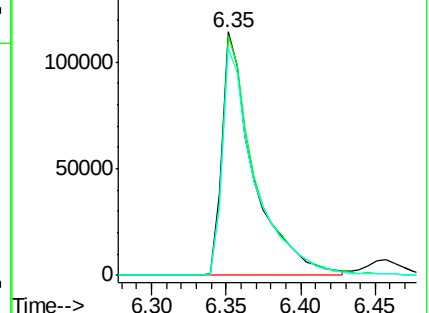
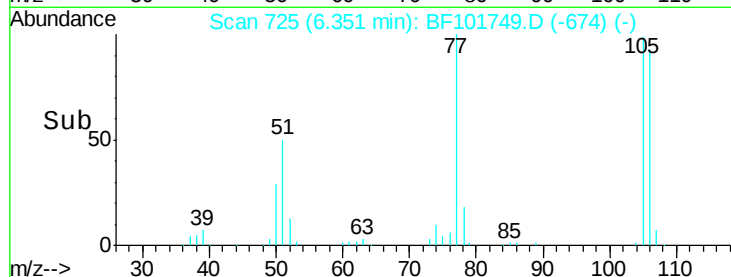
106 93.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.894 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

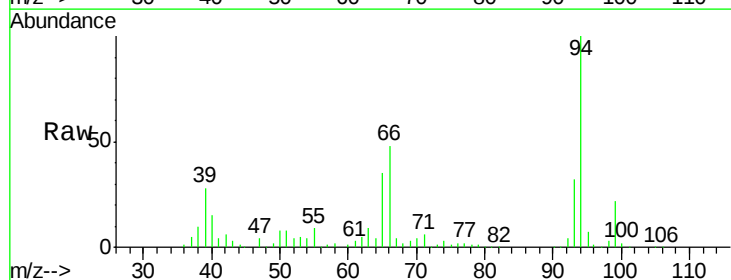
Tgt Ion: 94 Resp: 491734

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

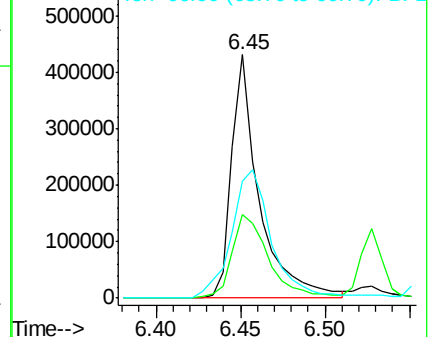
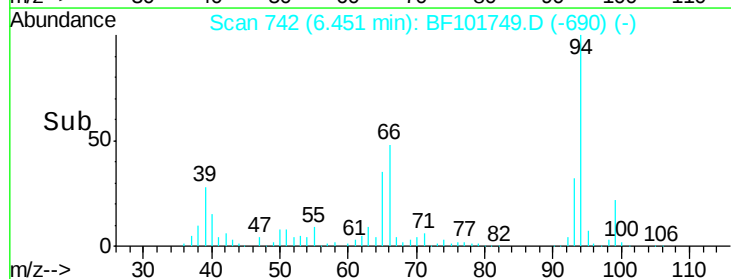
66 47.9 16.2 56.2

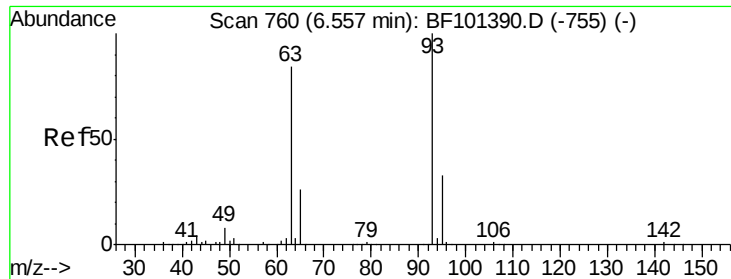


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

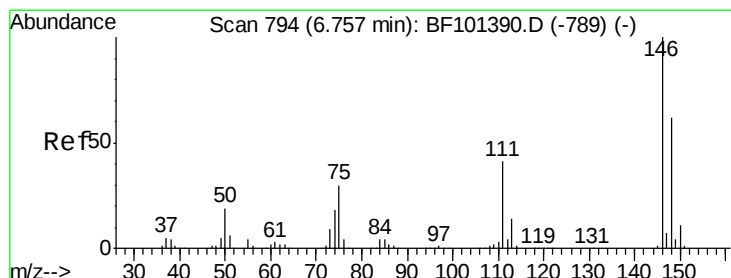
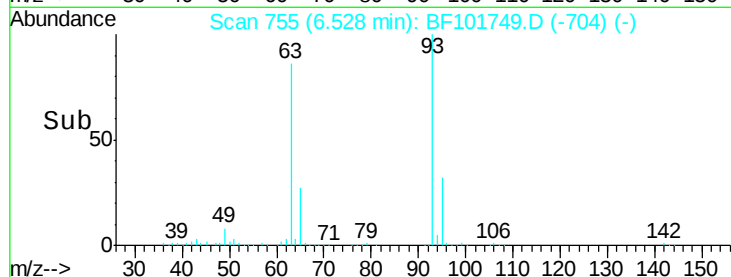
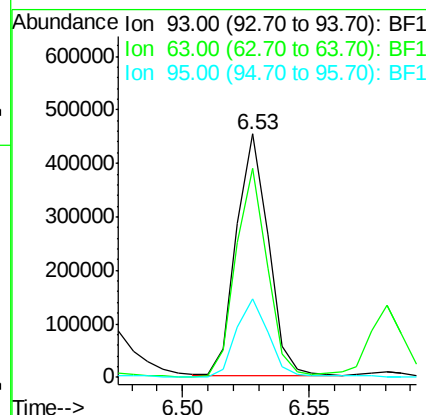
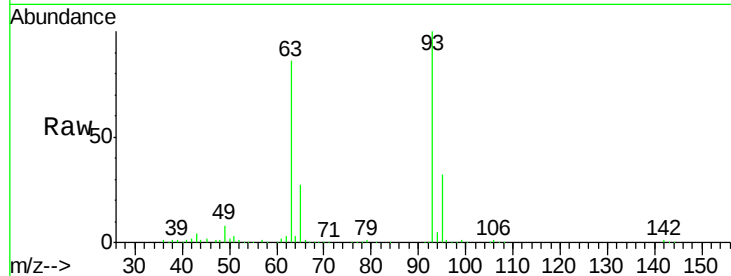




#11
 bis(2-Chloroethyl)ether
 Concen: 38.128 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

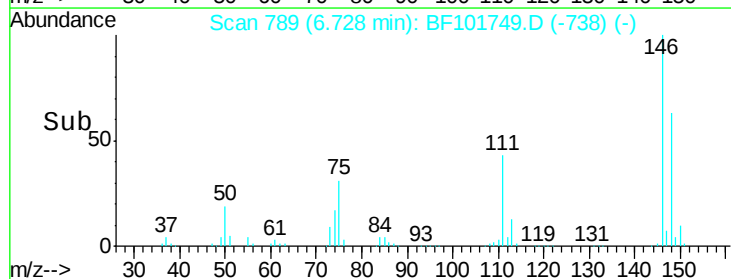
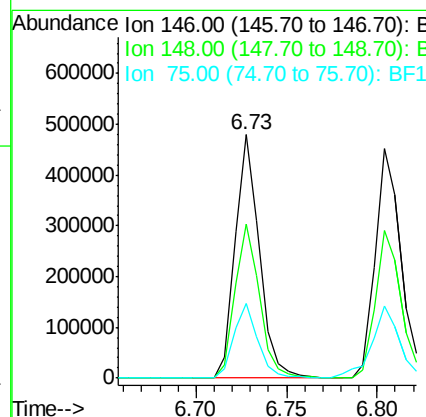
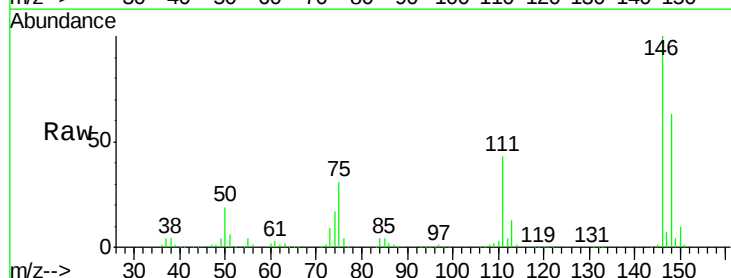
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

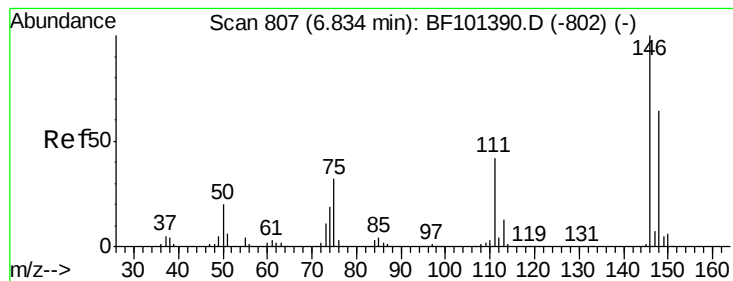
Tgt Ion: 93 Resp: 398622
 Ion Ratio Lower Upper
 93 100
 63 86.0 58.6 98.6
 95 32.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.125 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion: 146 Resp: 447616
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.375 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

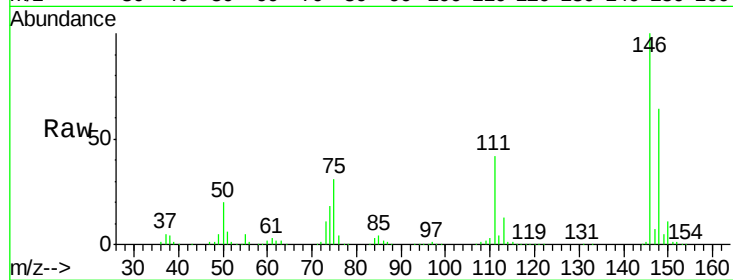
Tgt Ion:146 Resp: 459946

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

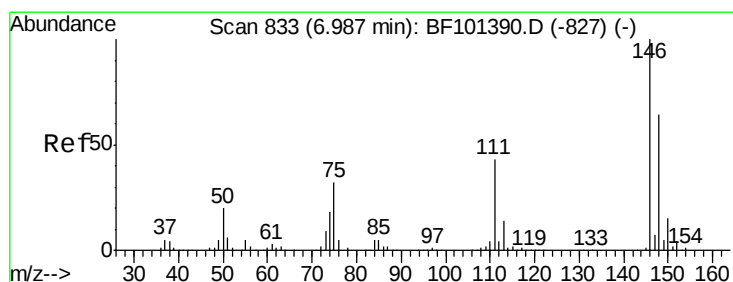
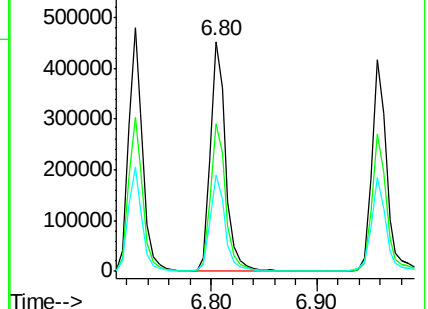
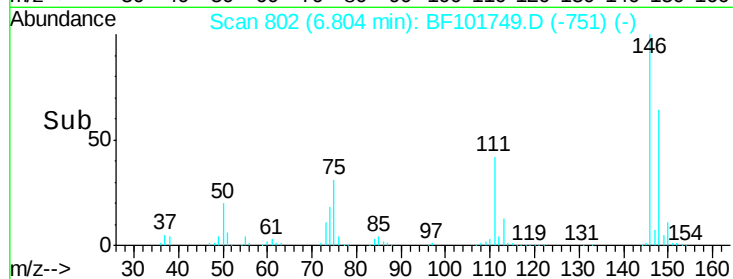
111 41.7 34.2 51.2



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: 39.032 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

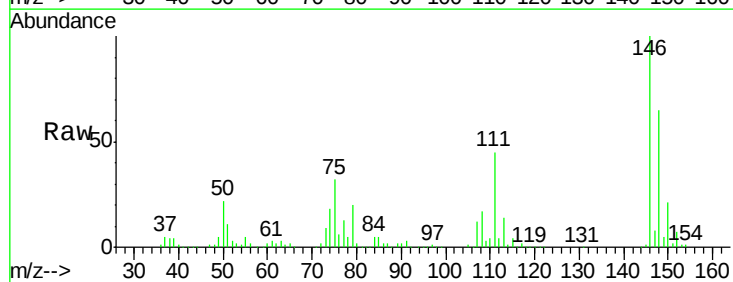
Tgt Ion:146 Resp: 400238

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

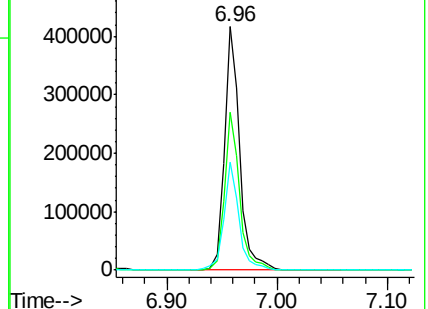
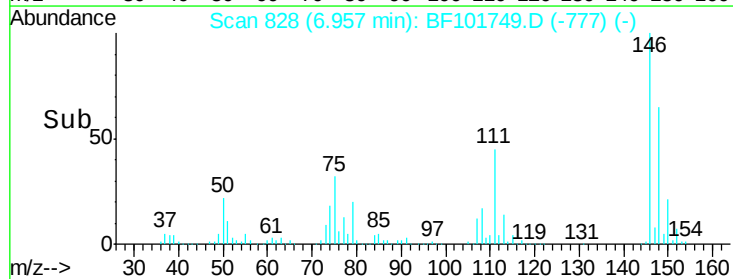
111 44.6 36.0 54.0

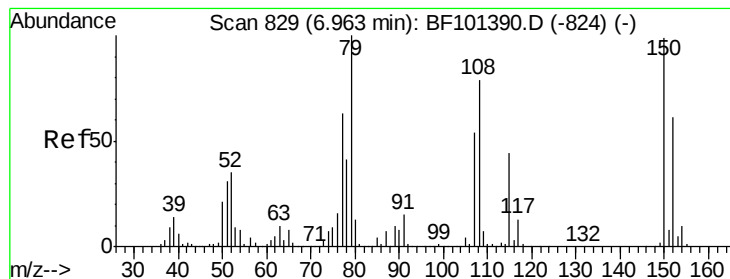


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.202 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

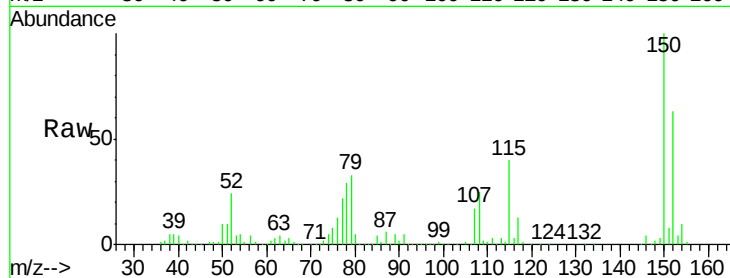
Tgt Ion: 79 Resp: 291388

Ion Ratio Lower Upper

79 100

108 77.3 65.1 97.7

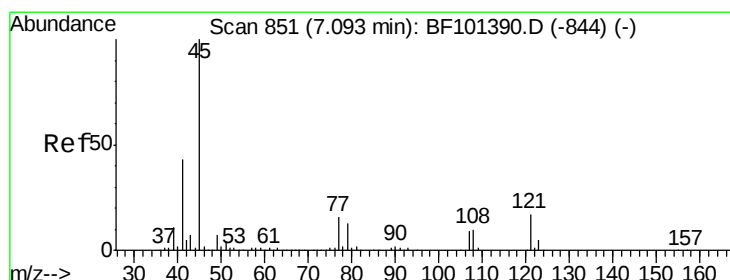
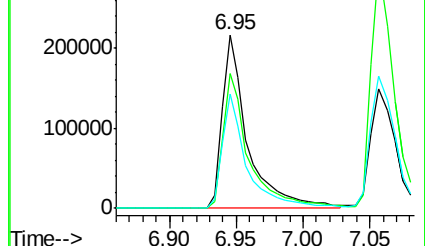
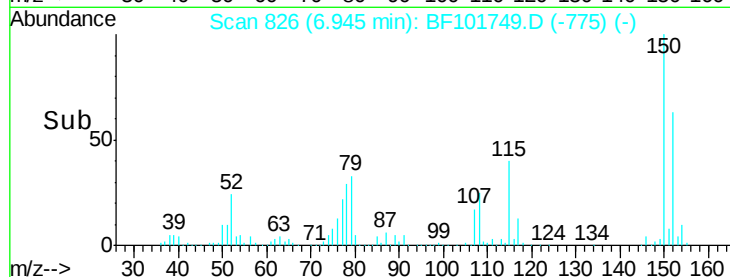
77 65.9 50.6 75.8



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: 41.413 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

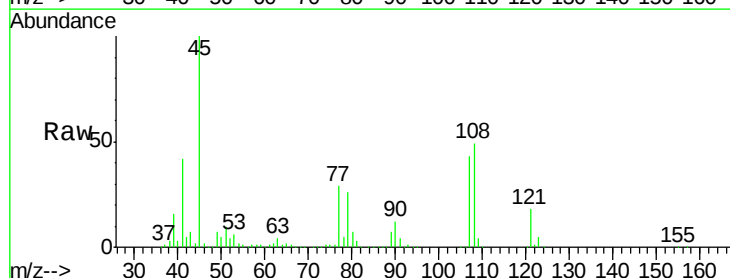
Tgt Ion: 45 Resp: 662628

Ion Ratio Lower Upper

45 100

77 29.4 0.0 32.9

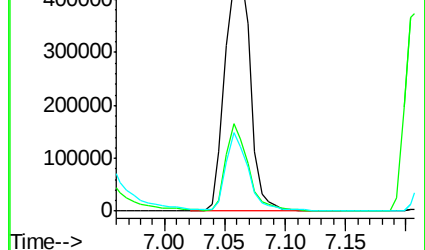
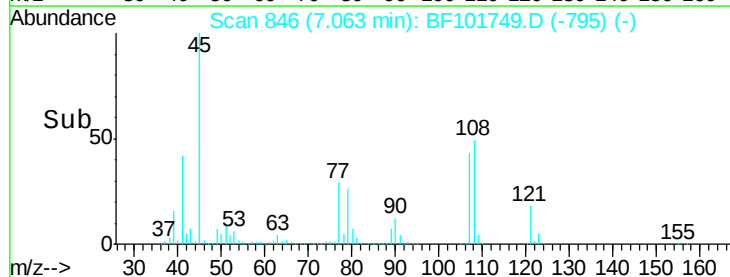
79 26.5 0.0 29.6

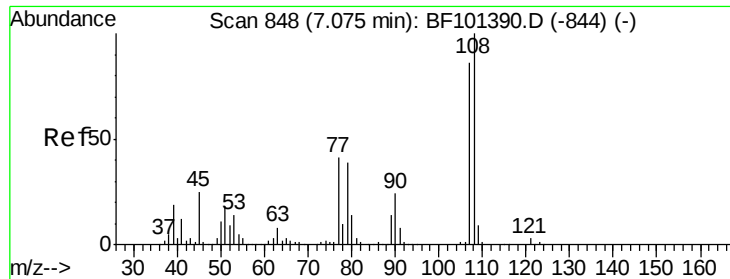


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

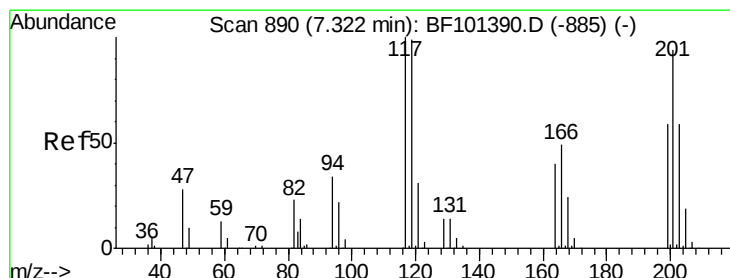
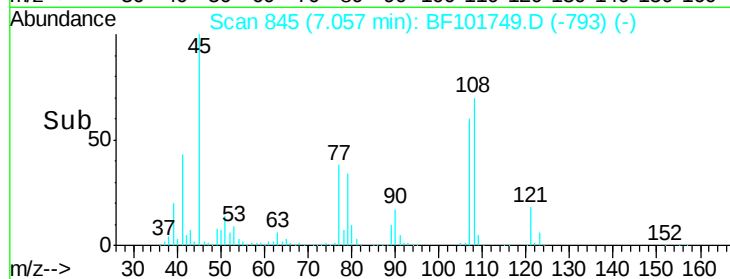
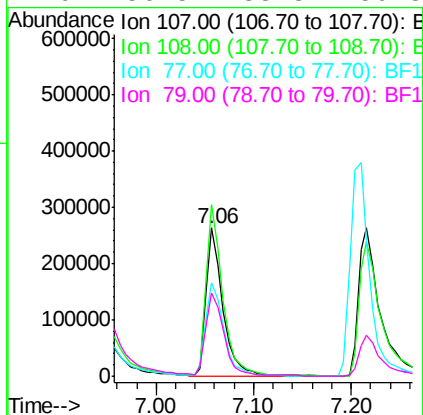
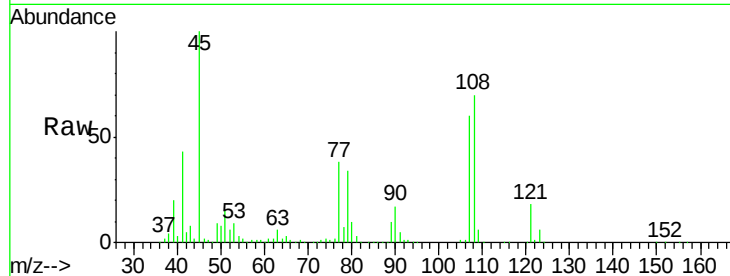




#17
2-Methylphenol
Concen: 34.424 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

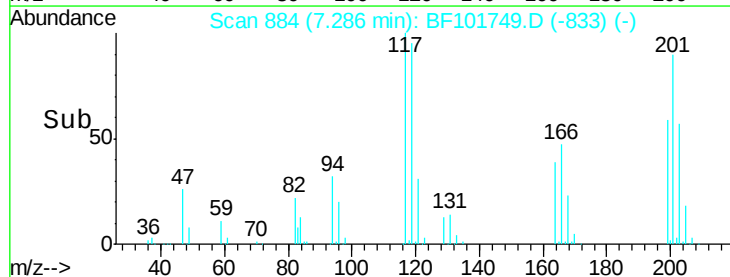
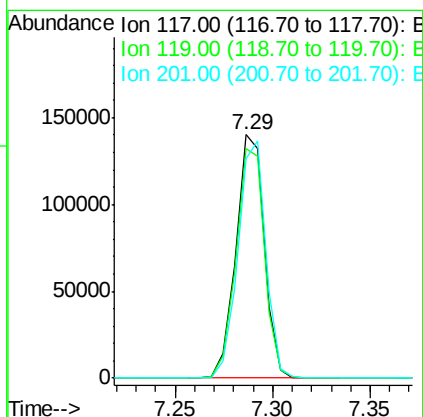
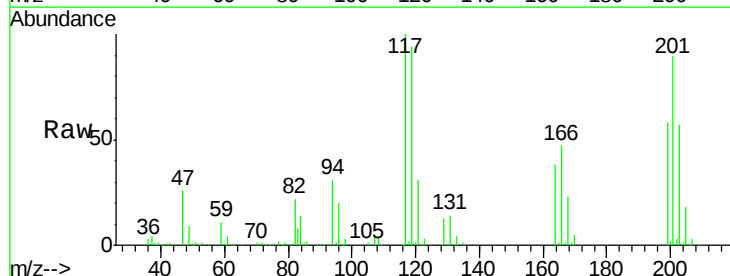
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.7	137.5
77	62.9	33.8	50.8#
79	56.5	33.8	50.8#



#18
Hexachloroethane
Concen: 35.436 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	90.1	75.7	113.5

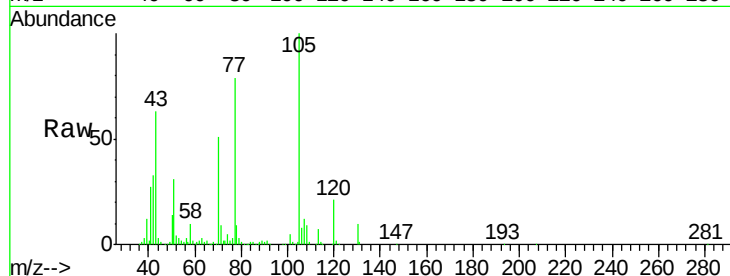




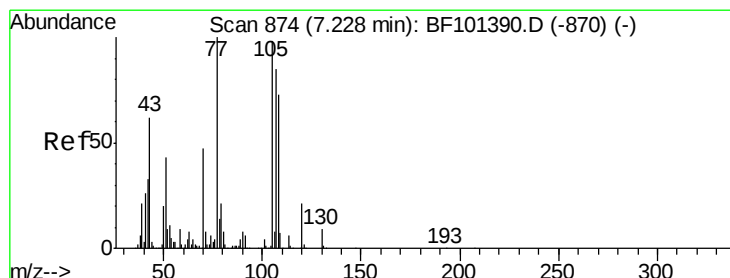
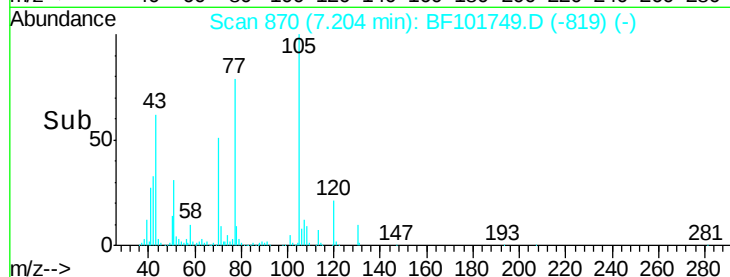
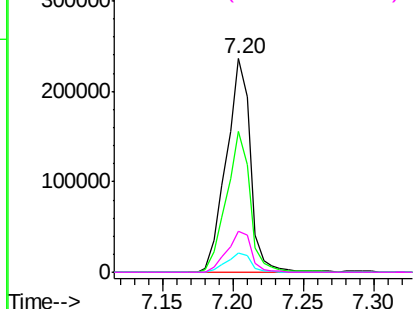
#19
n-Nitroso-di-n-propylamine
Concen: 36.452 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion: 70 Resp: 279942
Ion Ratio Lower Upper
70 100
42 65.8 47.5 71.3
101 9.1 7.4 11.2
130 19.0 16.6 25.0

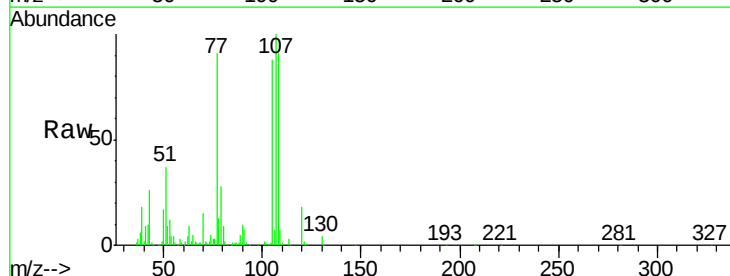


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

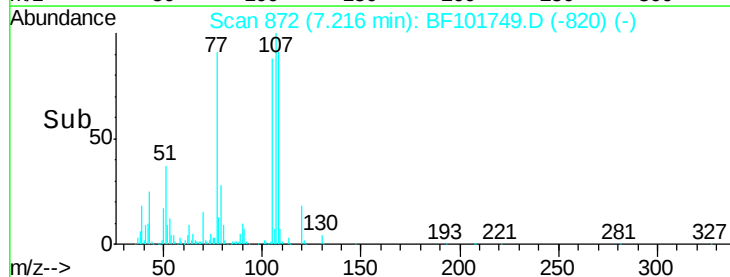
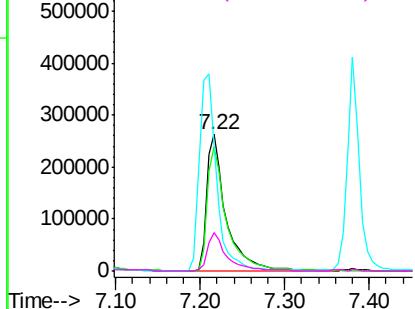


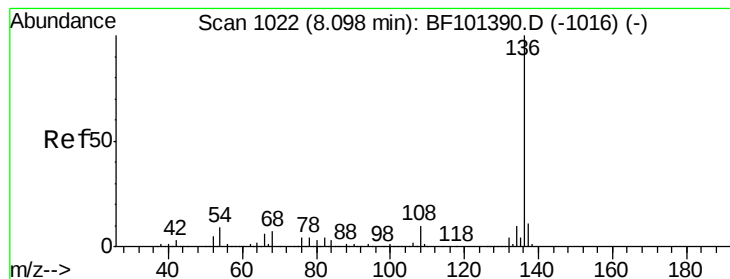
#20
3+4-Methylphenols
Concen: 43.741 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion: 107 Resp: 421432
Ion Ratio Lower Upper
107 100
108 91.1 68.2 108.2
77 91.2 26.7 66.7#
79 27.9 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

Tgt Ion:136 Resp: 532793

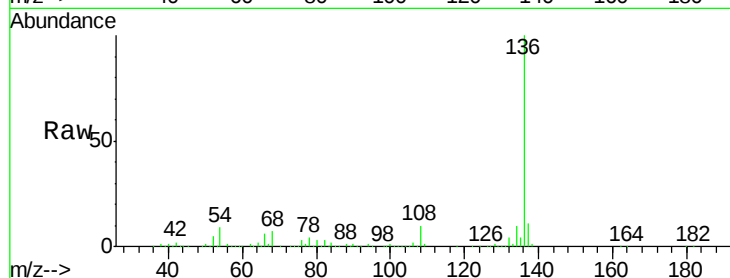
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.6 9.8

68 6.6 5.0 7.4

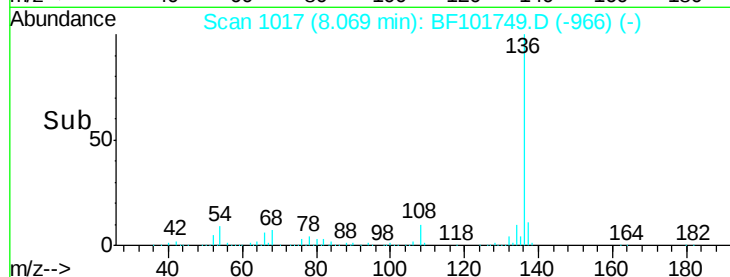


Abundance Ion 136.00 (135.70 to 136.70): E

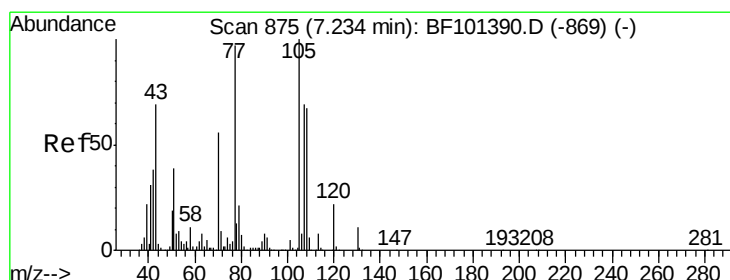
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 44.616 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Tgt Ion:105 Resp: 542395

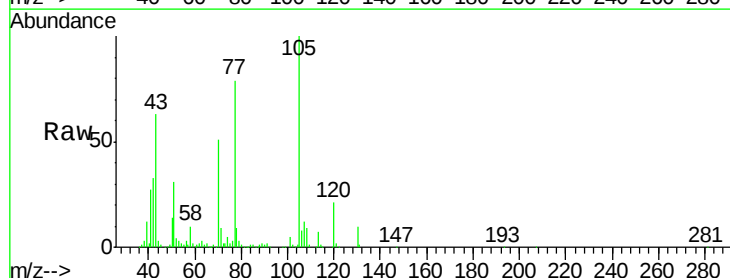
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 31.4 22.3 33.5

120 21.2 16.9 25.3

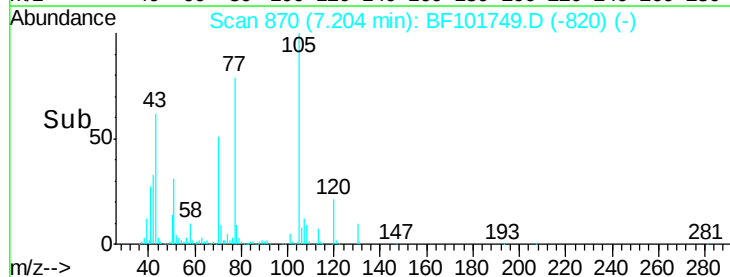


Abundance Ion 105.00 (104.70 to 105.70): E

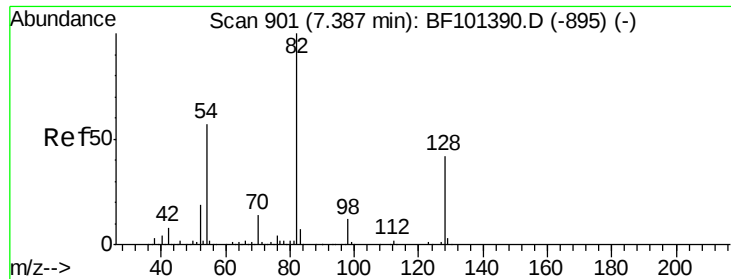
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



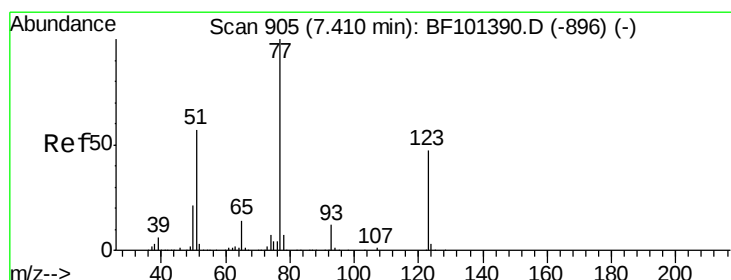
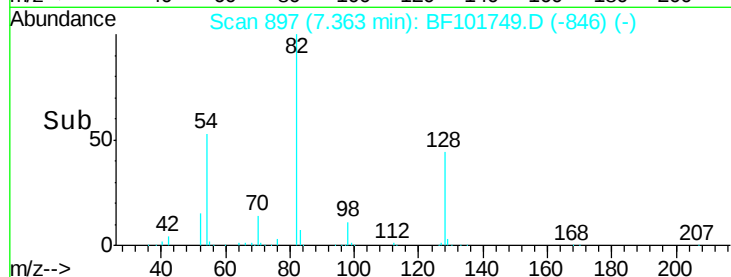
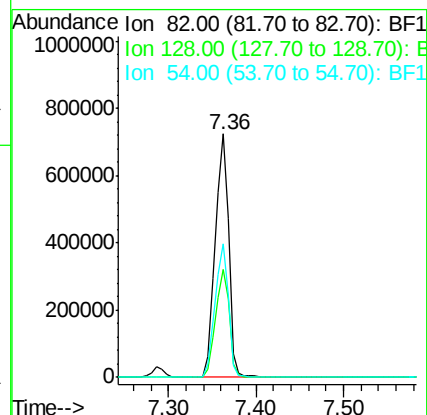
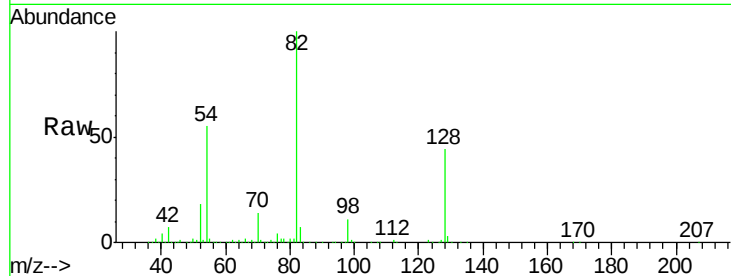
Time-->



#23
Nitrobenzene-d5
Concen: 82.228 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

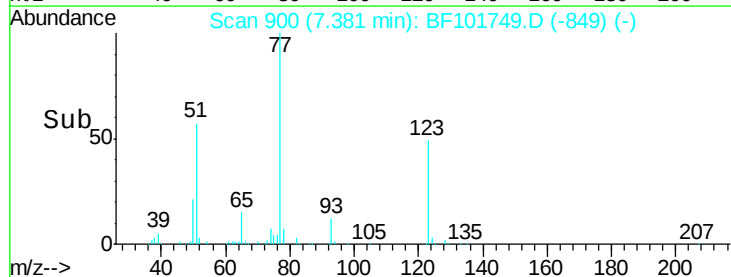
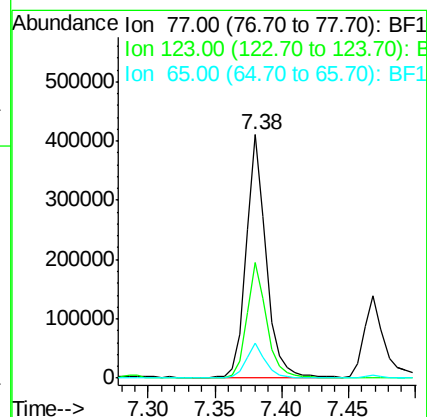
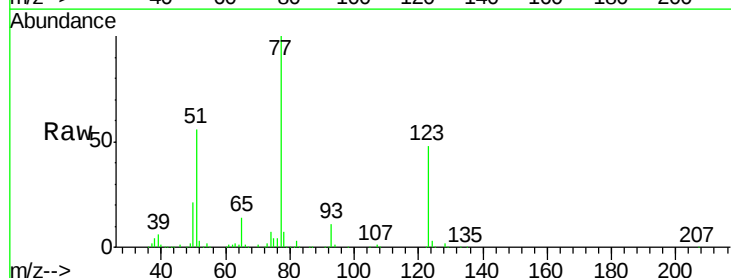
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

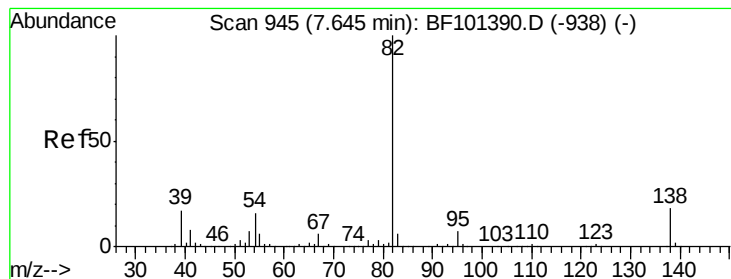
Tgt Ion: 82 Resp: 787027
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 54.7 41.4 62.2



#24
Nitrobenzene
Concen: 40.029 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion: 77 Resp: 424030
Ion Ratio Lower Upper
77 100
123 47.6 37.9 56.9
65 14.2 11.0 16.4





#25

Isophorone

Concen: 40.735 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

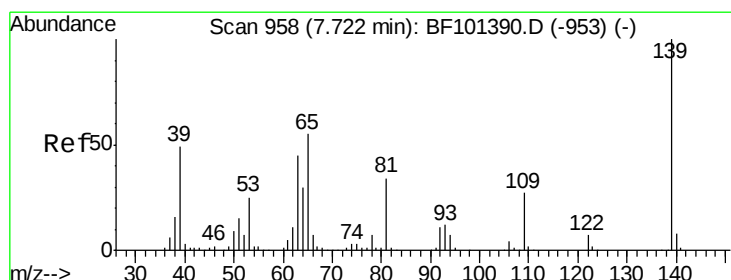
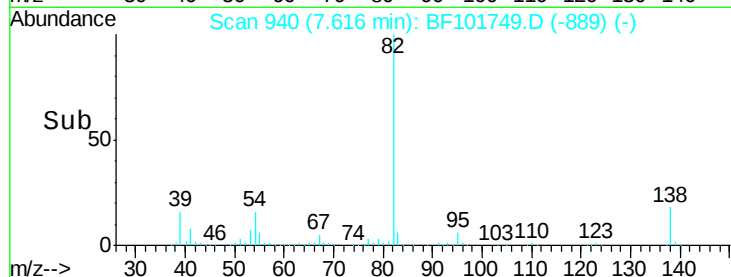
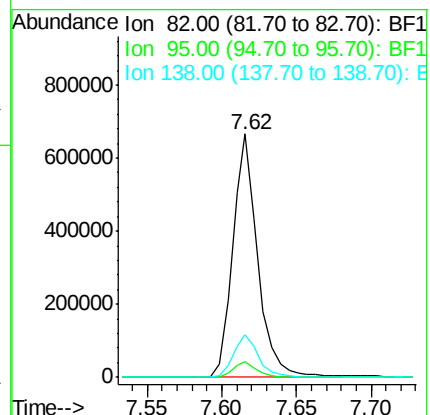
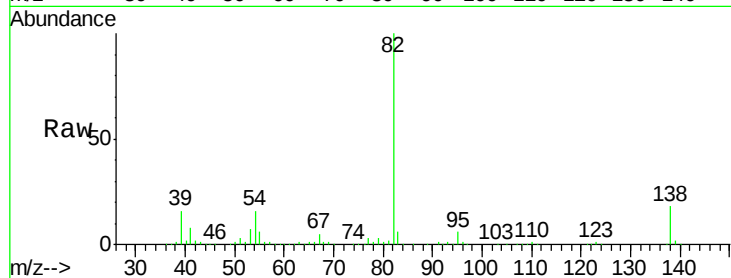
Tgt Ion: 82 Resp: 782130

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 42.806 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

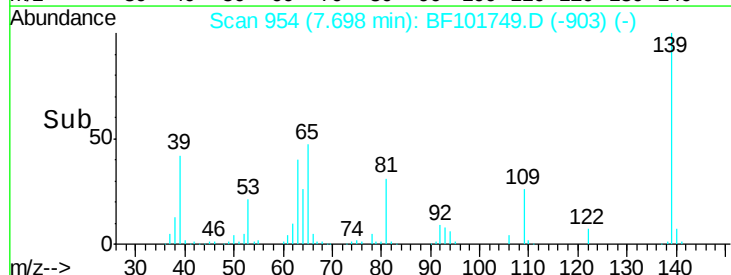
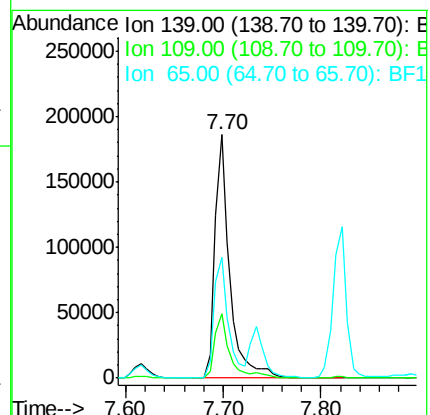
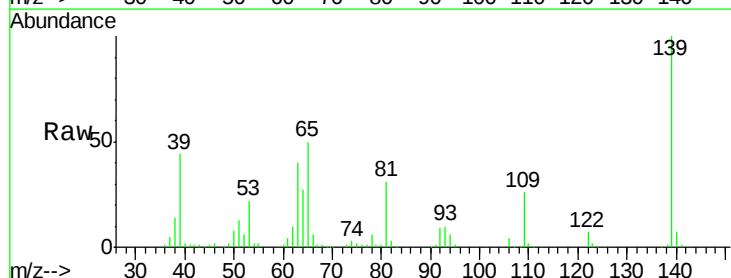
Tgt Ion: 139 Resp: 194809

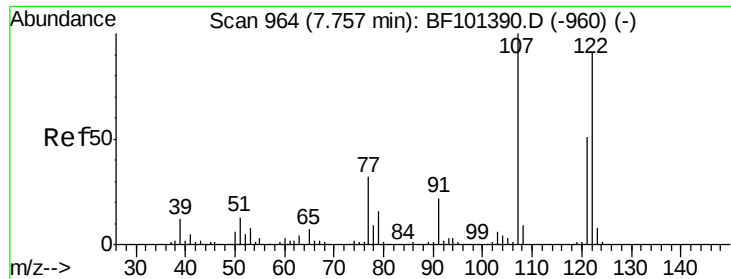
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 49.6 40.5 60.7

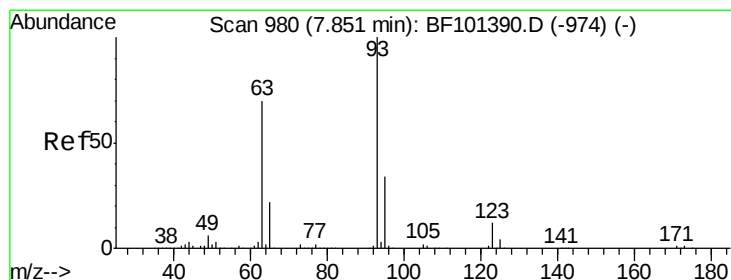
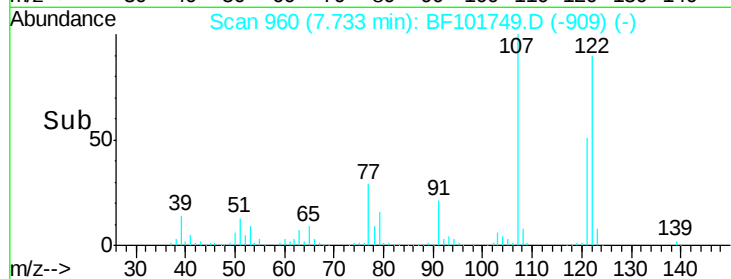
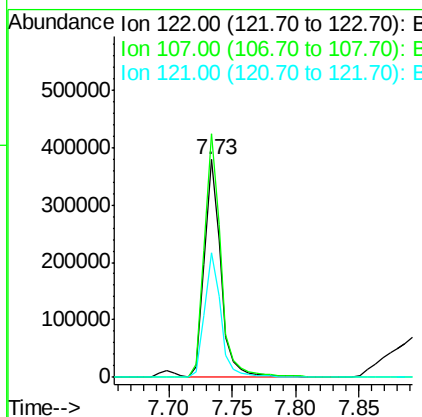
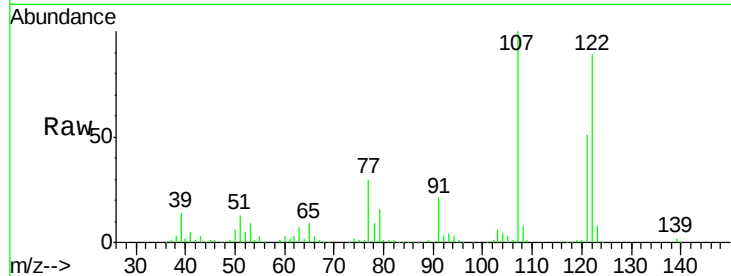




#27
 2,4-Dimethylphenol
 Concen: 44.201 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

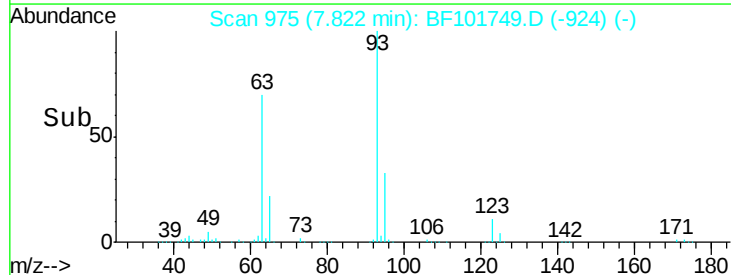
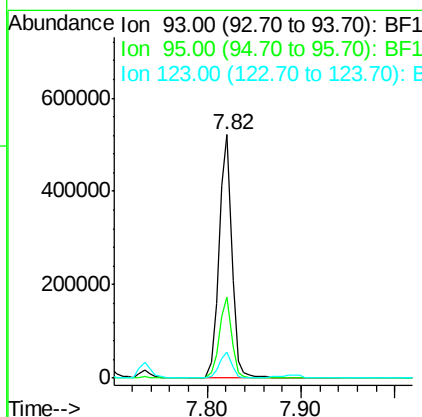
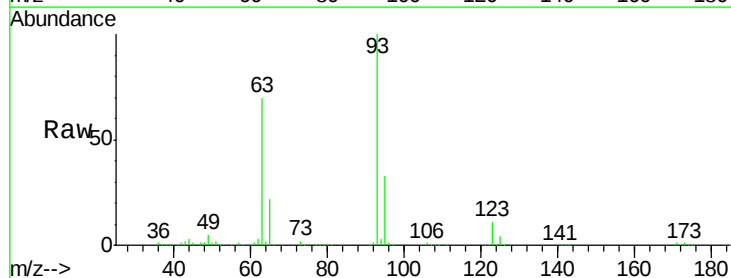
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

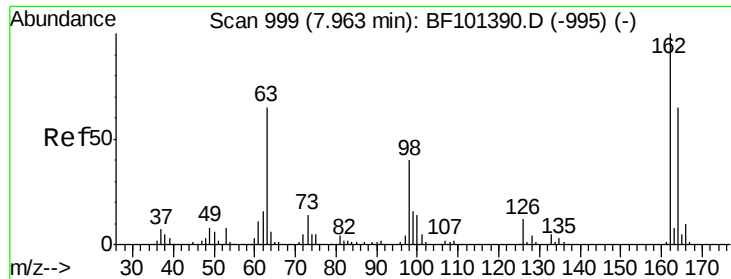
Tgt Ion:122 Resp: 341736
 Ion Ratio Lower Upper
 122 100
 107 111.8 91.2 136.8
 121 57.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.738 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion: 93 Resp: 496867
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 10.5 9.8 14.6

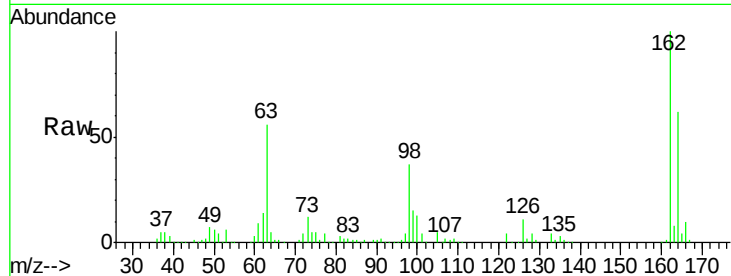




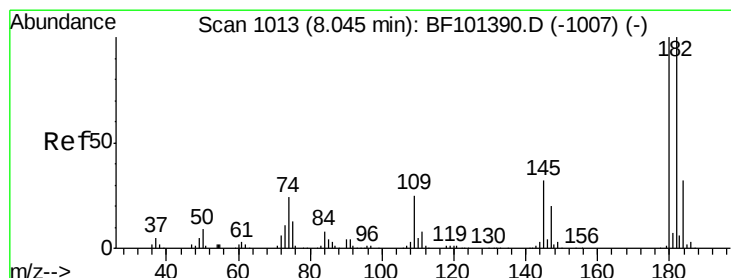
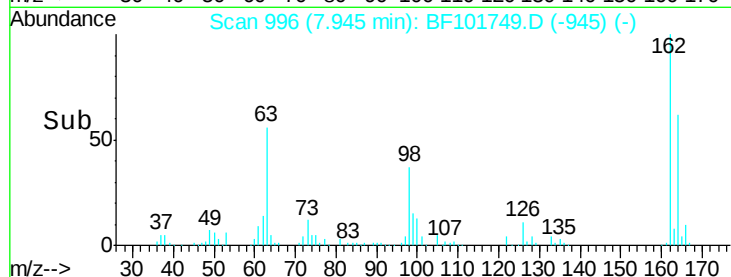
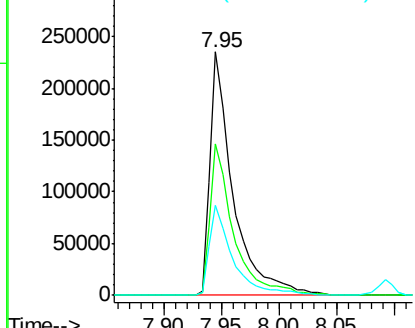
#29
2,4-Dichlorophenol
Concen: 42.661 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.7	82.7
98	36.7	18.1	58.1

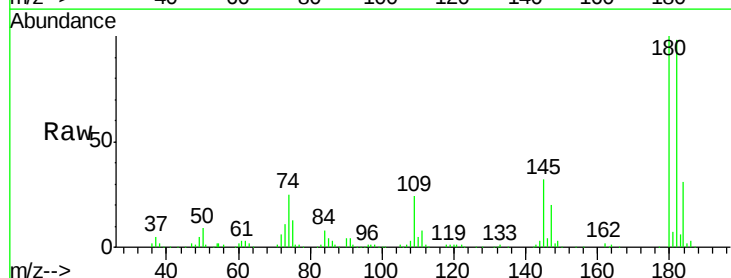


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

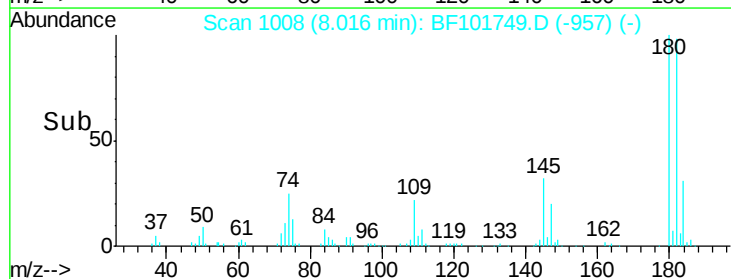
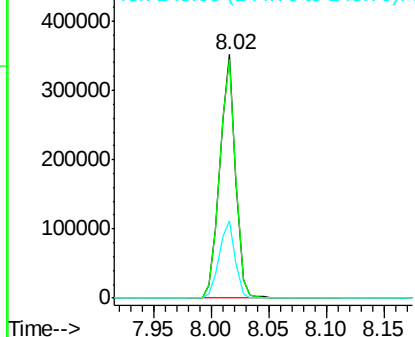


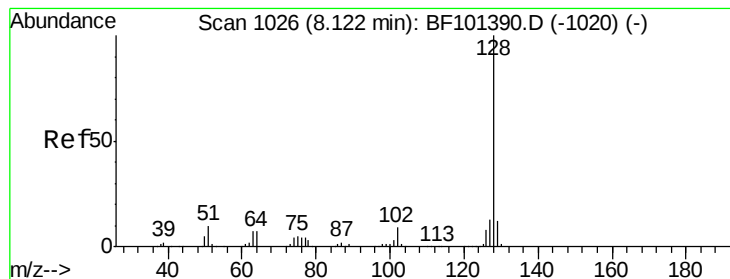
#30
1,2,4-Trichlorobenzene
Concen: 41.075 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.8	115.2
145	31.6	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: 39.903 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

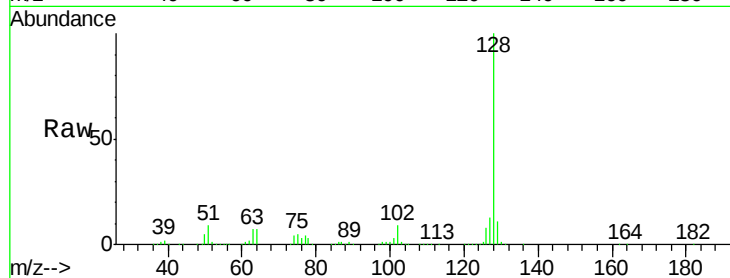
Tgt Ion:128 Resp: 1070306

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

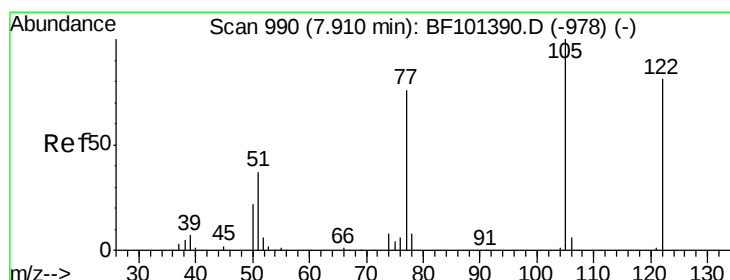
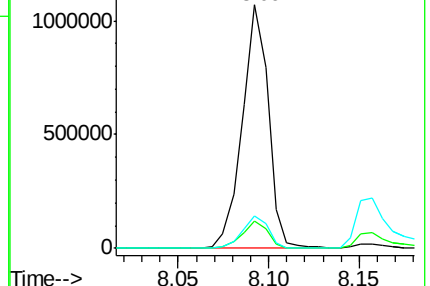
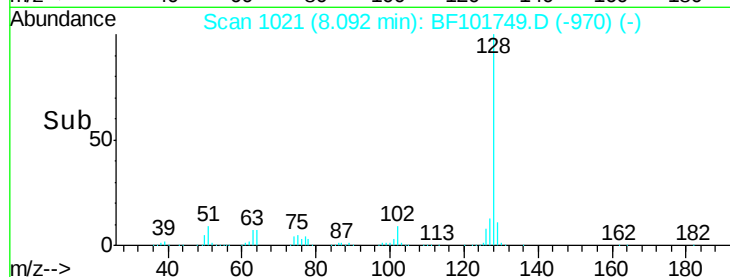
127 13.3 10.9 16.3



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: 35.522 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

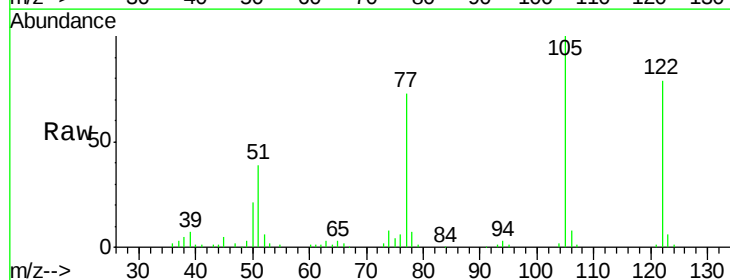
Tgt Ion:122 Resp: 172126

Ion Ratio Lower Upper

122 100

105 126.5 101.1 141.1

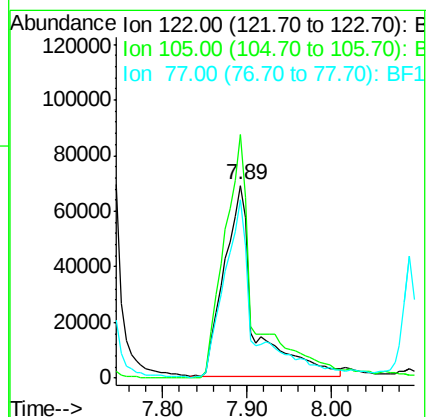
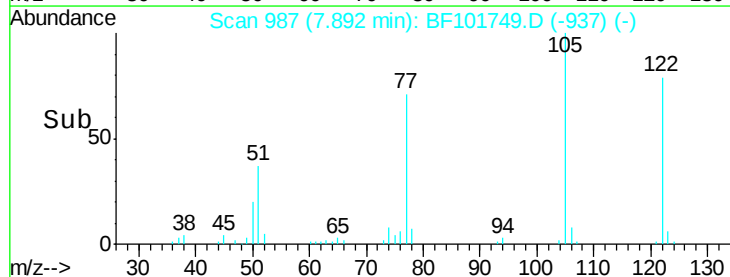
77 92.4 70.7 110.7

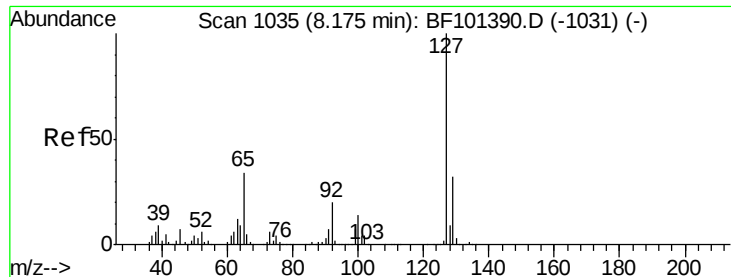


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

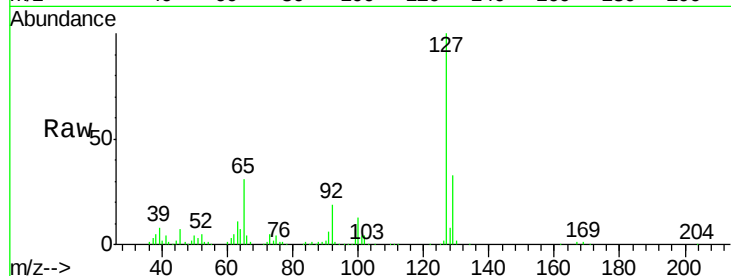




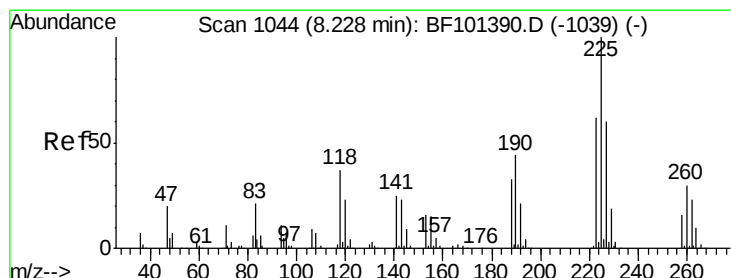
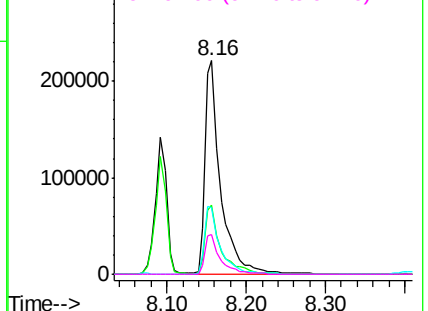
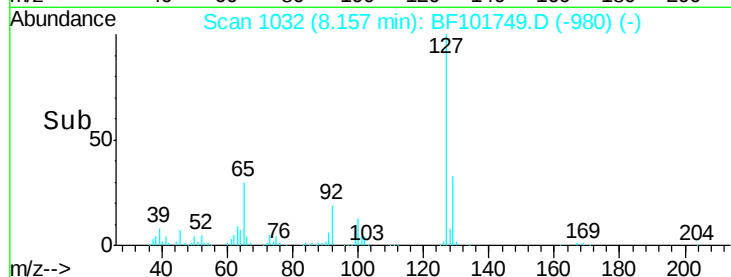
#33
4-Chloroaniline
Concen: 26.031 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion:	127	Resp:	303477
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.9	25.0	37.4
92	18.5	15.2	22.8

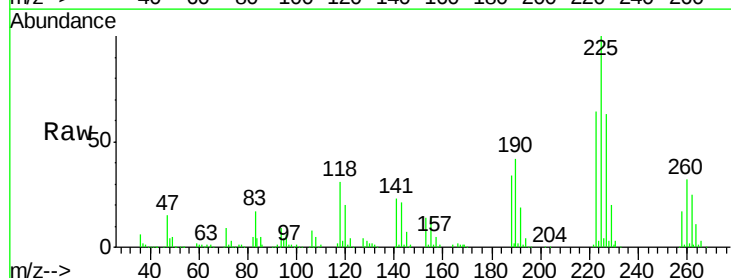


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

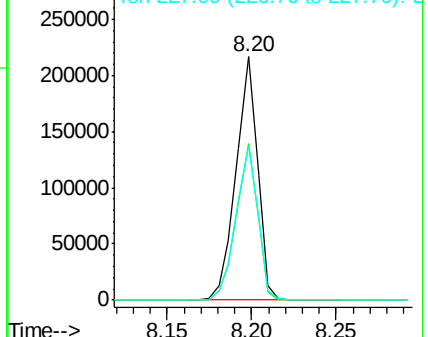
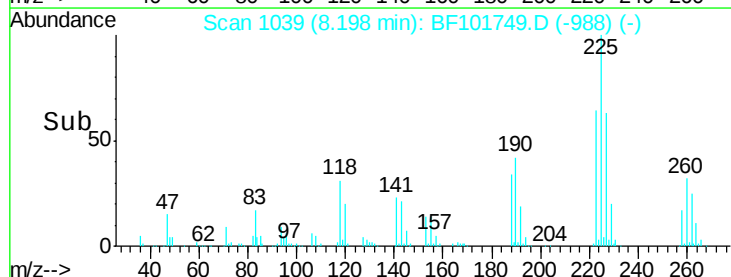


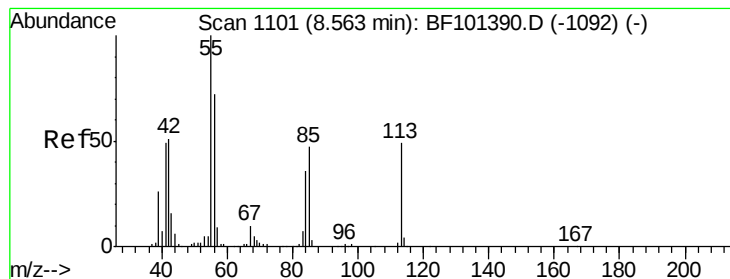
#34
Hexachlorobutadiene
Concen: 41.454 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:	225	Resp:	193261
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	63.4	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: 40.402 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

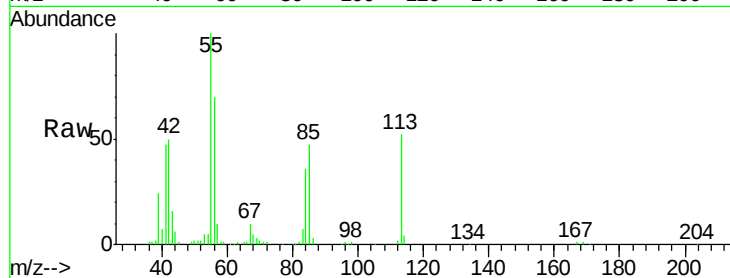
Tgt Ion:113 Resp: 107157

Ion Ratio Lower Upper

113 100

55 192.1 163.3 203.3

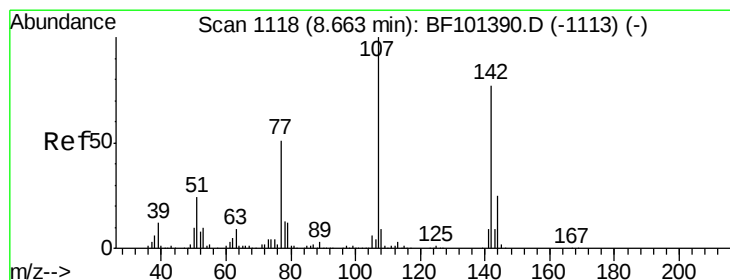
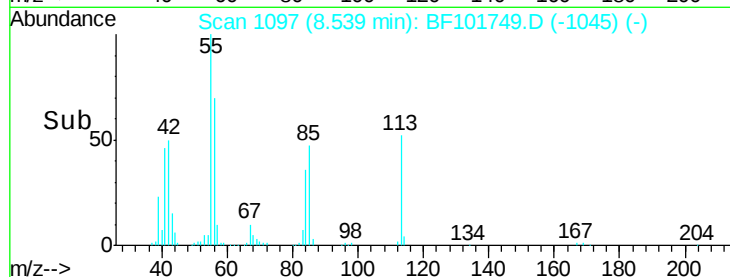
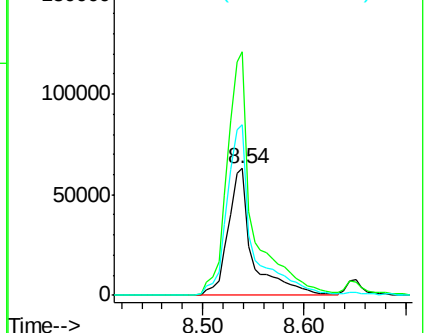
56 135.0 115.7 155.7



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: 37.896 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

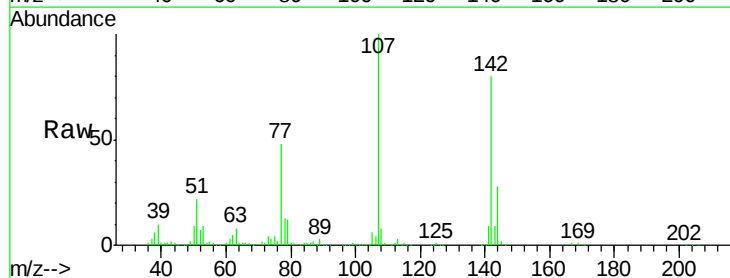
Tgt Ion:107 Resp: 318149

Ion Ratio Lower Upper

107 100

144 27.7 20.5 30.7

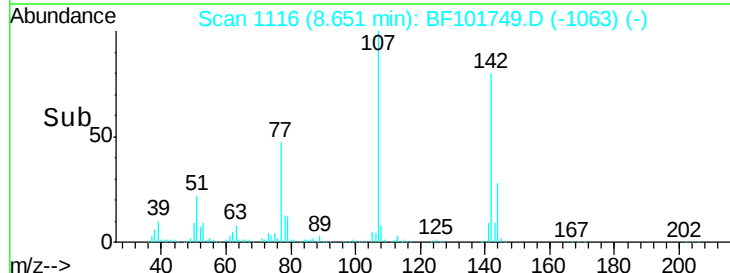
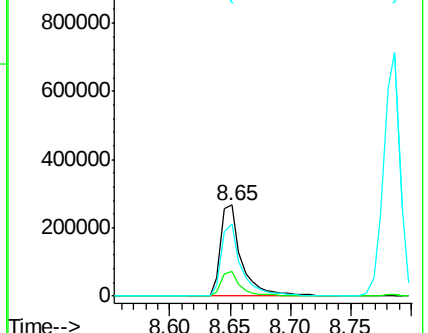
142 80.1 62.0 93.0

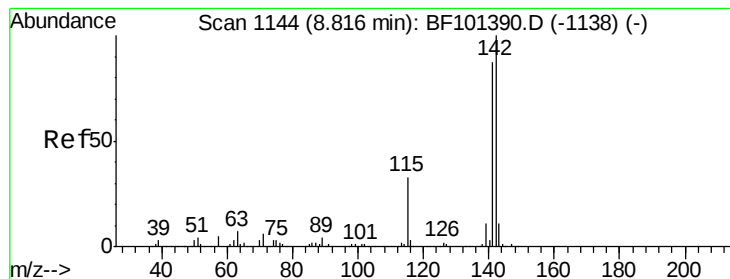


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.274 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

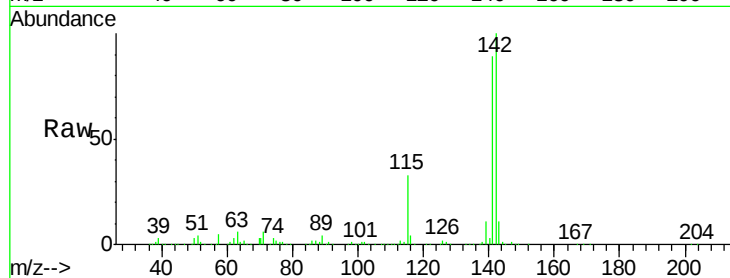
Tgt Ion:142 Resp: 686327

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

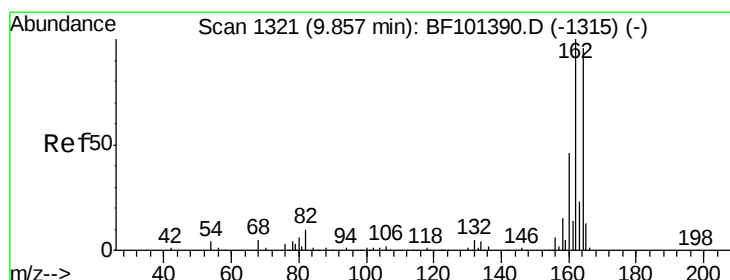
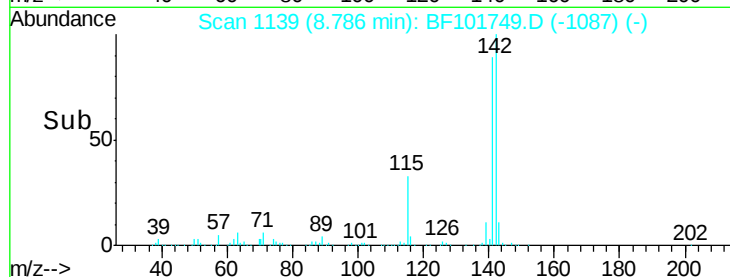
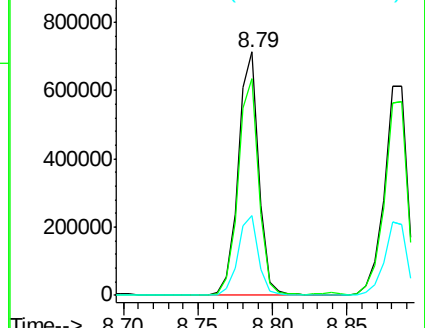
115 32.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

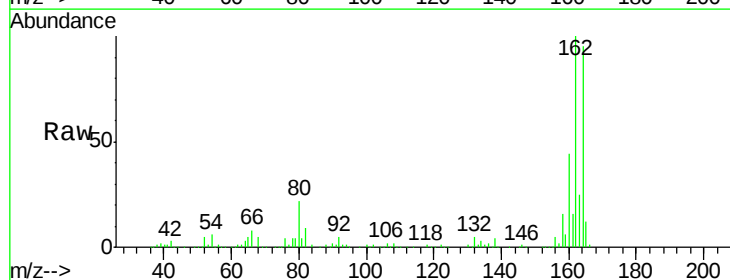
Tgt Ion:164 Resp: 210634

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

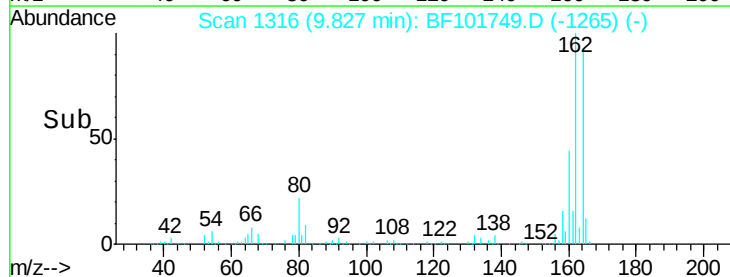
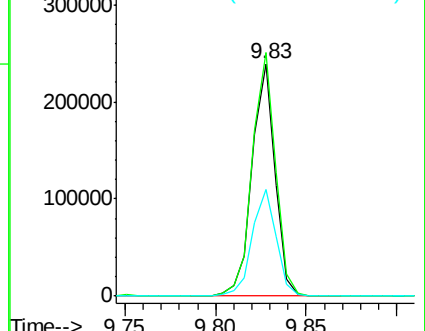
160 46.0 38.3 57.5

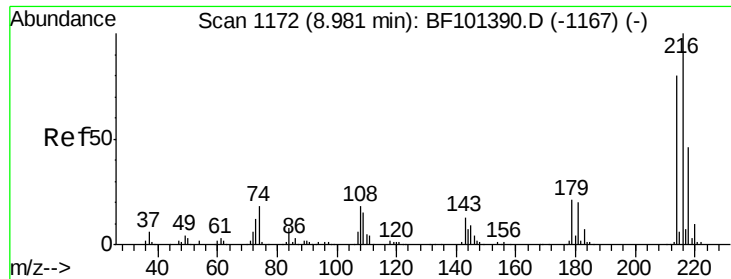


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

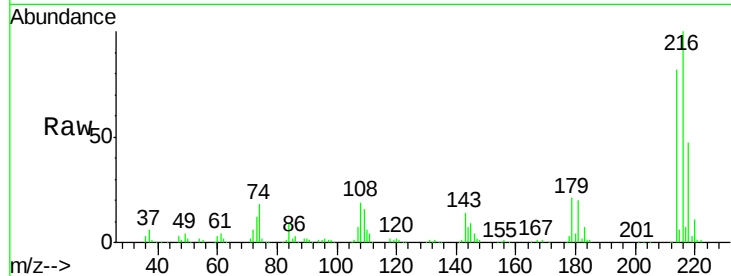




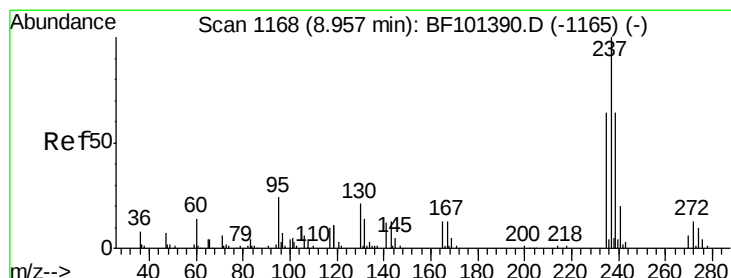
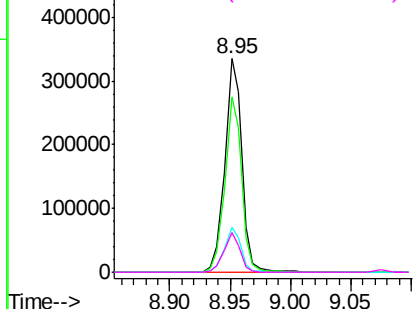
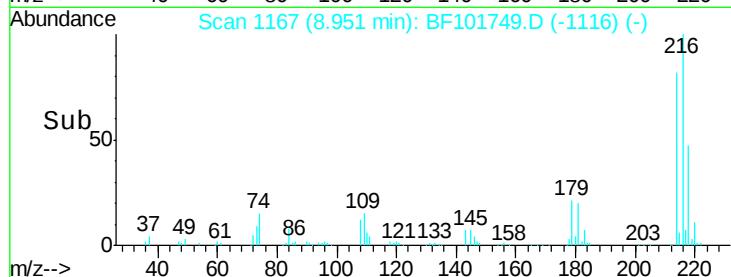
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.791 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Tgt Ion:	216	Resp:	325645
Ion Ratio	Lower	Upper	
216	100		
214	80.7	63.0	94.4
179	20.5	18.1	27.1
108	17.8	17.2	25.8

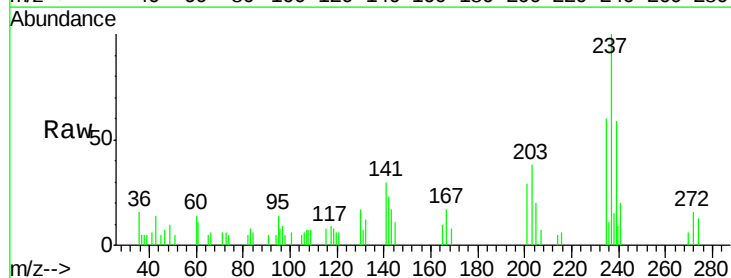


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

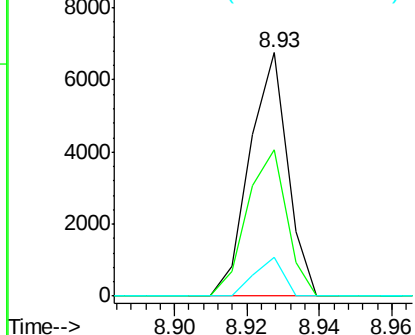
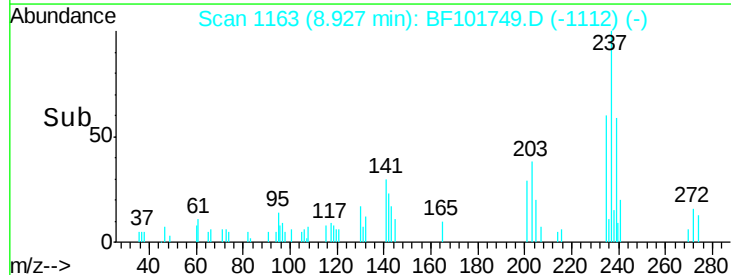


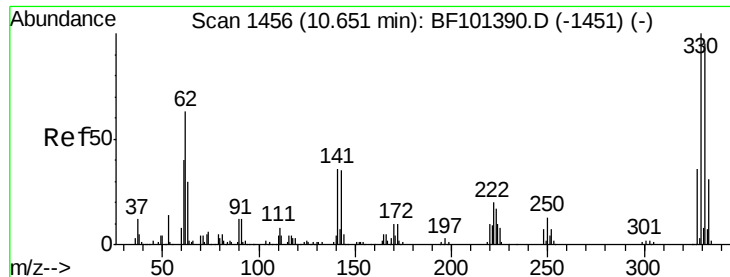
#40
 Hexachlorocyclopentadiene
 Concen: 15.947 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:	237	Resp:	4904
Ion Ratio	Lower	Upper	
237	100		
235	60.1	44.8	84.8
272	15.7	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

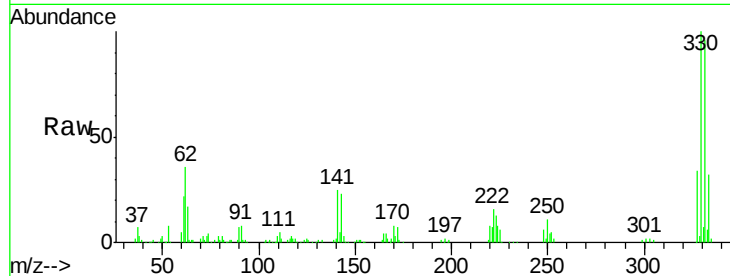




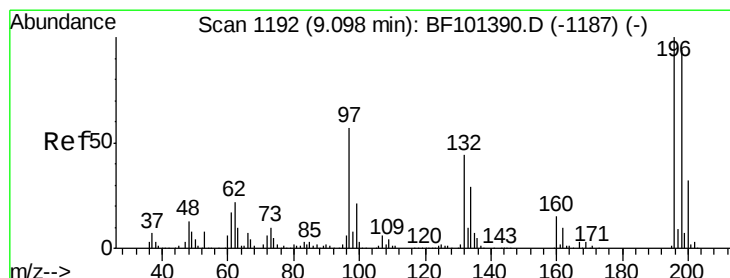
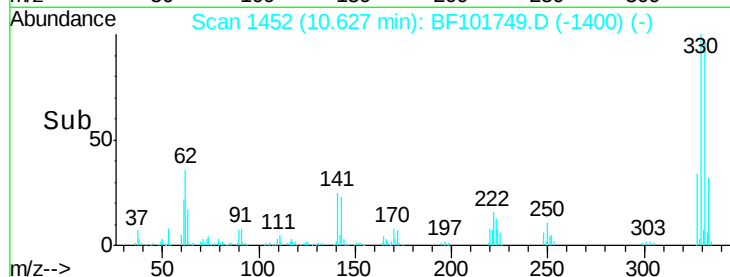
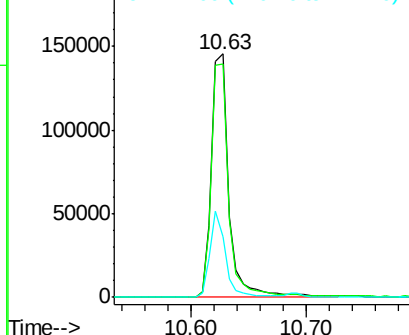
#41
 2,4,6-Tribromophenol
 Concen: 75.618 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Tgt Ion:330 Resp: 153476
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 31.5 29.9 44.9

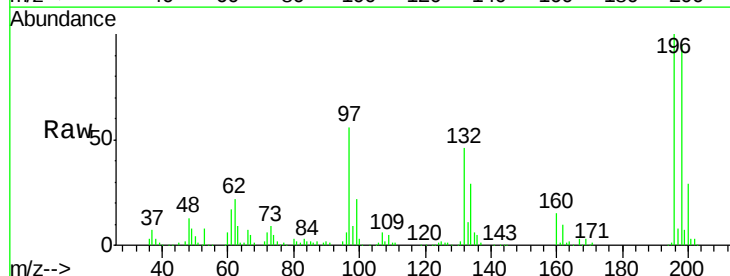


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

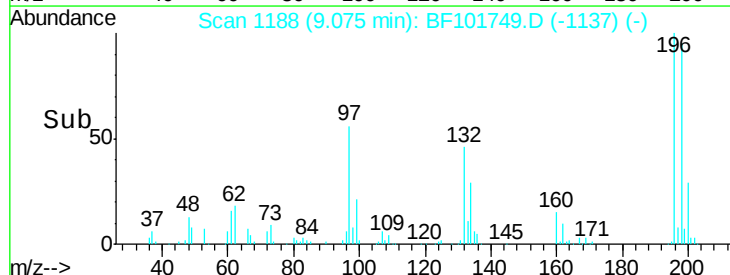
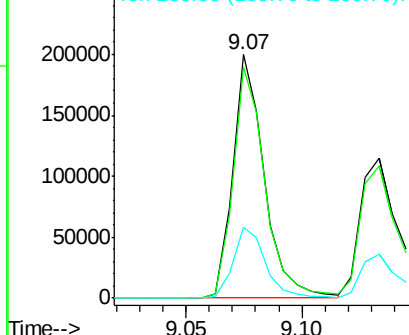


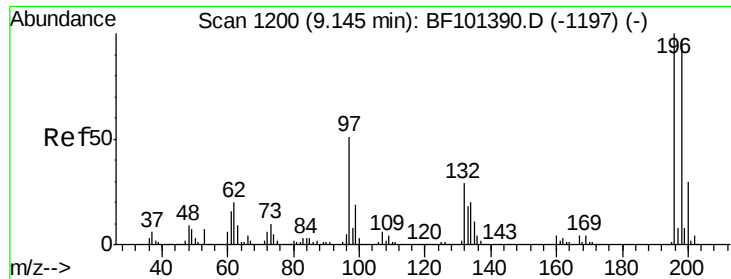
#42
 2,4,6-Trichlorophenol
 Concen: 44.183 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:196 Resp: 189162
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 28.9 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

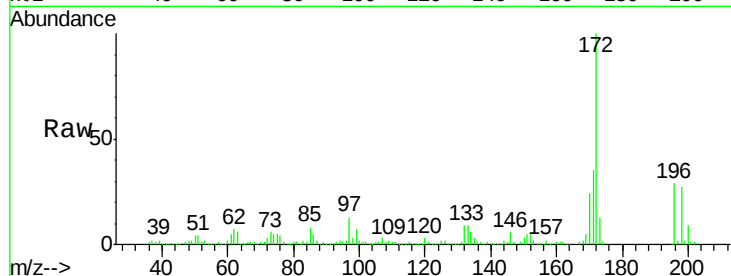




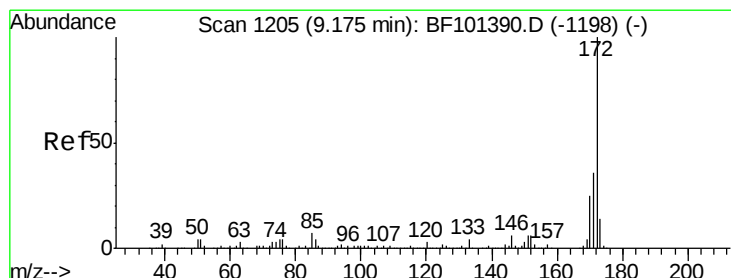
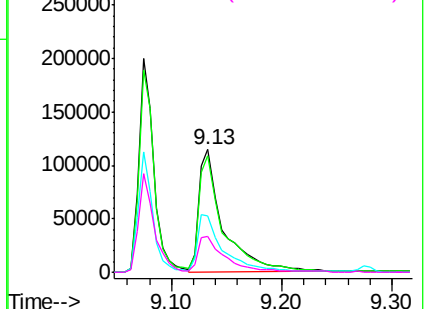
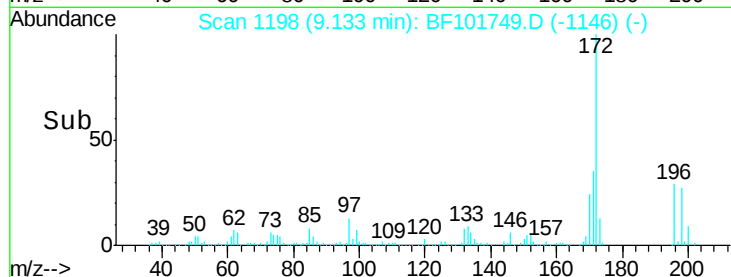
#43
 2,4,5-Trichlorophenol
 Concen: 36.497 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Tgt Ion:	196	Resp:	171090
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	45.8	42.9	64.3
132	29.5	26.3	39.5

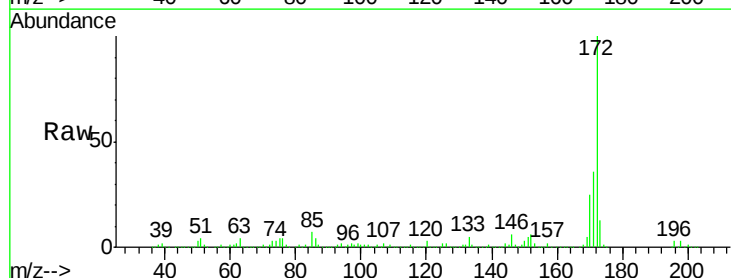


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

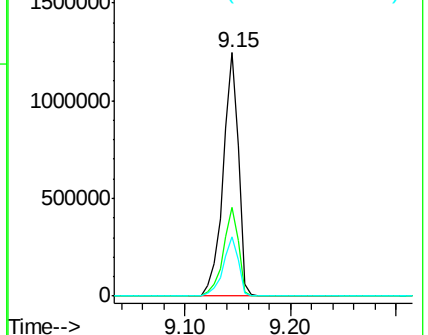
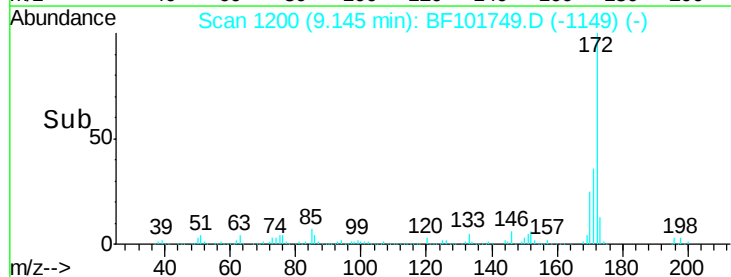


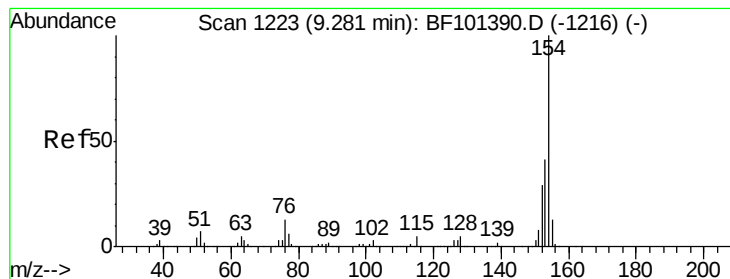
#44
 2-Fluorobiphenyl
 Concen: 93.009 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:	172	Resp:	1262915
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	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: 44.253 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

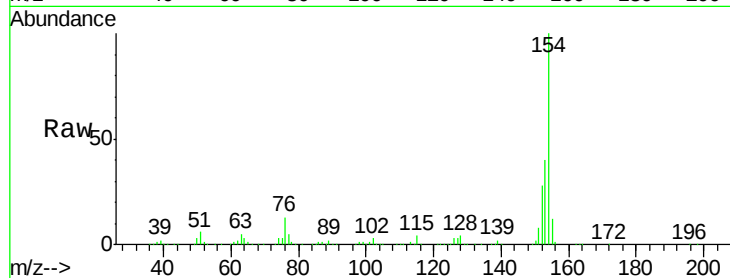
Tgt Ion:154 Resp: 826655

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

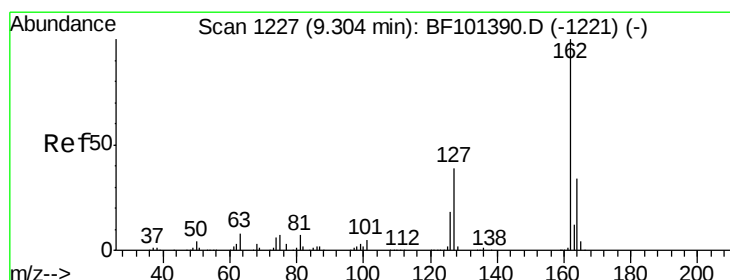
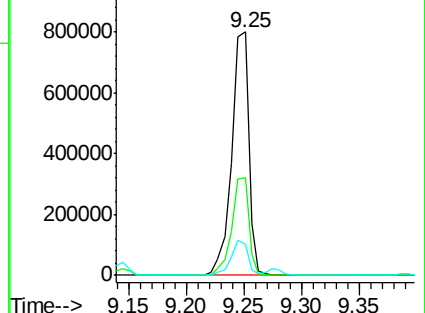
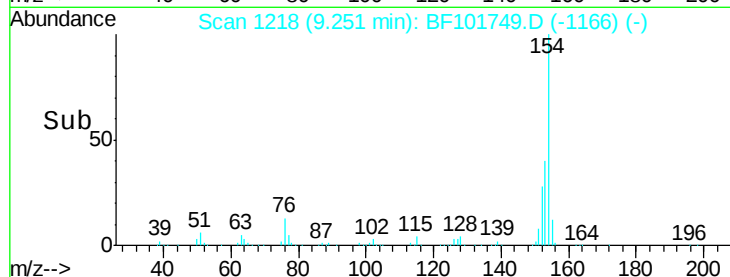
76 12.7 0.0 34.0



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: 42.030 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

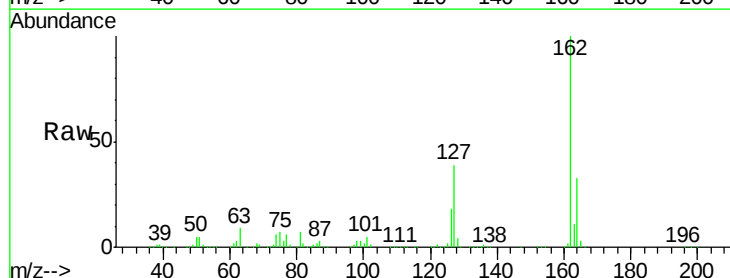
Tgt Ion:162 Resp: 600746

Ion Ratio Lower Upper

162 100

127 39.1 33.9 50.9

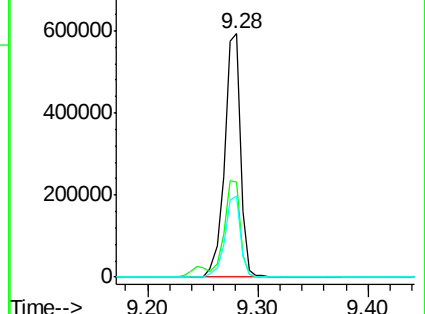
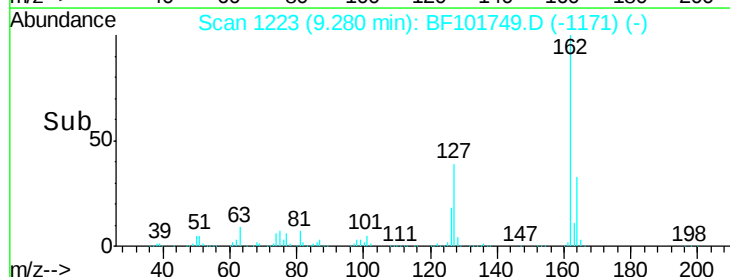
164 33.1 26.5 39.7

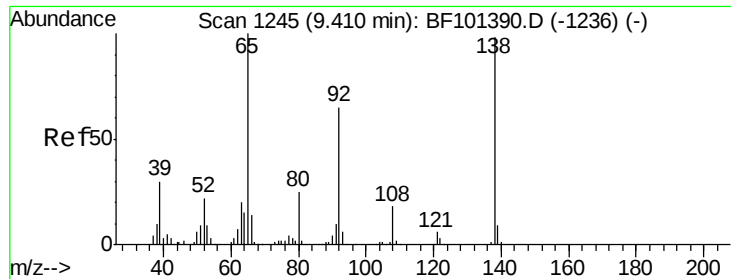


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

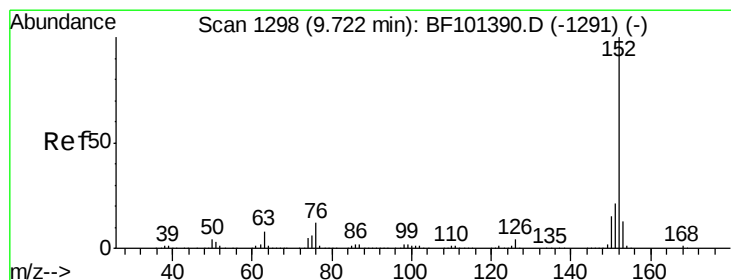
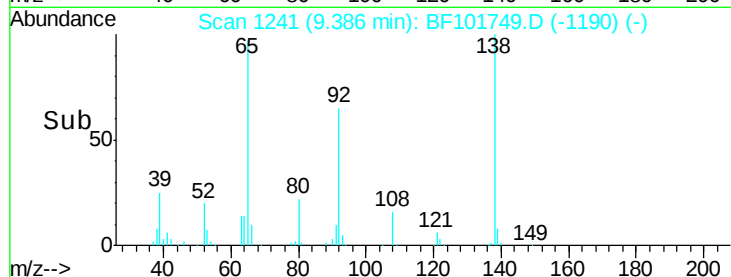
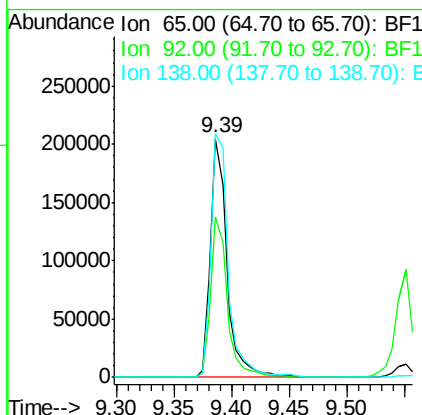
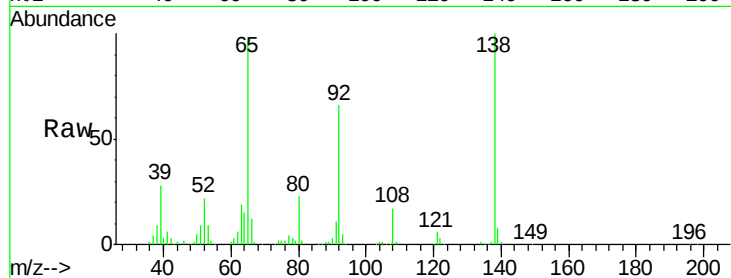




#47
2-Nitroaniline
Concen: 41.576 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

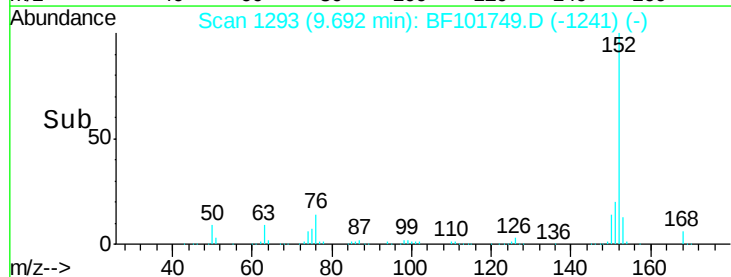
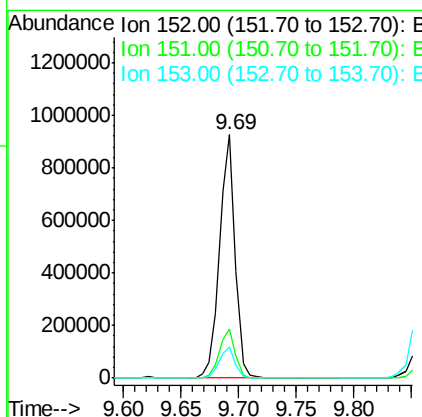
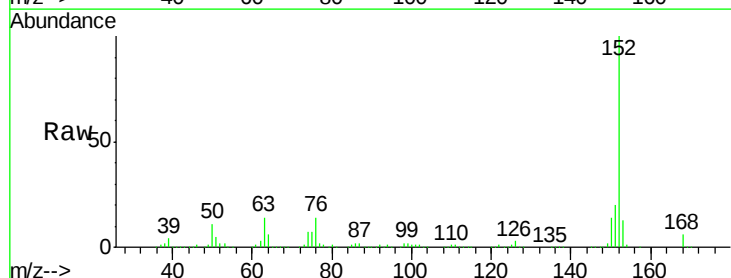
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

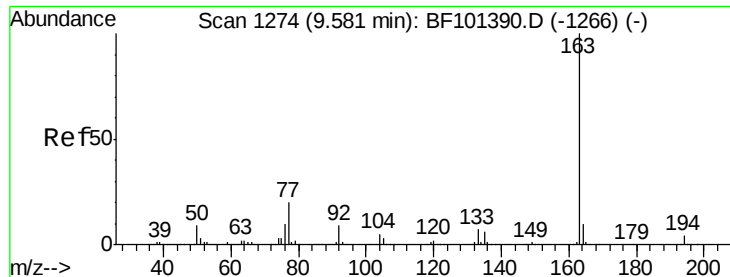
Tgt Ion: 65 Resp: 205289
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 102.1 91.2 136.8



#48
Acenaphthylene
Concen: 38.250 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion: 152 Resp: 863515
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 40.819 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

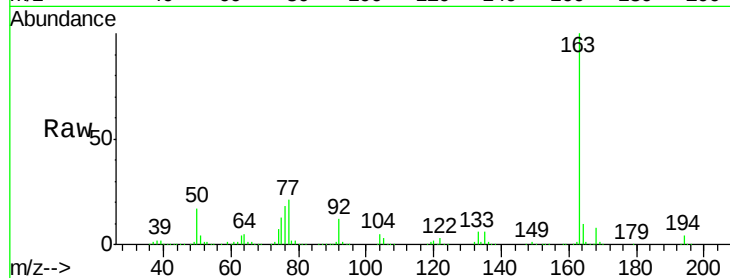
Tgt Ion:163 Resp: 691574

Ion Ratio Lower Upper

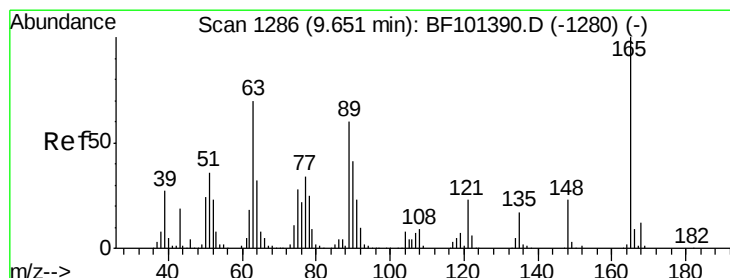
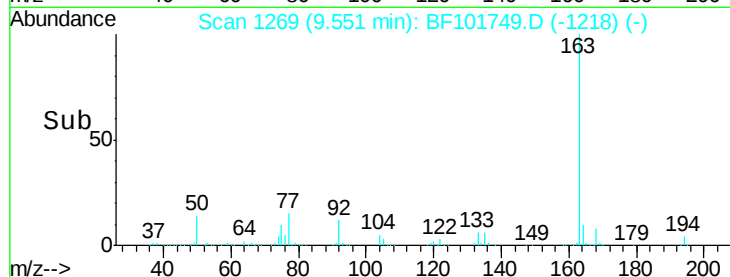
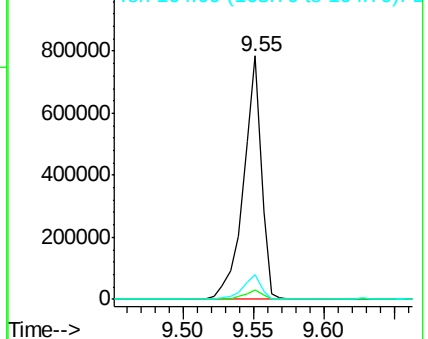
163 100

194 3.9 2.7 4.1

164 10.2 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: 40.921 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

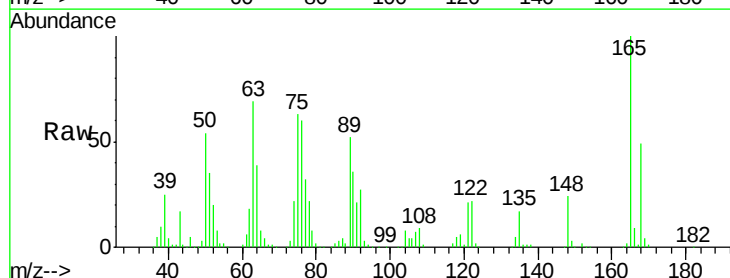
Tgt Ion:165 Resp: 140910

Ion Ratio Lower Upper

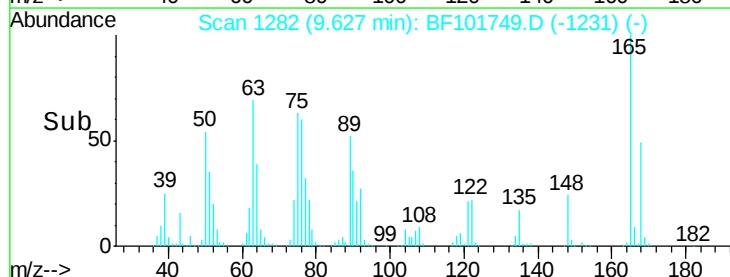
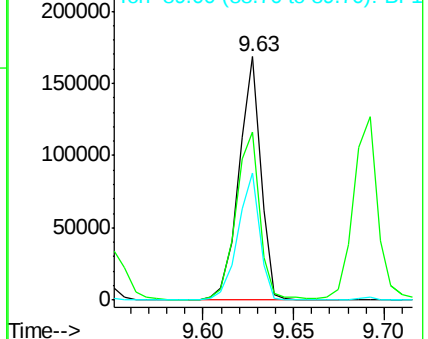
165 100

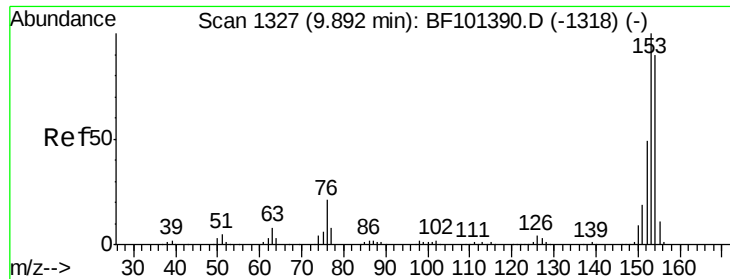
63 69.3 44.7 67.1#

89 52.4 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: 38.500 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

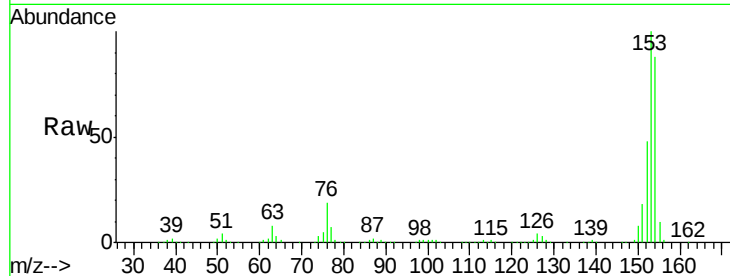
Tgt Ion:154 Resp: 522195

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

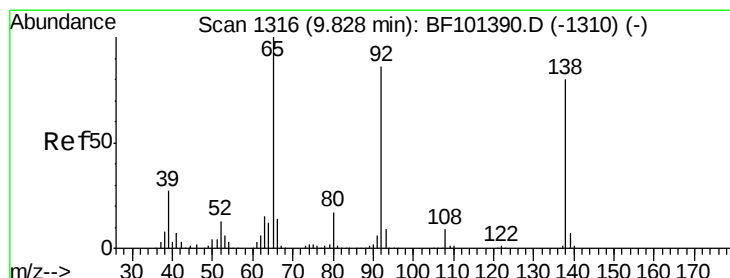
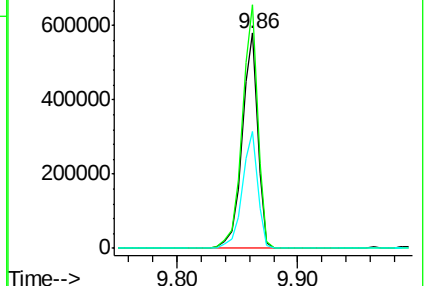
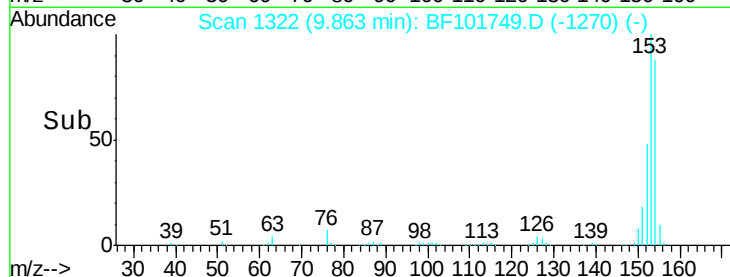
152 54.5 43.8 65.8



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: 32.883 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

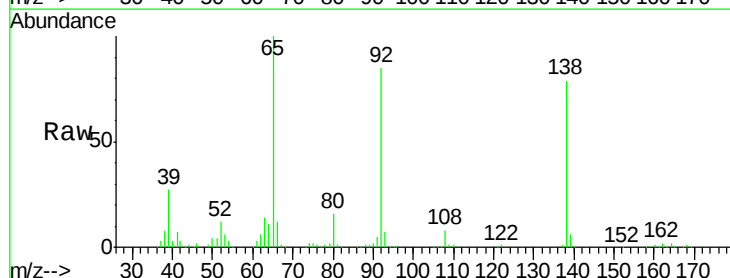
Tgt Ion:138 Resp: 141172

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

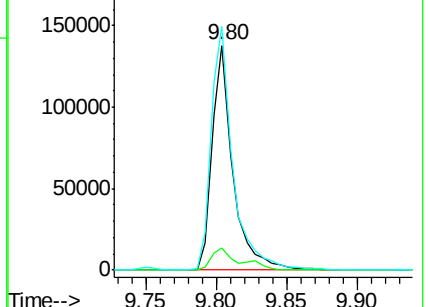
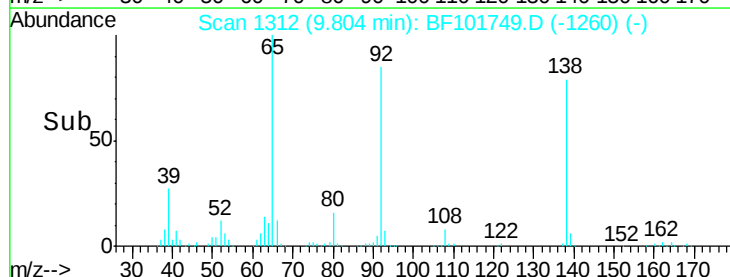
92 108.5 89.4 134.2

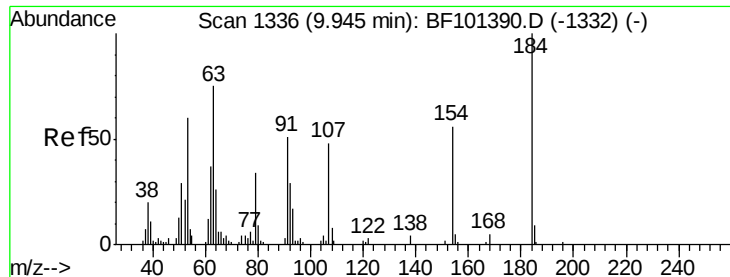


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

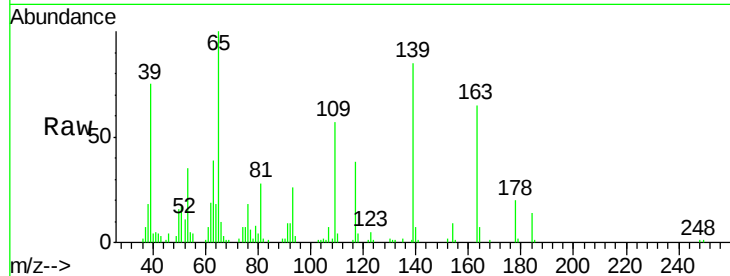




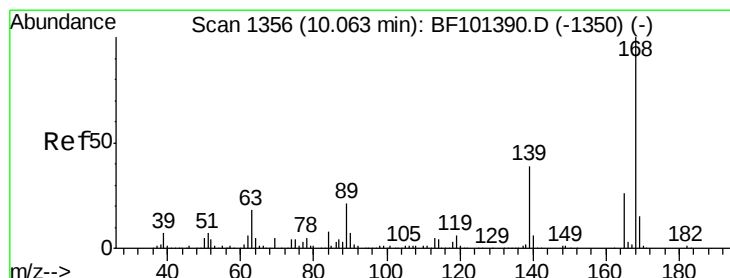
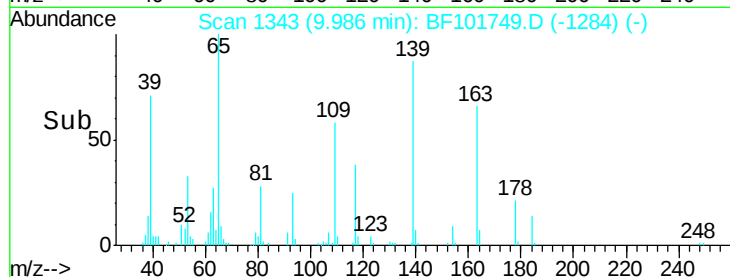
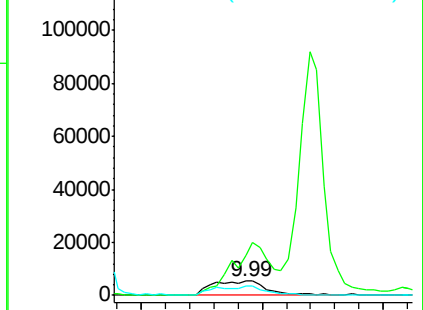
#53
2,4-Dinitrophenol
Concen: 22.618 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.05 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion:184 Resp: 16934
Ion Ratio Lower Upper
184 100
63 282.1 54.2 81.2#
154 62.6 184.0 276.0#

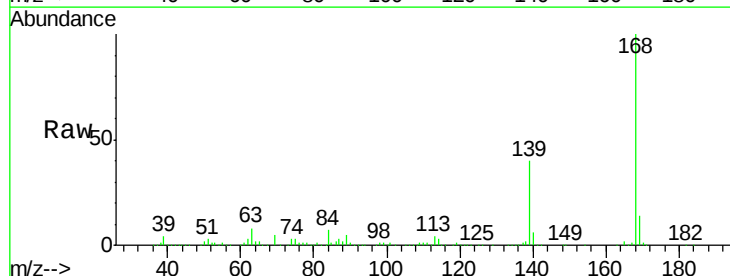


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

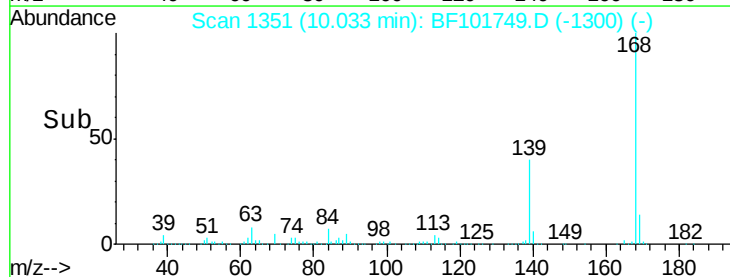
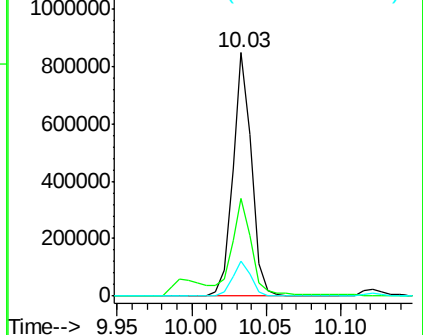


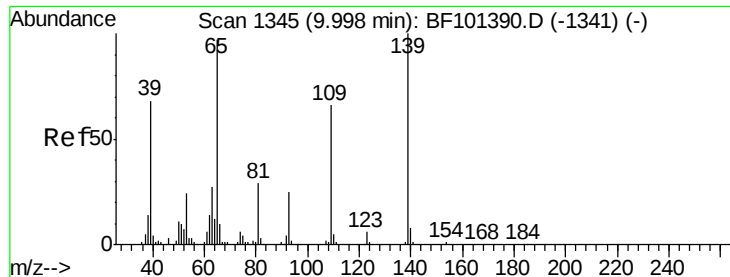
#54
Dibenzofuran
Concen: 43.206 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:168 Resp: 744740
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 14.3 10.9 16.3



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

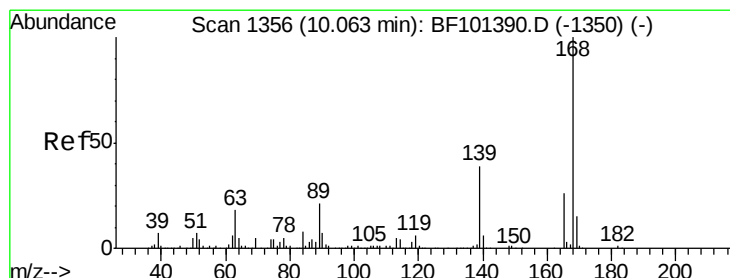
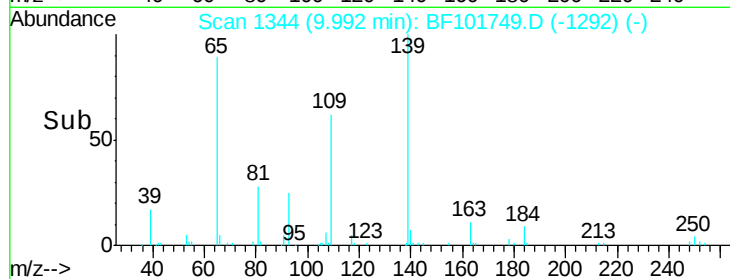
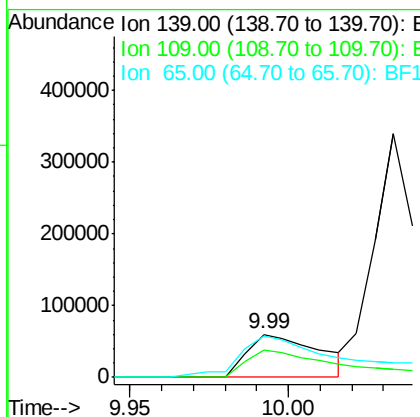
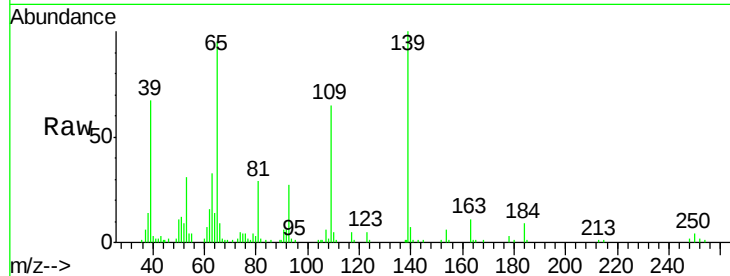




#55
4-Nitrophenol
Concen: 50.114 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

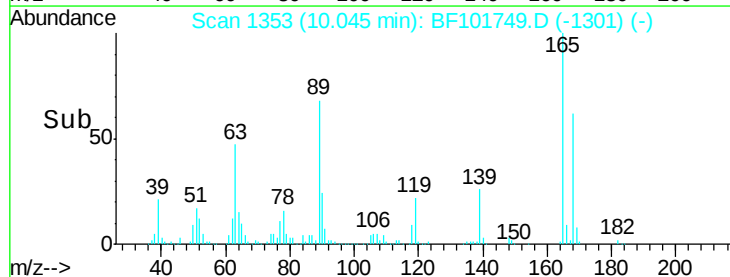
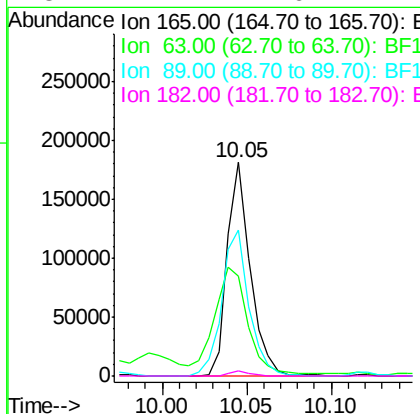
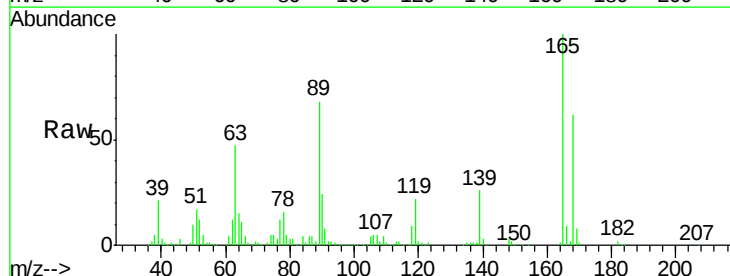
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

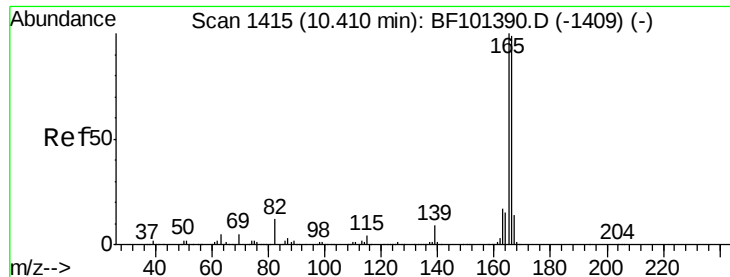
Tgt Ion:139 Resp: 93813
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 95.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.445 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:165 Resp: 172431
Ion Ratio Lower Upper
165 100
63 47.0 36.4 54.6
89 68.4 57.8 86.6
182 2.4 1.6 2.4#

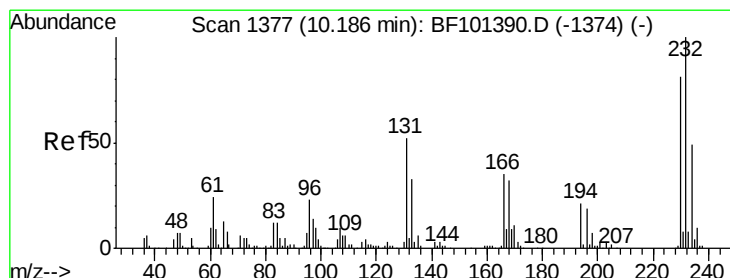
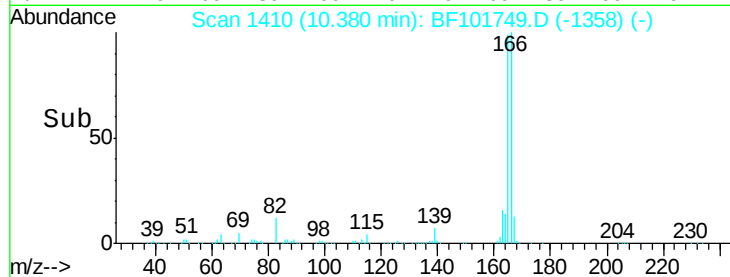
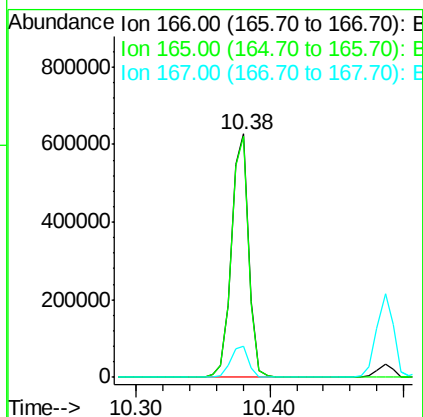
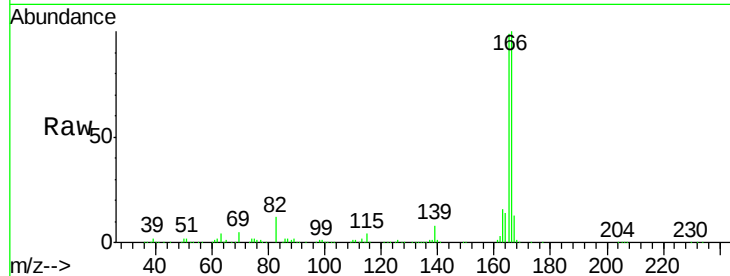




#57
Fluorene
 Concen: 39.281 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

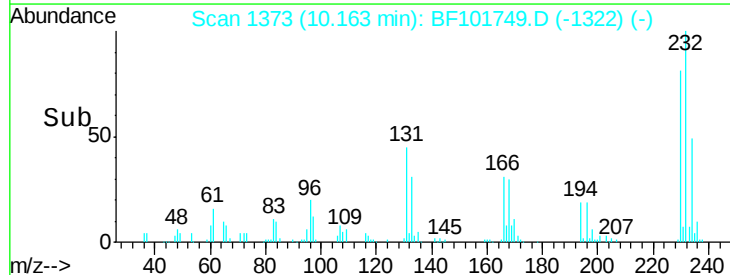
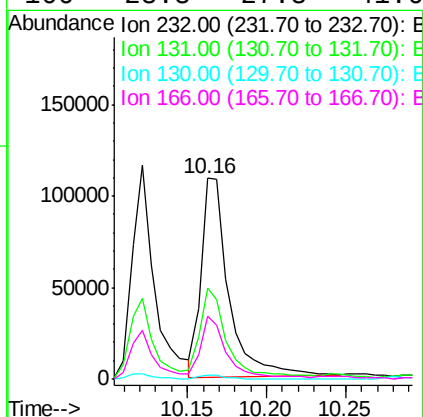
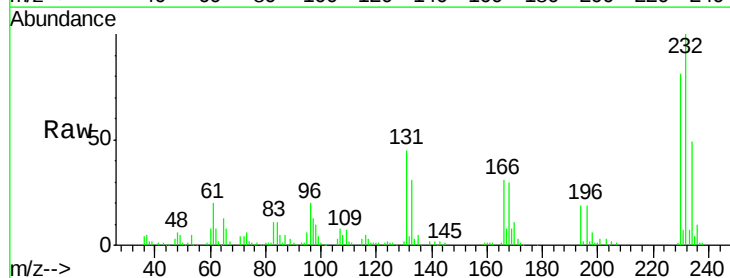
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

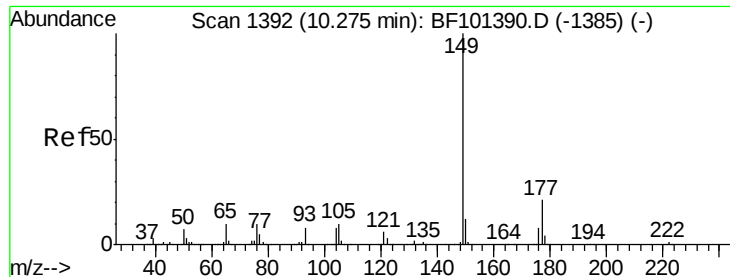
Tgt Ion:166 Resp: 572780
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.485 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:232 Resp: 132984
 Ion Ratio Lower Upper
 232 100
 131 46.5 43.8 65.8
 130 2.0 2.1 3.1#
 166 28.8 27.8 41.6

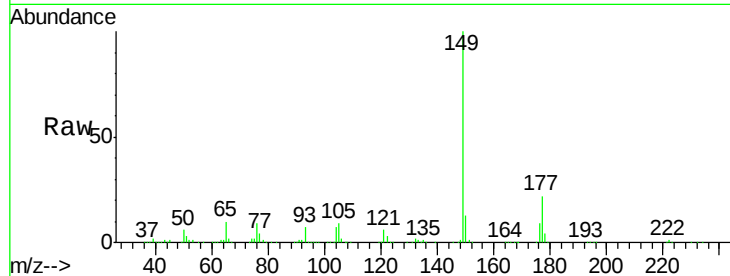




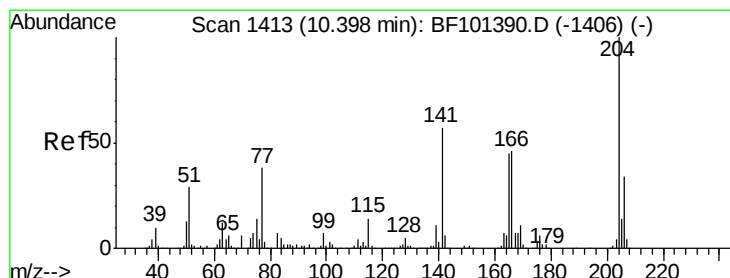
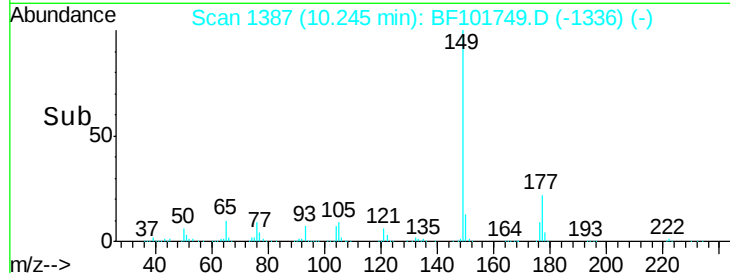
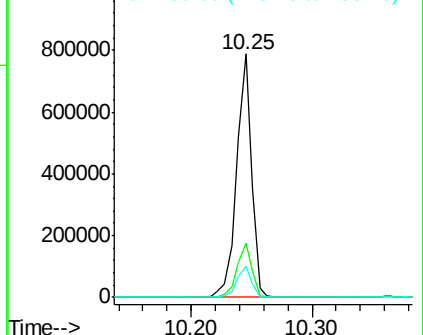
#59
Diethylphthalate
Concen: 40.667 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Instrument :
BNA_F
ClientSampleId :
PB105328BSD

Tgt Ion:149 Resp: 682316
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.7 10.1 15.1

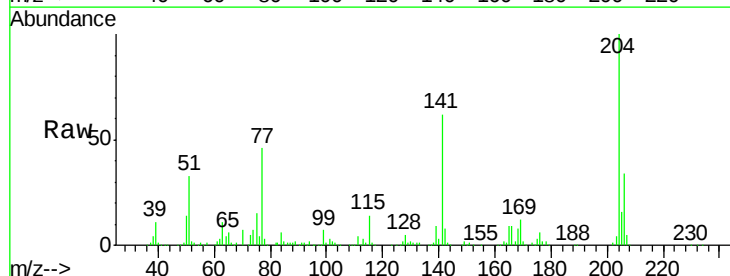


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

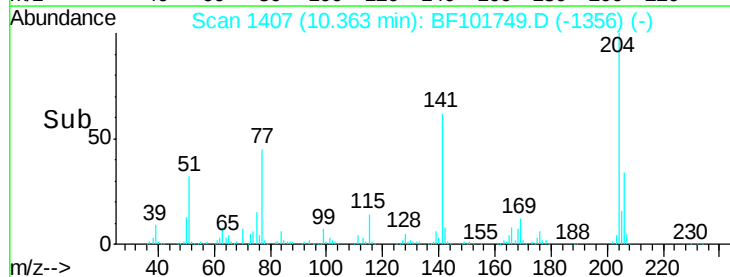
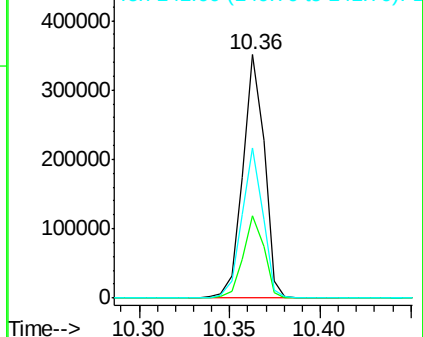


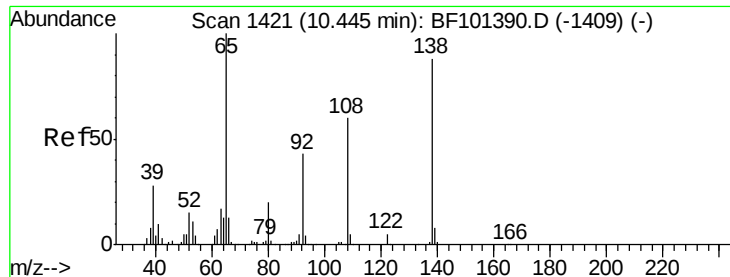
#60
4-Chlorophenyl-phenylether
Concen: 41.577 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:204 Resp: 290555
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 61.8 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

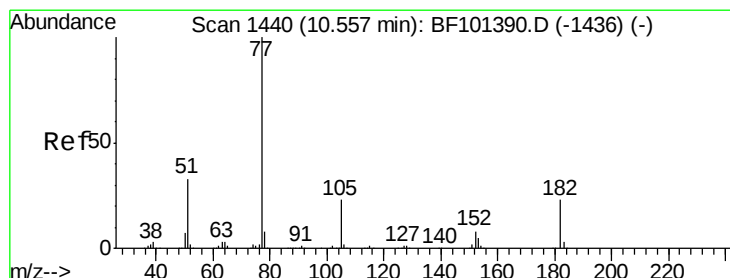
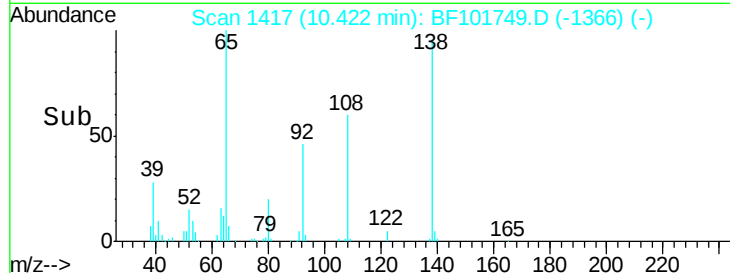
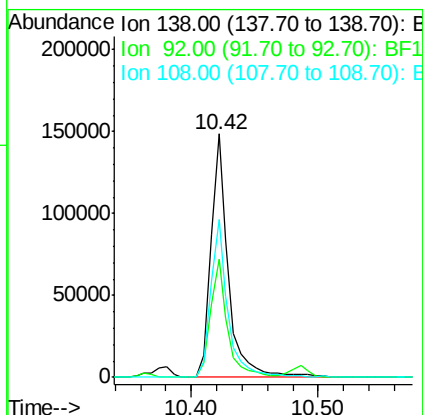
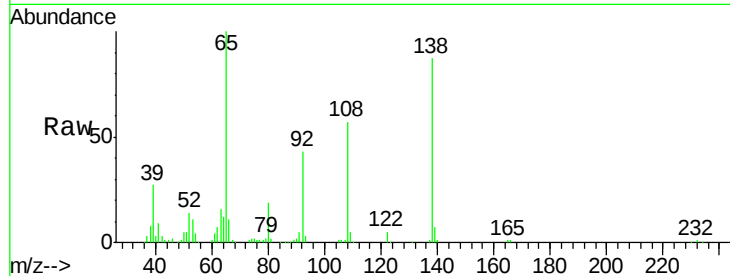




#61
4-Nitroaniline
Concen: 33.311 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

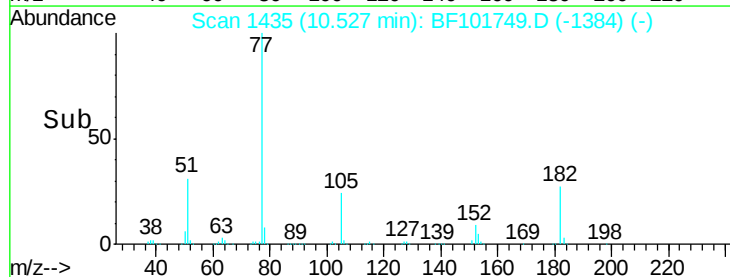
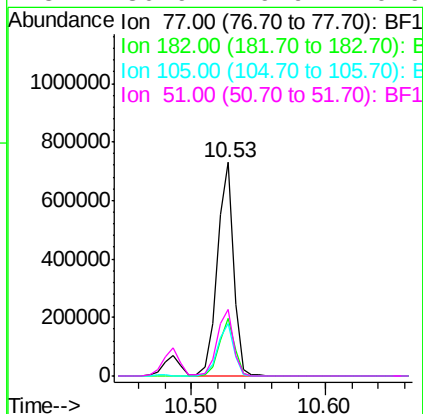
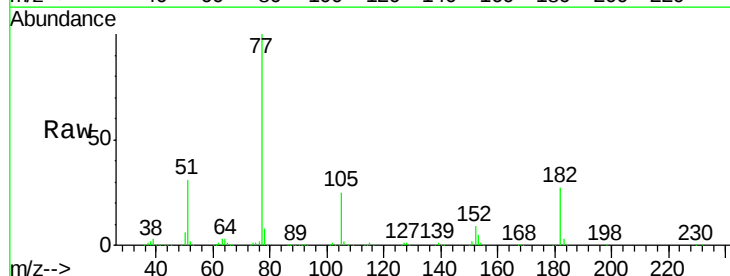
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

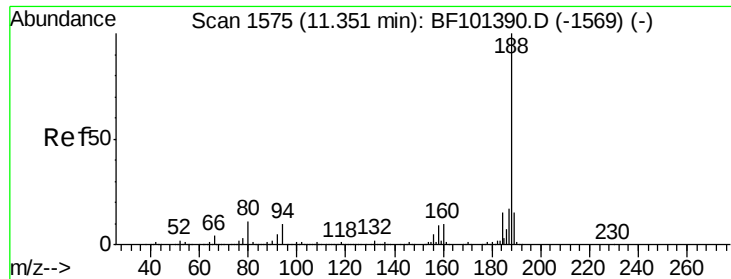
Tgt Ion: 138 Resp: 143748
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 64.9 52.5 92.5



#62
Azobenzene
Concen: 36.070 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion: 77 Resp: 626909
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 24.5 3.0 43.0
51 30.9 9.9 49.9

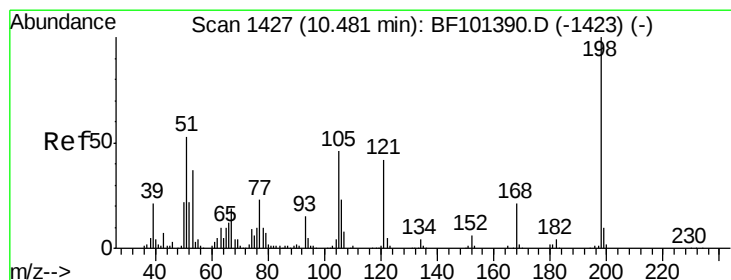
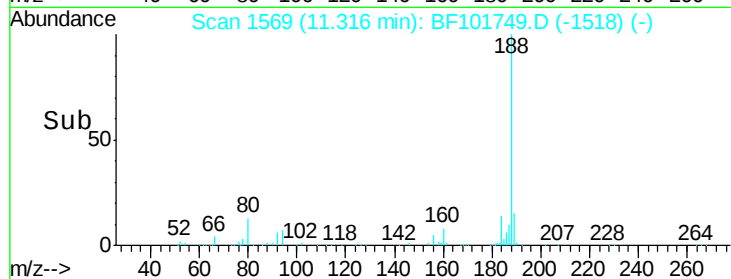
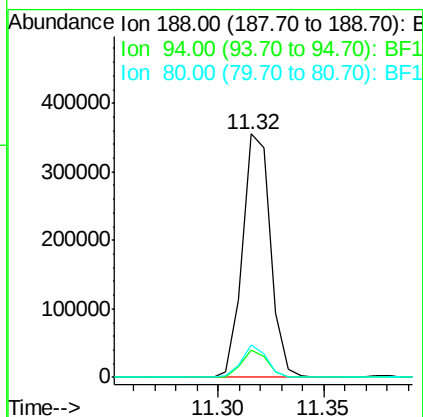
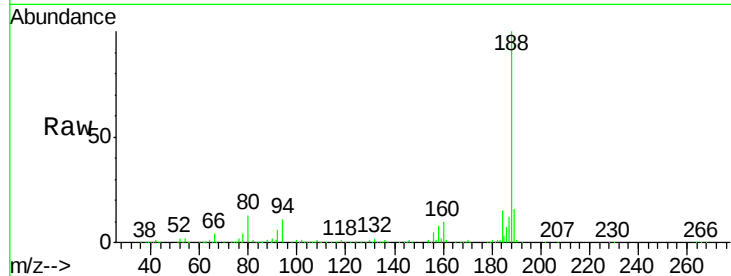




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

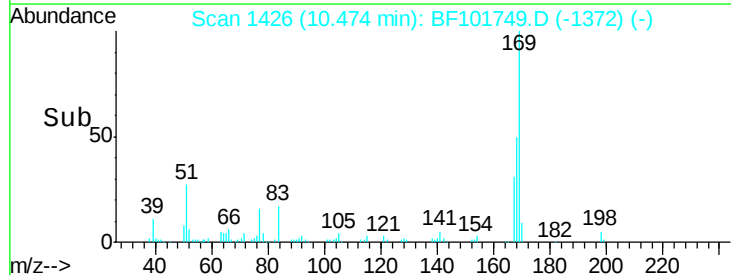
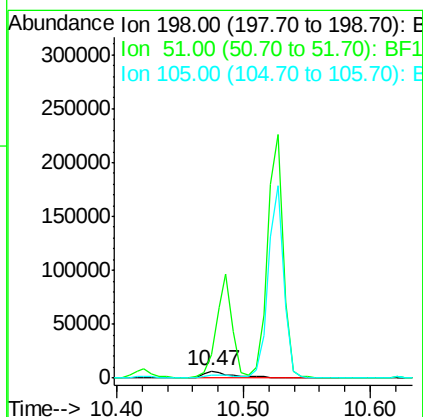
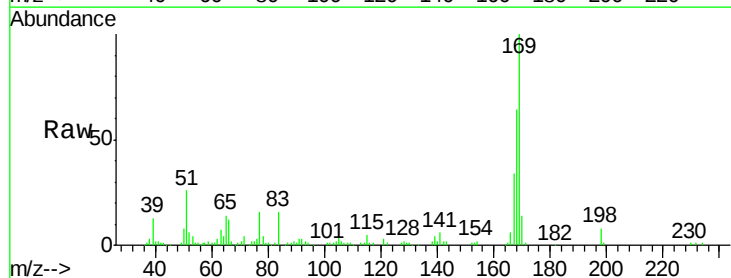
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

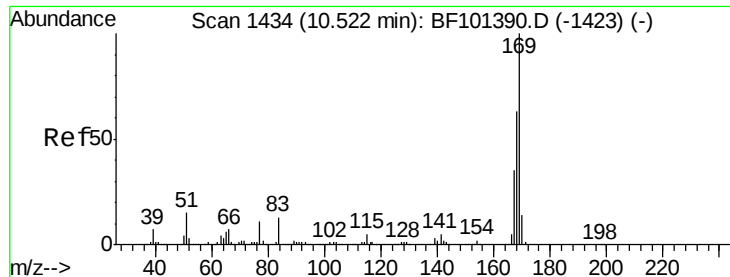
Tgt Ion:188 Resp: 326068
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 13.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.712 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:198 Resp: 11168
Ion Ratio Lower Upper
198 100
51 331.2 37.7 77.7#
105 47.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.959 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

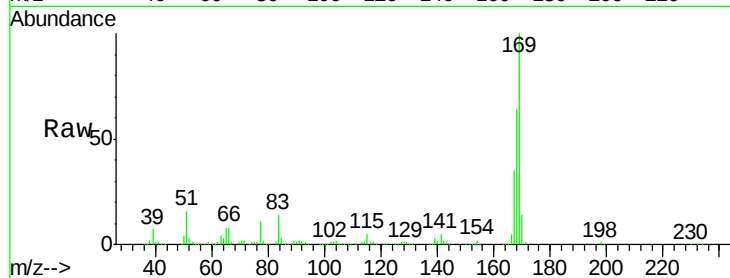
BNA_F

ClientSampleId :

PB105328BSD

Tgt Ion:169 Resp: 529257

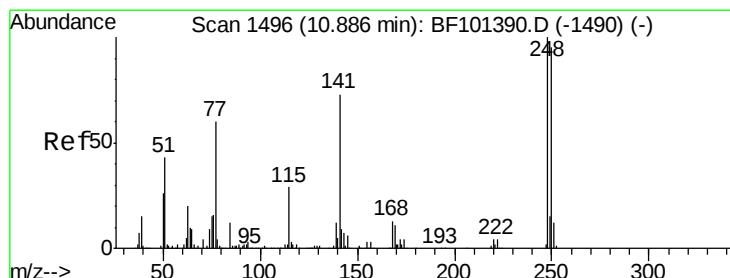
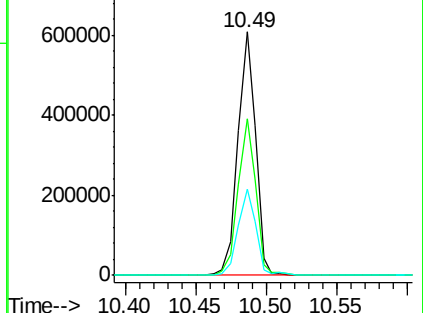
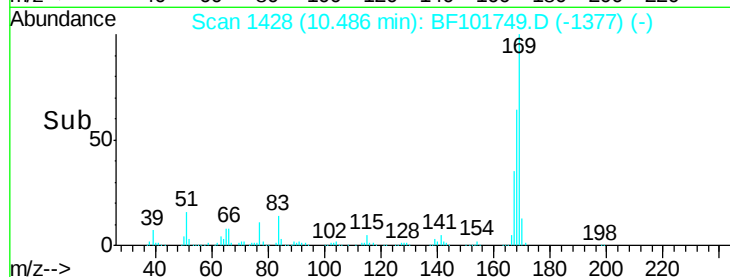
Ion	Ratio	Lower	Upper
169	100		
168	64.5	54.4	81.6
167	35.5	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.796 ng

RT: 10.86 min Scan# 1491

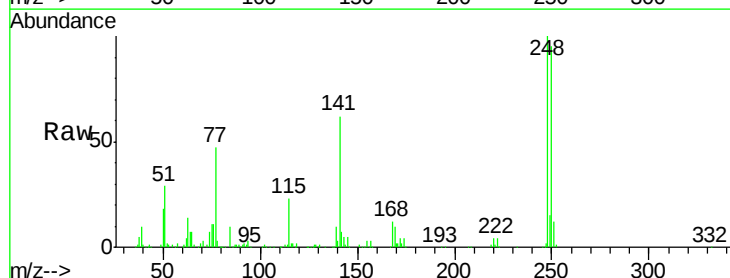
Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Tgt Ion:248 Resp: 171451

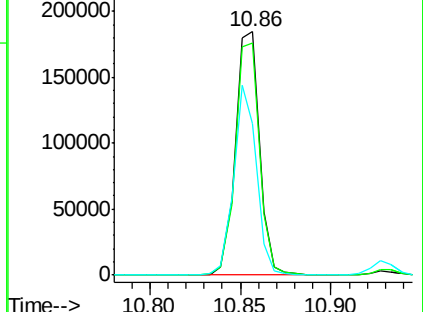
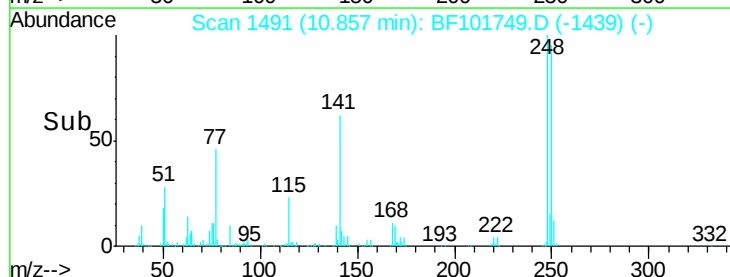
Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.9	115.3
141	62.2	74.4	111.6#

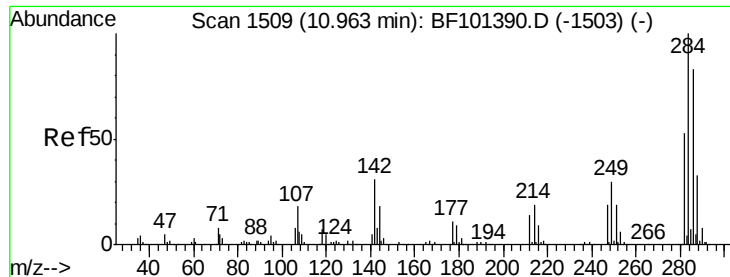


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

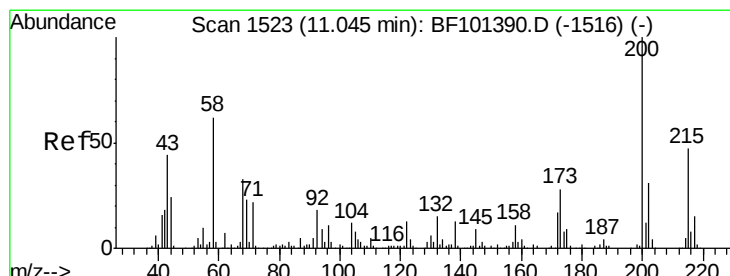
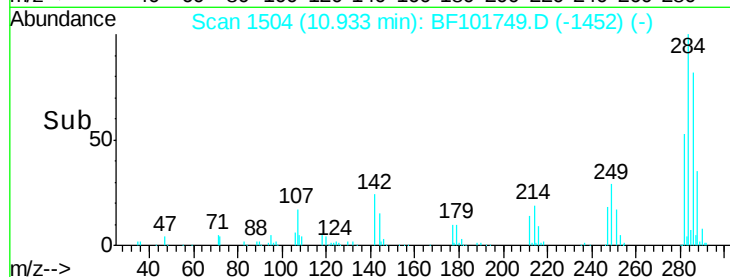
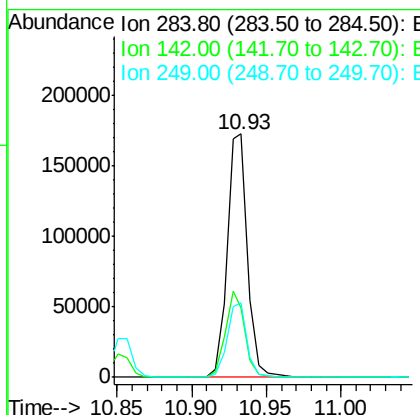
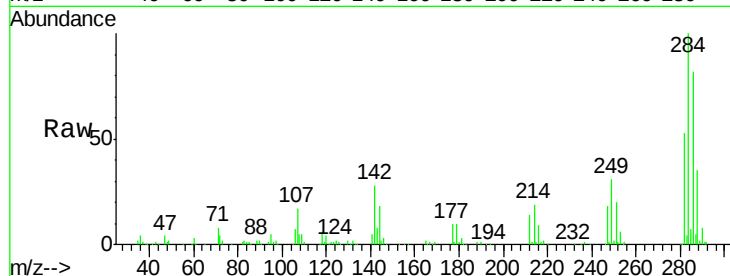




#67
Hexachlorobenzene
Concen: 42.932 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

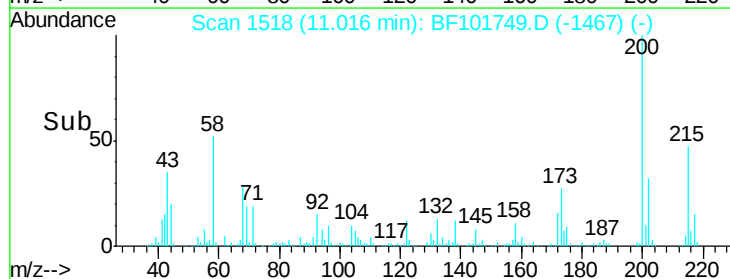
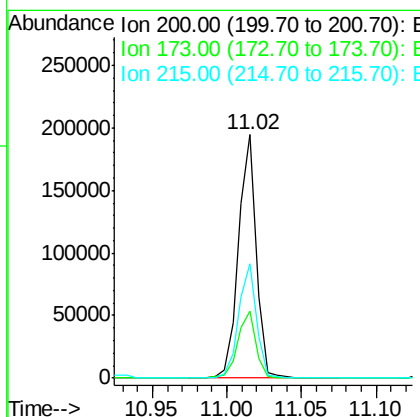
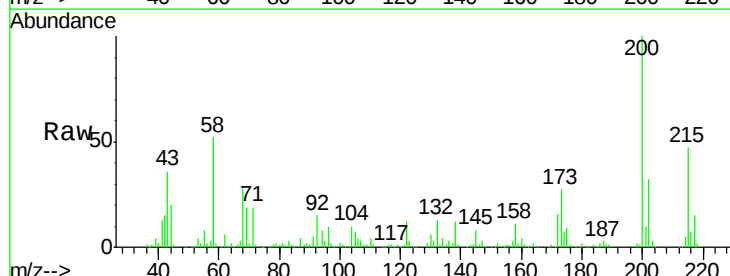
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

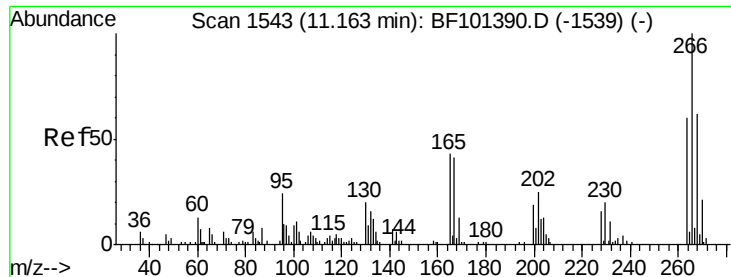
Tgt Ion:284 Resp: 166476
Ion Ratio Lower Upper
284 100
142 28.3 34.6 52.0#
249 30.6 24.8 37.2



#68
Atrazine
Concen: 45.352 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:200 Resp: 162812
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 47.2 25.1 65.1

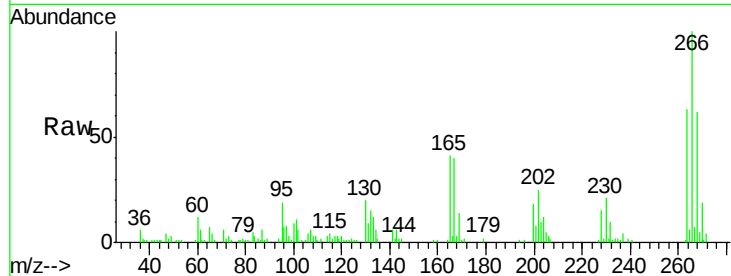




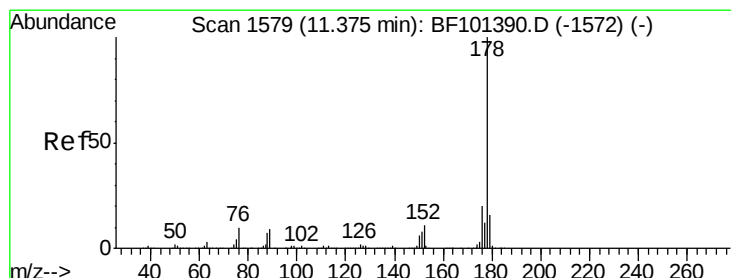
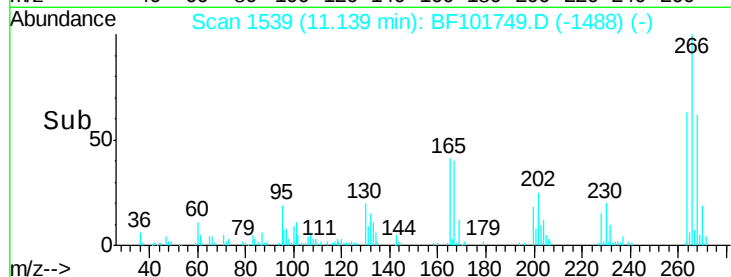
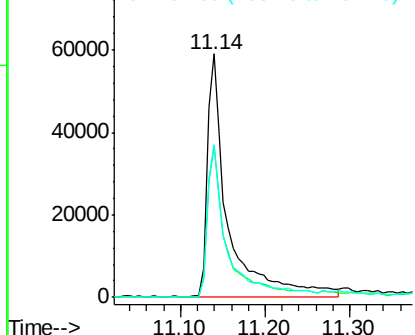
#69
 Pentachlorophenol
 Concen: 68.268 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	62.9	49.5	74.3

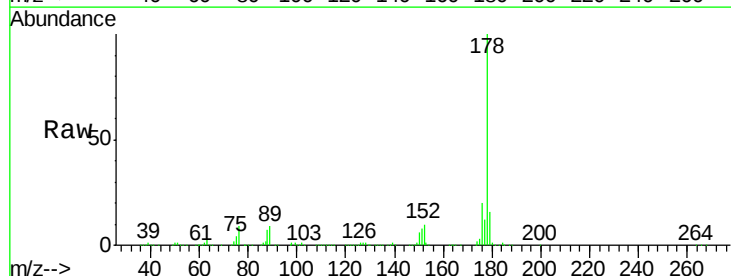


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

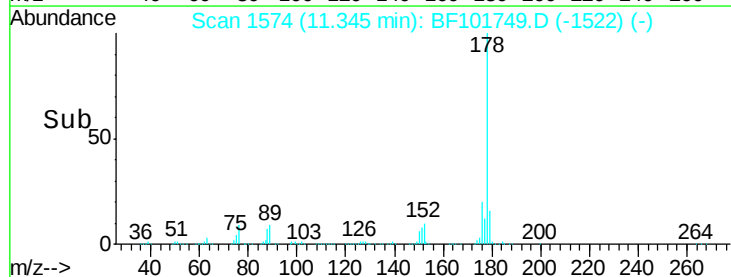
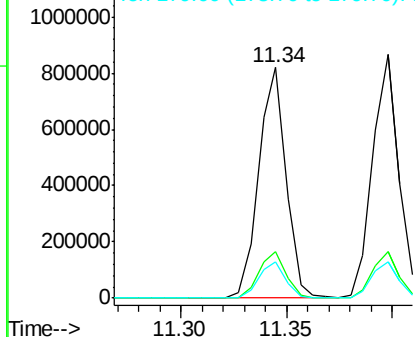


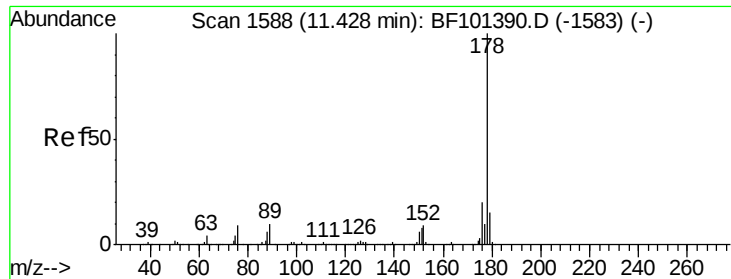
#70
 Phenanthrene
 Concen: 40.771 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	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: 41.575 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

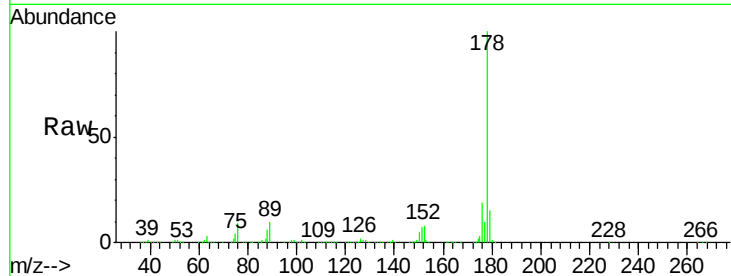
Tgt Ion:178 Resp: 770081

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

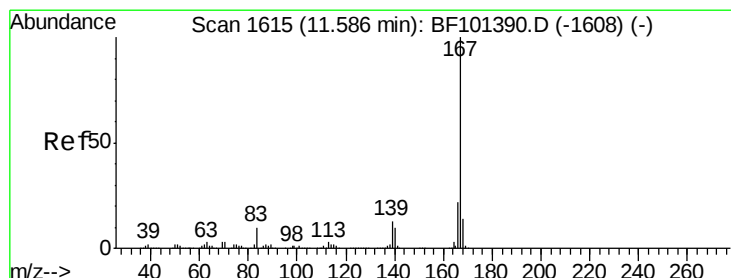
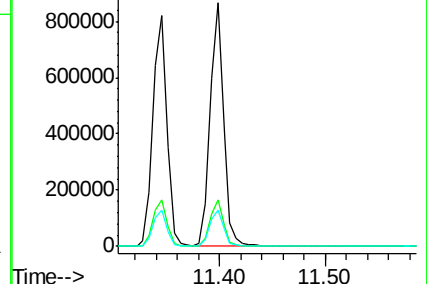
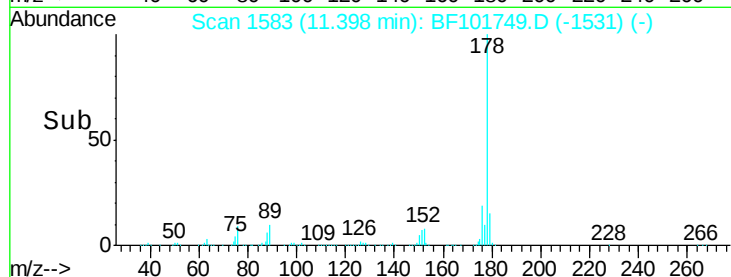
179 15.0 12.6 19.0



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: 39.885 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

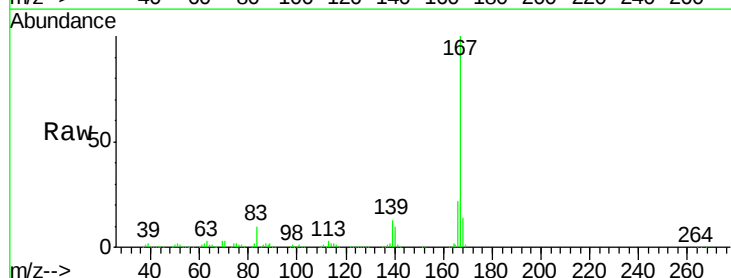
Tgt Ion:167 Resp: 691685

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

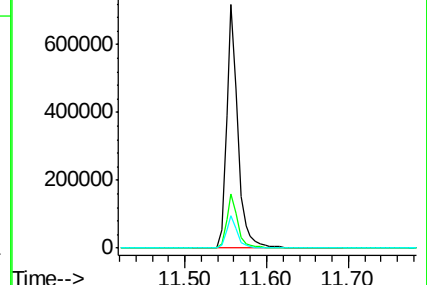
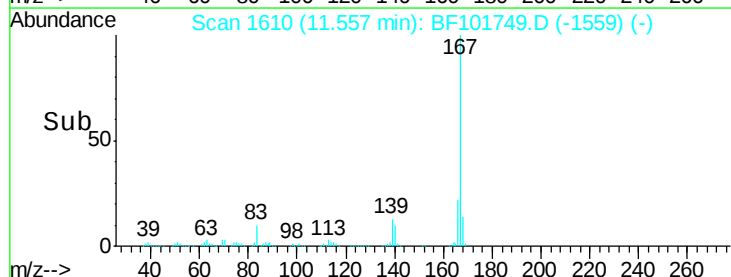
139 13.1 10.9 16.3

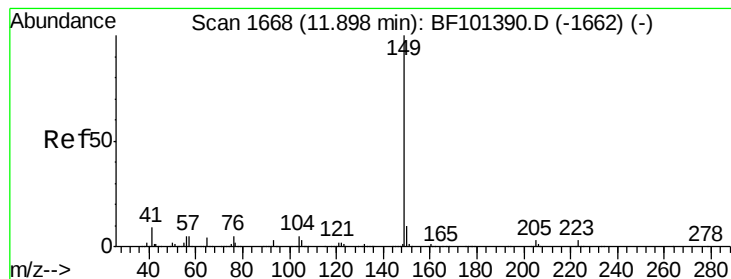


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.884 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

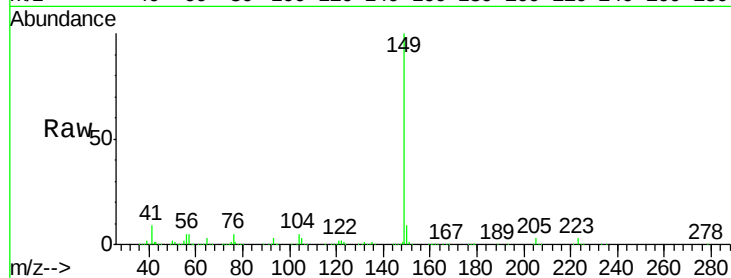
Tgt Ion:149 Resp: 923692

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

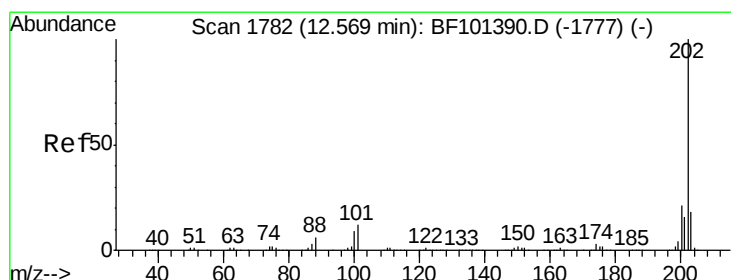
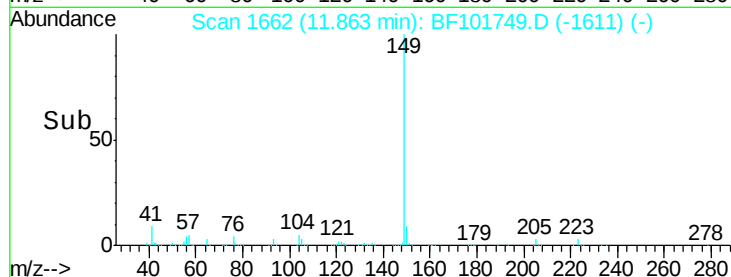
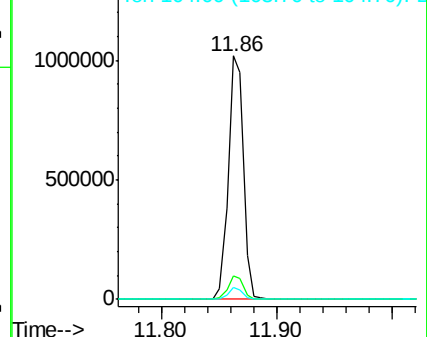
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.492 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

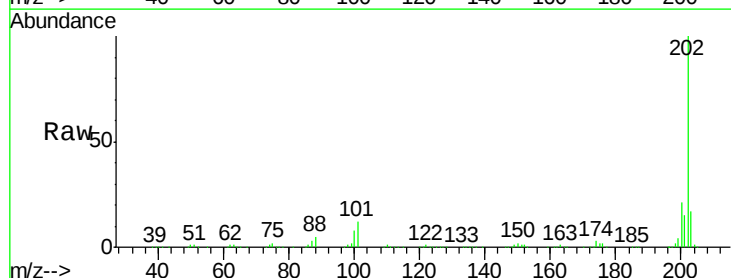
Tgt Ion:202 Resp: 751658

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

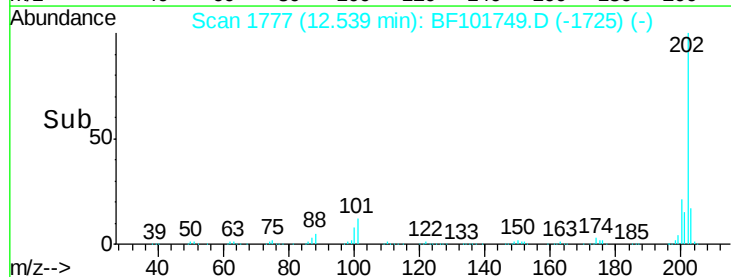
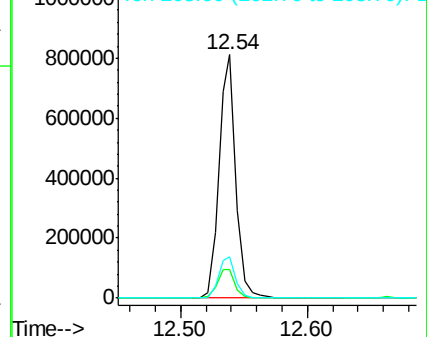
203 17.2 0.0 38.1

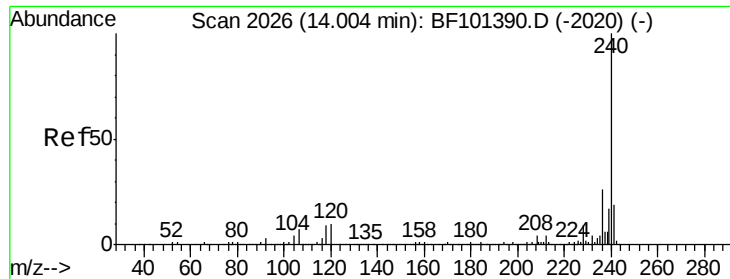


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

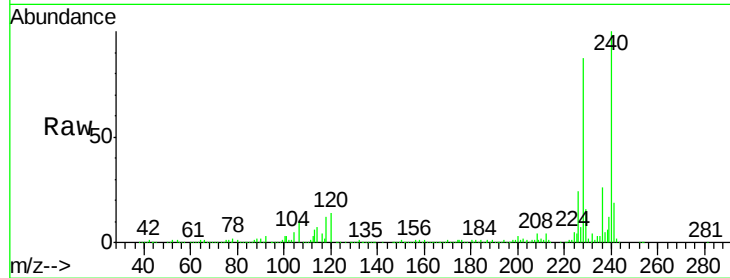
Tgt Ion:240 Resp: 272595

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

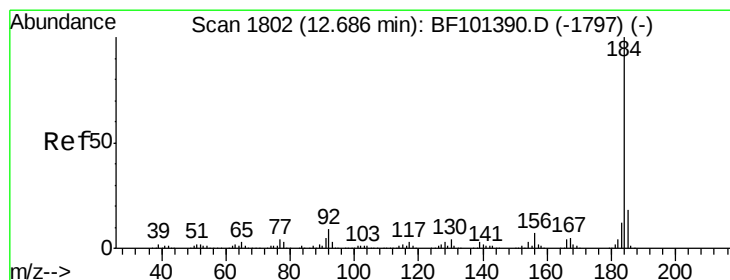
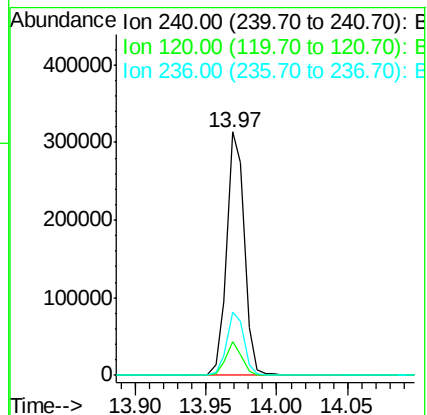
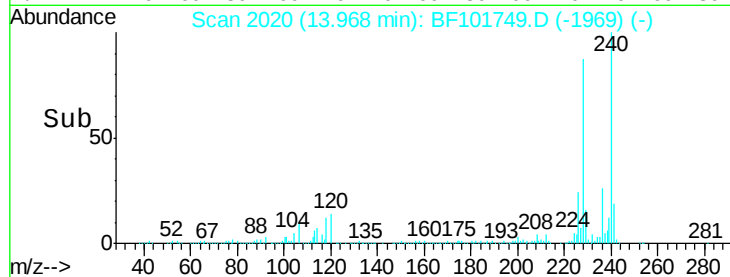
236 25.7 20.7 31.1



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: 53.007 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

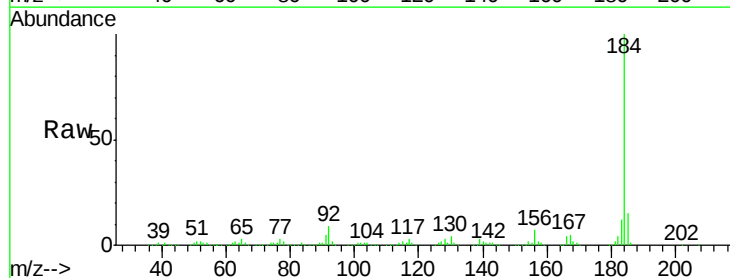
Tgt Ion:184 Resp: 610279

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

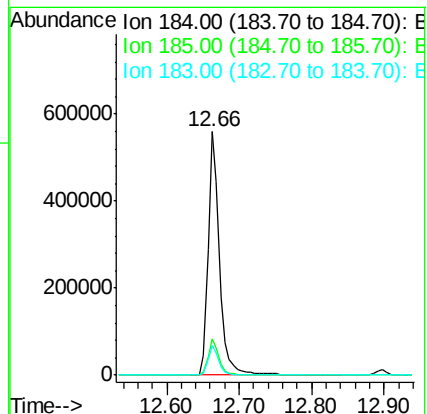
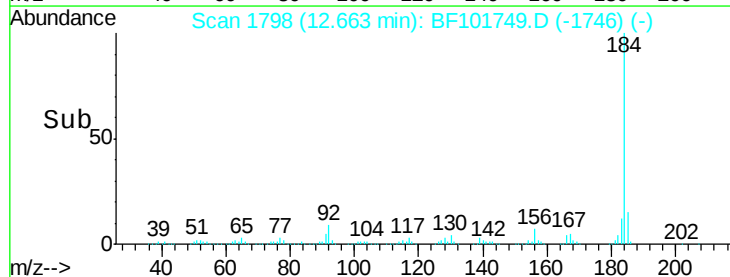
183 12.2 9.3 13.9

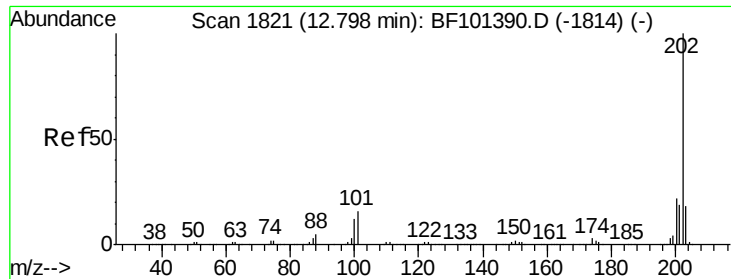


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

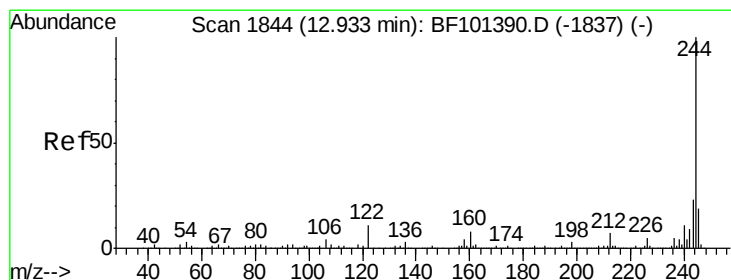
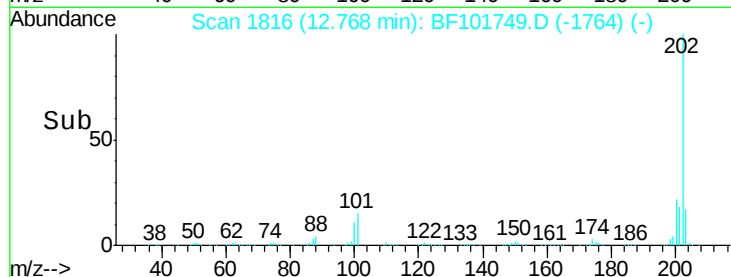
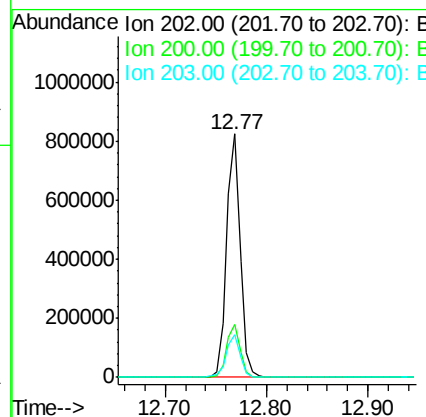
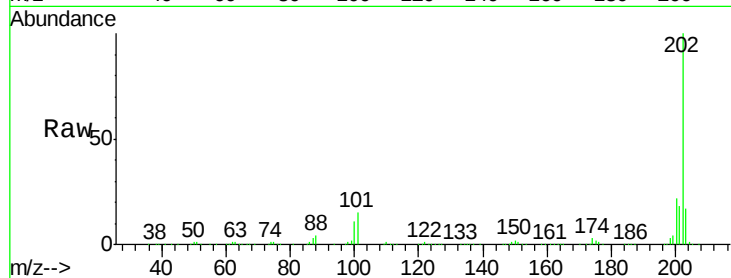




#77
 Pyrene
 Concen: 37.508 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

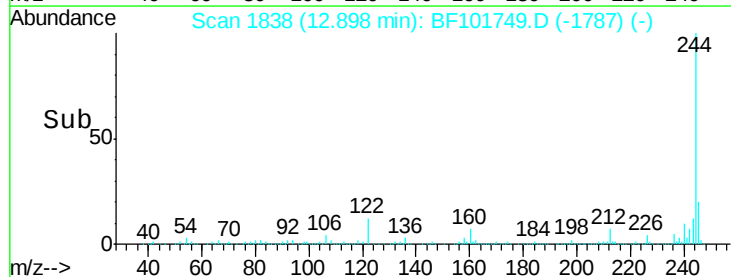
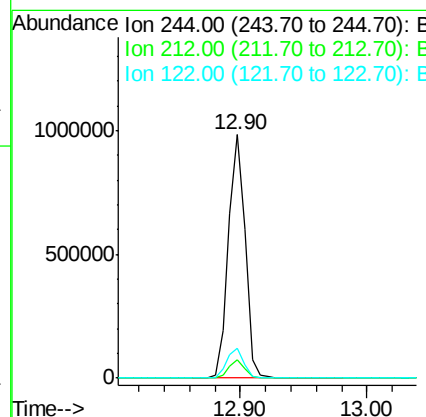
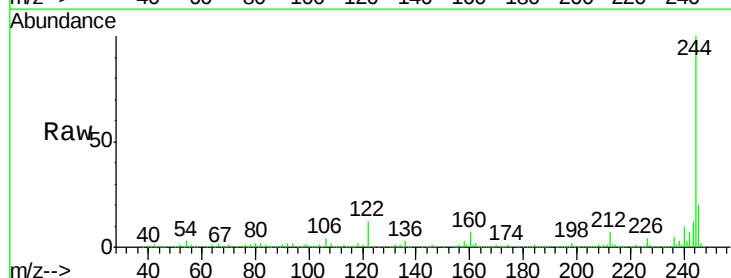
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

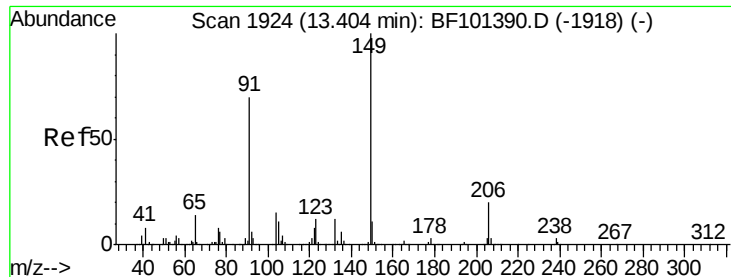
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 79.818 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.2	11.0	16.4

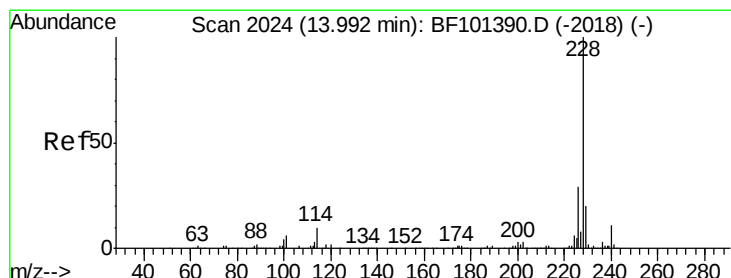
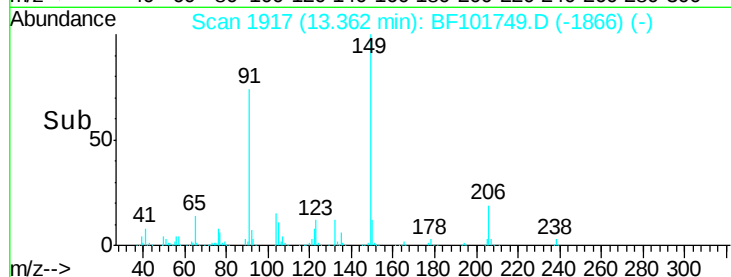
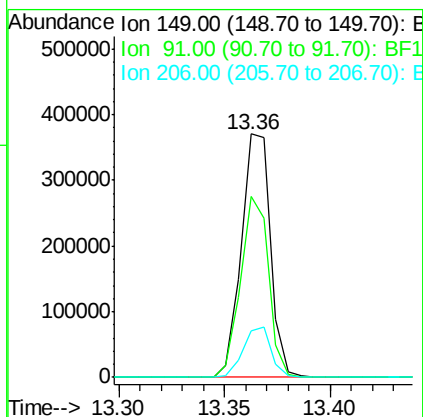
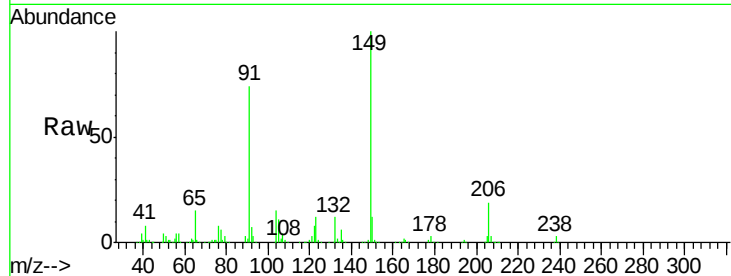




#79
Butylbenzylphthalate
Concen: 38.346 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

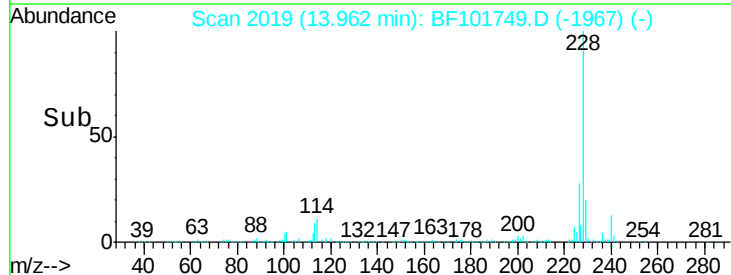
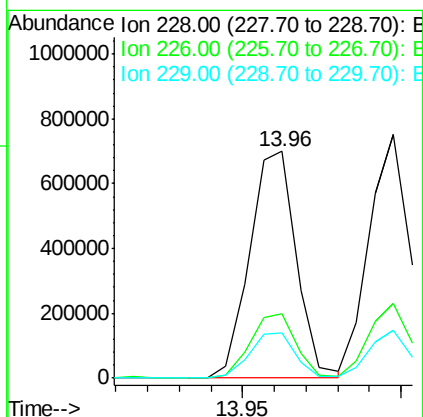
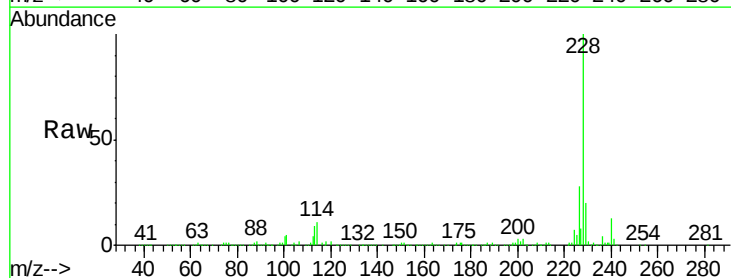
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

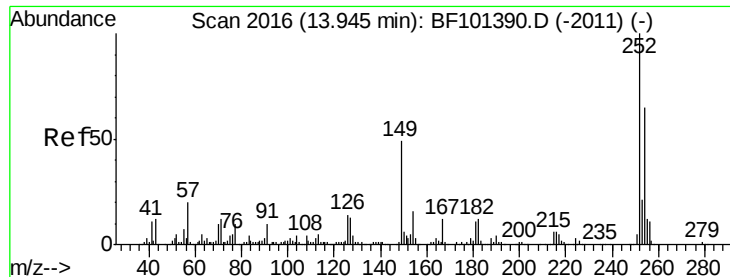
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.651 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	15.8	23.6

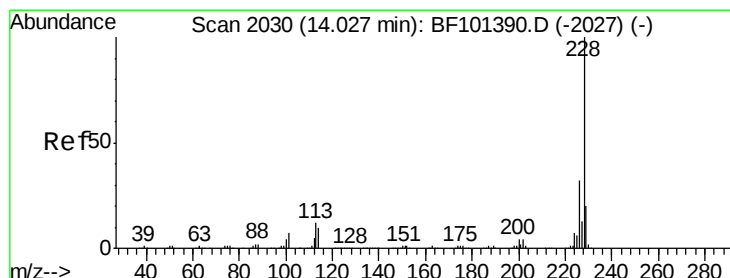
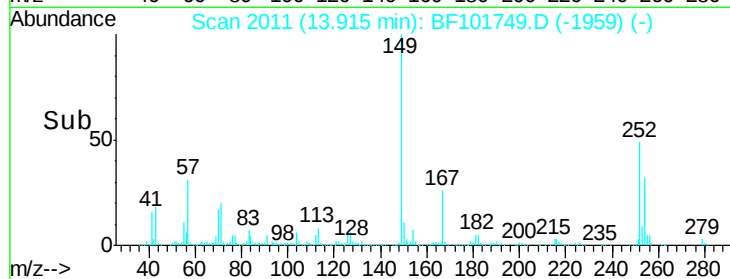
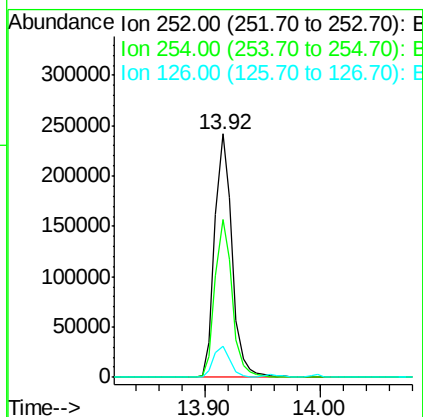
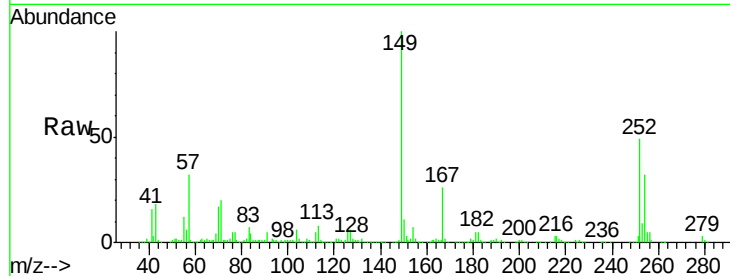




#81
 3,3'-Dichlorobenzidine
 Concen: 43.062 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

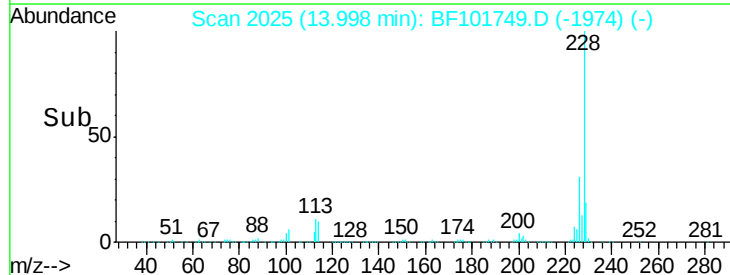
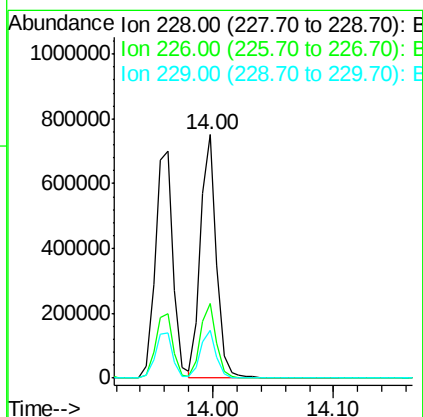
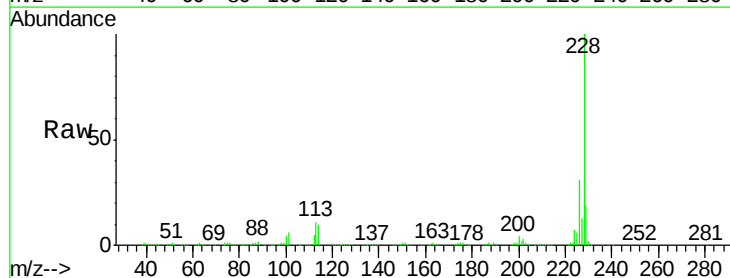
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

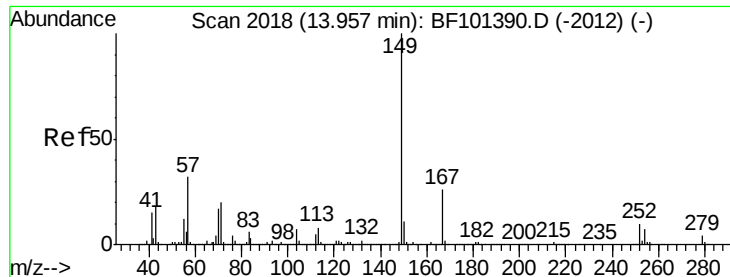
Tgt Ion:	252	Resp:	252737
Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	12.7	11.3	16.9



#82
 Chrysene
 Concen: 40.541 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:	228	Resp:	689004
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.4	16.2	24.4

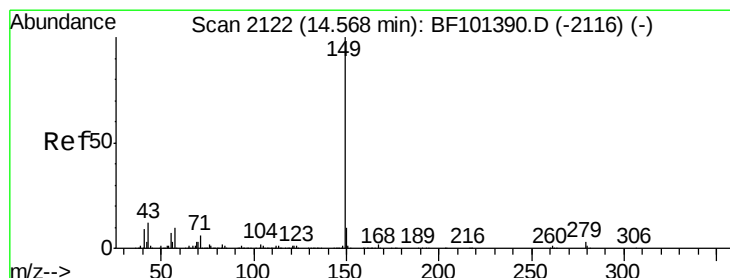
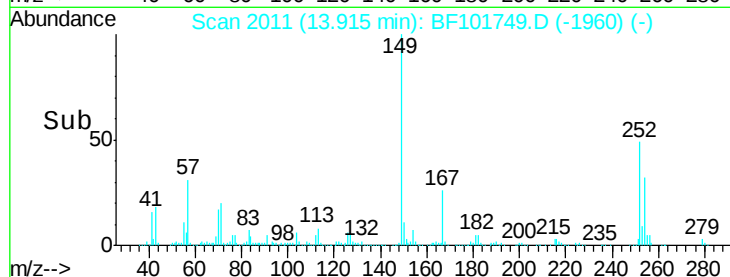
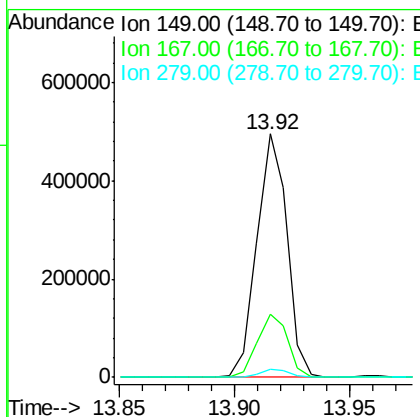
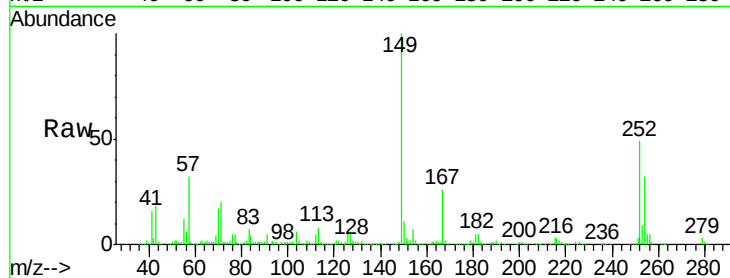




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.503 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

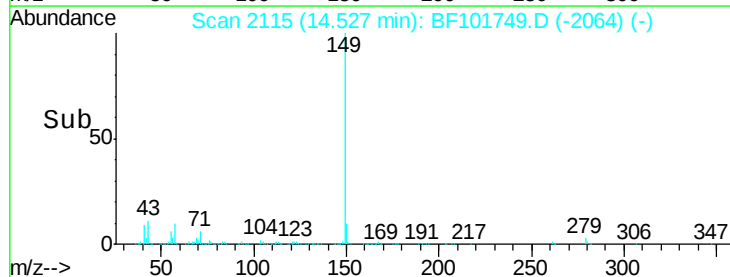
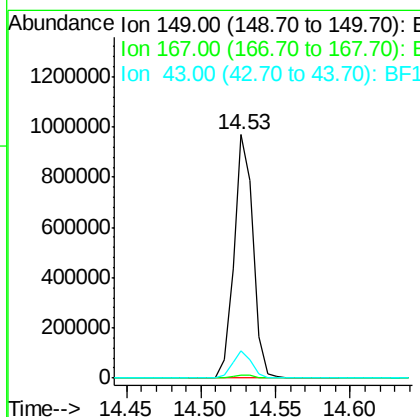
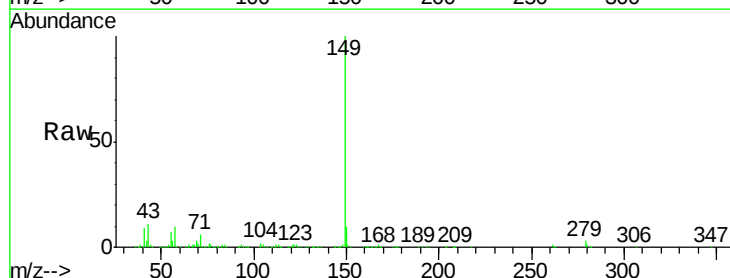
Instrument :
 BNA_F
 ClientSampleId :
 PB105328BSD

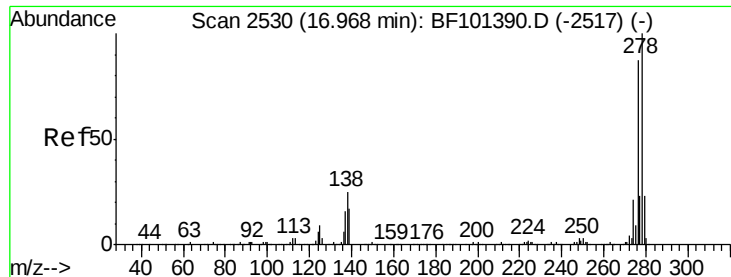
Tgt Ion:149 Resp: 451441
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.623 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BF101749.D
 Acq: 27 Dec 2017 8:16

Tgt Ion:149 Resp: 870344
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.781 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

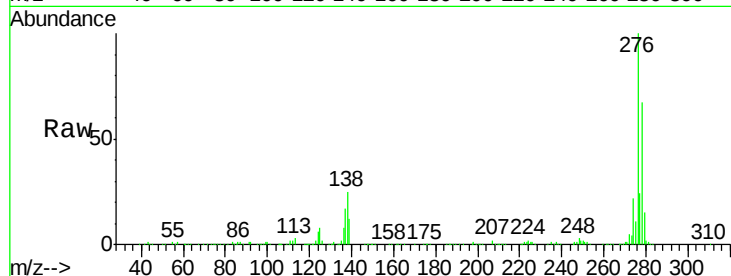
Tgt Ion:276 Resp: 526379

Ion Ratio Lower Upper

276 100

138 28.0 25.0 37.6

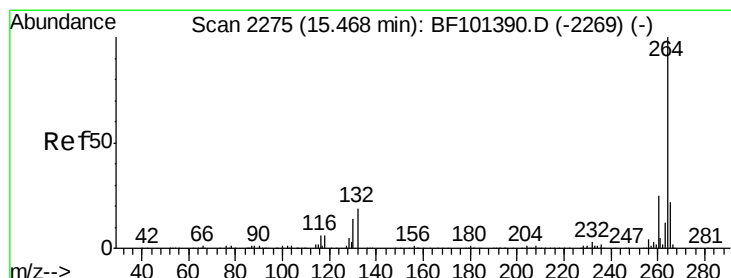
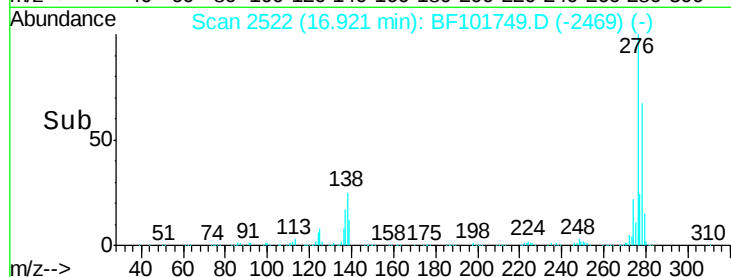
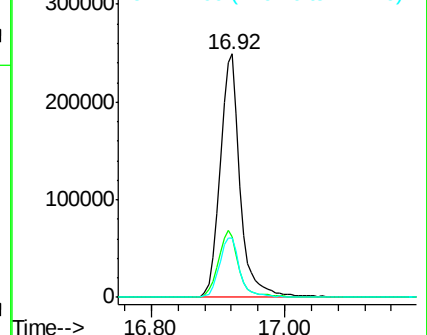
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

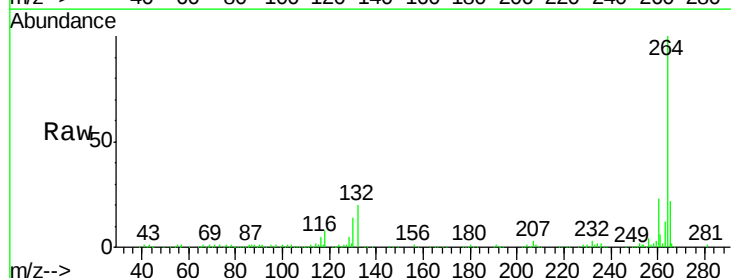
Tgt Ion:264 Resp: 244351

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

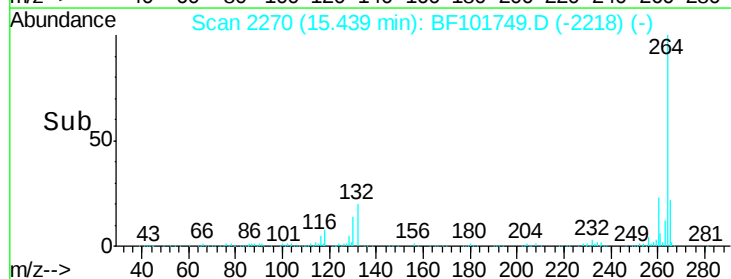
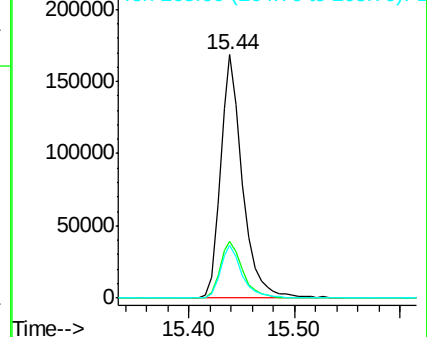
265 21.5 17.5 26.3

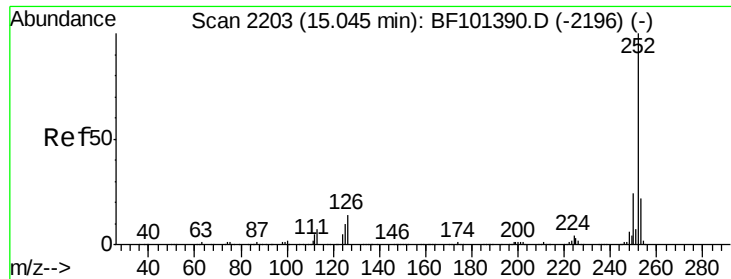


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

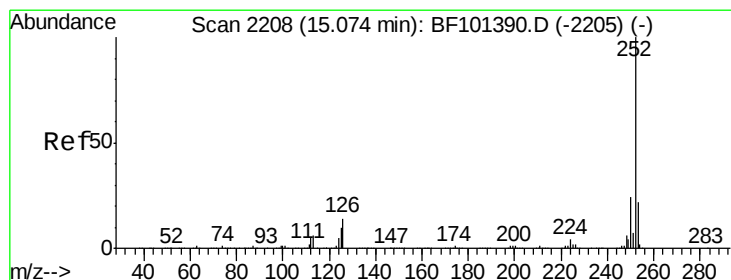
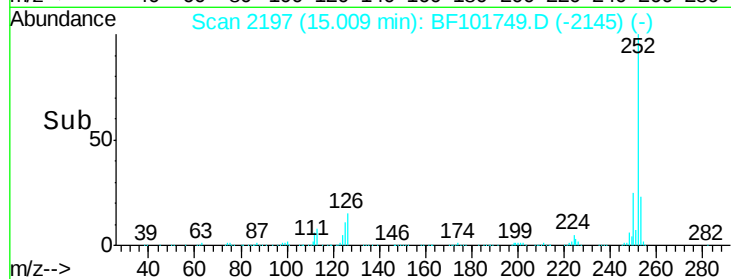
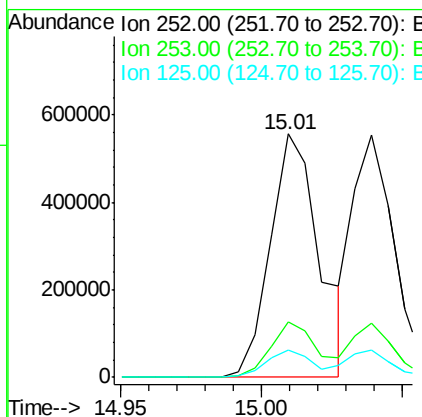
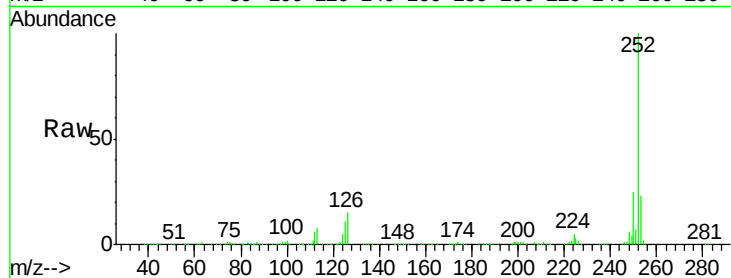




#87
Benzo(b)fluoranthene
Concen: 45.245 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

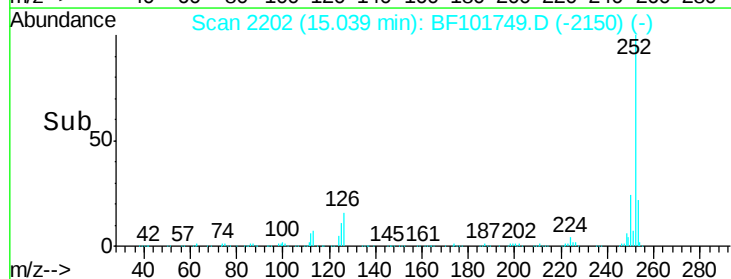
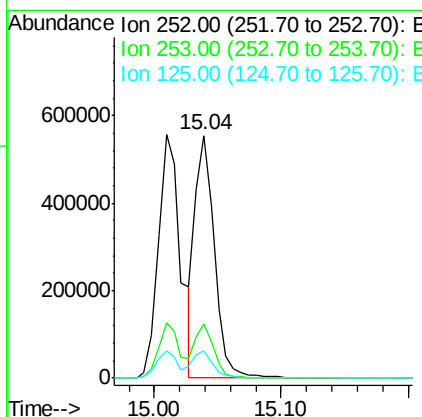
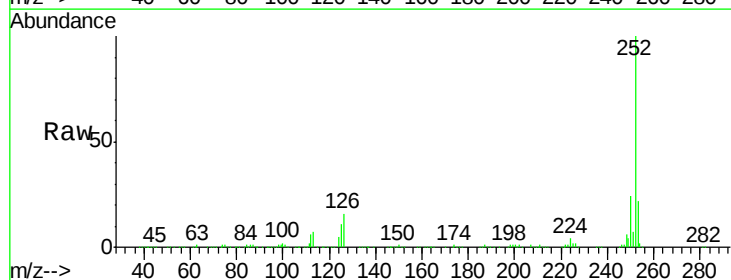
Instrument :
BNA_F
ClientSampleId :
PB105328BSD

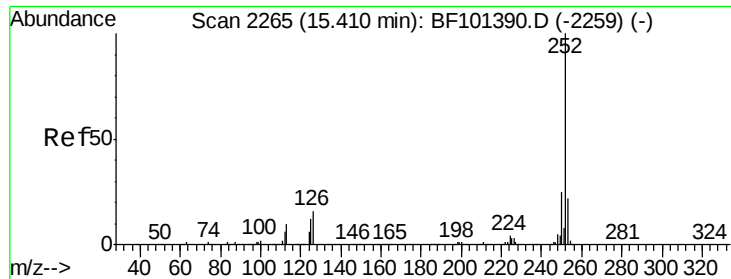
Tgt Ion:252 Resp: 673862
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.037 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101749.D
Acq: 27 Dec 2017 8:16

Tgt Ion:252 Resp: 579774
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.325 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD

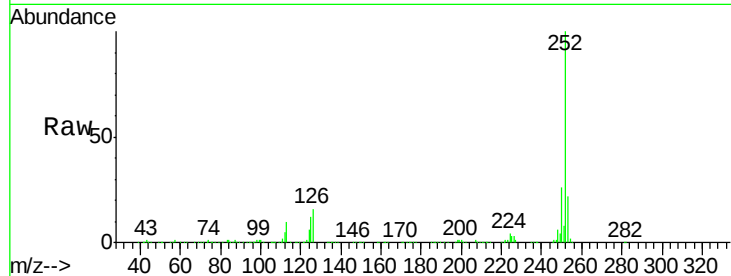
Tgt Ion:252 Resp: 581112

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

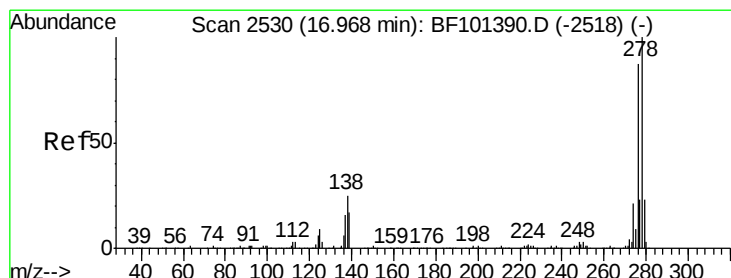
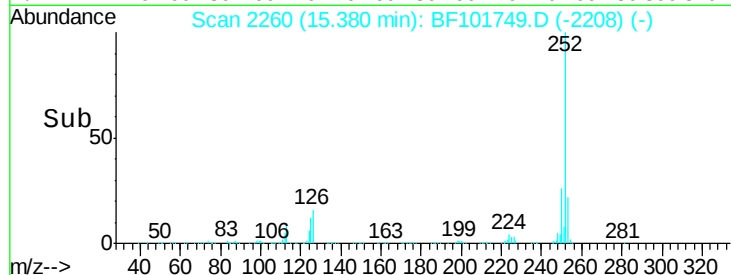
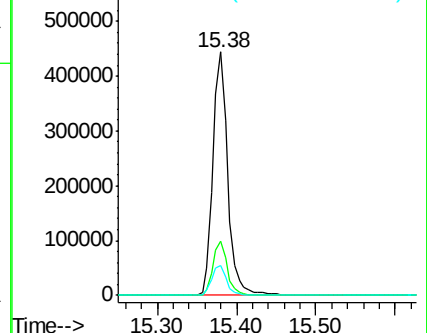
125 12.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.307 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF101749.D

Acq: 27 Dec 2017 8:16

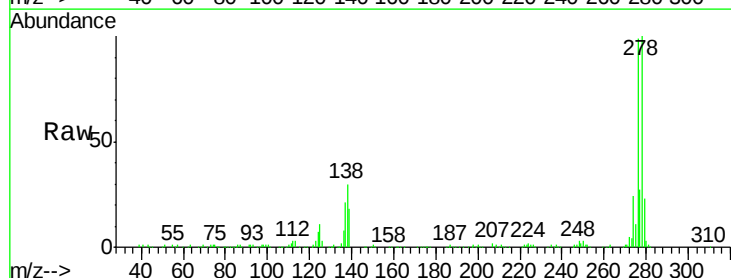
Tgt Ion:278 Resp: 451570

Ion Ratio Lower Upper

278 100

139 18.2 15.9 23.9

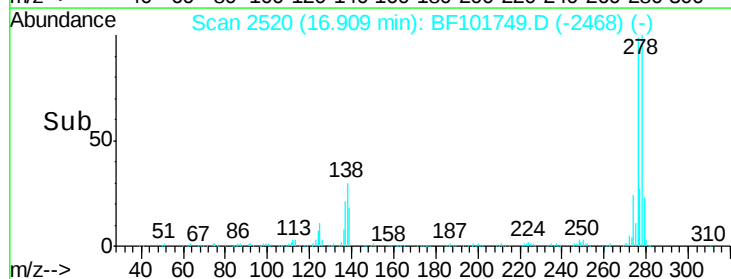
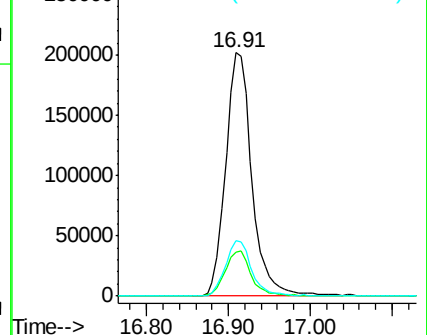
279 22.8 19.0 28.4

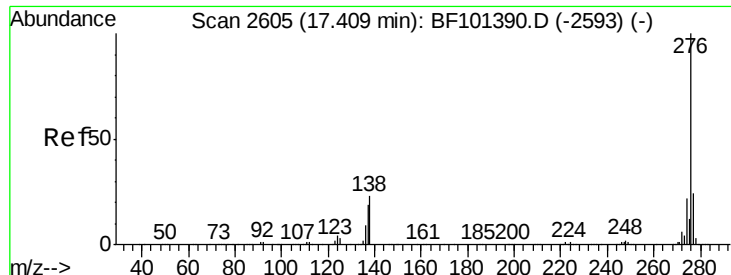


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.526 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101749.D

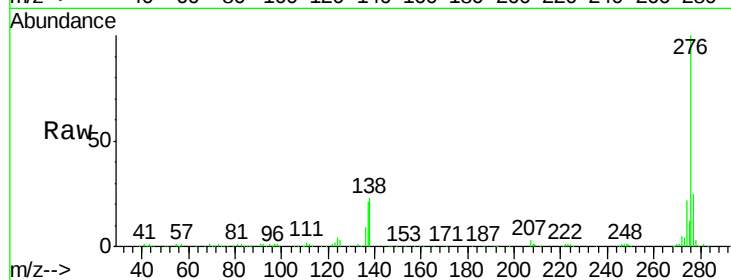
Acq: 27 Dec 2017 8:16

Instrument :

BNA_F

ClientSampleId :

PB105328BSD



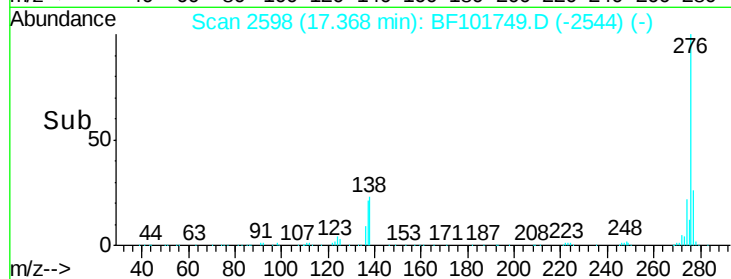
Tgt Ion: 276 Resp: 438036

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 23.4 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

