

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098539.D
 Acq On : 14 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5161-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Quant Time: Sep 15 05:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139632	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	581073	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	258378	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	414300	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	269567	20.00	ng	-0.01
86) Perylene-d12	15.20	264	304067	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	779629	82.55	ng	-0.01
7) Phenol-d6	6.31	99	972316	81.09	ng	-0.01
23) Nitrobenzene-d5	7.22	82	566512	54.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	159821	92.68	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	895006	58.71	ng	-0.02
78) Terphenyl-d14	12.74	244	582795	46.67	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	92074	18.889	ng	90
3) Pyridine	2.97	79	217461	16.799	ng	# 84
4) n-Nitrosodimethylamine	2.92	42	136503	21.509	ng	96
6) Aniline	6.33	93	75269	5.004	ng	# 1
8) 2-Chlorophenol	6.45	128	285826	27.523	ng	99
9) Benzaldehyde	6.20	77	168561	21.504	ng	98
10) Phenol	6.32	94	401944	28.860	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	414347	39.459	ng	97
12) 1,3-Dichlorobenzene	6.59	146	267897	25.630	ng	98
13) 1,4-Dichlorobenzene	6.59	146	267897	25.022	ng	95
14) 1,2-Dichlorobenzene	6.82	146	258573	26.508	ng	99
15) Benzyl Alcohol	6.80	79	240620	30.152	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	407506	23.586	ng	# 25
17) 2-Methylphenol	6.93	107	227038	26.811	ng	# 88
18) Hexachloroethane	7.16	117	93345	22.766	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	206192	27.338	ng	96
20) 3+4-Methylphenols	7.09	107	365875	34.237	ng	# 63
22) Acetophenone	7.06	105	407258	27.118	ng	# 91
24) Nitrobenzene	7.24	77	292852	24.667	ng	95
25) Isophorone	7.47	82	531888	25.222	ng	99
26) 2-Nitrophenol	7.56	139	145977	30.453	ng	92
27) 2,4-Dimethylphenol	7.60	122	223998	24.513	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	339350	26.372	ng	99
29) 2,4-Dichlorophenol	7.81	162	228550	30.073	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	232489	28.122	ng	99
31) Naphthalene	7.96	128	839219	29.215	ng	99
32) Benzoic acid	7.73	122	92808	20.596	ng	99
33) 4-Chloroaniline	8.03	127	207061	17.736	ng	98
34) Hexachlorobutadiene	8.07	225	115509	27.217	ng	96
35) Caprolactam	8.38	113	73284	27.963	ng	# 65
36) 4-Chloro-3-methylphenol	8.51	107	252563	26.797	ng	85
37) 2-Methylnaphthalene	8.65	142	514882	29.591	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	212431	26.394	ng	99
40) Hexachlorocyclopentadiene	8.79	237	18420	16.686	ng	96

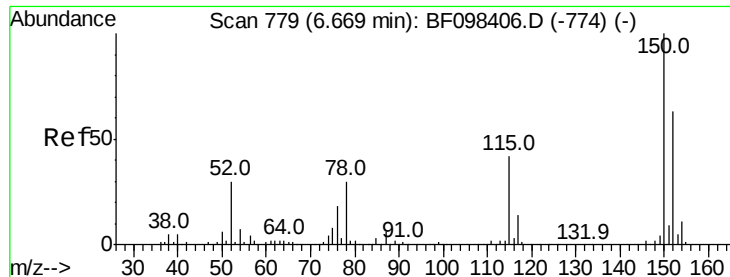
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098539.D
 Acq On : 14 Sep 2017 20:27
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Quant Time: Sep 15 05:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	149256	31.573	nq	93
43) 2,4,5-Trichlorophenol	8.98	196	153018	30.968	nq	95
45) 1,1'-Biphenyl	9.11	154	603442	26.093	nq	99
46) 2-Chloronaphthalene	9.13	162	460558	27.885	nq	94
47) 2-Nitroaniline	9.24	65	163494	25.791	nq	96
48) Acenaphthylene	9.55	152	676214	27.536	nq	99
49) Dimethylphthalate	9.42	163	708430	35.420	nq	99
50) 2,6-Dinitrotoluene	9.48	165	120928	29.435	nq	# 78
51) Acenaphthene	9.72	154	445985	28.570	nq	96
52) 3-Nitroaniline	9.65	138	106035	21.381	nq	92
53) 2,4-Dinitrophenol	9.77	184	17706	16.671	nq	# 77
54) Dibenzofuran	9.89	168	603689	29.355	nq	98
55) 4-Nitrophenol	9.83	139	144821	50.827	nq	# 50
56) 2,4-Dinitrotoluene	9.89	165	144769	28.985	nq	# 53
57) Fluorene	10.23	166	494126	29.029	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	106730	32.140	nq	94
59) Diethylphthalate	10.11	149	527540	27.734	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	217250	27.633	nq	91
61) 4-Nitroaniline	10.26	138	104499	20.865	nq	89
62) Azobenzene	10.38	77	491116	23.956	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	24396	13.572	nq	86
65) n-Nitrosodiphenylamine	10.35	169	416136	30.934	nq	98
66) 4-Bromophenyl-phenylether	10.71	248	124969	31.782	nq	99
67) Hexachlorobenzene	10.78	284	117476	29.454	nq	# 90
68) Atrazine	10.87	200	129484	31.265	nq	99
69) Pentachlorophenol	10.98	266	86160	51.507	nq	96
70) Phenanthrene	11.19	178	1131105	51.500	nq	99
71) Anthracene	11.24	178	715047	31.710	nq	99
72) Carbazole	11.40	167	569962	27.121	nq	98
73) Di-n-butylphthalate	11.73	149	692553	27.504	nq	99
74) Fluoranthene	12.38	202	1220435	55.507	nq	98
77) Pyrene	12.60	202	1119106	52.626	nq	99
79) Butylbenzylphthalate	13.22	149	235280	25.504	nq	# 80
80) Benzo(a)anthracene	13.79	228	741336	46.907	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	101484	16.523	nq	# 93
82) Chrysene	13.83	228	686348	42.963	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	356993	30.833	nq	# 98
84) Di-n-octyl phthalate	14.39	149	601696	30.290	nq	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	574670	51.272	nq	94
87) Benzo(b)fluoranthene	14.81	252	824152	43.107	nq	97
88) Benzo(k)fluoranthene	14.81	252	824152	46.175	nq	98
89) Benzo(a)pyrene	15.14	252	720005	42.271	nq	99
90) Dibenzo(a,h)anthracene	16.55	278	392598	31.686	nq	98
91) Benzo(g,h,i)perylene	16.95	276	461777	37.054	nq	# 93

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

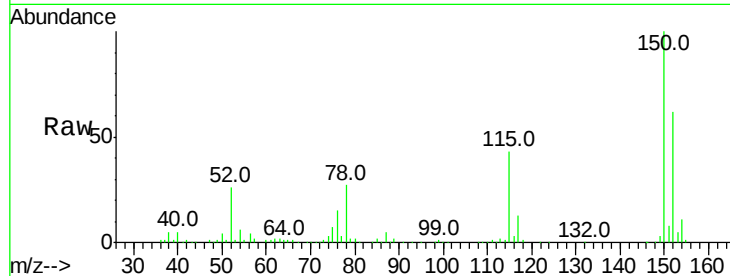


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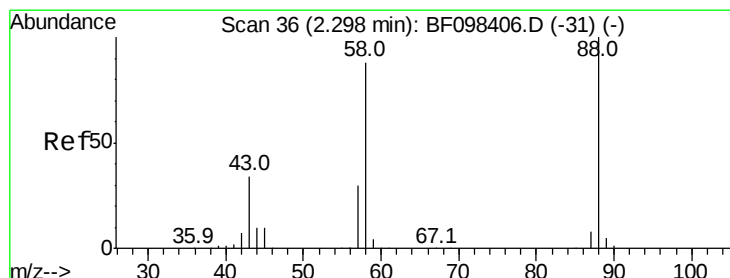
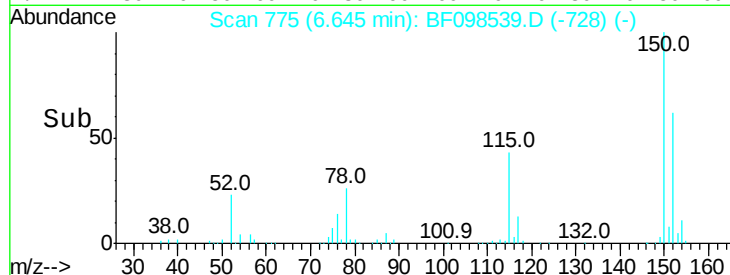
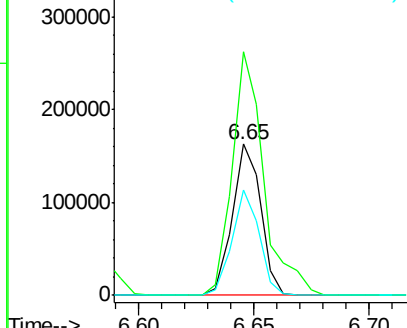
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion:152 Resp: 139632
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 69.8 52.2 78.2



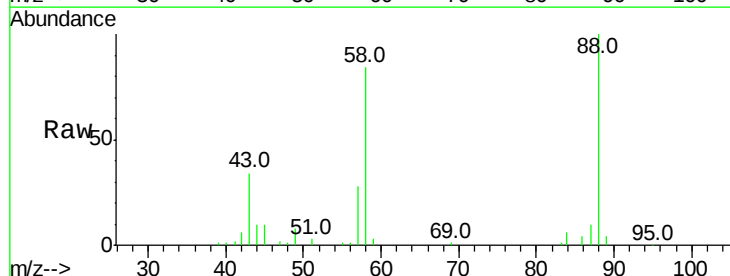
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



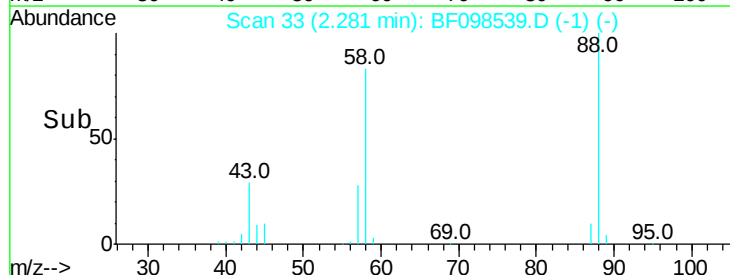
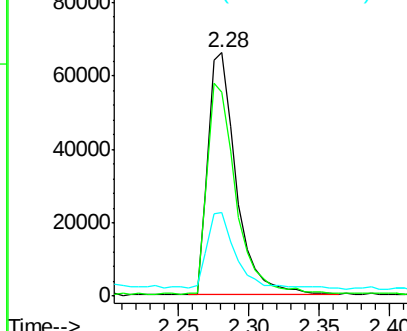
#2

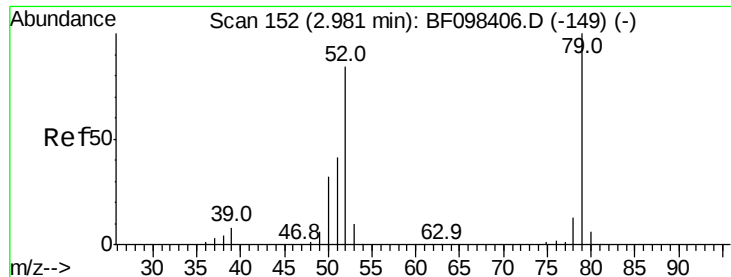
1,4-Dioxane
Concen: 18.889 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion: 88 Resp: 92074
Ion Ratio Lower Upper
88 100
58 88.6 61.4 92.0
43 30.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.799 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

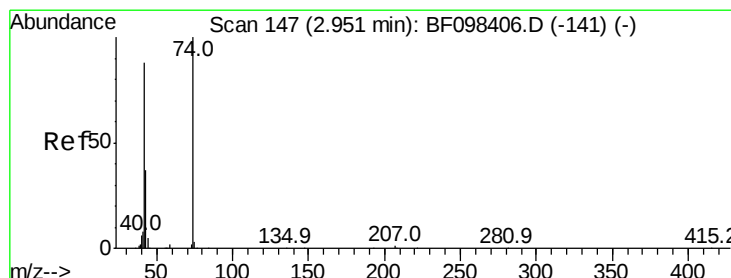
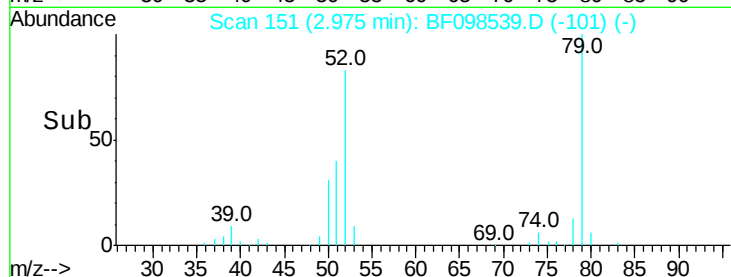
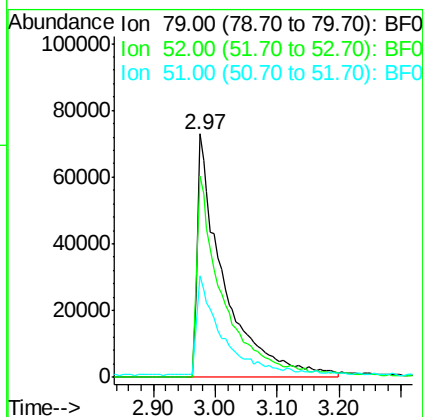
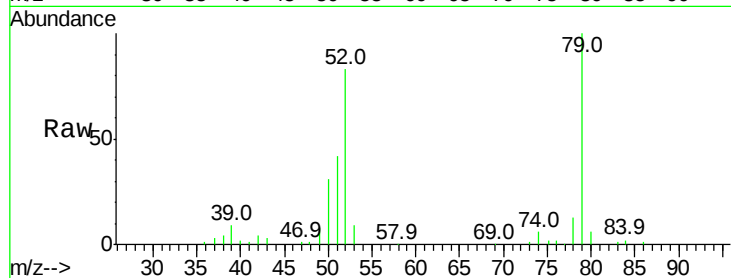
Tot Ion: 79 Resp: 217461

Ion Ratio Lower Upper

79 100

52 82.6 54.8 82.2#

51 41.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 21.509 ng

RT: 2.92 min Scan# 141

Delta R.T. -0.04 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

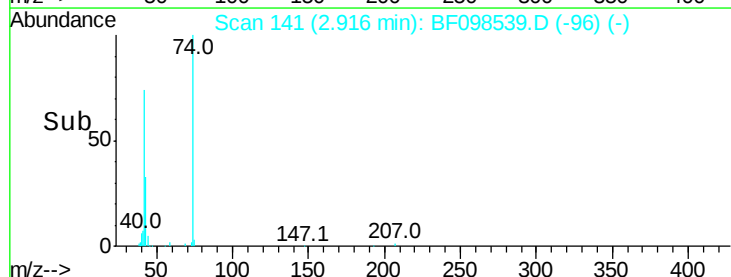
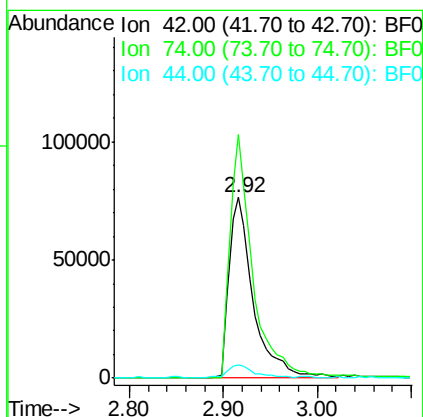
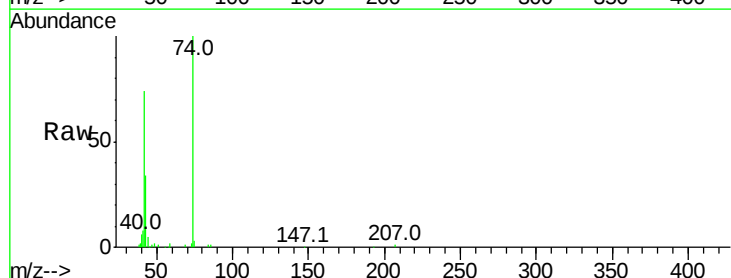
Tgt Ion: 42 Resp: 136503

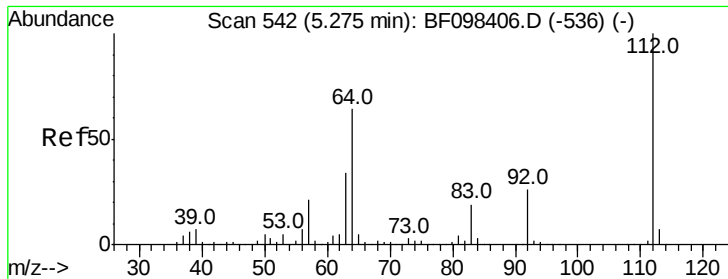
Ion Ratio Lower Upper

42 100

74 135.0 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 82.553 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

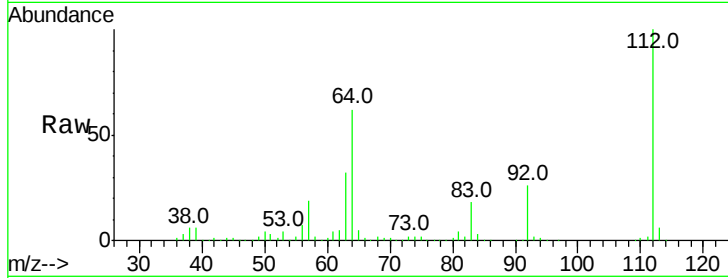
Tot Ion:112 Resp: 779629

Ion Ratio Lower Upper

112 100

64 62.0 46.0 69.0

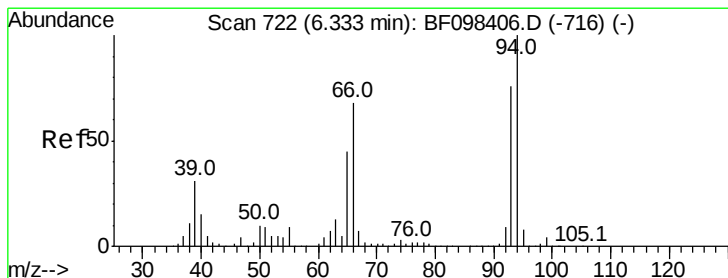
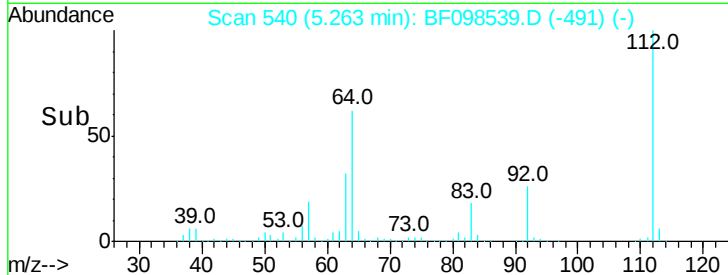
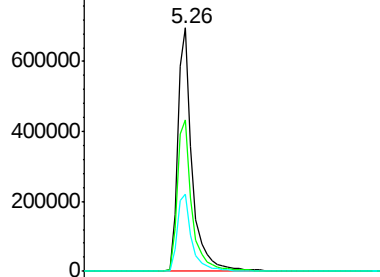
63 31.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.004 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

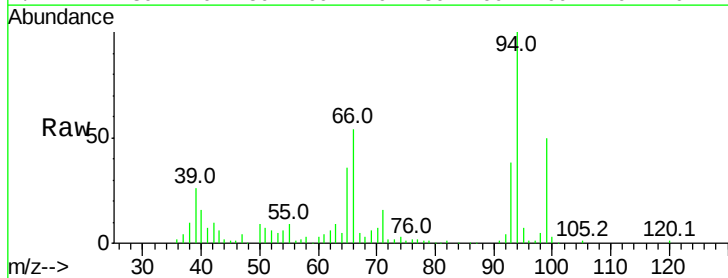
Tgt Ion: 93 Resp: 75269

Ion Ratio Lower Upper

93 100

66 141.2 32.9 49.3#

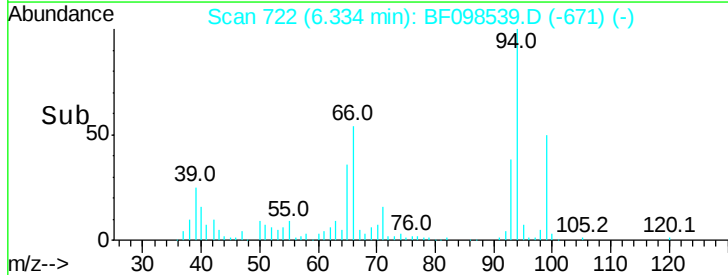
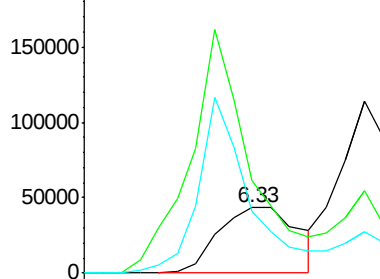
65 93.5 16.0 24.0#

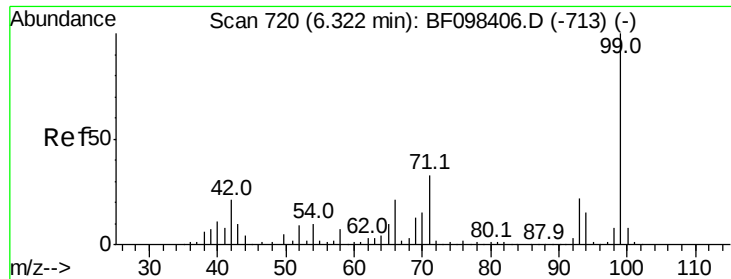


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.089 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

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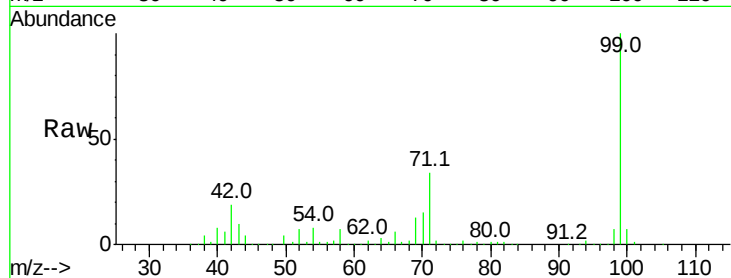
Tot Ion: 99 Resp: 972316

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

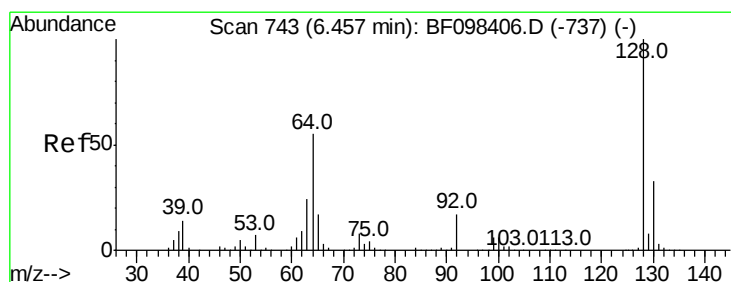
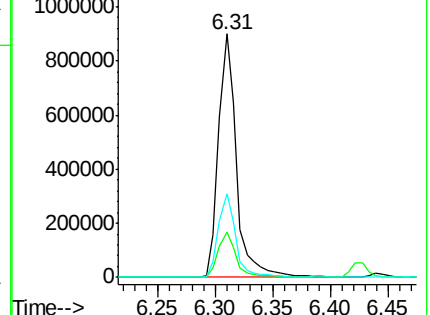
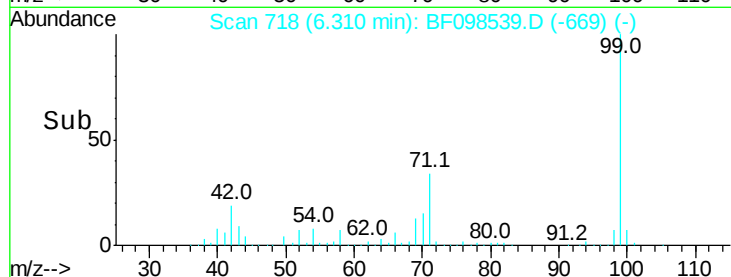
71 34.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 27.523 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

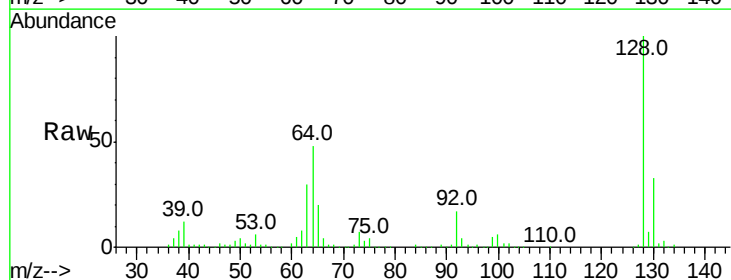
Tgt Ion: 128 Resp: 285826

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

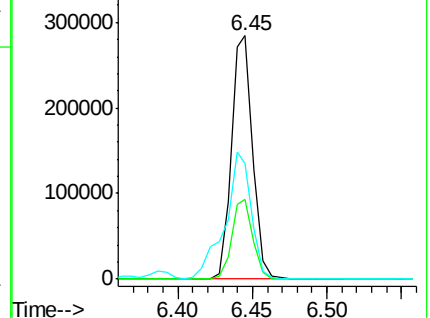
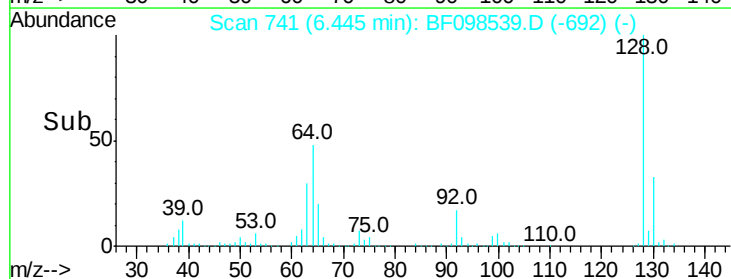
64 47.7 28.4 68.4

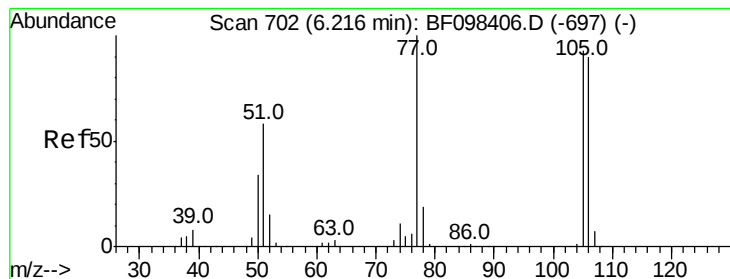


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.504 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

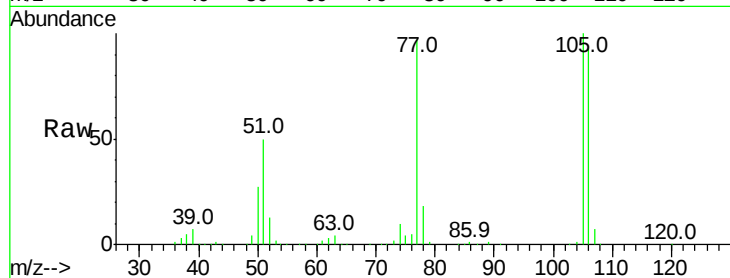
Tot Ion: 77 Resp: 168561

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

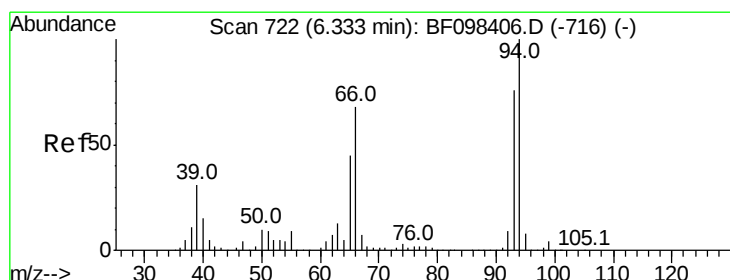
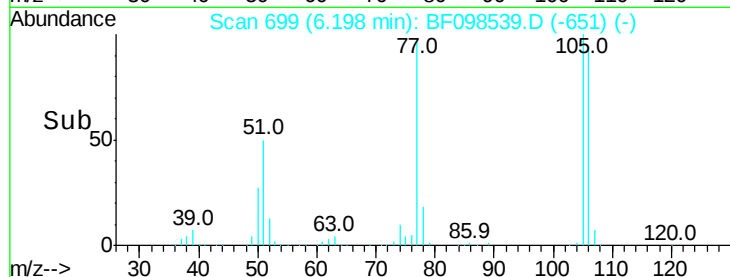
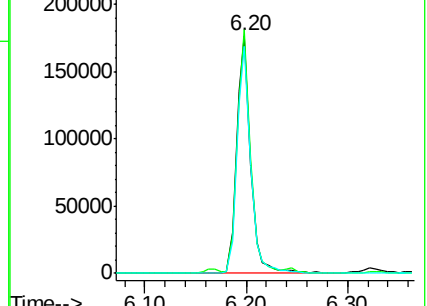
106 95.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.860 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

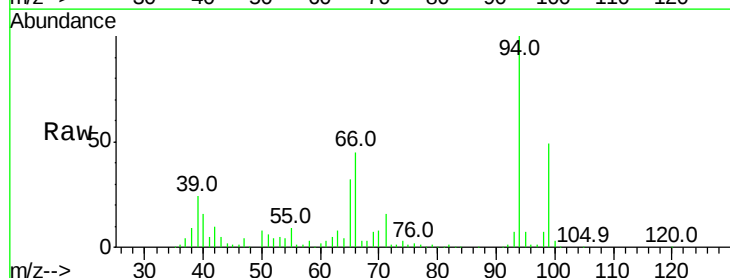
Tgt Ion: 94 Resp: 401944

Ion Ratio Lower Upper

94 100

65 32.3 9.9 49.9

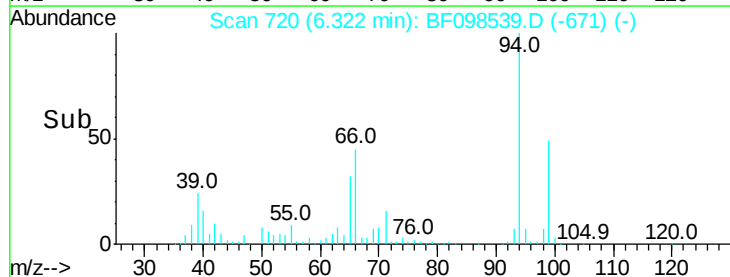
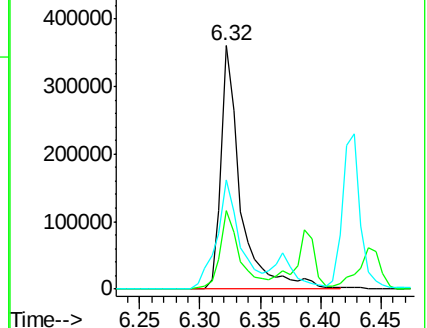
66 44.8 23.1 63.1

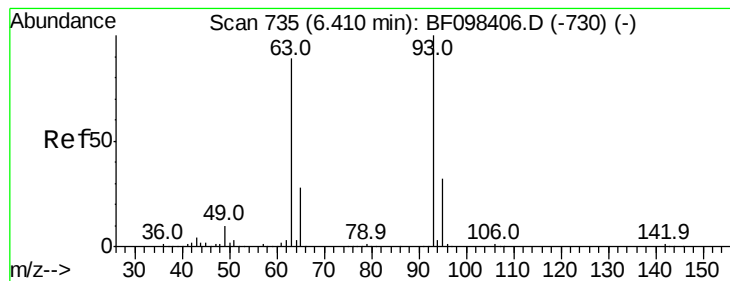


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.459 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

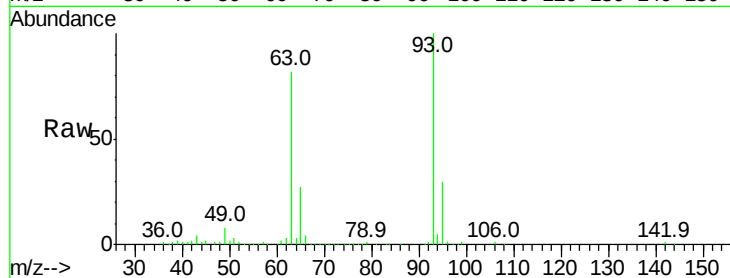
Tot Ion: 93 Resp: 414347

Ion Ratio Lower Upper

93 100

63 81.8 59.2 99.2

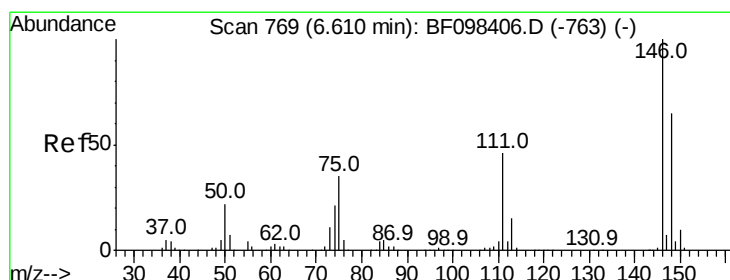
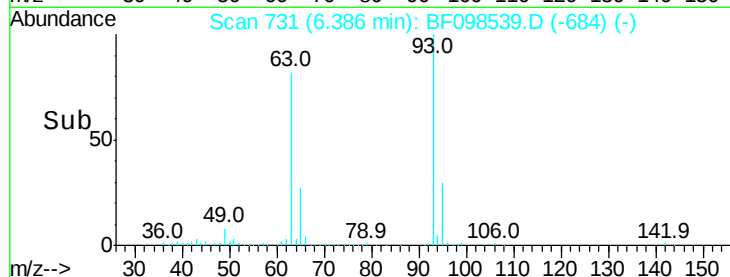
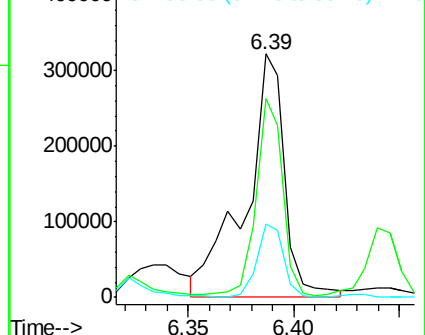
95 30.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 25.630 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

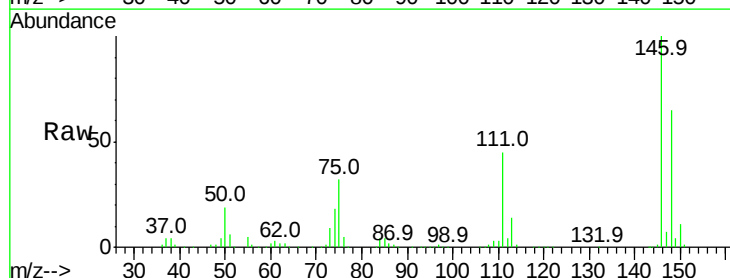
Tgt Ion: 146 Resp: 267897

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

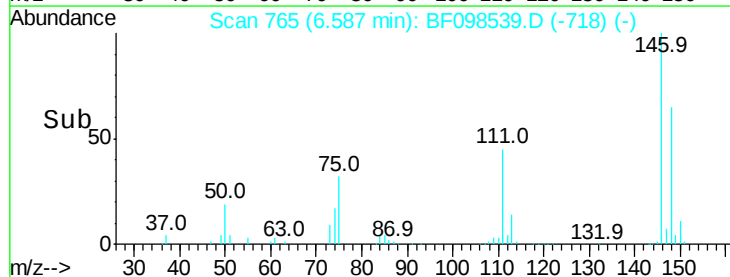
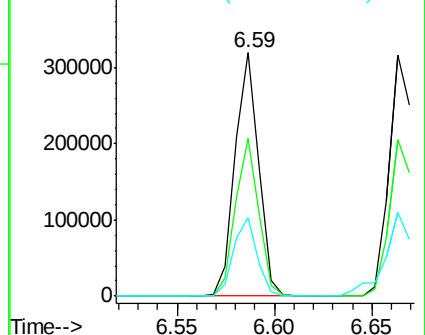
75 32.3 23.1 34.7

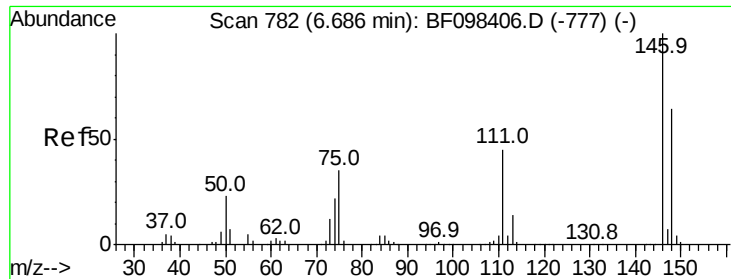


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

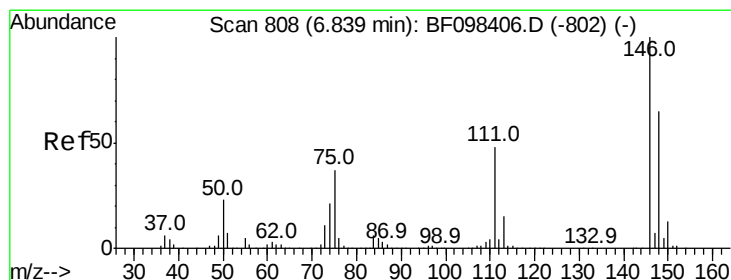
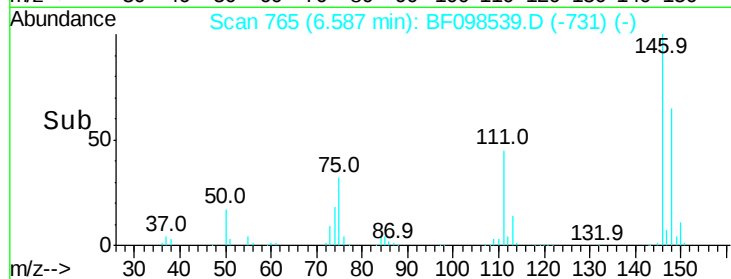
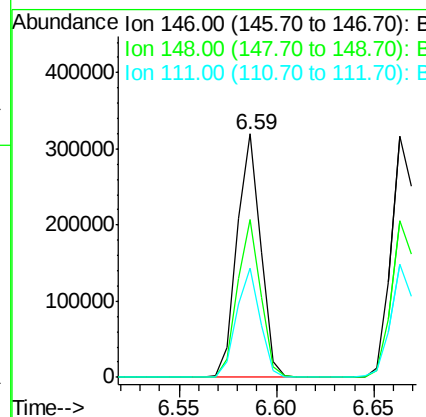
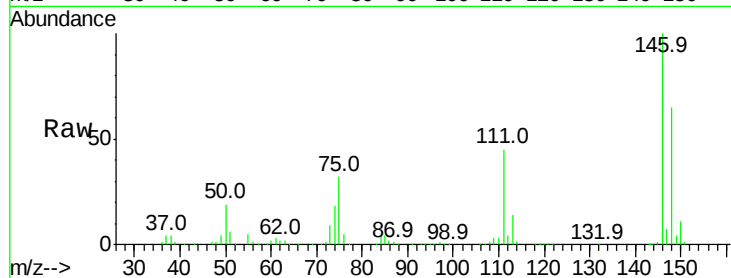




#13
 1,4-Dichlorobenzene
 Concen: 25.022 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.10 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

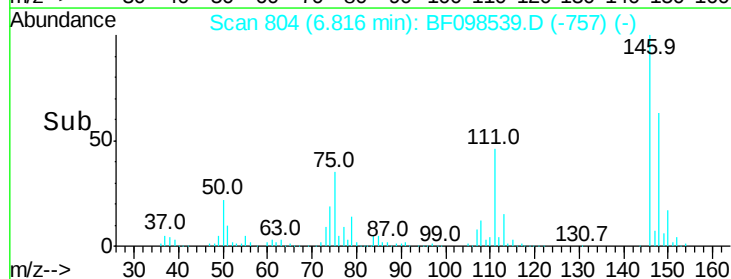
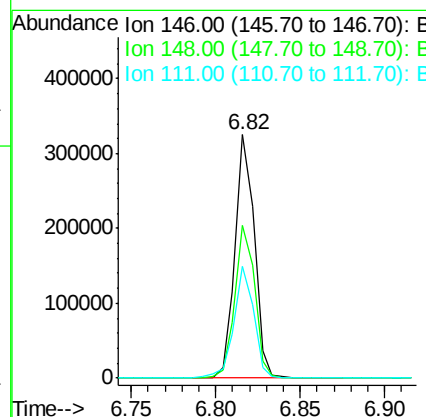
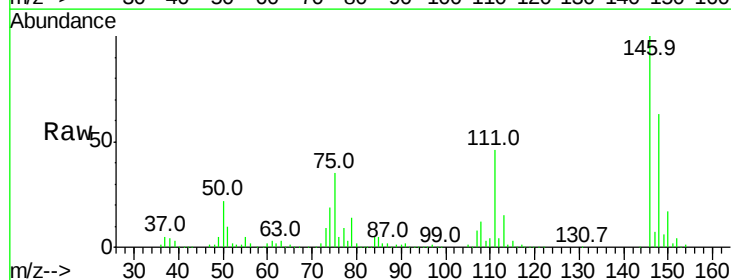
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

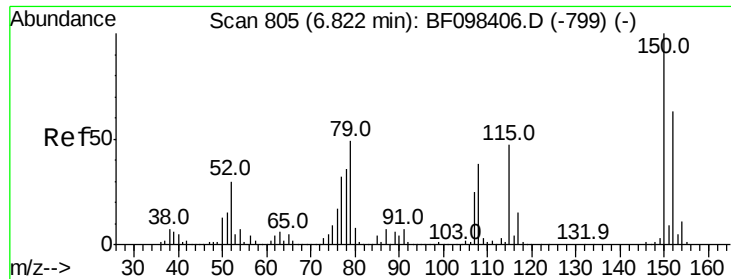
Tot Ion:146 Resp: 267897
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 44.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 26.508 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:146 Resp: 258573
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 46.0 38.2 57.4

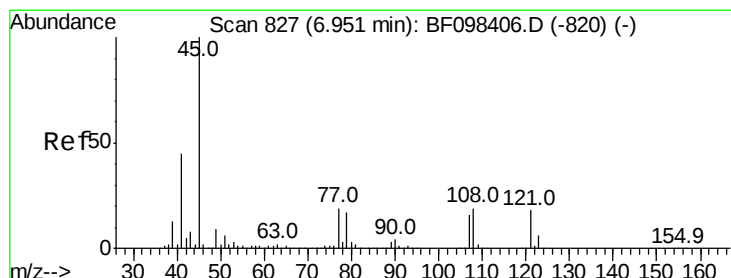
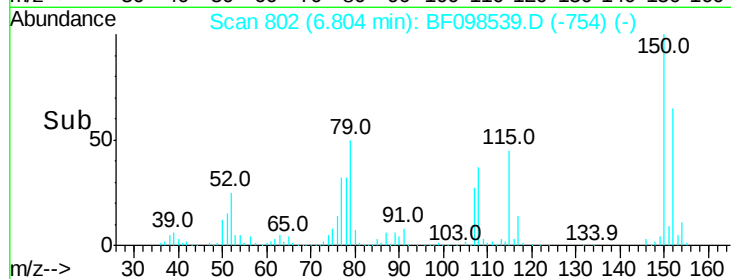
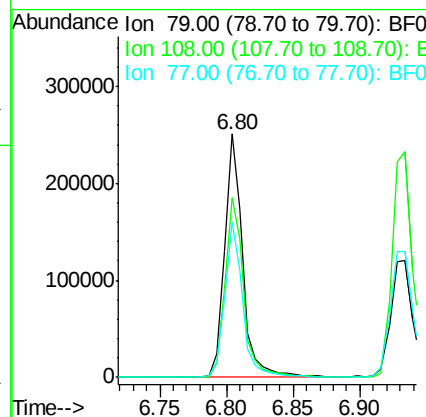
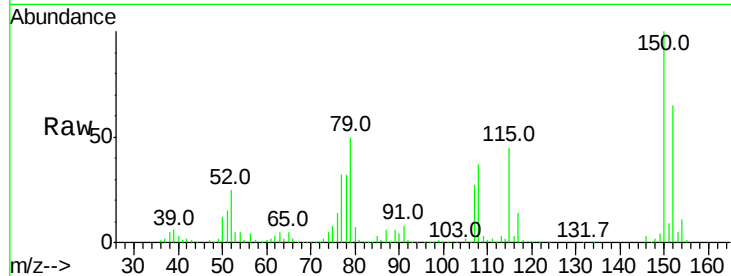




#15
Benzyl Alcohol
Concen: 30.152 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

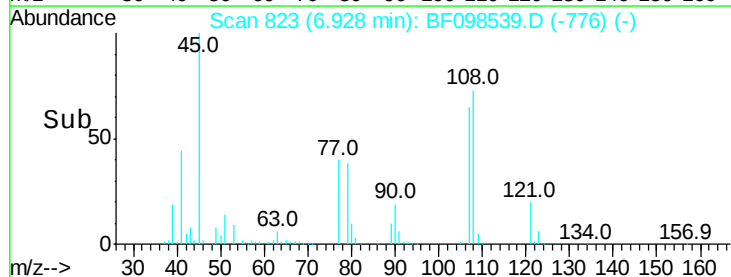
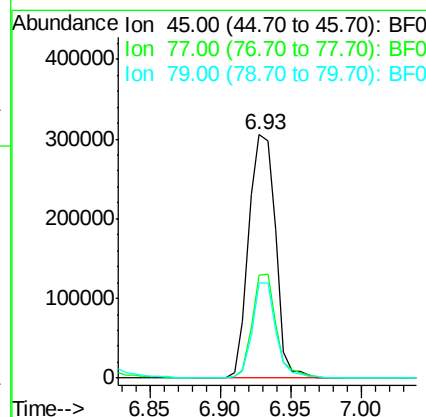
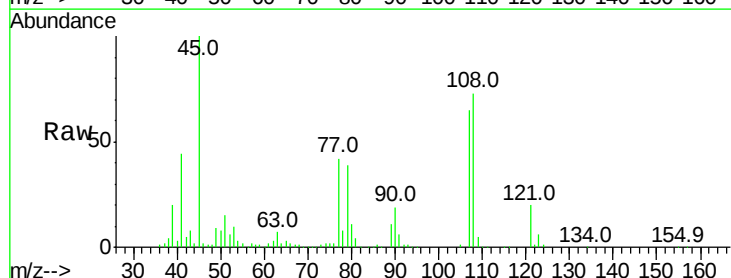
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

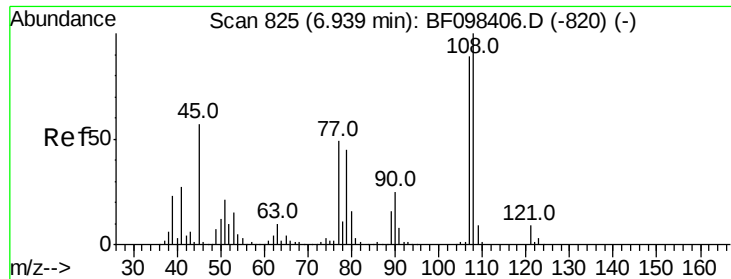
Tot Ion: 79 Resp: 240620
Ion Ratio Lower Upper
79 100
108 73.9 63.4 95.0
77 63.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.586 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion: 45 Resp: 407506
Ion Ratio Lower Upper
45 100
77 42.3 0.0 33.2#
79 39.1 0.0 30.0#

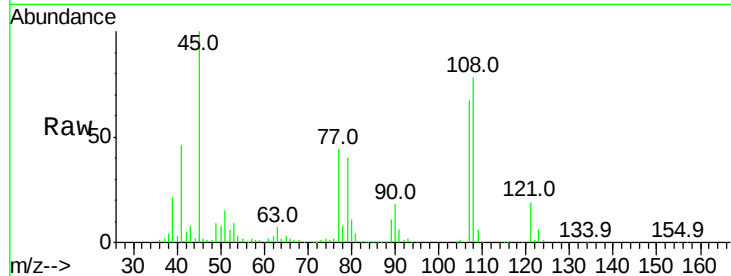




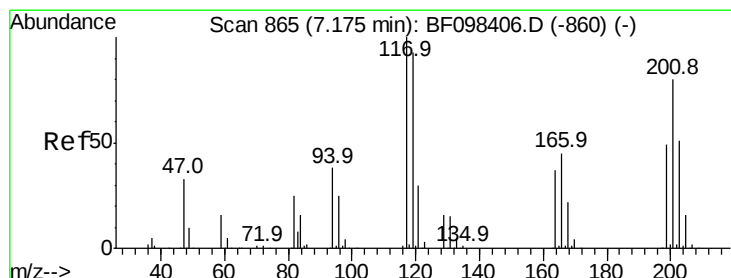
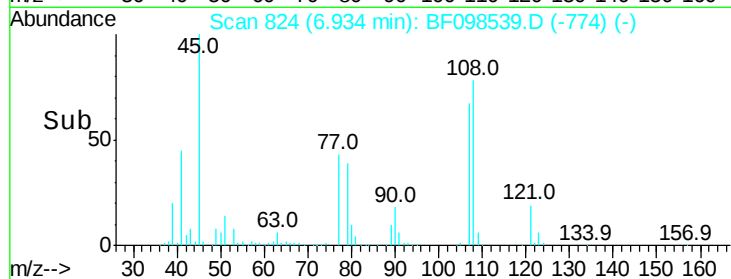
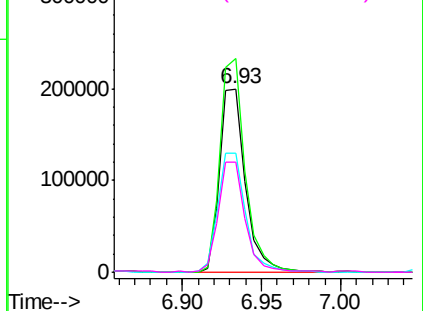
#17
2-Methylphenol
Concen: 26.811 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion:107 Resp: 227038
Ion Ratio Lower Upper
107 100
108 116.5 93.4 140.0
77 65.2 35.8 53.6#
79 60.2 34.8 52.2#

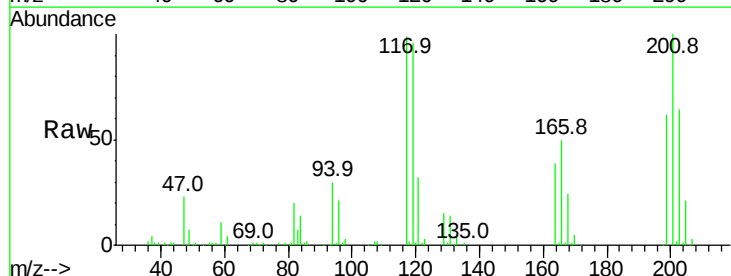


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

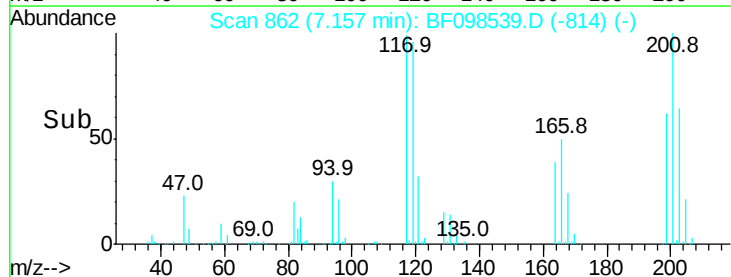
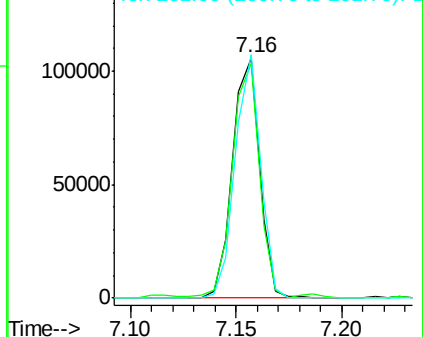


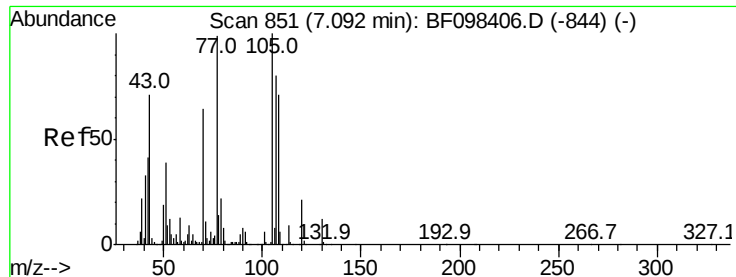
#18
Hexachloroethane
Concen: 22.766 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:117 Resp: 93345
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
201 101.5 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

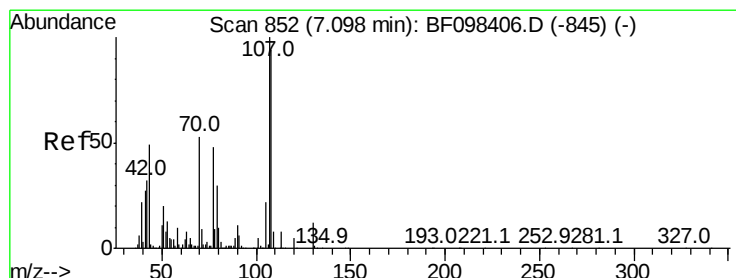
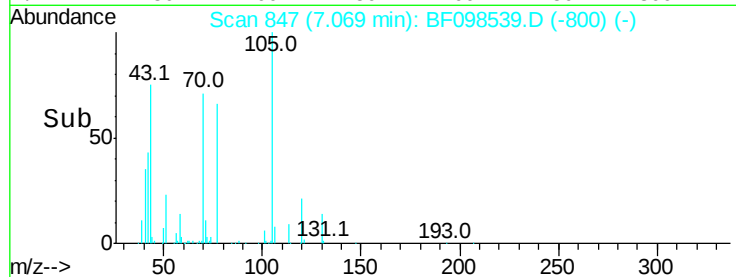
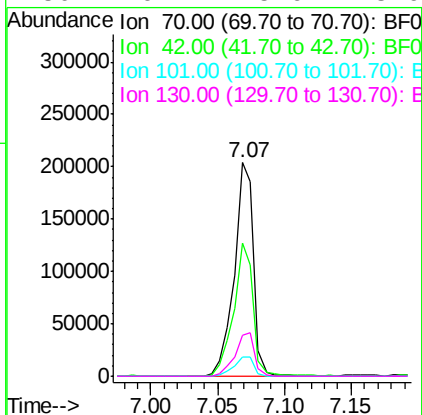
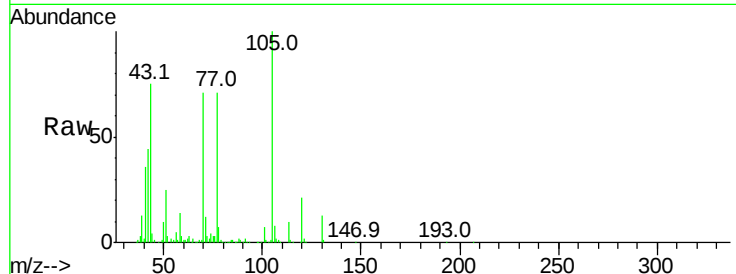




#19
n-Nitroso-di-n-propylamine
Concen: 27.338 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

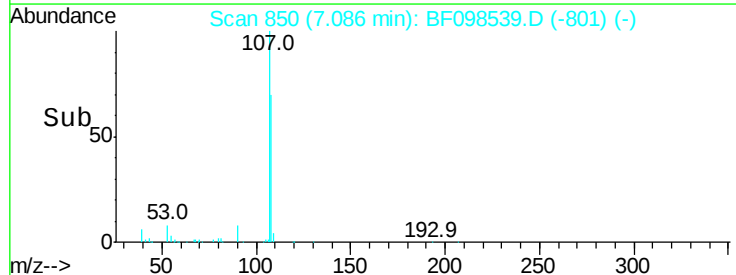
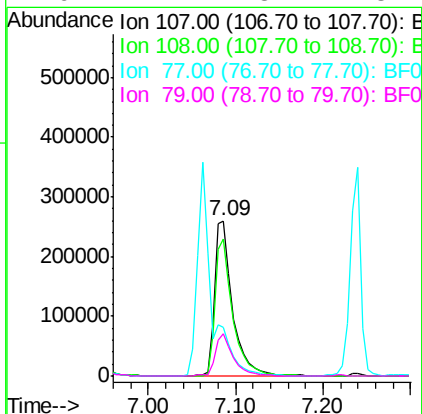
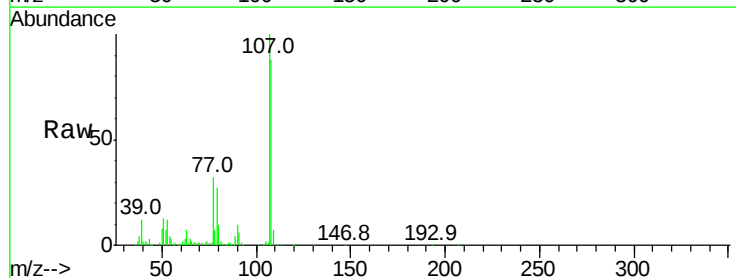
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

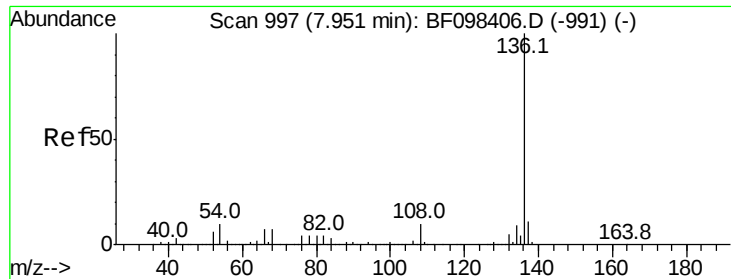
Tot Ion:	70	Resp:	206192
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.2	70.8
101	9.2	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 34.237 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:	107	Resp:	365875
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	31.6	90.5	130.5#
79	27.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Tot Ion:136 Resp: 581073

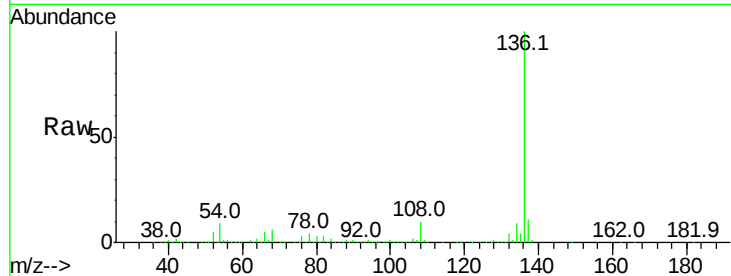
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.8 4.9 7.3#

68 6.0 4.1 6.1

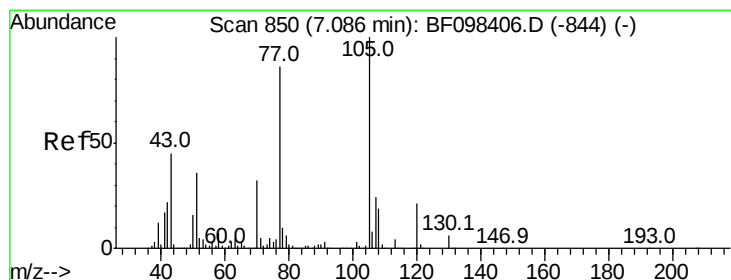
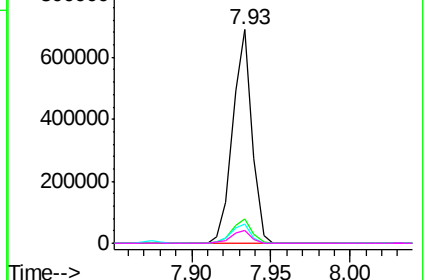
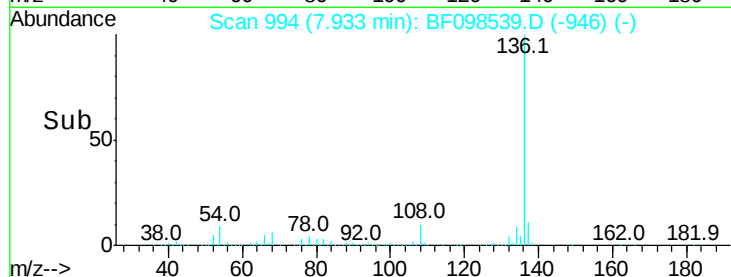


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.118 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:105 Resp: 407258

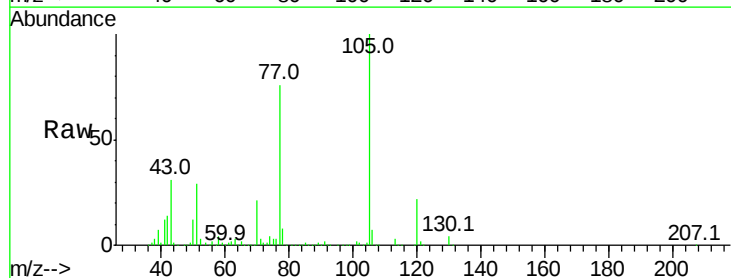
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 29.1 30.7 46.1#

120 21.6 17.4 26.0

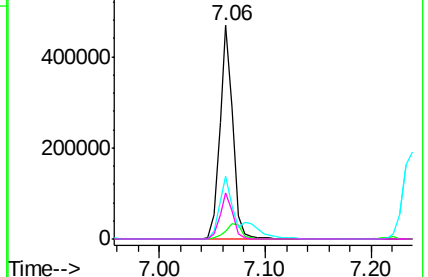
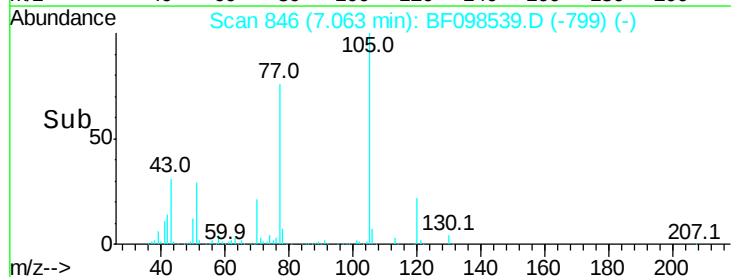


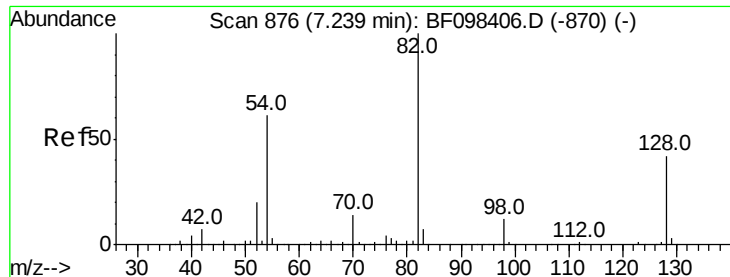
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

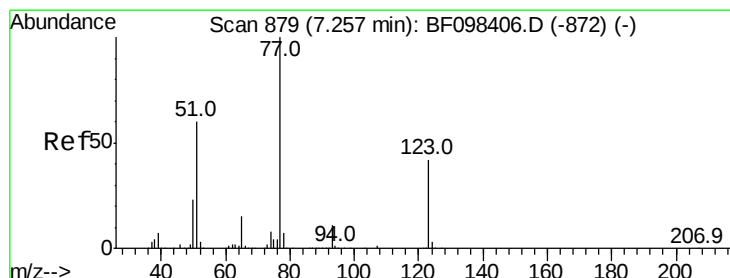
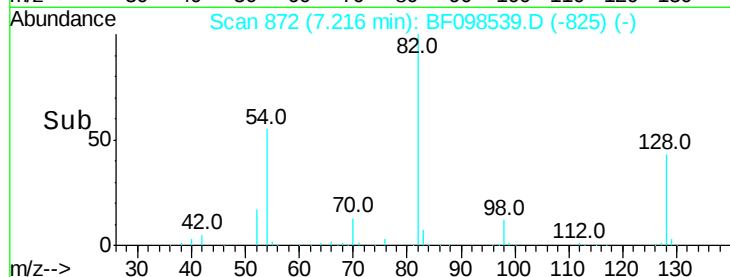
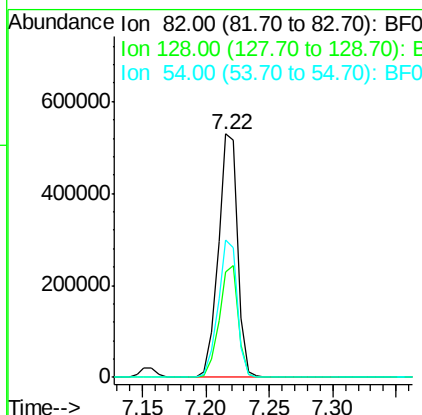
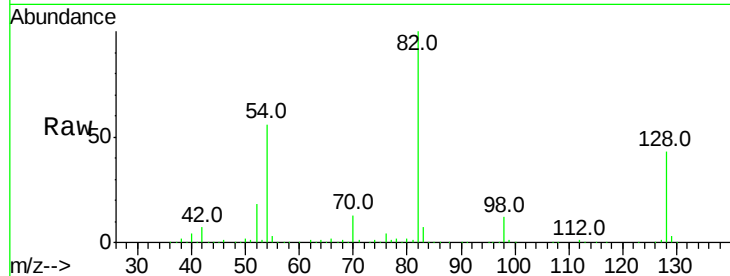




#23
 Nitrobenzene-d5
 Concen: 54.353 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

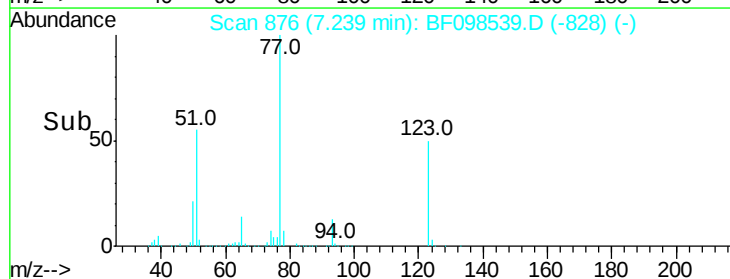
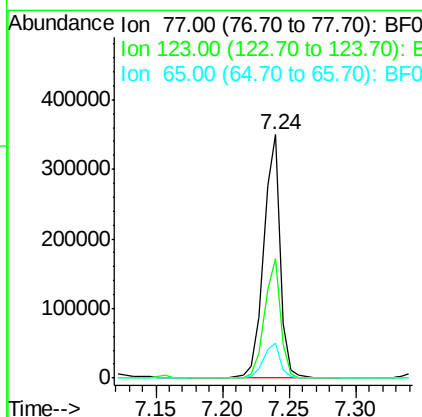
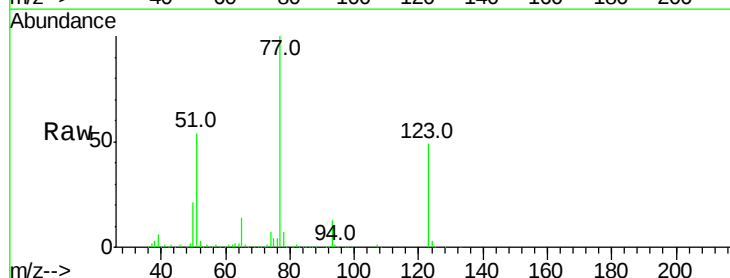
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

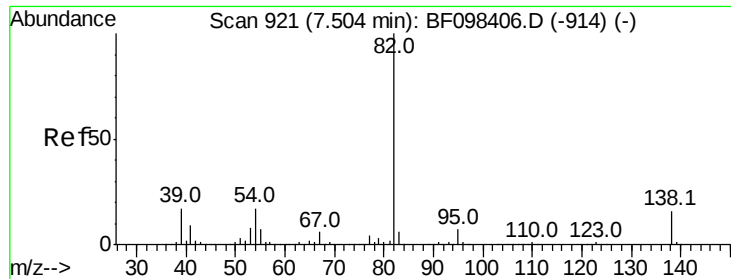
Tot Ion: 82 Resp: 566512
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 56.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 24.667 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion: 77 Resp: 292852
 Ion Ratio Lower Upper
 77 100
 123 48.9 35.8 53.8
 65 14.2 10.6 15.8





#25

Isophorone

Concen: 25.222 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

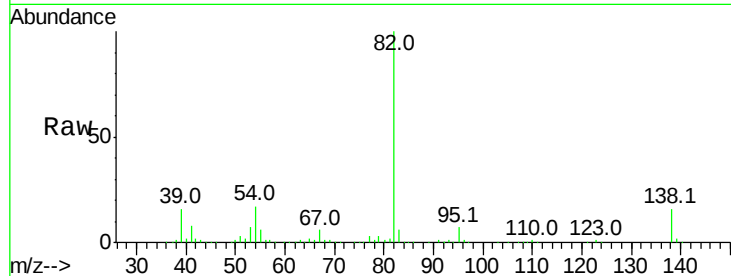
Tot Ion: 82 Resp: 531888

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

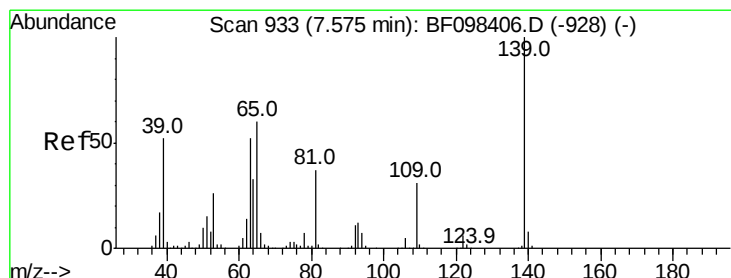
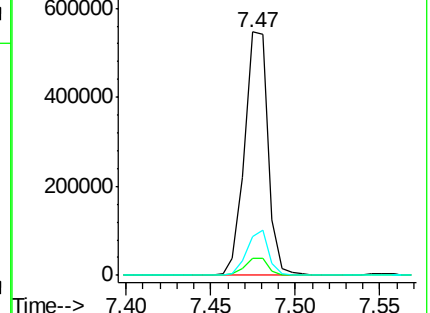
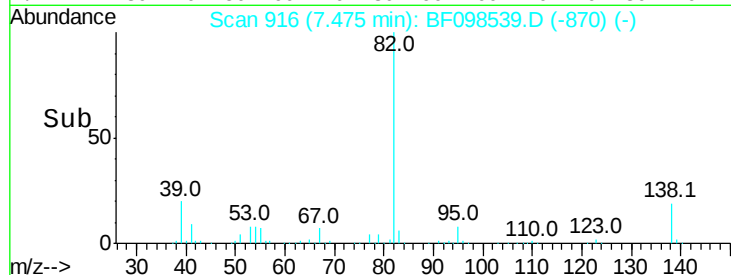
138 15.8 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.453 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

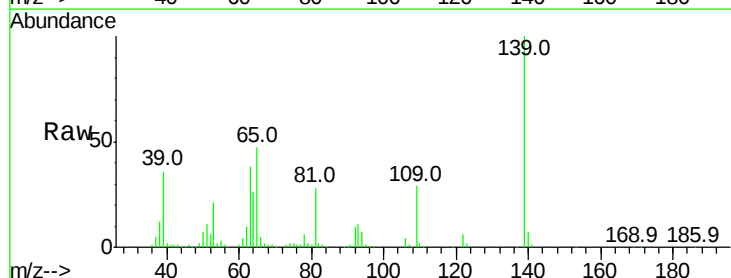
Tgt Ion: 139 Resp: 145977

Ion Ratio Lower Upper

139 100

109 28.8 21.0 31.6

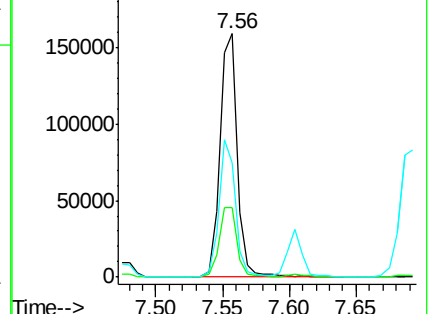
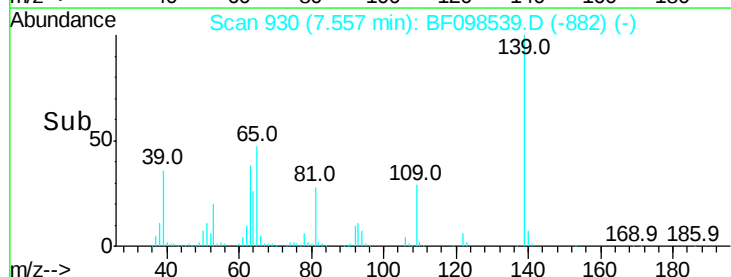
65 47.2 33.0 49.6

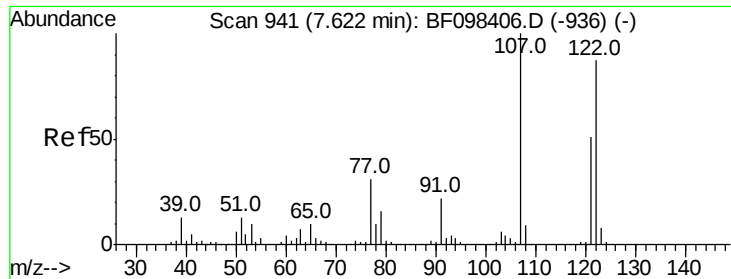


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

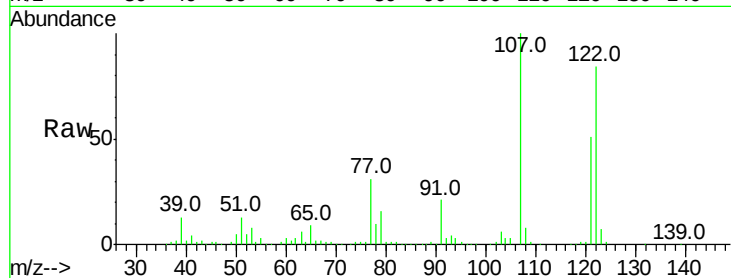




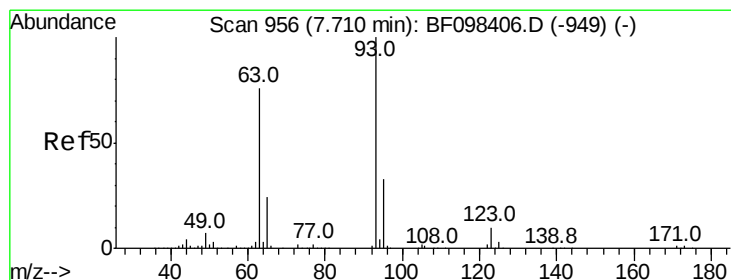
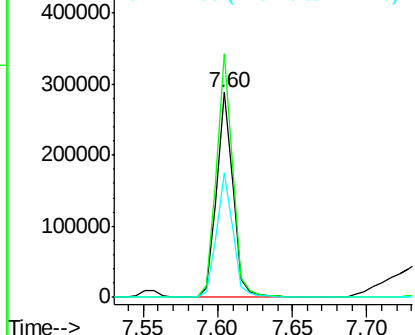
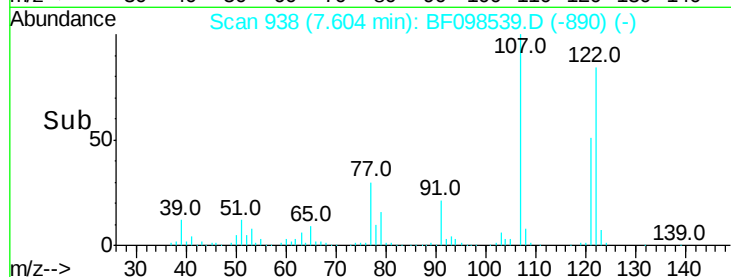
#27
 2,4-Dimethylphenol
 Concen: 24.513 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion:122 Resp: 223998
 Ion Ratio Lower Upper
 122 100
 107 119.0 89.2 133.8
 121 60.9 45.2 67.8

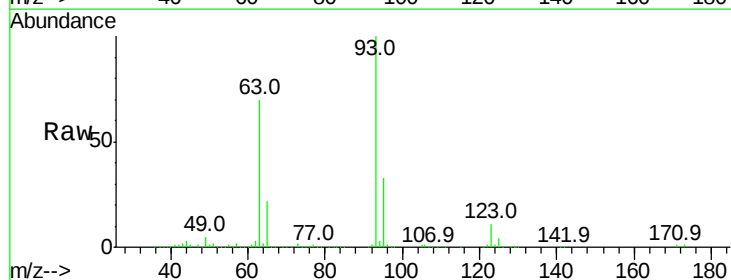


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

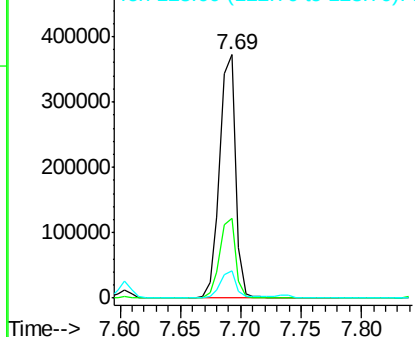
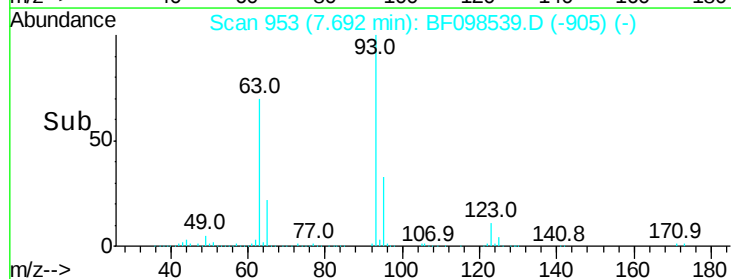


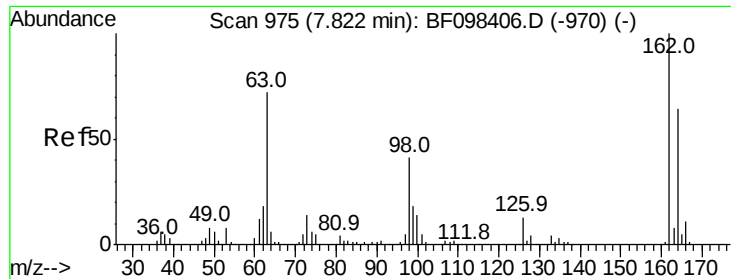
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.372 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion: 93 Resp: 339350
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.5 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

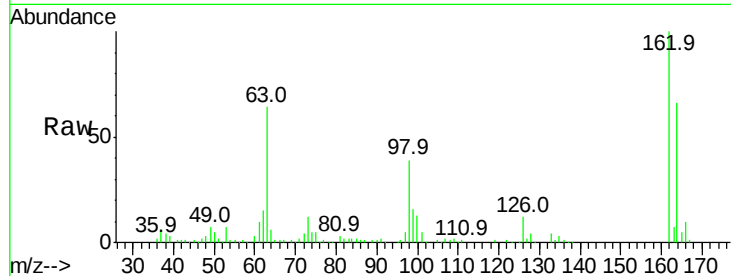




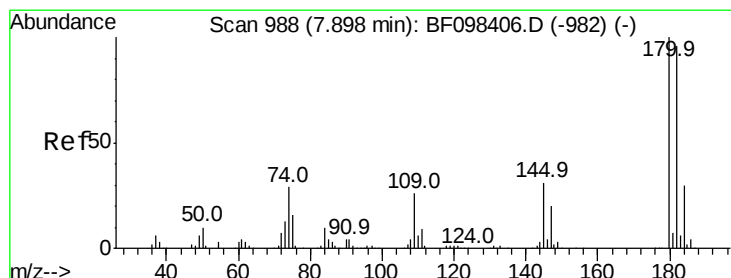
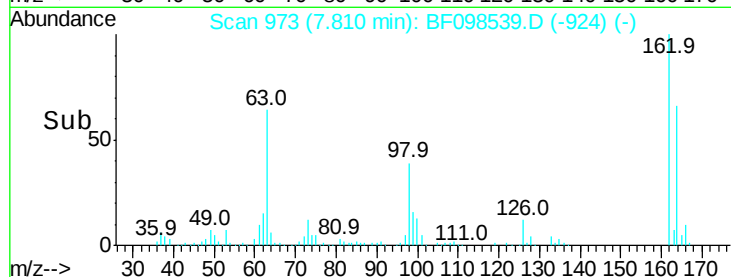
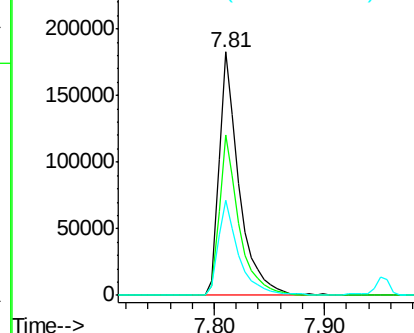
#29
2,4-Dichlorophenol
Concen: 30.073 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.6	84.6
98	38.9	14.8	54.8

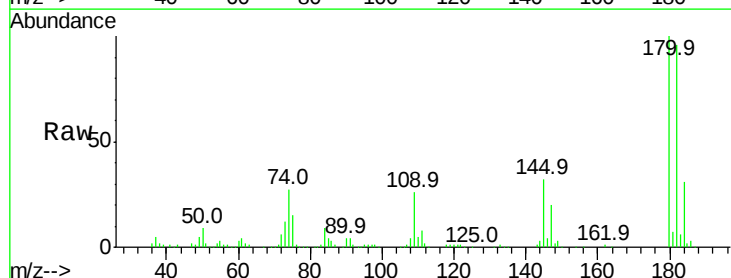


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

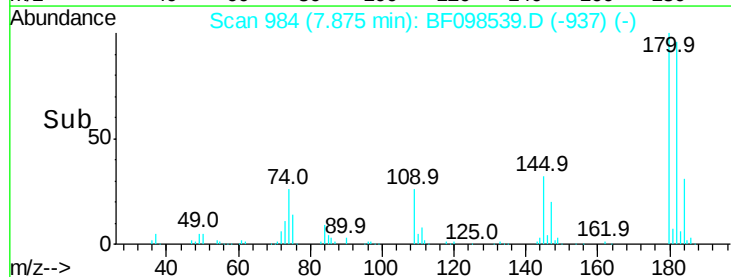
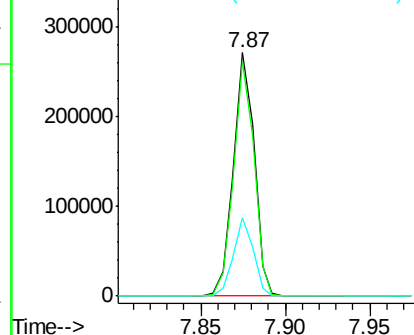


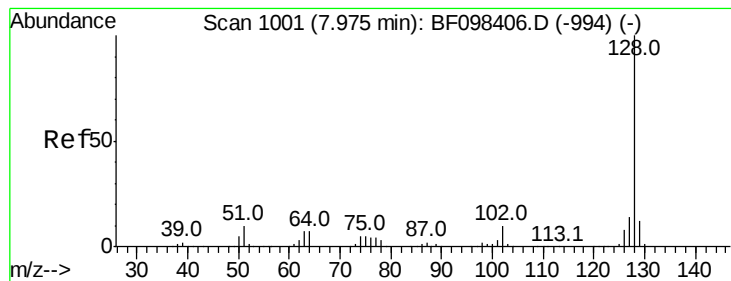
#30
1,2,4-Trichlorobenzene
Concen: 28.122 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 29.215 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

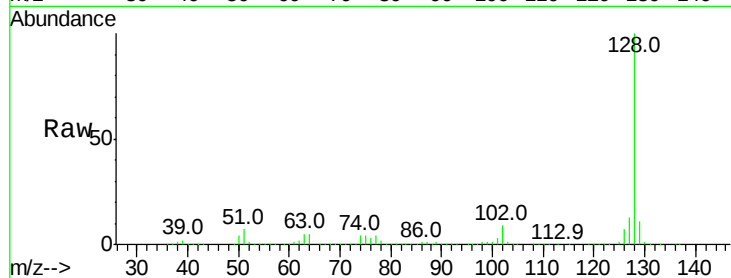
Tot Ion:128 Resp: 839219

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

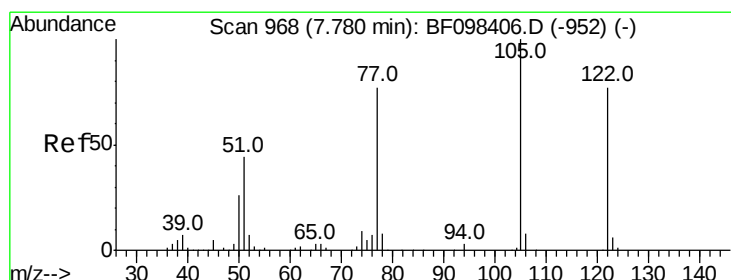
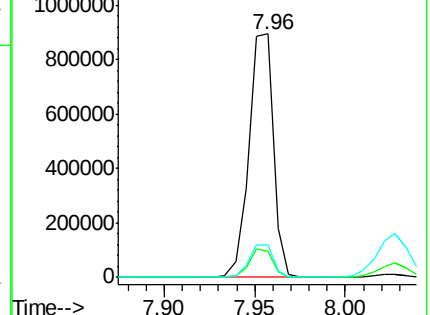
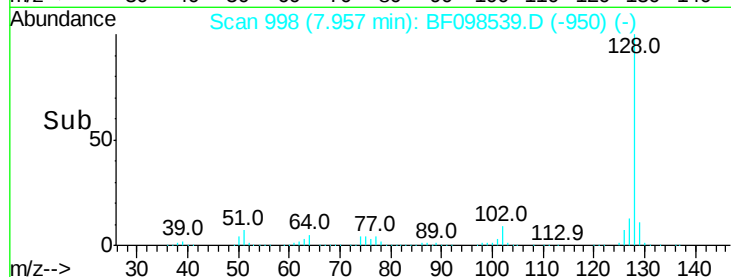
127 13.1 10.8 16.2



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: 20.596 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.05 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

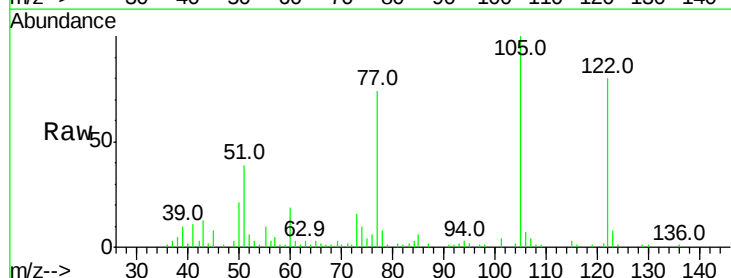
Tgt Ion:122 Resp: 92808

Ion Ratio Lower Upper

122 100

105 124.9 103.3 143.3

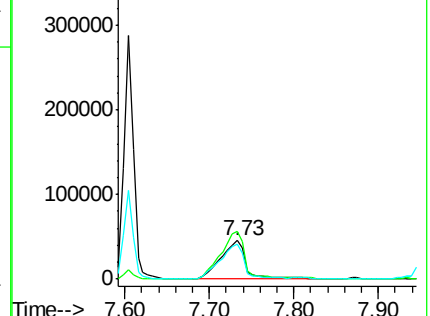
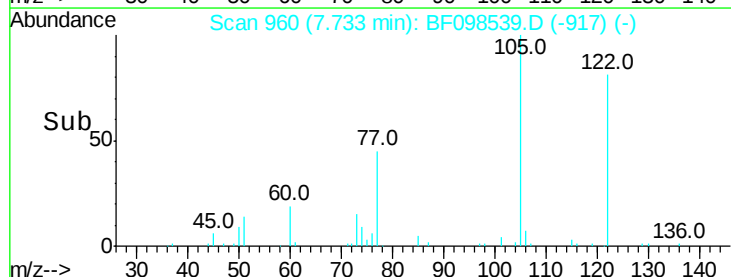
77 92.5 73.7 113.7

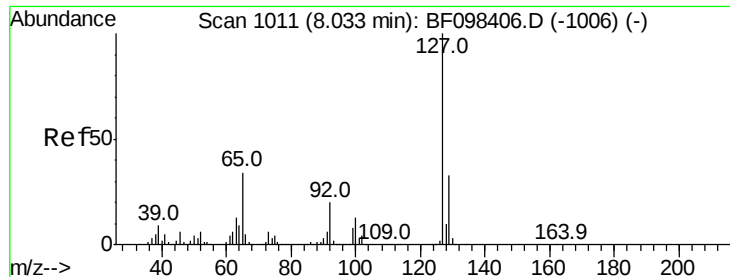


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

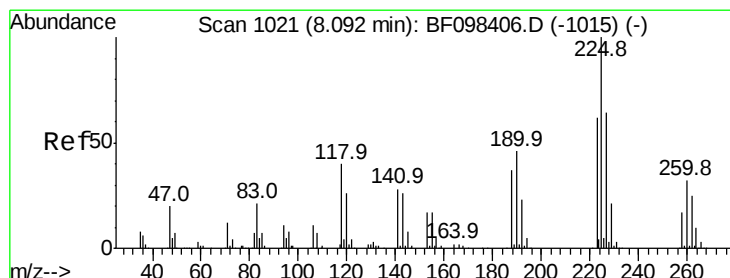
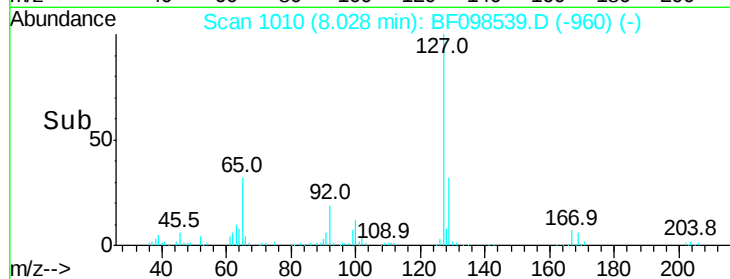
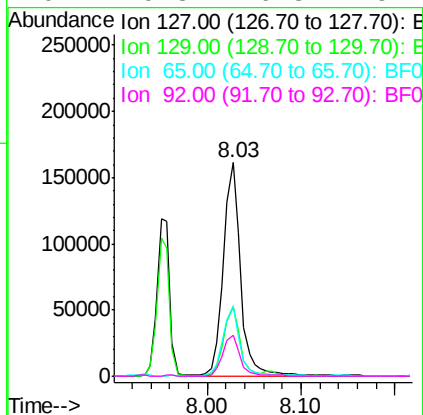
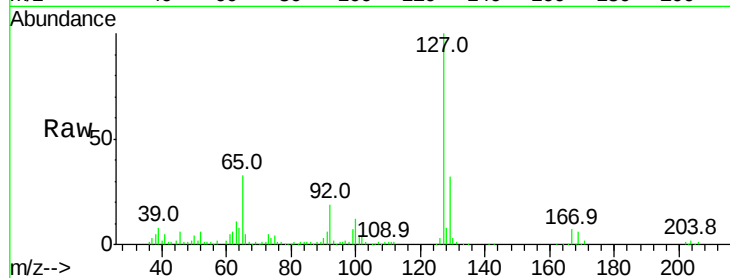




#33
4-Chloroaniline
Concen: 17.736 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

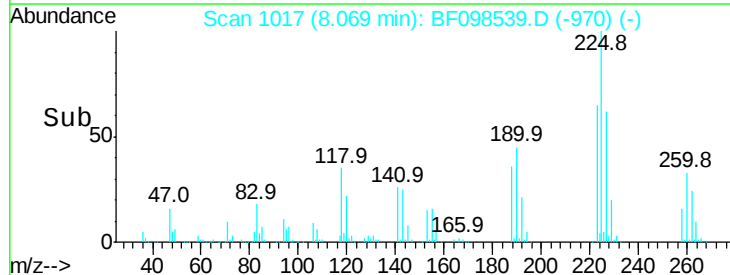
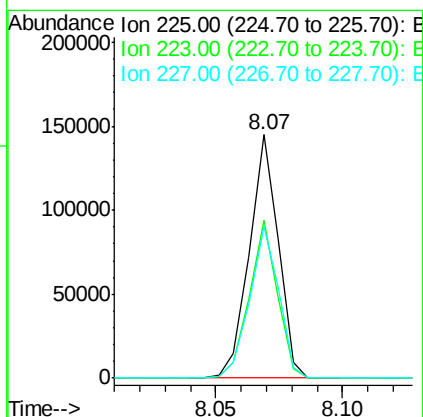
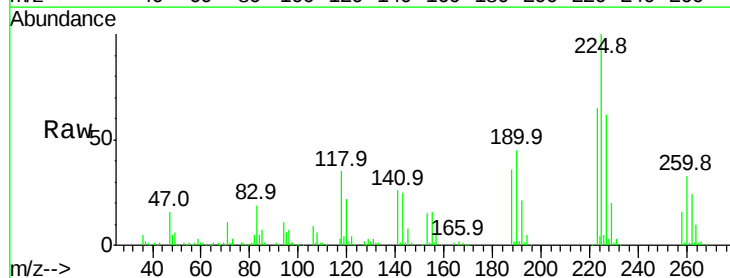
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

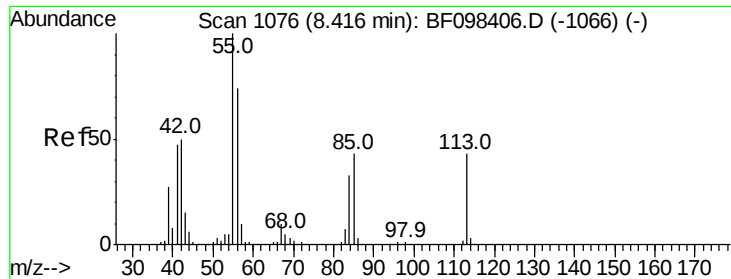
Tot Ion:	127	Resp:	207061
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	32.9	27.8	41.8
92	19.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 27.217 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:	225	Resp:	115509
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	62.3	51.1	76.7





#35

Caprolactam

Concen: 27.963 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.04 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

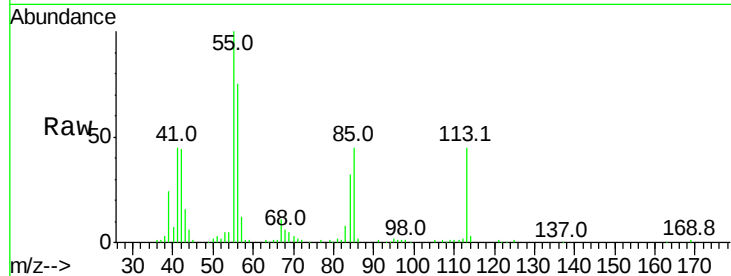
Tot Ion:113 Resp: 73284

Ion Ratio Lower Upper

113 100

55 220.8 150.2 190.2#

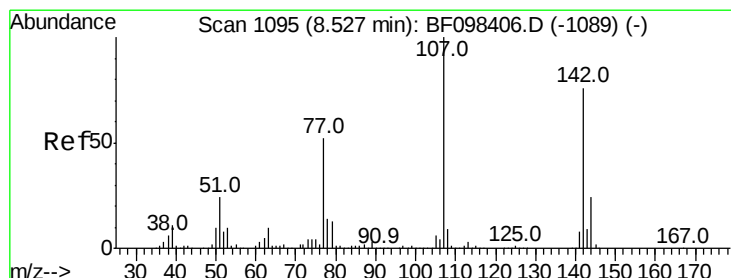
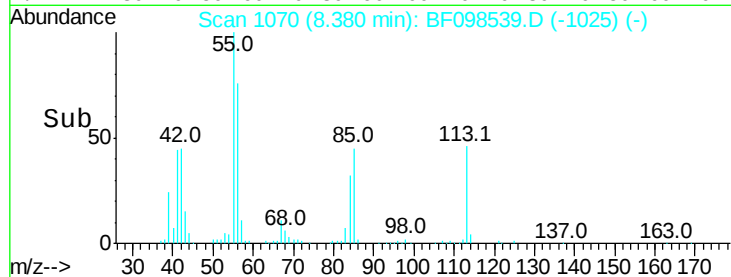
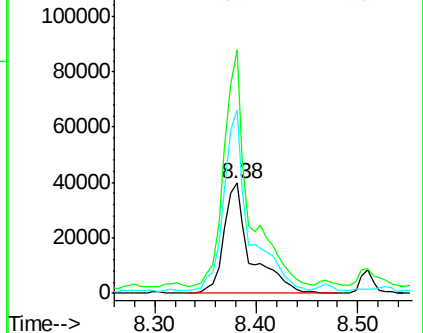
56 166.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.797 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

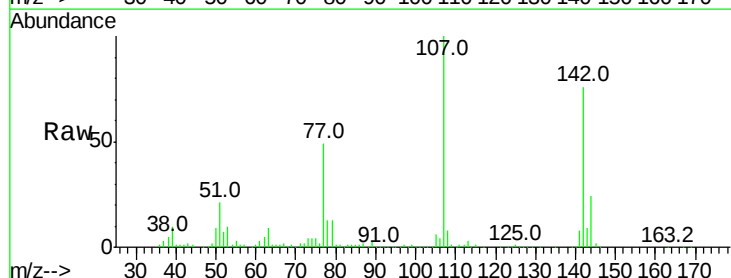
Tgt Ion:107 Resp: 252563

Ion Ratio Lower Upper

107 100

144 24.4 24.2 36.4

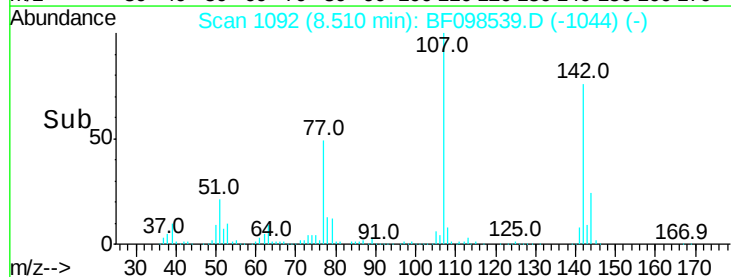
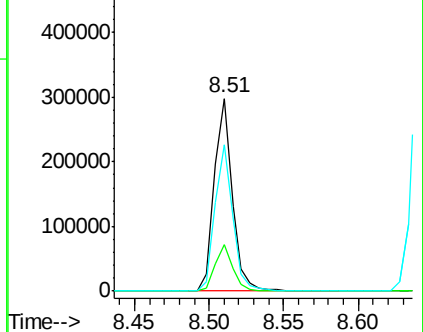
142 76.3 73.4 110.0

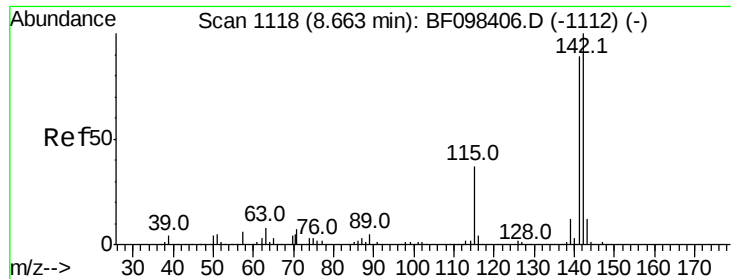


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 29.591 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.02 min

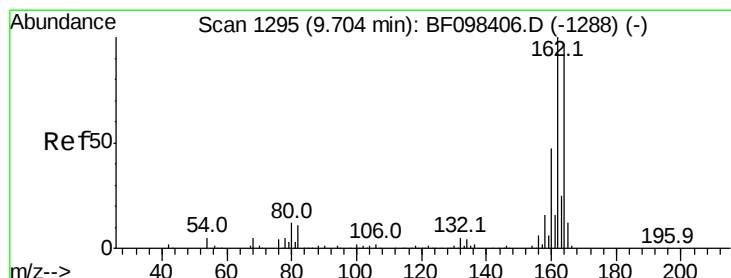
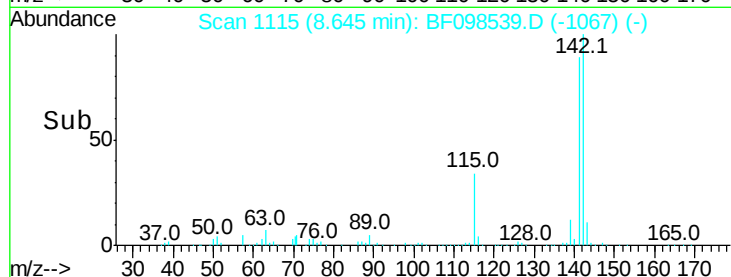
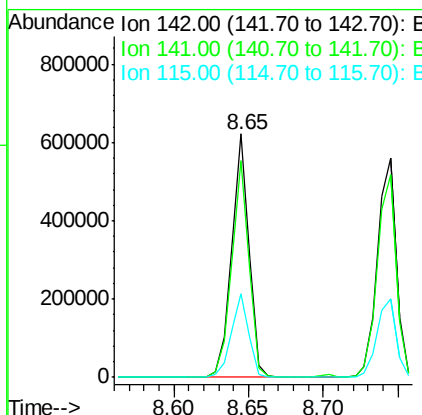
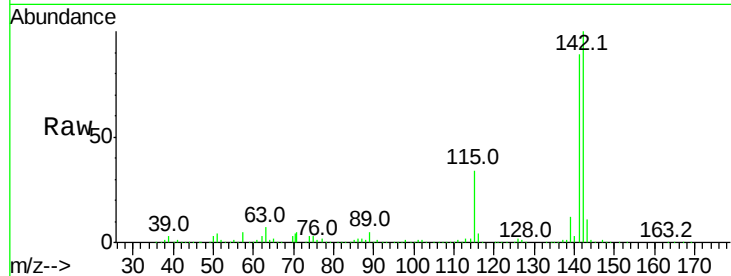
Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion:142 Resp: 514882

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	34.2	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

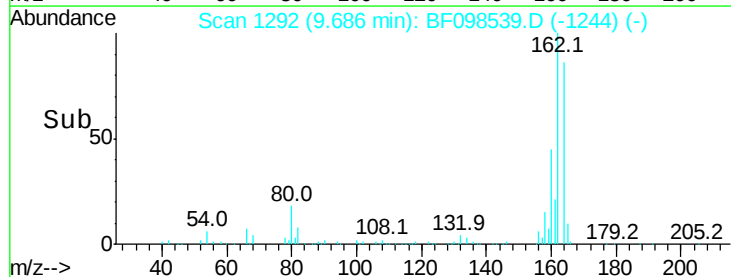
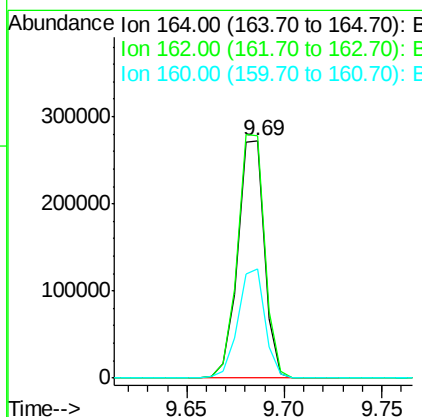
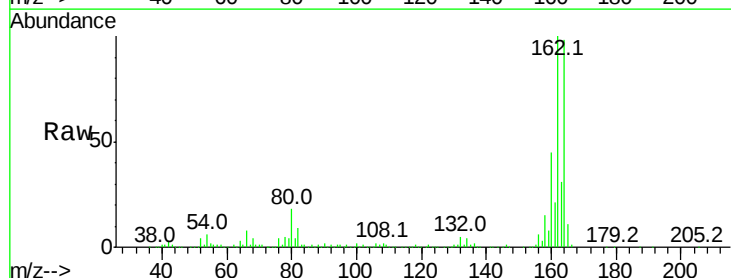
Delta R.T. -0.02 min

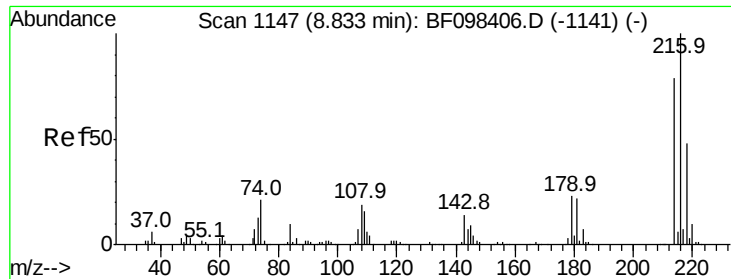
Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:164 Resp: 258378

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	45.8	36.2	54.2

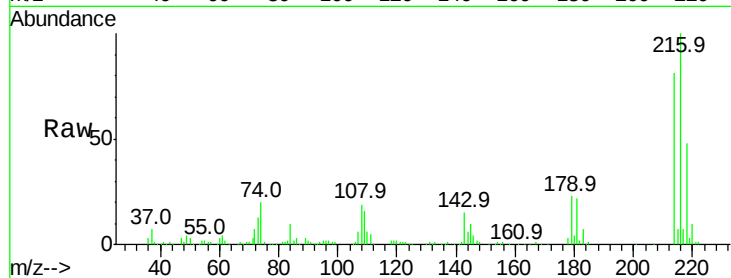




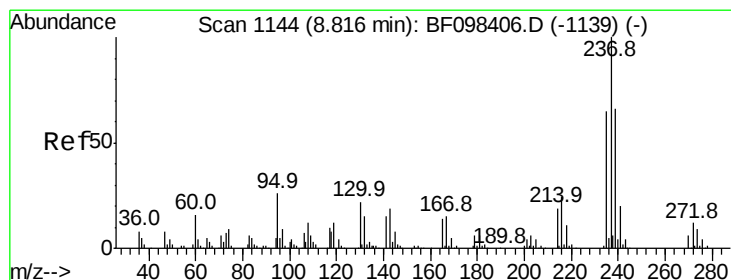
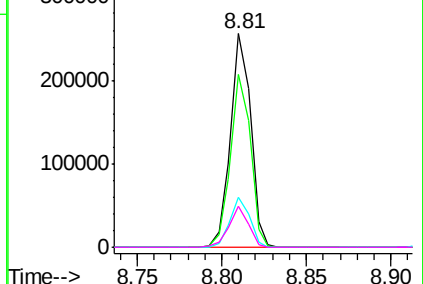
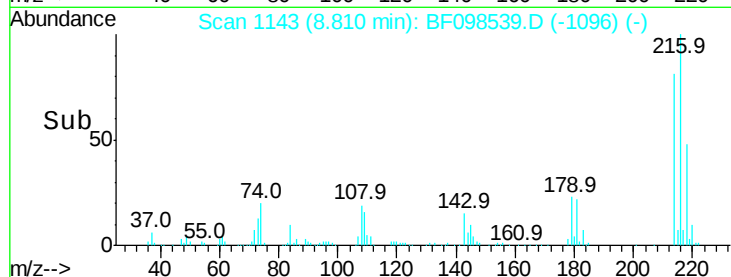
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.394 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion:	216	Resp:	212431
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.9	17.9	26.9
108	19.0	16.5	24.7

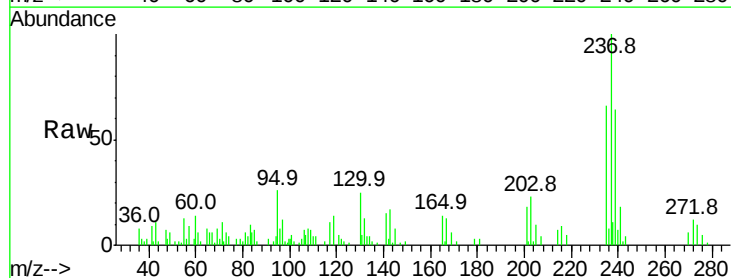


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

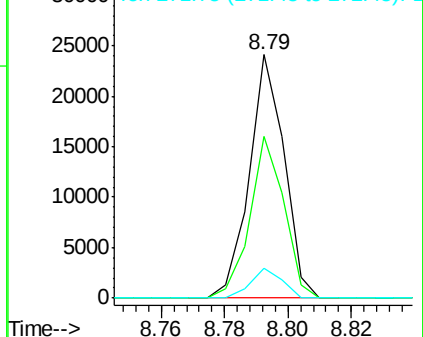
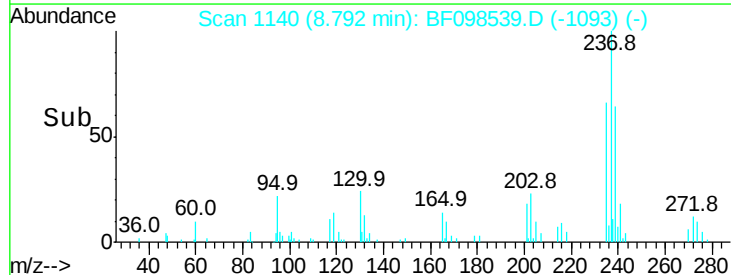


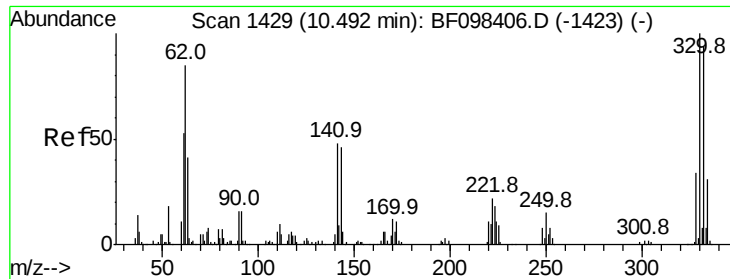
#40
 Hexachlorocyclopentadiene
 Concen: 16.686 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:	237	Resp:	18420
Ion	Ratio	Lower	Upper
237	100		
235	66.4	42.6	82.6
272	12.4	0.0	31.9



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

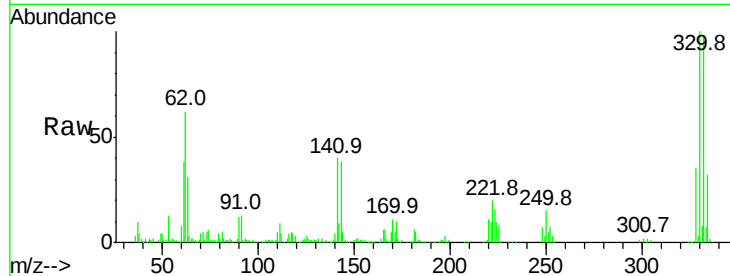




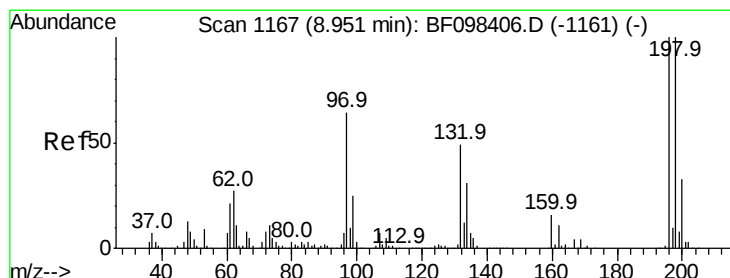
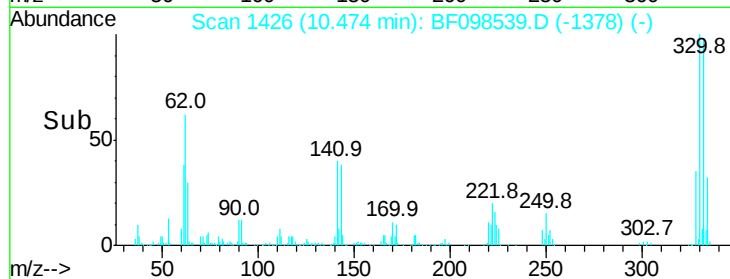
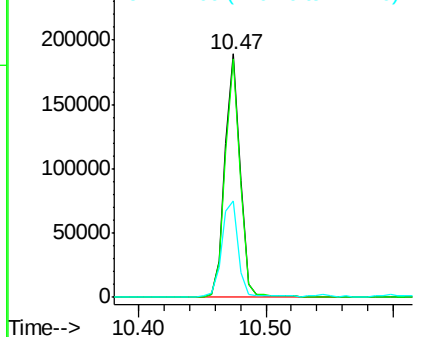
#41
 2,4,6-Tribromophenol
 Concen: 92.679 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion:330 Resp: 159821
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 42.7 31.4 47.2

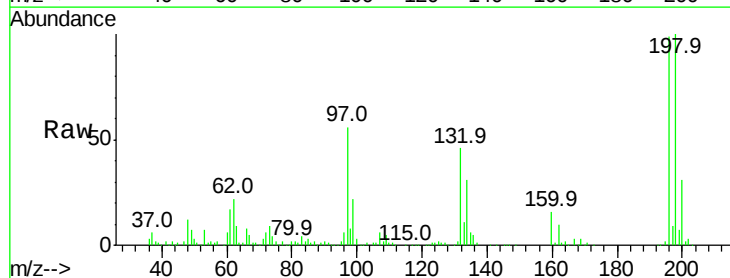


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

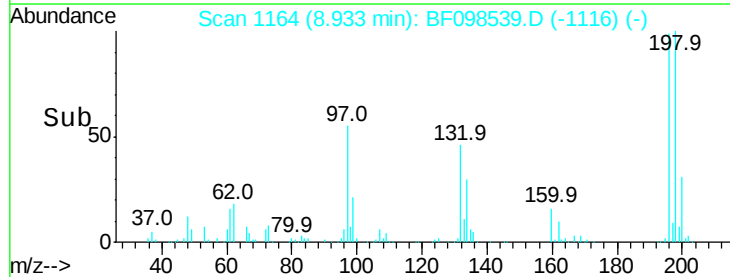
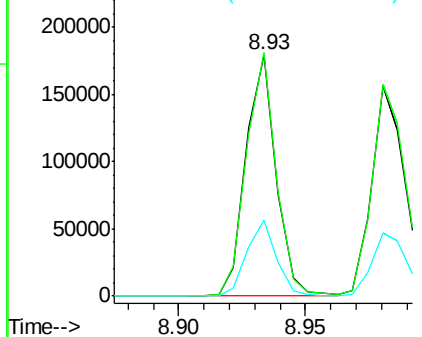


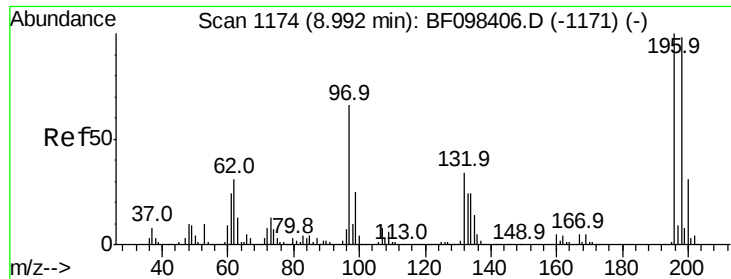
#42
 2,4,6-Trichlorophenol
 Concen: 31.573 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:196 Resp: 149256
 Ion Ratio Lower Upper
 196 100
 198 101.0 74.2 111.4
 200 31.5 24.0 36.0



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

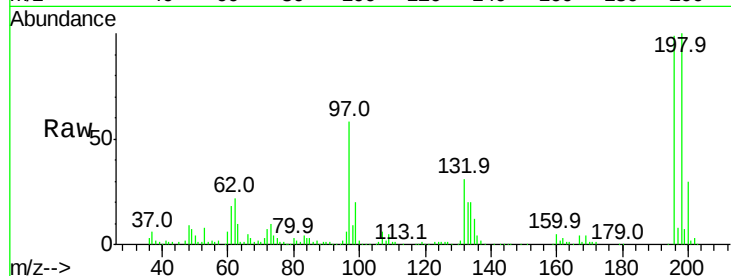




#43
 2,4,5-Trichlorophenol
 Concen: 30.968 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion:	196	Resp:	153018
Ion	Ratio	Lower	Upper
196	100		
198	100.7	75.7	113.5
97	58.1	47.7	71.5
132	31.0	28.0	42.0



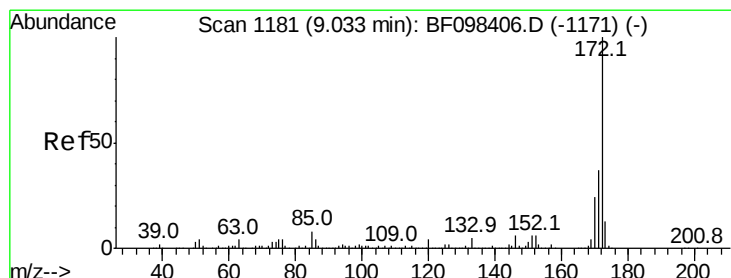
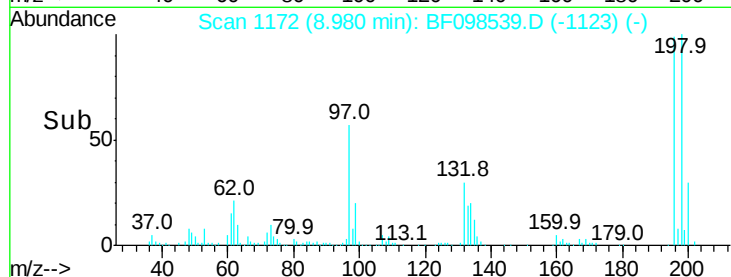
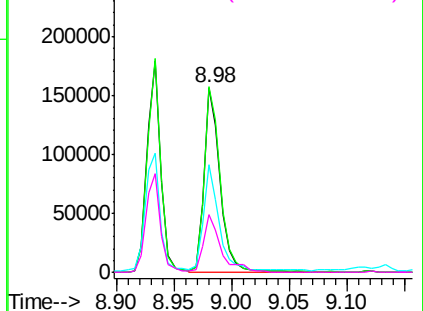
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

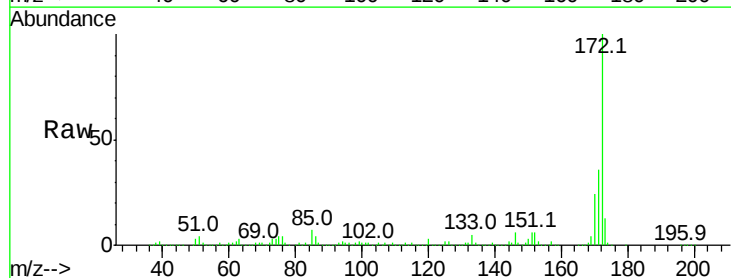
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.711 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:	172	Resp:	895006
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8

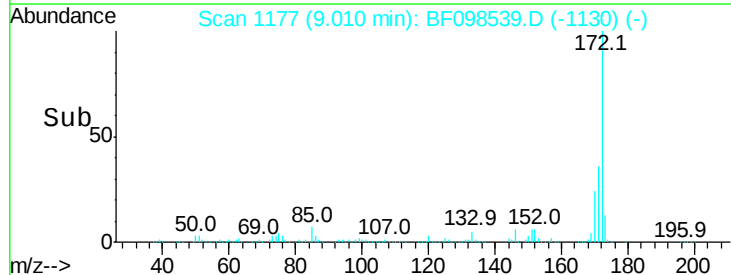
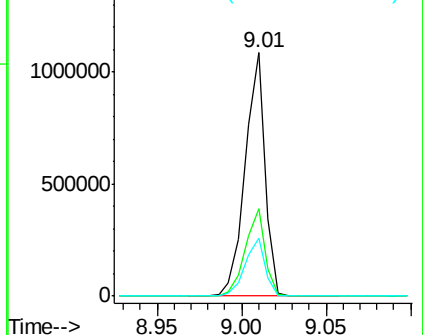


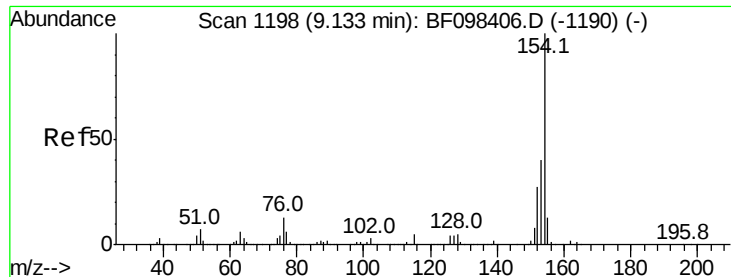
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 26.093 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

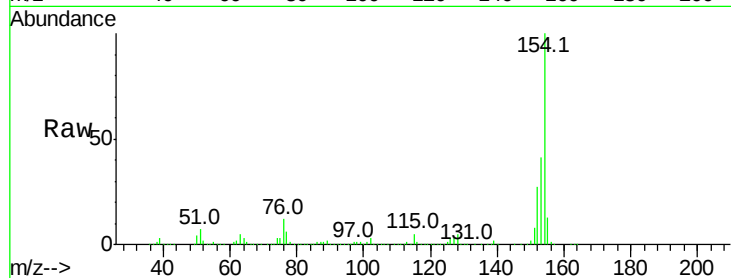
Tot Ion:154 Resp: 603442

Ion Ratio Lower Upper

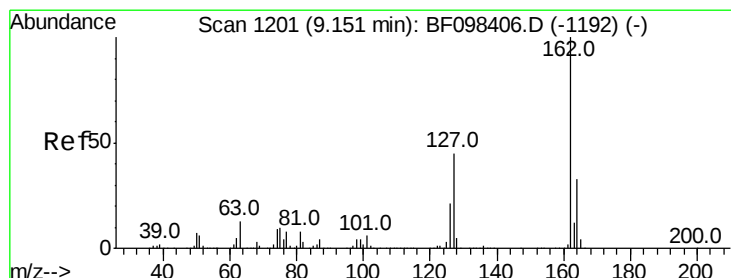
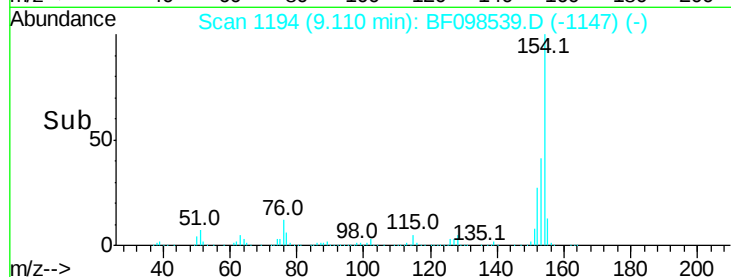
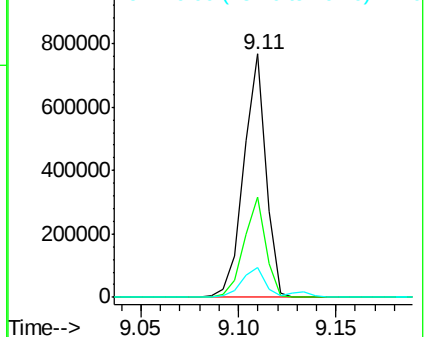
154 100

153 41.2 21.2 61.2

76 12.5 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 27.885 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

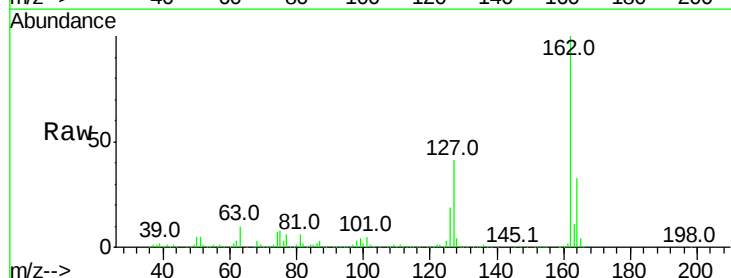
Tgt Ion:162 Resp: 460558

Ion Ratio Lower Upper

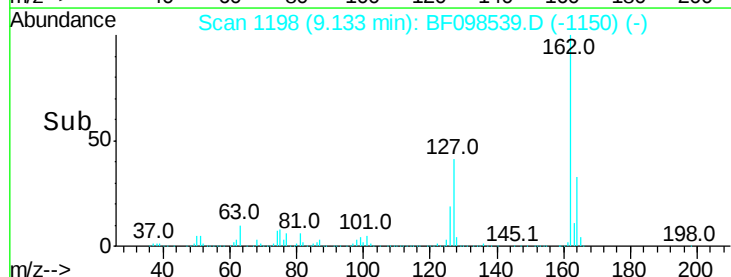
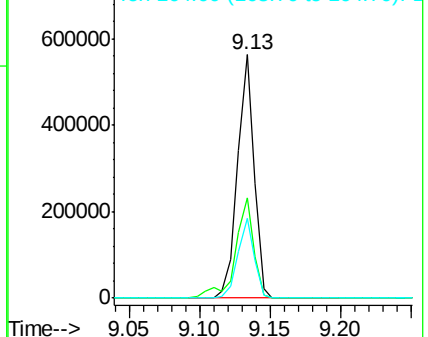
162 100

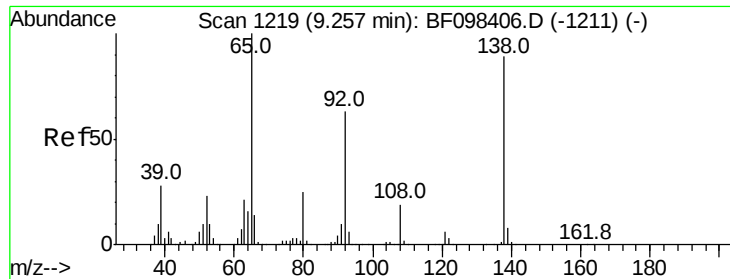
127 41.4 28.3 42.5

164 32.7 27.0 40.4



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: 25.791 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

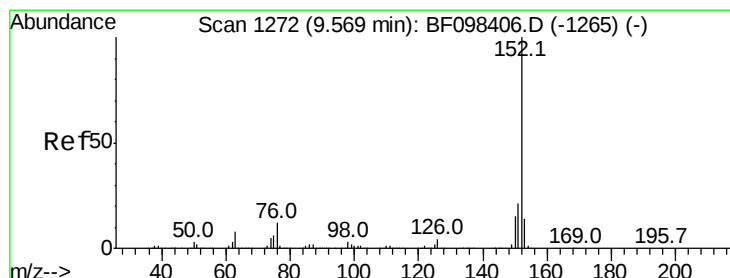
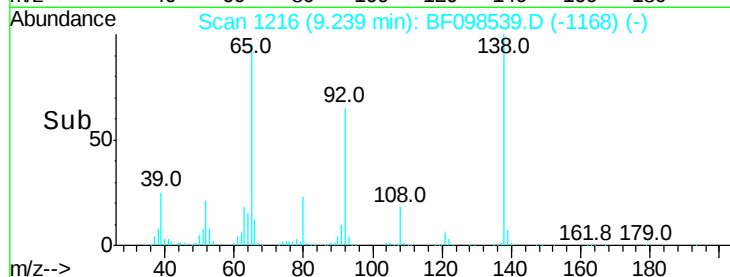
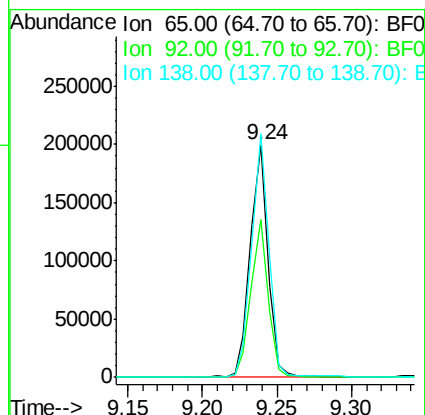
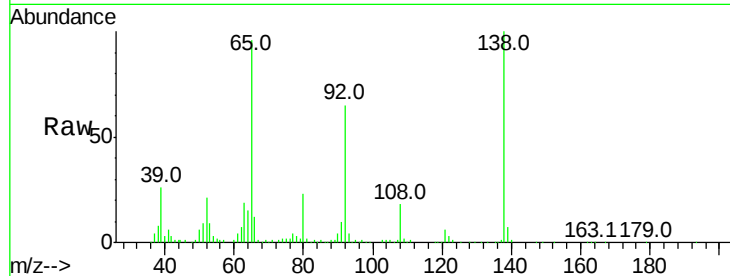
Tot Ion: 65 Resp: 163494

Ion Ratio Lower Upper

65 100

92 67.8 53.9 80.9

138 104.6 78.8 118.2



#48

Acenaphthylene

Concen: 27.536 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

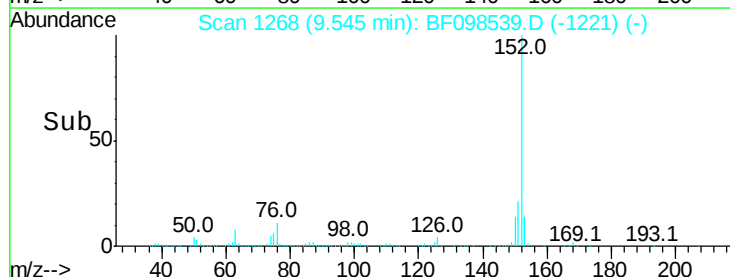
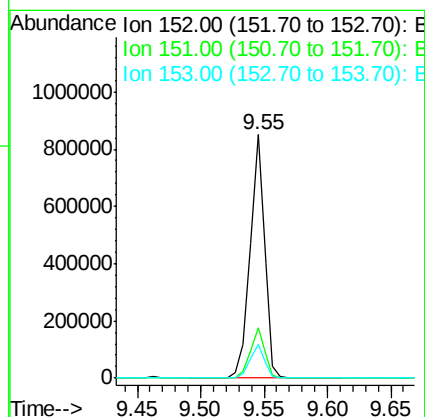
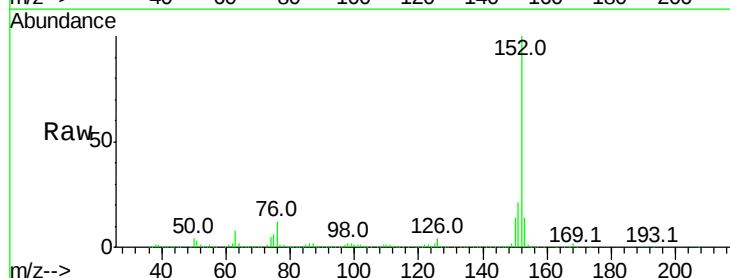
Tgt Ion: 152 Resp: 676214

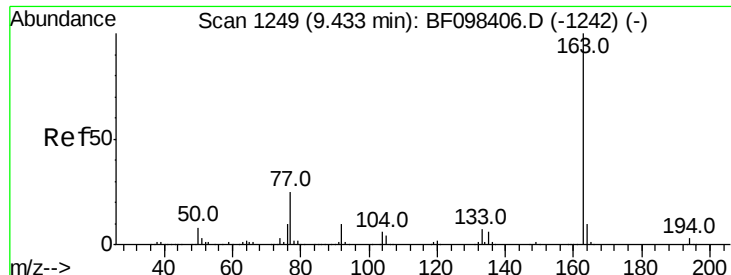
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.9 10.8 16.2





#49

Dimethylphthalate

Concen: 35.420 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

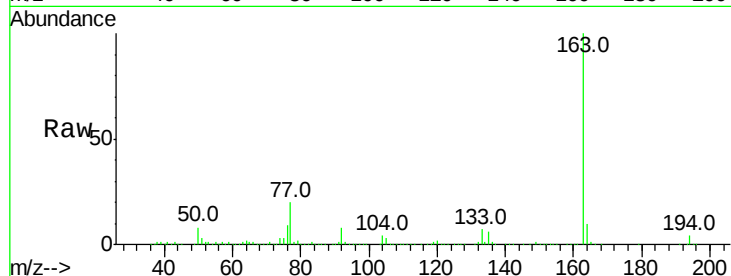
Tot Ion:163 Resp: 708430

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

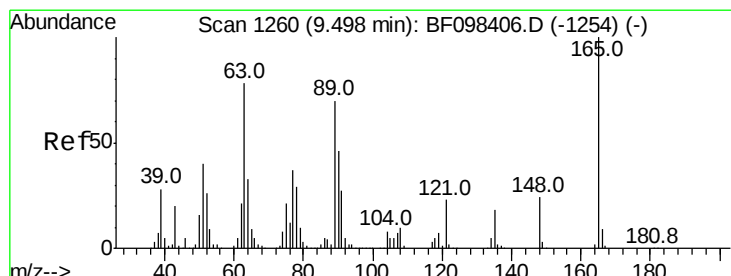
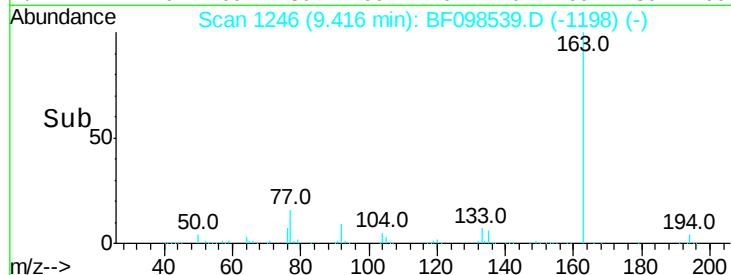
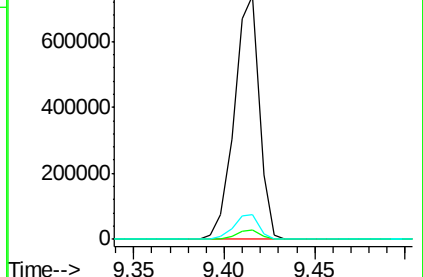
164 10.3 8.4 12.6



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: 29.435 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

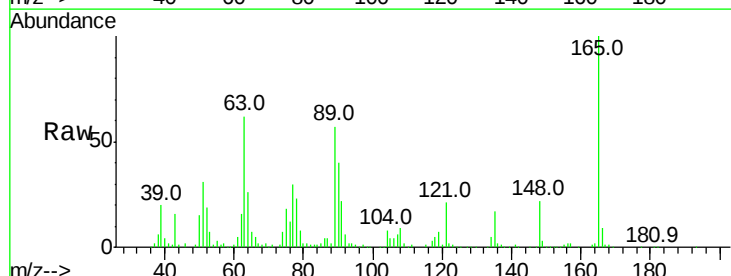
Tgt Ion:165 Resp: 120928

Ion Ratio Lower Upper

165 100

63 61.7 34.3 51.5#

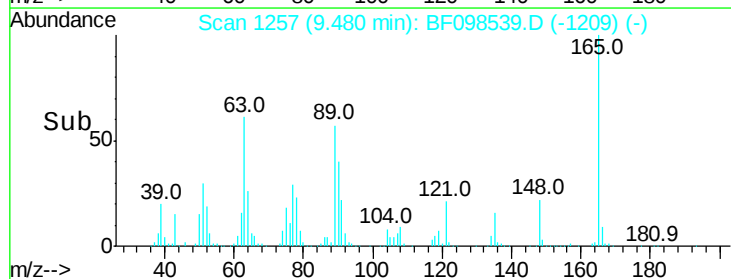
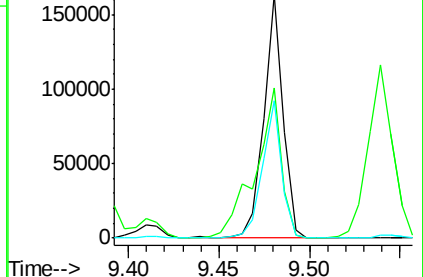
89 56.6 37.1 55.7#

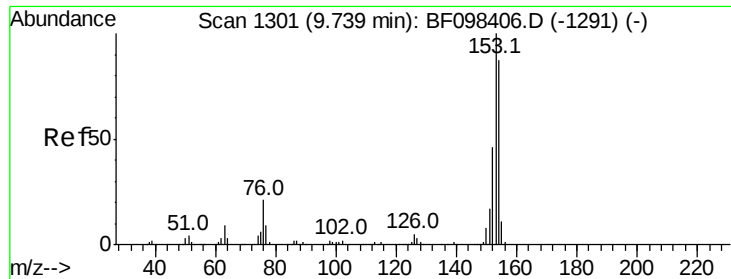


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 28.570 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

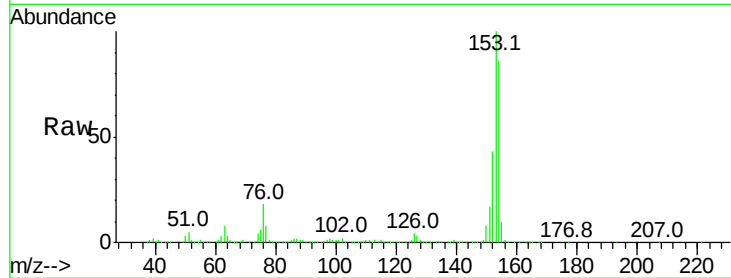
Tot Ion:154 Resp: 445985

Ion Ratio Lower Upper

154 100

153 116.2 90.5 135.7

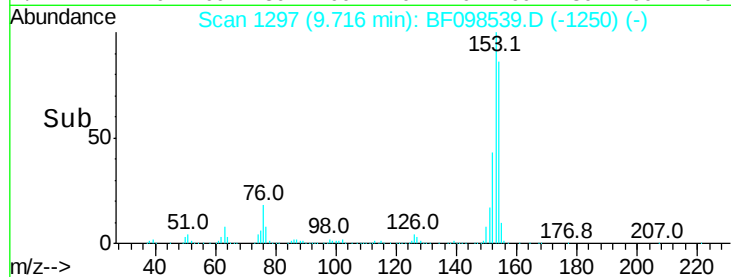
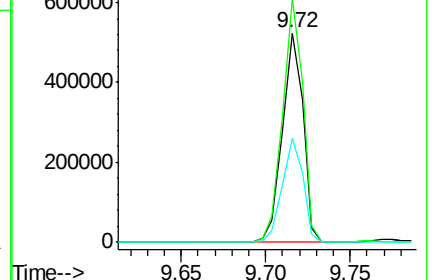
152 49.8 43.6 65.4



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: 21.381 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

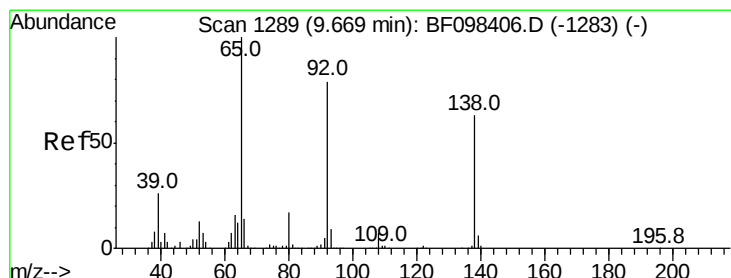
Tgt Ion:138 Resp: 106035

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

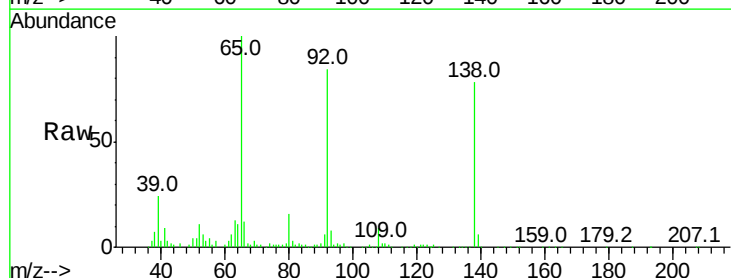
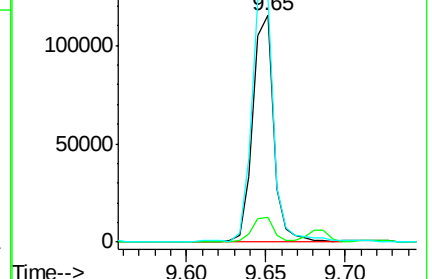
92 107.4 93.8 140.6

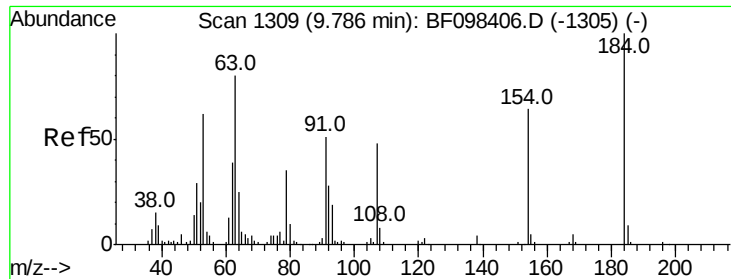


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

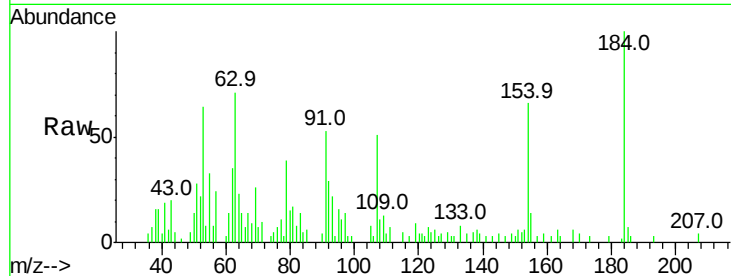




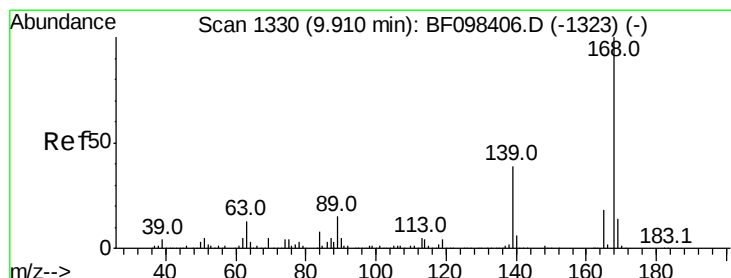
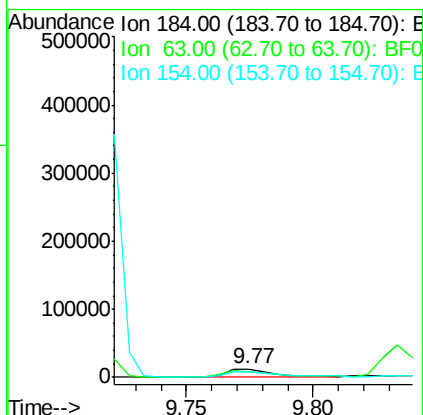
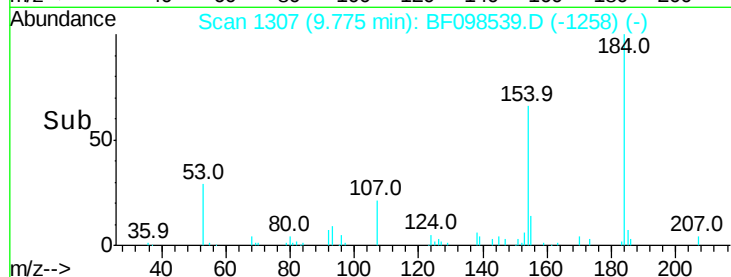
#53
2,4-Dinitrophenol
Concen: 16.671 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion:184 Resp: 17706
Ion Ratio Lower Upper
184 100
63 70.8 62.7 94.1
154 66.5 81.1 121.7#

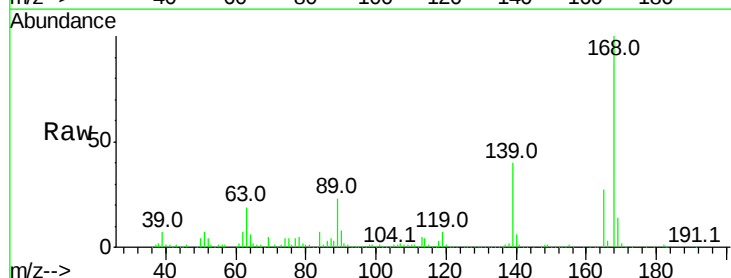


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

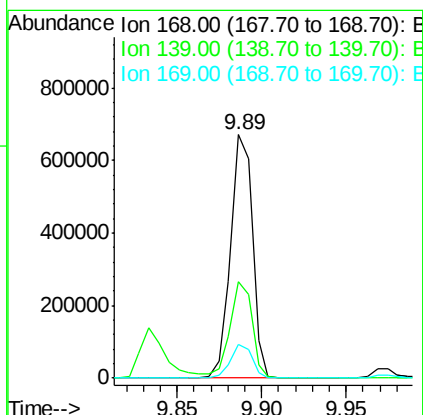
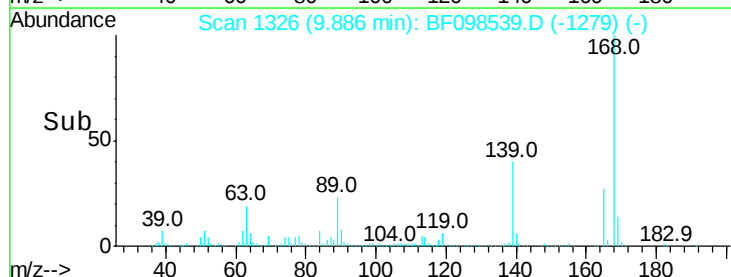


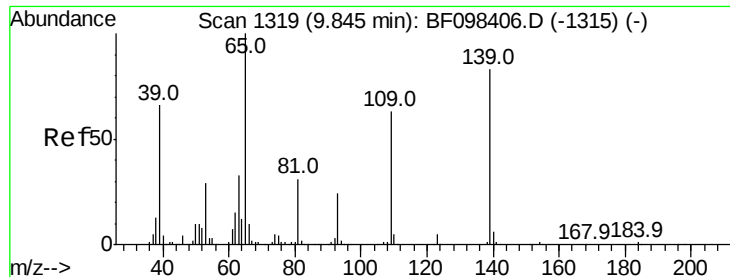
#54
Dibenzofuran
Concen: 29.355 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:168 Resp: 603689
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.6 10.8 16.2



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: 50.827 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

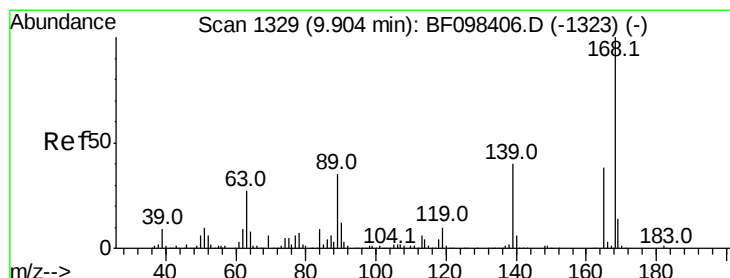
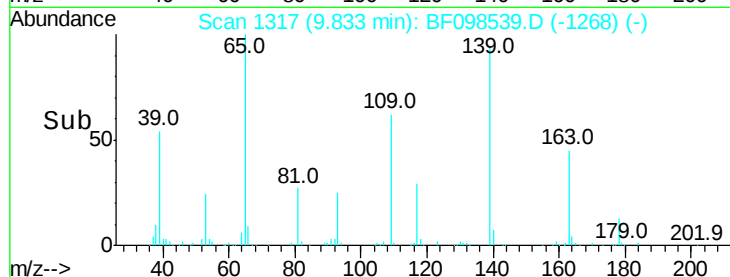
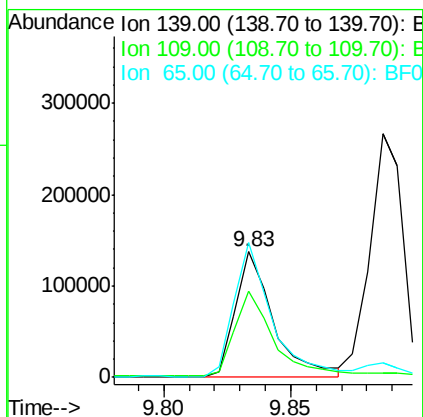
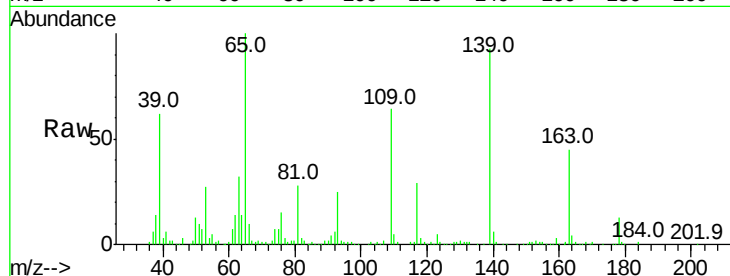
Tot Ion:139 Resp: 144821

Ion Ratio Lower Upper

139 100

109 69.0 34.1 74.1

65 107.4 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 28.985 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:165 Resp: 144769

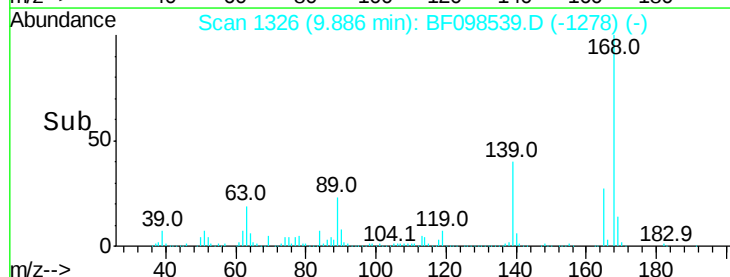
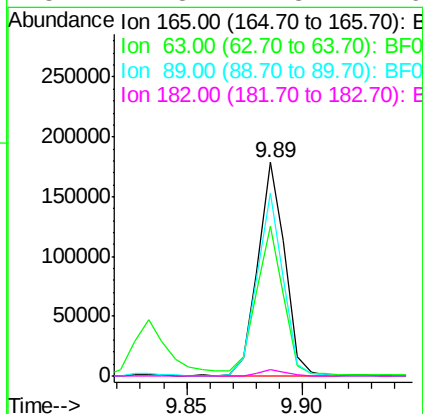
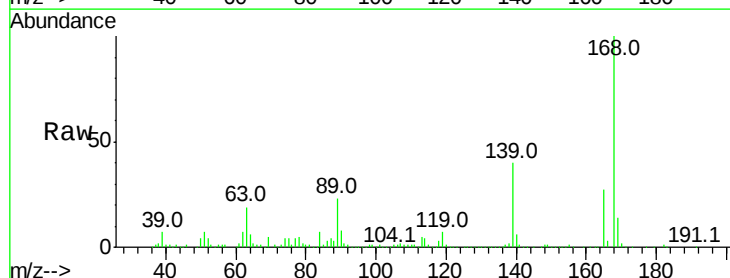
Ion Ratio Lower Upper

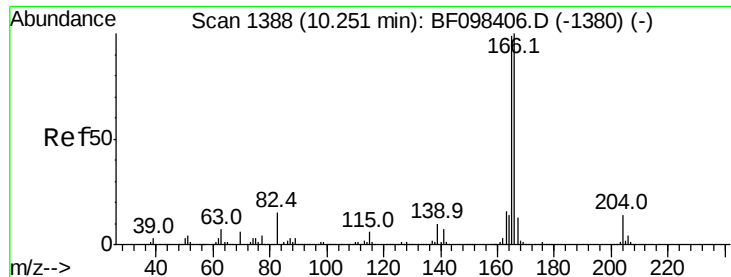
165 100

63 70.1 25.4 38.0#

89 85.7 46.4 69.6#

182 2.8 1.8 2.6#





#57

Fluorene

Concen: 29.029 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

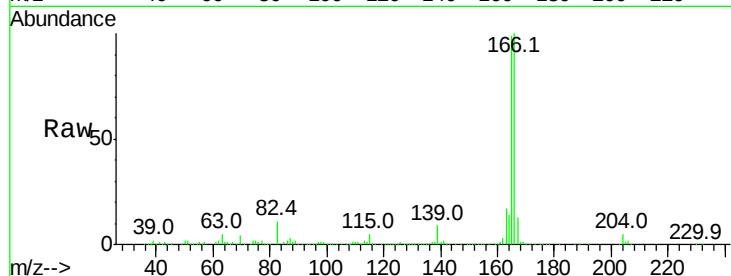
Tot Ion:166 Resp: 494126

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

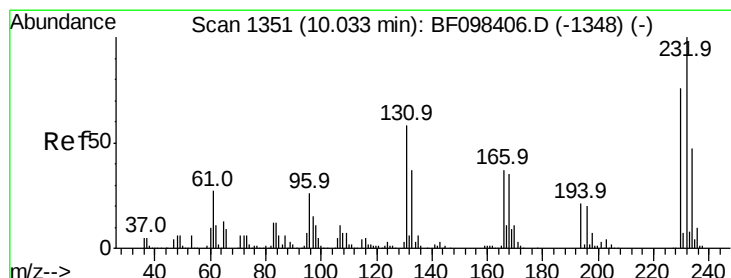
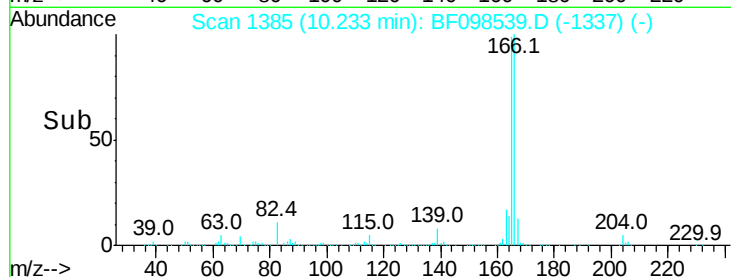
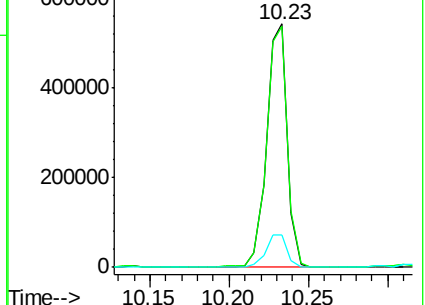
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.140 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:232 Resp: 106730

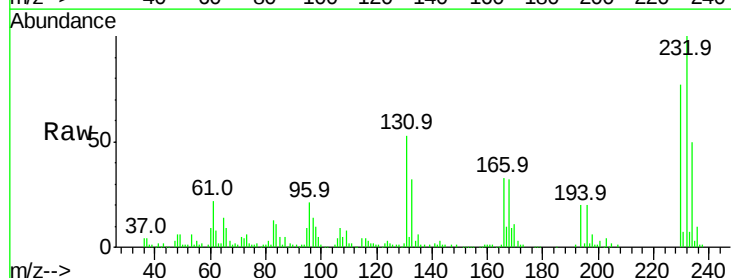
Ion Ratio Lower Upper

232 100

131 51.1 44.8 67.2

130 3.1 2.3 3.5

166 33.4 29.0 43.4

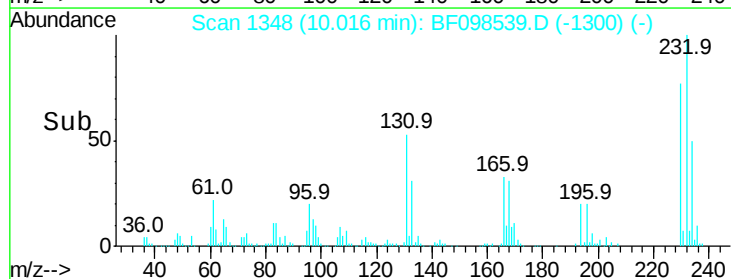
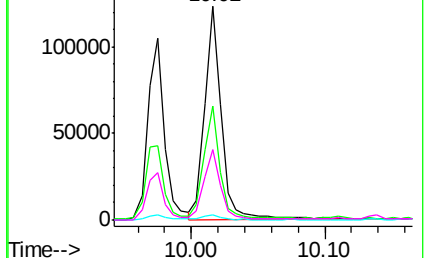


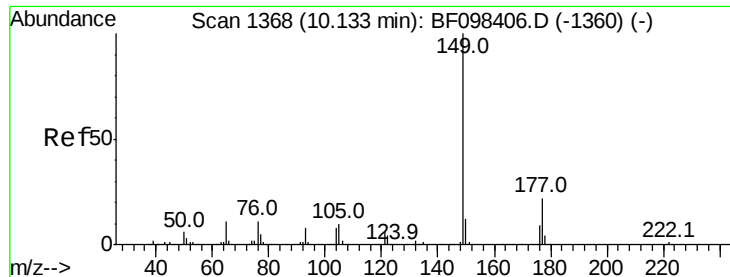
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

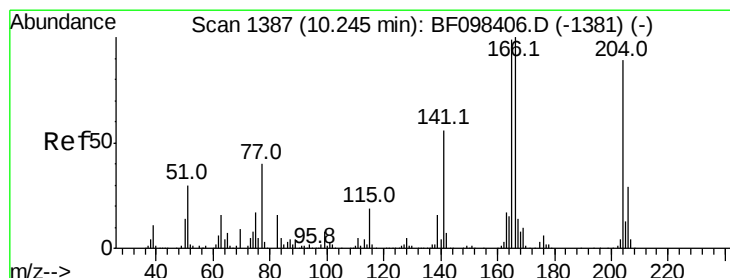
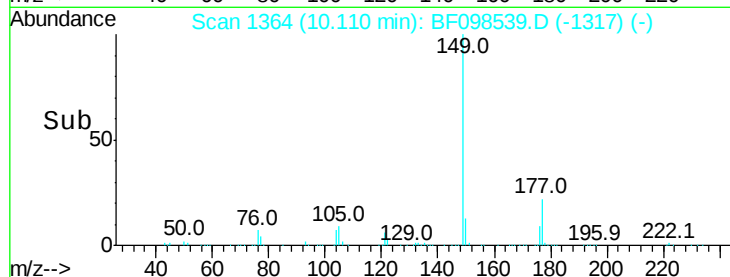
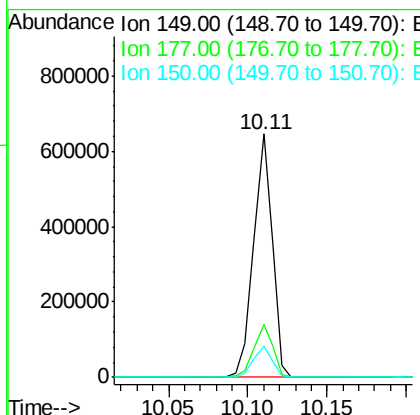
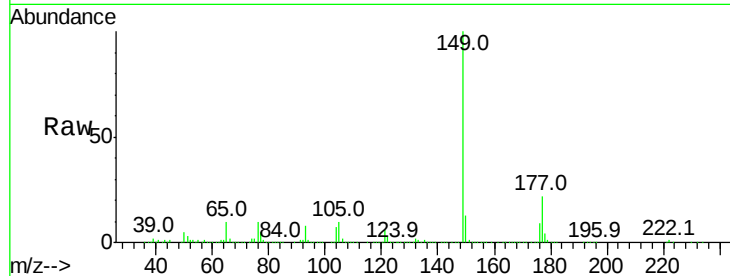




#59
Diethylphthalate
Concen: 27.734 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

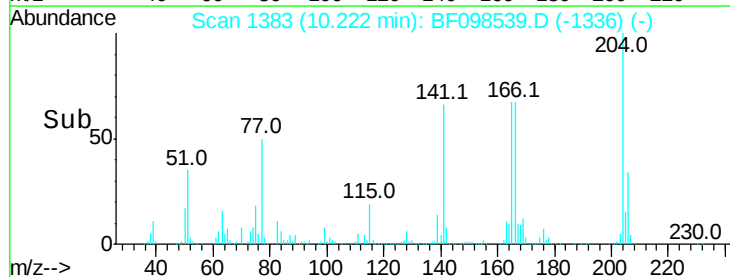
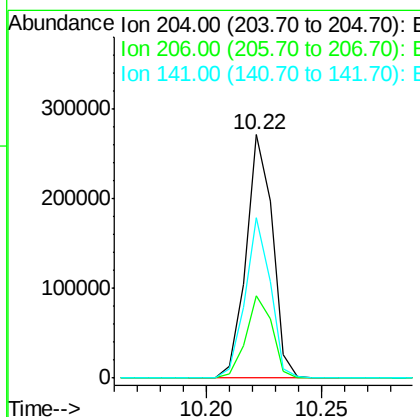
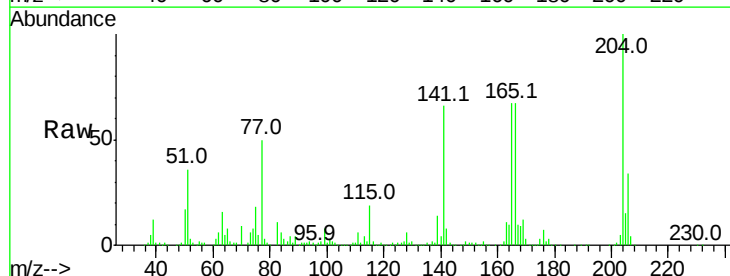
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

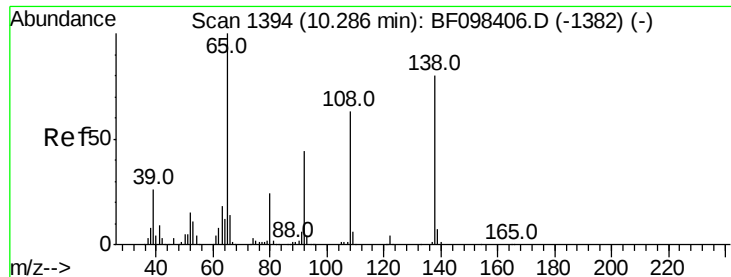
Tot Ion:149 Resp: 527540
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 27.633 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:204 Resp: 217250
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 65.9 60.8 91.2

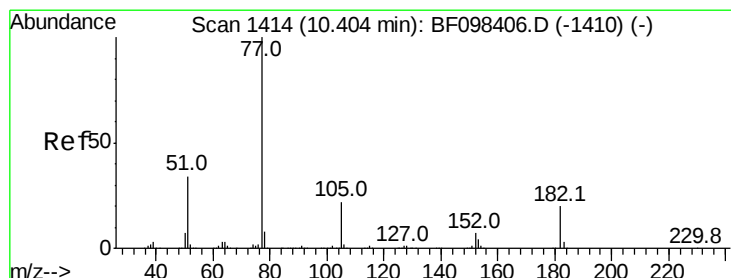
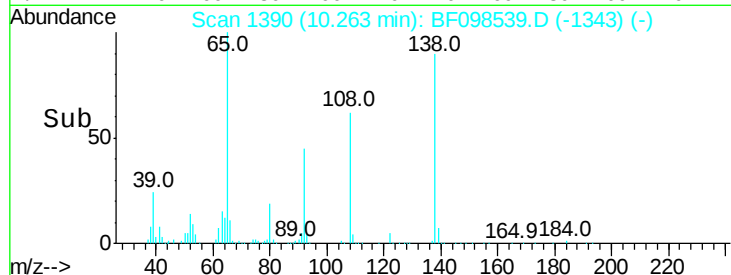
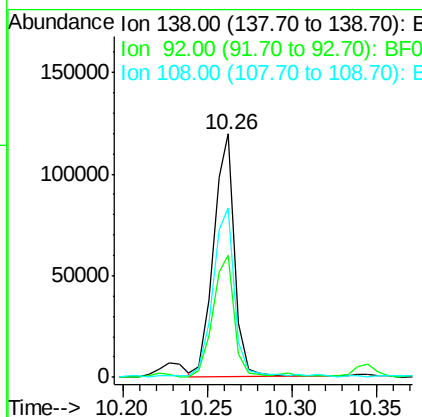
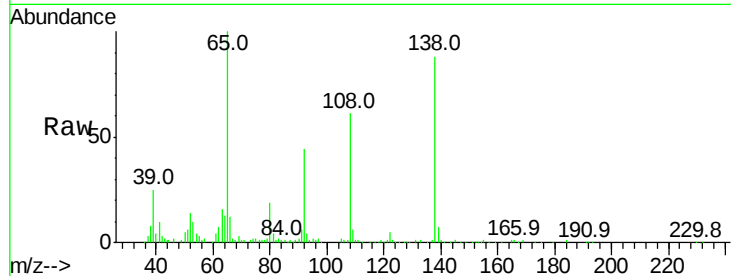




#61
4-Nitroaniline
Concen: 20.865 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

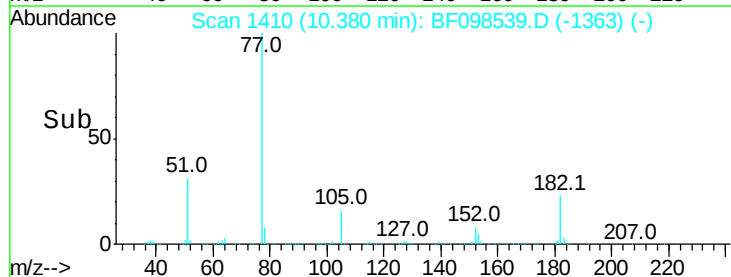
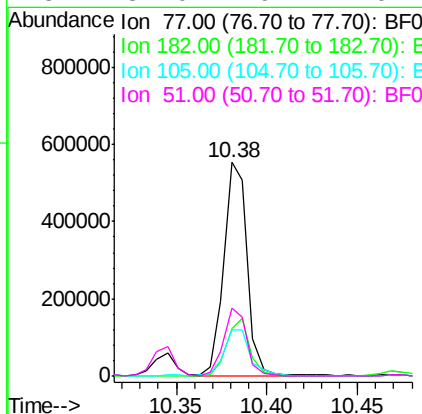
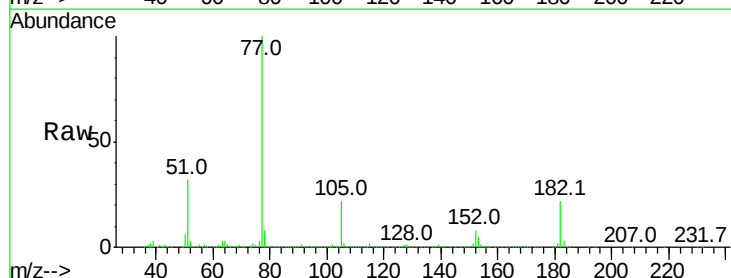
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

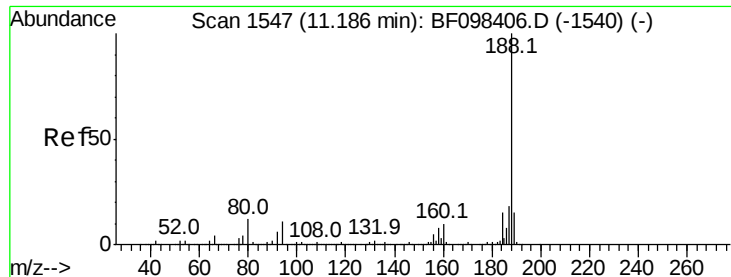
Tot Ion:138 Resp: 104499
Ion Ratio Lower Upper
138 100
92 49.9 21.8 61.8
108 69.5 42.3 82.3



#62
Azobenzene
Concen: 23.956 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion: 77 Resp: 491116
Ion Ratio Lower Upper
77 100
182 22.3 0.1 40.1
105 21.7 3.6 43.6
51 32.0 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

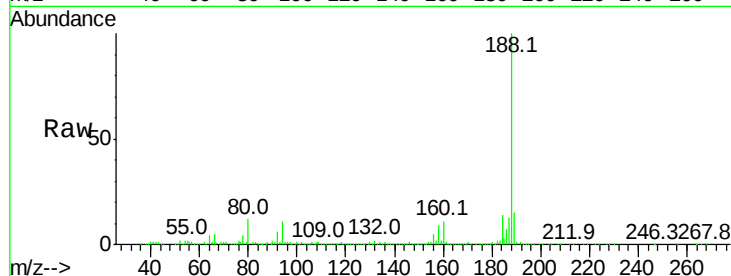
Tot Ion:188 Resp: 414300

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

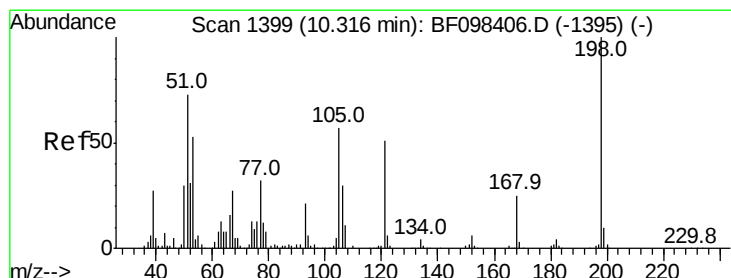
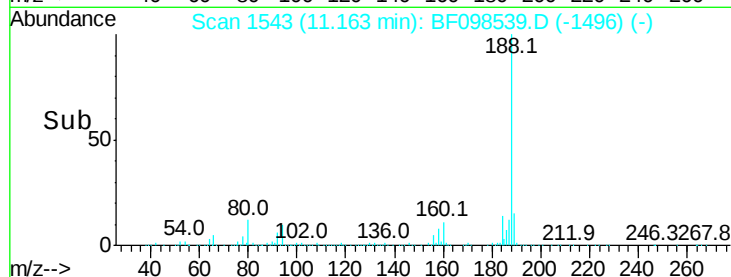
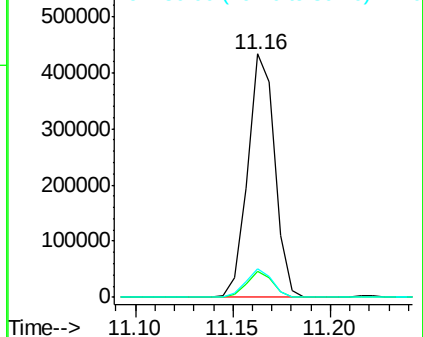
80 11.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.572 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

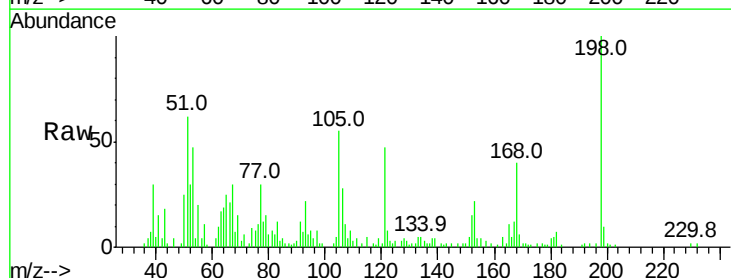
Tgt Ion:198 Resp: 24396

Ion Ratio Lower Upper

198 100

51 61.6 53.2 93.2

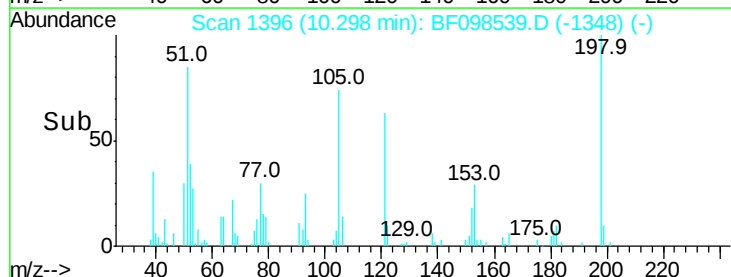
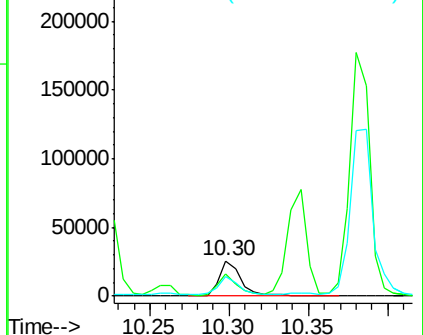
105 54.8 45.8 85.8

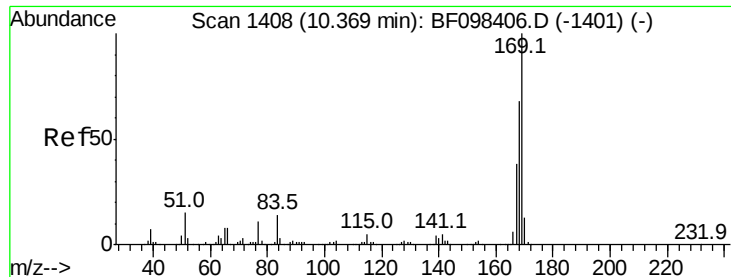


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.934 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

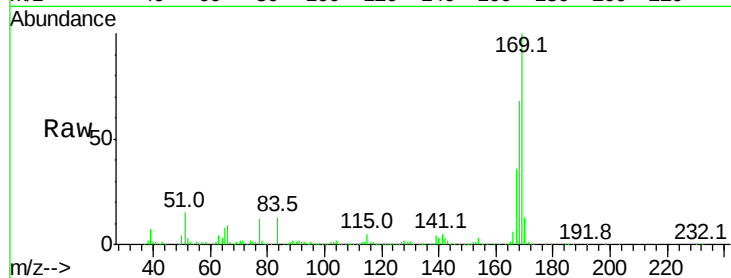
Tot Ion:169 Resp: 416136

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

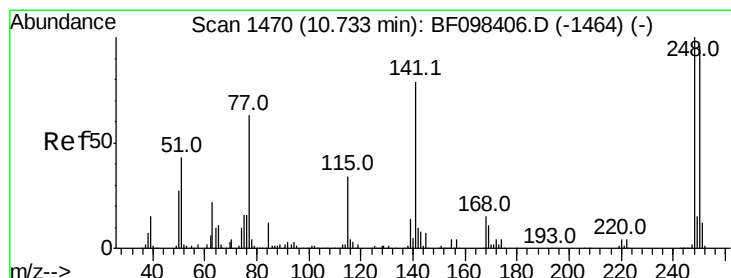
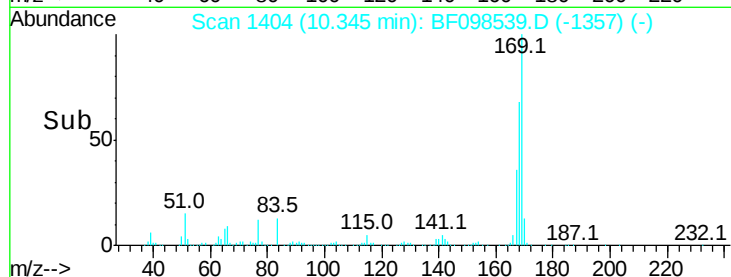
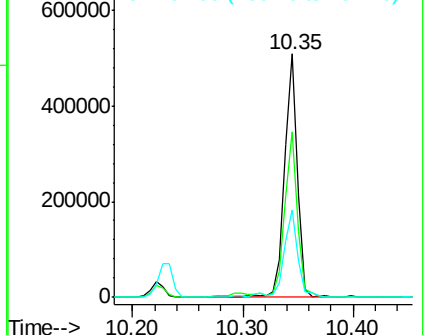
167 35.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.782 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

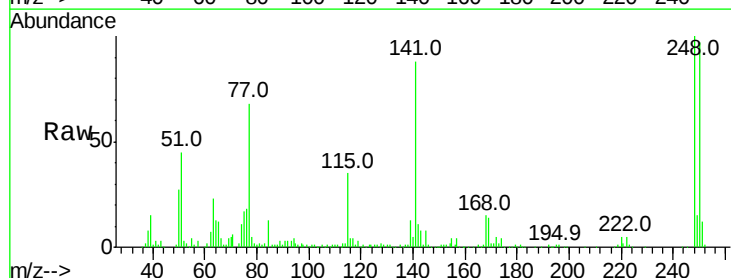
Tgt Ion:248 Resp: 124969

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

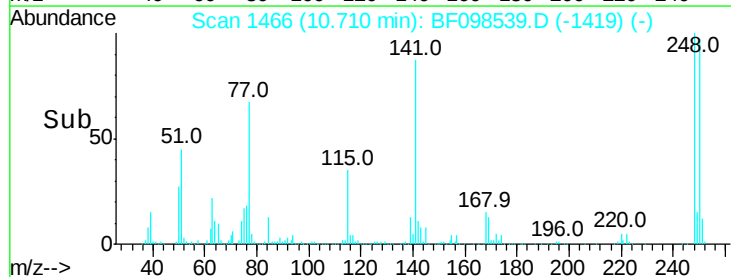
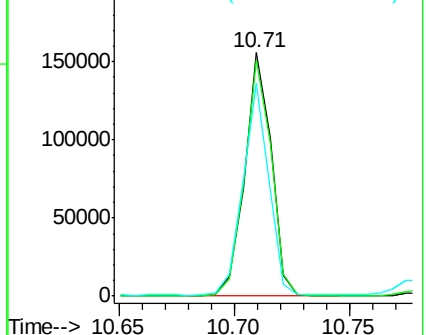
141 87.6 68.6 103.0

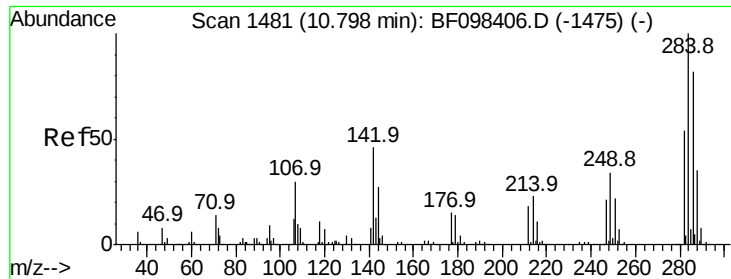


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

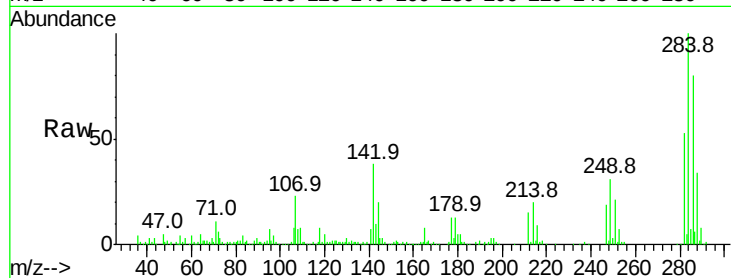




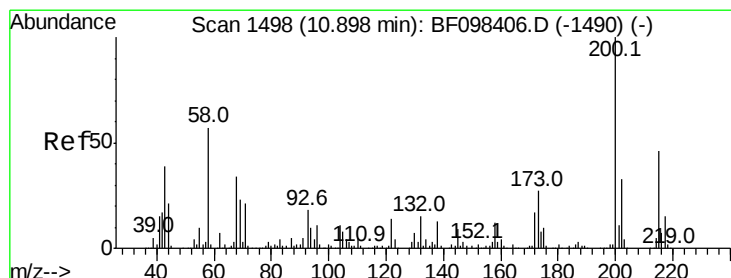
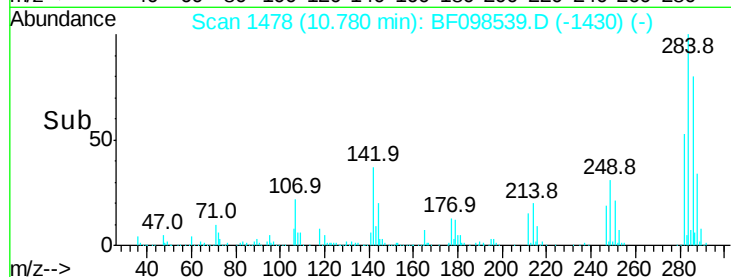
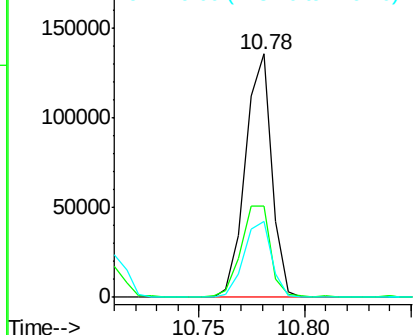
#67
Hexachlorobenzene
Concen: 29.454 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion:284 Resp: 117476
Ion Ratio Lower Upper
284 100
142 37.5 22.8 34.2#
249 31.4 24.0 36.0

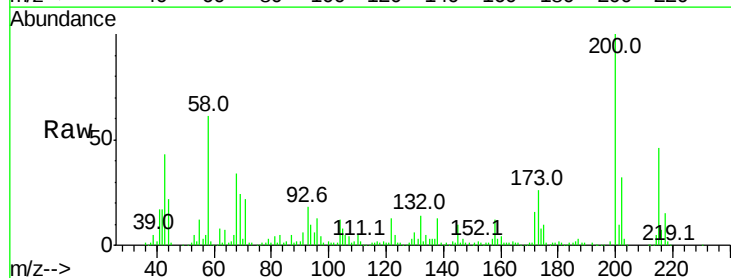


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

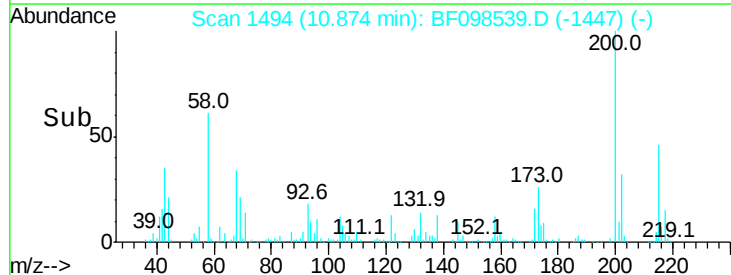
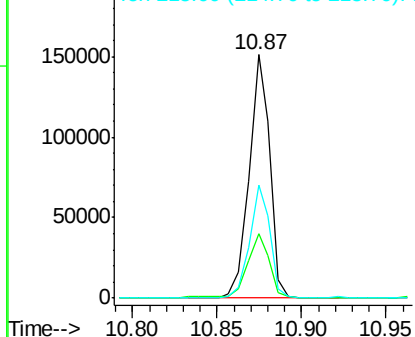


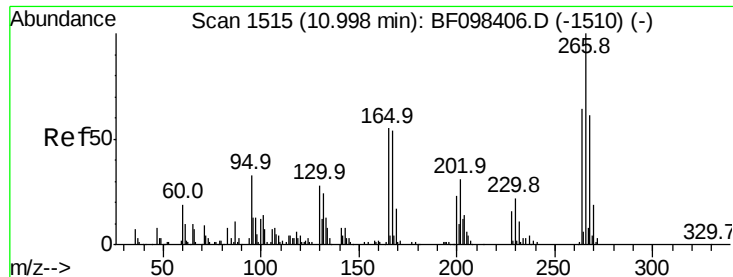
#68
Atrazine
Concen: 31.265 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:200 Resp: 129484
Ion Ratio Lower Upper
200 100
173 26.3 6.3 46.3
215 46.3 27.2 67.2



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

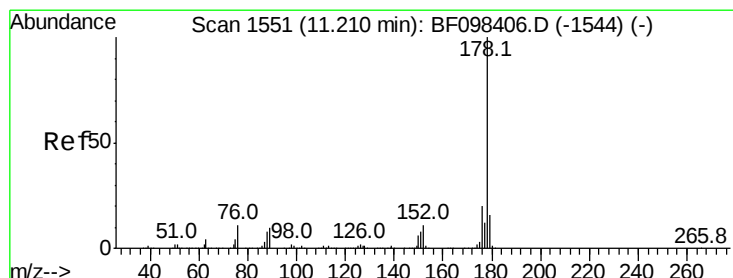
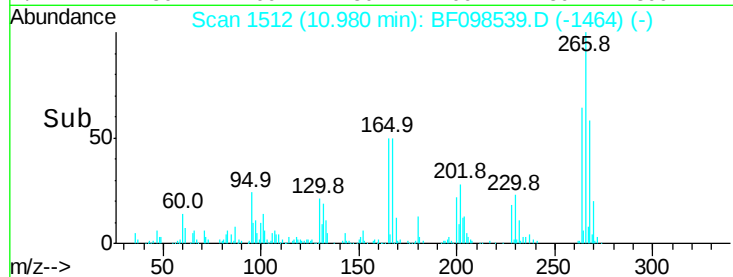
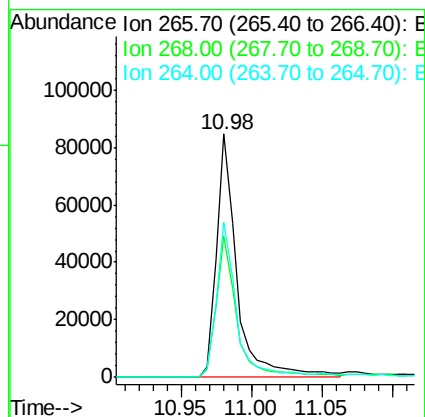
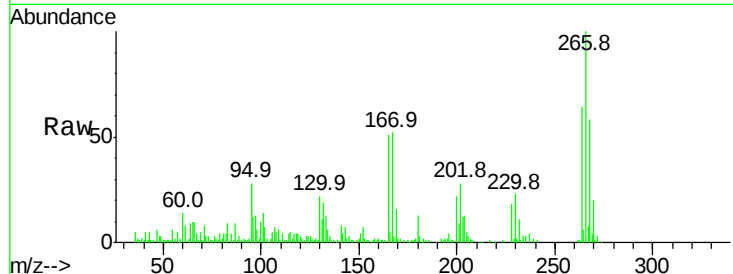




#69
 Pentachlorophenol
 Concen: 51.507 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

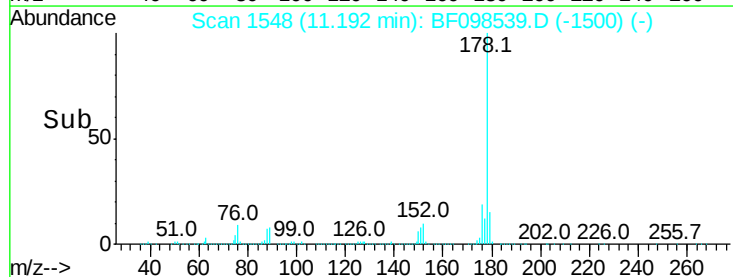
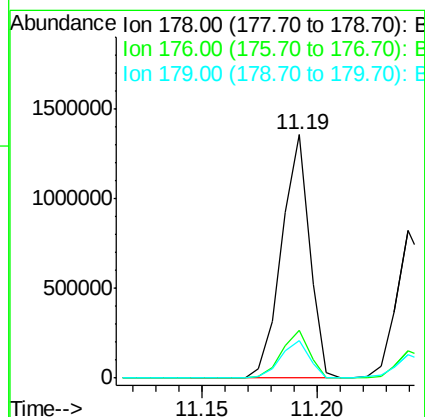
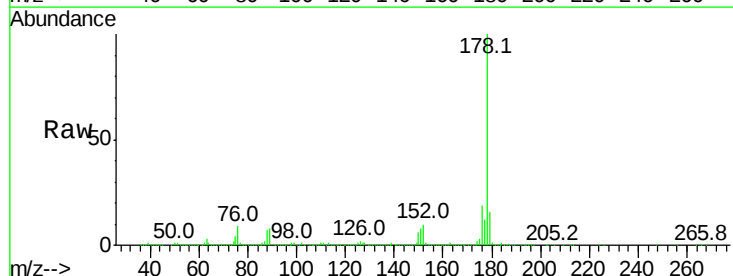
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

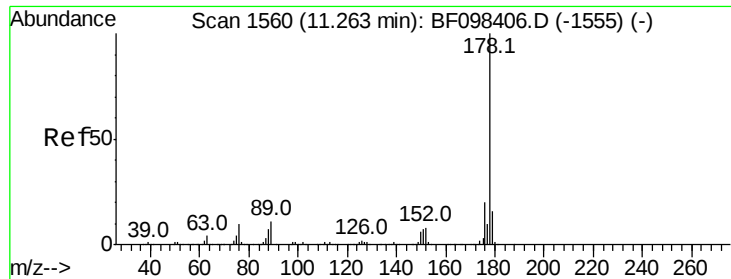
Tot Ion:266 Resp: 86160
 Ion Ratio Lower Upper
 266 100
 268 58.1 51.1 76.7
 264 63.9 51.7 77.5



#70
 Phenanthrene
 Concen: 51.500 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:178 Resp: 1131105
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.5 12.6 19.0

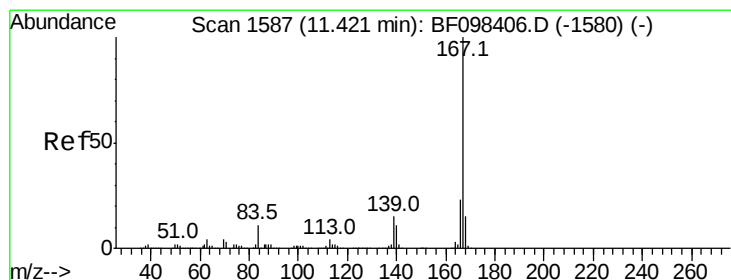
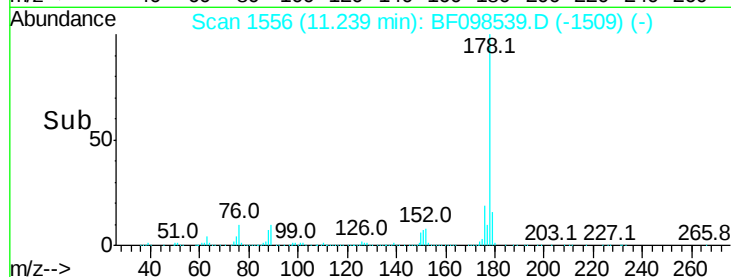
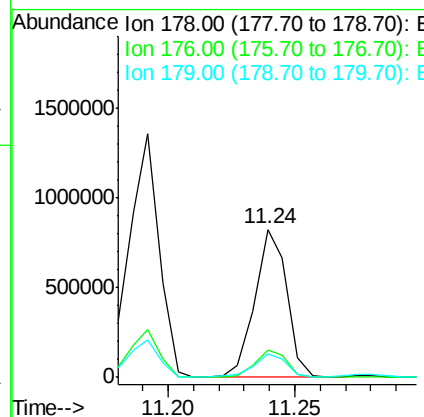
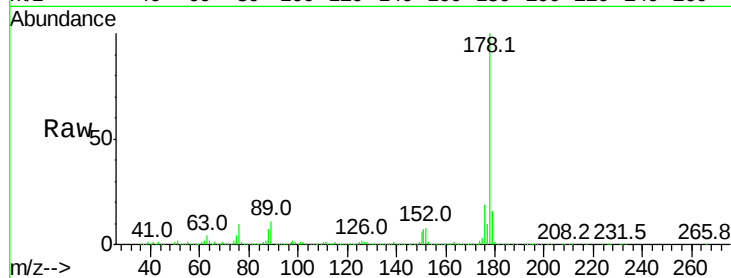




#71
 Anthracene
 Concen: 31.710 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

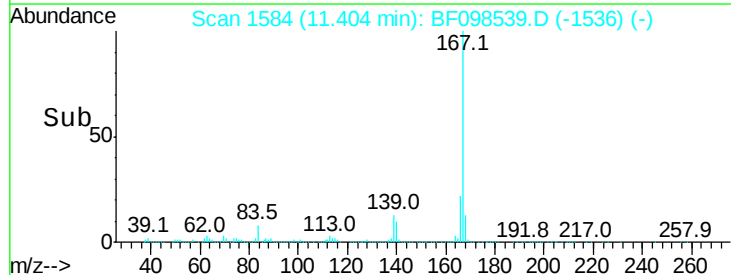
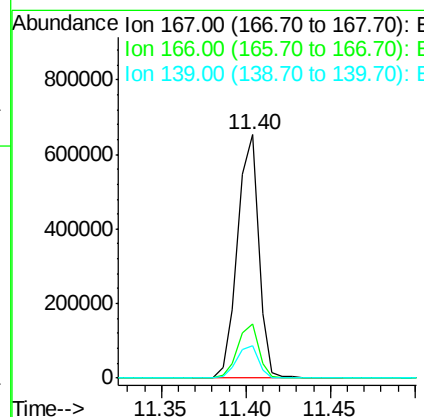
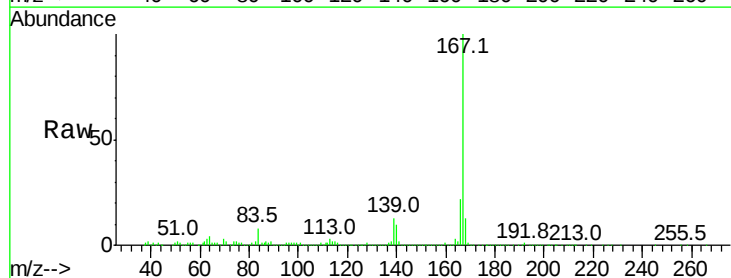
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

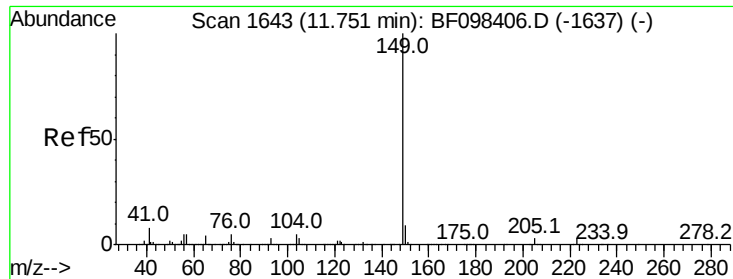
Tot Ion:178 Resp: 715047
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 27.121 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:167 Resp: 569962
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 27.504 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

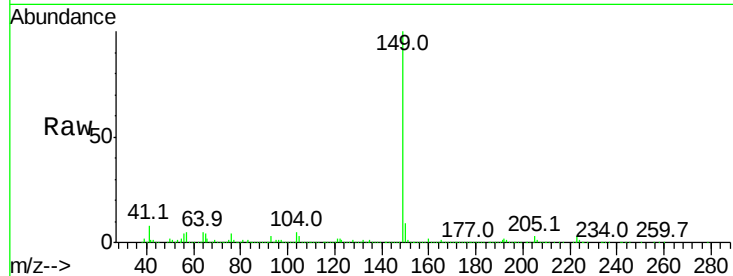
Tot Ion:149 Resp: 692553

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

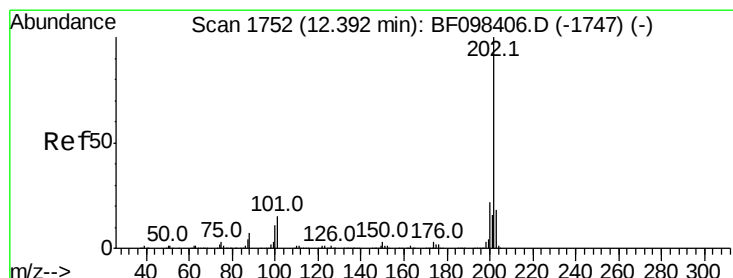
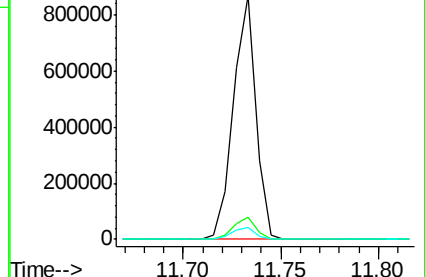
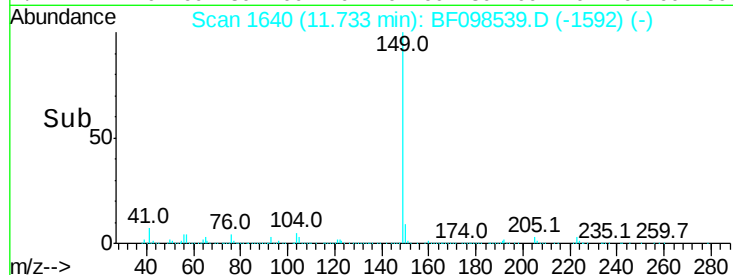
104 4.9 4.0 6.0



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: 55.507 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

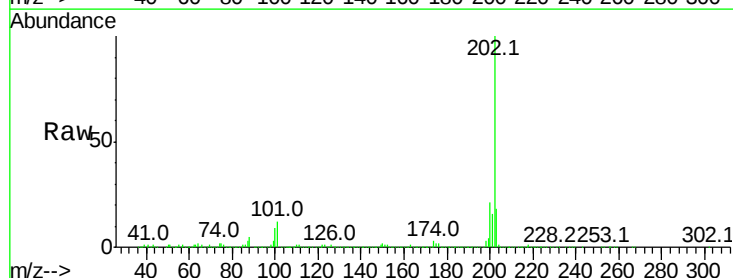
Tgt Ion:202 Resp: 1220435

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.2

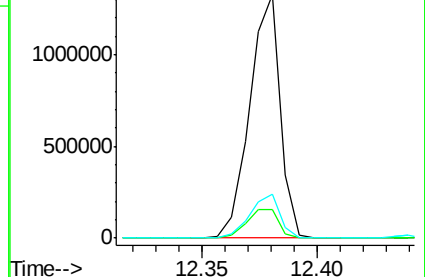
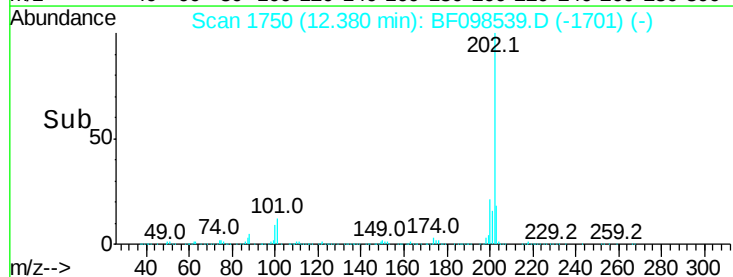
203 18.1 0.0 38.1

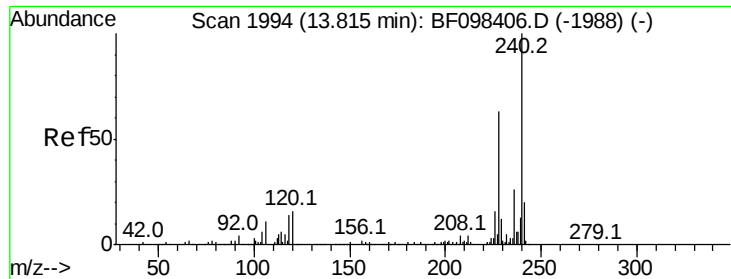


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

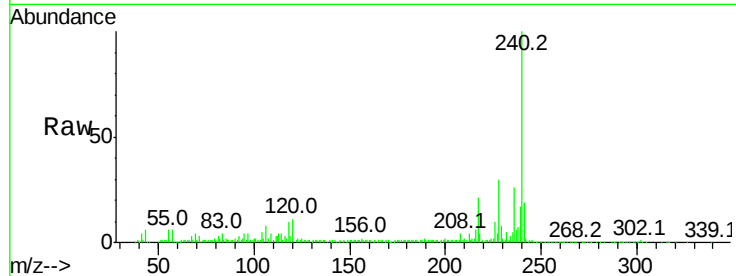
Tot Ion:240 Resp: 269567

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

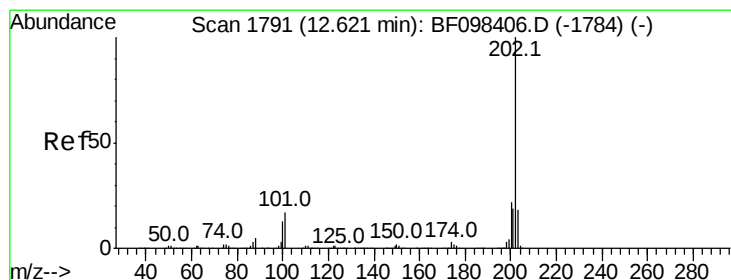
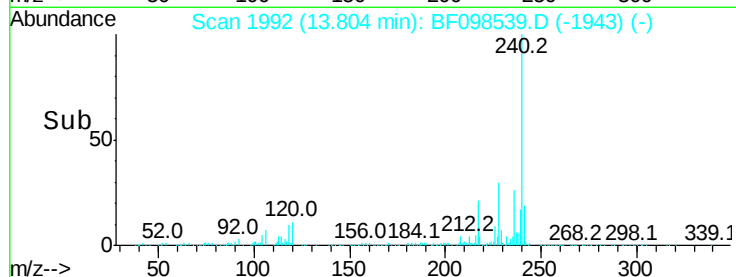
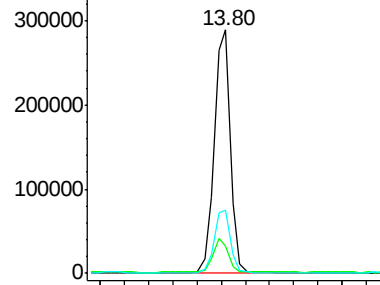
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 52.626 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

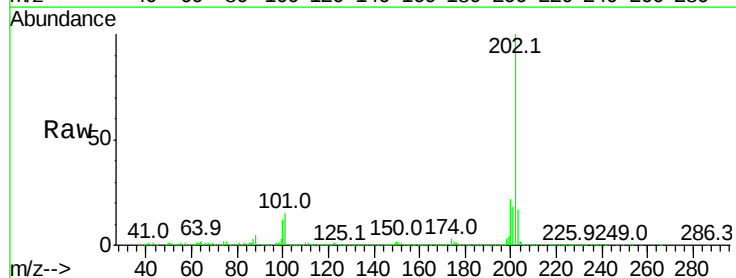
Tgt Ion:202 Resp: 1119106

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

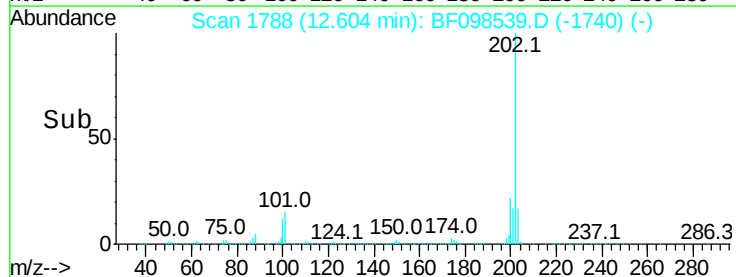
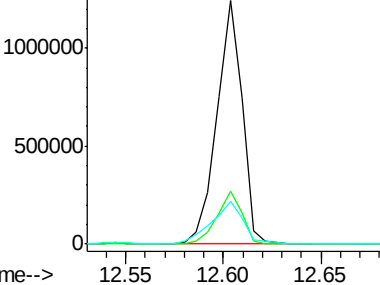
203 17.4 14.4 21.6

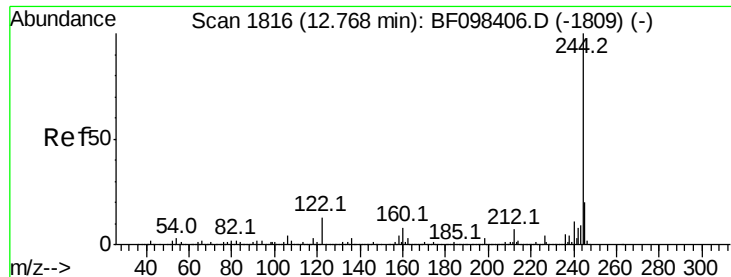


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.665 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

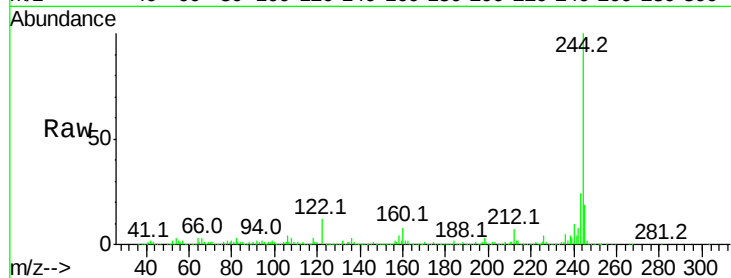
Tot Ion:244 Resp: 582795

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

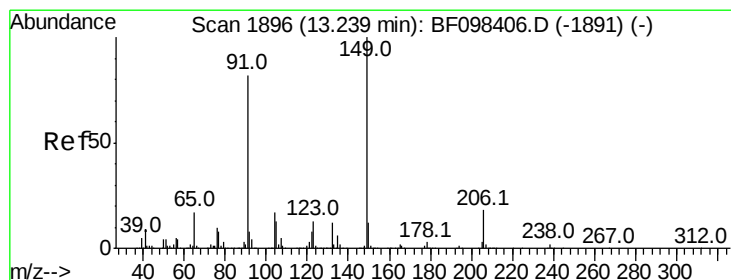
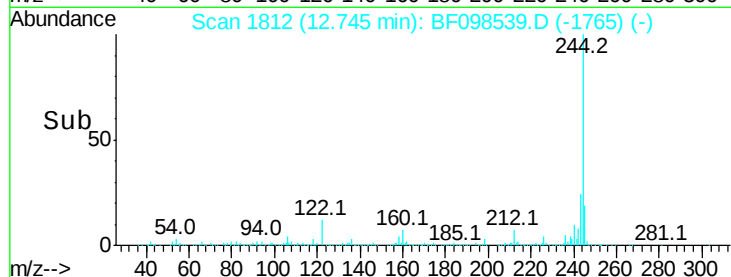
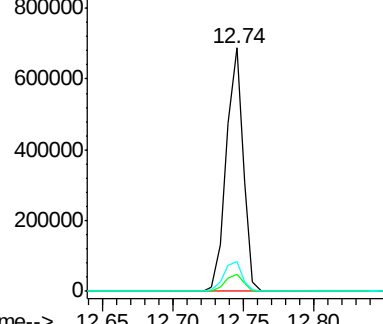
122 12.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 25.504 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

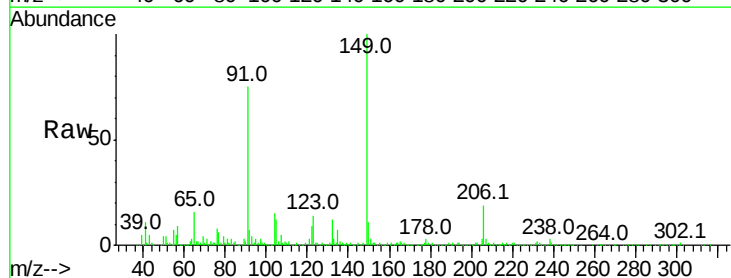
Tgt Ion:149 Resp: 235280

Ion Ratio Lower Upper

149 100

91 74.8 45.0 67.4#

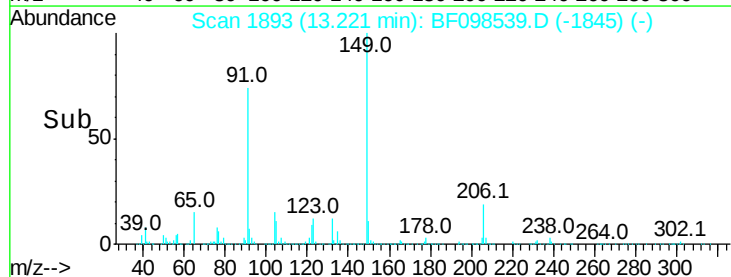
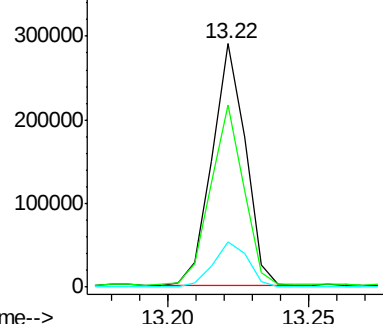
206 18.7 17.0 25.6

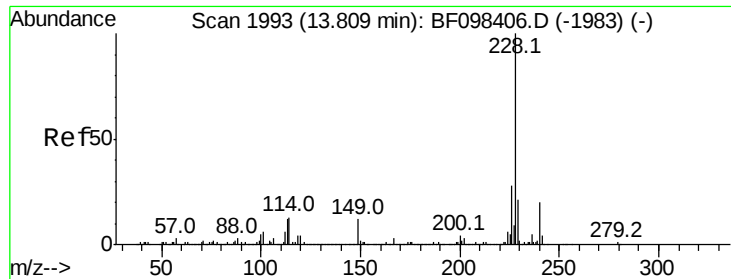


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.907 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

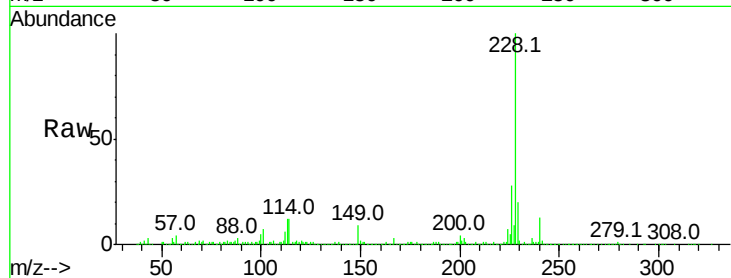
Tot Ion:228 Resp: 741336

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

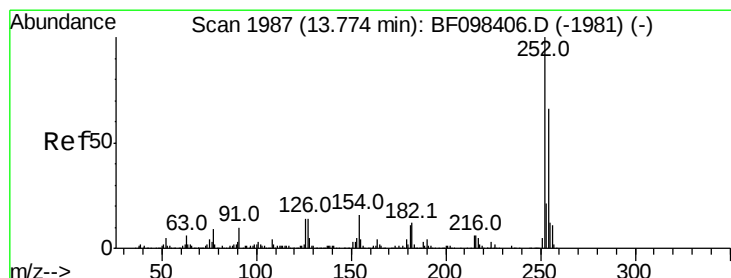
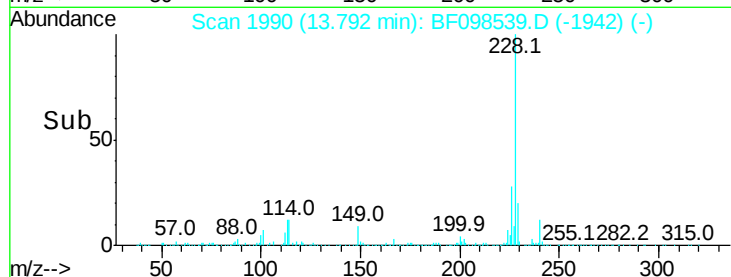
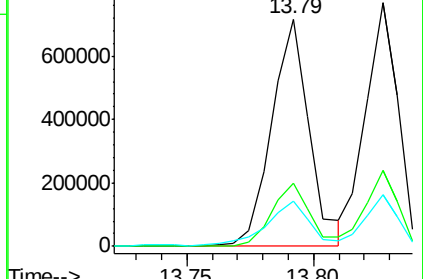
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.523 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

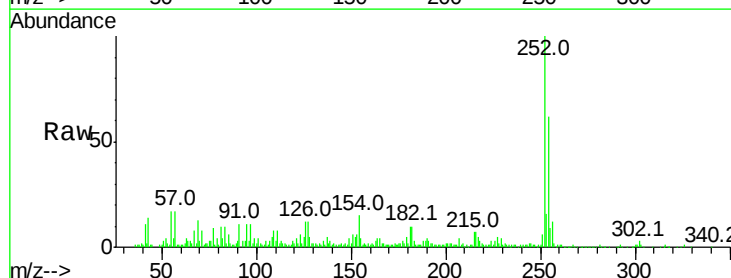
Tgt Ion:252 Resp: 101484

Ion Ratio Lower Upper

252 100

254 61.6 51.5 77.3

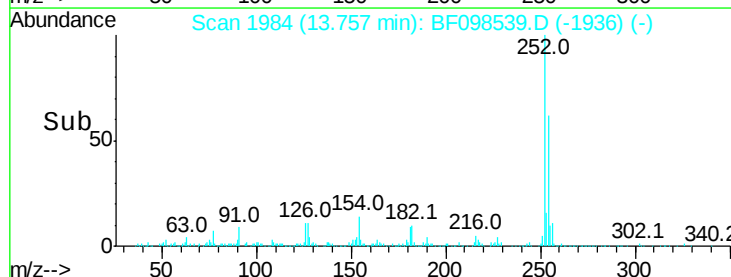
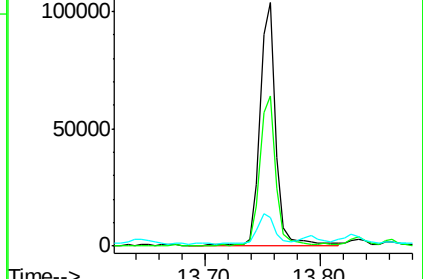
126 11.9 15.8 23.8#

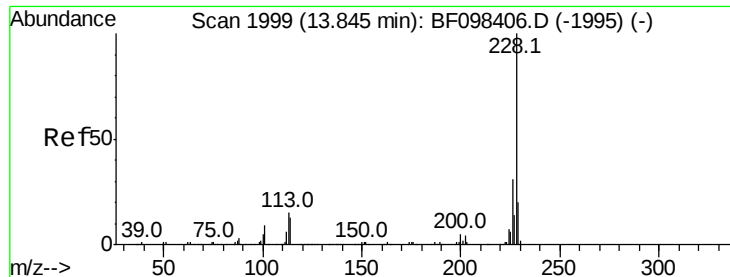


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.963 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

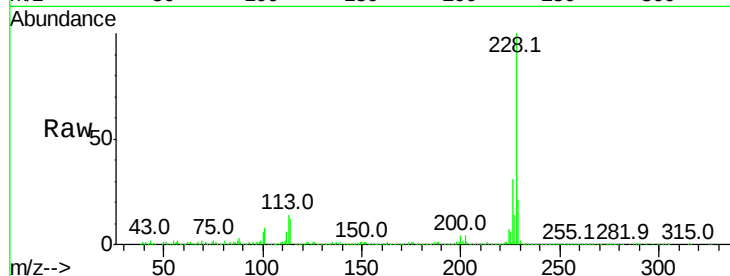
Tot Ion:228 Resp: 686348

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

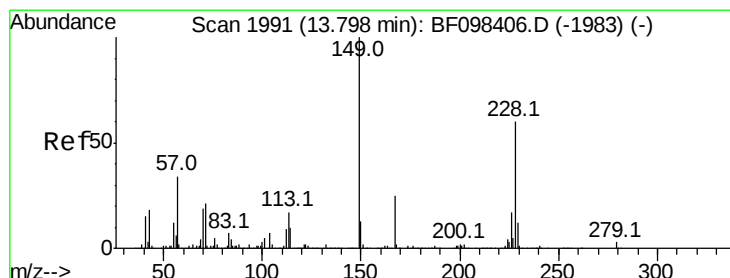
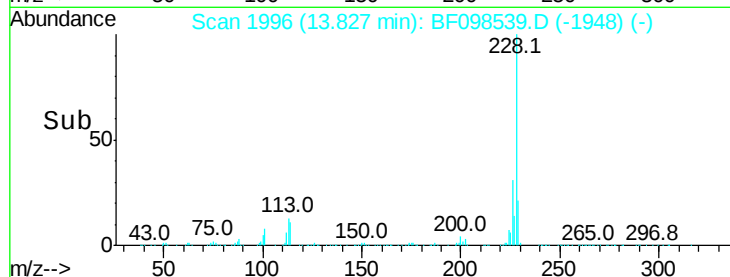
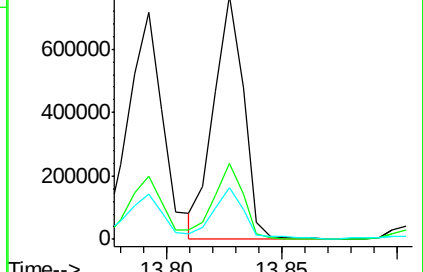
229 21.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.833 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

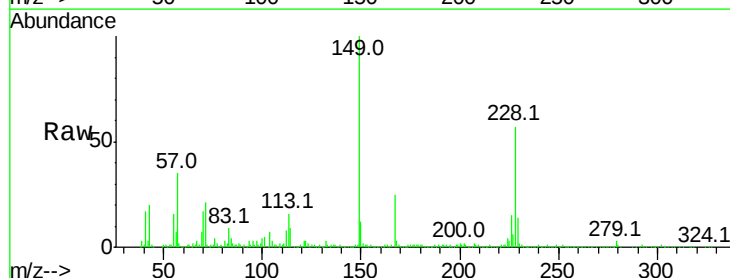
Tgt Ion:149 Resp: 356993

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

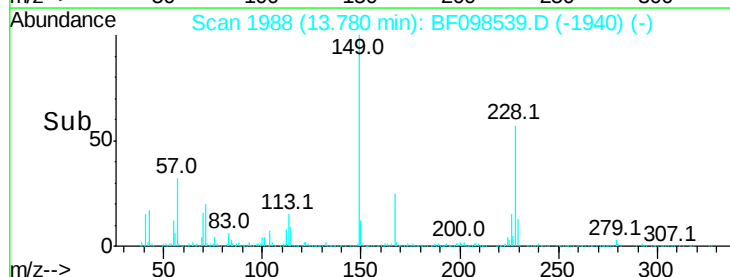
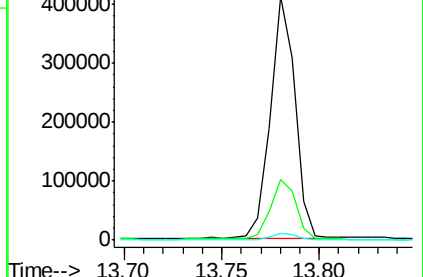
279 2.9 1.9 2.9#

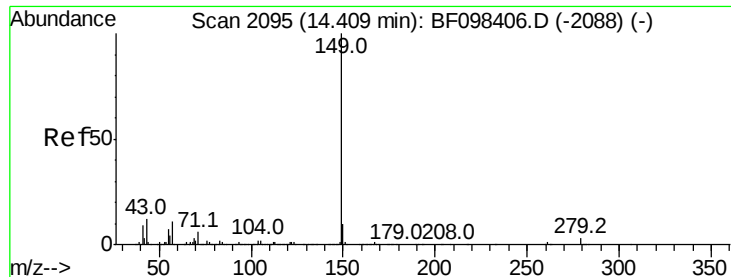


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 30.290 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

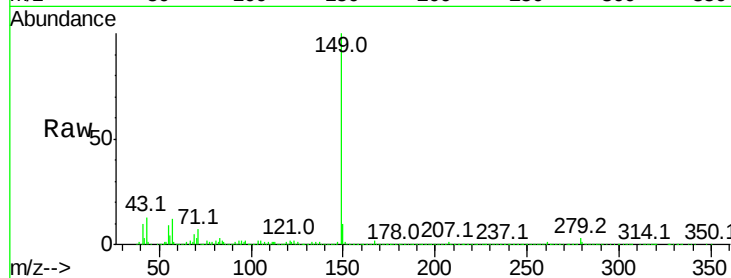
Tot Ion:149 Resp: 601696

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

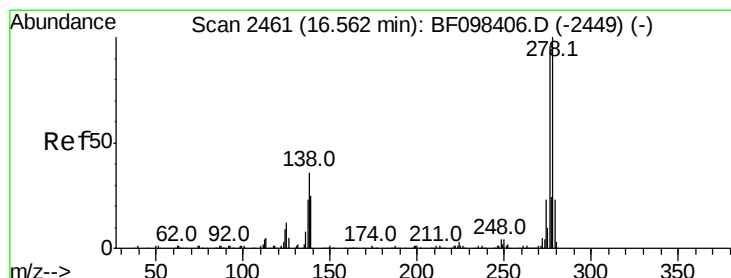
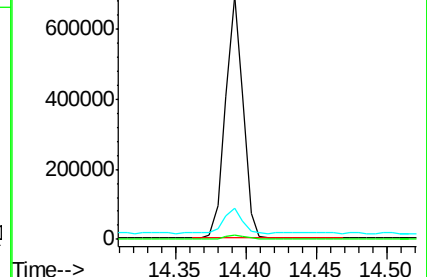
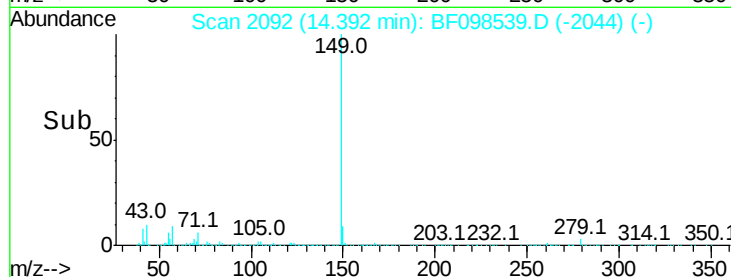
43 10.8 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.272 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

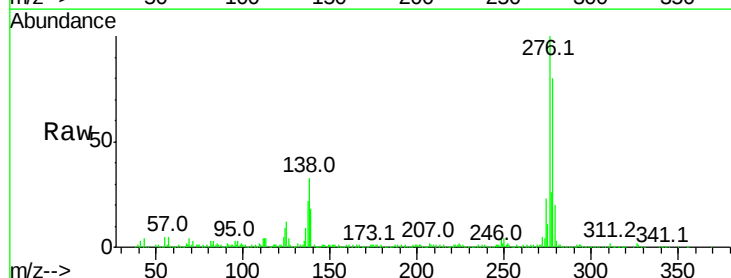
Tgt Ion:276 Resp: 574670

Ion Ratio Lower Upper

276 100

138 29.1 27.8 41.6

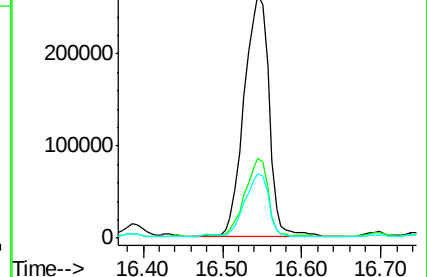
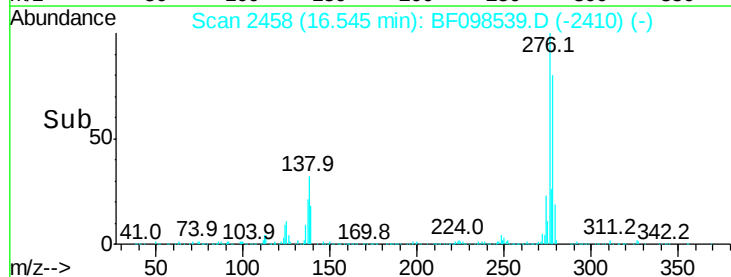
277 25.0 20.2 30.4

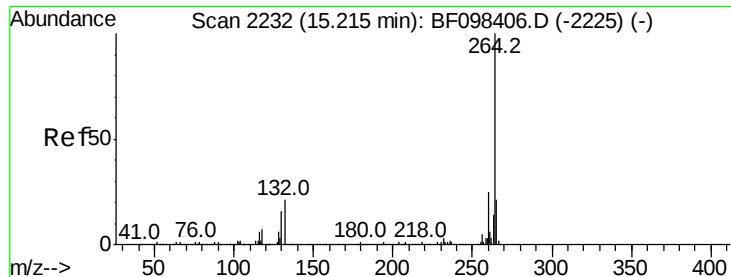


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

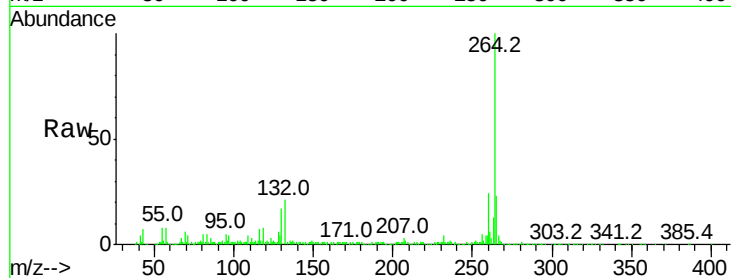




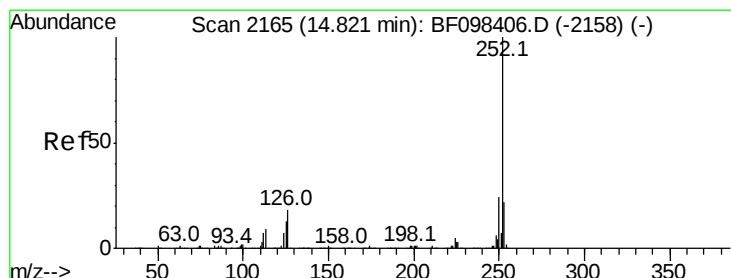
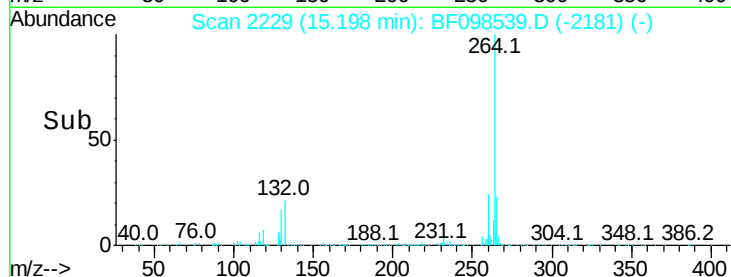
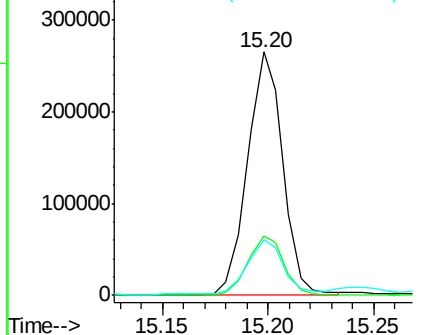
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.8	17.2	25.8

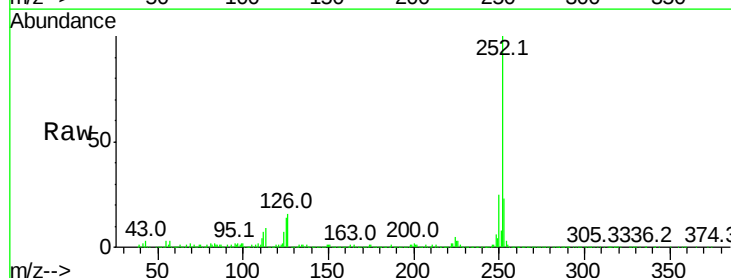


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

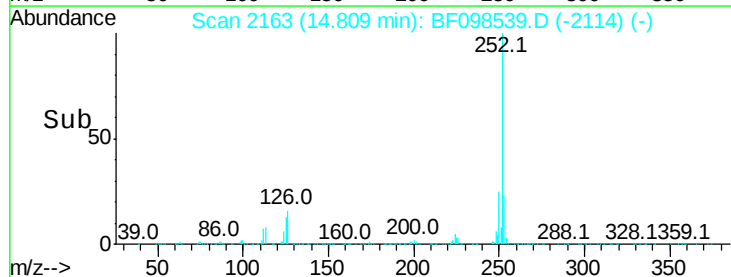
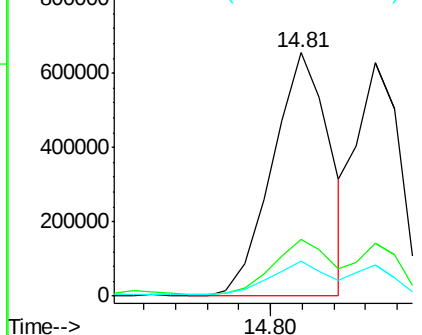


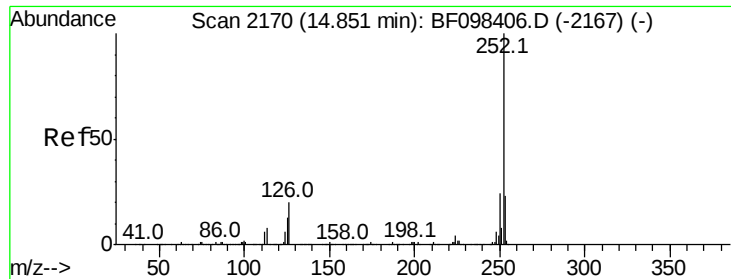
#87
Benzo(b)fluoranthene
Concen: 43.107 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.3	9.8	14.8



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

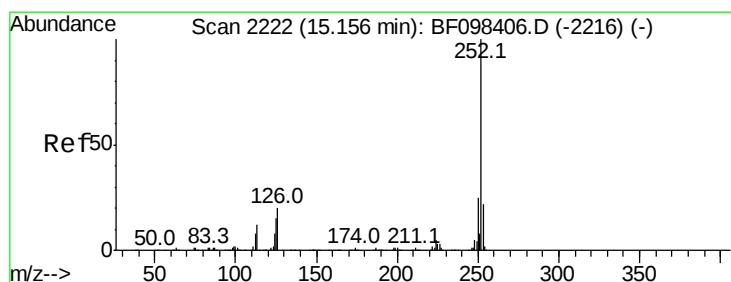
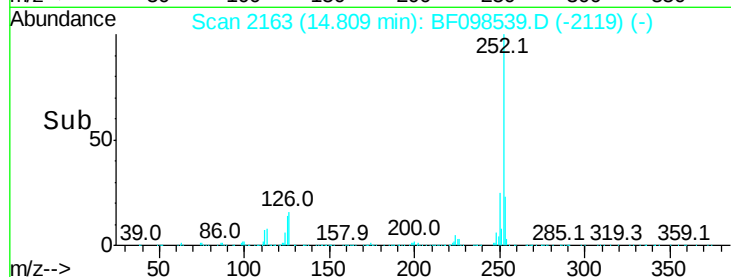
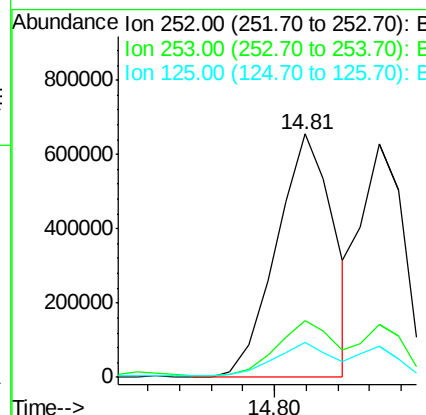
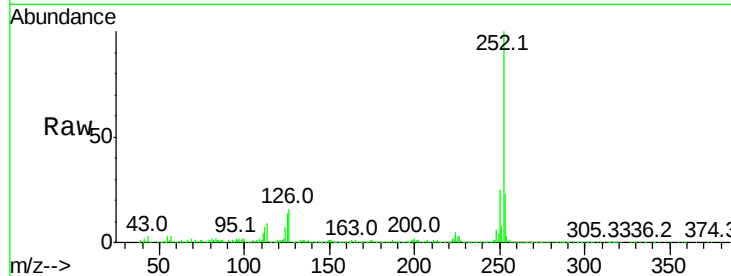




#88
Benzo(k)fluoranthene
Concen: 46.175 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

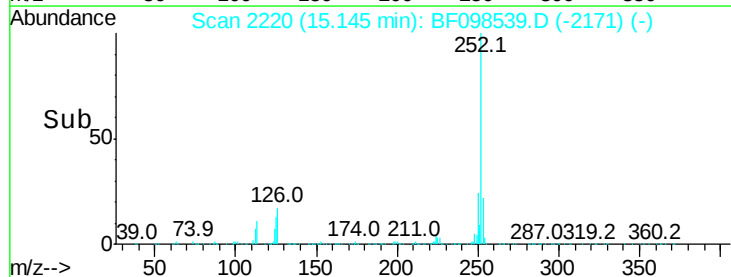
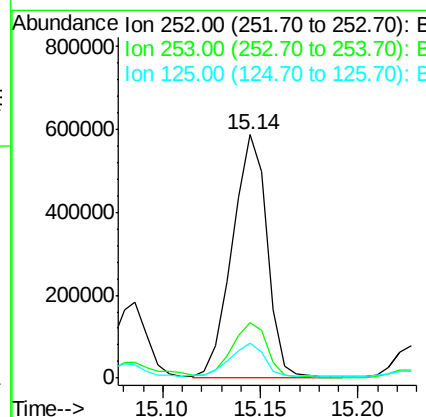
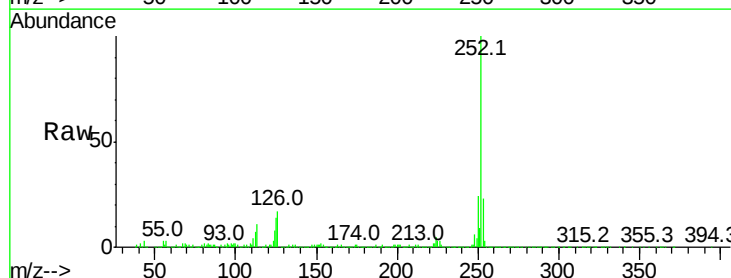
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

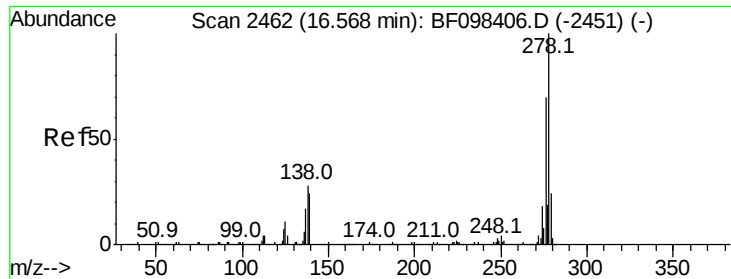
Tot Ion:	252	Resp:	824152
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.3	13.1	19.7



#89
Benzo(a)pyrene
Concen: 42.271 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion:	252	Resp:	720005
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	14.2	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 31.686 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

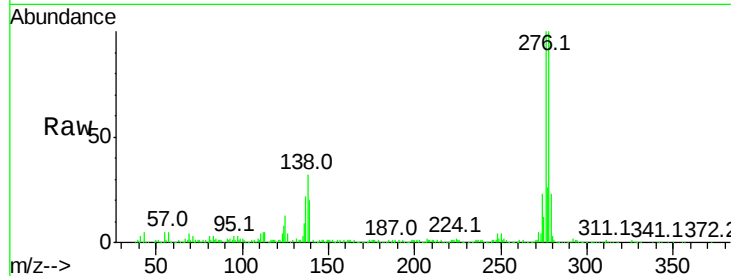
Tot Ion:278 Resp: 392598

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

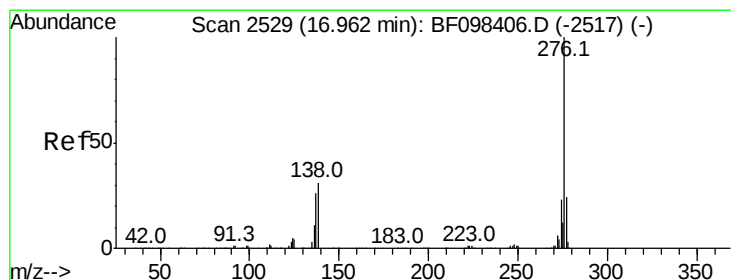
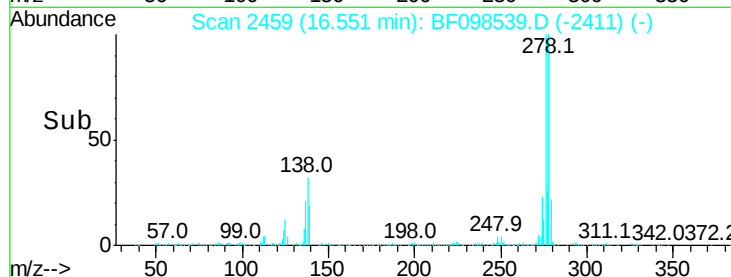
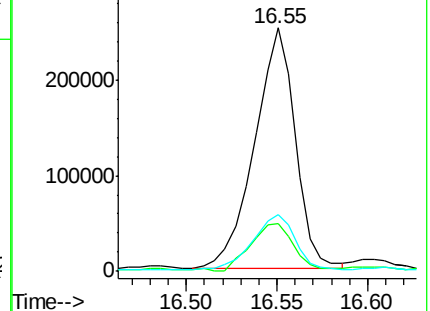
279 23.1 19.3 28.9



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: 37.054 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

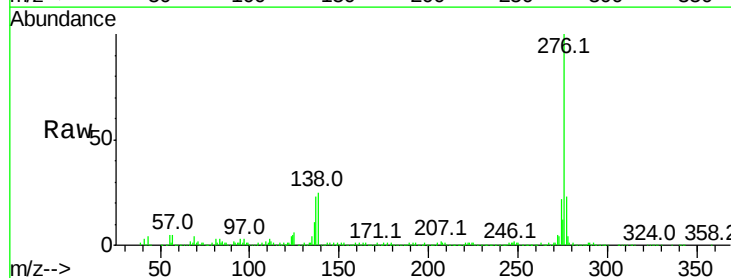
Tgt Ion:276 Resp: 461777

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 24.6 25.4 38.0#



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

