

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099669.D
 Acq On : 19 Oct 2017 20:55
 Operator : SJ/JU
 Sample : PB103438BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:50:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	89824	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	376134	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	167352	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	253247	20.00	ng	0.00
75) Chrysene-d12	13.99	240	157127	20.00	ng	-0.01
86) Perylene-d12	15.44	264	172624	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	427944	75.84	ng	0.00
7) Phenol-d6	6.46	99	508437	73.04	ng	-0.02
23) Nitrobenzene-d5	7.39	82	433104	73.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	96025	70.12	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	863459	86.13	ng	-0.01
78) Terphenyl-d14	12.92	244	565736	81.88	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	75756	28.106	ng	95
3) Pyridine	3.42	79	200201	27.457	ng	91
4) n-Nitrosodimethylamine	3.37	42	79764	25.797	ng	# 74
6) Aniline	6.49	93	174495	18.574	ng	# 84
8) 2-Chlorophenol	6.61	128	221392	34.647	ng	93
9) Benzaldehyde	6.37	77	55926	13.851	ng	97
10) Phenol	6.48	94	265599	34.118	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	202649	33.485	ng	94
12) 1,3-Dichlorobenzene	6.76	146	232662	34.767	ng	97
13) 1,4-Dichlorobenzene	6.84	146	238361	35.008	ng	97
14) 1,2-Dichlorobenzene	6.99	146	217099	34.508	ng	97
15) Benzyl Alcohol	6.97	79	156533	30.654	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	264816	28.085	ng	74
17) 2-Methylphenol	7.08	107	178324	34.107	ng	97
18) Hexachloroethane	7.33	117	79286	32.397	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	137547	30.950	ng	93
20) 3+4-Methylphenols	7.24	107	224221	33.899	ng	# 85
22) Acetophenone	7.23	105	287212	31.516	ng	# 98
24) Nitrobenzene	7.41	77	211151	31.736	ng	90
25) Isophorone	7.65	82	393736	32.470	ng	98
26) 2-Nitrophenol	7.72	139	119921	37.482	ng	89
27) 2,4-Dimethylphenol	7.76	122	194200	32.141	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	260628	34.489	ng	99
29) 2,4-Dichlorophenol	7.97	162	182632	35.205	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	188931	36.414	ng	99
31) Naphthalene	8.12	128	625284	35.396	ng	99
32) Benzoic acid	7.89	122	102963	20.745	ng	95
33) 4-Chloroaniline	8.17	127	109147	14.795	ng	97
34) Hexachlorobutadiene	8.23	225	93533	34.999	ng	100
35) Caprolactam	8.55	113	56023	33.667	ng	# 85
36) 4-Chloro-3-methylphenol	8.67	107	183810	31.524	ng	93
37) 2-Methylnaphthalene	8.82	142	425419	37.044	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	173649	34.793	ng	98
40) Hexachlorocyclopentadiene	8.96	237	40815	17.895	ng	97

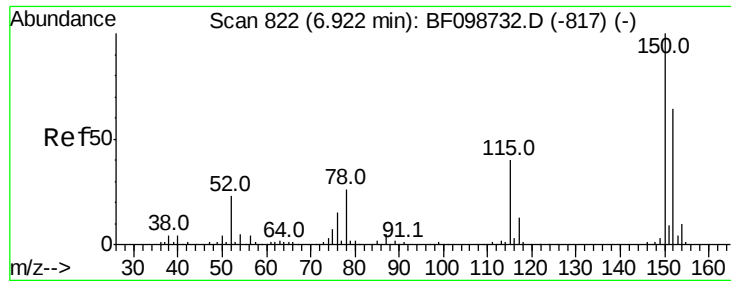
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	114436	32.366	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	120339	34.095	nq	95
45) 1,1'-Biphenyl	9.27	154	503427	35.002	nq	99
46) 2-Chloronaphthalene	9.30	162	389176	36.038	nq	96
47) 2-Nitroaniline	9.41	65	100680	30.448	nq	84
48) Acenaphthylene	9.72	152	572149	34.610	nq	99
49) Dimethylphthalate	9.57	163	449947	35.623	nq	99
50) 2,6-Dinitrotoluene	9.65	165	96529	35.104	nq	91
51) Acenaphthene	9.89	154	334574	31.950	nq	98
52) 3-Nitroaniline	9.82	138	69287	21.610	nq	84
53) 2,4-Dinitrophenol	9.94	184	28825	24.495	nq	# 87
54) Dibenzofuran	10.06	168	491987	35.286	nq	99
55) 4-Nitrophenol	9.99	139	107196	39.539	nq	88
56) 2,4-Dinitrotoluene	10.06	165	112497	31.523	nq	97
57) Fluorene	10.40	166	392886	35.058	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	80045	32.830	nq	94
59) Diethylphthalate	10.27	149	420980	34.109	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	181529	36.060	nq	97
61) 4-Nitroaniline	10.43	138	80494	26.022	nq	90
62) Azobenzene	10.56	77	365705	32.226	nq	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	28849	18.723	nq	# 78
65) n-Nitrosodiphenylamine	10.52	169	346201	39.461	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	99680	40.212	nq	96
67) Hexachlorobenzene	10.96	284	95705	36.149	nq	# 88
68) Atrazine	11.04	200	102965	39.008	nq	99
69) Pentachlorophenol	11.15	266	64833	39.347	nq	99
70) Phenanthrene	11.37	178	487702	35.978	nq	98
71) Anthracene	11.42	178	504130	36.347	nq	98
72) Carbazole	11.58	167	435198	32.041	nq	98
73) Di-n-butylphthalate	11.89	149	610132	37.320	nq	99
74) Fluoranthene	12.56	202	418745	30.506	nq	100
76) Benzidine	12.68	184	216020	37.171	nq	97
77) Pyrene	12.79	202	412854	34.458	nq	99
79) Butylbenzylphthalate	13.39	149	198905	35.323	nq	91
80) Benzo(a)anthracene	13.97	228	340811	35.820	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	109619	31.429	nq	99
82) Chrysene	14.02	228	325317	35.914	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	276015	35.598	nq	# 99
84) Di-n-octyl phthalate	14.56	149	468283	37.508	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	355940	49.122	nq	96
87) Benzo(b)fluoranthene	15.02	252	369165	34.782	nq	# 96
88) Benzo(k)fluoranthene	15.05	252	323985	30.905	nq	99
89) Benzo(a)pyrene	15.39	252	345797	35.493	nq	# 93
90) Dibenzo(a,h)anthracene	16.93	278	301589	38.681	nq	98
91) Benzo(g,h,i)perylene	17.36	276	287889	37.354	nq	96

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

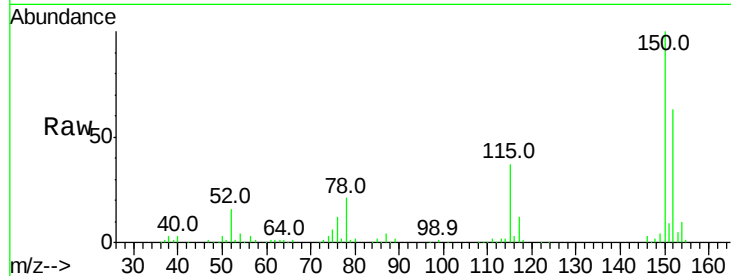


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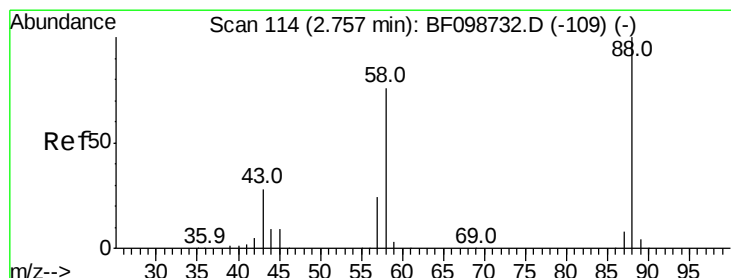
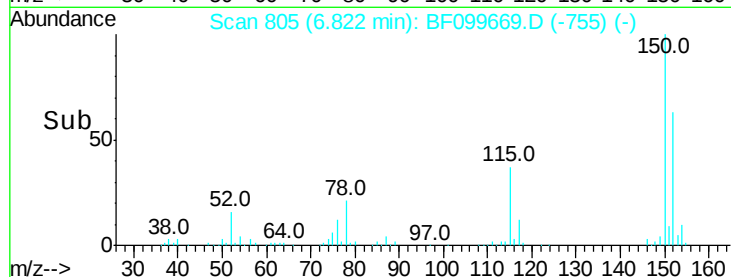
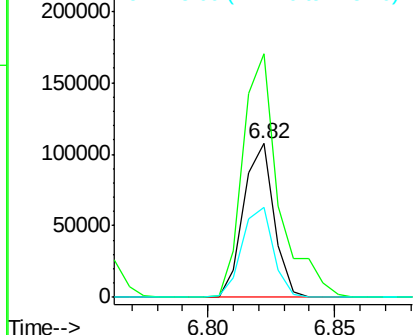
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89824
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 58.6 50.1 75.1



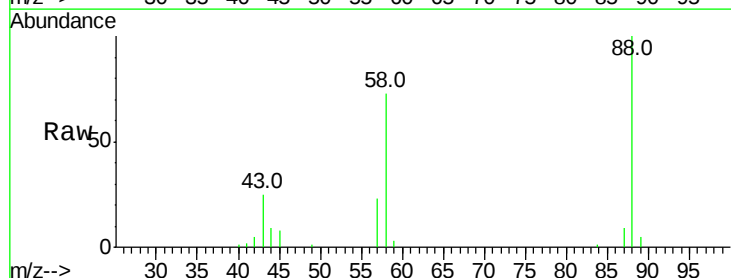
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



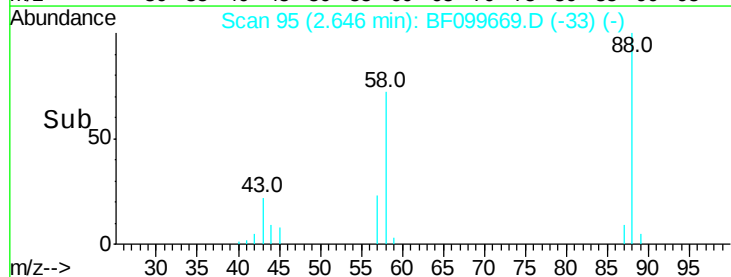
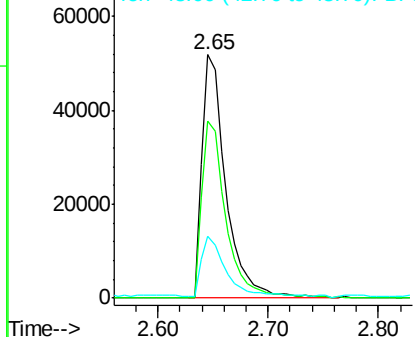
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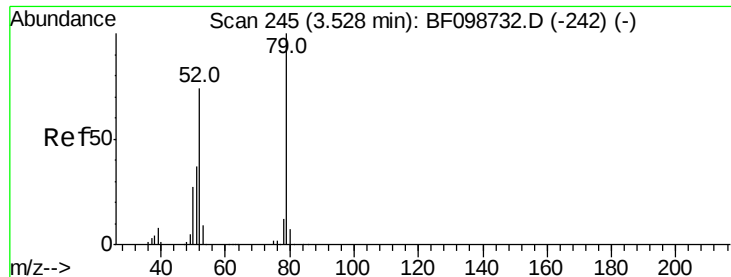
1,4-Dioxane
Concen: 28.106 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion: 88 Resp: 75756
Ion Ratio Lower Upper
88 100
58 73.6 62.6 93.8
43 28.9 24.6 37.0



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

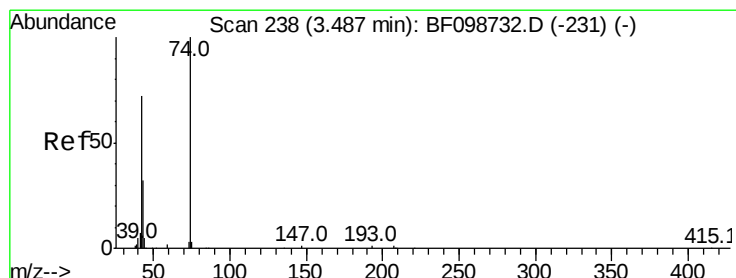
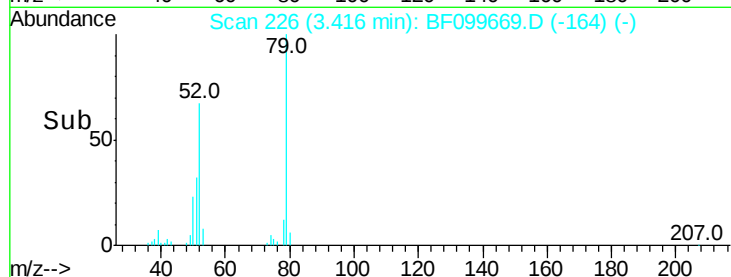
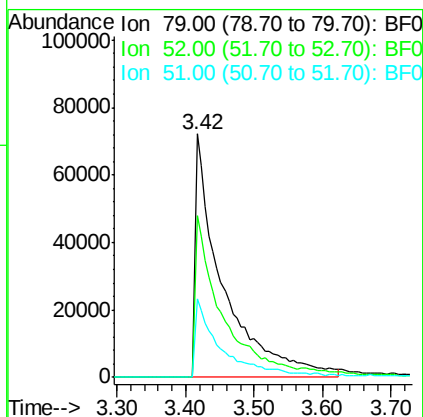
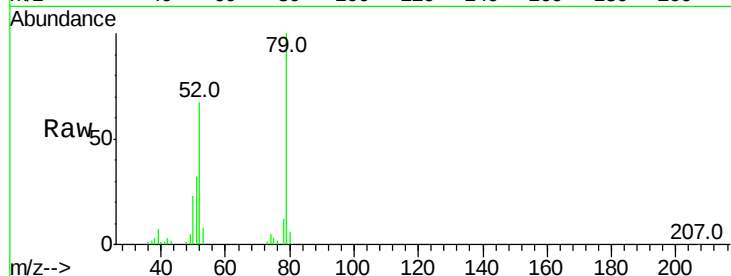




#3
 Pvridine
 Concen: 27.457 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.07 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

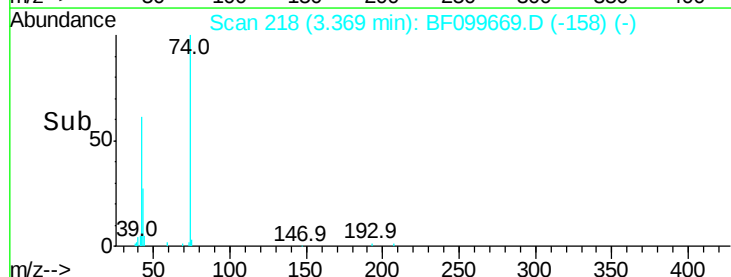
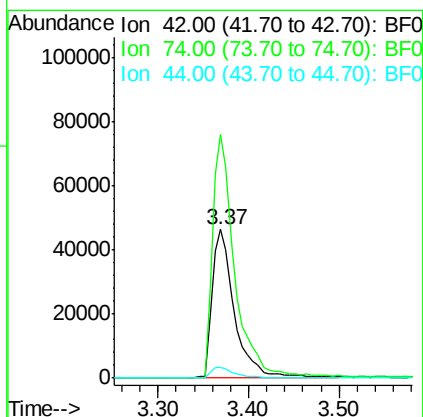
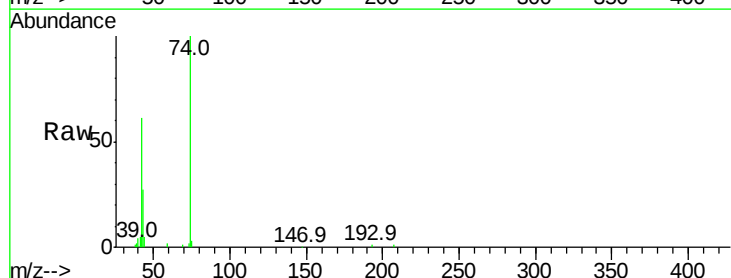
Instrument :
 BNA_F
 ClientSampleId :

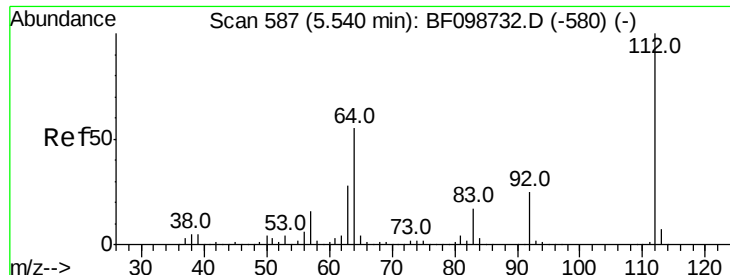
Tot Ion: 79 Resp: 200201
 Ion Ratio Lower Upper
 79 100
 52 66.5 59.8 89.6
 51 32.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 25.797 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.05 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion: 42 Resp: 79764
 Ion Ratio Lower Upper
 42 100
 74 163.7 104.9 157.3#
 44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 75.842 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

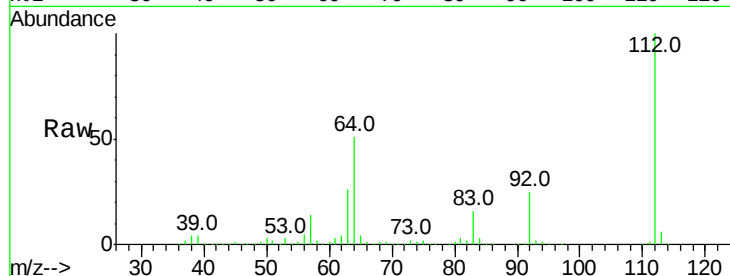
Tot Ion:112 Resp: 427944

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

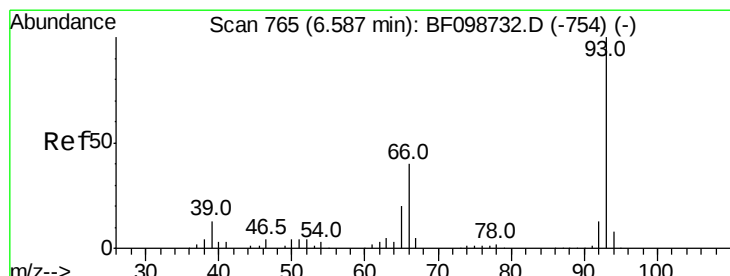
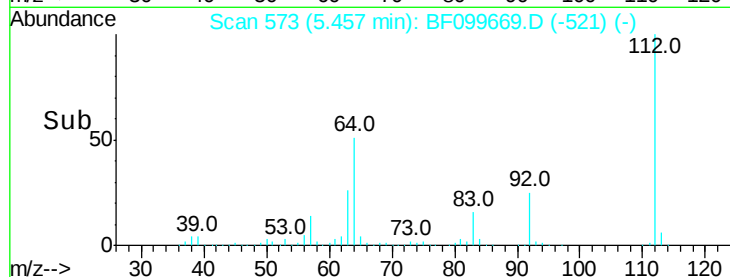
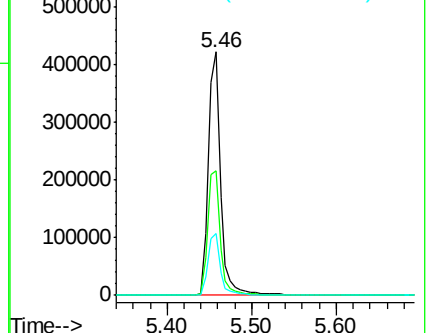
63 25.6 23.7 35.5



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: 18.574 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

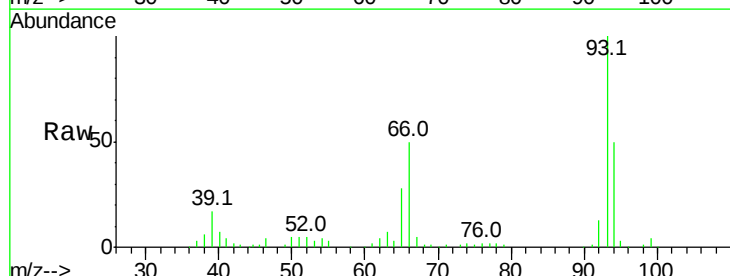
Tgt Ion: 93 Resp: 174495

Ion Ratio Lower Upper

93 100

66 50.3 32.2 48.2#

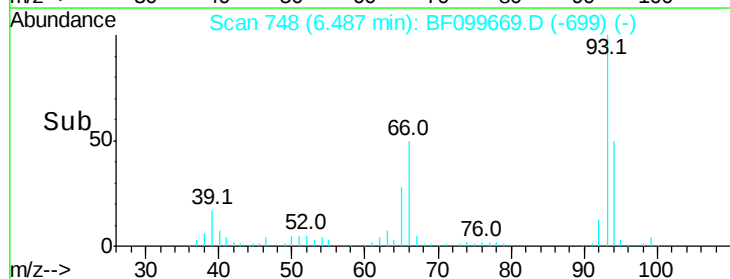
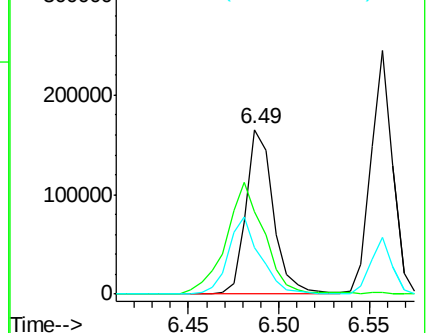
65 27.9 16.4 24.6#

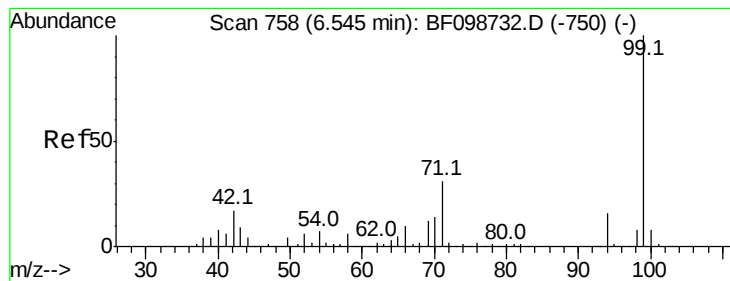


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.044 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampled :

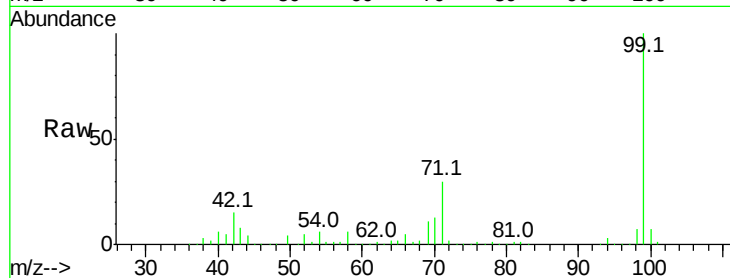
Tot Ion: 99 Resp: 508437

Ion Ratio Lower Upper

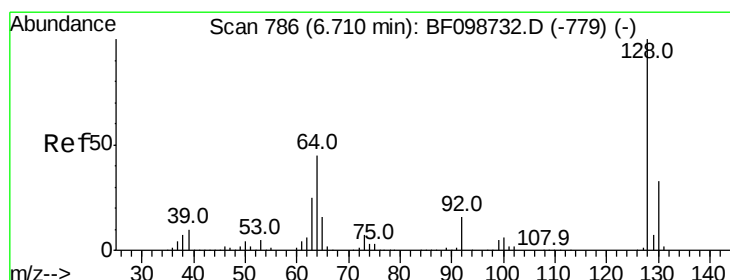
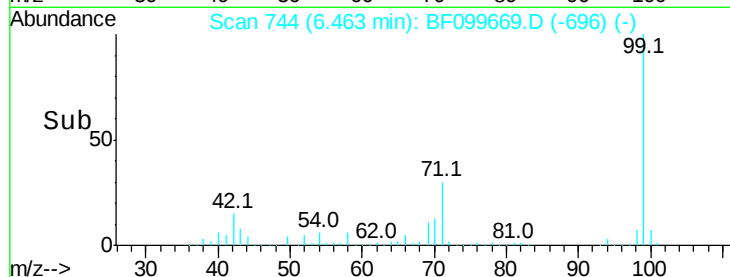
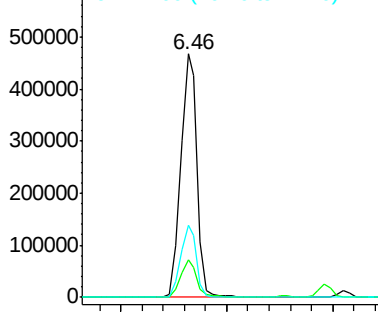
99 100

42 15.2 14.5 21.7

71 29.7 25.4 38.0



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: 34.647 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

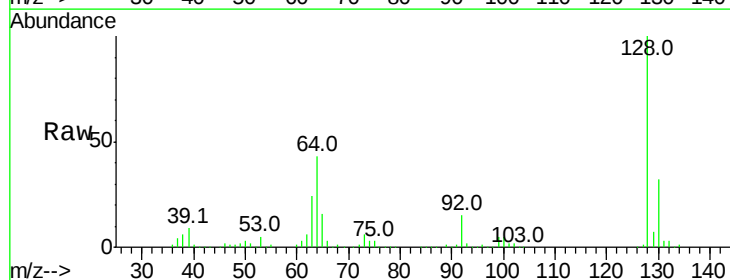
Tgt Ion: 128 Resp: 221392

Ion Ratio Lower Upper

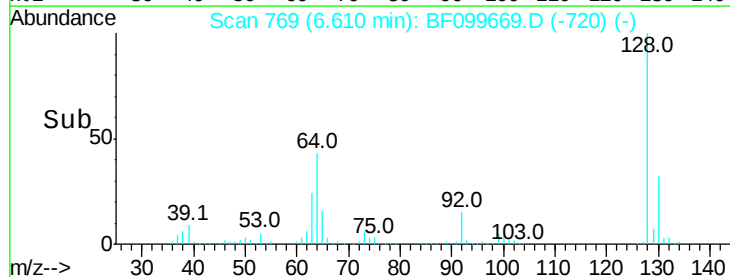
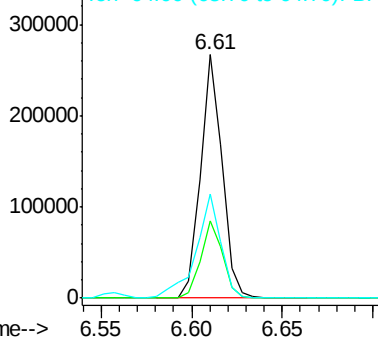
128 100

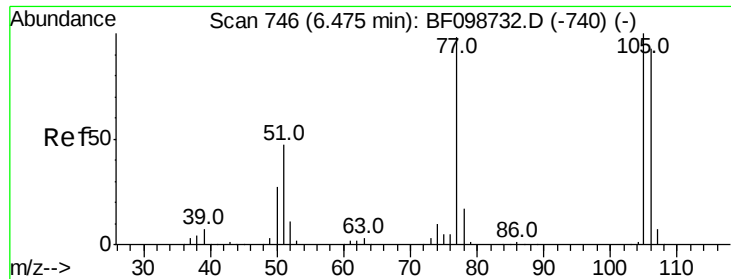
130 31.7 13.0 53.0

64 42.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

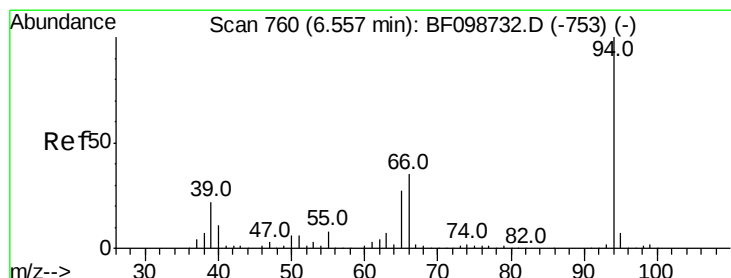
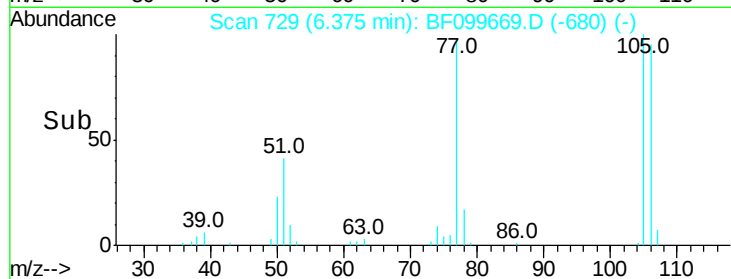
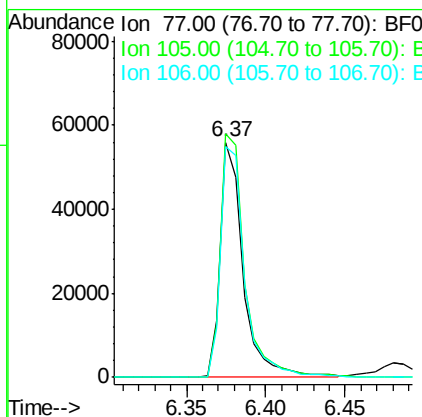
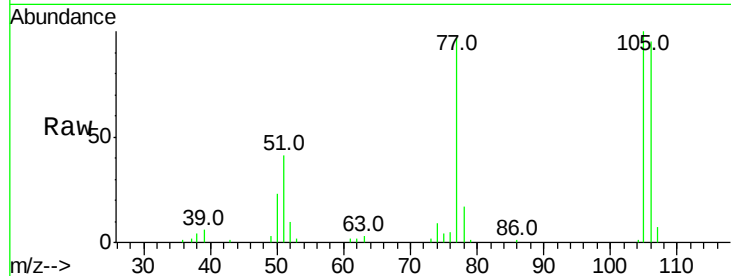




#9
Benzaldehyde
Concen: 13.851 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

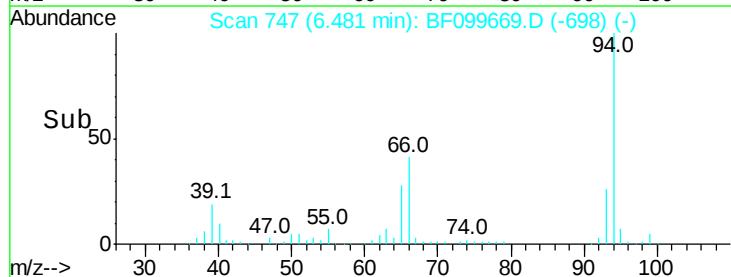
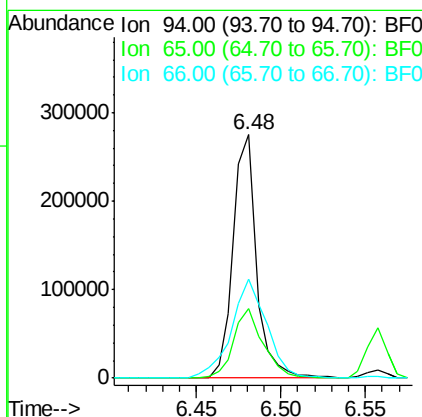
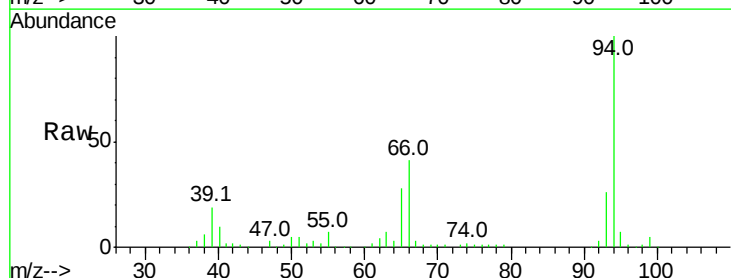
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BNA_F
ClientSampleId :

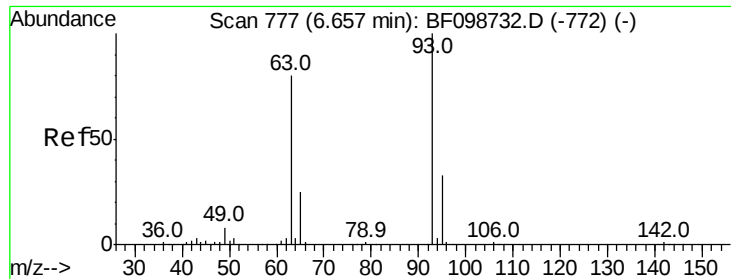
Tot Ion: 77 Resp: 55926
Ion Ratio Lower Upper
77 100
105 103.6 81.1 121.1
106 98.4 74.5 114.5



#10
Phenol
Concen: 34.118 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion: 94 Resp: 265599
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 40.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.485 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

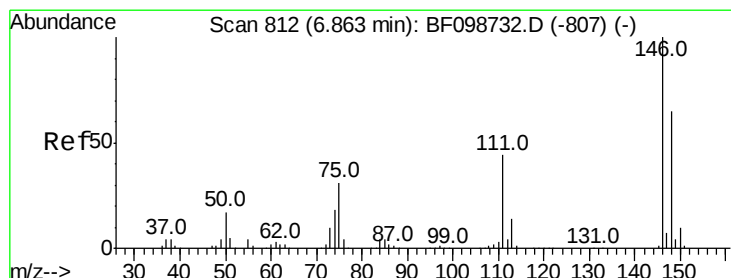
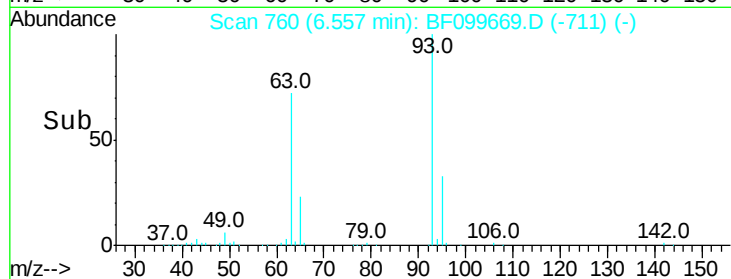
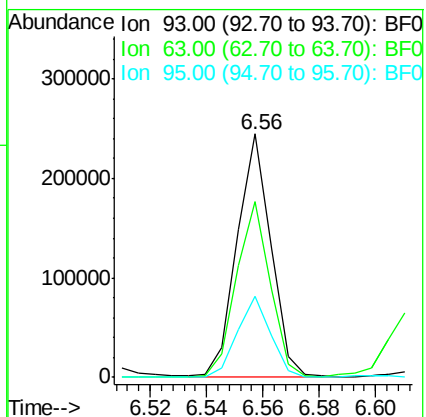
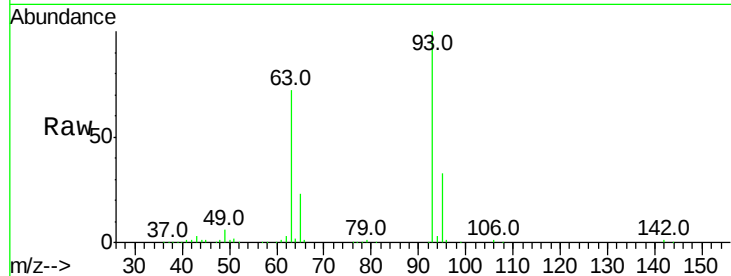
Tot Ion: 93 Resp: 202649

Ion Ratio Lower Upper

93 100

63 72.4 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.767 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

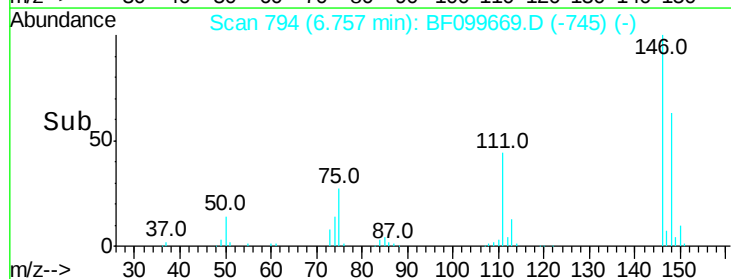
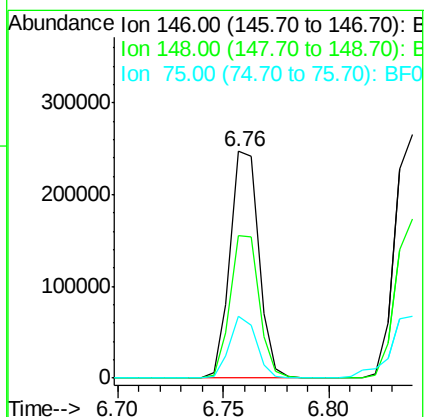
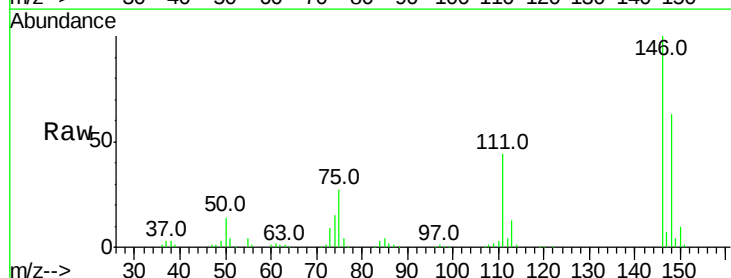
Tgt Ion: 146 Resp: 232662

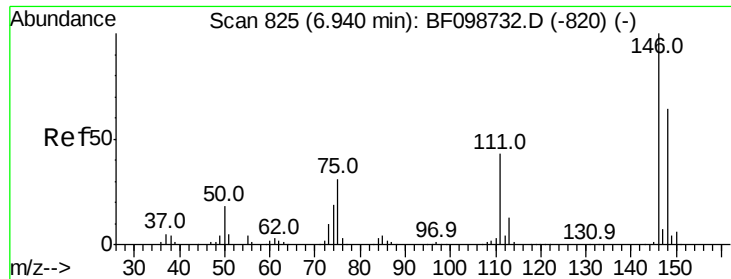
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

75 27.5 24.2 36.4

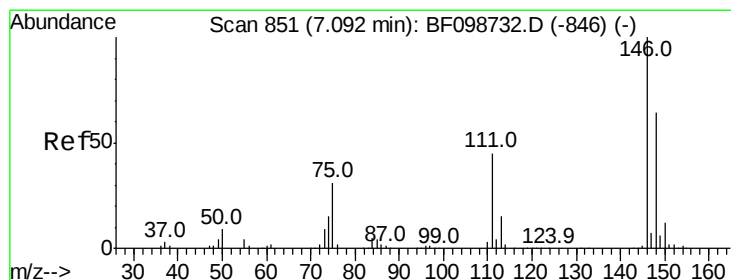
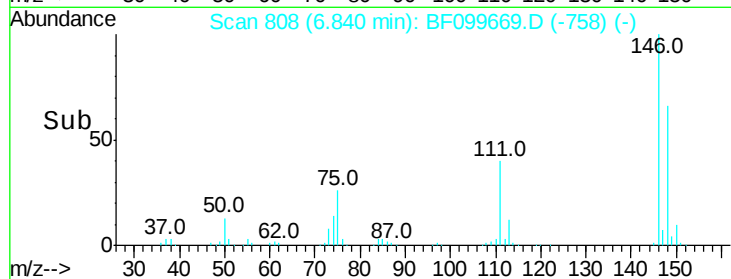
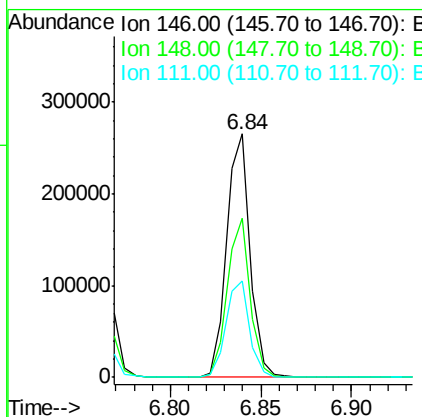
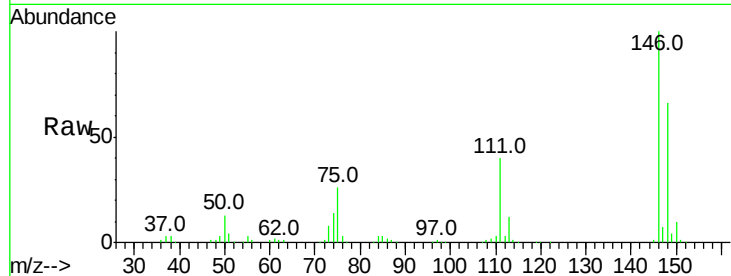




#13
 1,4-Dichlorobenzene
 Concen: 35.008 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

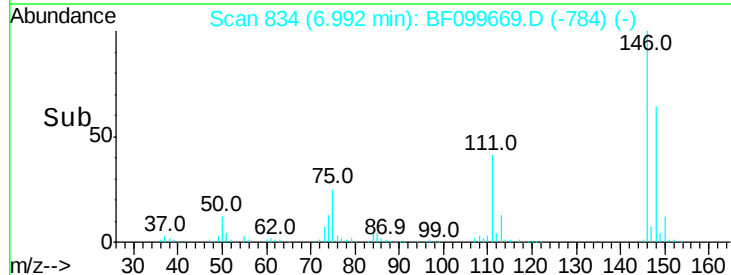
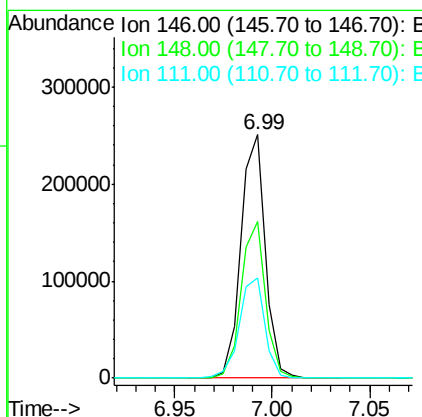
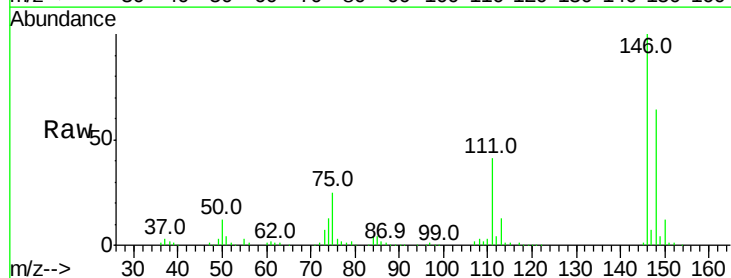
Instrument :
 BNA_F
 ClientSampleId :

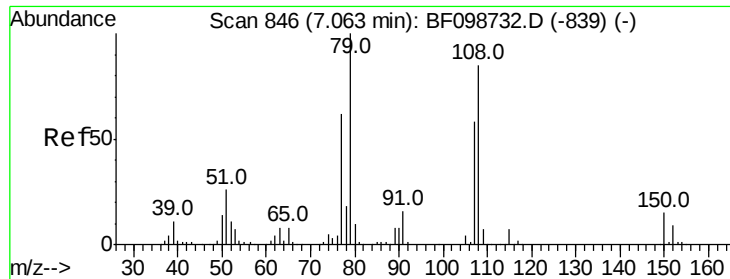
Tot Ion:146 Resp: 238361
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.508 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:146 Resp: 217099
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.0 36.0 54.0

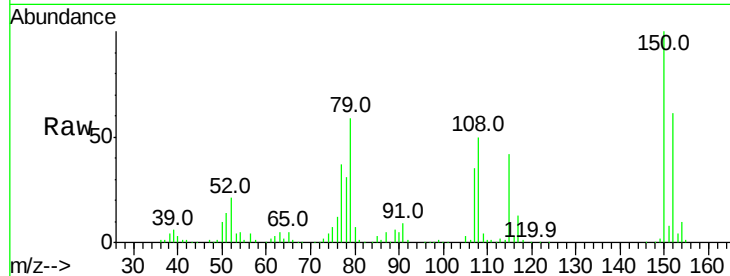




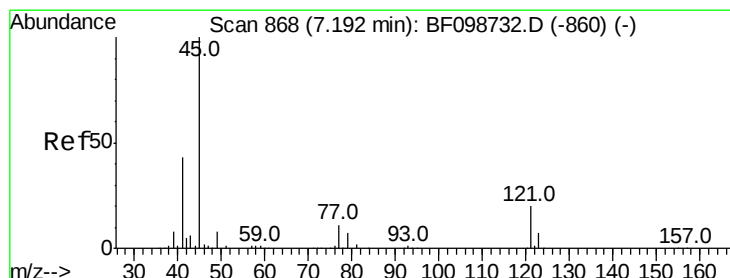
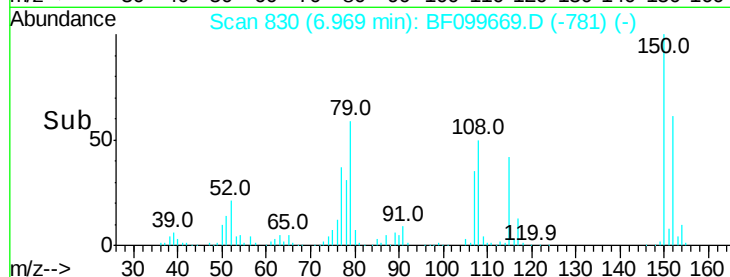
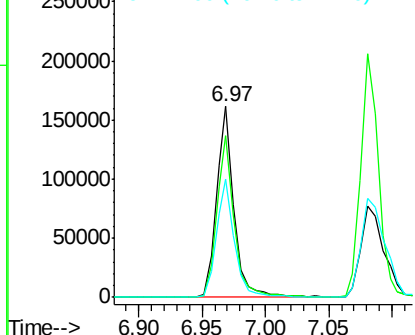
#15
Benzyl Alcohol
Concen: 30.654 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 156533
Ion Ratio Lower Upper
79 100
108 85.0 65.1 97.7
77 62.2 50.6 75.8

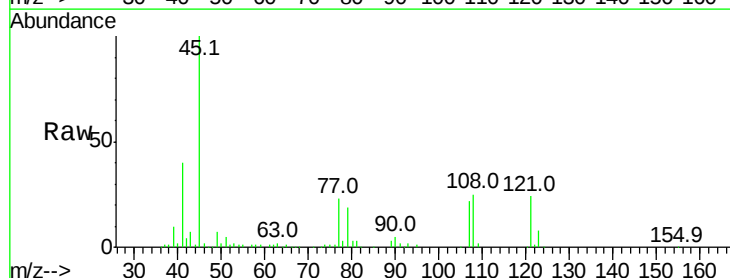


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

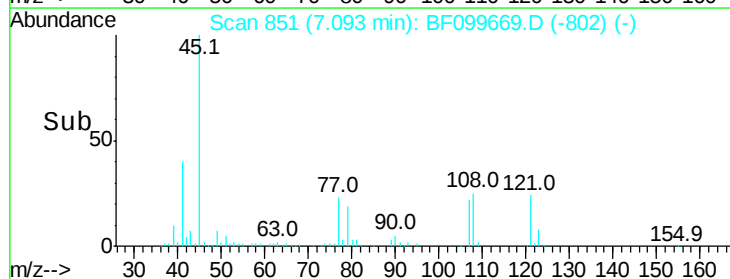
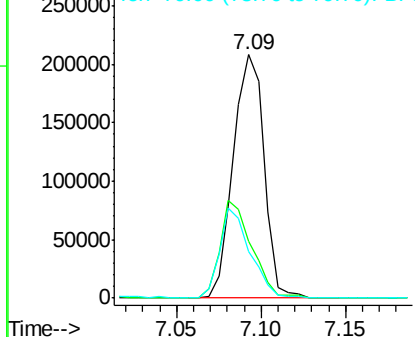


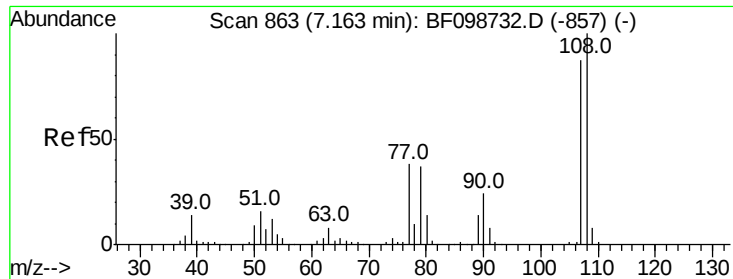
#16
2,2'-oxybis(1-chloropropane)
Concen: 28.085 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion: 45 Resp: 264816
Ion Ratio Lower Upper
45 100
77 23.3 0.0 32.9
79 19.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.107 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 178324

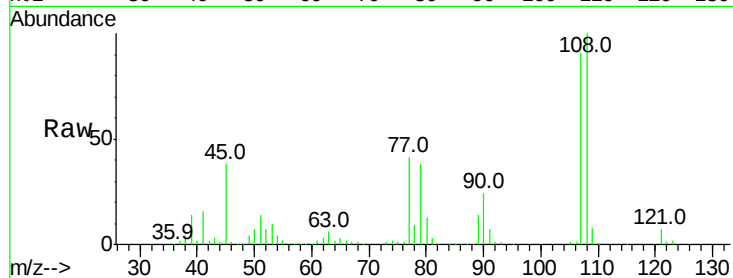
Ion Ratio Lower Upper

107 100

108 110.3 91.7 137.5

77 44.8 33.8 50.8

79 41.4 33.8 50.8

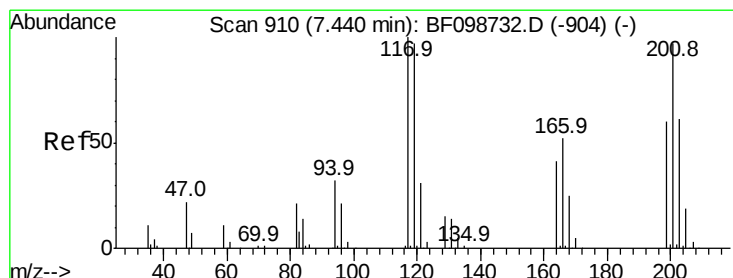
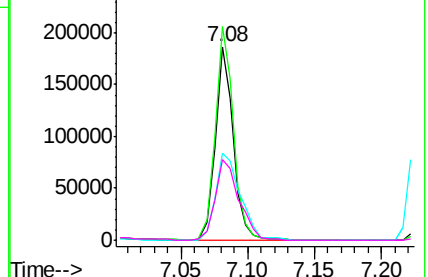
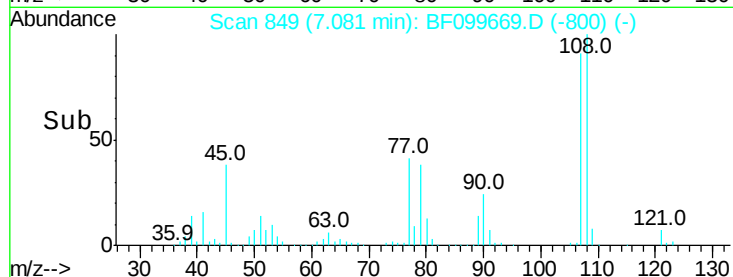


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.397 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

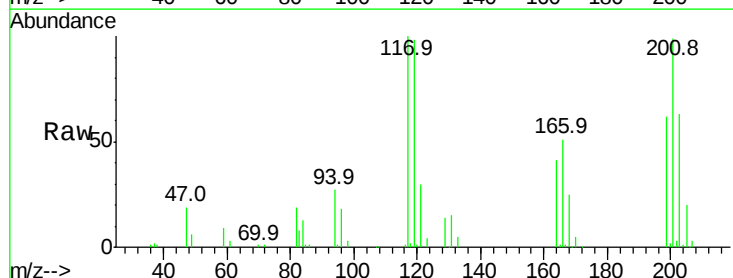
Tgt Ion:117 Resp: 79286

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

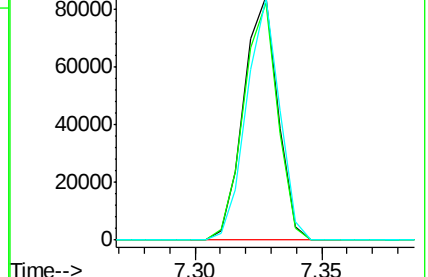
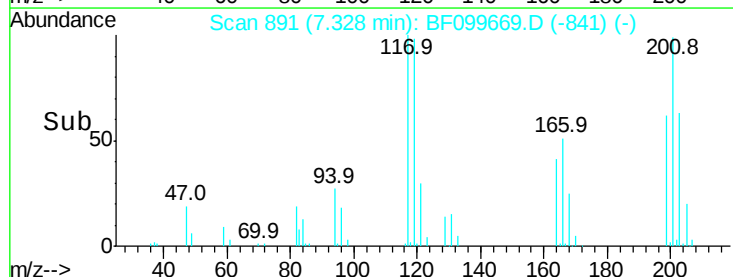
201 99.3 75.7 113.5

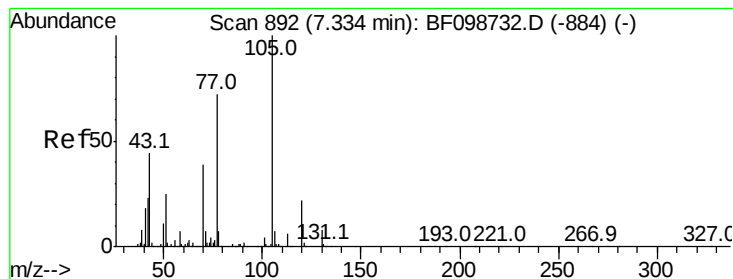


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.950 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 137547

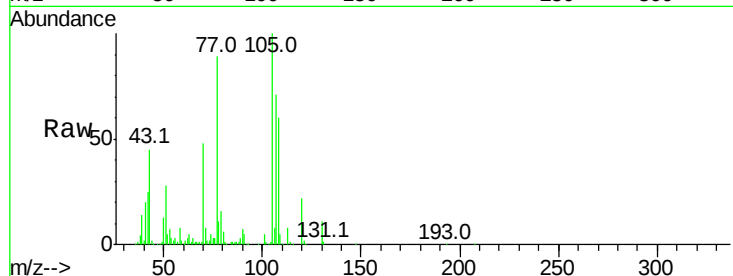
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 10.3 7.4 11.2

130 22.8 16.6 25.0

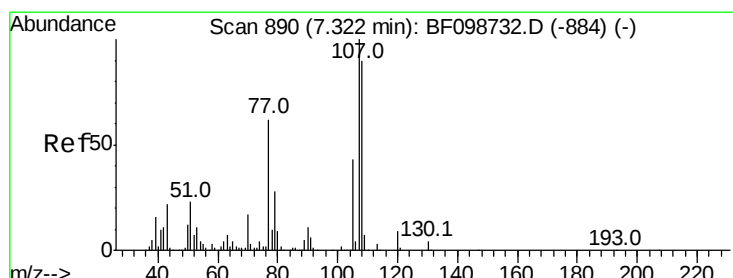
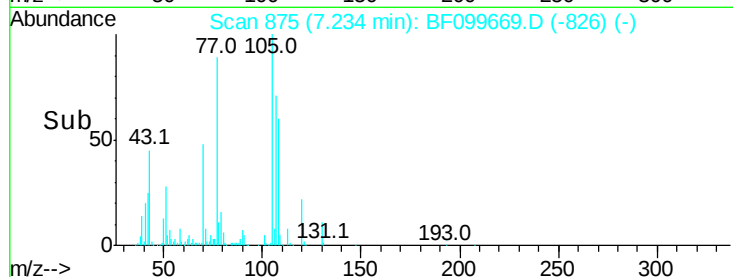
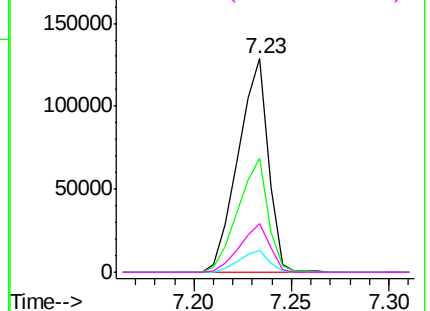


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 33.899 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Tgt Ion: 107 Resp: 224221

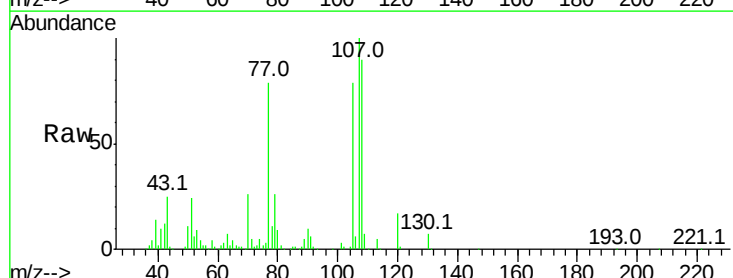
Ion Ratio Lower Upper

107 100

108 90.2 68.2 108.2

77 79.0 26.7 66.7#

79 25.9 6.3 46.3

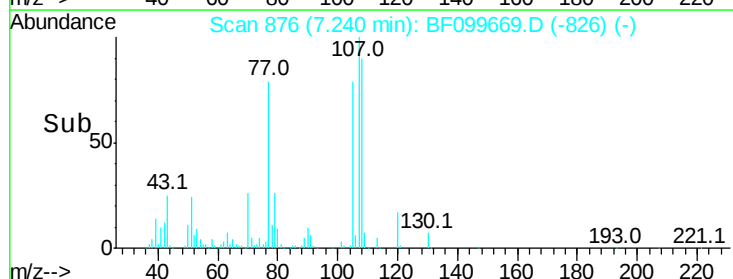
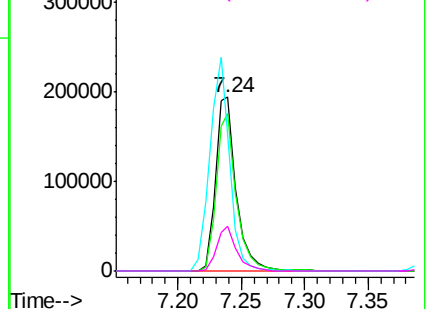


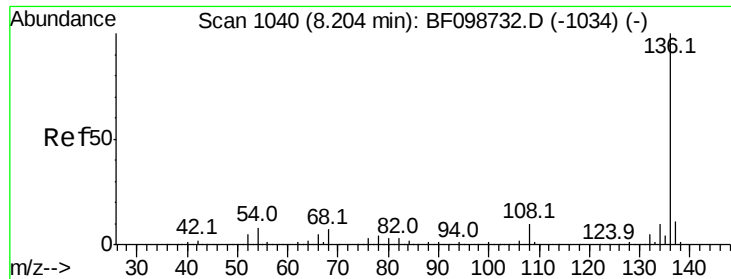
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

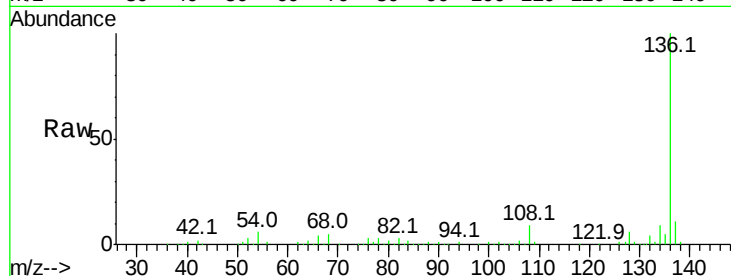




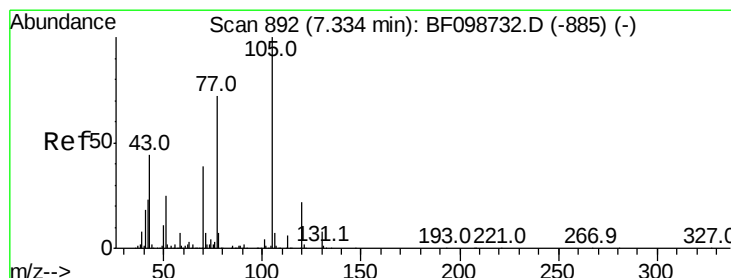
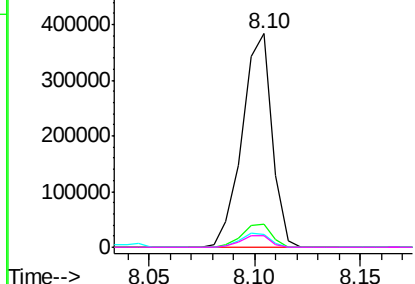
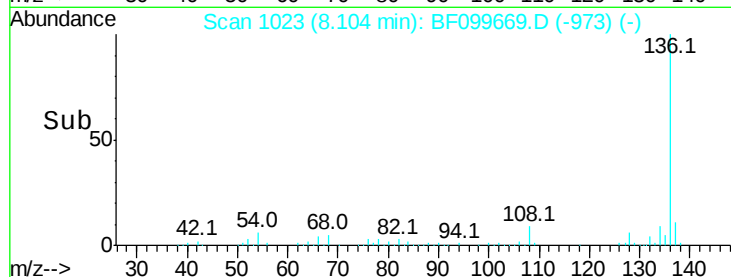
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	376134
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

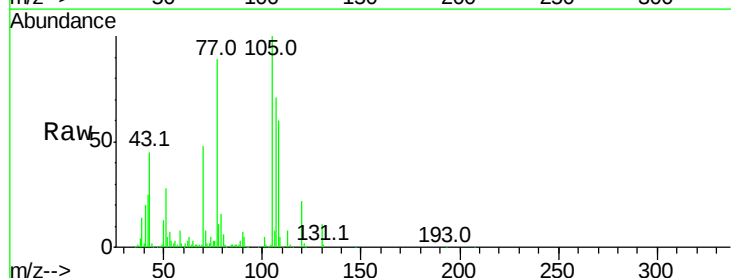


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

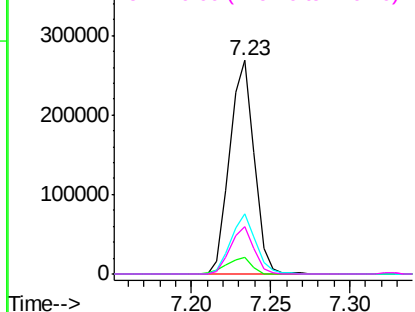
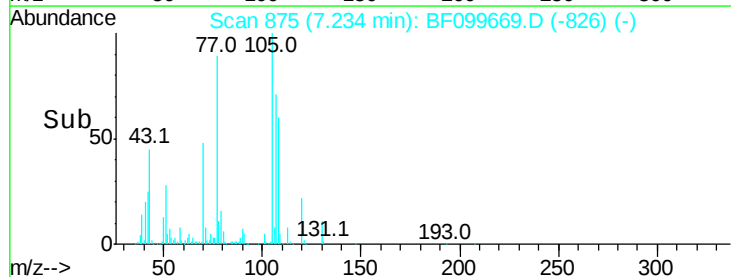


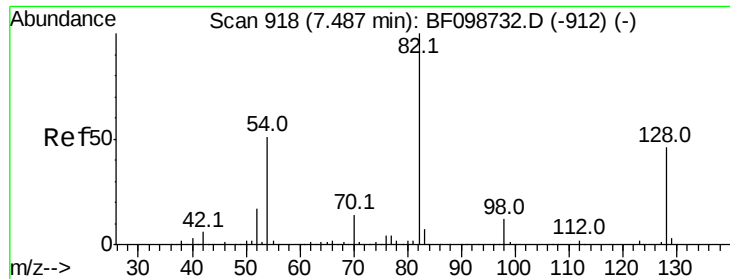
#22
Acetophenone
Concen: 31.516 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:	105	Resp:	287212
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	28.5	22.3	33.5
120	22.3	16.9	25.3



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

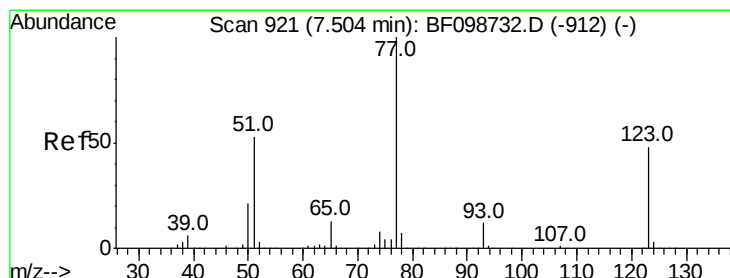
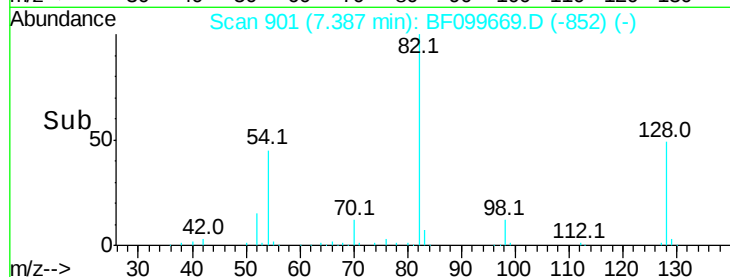
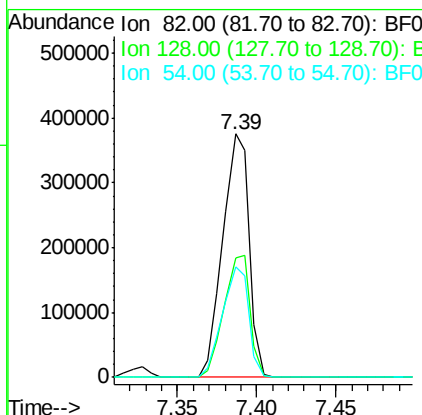
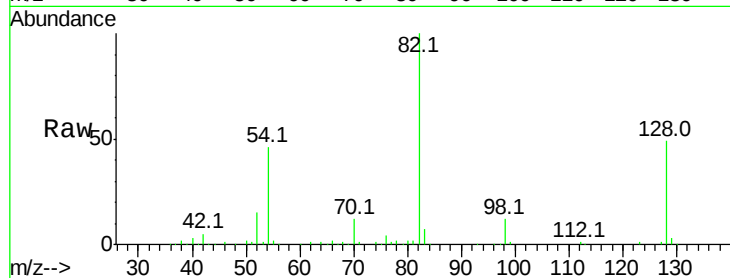




#23
 Nitrobenzene-d5
 Concen: 73.843 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

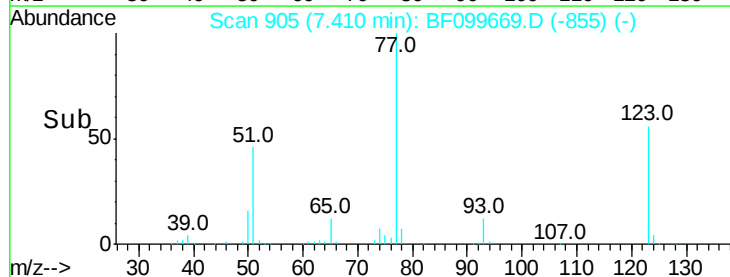
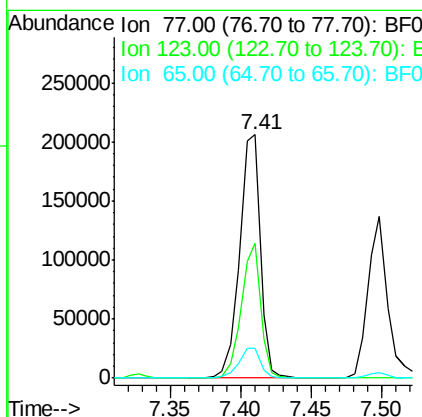
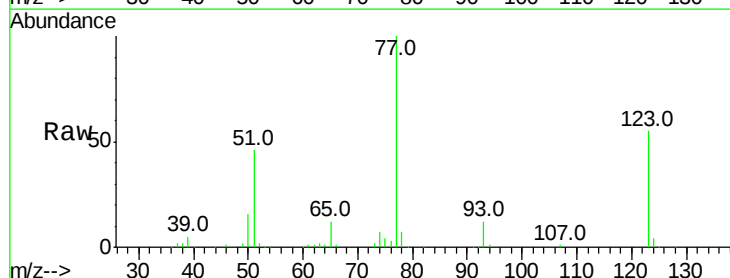
Instrument :
 BNA_F
 ClientSampled :

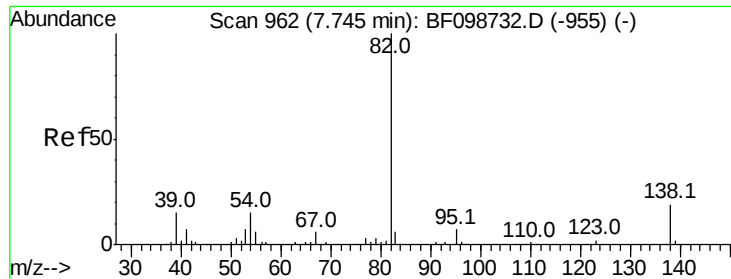
Tot Ion: 82 Resp: 433104
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 45.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 31.736 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion: 77 Resp: 211151
 Ion Ratio Lower Upper
 77 100
 123 55.2 37.9 56.9
 65 12.2 11.0 16.4





#25

Isophorone

Concen: 32.470 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

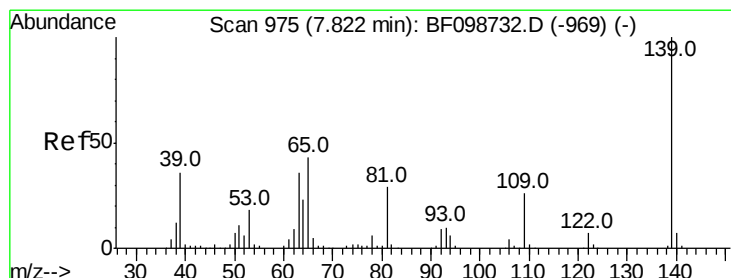
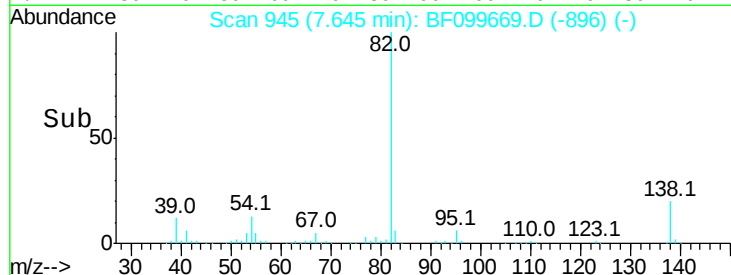
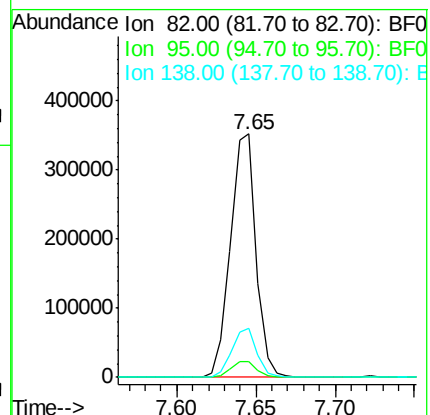
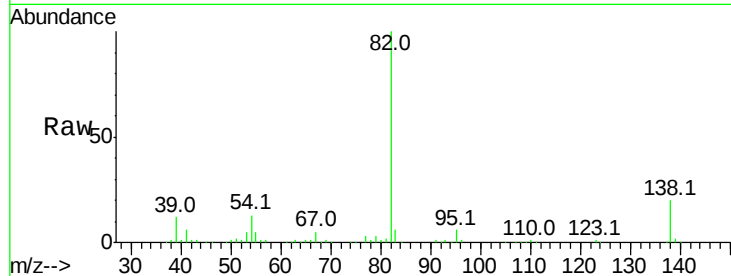
Tot Ion: 82 Resp: 393736

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 37.482 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

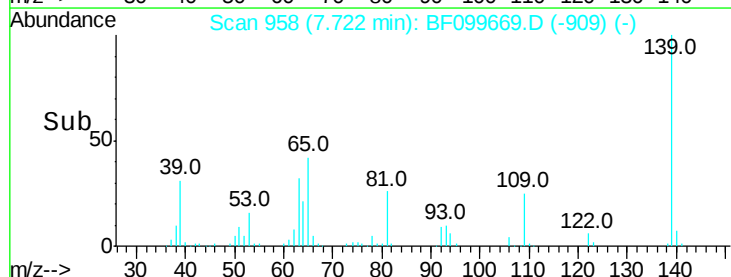
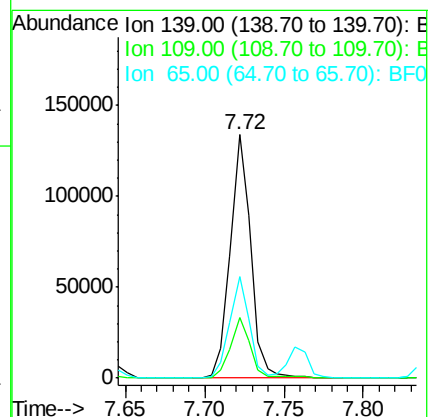
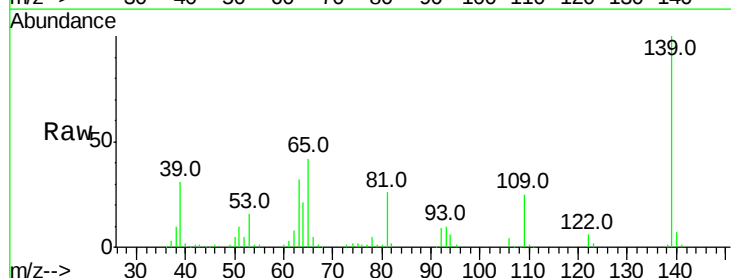
Tgt Ion: 139 Resp: 119921

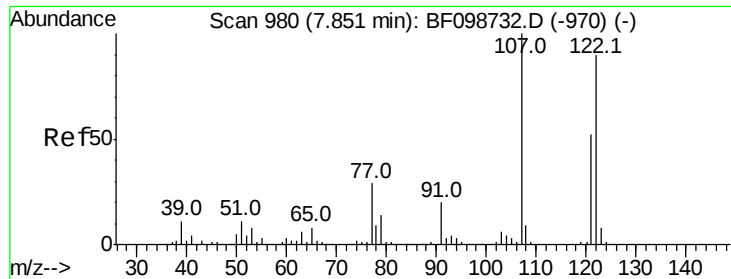
Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

65 41.8 40.5 60.7

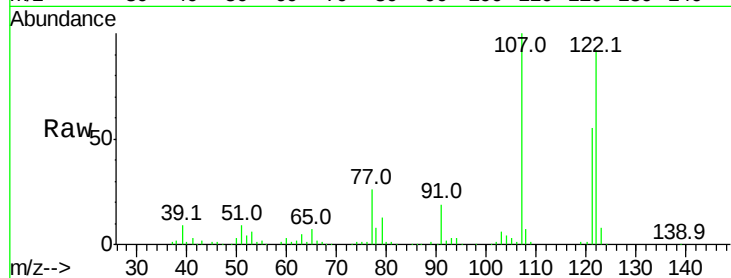




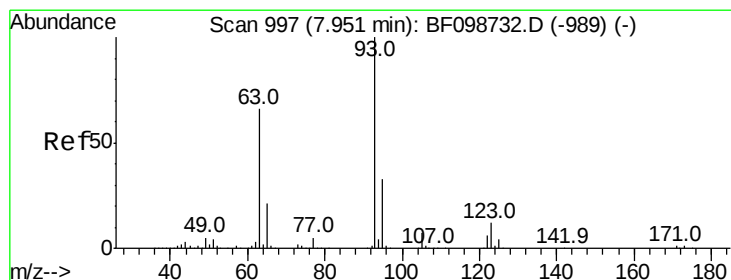
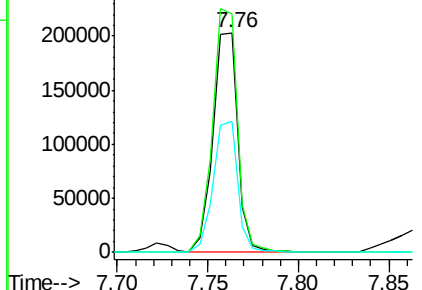
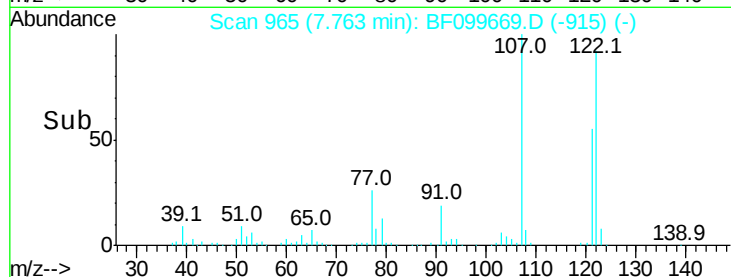
#27
 2,4-Dimethylphenol
 Concen: 32.141 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 194200
 Ion Ratio Lower Upper
 122 100
 107 108.2 91.2 136.8
 121 59.4 47.2 70.8

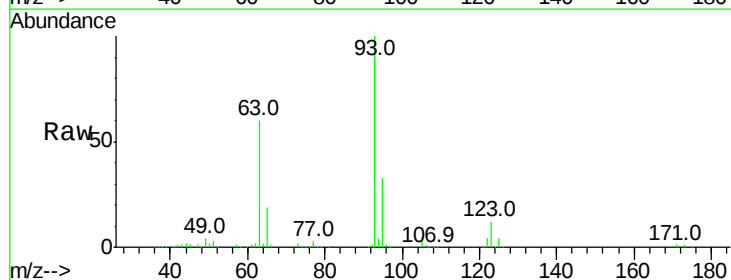


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

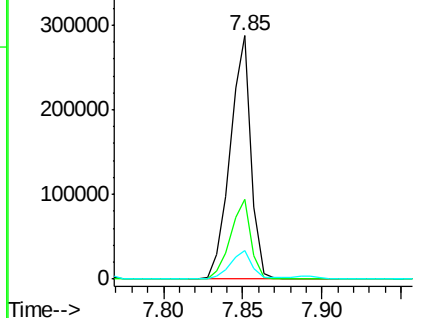
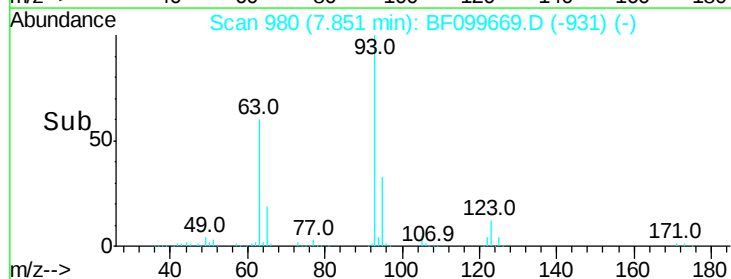


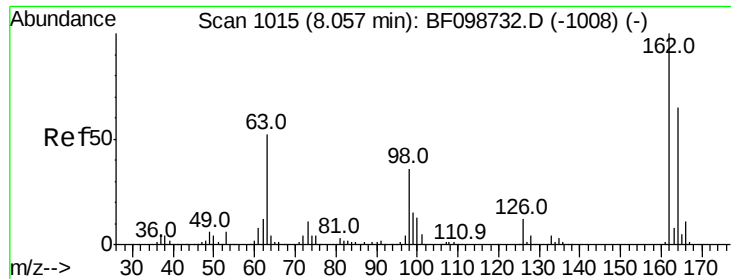
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.489 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion: 93 Resp: 260628
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.8 9.8 14.6



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

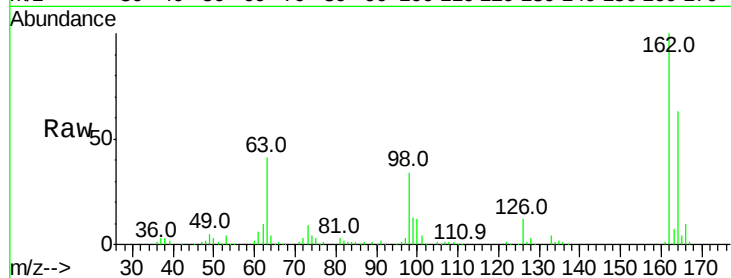




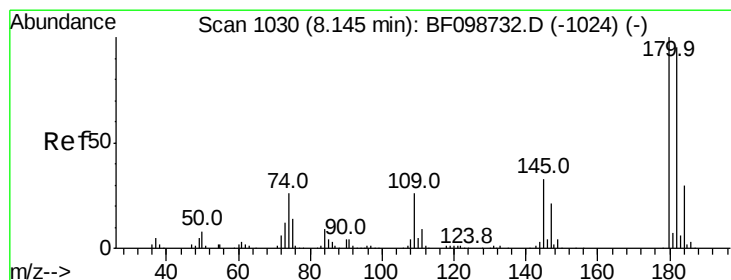
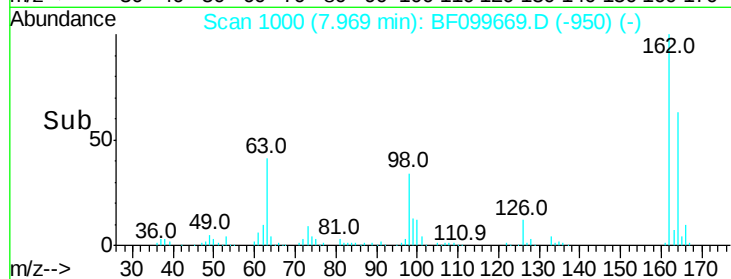
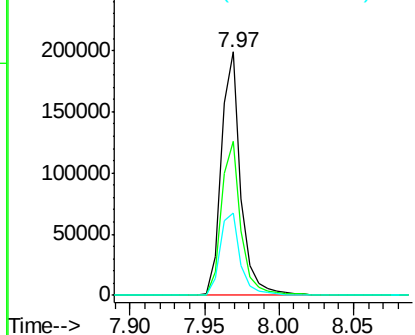
#29
 2,4-Dichlorophenol
 Concen: 35.205 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	33.6	18.1	58.1

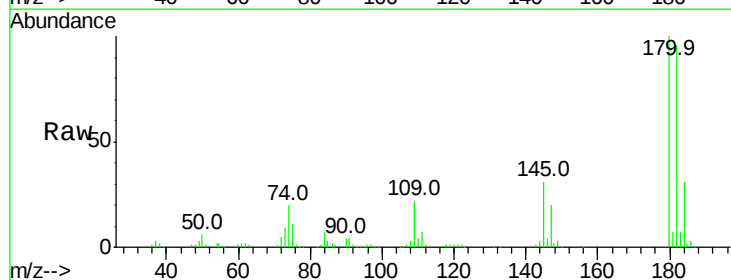


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

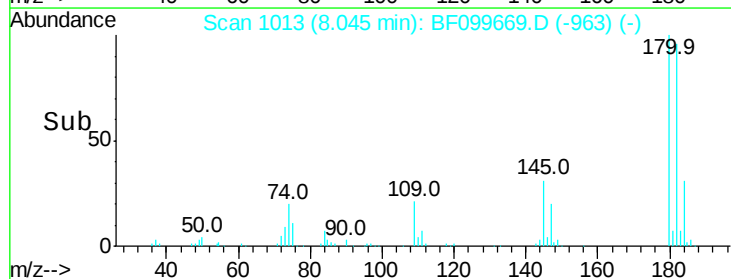
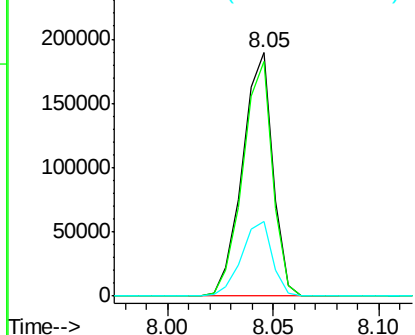


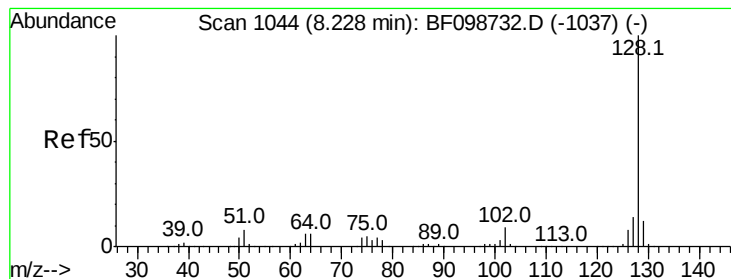
#30
 1,2,4-Trichlorobenzene
 Concen: 36.414 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	30.9	26.5	39.7



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





#31

Naphthalene

Concen: 35.396 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

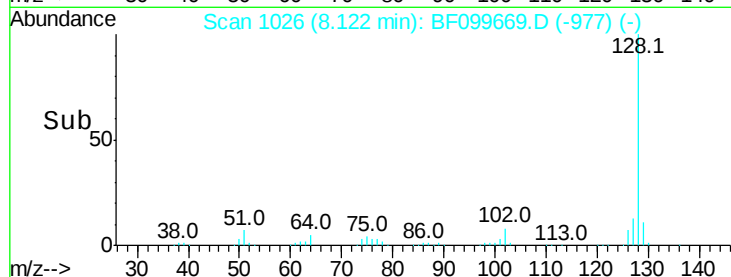
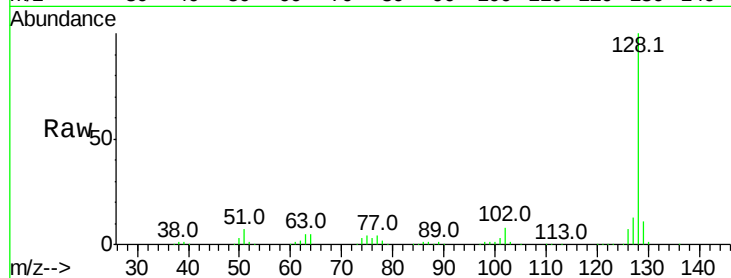
Tot Ion:128 Resp: 625284

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

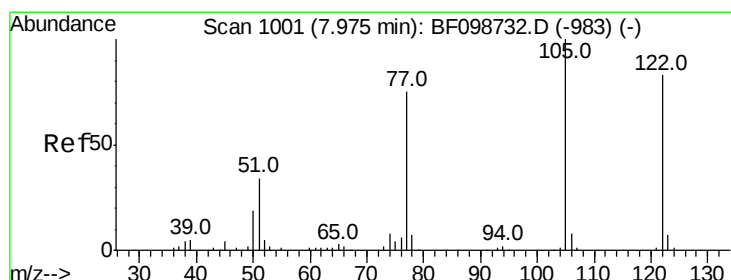
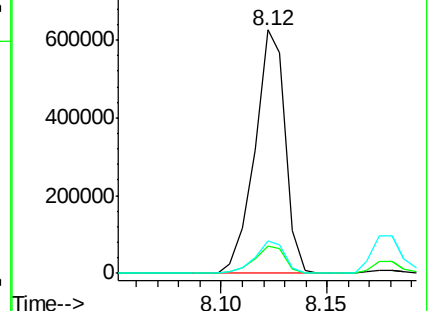
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.745 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

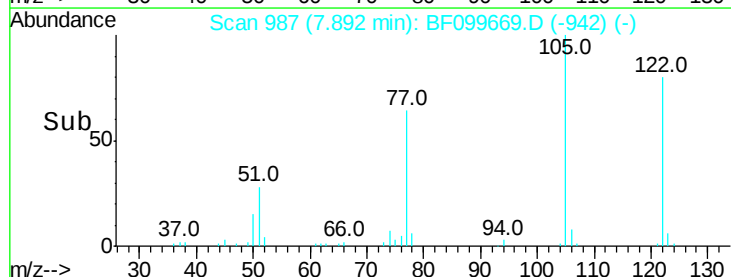
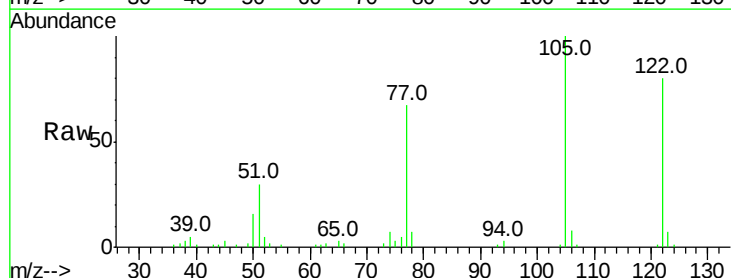
Tgt Ion:122 Resp: 102963

Ion Ratio Lower Upper

122 100

105 124.3 101.1 141.1

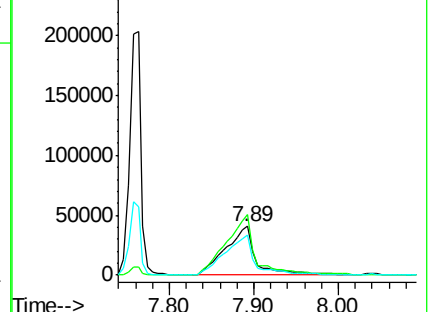
77 83.1 70.7 110.7

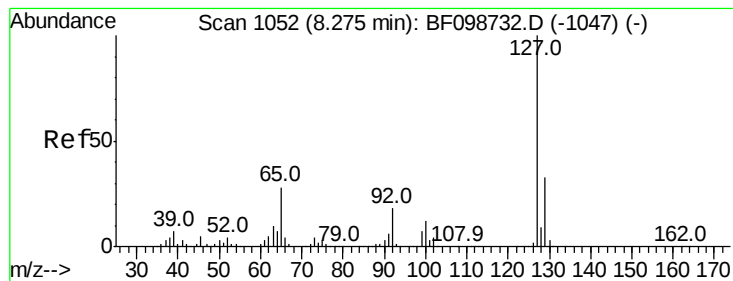


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.795 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 109147

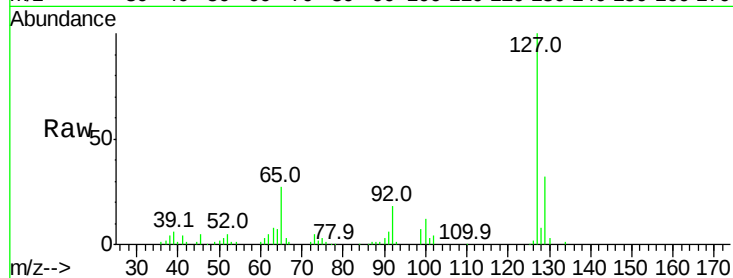
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.1 25.0 37.4

92 17.9 15.2 22.8

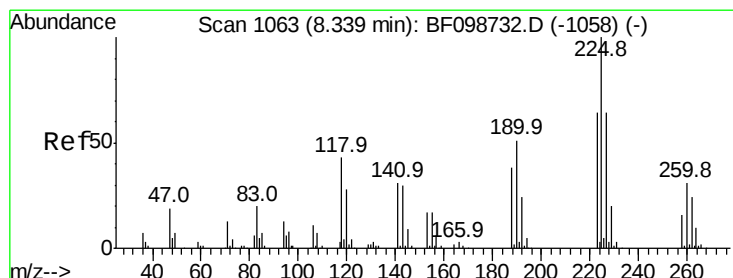
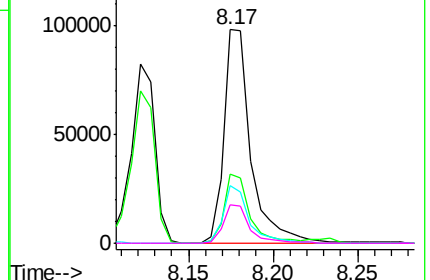
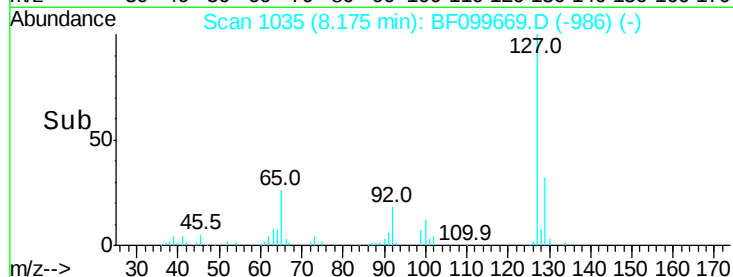


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.999 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

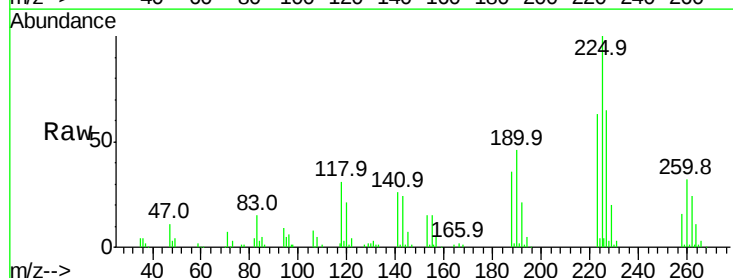
Tgt Ion:225 Resp: 93533

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

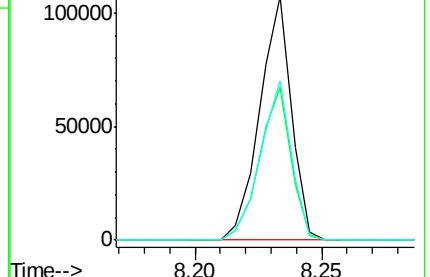
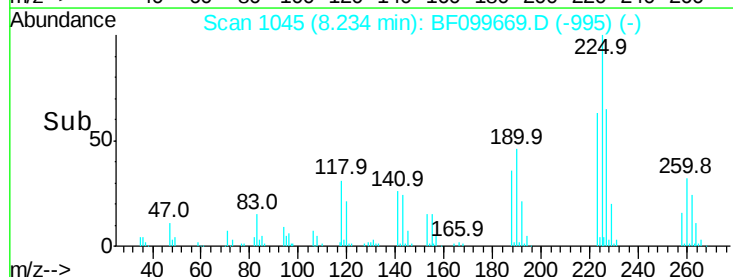
227 65.3 51.9 77.9

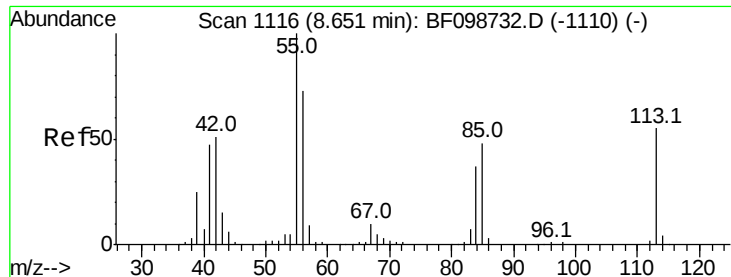


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

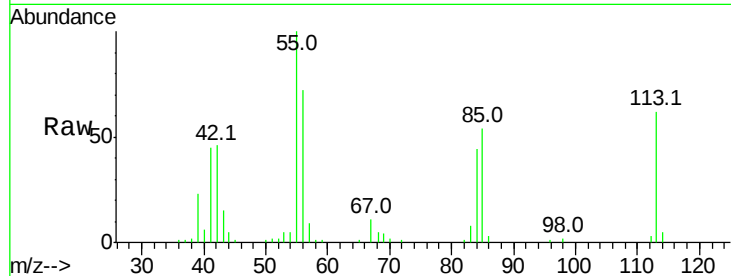




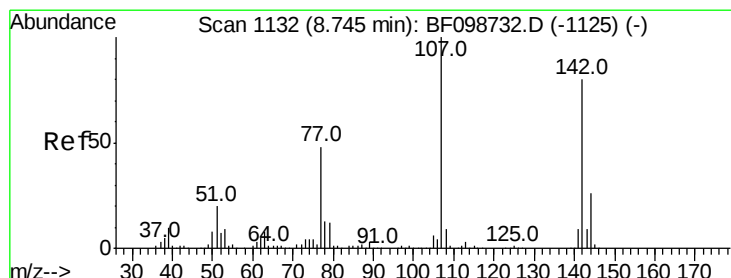
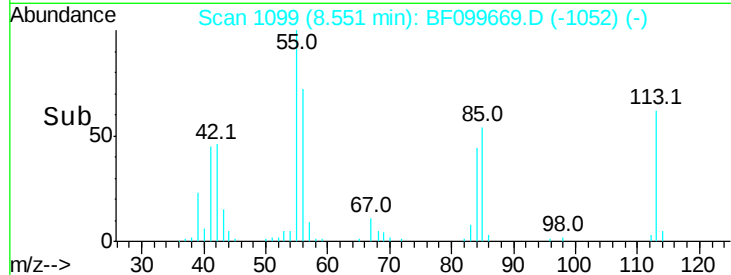
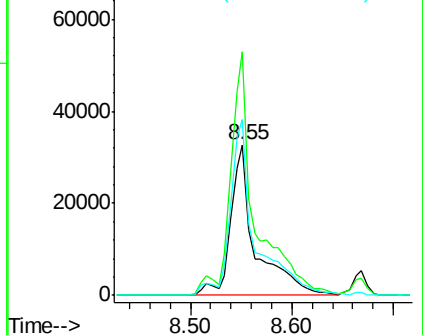
#35
 Caprolactam
 Concen: 33.667 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 56023
 Ion Ratio Lower Upper
 113 100
 55 161.9 163.3 203.3#
 56 116.9 115.7 155.7

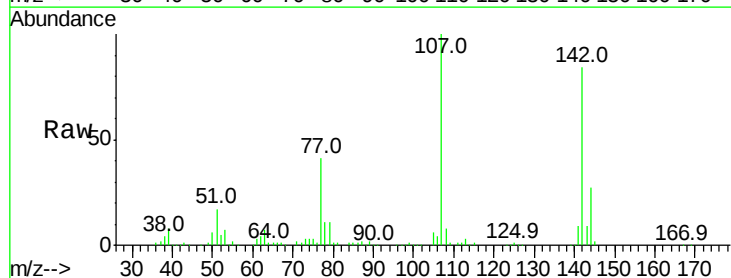


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

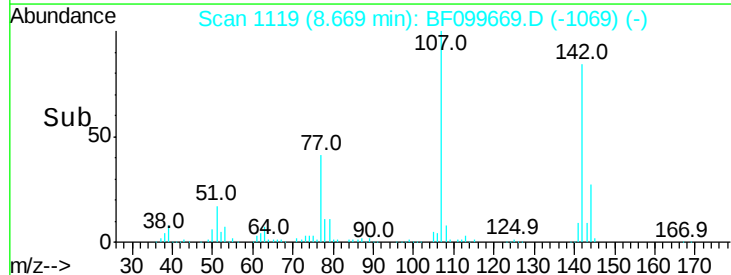
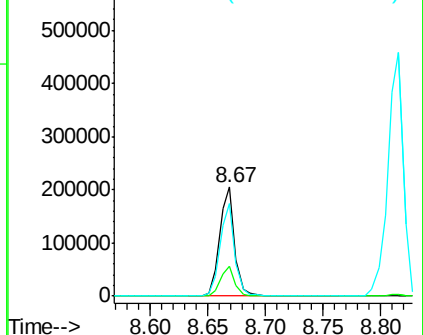


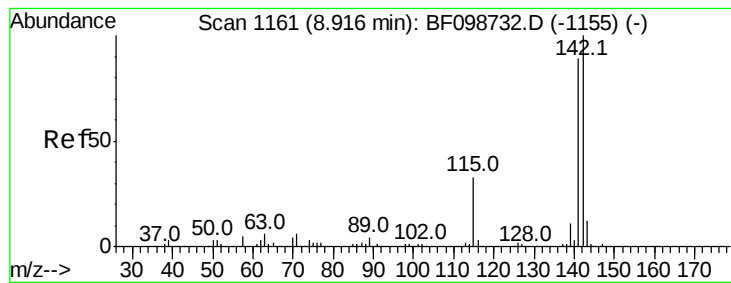
#36
 4-Chloro-3-methylphenol
 Concen: 31.524 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:107 Resp: 183810
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 84.4 62.0 93.0



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

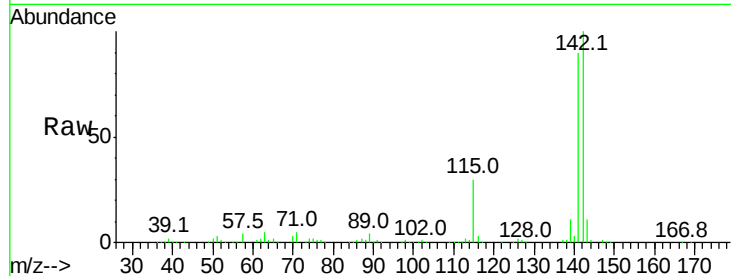




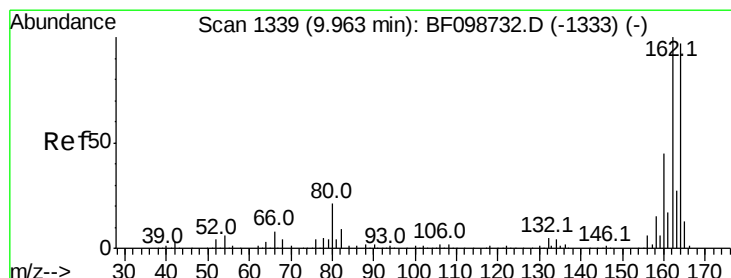
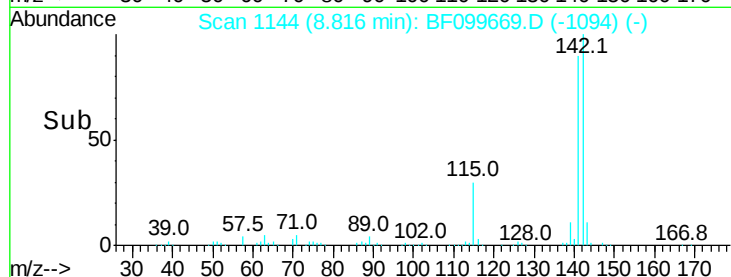
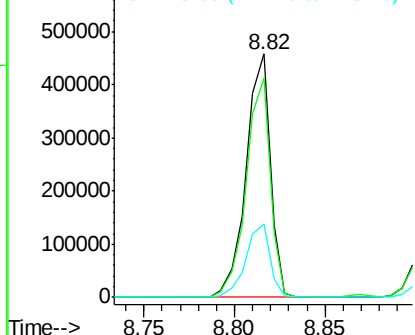
#37
2-Methylnaphthalene
Concen: 37.044 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 425419
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 29.9 26.1 39.1

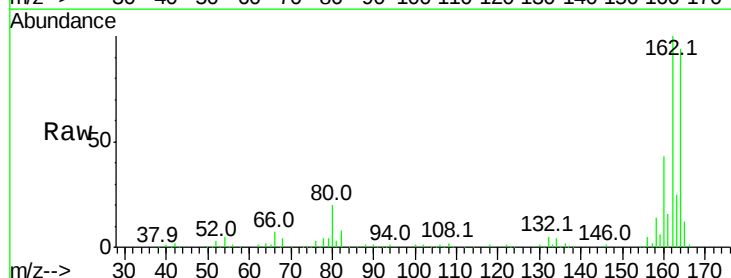


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

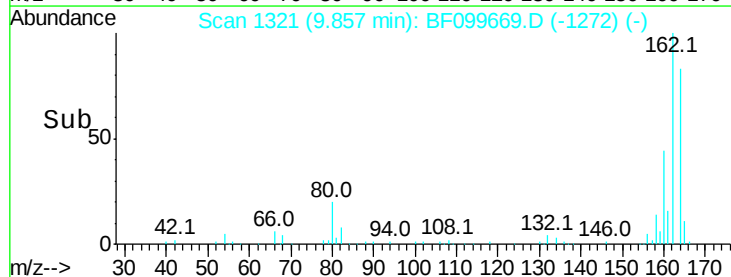
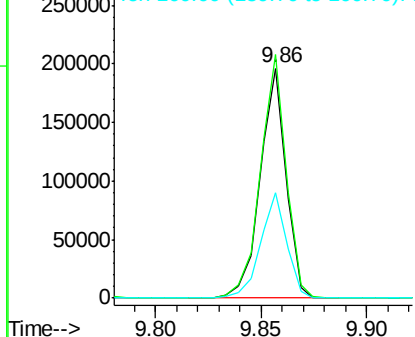


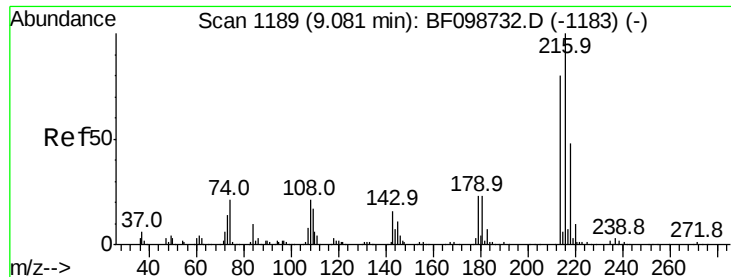
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:164 Resp: 167352
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 45.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.793 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 173649

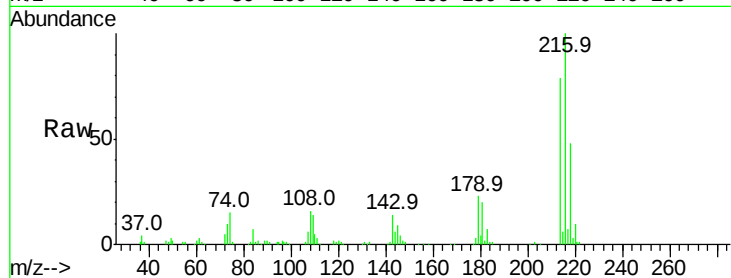
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 22.8 18.1 27.1

108 17.9 17.2 25.8

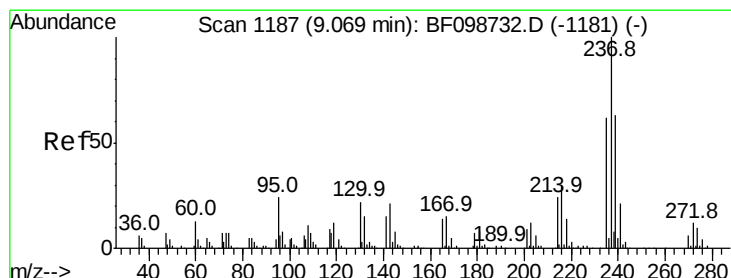
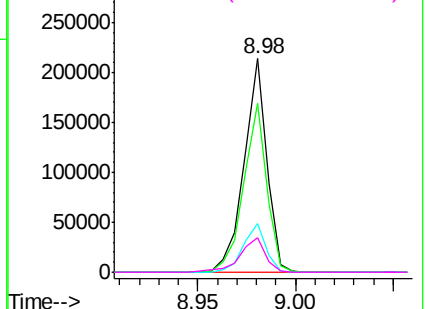
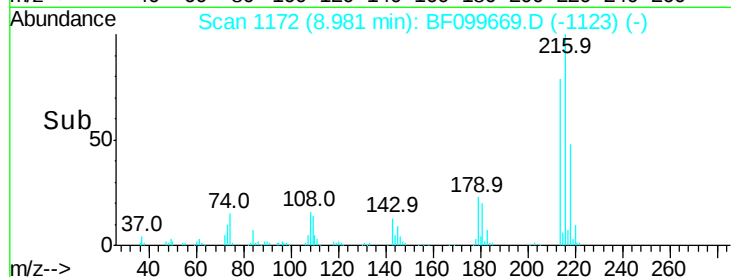


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 17.895 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

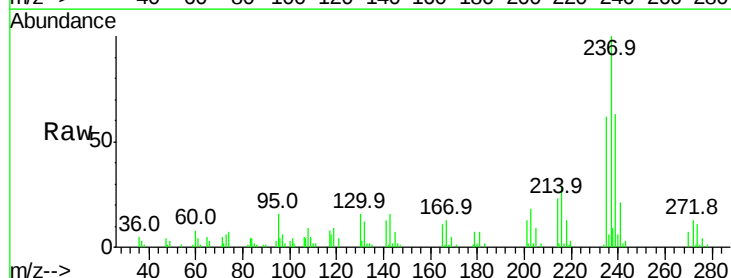
Tgt Ion:237 Resp: 40815

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

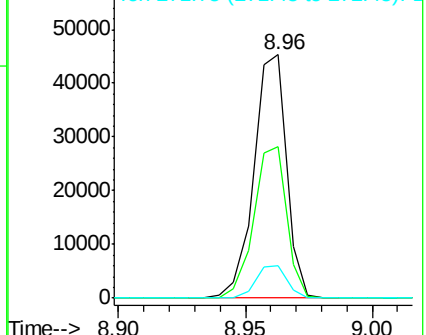
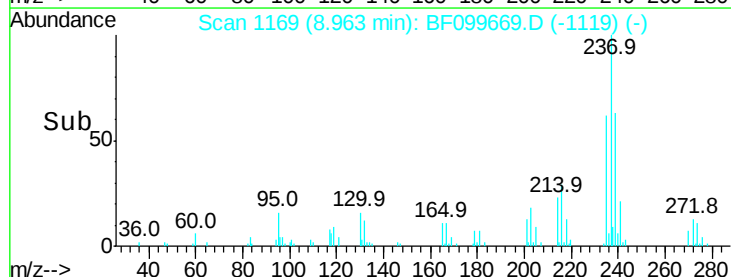
272 13.3 0.0 33.3

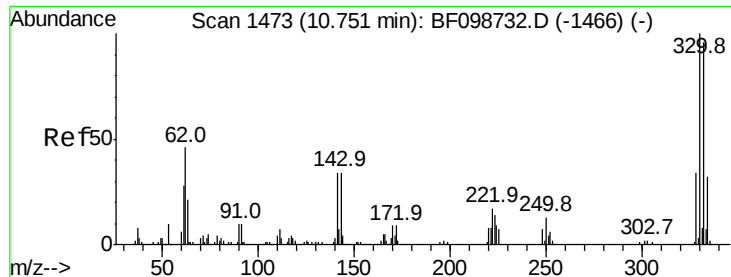


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

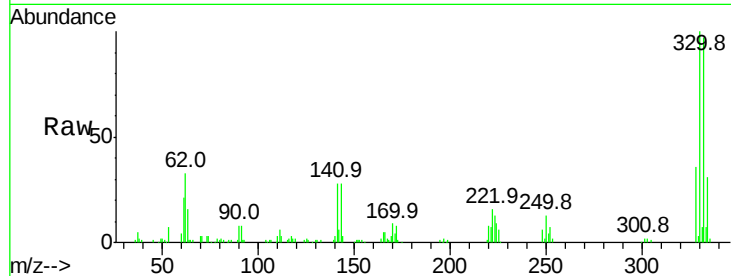




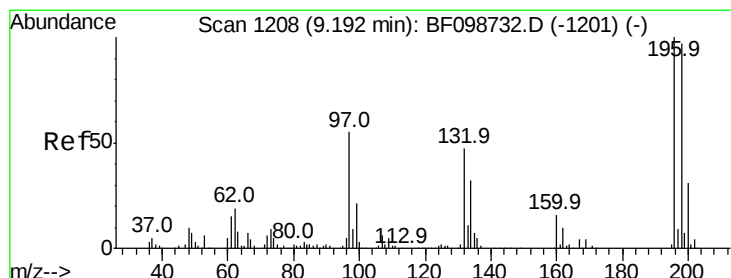
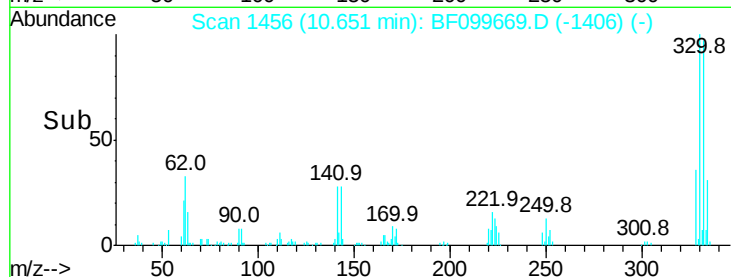
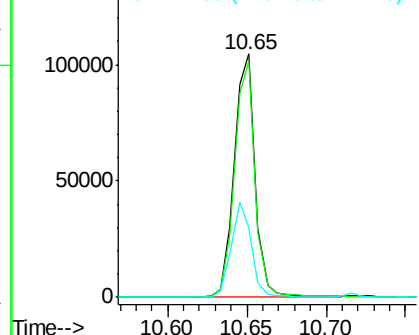
#41
 2,4,6-Tribromophenol
 Concen: 70.122 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96025
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.7 29.9 44.9

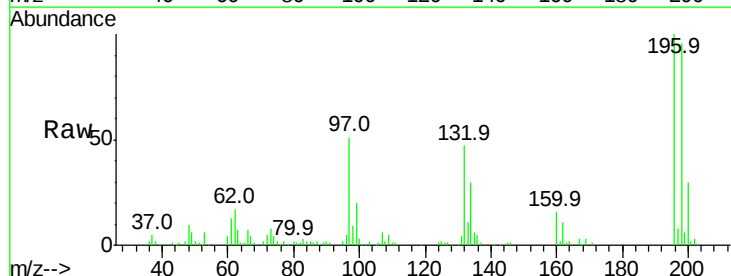


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

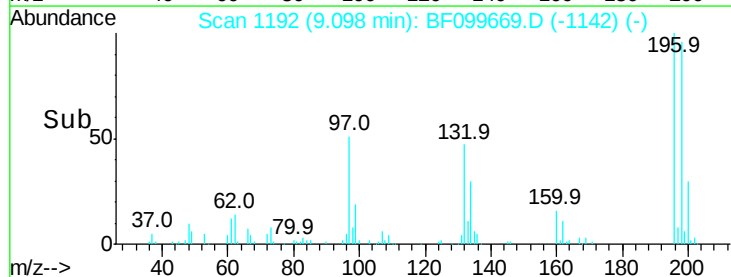
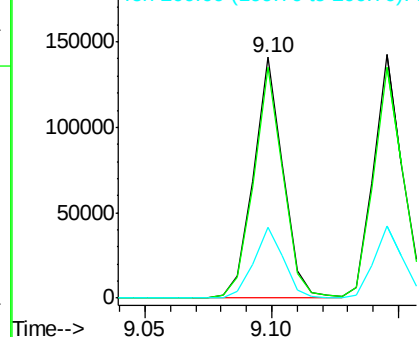


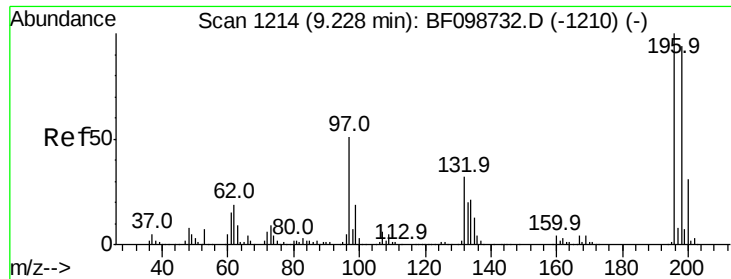
#42
 2,4,6-Trichlorophenol
 Concen: 32.366 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:196 Resp: 114436
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 29.6 24.5 36.7



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

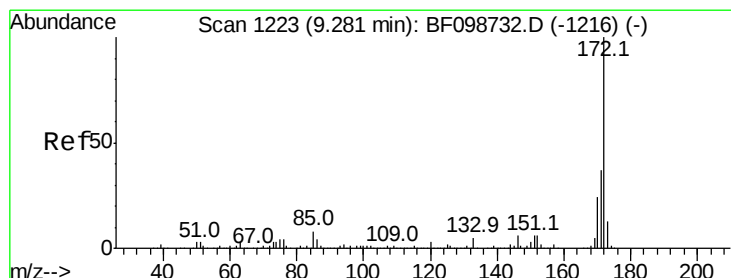
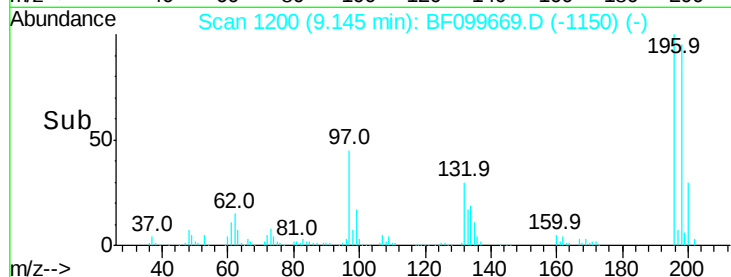
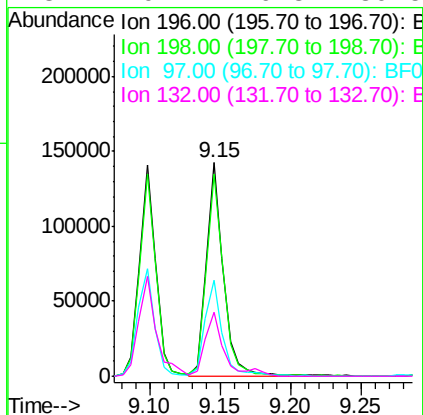
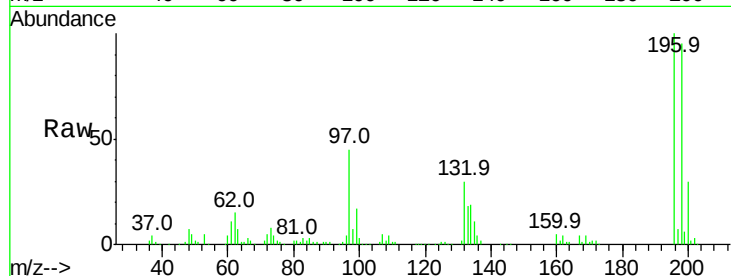




#43
 2,4,5-Trichlorophenol
 Concen: 34.095 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

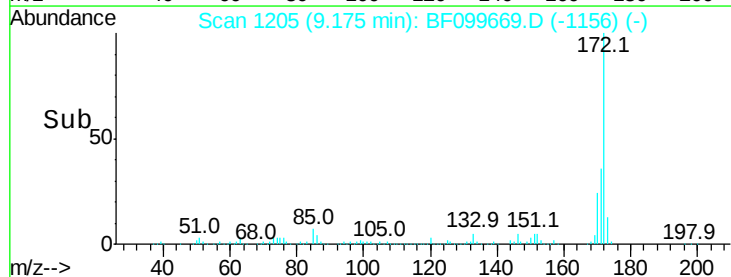
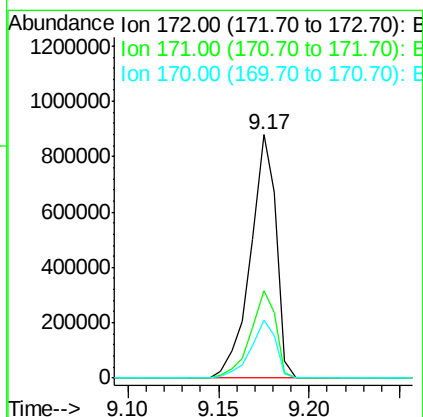
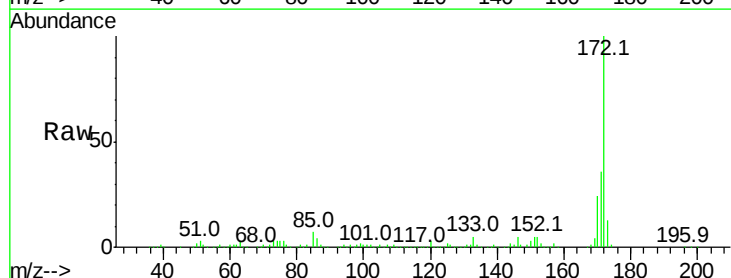
Instrument :
 BNA_F
 ClientSampled :

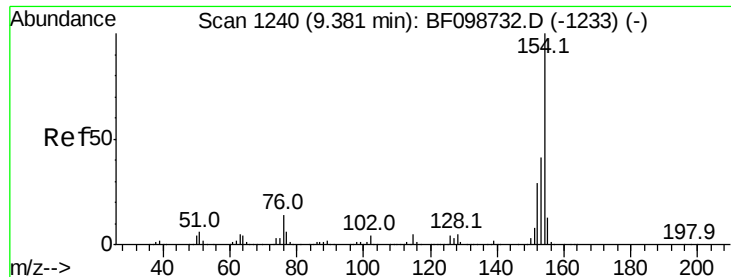
Tot Ion:	196	Resp:	120339
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	44.9	42.9	64.3
132	29.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 86.134 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:	172	Resp:	863459
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.002 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

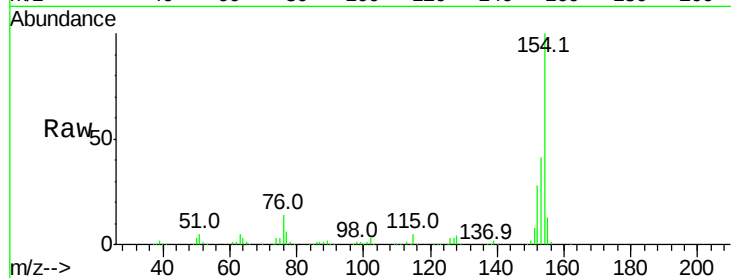
Tot Ion:154 Resp: 503427

Ion Ratio Lower Upper

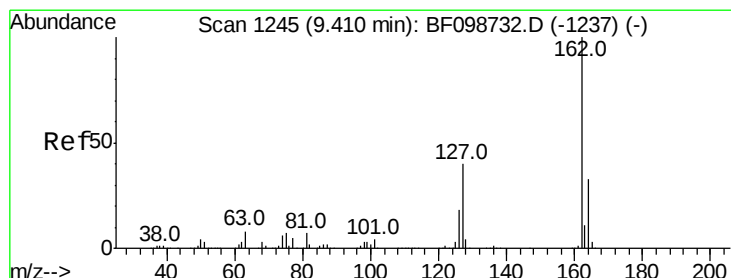
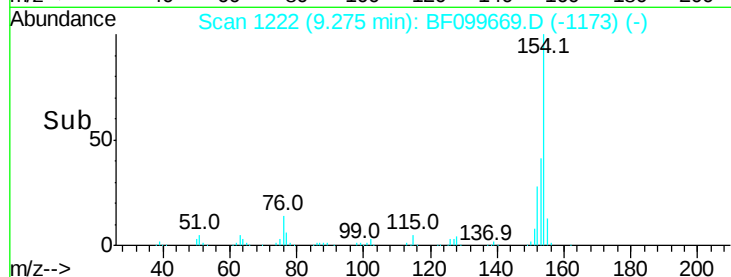
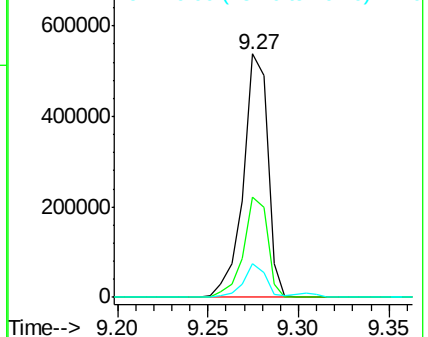
154 100

153 40.9 21.3 61.3

76 13.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.038 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

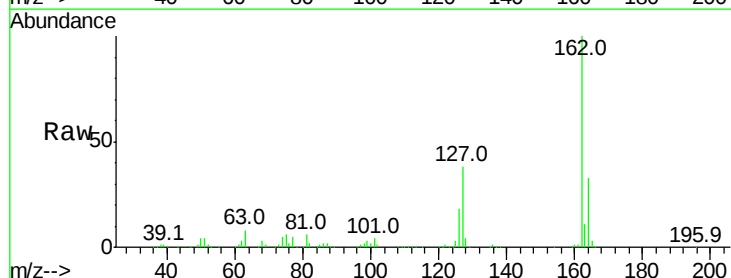
Tgt Ion:162 Resp: 389176

Ion Ratio Lower Upper

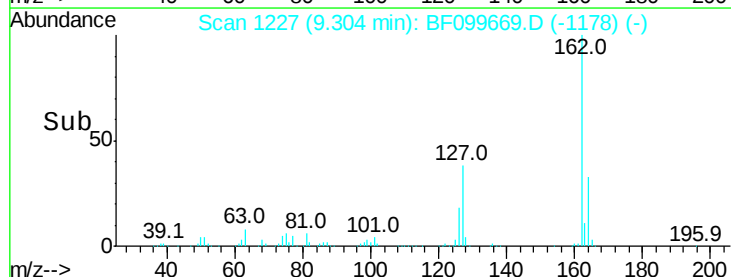
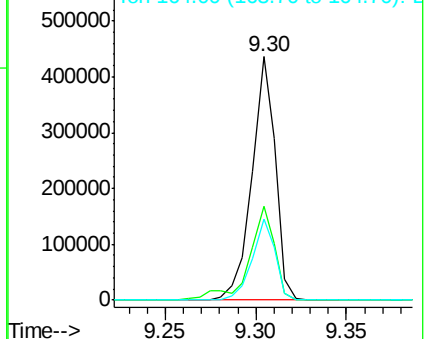
162 100

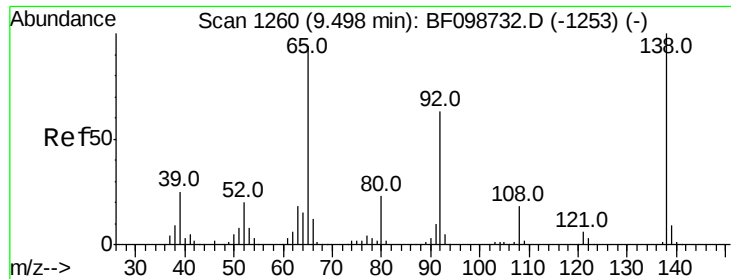
127 38.4 33.9 50.9

164 33.1 26.5 39.7



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

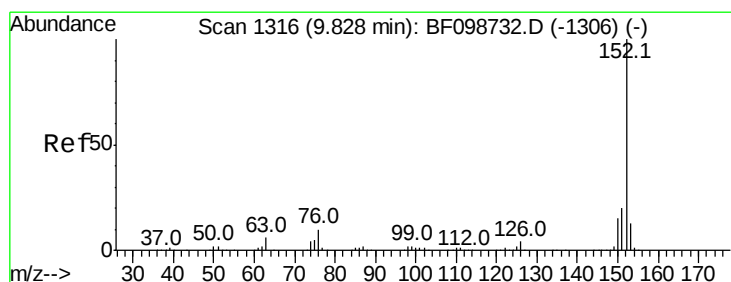
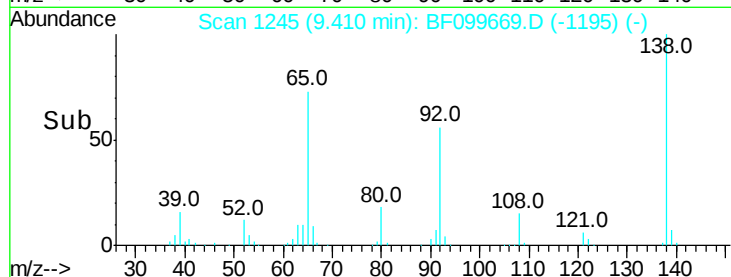
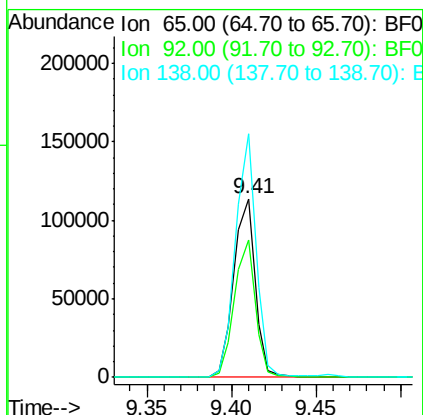
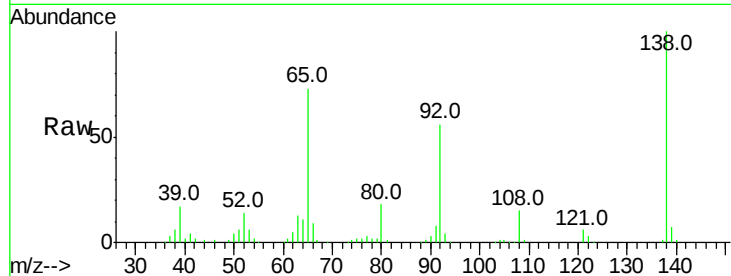




#47
2-Nitroaniline
Concen: 30.448 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

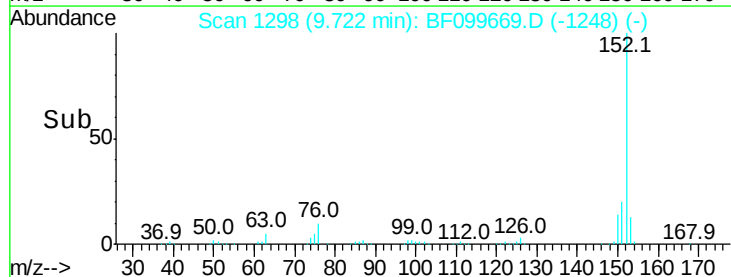
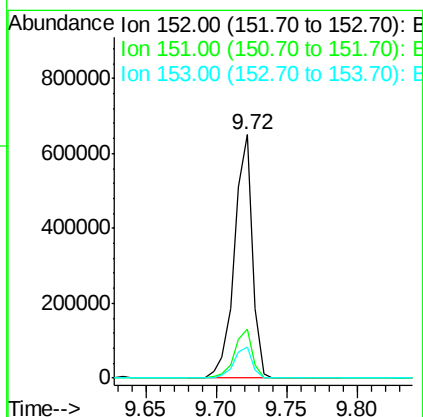
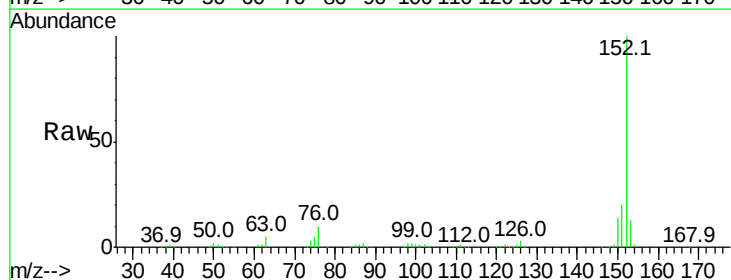
Instrument :
BNA_F
ClientSampled :

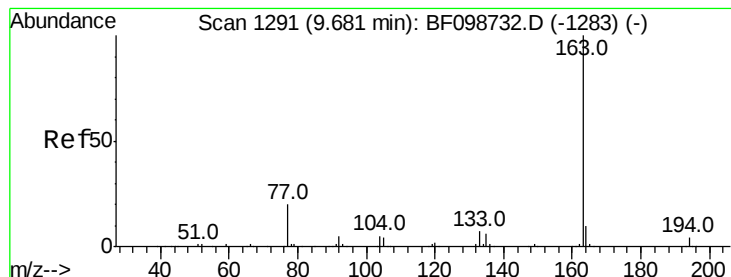
Tot Ion: 65 Resp: 100680
Ion Ratio Lower Upper
65 100
92 77.0 55.8 83.6
138 136.4 91.2 136.8



#48
Acenaphthylene
Concen: 34.610 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:152 Resp: 572149
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 35.623 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

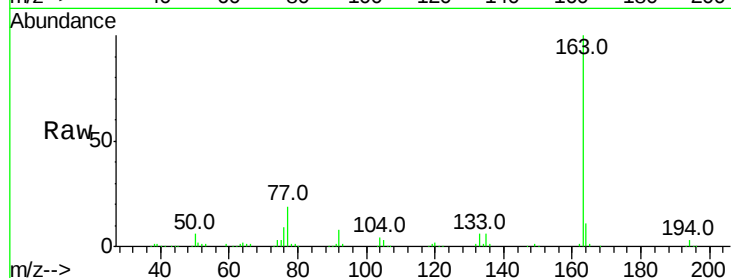
Tot Ion:163 Resp: 449947

Ion Ratio Lower Upper

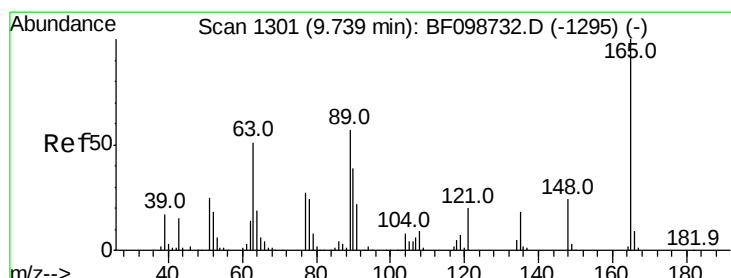
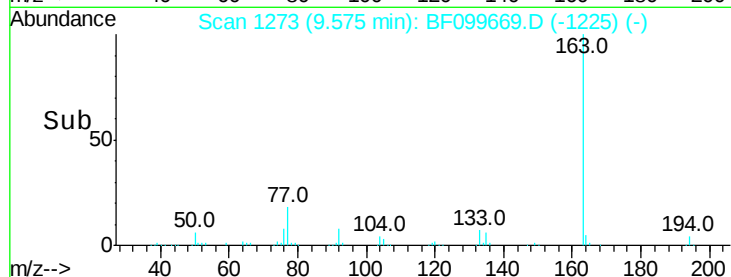
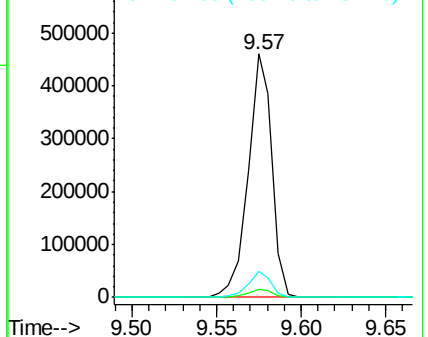
163 100

194 3.5 2.7 4.1

164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 35.104 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

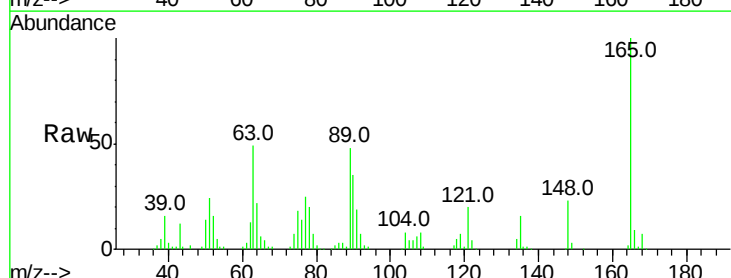
Tgt Ion:165 Resp: 96529

Ion Ratio Lower Upper

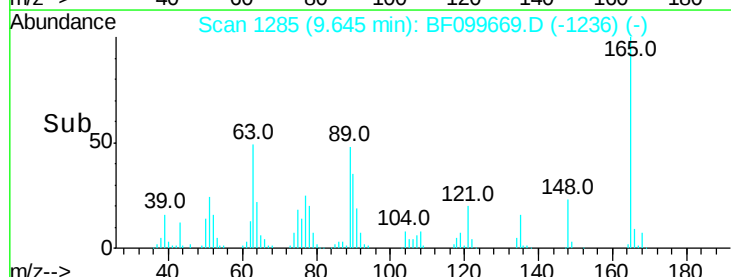
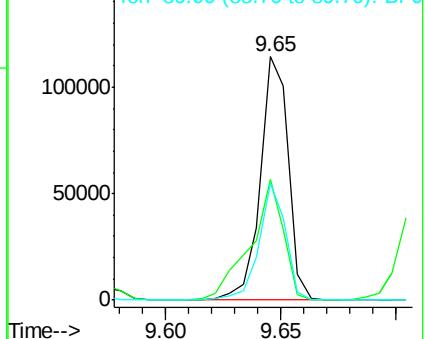
165 100

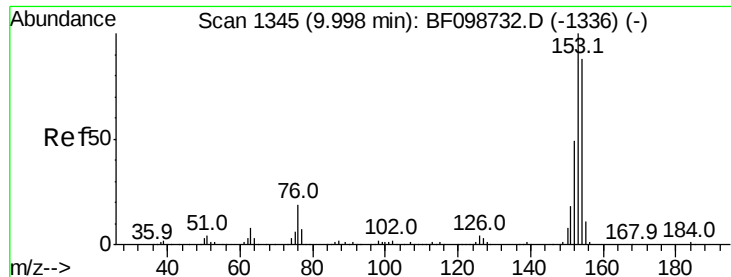
63 49.4 44.7 67.1

89 48.2 44.0 66.0



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: 31.950 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

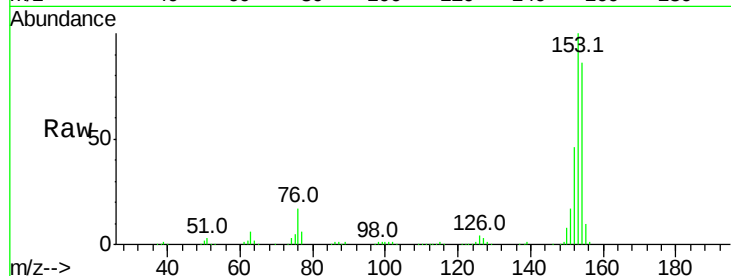
Tot Ion:154 Resp: 334574

Ion Ratio Lower Upper

154 100

153 116.8 91.2 136.8

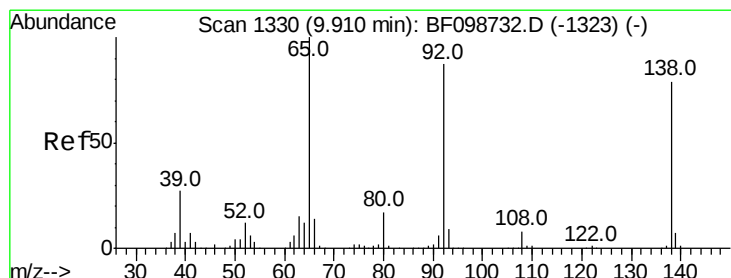
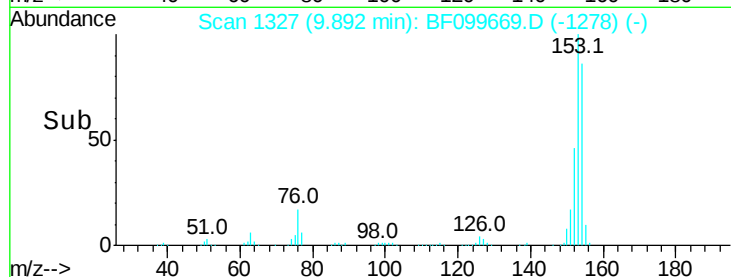
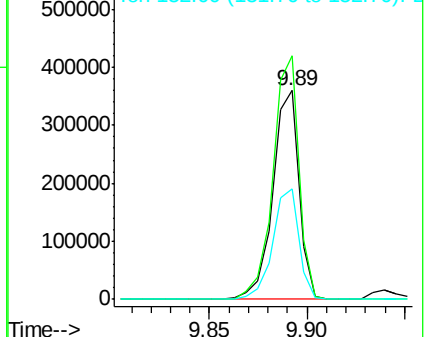
152 53.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.610 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

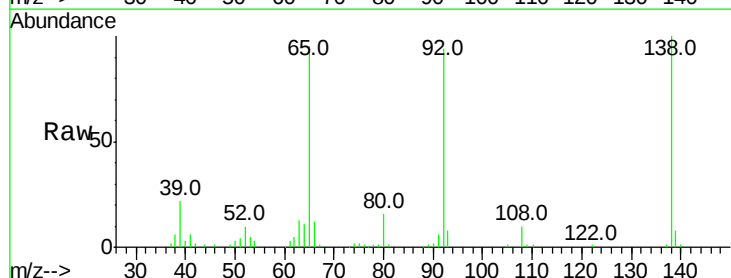
Tgt Ion:138 Resp: 69287

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

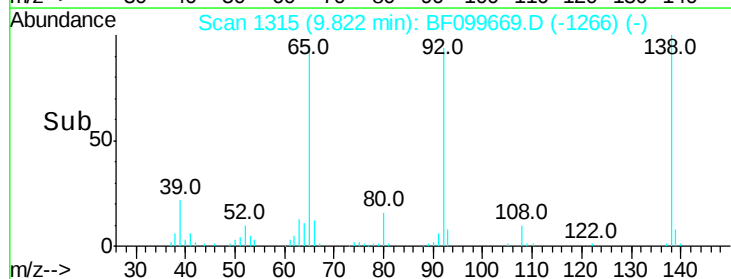
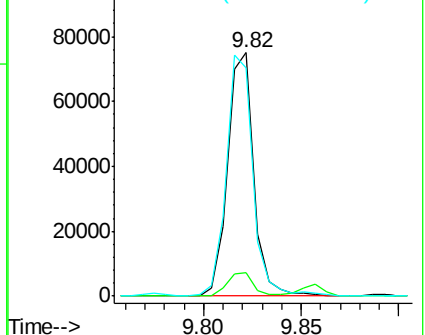
92 93.6 89.4 134.2

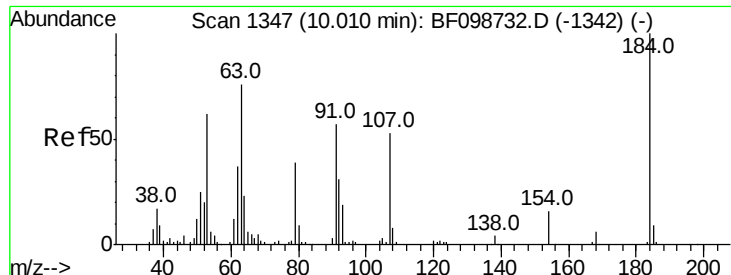


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

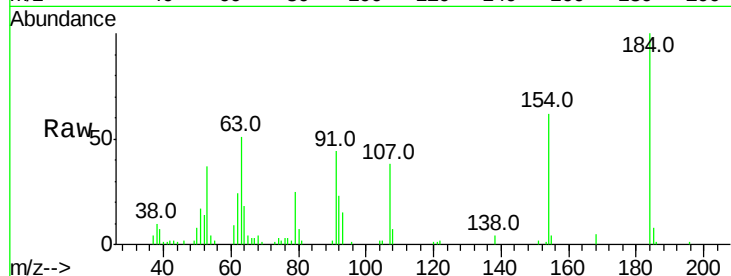




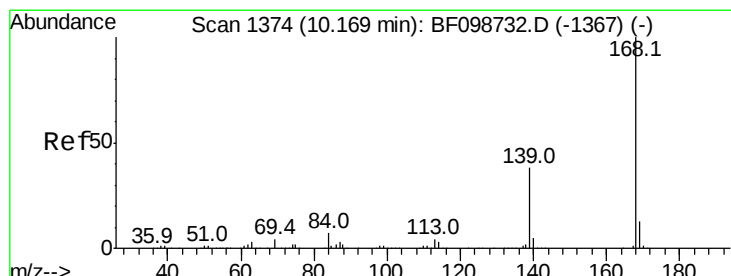
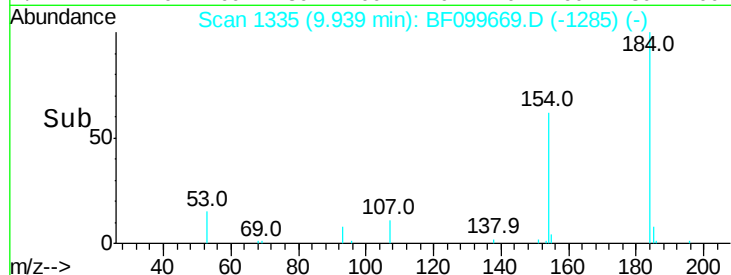
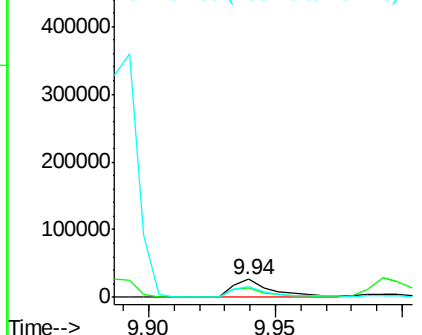
#53
2,4-Dinitrophenol
Concen: 24.495 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 28825
Ion Ratio Lower Upper
184 100
63 51.0 54.2 81.2#
154 62.0 53.5 80.3

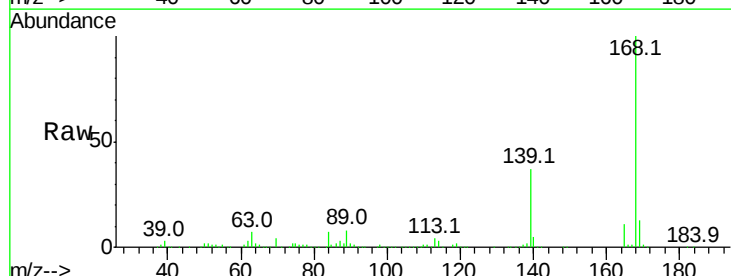


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

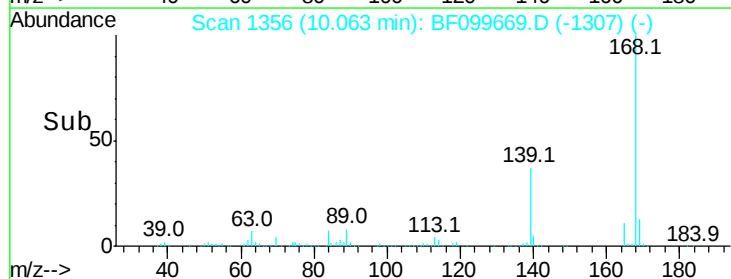
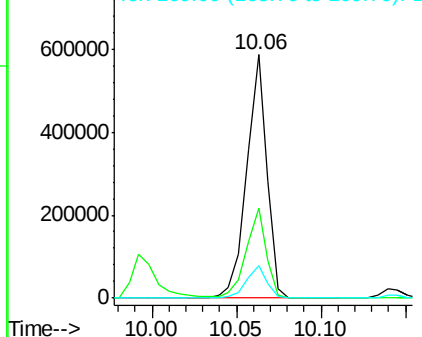


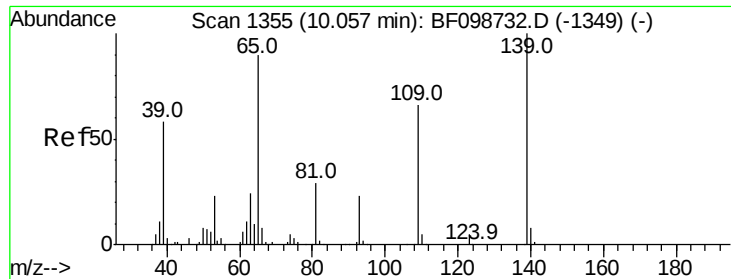
#54
Dibenzofuran
Concen: 35.286 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:168 Resp: 491987
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.5 10.9 16.3



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

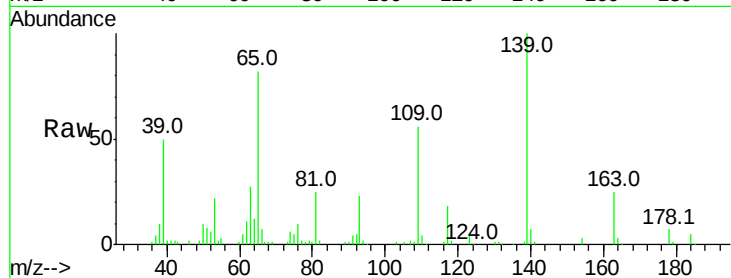




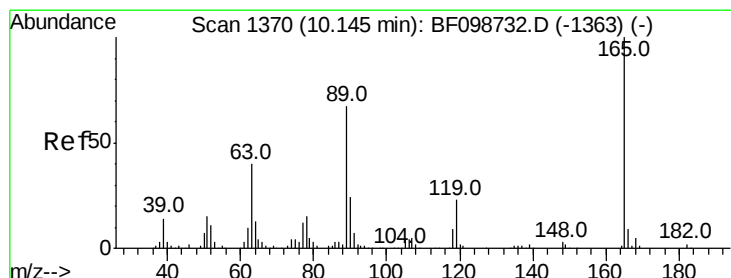
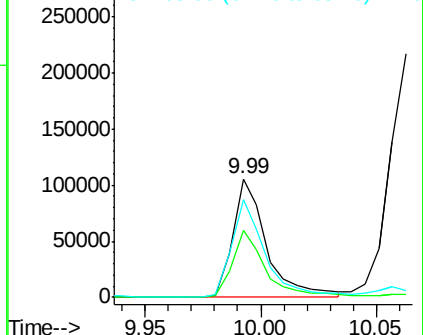
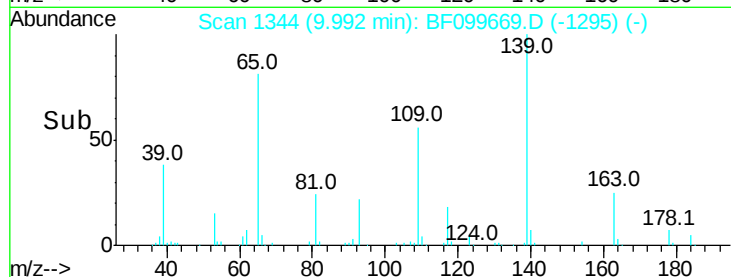
#55
4-Nitrophenol
Concen: 39.539 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 107196
Ion Ratio Lower Upper
139 100
109 56.4 48.4 88.4
65 82.5 72.6 112.6

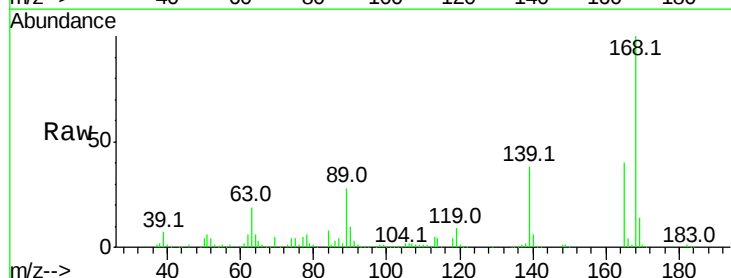


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

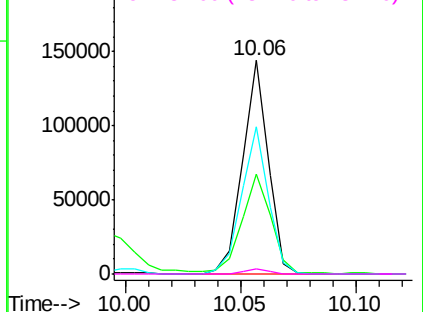
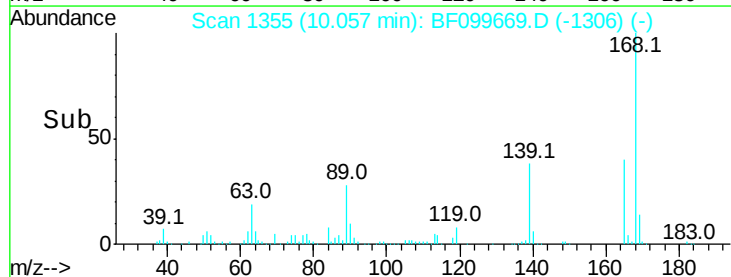


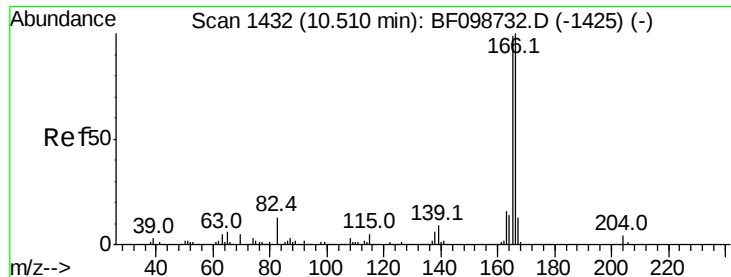
#56
2,4-Dinitrotoluene
Concen: 31.523 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:165 Resp: 112497
Ion Ratio Lower Upper
165 100
63 46.6 36.4 54.6
89 69.0 57.8 86.6
182 2.3 1.6 2.4



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.058 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

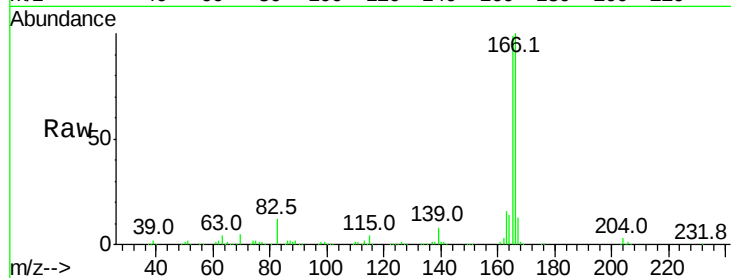
Tot Ion:166 Resp: 392886

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

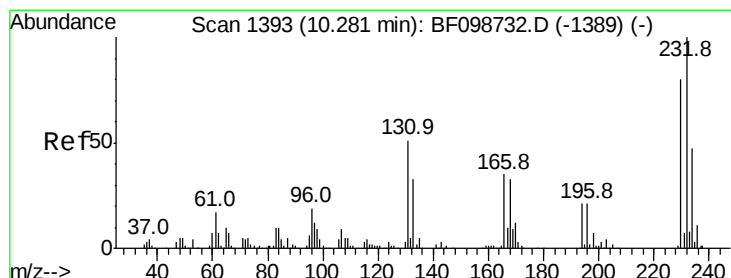
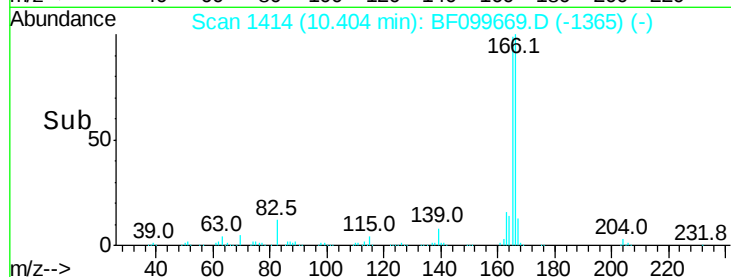
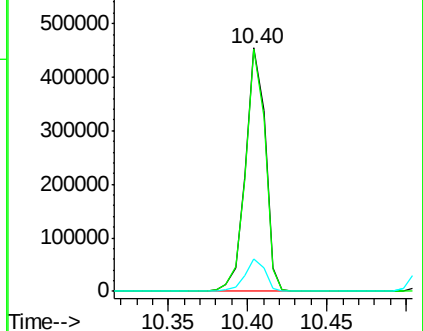
167 13.4 10.6 16.0



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: 32.830 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Tgt Ion:232 Resp: 80045

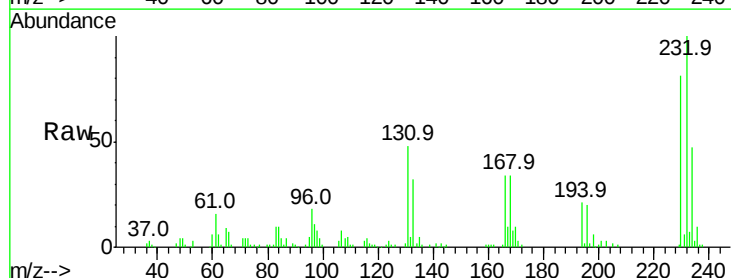
Ion Ratio Lower Upper

232 100

131 48.9 43.8 65.8

130 2.1 2.1 3.1

166 35.7 27.8 41.6

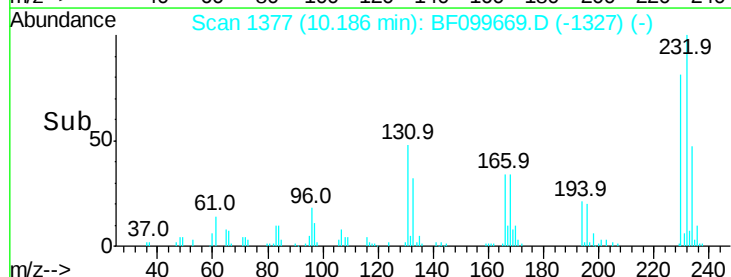
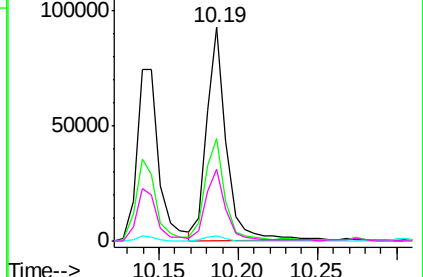


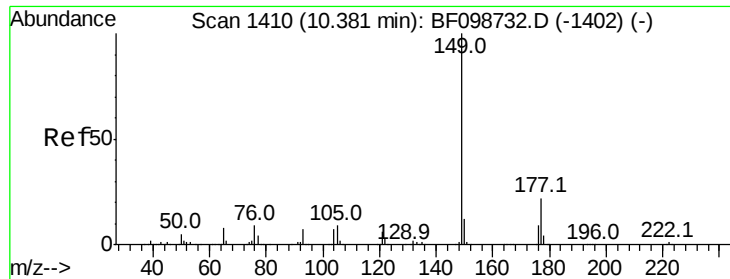
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

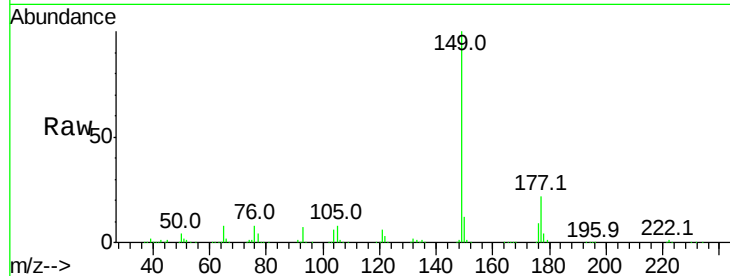




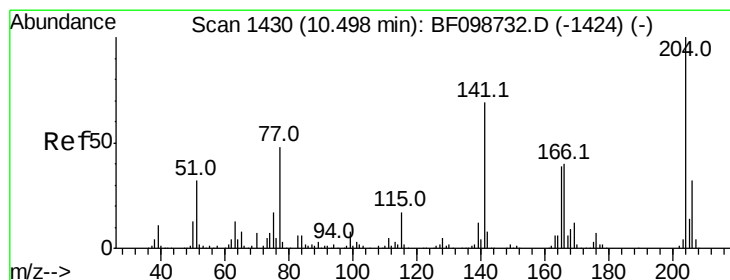
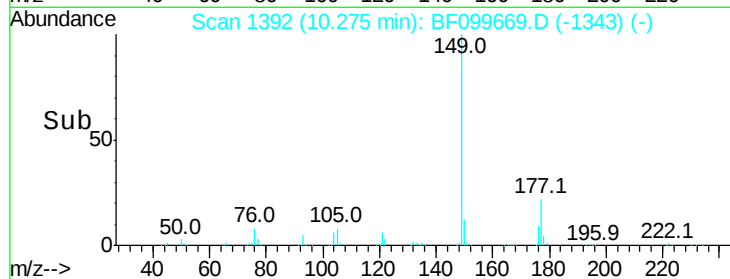
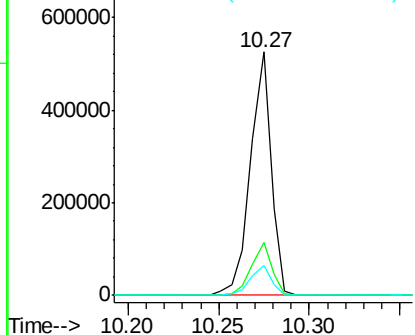
#59
Diethylphthalate
Concen: 34.109 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 420980
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.4 10.1 15.1

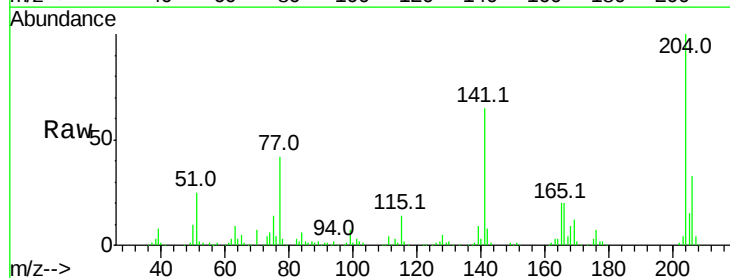


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

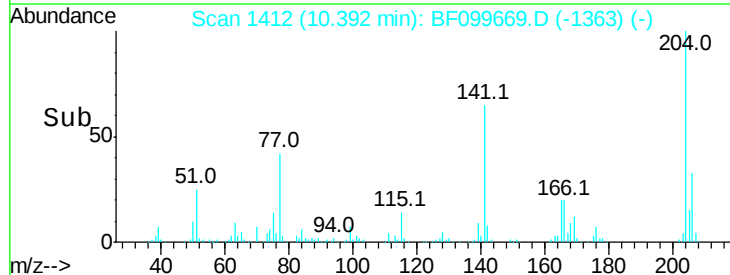
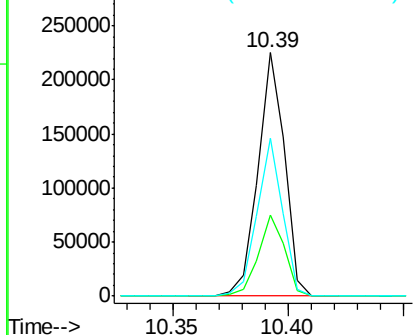


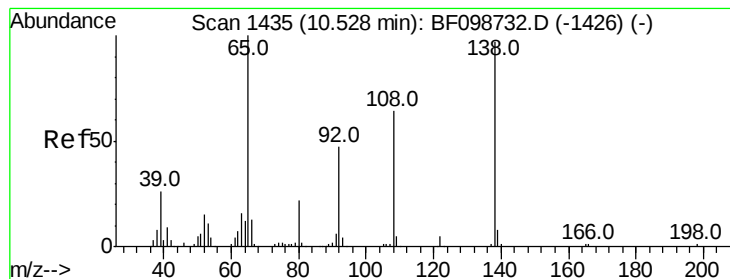
#60
4-Chlorophenyl-phenylether
Concen: 36.060 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:204 Resp: 181529
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.8 54.6 81.8



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





#61

4-Nitroaniline

Concen: 26.022 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

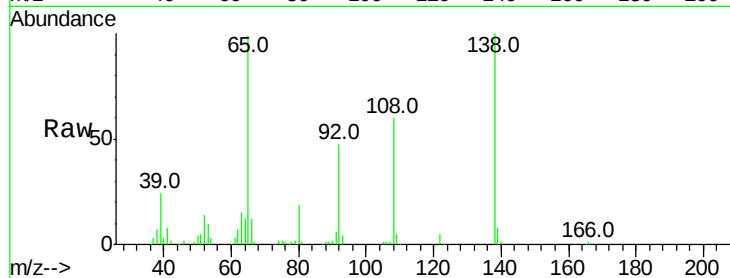
Tot Ion:138 Resp: 80494

Ion Ratio Lower Upper

138 100

92 47.2 30.2 70.2

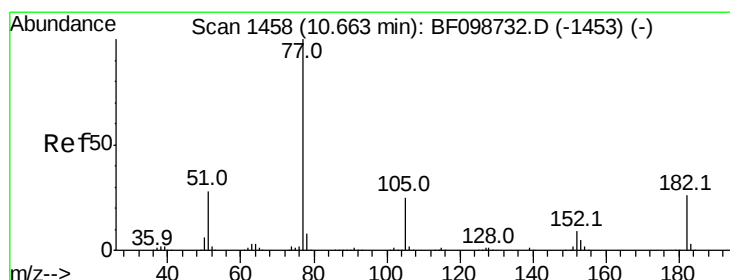
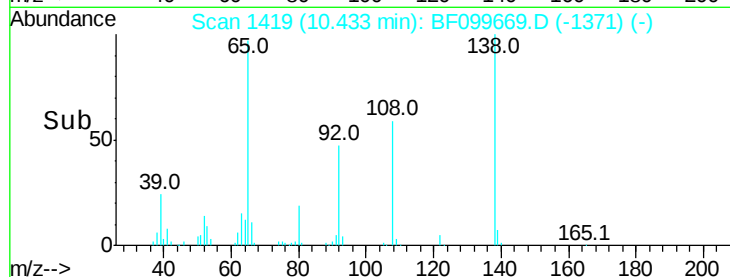
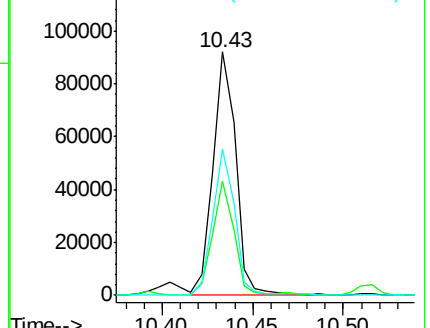
108 60.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.226 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Tgt Ion: 77 Resp: 365705

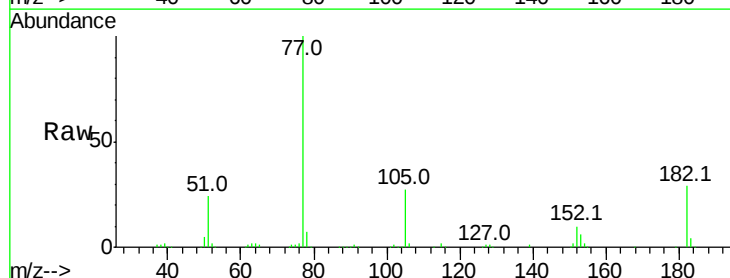
Ion Ratio Lower Upper

77 100

182 29.1 1.7 41.7

105 26.7 3.0 43.0

51 24.3 9.9 49.9

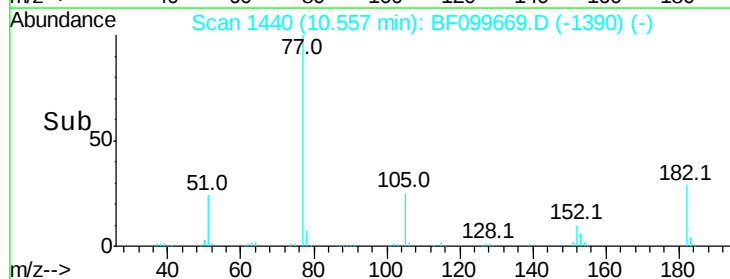
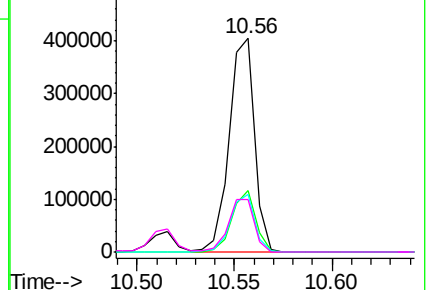


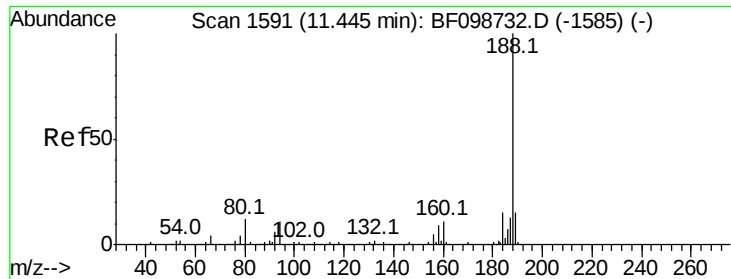
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

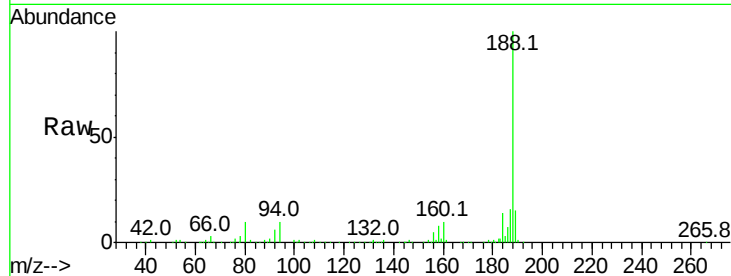




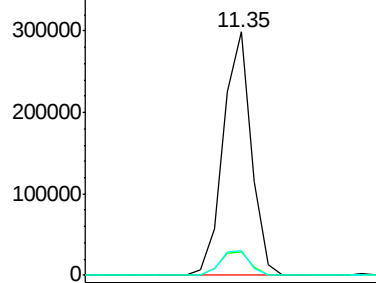
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

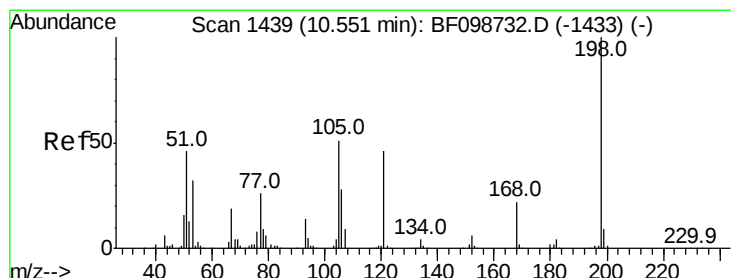
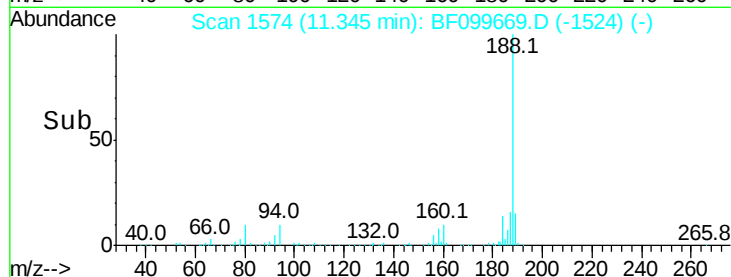
Tot Ion:188 Resp: 253247
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8



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

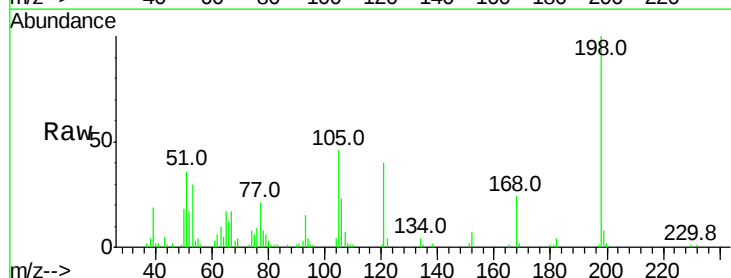


Time--> 11.30 11.35

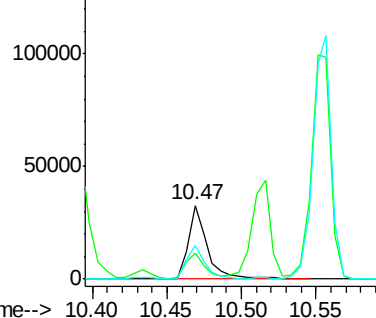


#64
4,6-Dinitro-2-methylphenol
Concen: 18.723 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

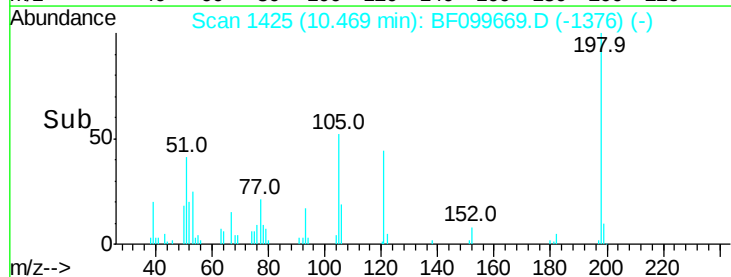
Tgt Ion:198 Resp: 28849
Ion Ratio Lower Upper
198 100
51 35.9 37.7 77.7#
105 45.6 36.3 76.3

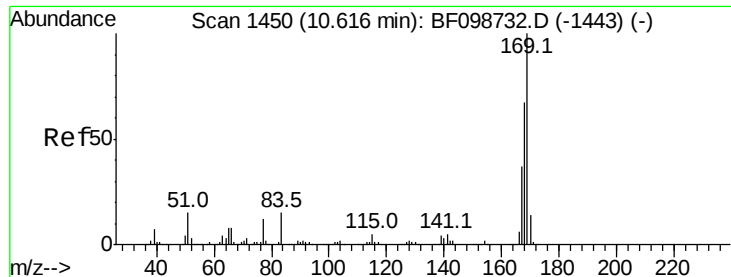


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



Time--> 10.40 10.45 10.50 10.55

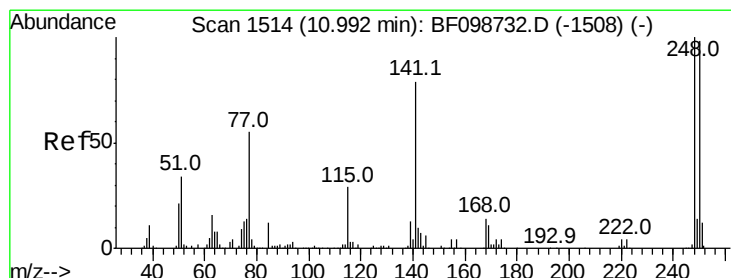
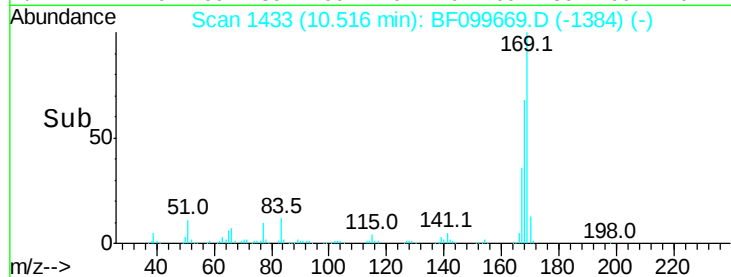
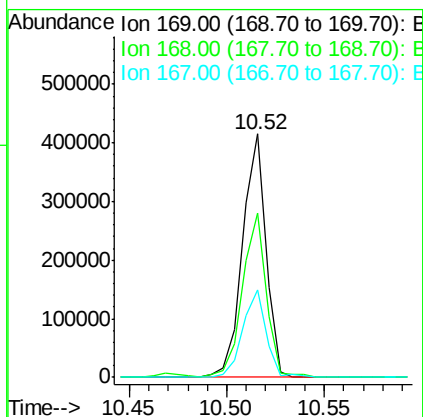
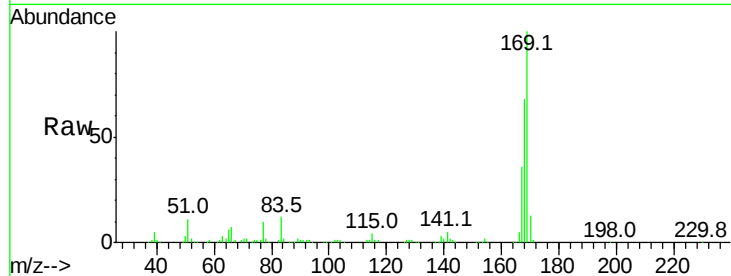




#65
n-Nitrosodiphenylamine
Concen: 39.461 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

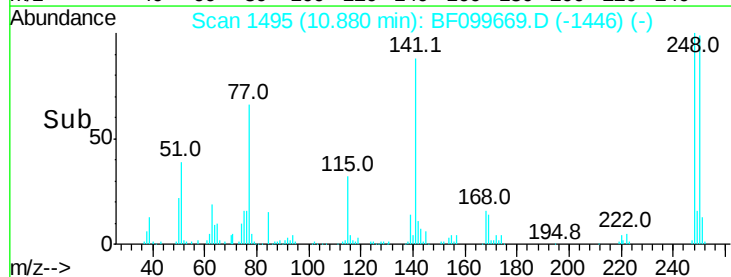
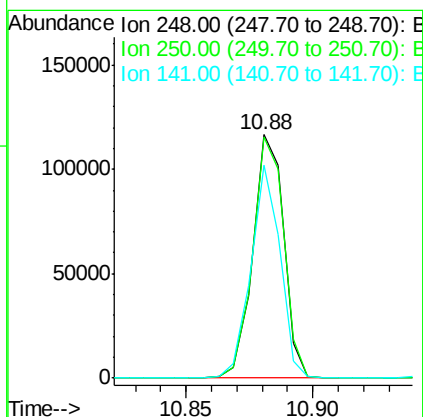
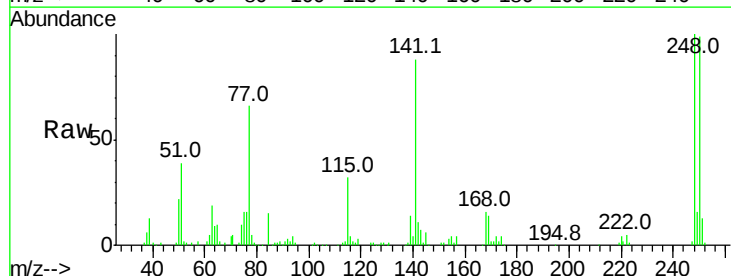
Instrument :
BNA_F
ClientSampleId :

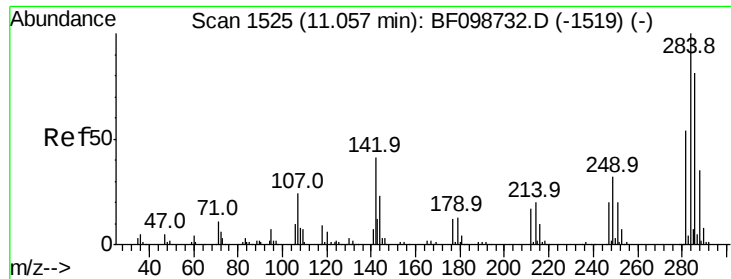
Tot Ion:169 Resp: 346201
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 36.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.212 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:248 Resp: 99680
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 87.6 74.4 111.6

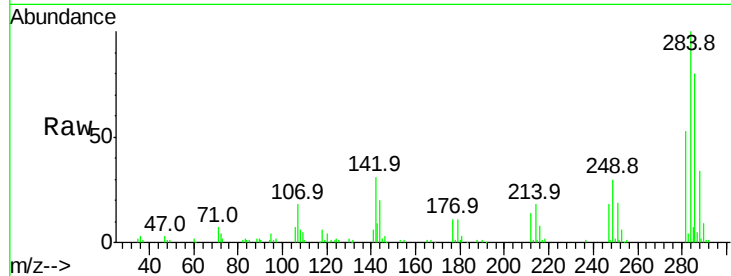




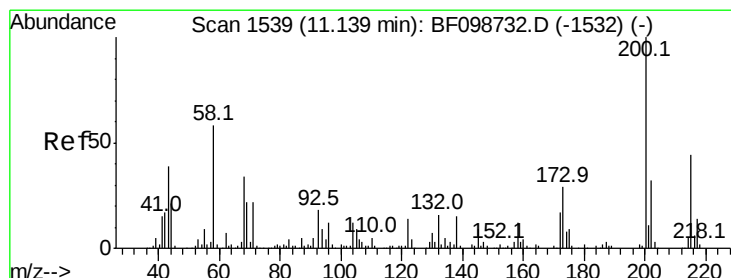
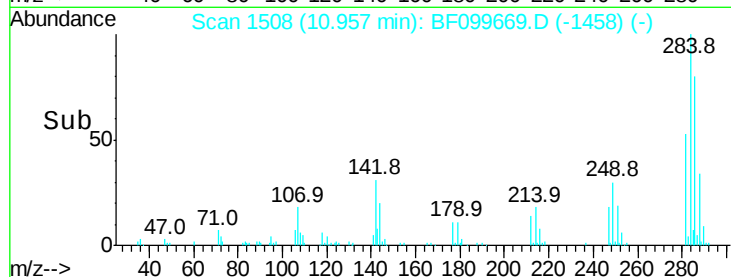
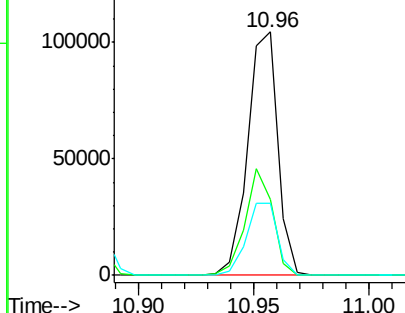
#67
Hexachlorobenzene
Concen: 36.149 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 95705
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 29.9 24.8 37.2

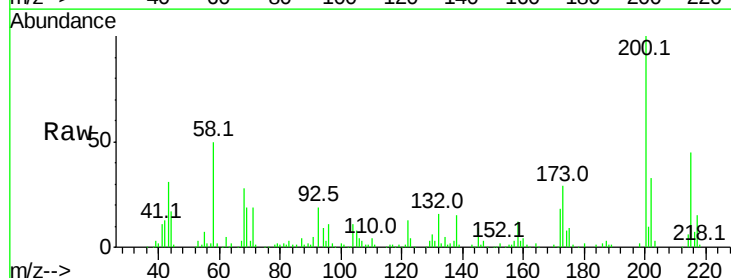


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

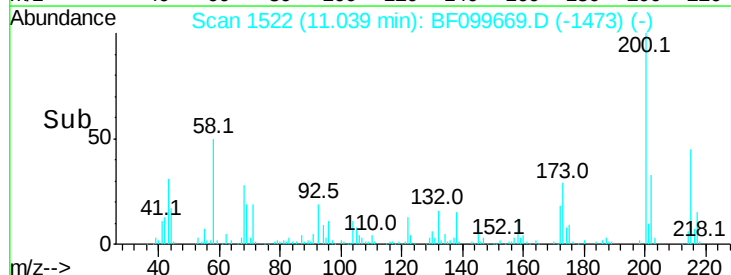
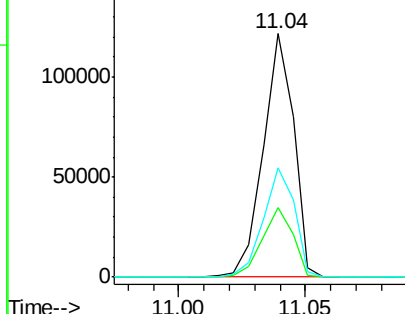


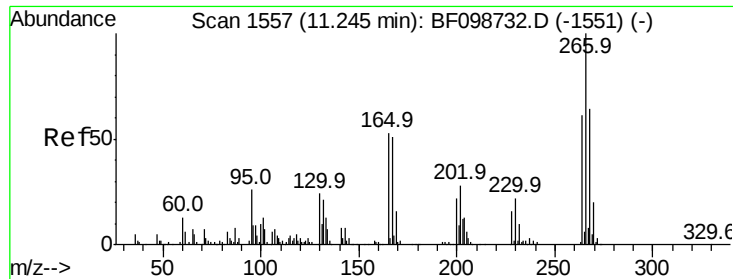
#68
Atrazine
Concen: 39.008 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:200 Resp: 102965
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 44.6 25.1 65.1



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

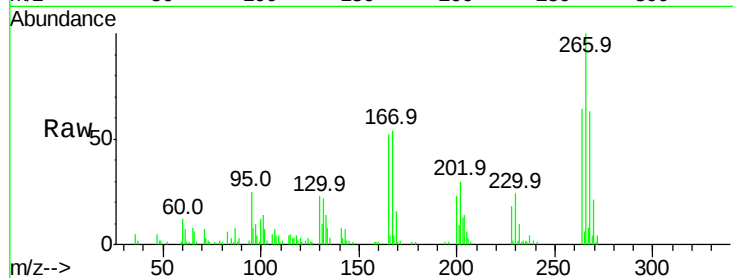




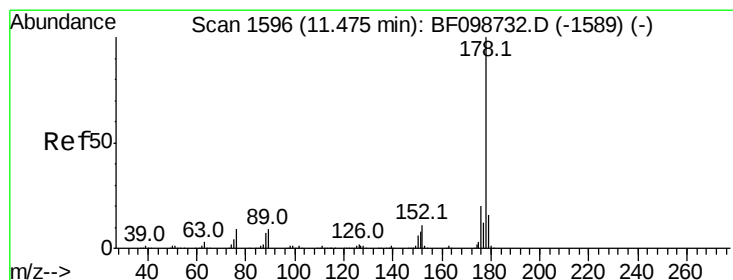
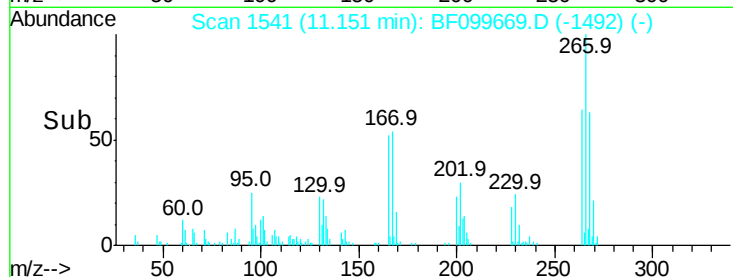
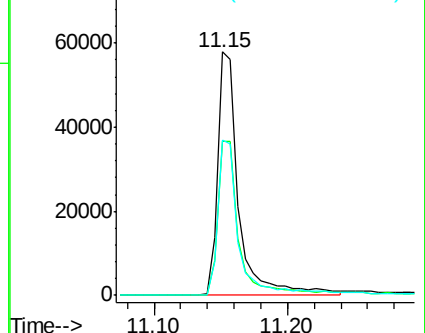
#69
 Pentachlorophenol
 Concen: 39.347 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 64833
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.7 49.5 74.3

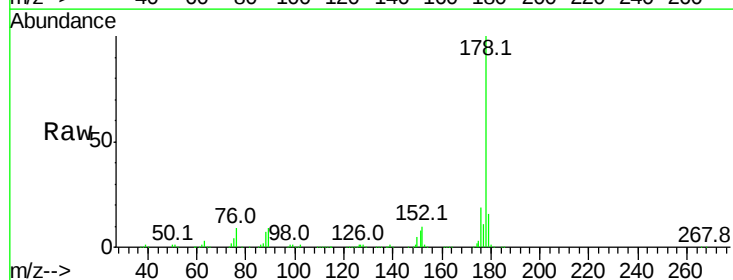


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

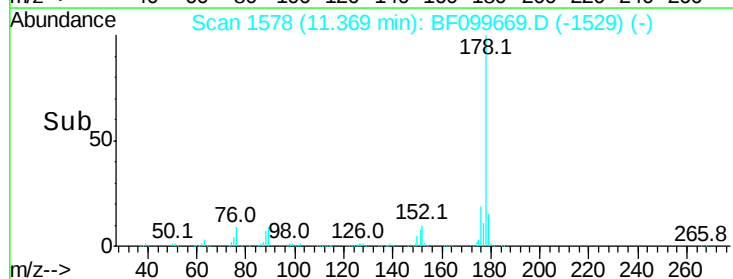
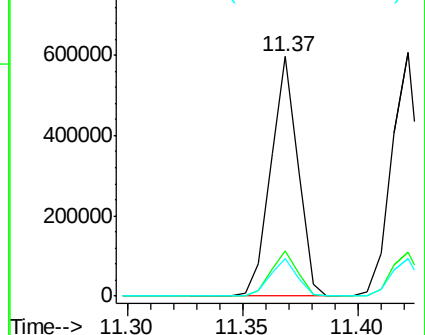


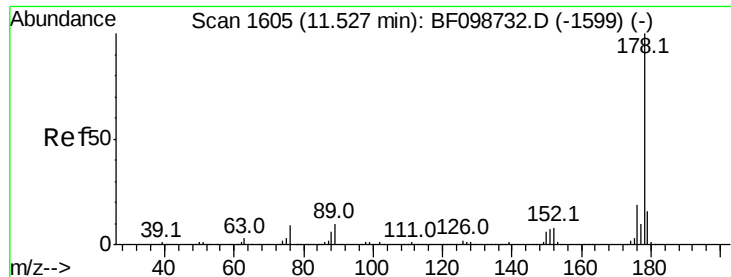
#70
 Phenanthrene
 Concen: 35.978 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:178 Resp: 487702
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 13.0 19.6



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

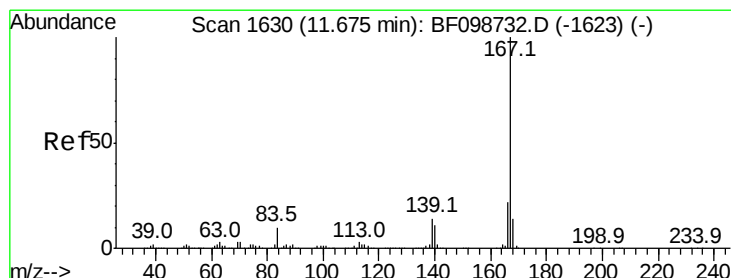
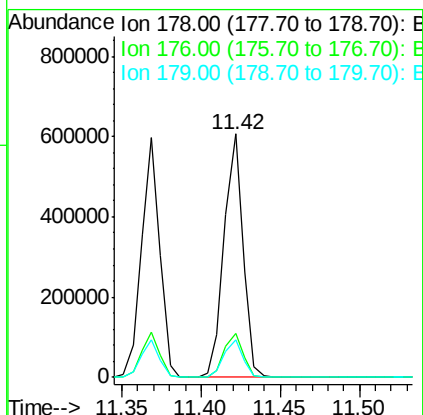
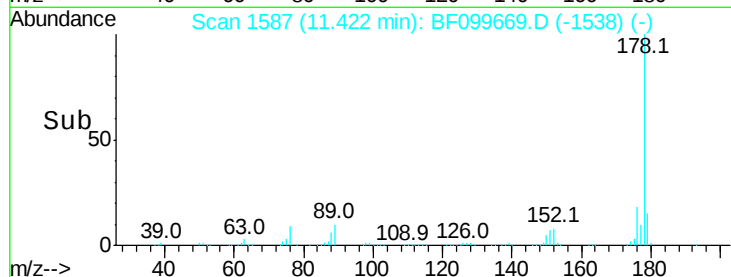
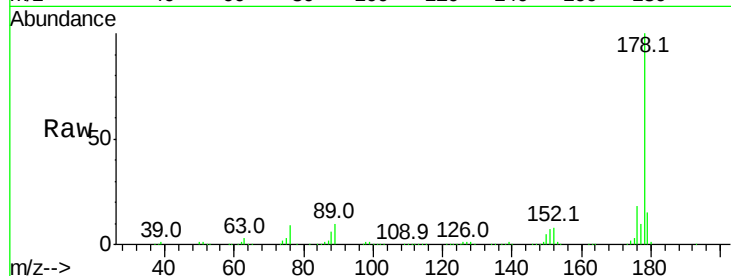




#71
 Anthracene
 Concen: 36.347 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

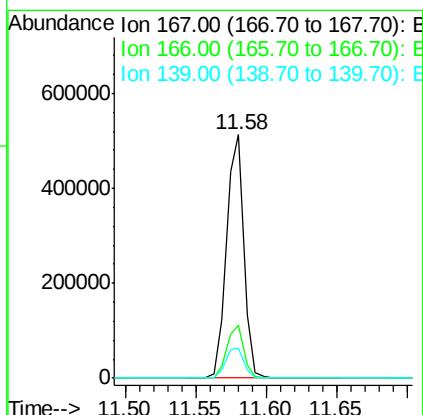
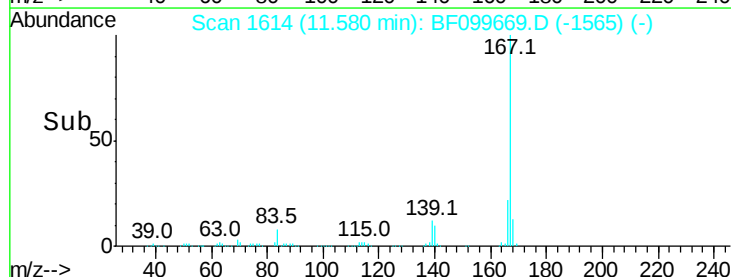
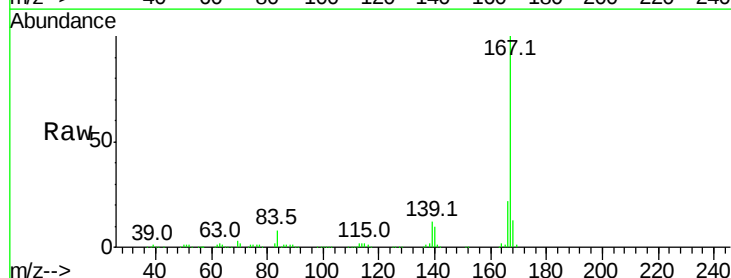
Instrument :
 BNA_F
 ClientSampleId :

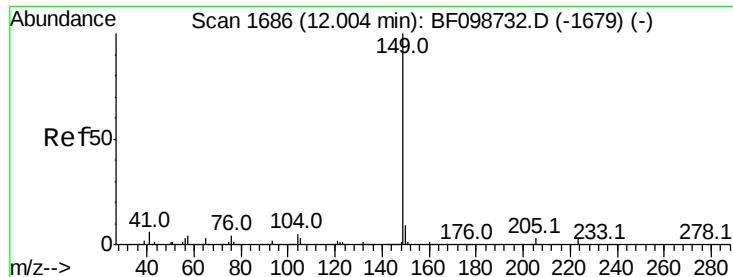
Tot Ion:178 Resp: 504130
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 32.041 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:167 Resp: 435198
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.320 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

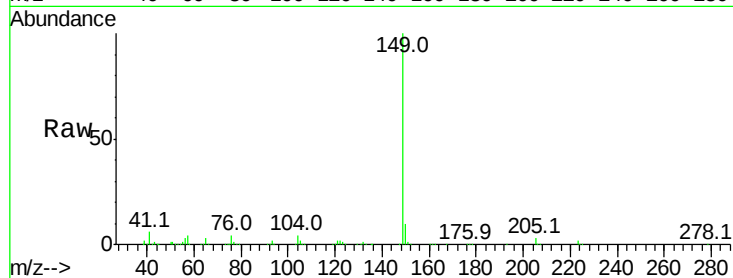
Tot Ion:149 Resp: 610132

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

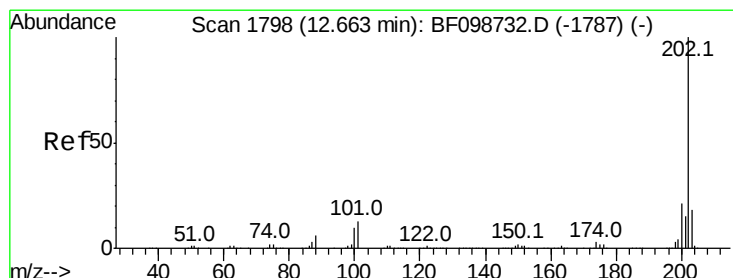
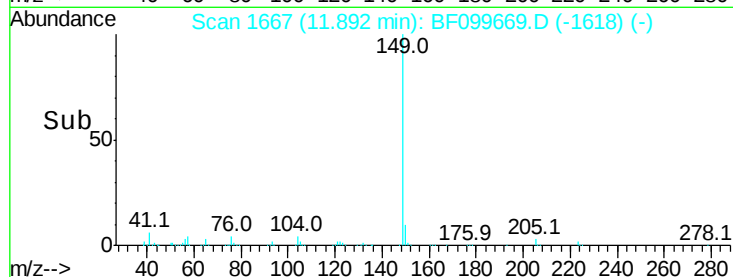
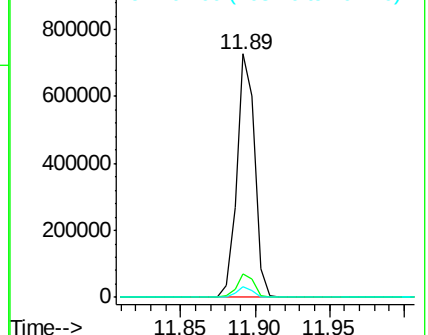
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.506 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

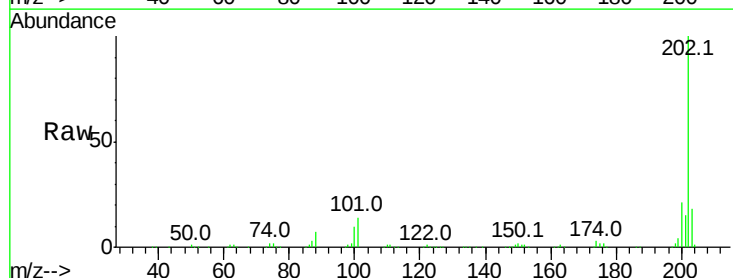
Tgt Ion:202 Resp: 418745

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

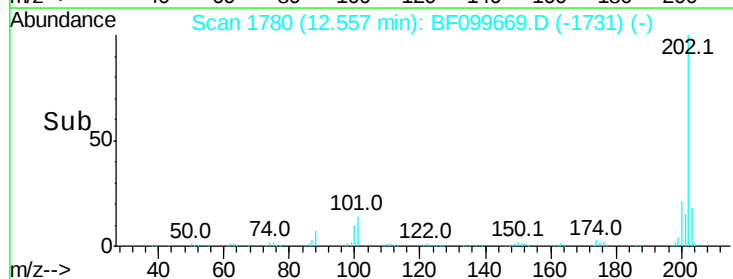
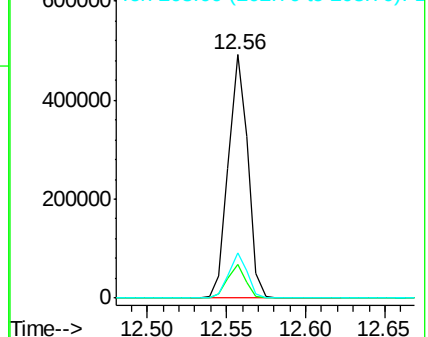
203 18.3 0.0 38.1

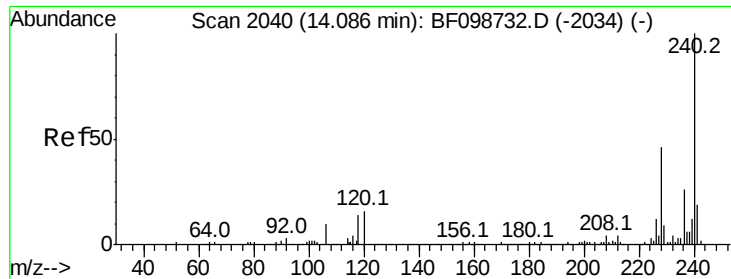


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

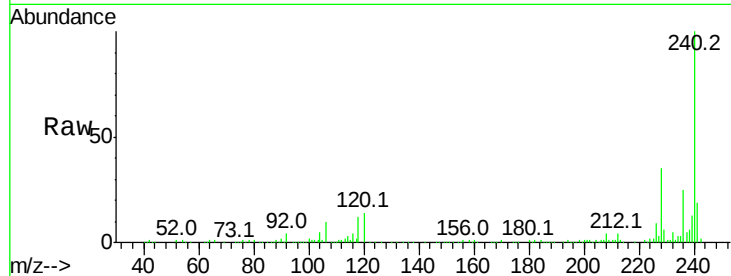
Tot Ion:240 Resp: 157127

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

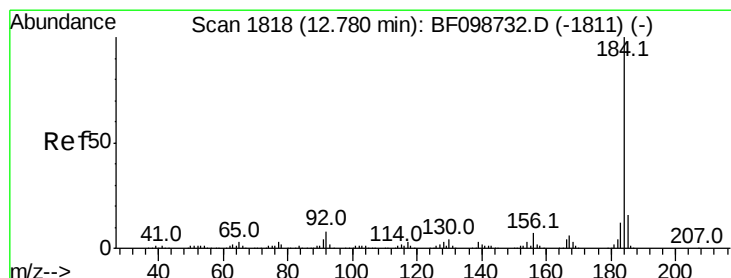
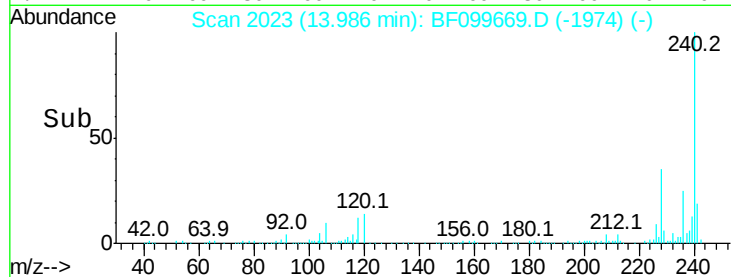
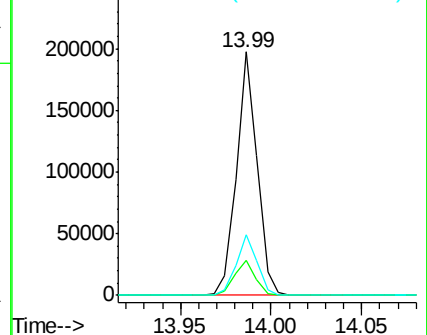
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.171 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

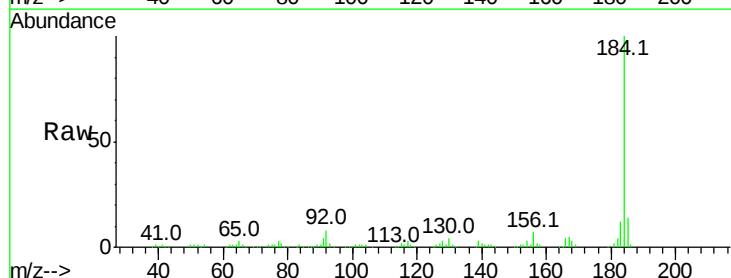
Tgt Ion:184 Resp: 216020

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

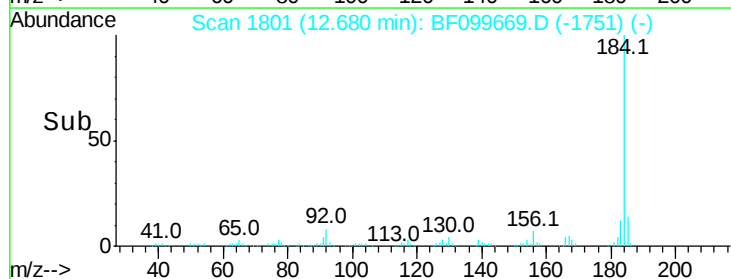
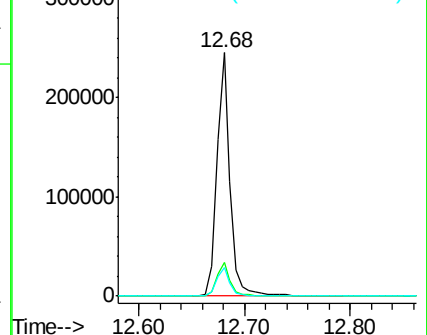
183 11.7 9.3 13.9

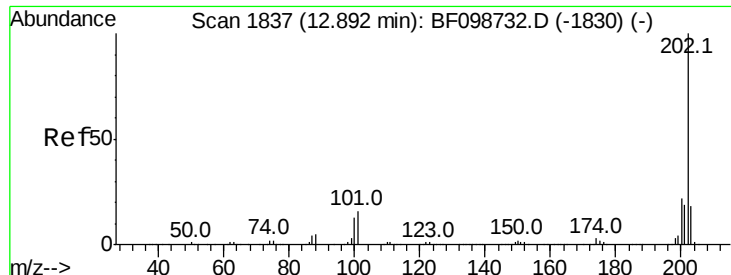


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

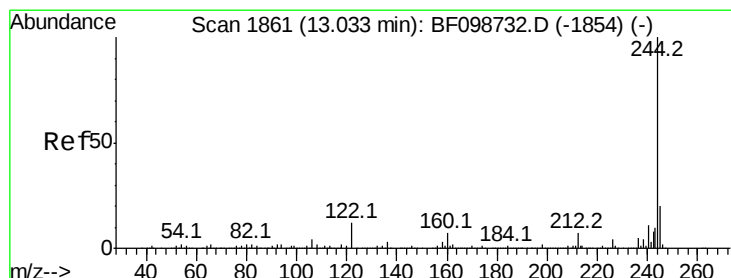
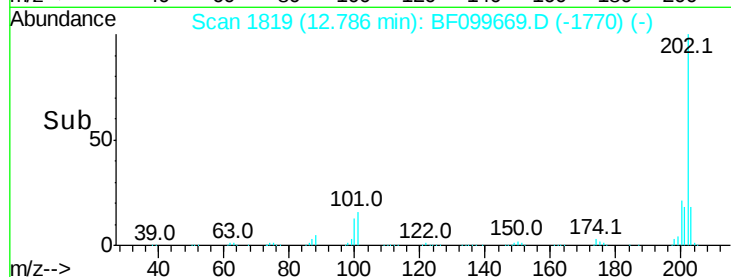
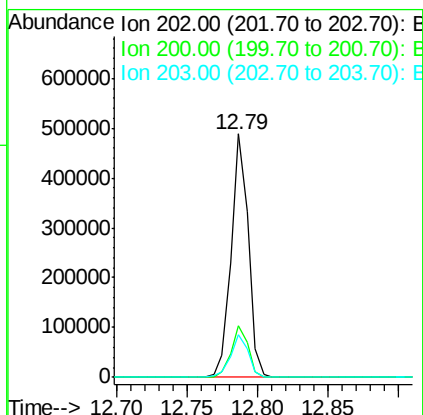
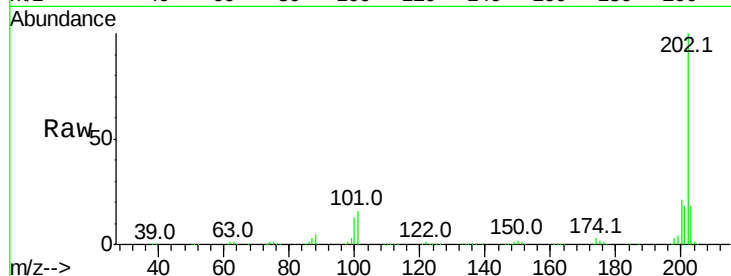




#77
 Pvrene
 Concen: 34.458 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

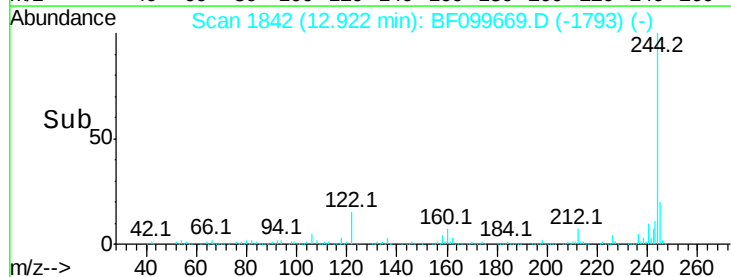
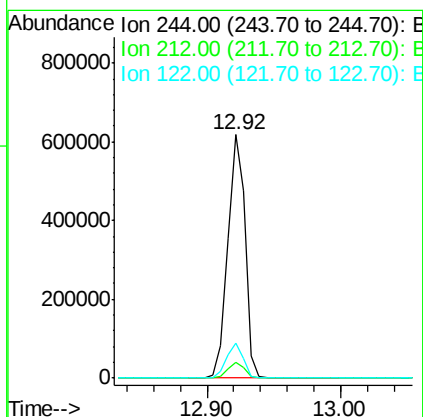
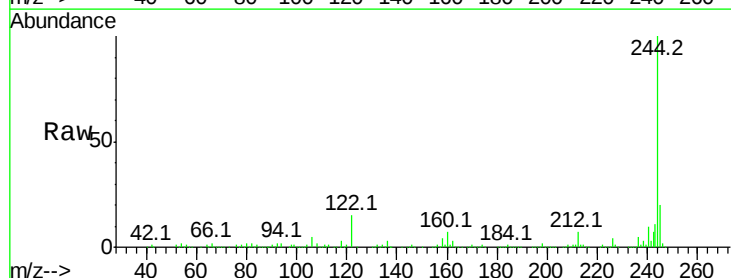
Instrument :
 BNA_F
 ClientSampleId :

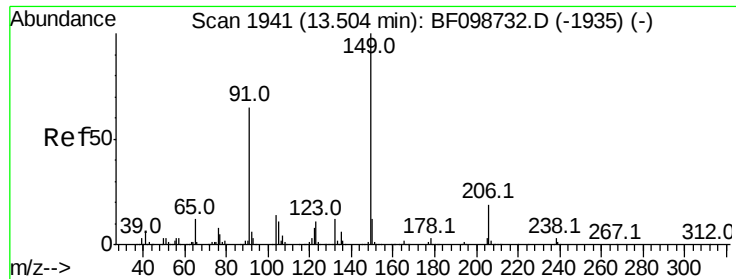
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 81.883 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.5	11.0	16.4

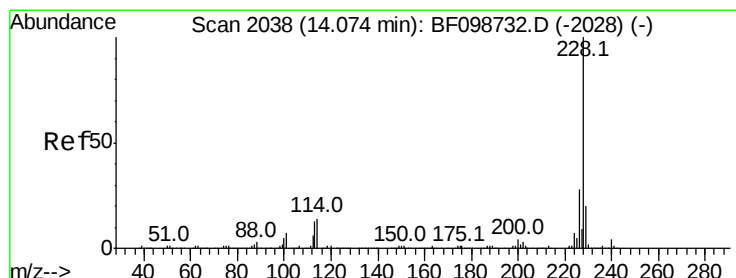
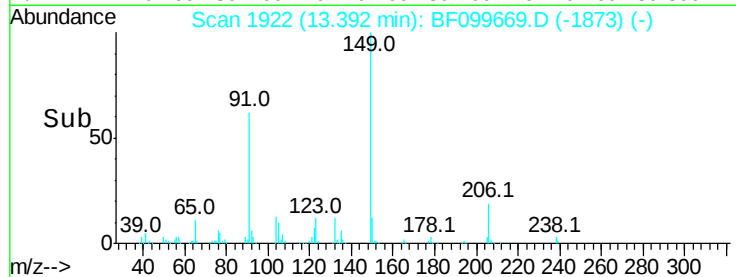
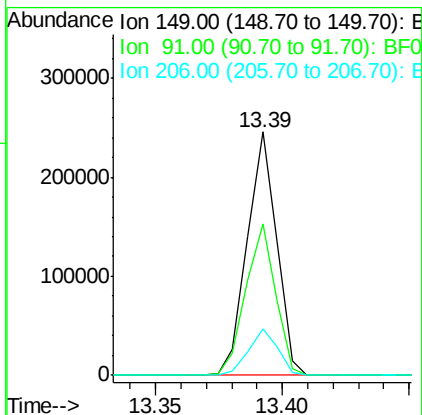
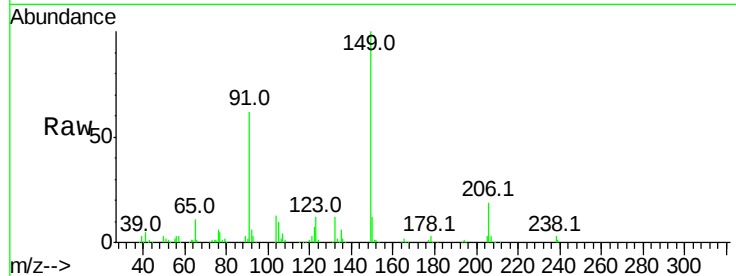




#79
 Butylbenzylphthalate
 Concen: 35.323 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

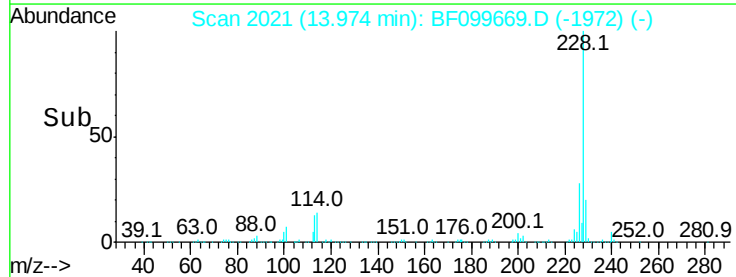
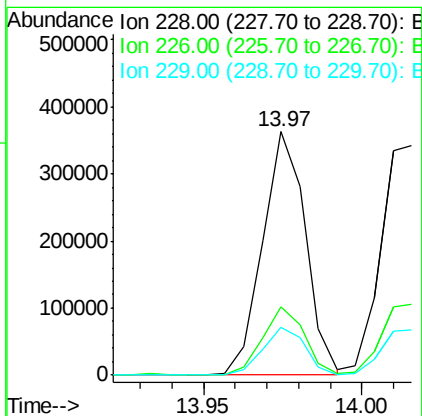
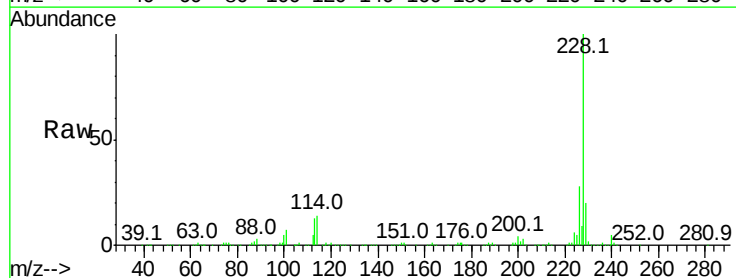
Instrument :
 BNA_F
 ClientSampleId :

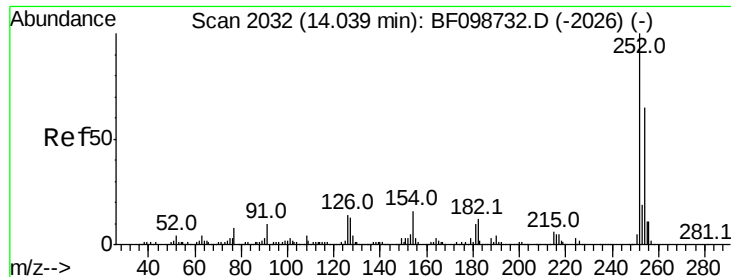
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.3	56.8	85.2
206	18.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 35.820 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.8	23.6

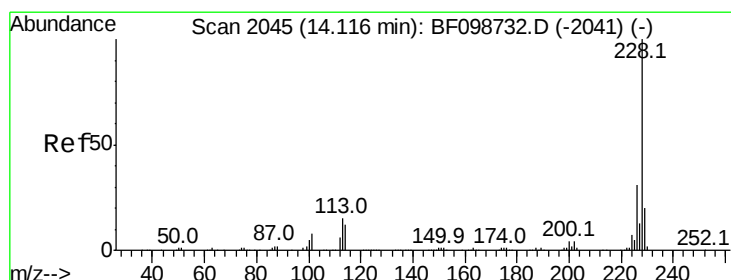
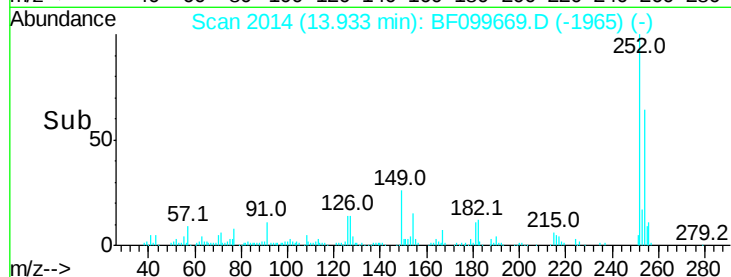
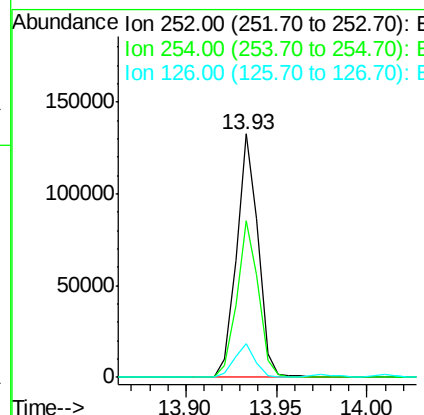
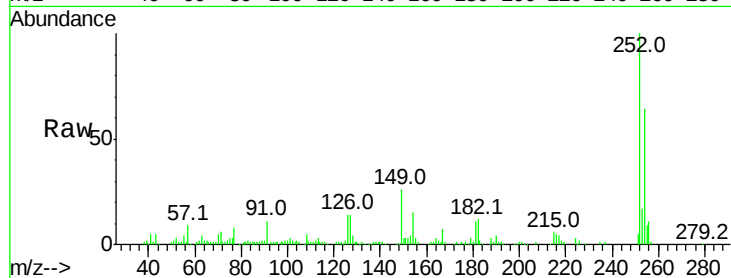




#81
 3,3'-Dichlorobenzidine
 Concen: 31.429 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

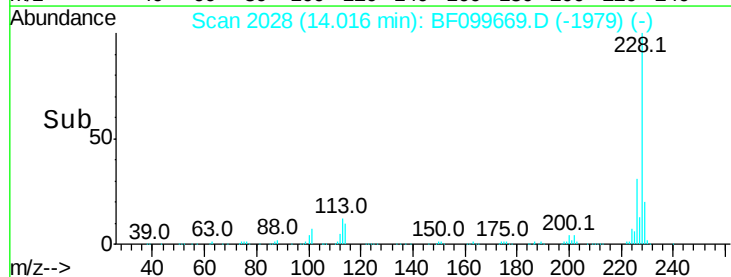
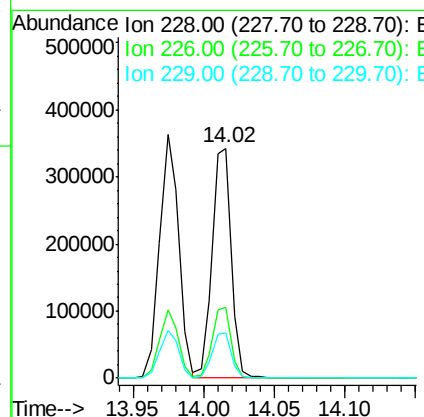
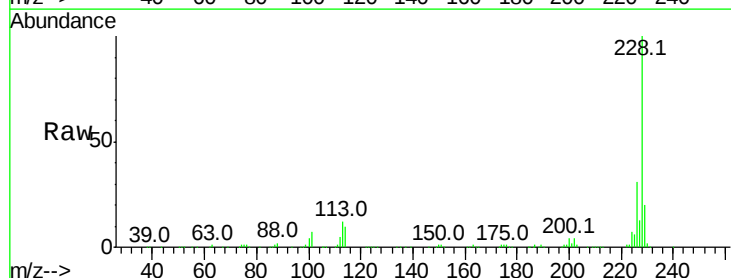
Instrument :
 BNA_F
 ClientSampleId :

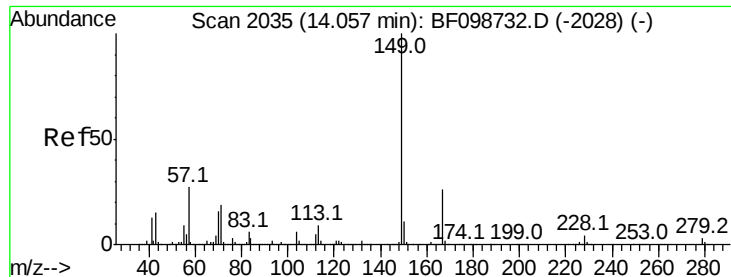
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 35.914 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.6	16.2	24.4

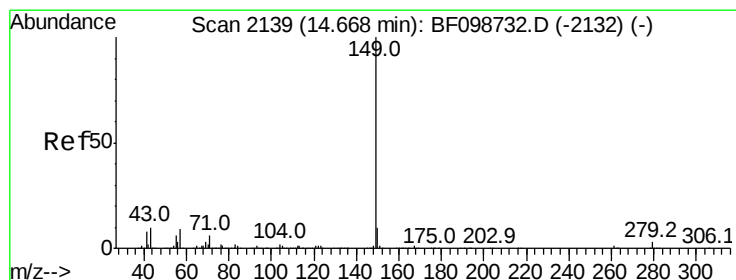
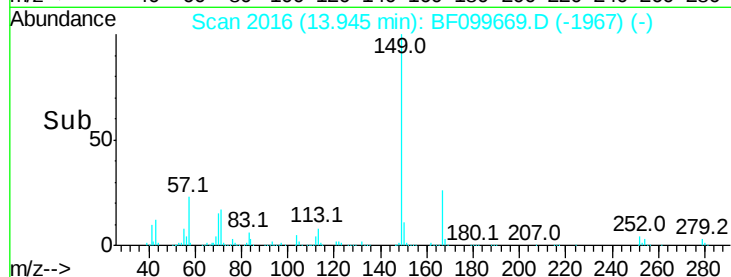
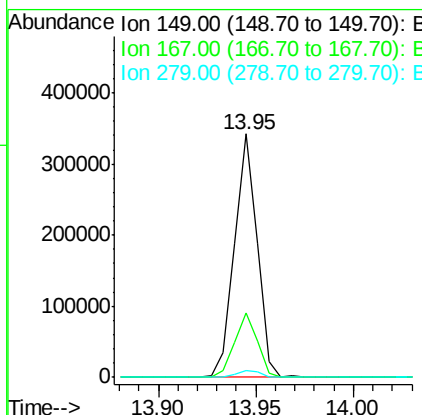
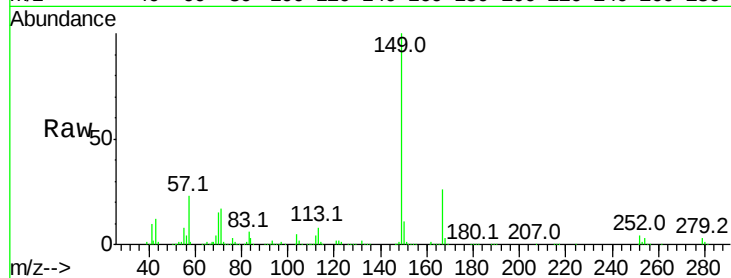




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.598 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

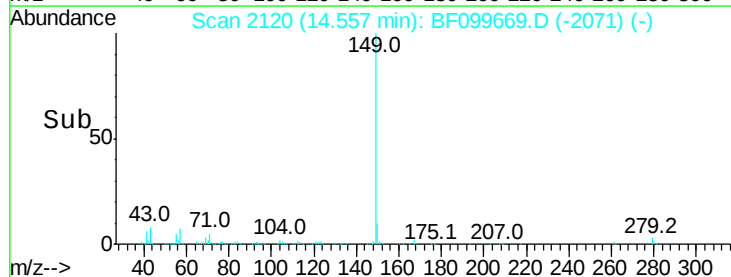
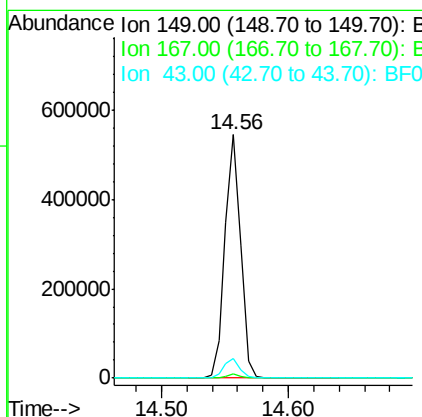
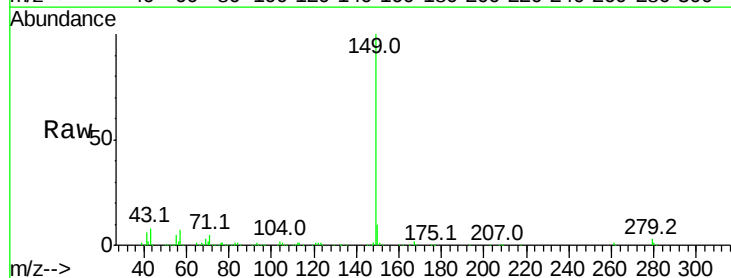
Instrument :
 BNA_F
 ClientSampleId :

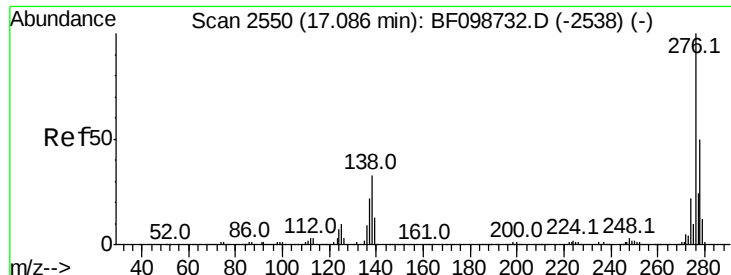
Tot Ion:149 Resp: 276015
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 37.508 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion:149 Resp: 468283
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 8.4 12.6#

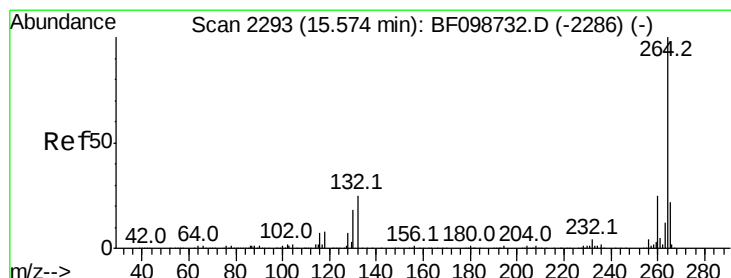
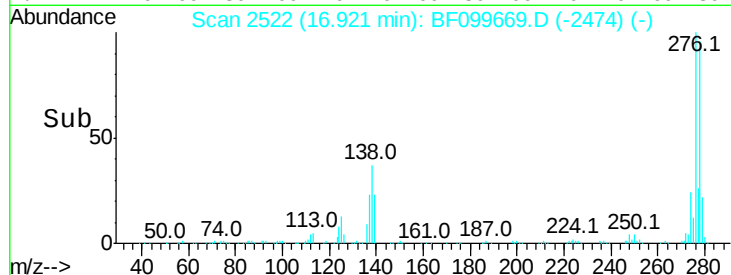
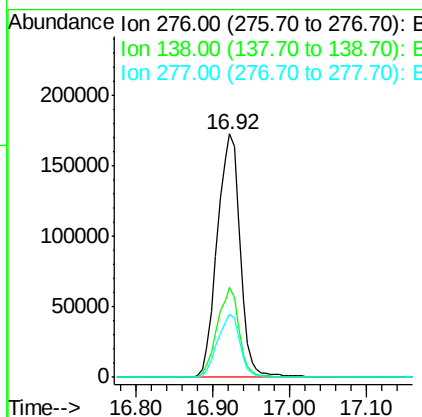
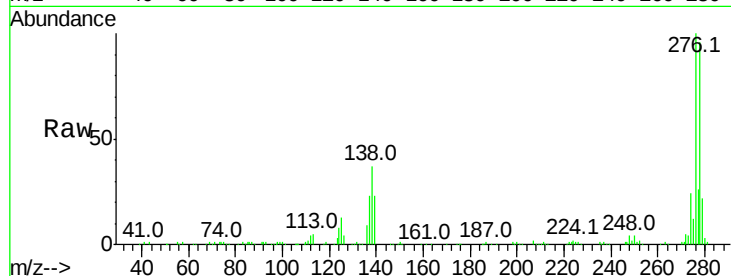




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.122 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.02 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

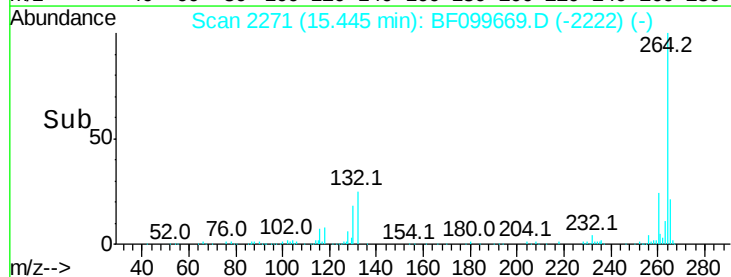
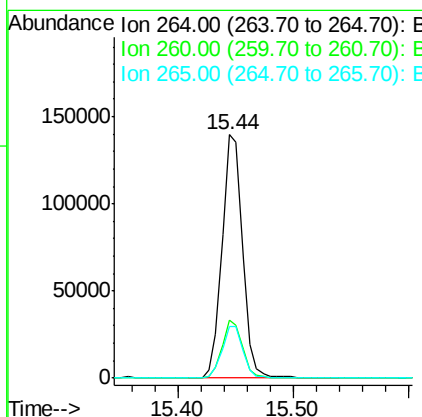
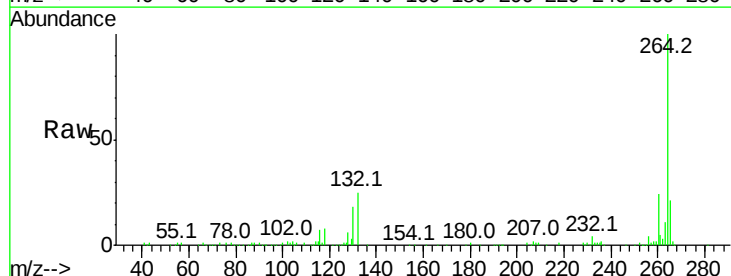
Instrument :
 BNA_F
 ClientSampleId :

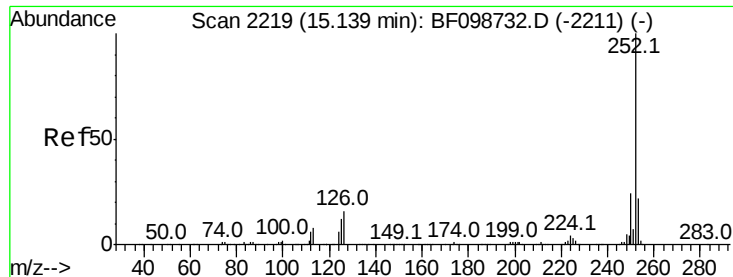
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099669.D
 Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

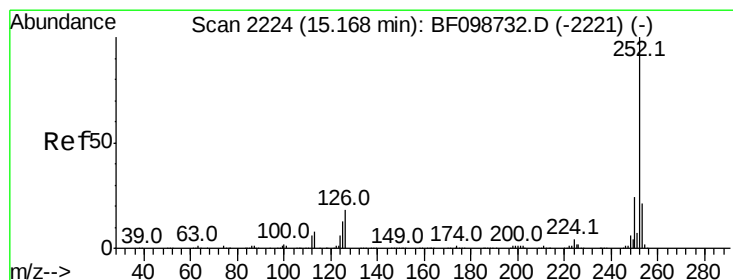
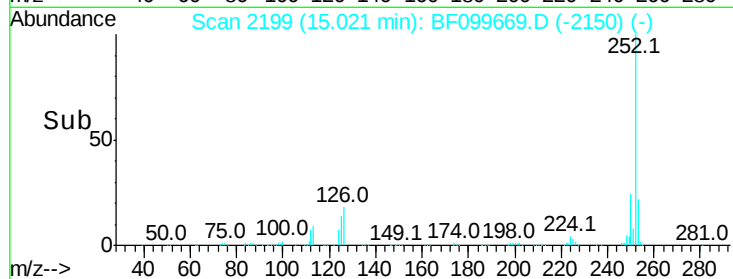
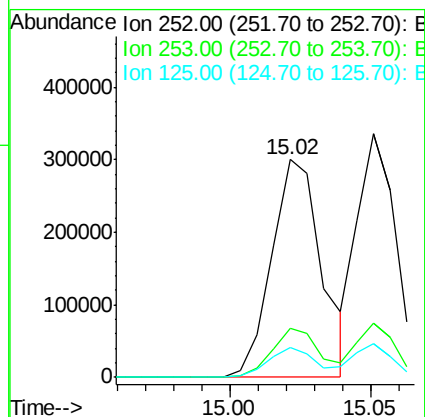
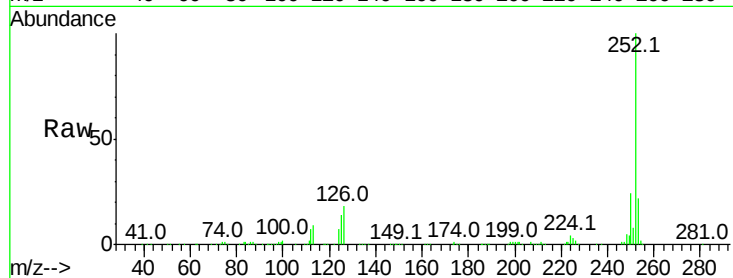




#87
Benzo(b)fluoranthene
Concen: 34.782 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

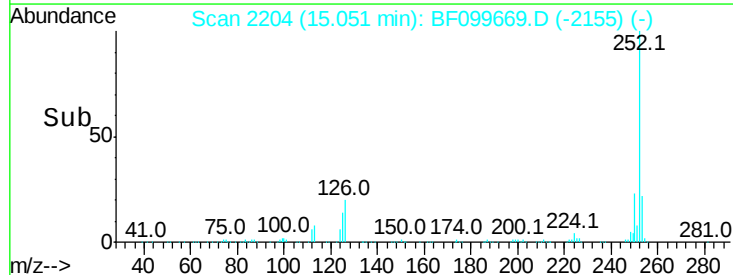
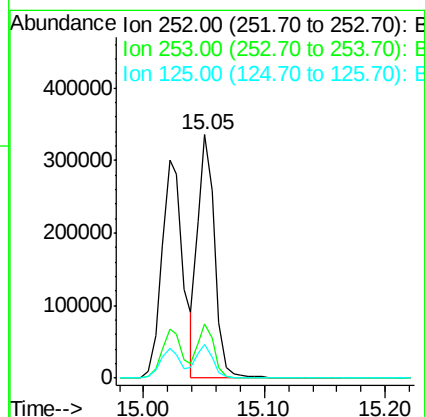
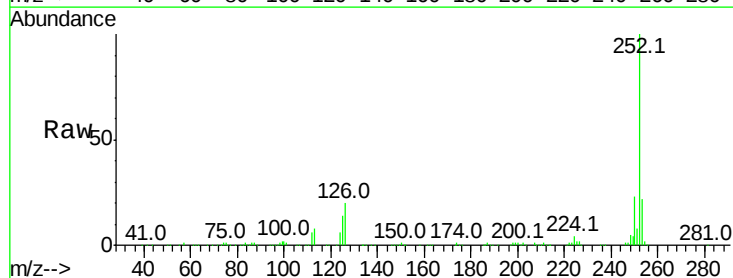
Instrument :
BNA_F
ClientSampleId :

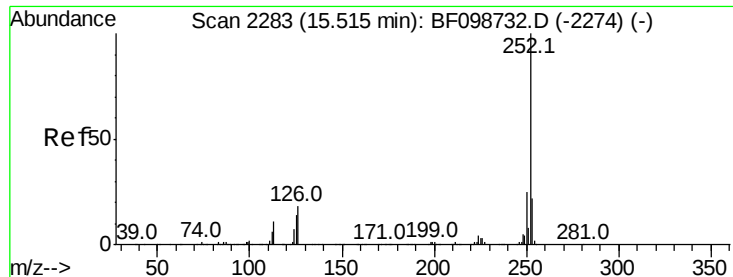
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.9	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 30.905 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.7	10.2	15.2

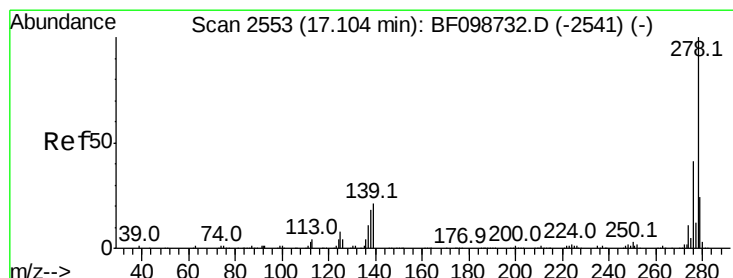
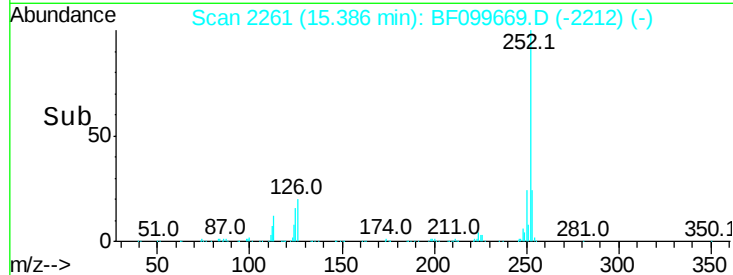
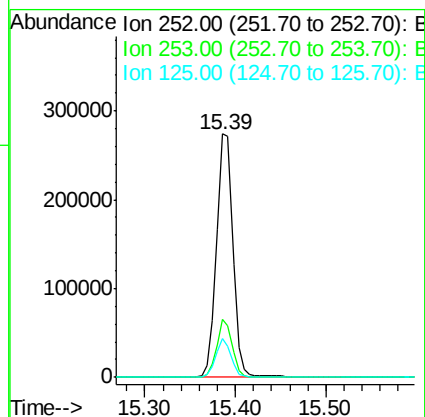
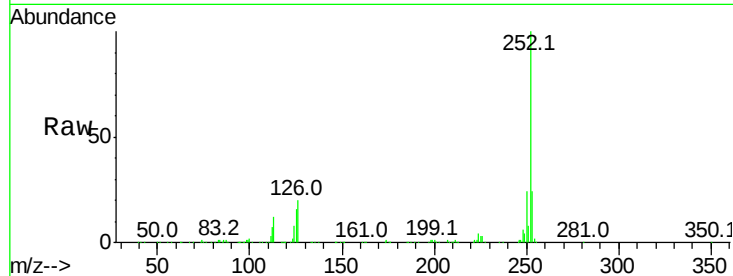




#89
Benzo(a)pyrene
Concen: 35.493 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

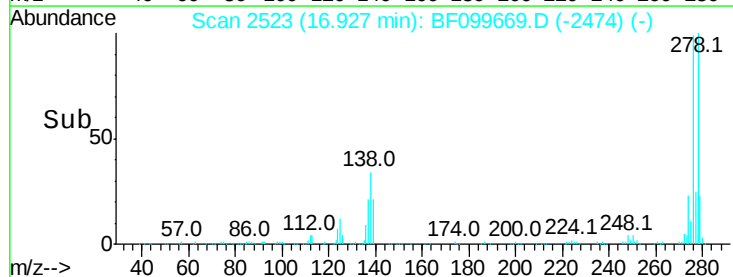
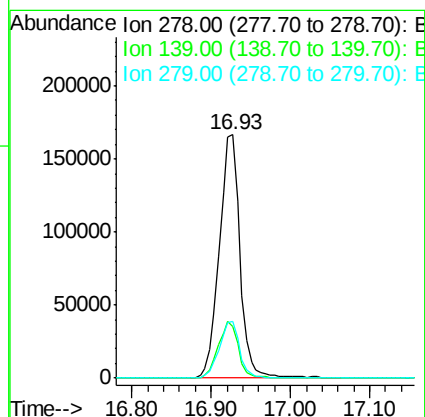
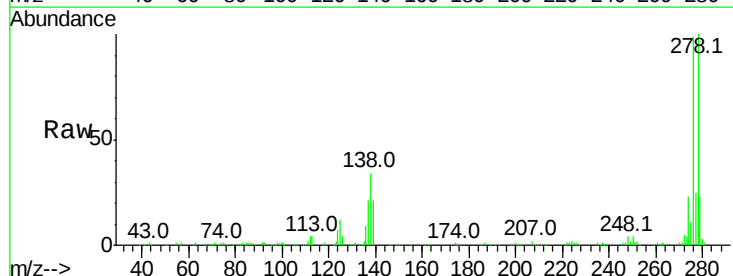
Instrument :
BNA_F
ClientSampleId :

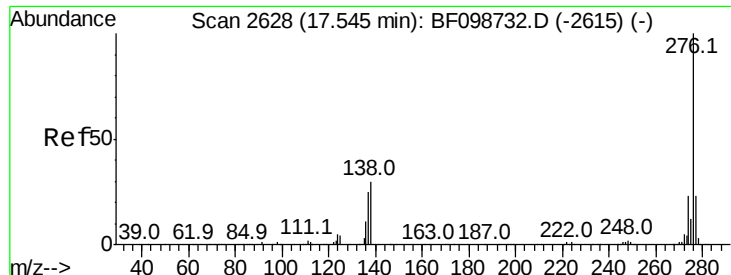
Tot Ion:252 Resp: 345797
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 16.0 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 38.681 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099669.D
Acq: 19 Oct 2017 20:55

Tgt Ion:278 Resp: 301589
Ion Ratio Lower Upper
278 100
139 21.3 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.354 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BF099669.D

Acq: 19 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

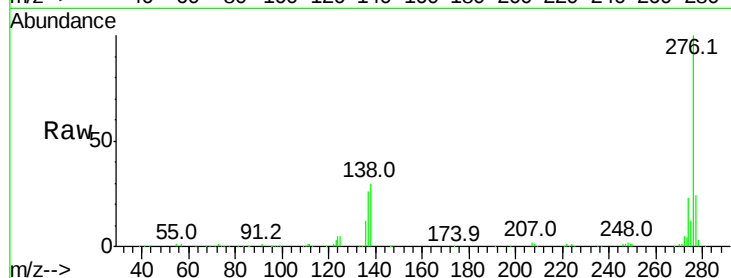
Tot Ion:276 Resp: 287889

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

