

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099693.D
 Acq On : 20 Oct 2017 11:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 17:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103624	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	428391	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193861	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	341575	20.00	ng	0.00
75) Chrysene-d12	13.98	240	239172	20.00	ng	0.00
86) Perylene-d12	15.44	264	177495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	543775	83.54	ng	0.00
7) Phenol-d6	6.46	99	646856	80.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	517861	77.52	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	134521	84.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	988872	85.16	ng	0.00
78) Terphenyl-d14	12.92	244	906607	86.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	122283	39.326	ng	91
3) Pyridine	3.33	79	315813	37.544	ng	91
4) n-Nitrosodimethylamine	3.29	42	114137	31.998	ng	# 78
6) Aniline	6.49	93	410063	37.836	ng	98
8) 2-Chlorophenol	6.60	128	306703	41.606	ng	93
9) Benzaldehyde	6.37	77	146562	31.464	ng	92
10) Phenol	6.47	94	374594	41.711	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	276207	39.561	ng	93
12) 1,3-Dichlorobenzene	6.76	146	325209	42.124	ng	96
13) 1,4-Dichlorobenzene	6.83	146	329450	41.942	ng	97
14) 1,2-Dichlorobenzene	6.99	146	299602	41.280	ng	97
15) Benzyl Alcohol	6.96	79	194121	32.952	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	347332	31.931	ng	73
17) 2-Methylphenol	7.07	107	233699	38.745	ng	98
18) Hexachloroethane	7.32	117	111402	39.458	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	172660	33.677	ng	91
20) 3+4-Methylphenols	7.23	107	278234	36.463	ng	# 69
22) Acetophenone	7.23	105	378635	36.480	ng	# 99
24) Nitrobenzene	7.40	77	287485	37.939	ng	95
25) Isophorone	7.65	82	516776	37.418	ng	97
26) 2-Nitrophenol	7.72	139	167464	45.957	ng	90
27) 2,4-Dimethylphenol	7.76	122	257564	37.428	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	338466	39.325	ng	98
29) 2,4-Dichlorophenol	7.96	162	247495	41.889	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	250864	42.453	ng	98
31) Naphthalene	8.12	128	823158	40.913	ng	100
32) Benzoic acid	7.92	122	212556	37.603	ng	94
33) 4-Chloroaniline	8.17	127	340727	40.553	ng	95
34) Hexachlorobutadiene	8.23	225	126167	41.452	ng	100
35) Caprolactam	8.56	113	48744	25.719	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	258547	38.932	ng	92
37) 2-Methylnaphthalene	8.81	142	529002	40.445	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	249452	43.147	ng	98
40) Hexachlorocyclopentadiene	8.96	237	97372	36.854	ng	98

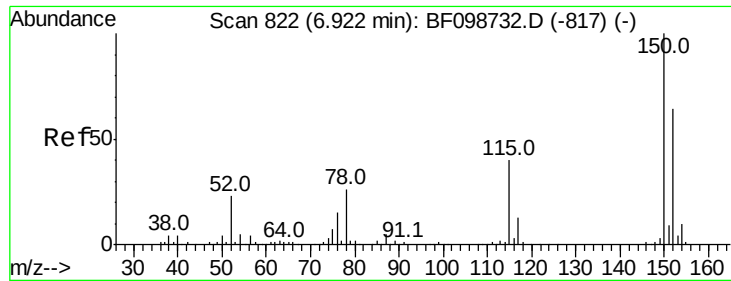
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099693.D
 Acq On : 20 Oct 2017 11:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: Oct 20 17:54:01 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	163118	39.826	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	165390	40.451	ng	# 93
45) 1,1'-Biphenyl	9.27	154	689866	41.406	ng	98
46) 2-Chloronaphthalene	9.30	162	514463	41.126	ng	98
47) 2-Nitroaniline	9.40	65	140691	36.730	ng	90
48) Acenaphthylene	9.72	152	759661	39.669	ng	100
49) Dimethylphthalate	9.57	163	603501	41.247	ng	99
50) 2,6-Dinitrotoluene	9.65	165	136447	42.835	ng	# 86
51) Acenaphthene	9.89	154	457040	37.677	ng	99
52) 3-Nitroaniline	9.82	138	156865	42.234	ng	# 86
53) 2,4-Dinitrophenol	9.93	184	52254	35.041	ng	# 85
54) Dibenzofuran	10.06	168	625959	38.756	ng	100
55) 4-Nitrophenol	9.99	139	141655	45.105	ng	82
56) 2,4-Dinitrotoluene	10.06	165	163336	39.510	ng	93
57) Fluorene	10.40	166	543413	41.859	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	112016	39.660	ng	94
59) Diethylphthalate	10.27	149	563392	39.406	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	243966	41.836	ng	97
61) 4-Nitroaniline	10.44	138	143493	40.045	ng	83
62) Azobenzene	10.55	77	467498	35.562	ng	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	93788	45.129	ng	# 73
65) n-Nitrosodiphenylamine	10.51	169	482821	40.802	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	142739	42.692	ng	# 89
67) Hexachlorobenzene	10.95	284	151124	42.320	ng	# 92
68) Atrazine	11.04	200	142898	40.137	ng	99
69) Pentachlorophenol	11.15	266	77574	34.905	ng	98
70) Phenanthrene	11.36	178	750877	41.068	ng	98
71) Anthracene	11.42	178	770598	41.192	ng	99
72) Carbazole	11.57	167	735165	40.130	ng	99
73) Di-n-butylphthalate	11.89	149	890888	40.401	ng	98
74) Fluoranthene	12.55	202	754607	40.758	ng	99
76) Benzdine	12.67	184	289341	32.708	ng	98
77) Pyrene	12.79	202	772905	42.379	ng	99
79) Butylbenzylphthalate	13.39	149	372271	43.432	ng	95
80) Benzo(a)anthracene	13.97	228	594921	41.079	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	196764	37.062	ng	99
82) Chrysene	14.01	228	560352	40.641	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	506834	42.944	ng	99
84) Di-n-octyl phthalate	14.55	149	829374	43.642	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	433240	39.280	ng	97
87) Benzo(b)fluoranthene	15.04	252	450060	41.240	ng	99
88) Benzo(k)fluoranthene	15.04	252	450060	41.754	ng	99
89) Benzo(a)pyrene	15.38	252	402471	40.177	ng	# 97
90) Dibenzo(a,h)anthracene	16.92	278	354937	44.274	ng	97
91) Benzo(g,h,i)perylene	17.36	276	376305	47.486	ng	98

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

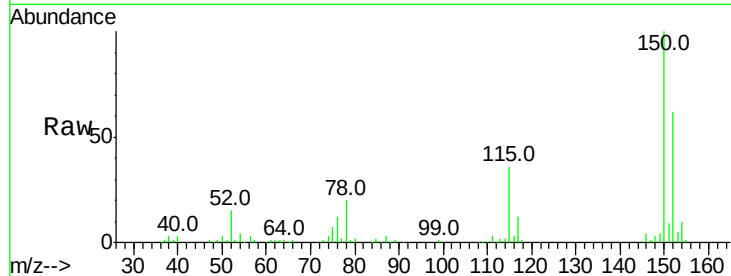


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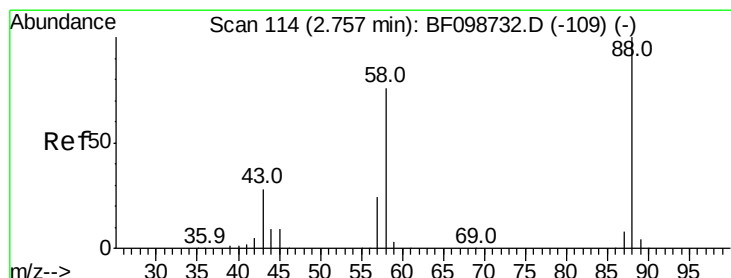
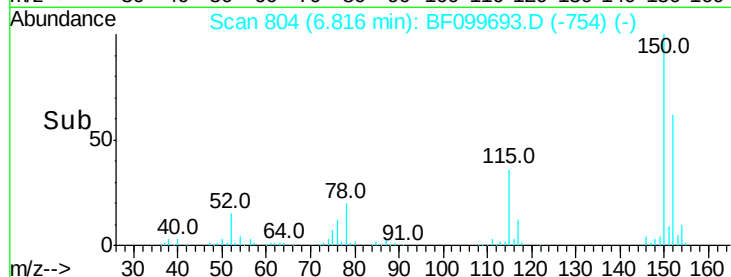
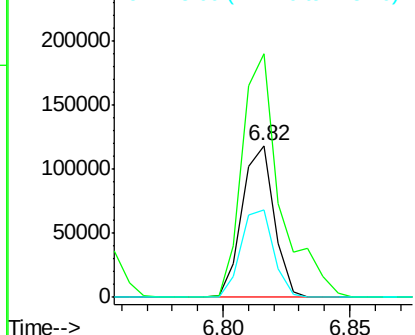
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 103624
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 58.1 50.1 75.1



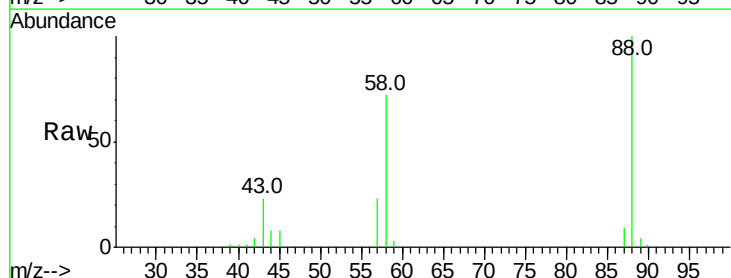
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



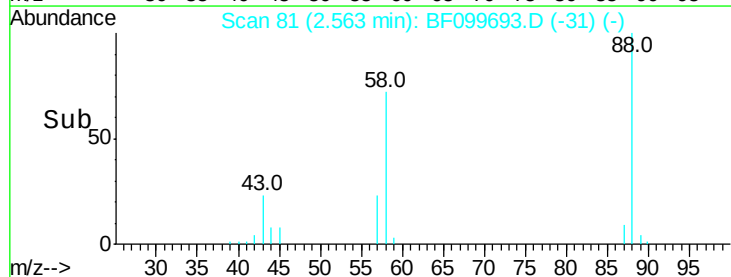
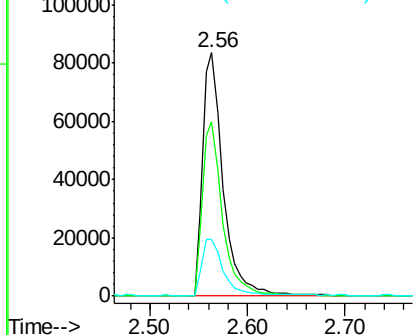
#2

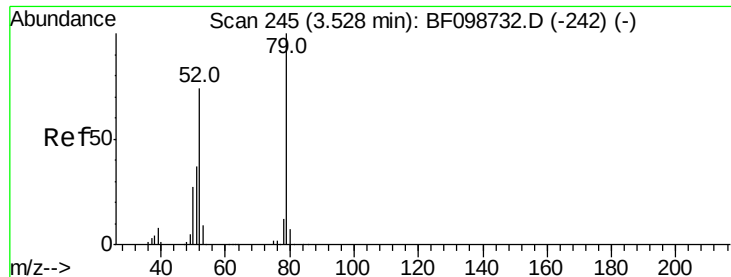
1,4-Dioxane
 Concen: 39.326 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion: 88 Resp: 122283
 Ion Ratio Lower Upper
 88 100
 58 70.4 62.6 93.8
 43 25.1 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: 37.544 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

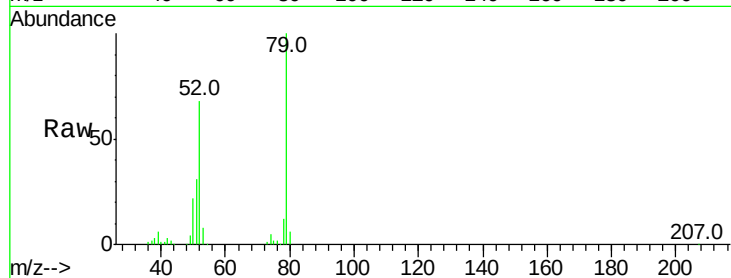
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 315813

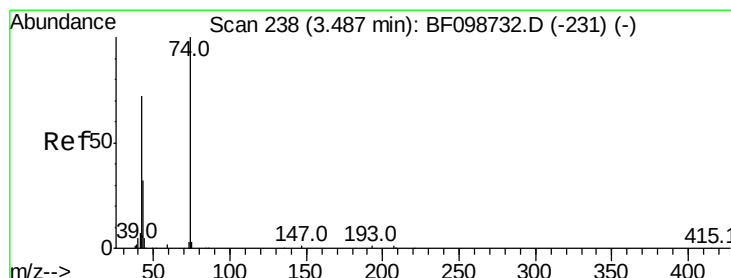
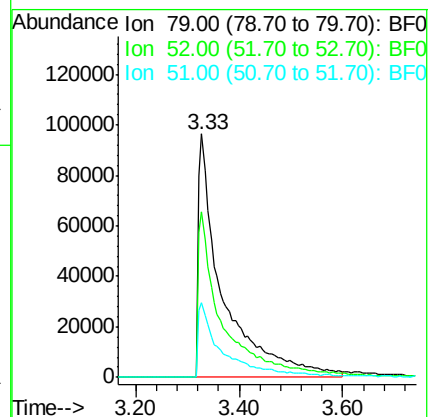
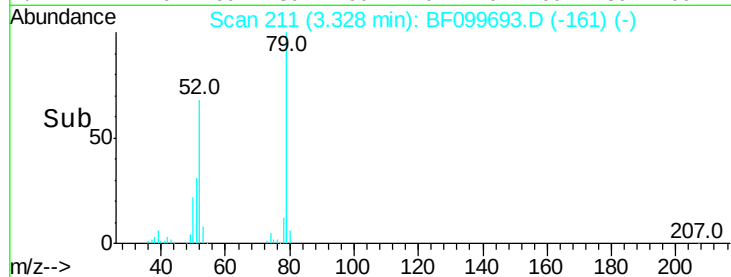
Ion	Ratio	Lower	Upper
79	100		
52	68.0	59.8	89.6
51	30.6	29.8	44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.998 ng

RT: 3.29 min Scan# 205

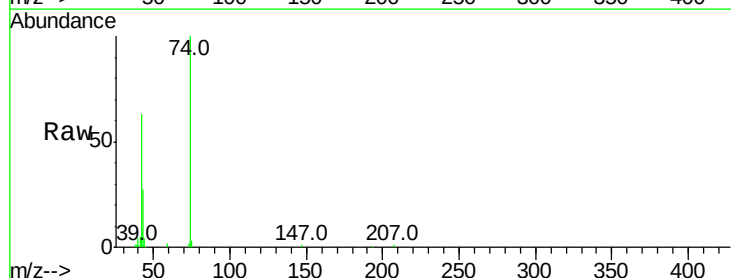
Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Tgt Ion: 42 Resp: 114137

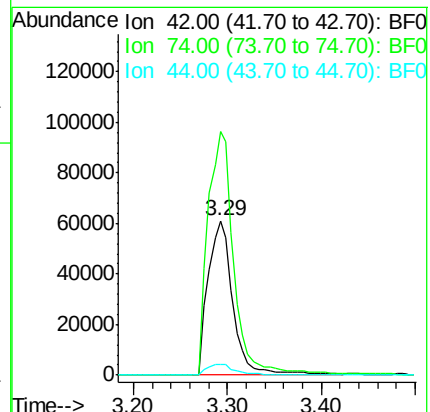
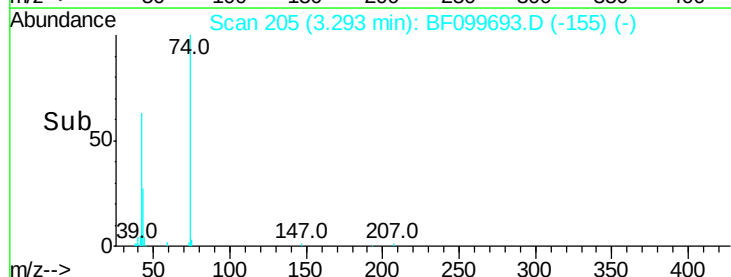
Ion	Ratio	Lower	Upper
42	100		
74	158.0	104.9	157.3#
44	7.0	6.9	10.3

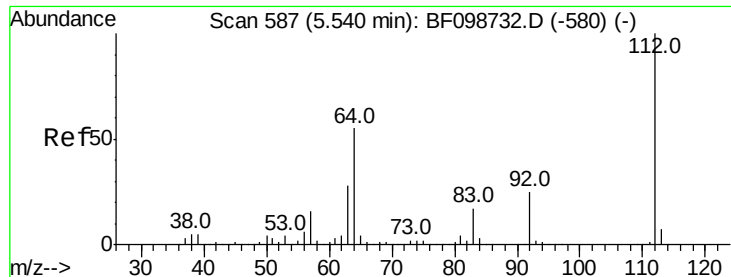


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.536 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampled :

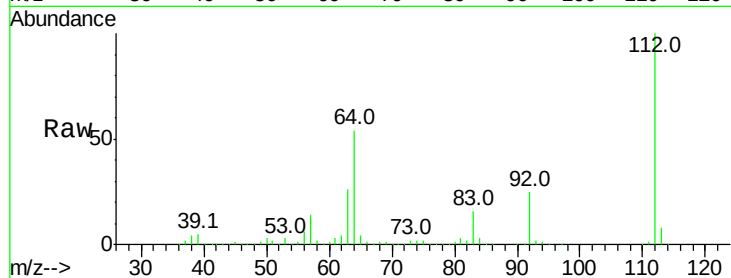
Tot Ion: 112 Resp: 543775

Ion Ratio Lower Upper

112 100

64 53.7 47.9 71.9

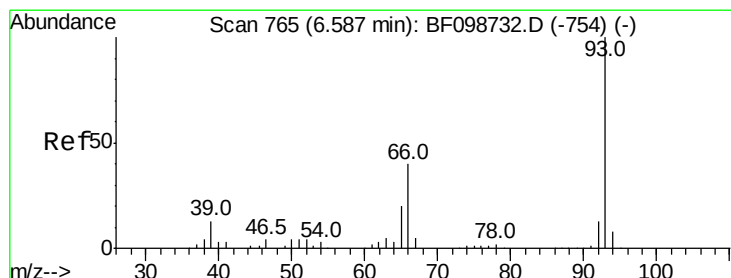
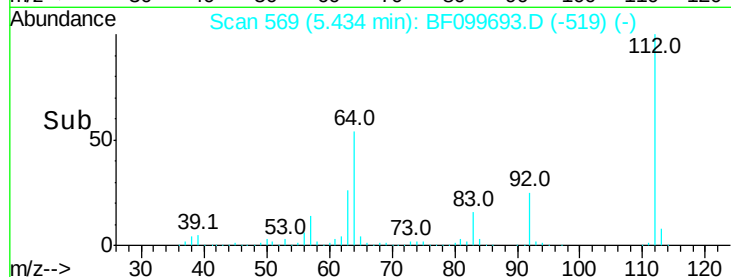
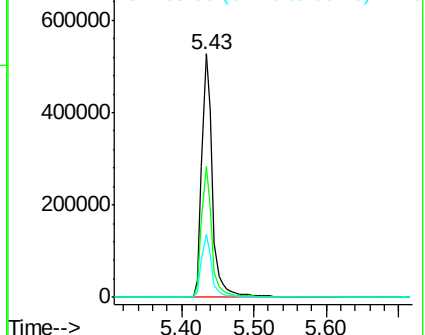
63 26.2 23.7 35.5



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: 37.836 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

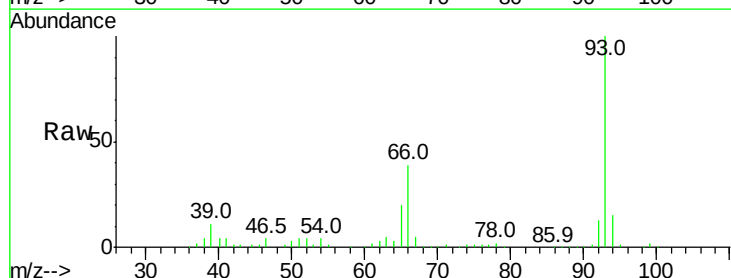
Tgt Ion: 93 Resp: 410063

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

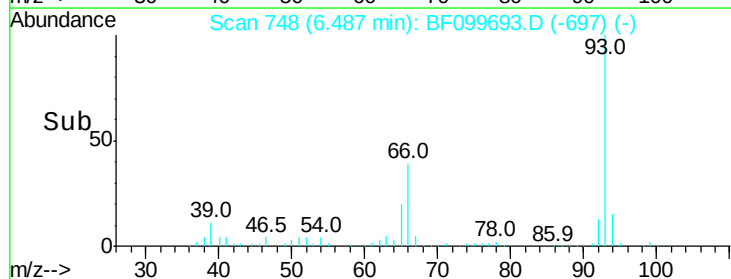
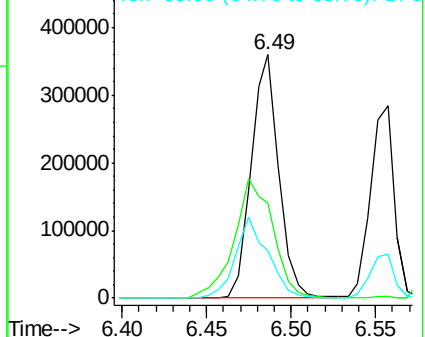
65 19.7 16.4 24.6

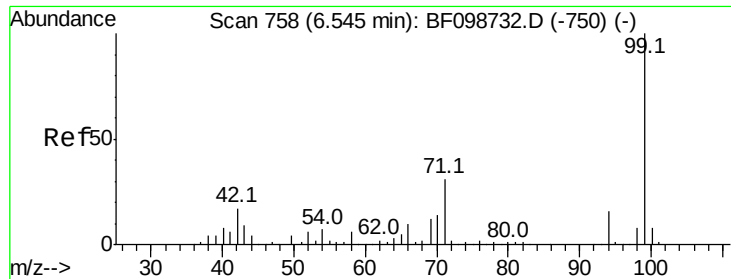


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.553 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

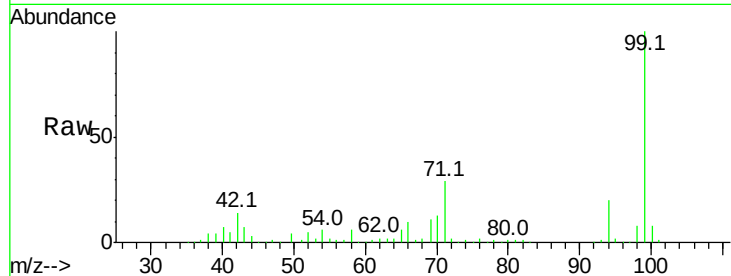
Tot Ion: 99 Resp: 646856

Ion Ratio Lower Upper

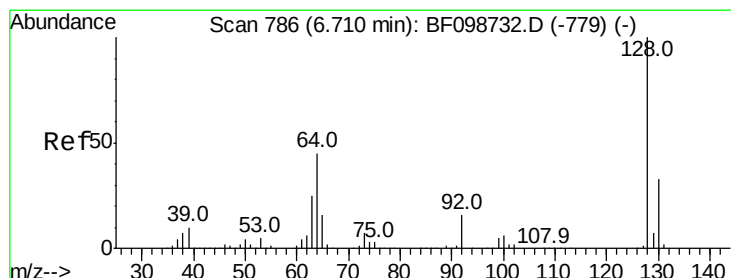
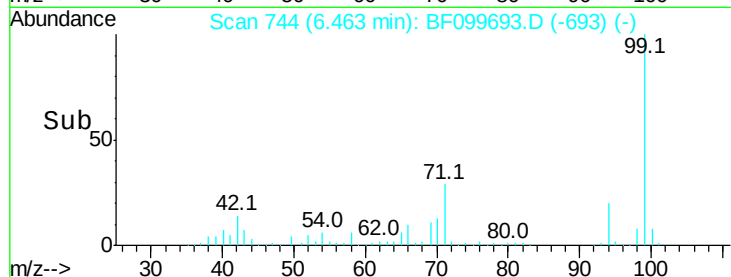
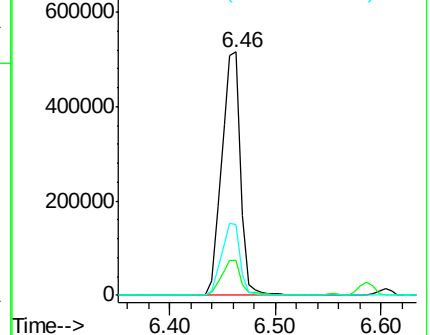
99 100

42 14.2 14.5 21.7#

71 28.8 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: 41.606 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

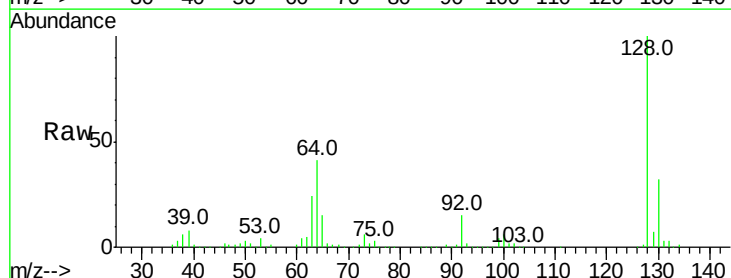
Tgt Ion: 128 Resp: 306703

Ion Ratio Lower Upper

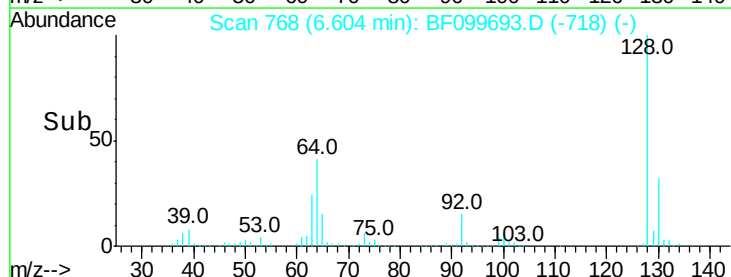
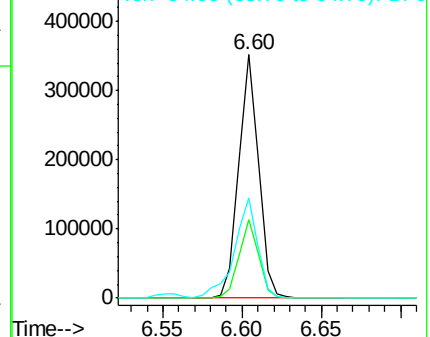
128 100

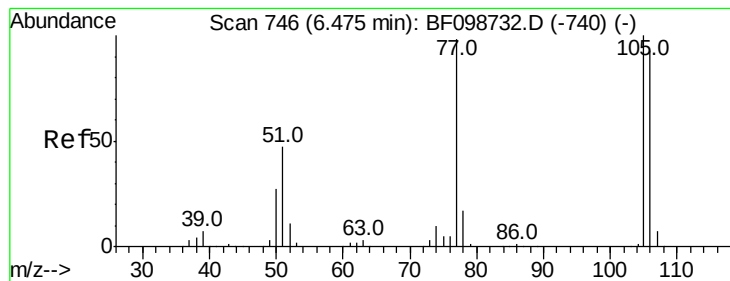
130 32.4 13.0 53.0

64 41.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 31.464 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

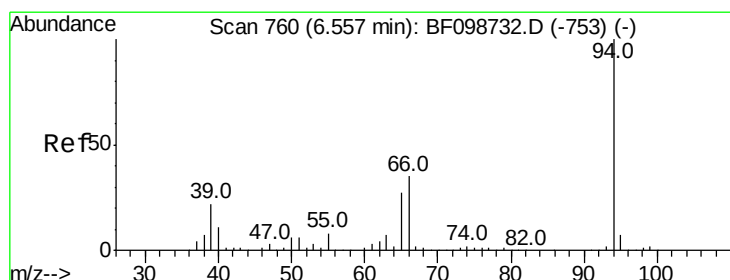
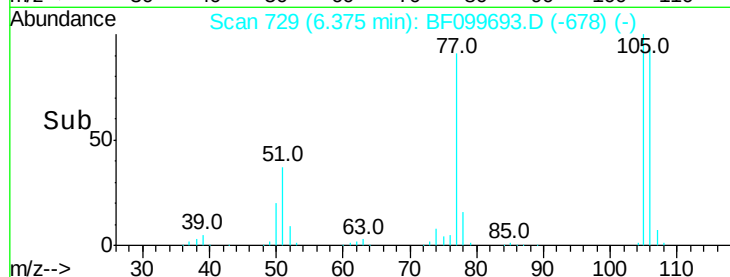
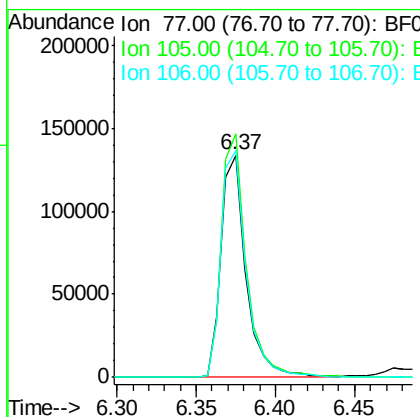
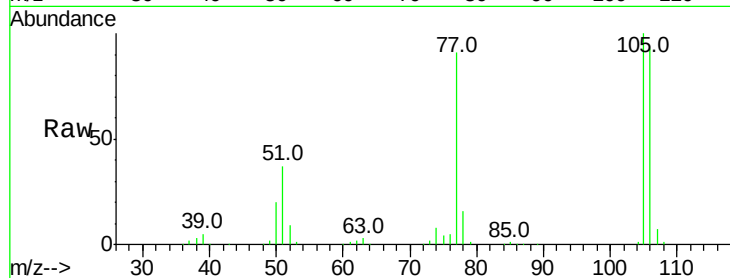
Tot Ion: 77 Resp: 146562

Ion Ratio Lower Upper

77 100

105 109.5 81.1 121.1

106 102.2 74.5 114.5



#10

Phenol

Concen: 41.711 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

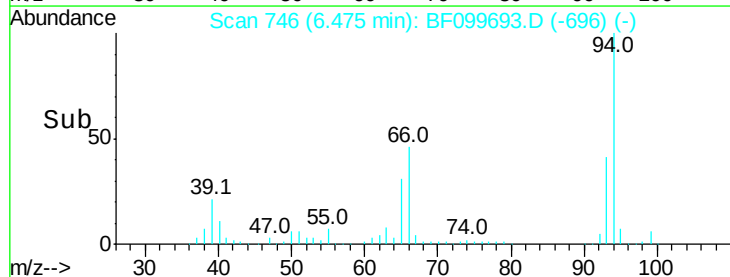
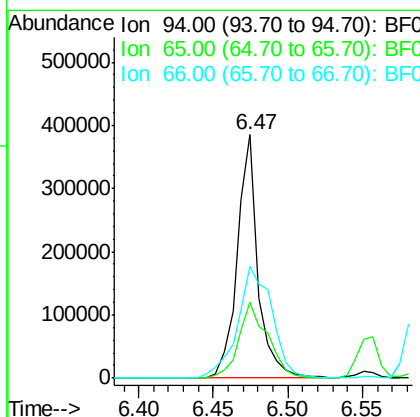
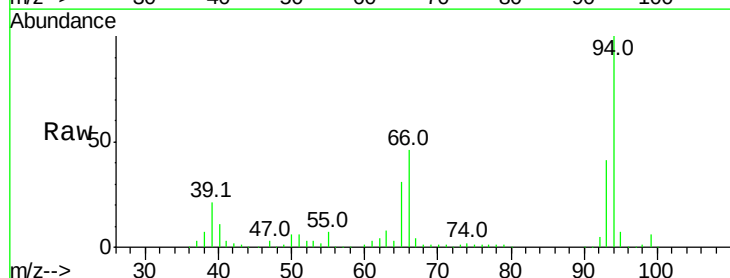
Tgt Ion: 94 Resp: 374594

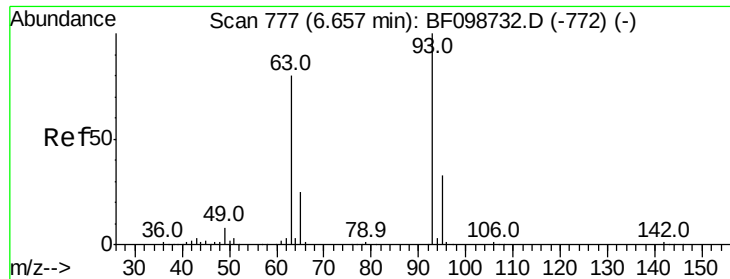
Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 45.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.561 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

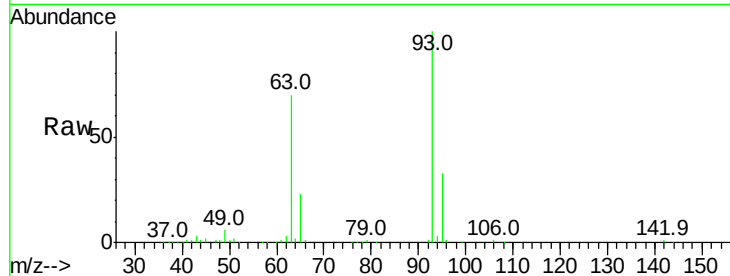
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 276207

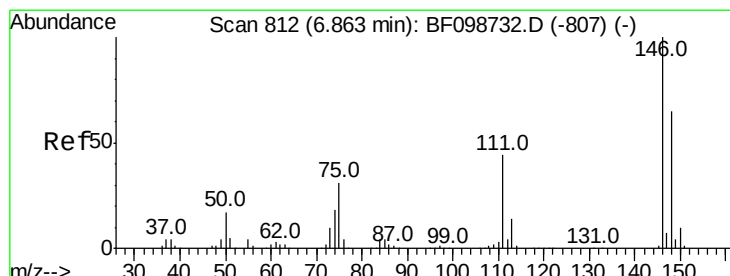
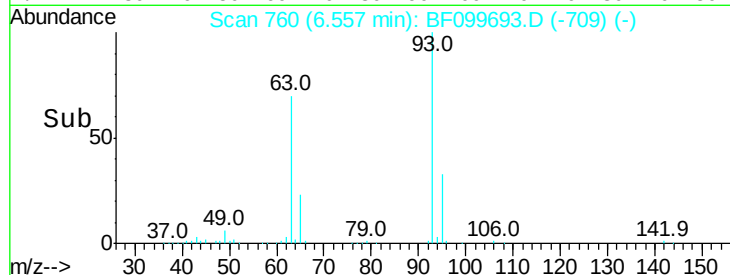
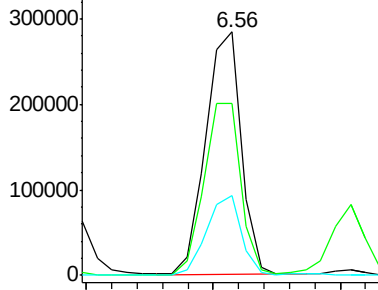
Ion	Ratio	Lower	Upper
93	100		
63	70.4	58.6	98.6
95	32.8	11.8	51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.124 ng

RT: 6.76 min Scan# 794

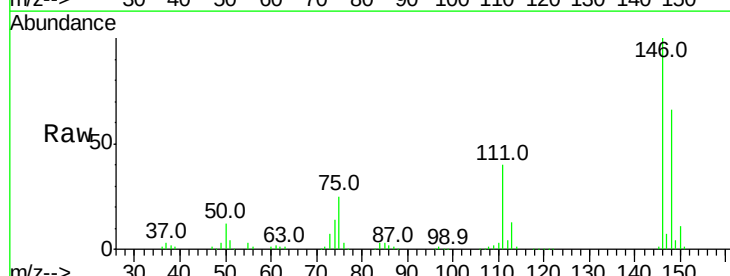
Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Tgt Ion: 146 Resp: 325209

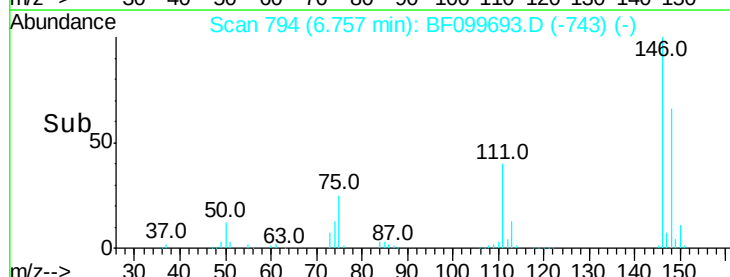
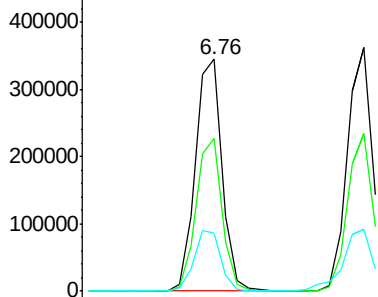
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	24.8	24.2	36.4

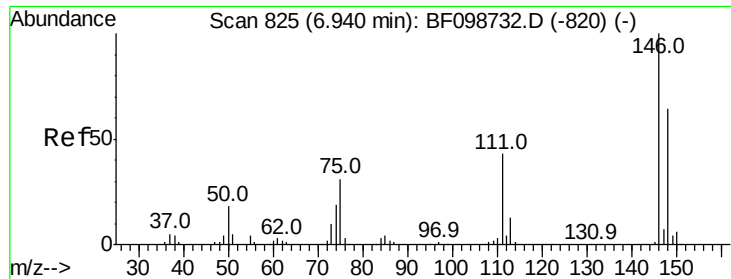


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

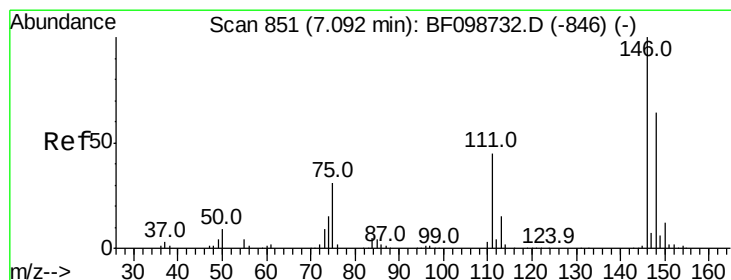
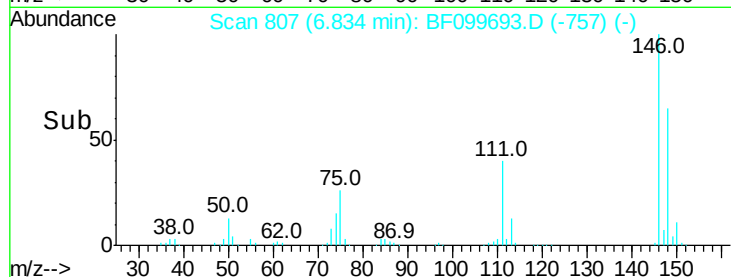
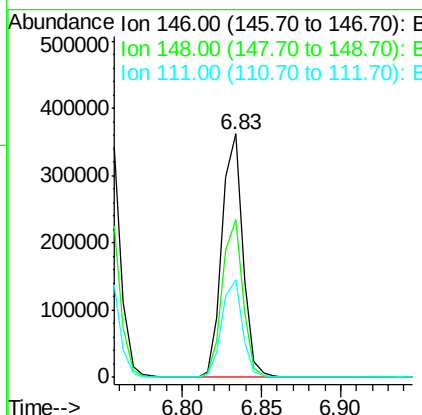
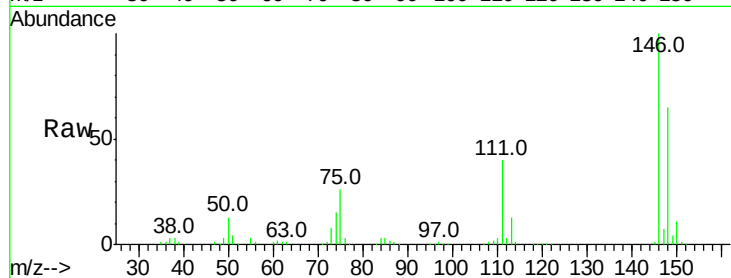




#13
 1,4-Dichlorobenzene
 Concen: 41.942 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

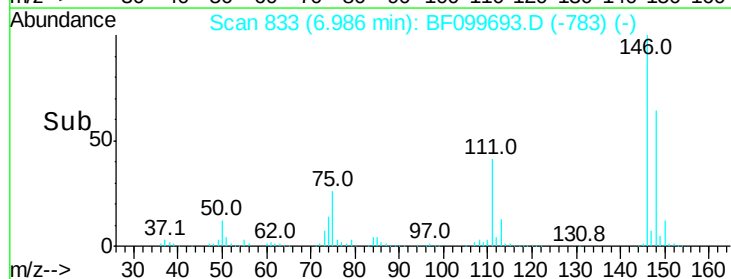
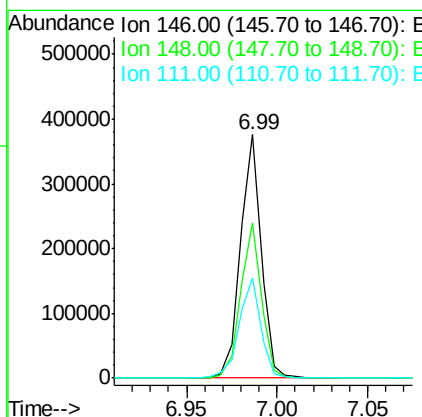
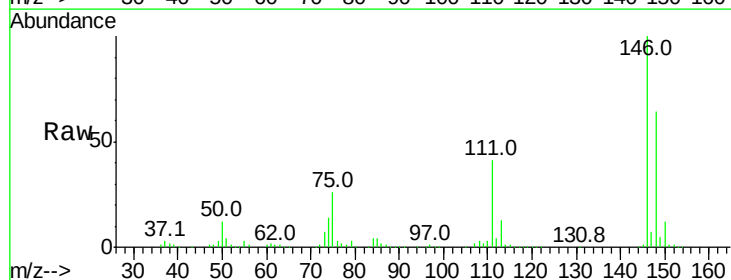
Instrument :
 BNA_F
 ClientSampleId :

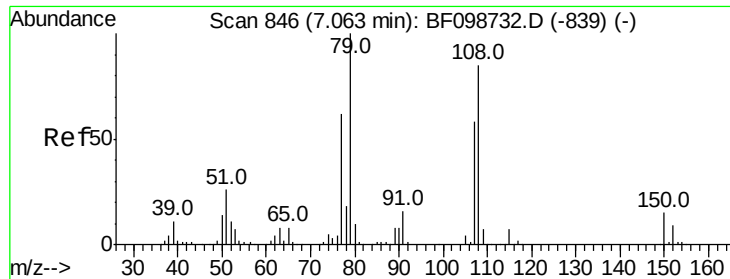
Tot Ion:146 Resp: 329450
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.280 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:146 Resp: 299602
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 40.9 36.0 54.0

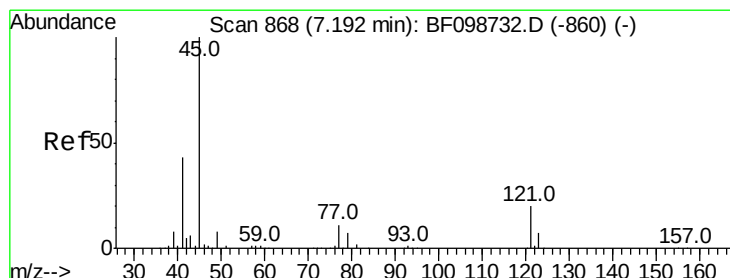
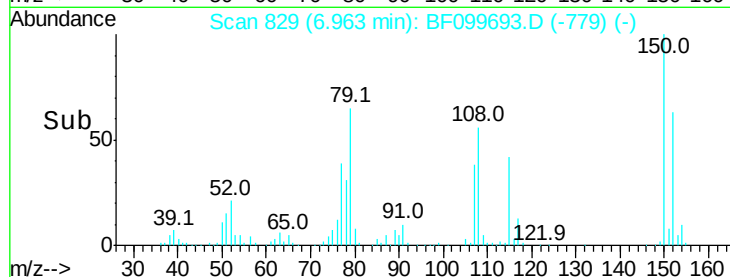
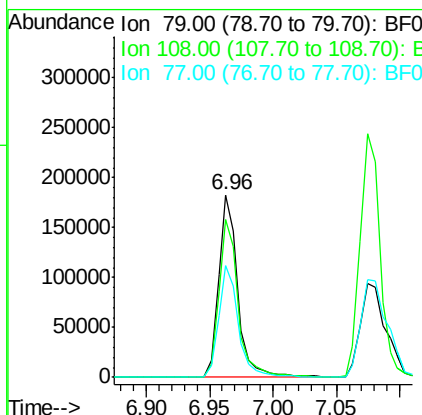
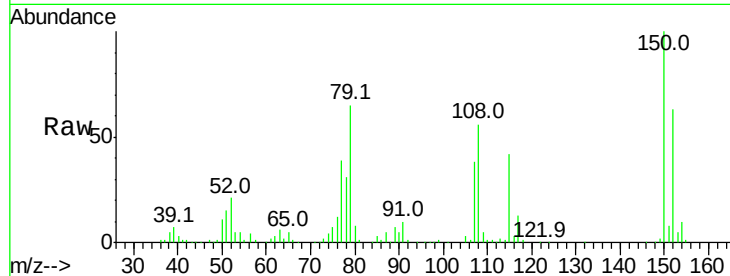




#15
Benzyl Alcohol
Concen: 32.952 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

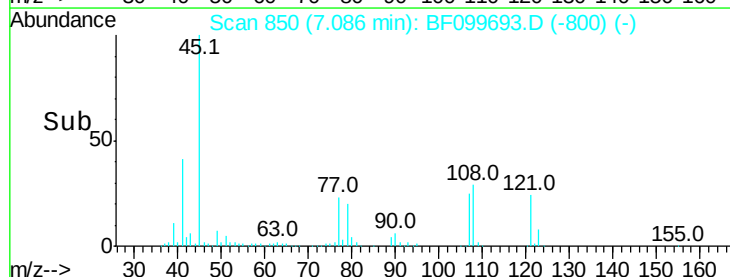
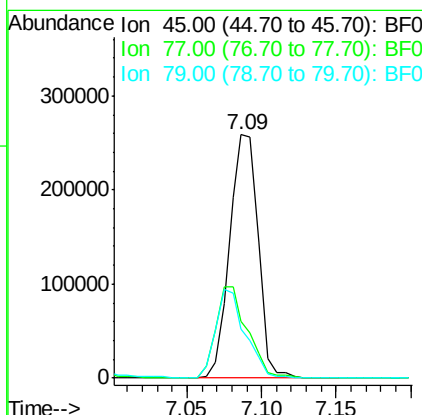
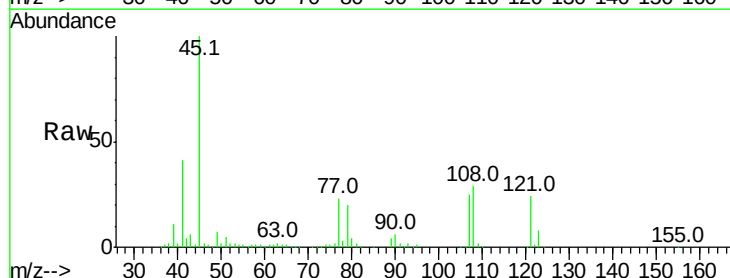
Instrument :
BNA_F
ClientSampleId :

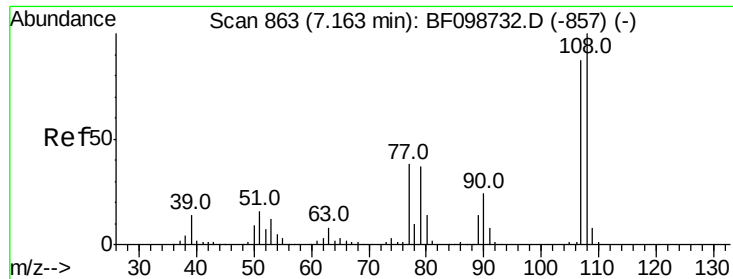
Tot Ion: 79 Resp: 194121
Ion Ratio Lower Upper
79 100
108 86.4 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.931 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion: 45 Resp: 347332
Ion Ratio Lower Upper
45 100
77 23.5 0.0 32.9
79 19.9 0.0 29.6

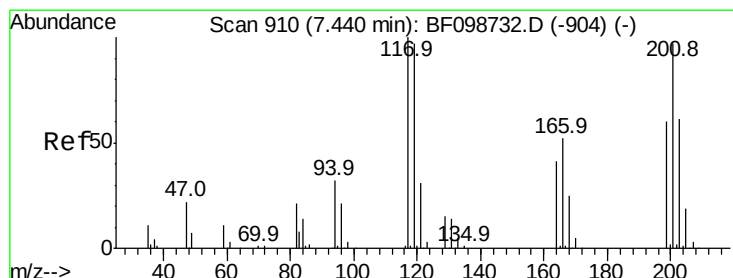
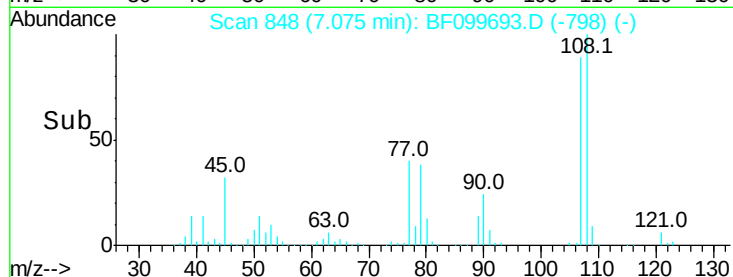
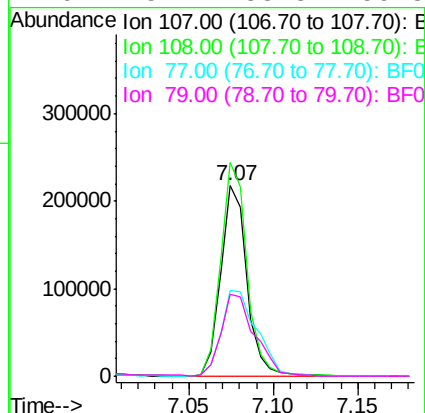
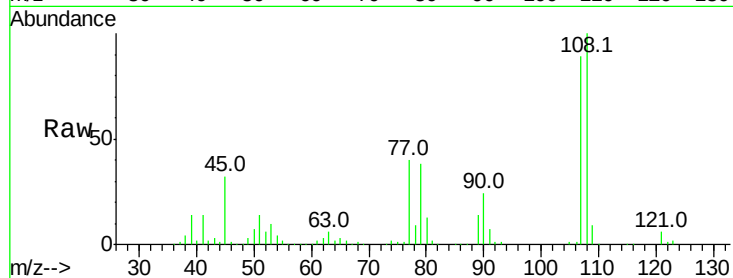




#17
 2-Methylphenol
 Concen: 38.745 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

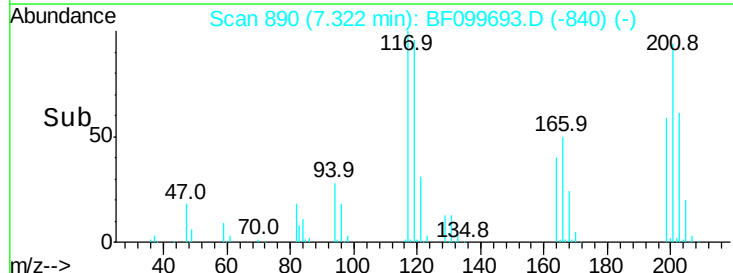
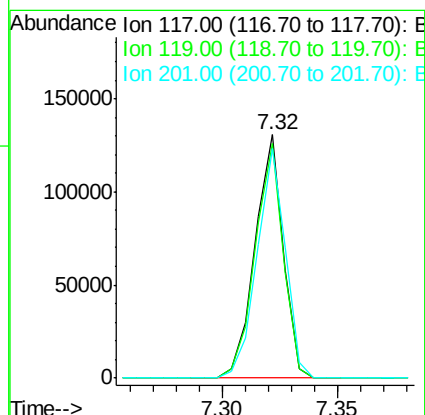
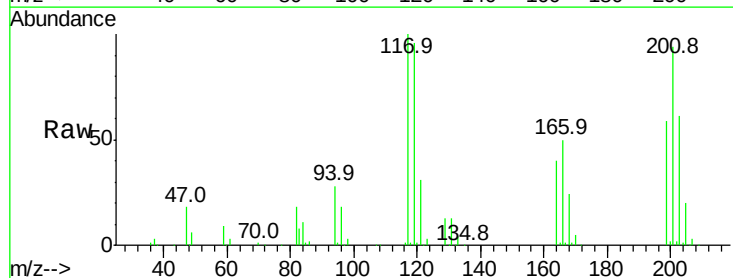
Instrument :
 BNA_F
 ClientSampleId :

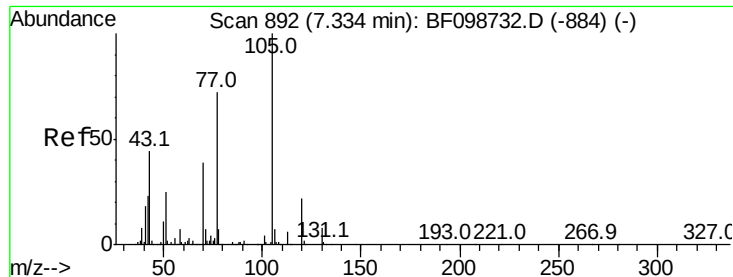
Tot Ion:	107	Resp:	233699
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.7	137.5
77	44.9	33.8	50.8
79	43.2	33.8	50.8



#18
 Hexachloroethane
 Concen: 39.458 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:	117	Resp:	111402
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	94.4	75.7	113.5

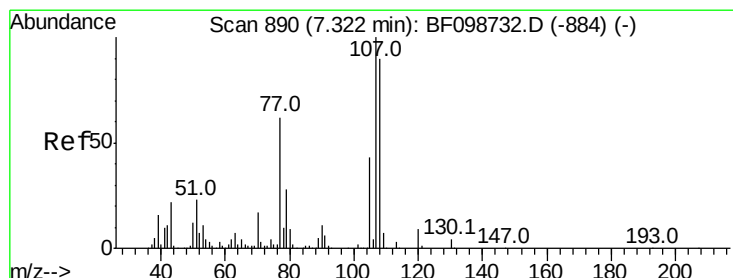
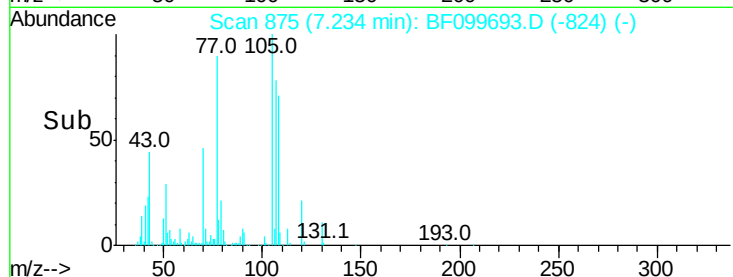
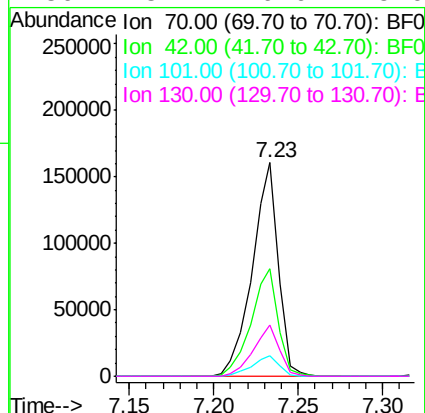
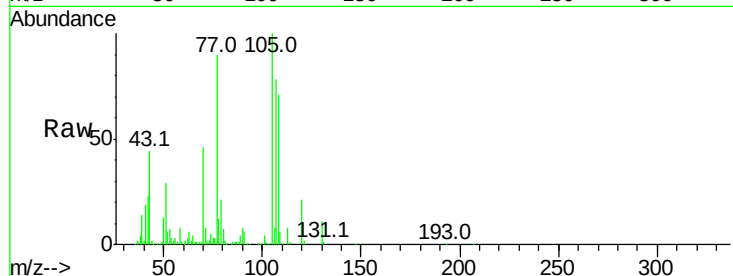




#19
n-Nitroso-di-n-propylamine
Concen: 33.677 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

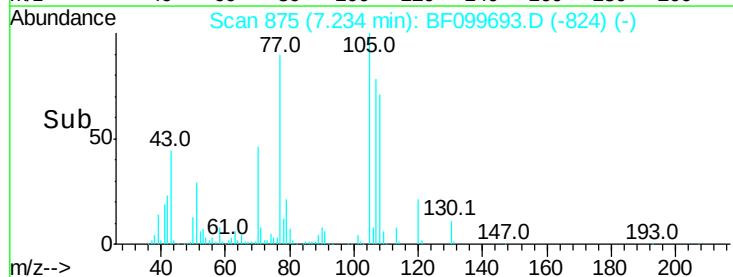
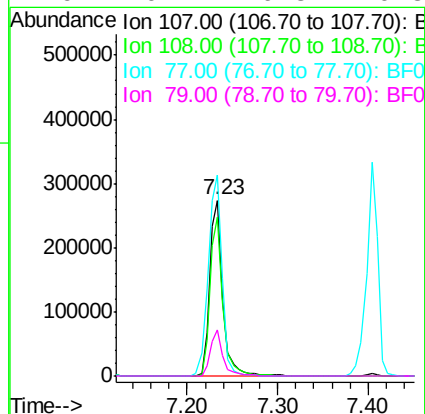
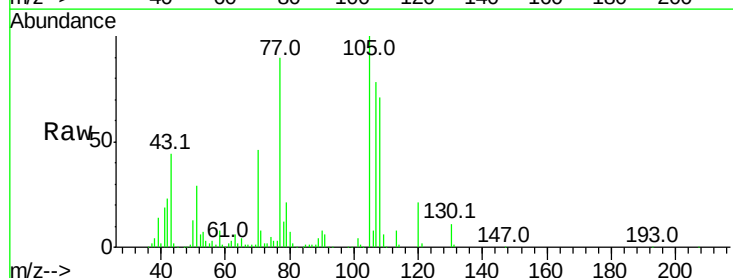
Instrument :
BNA_F
ClientSampled :

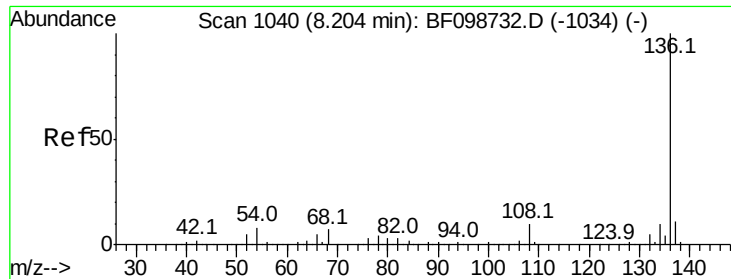
Tot Ion:	70	Resp:	172660
Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	9.8	7.4	11.2
130	23.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.463 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:	107	Resp:	278234
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	114.6	26.7	66.7#
79	26.4	6.3	46.3

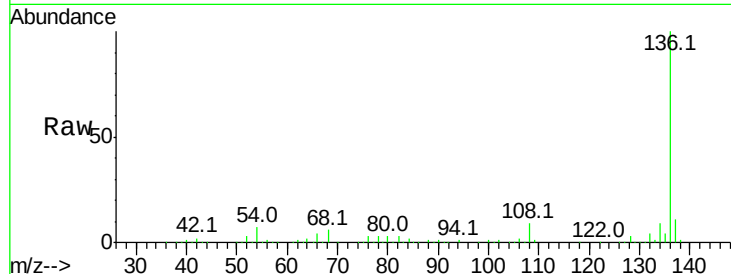




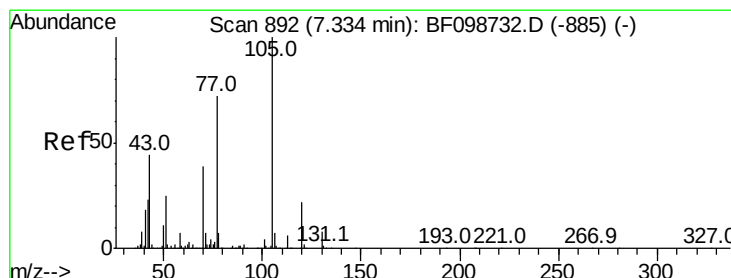
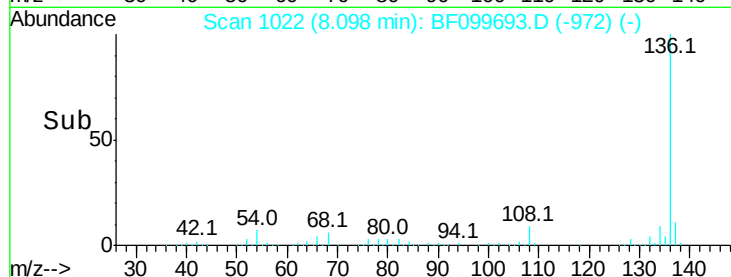
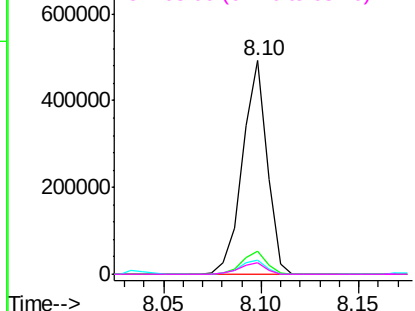
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	428391
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

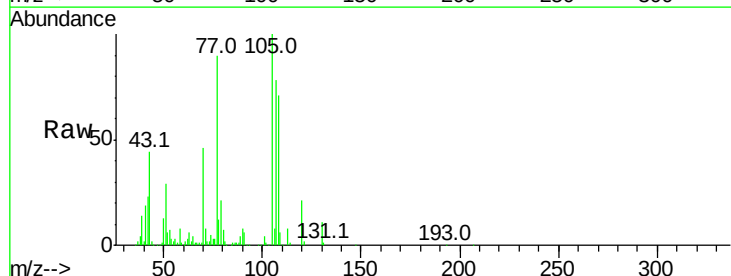


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

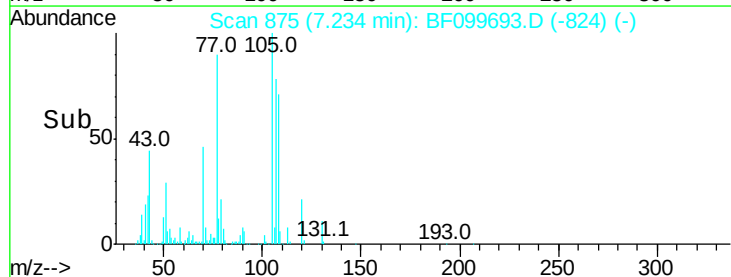
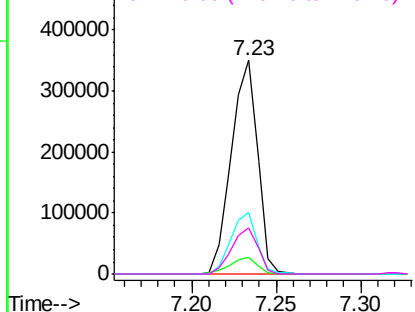


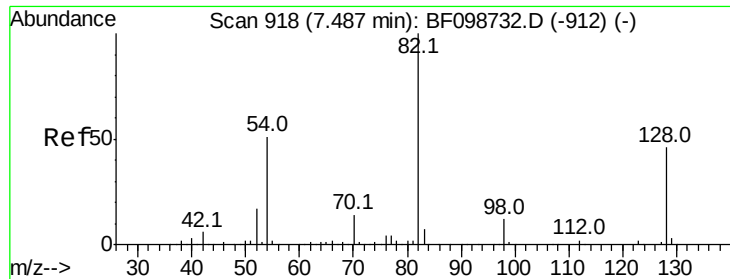
#22
Acetophenone
Concen: 36.480 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:	105	Resp:	378635
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	28.6	22.3	33.5
120	21.3	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

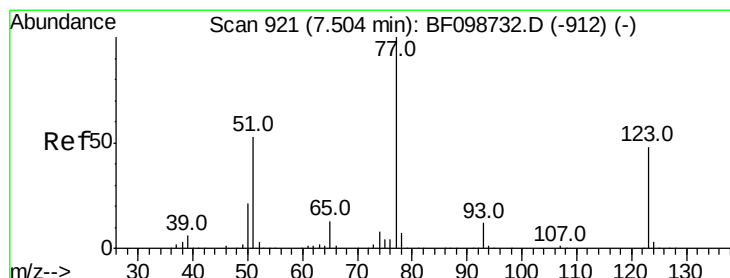
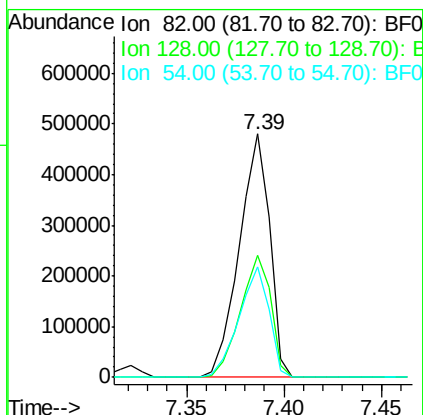
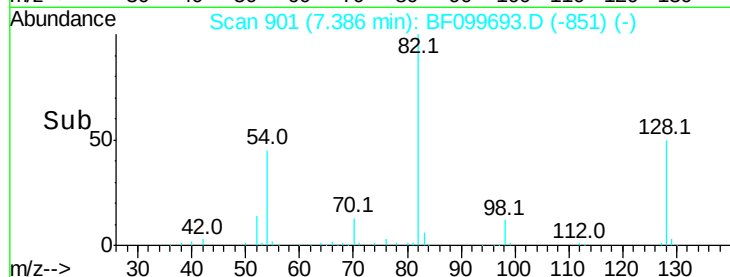
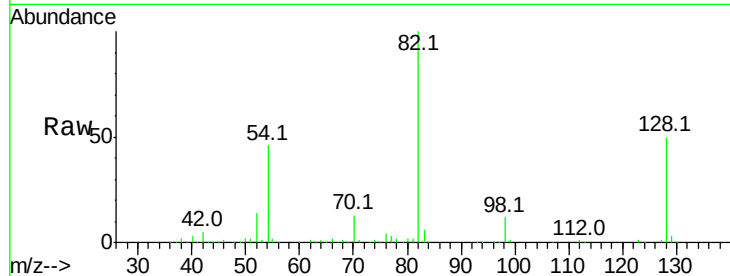




#23
 Nitrobenzene-d5
 Concen: 77.524 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

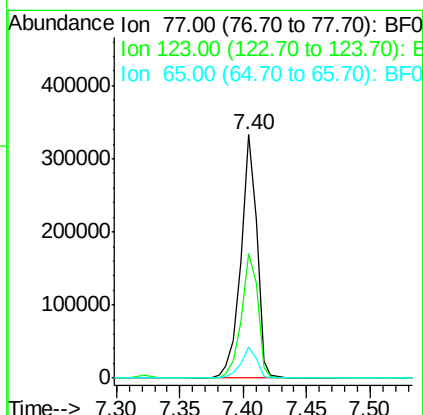
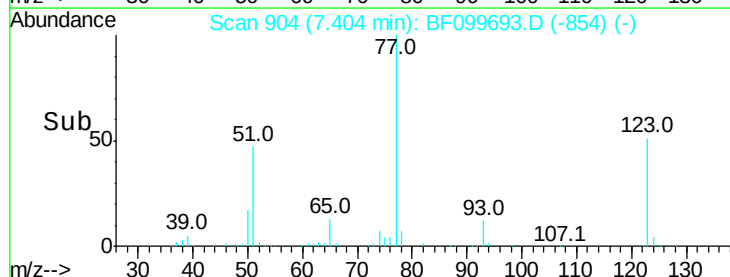
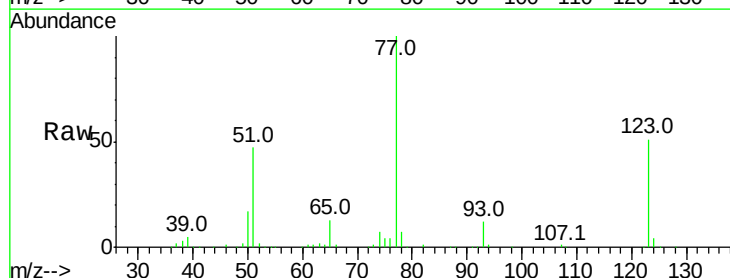
Instrument :
 BNA_F
 ClientSampleId :

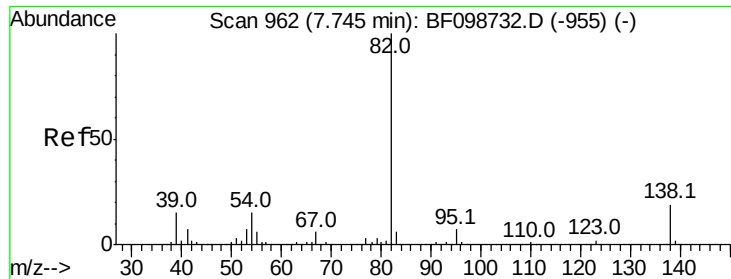
Tot Ion: 82 Resp: 517861
 Ion Ratio Lower Upper
 82 100
 128 49.9 36.1 54.1
 54 45.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.939 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion: 77 Resp: 287485
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 37.418 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

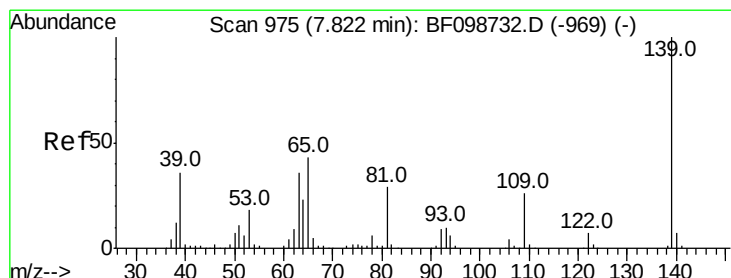
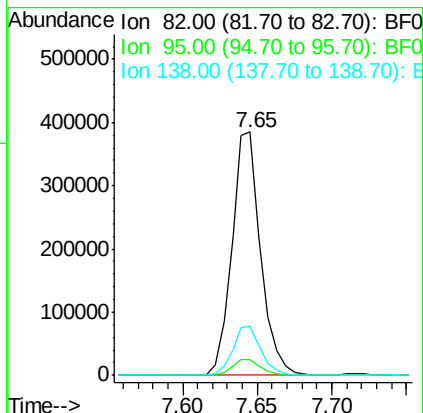
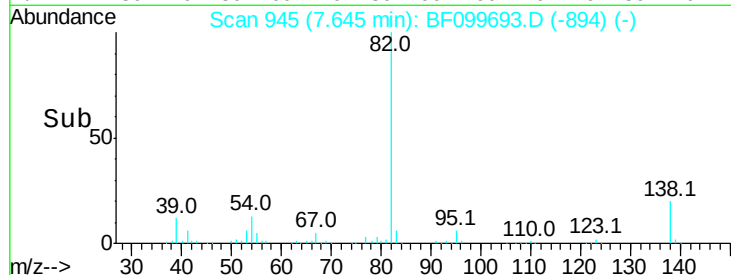
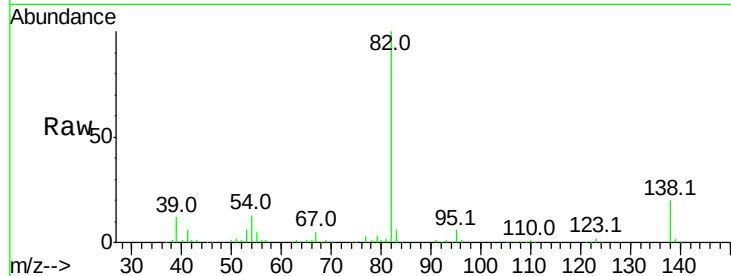
Tot Ion: 82 Resp: 516776

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 45.957 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

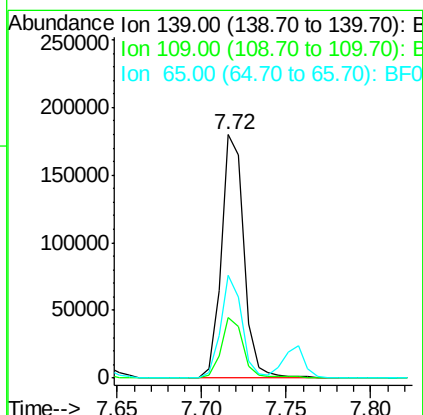
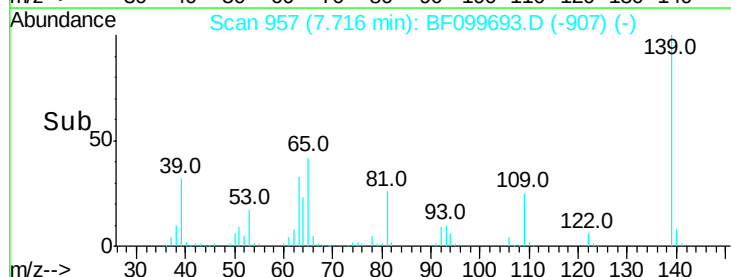
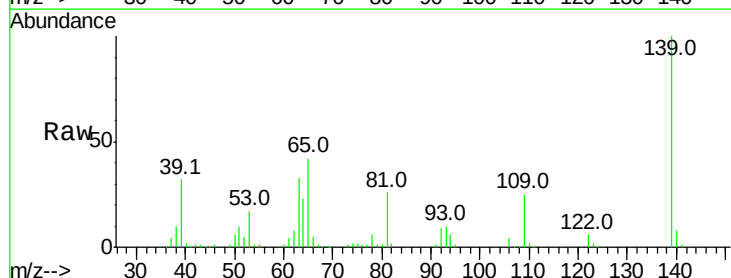
Tgt Ion: 139 Resp: 167464

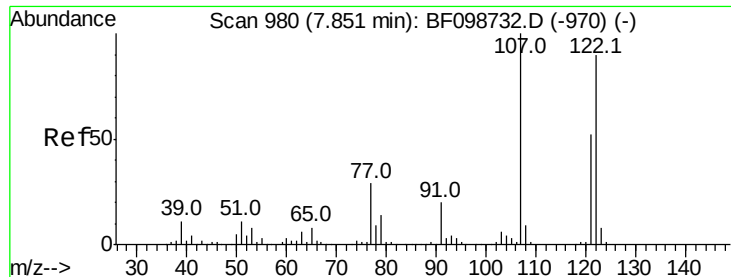
Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

65 42.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.428 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

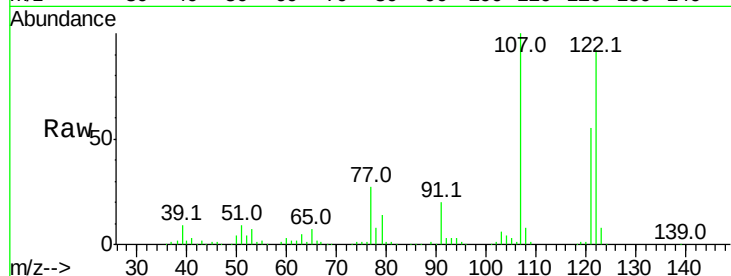
Tot Ion:122 Resp: 257564

Ion Ratio Lower Upper

122 100

107 108.2 91.2 136.8

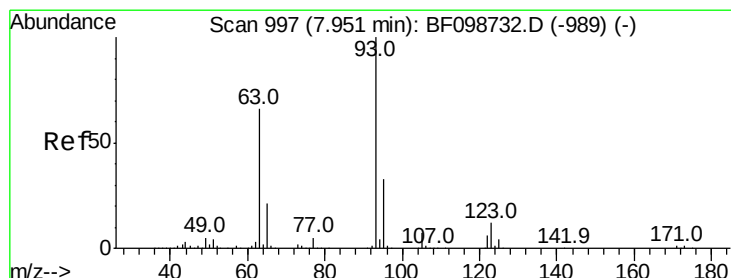
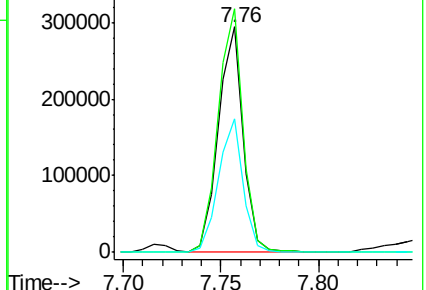
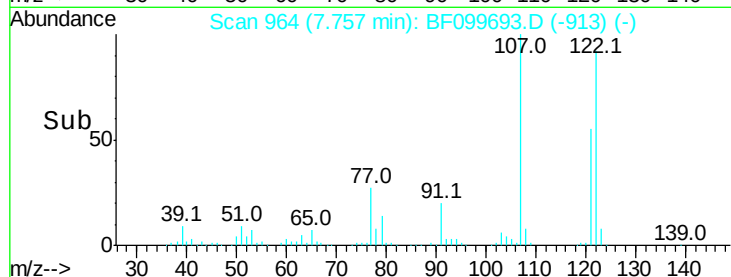
121 59.6 47.2 70.8



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: 39.325 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

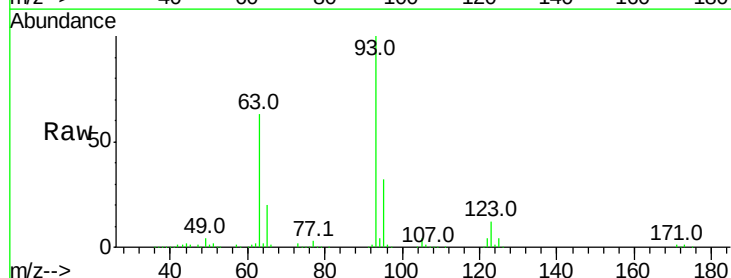
Tgt Ion: 93 Resp: 338466

Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

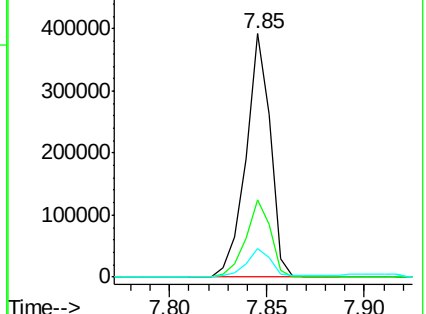
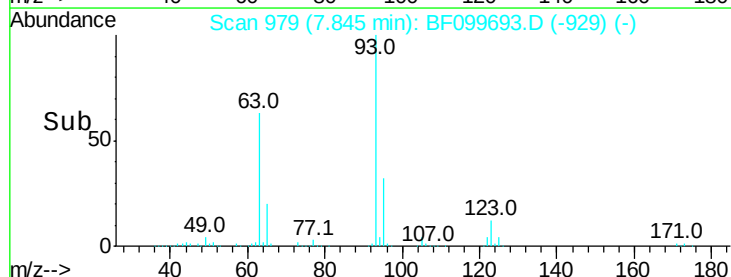
123 11.6 9.8 14.6

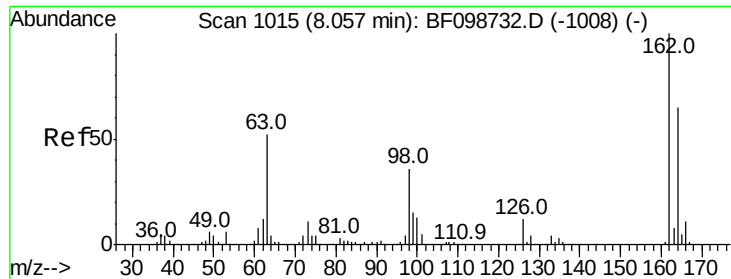


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

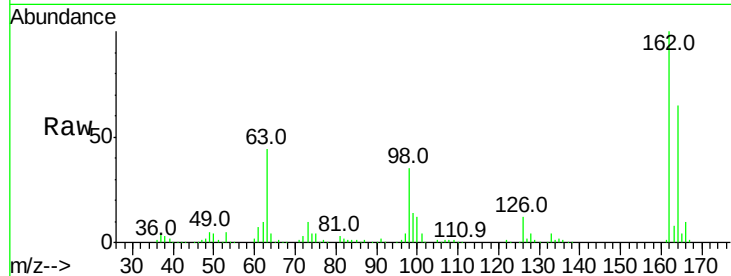




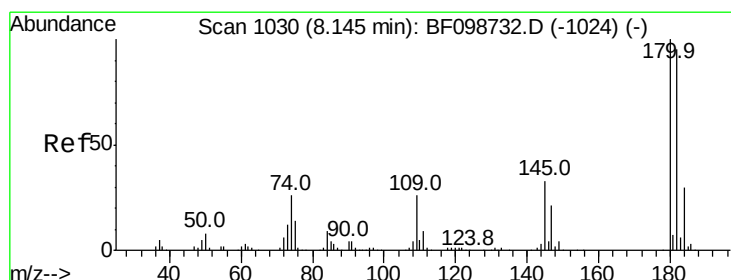
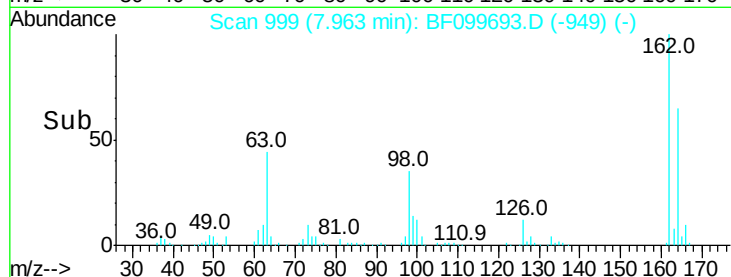
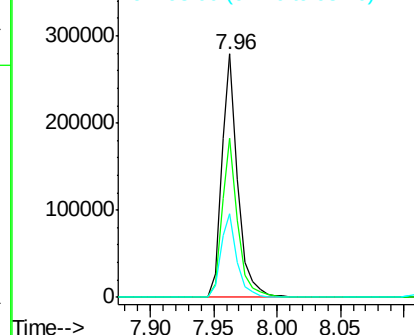
#29
 2,4-Dichlorophenol
 Concen: 41.889 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	34.6	18.1	58.1

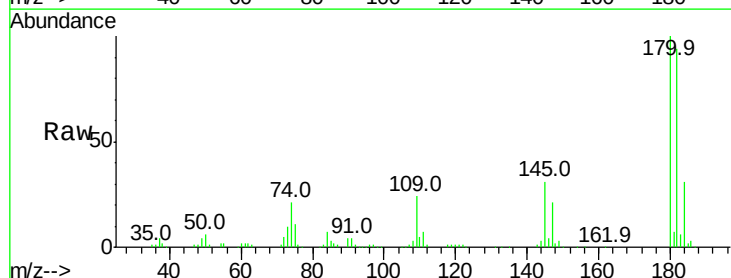


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

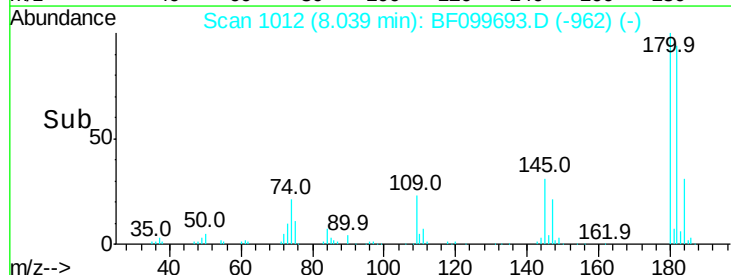
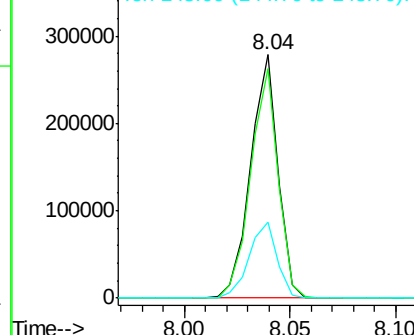


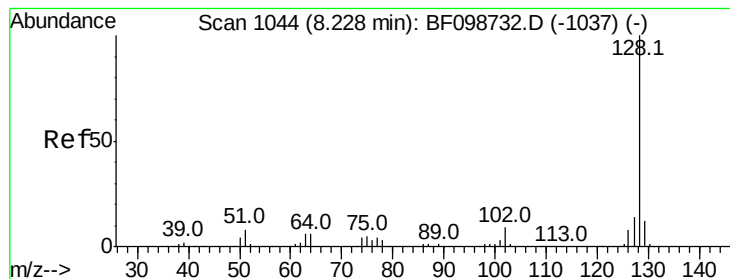
#30
 1,2,4-Trichlorobenzene
 Concen: 42.453 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	31.1	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: 40.913 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

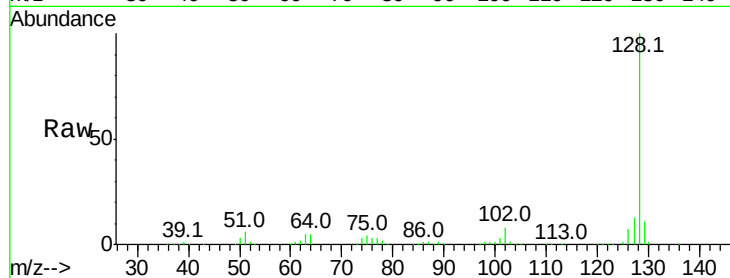
Tot Ion:128 Resp: 823158

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

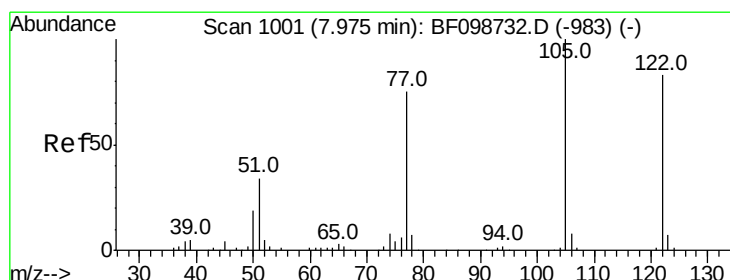
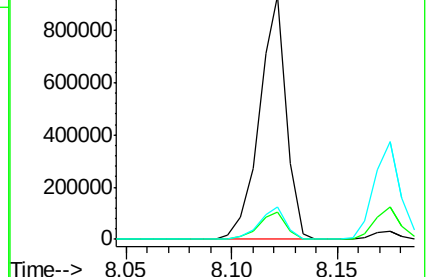
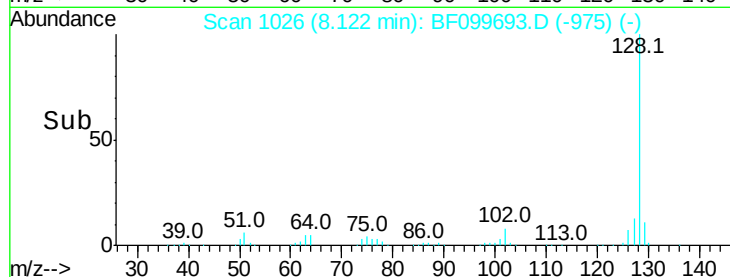
127 13.4 10.9 16.3



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: 37.603 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

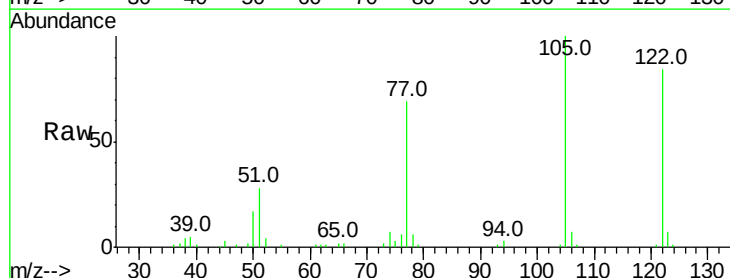
Tgt Ion:122 Resp: 212556

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

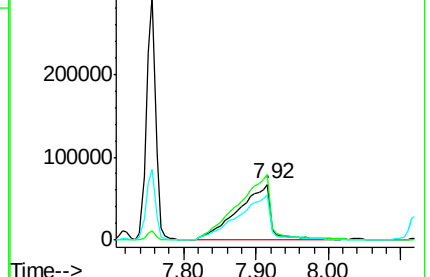
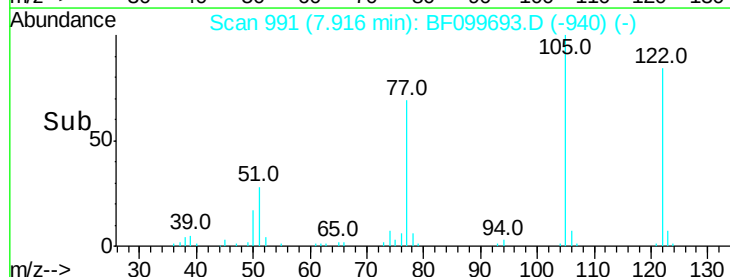
77 81.3 70.7 110.7

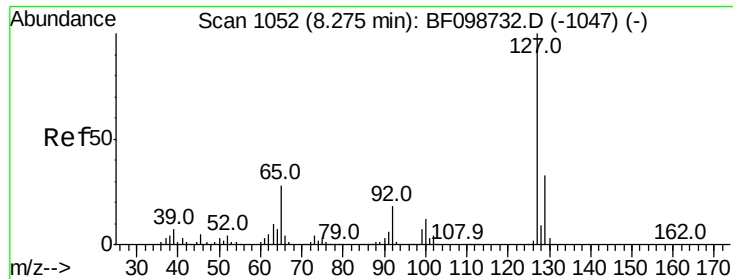


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

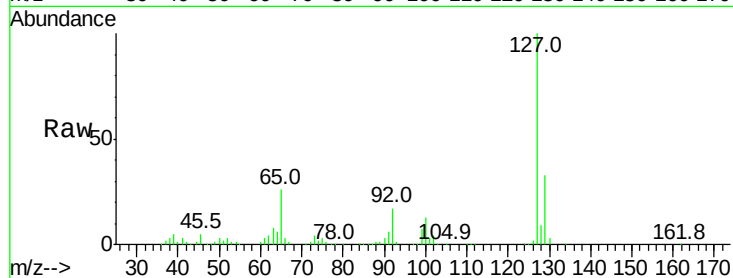




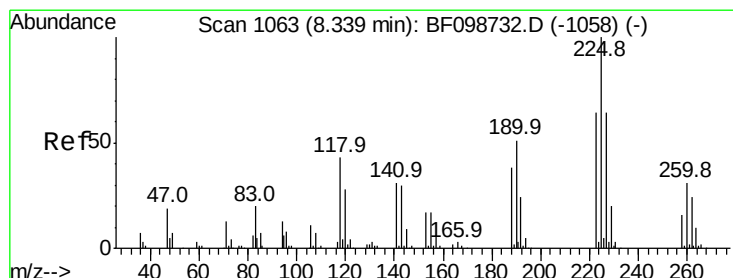
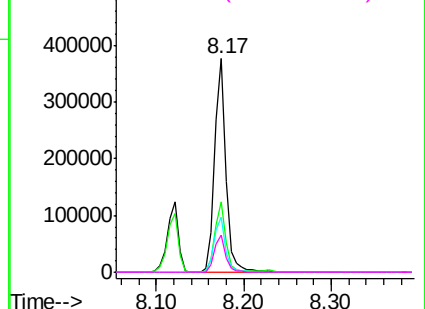
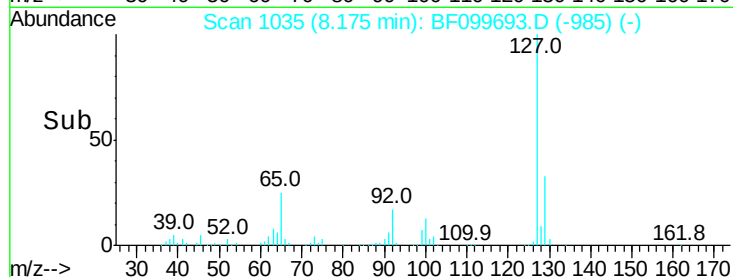
#33
4-Chloroaniline
Concen: 40.553 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	340727
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	25.6	25.0	37.4
92	17.3	15.2	22.8

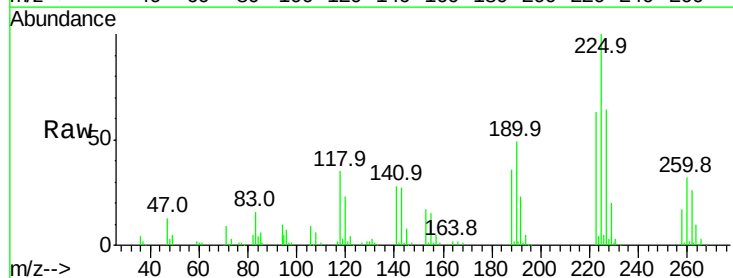


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

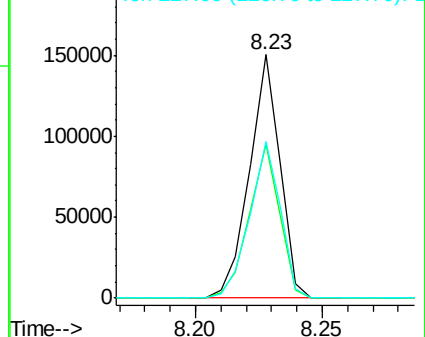
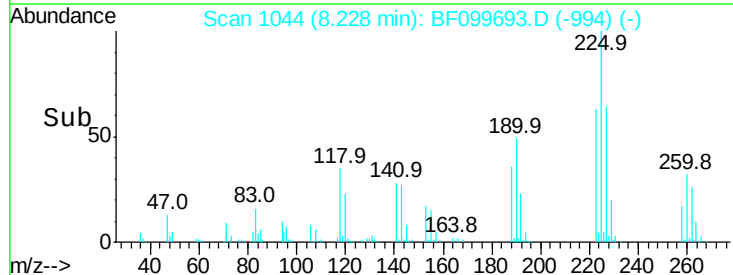


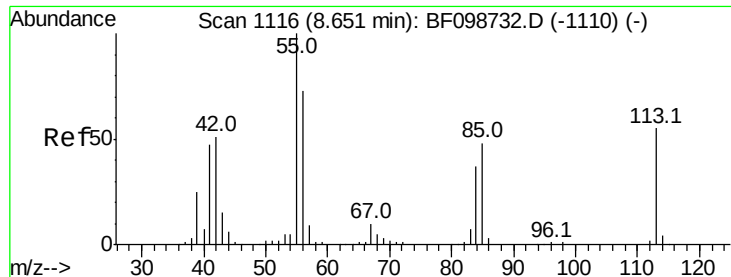
#34
Hexachlorobutadiene
Concen: 41.452 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:	225	Resp:	126167
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.4	51.9	77.9



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

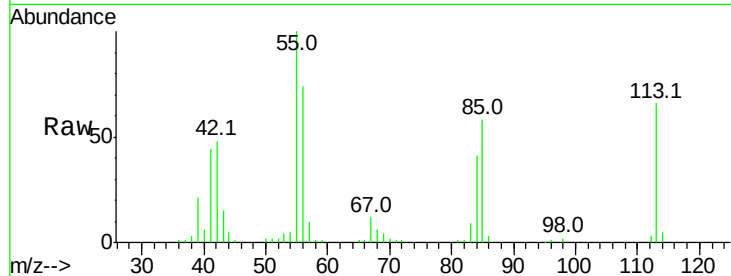




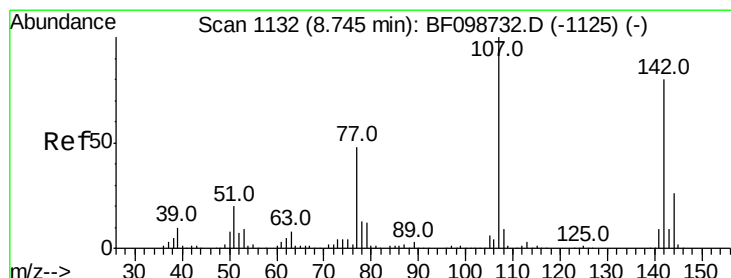
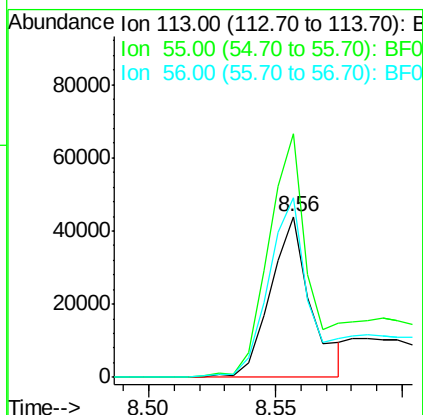
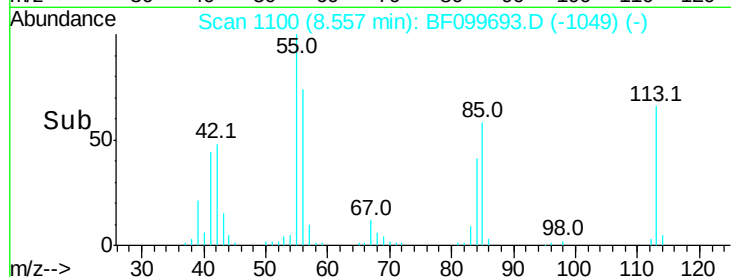
#35
 Caprolactam
 Concen: 25.719 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 48744
 Ion Ratio Lower Upper
 113 100
 55 151.3 163.3 203.3#
 56 111.5 115.7 155.7#

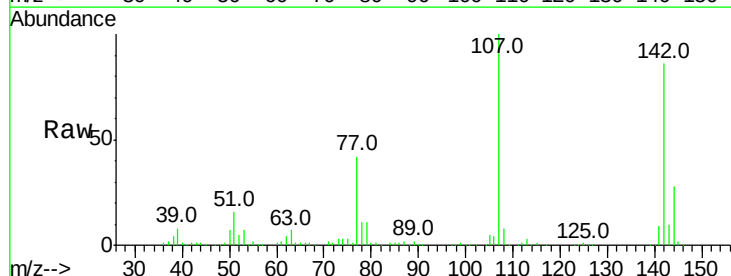


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

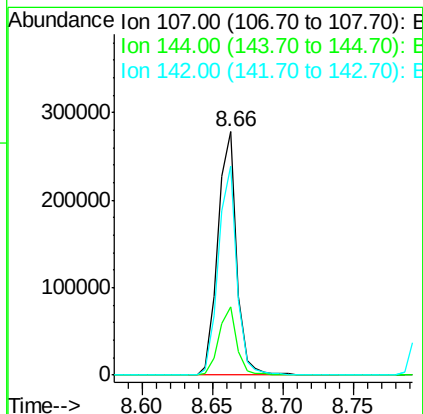
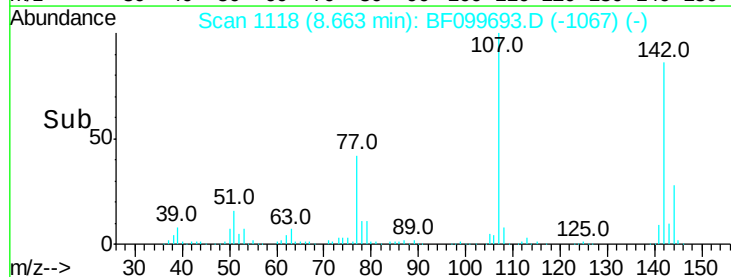


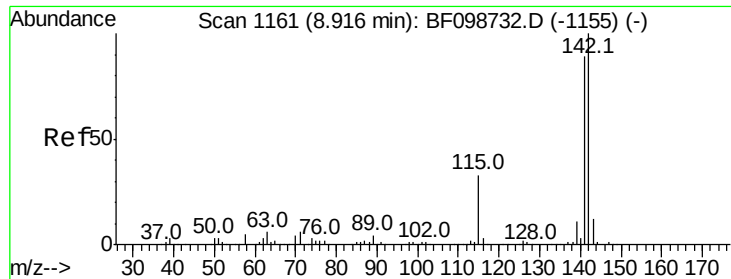
#36
 4-Chloro-3-methylphenol
 Concen: 38.932 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:107 Resp: 258547
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.5 30.7
 142 85.8 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

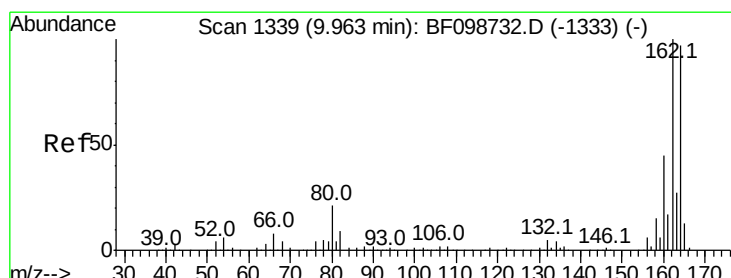
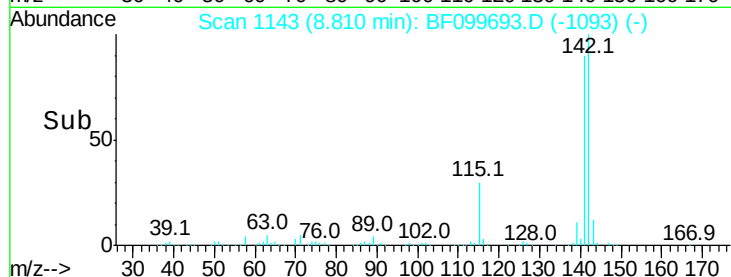
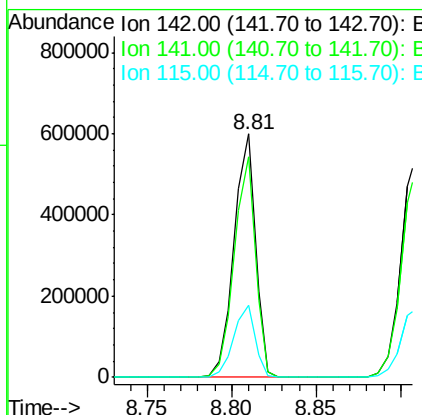
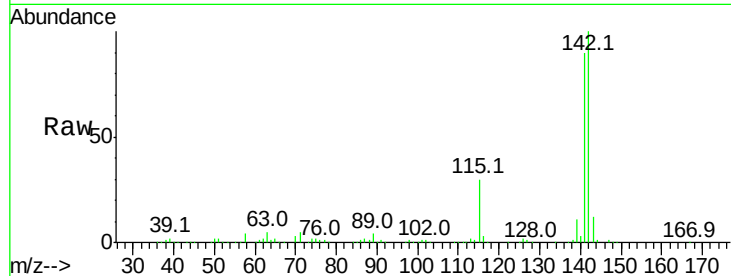




#37
 2-Methylnaphthalene
 Concen: 40.445 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

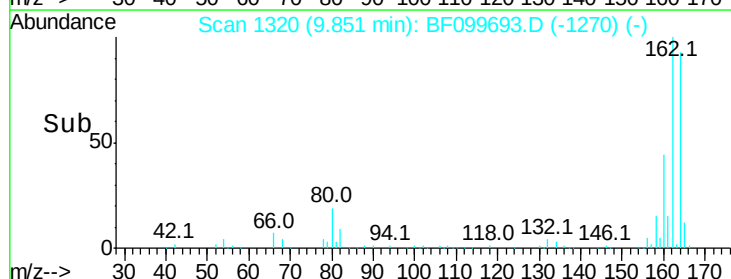
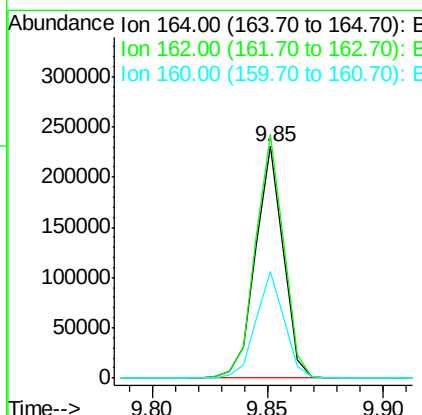
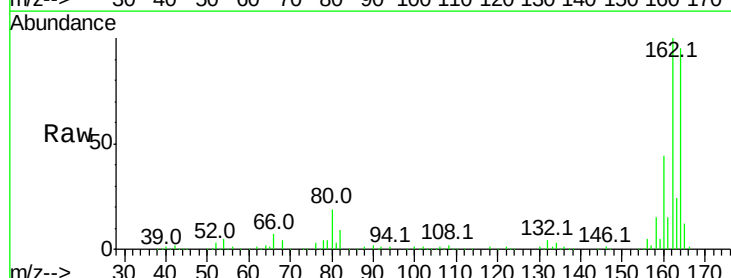
Instrument :
 BNA_F
 ClientSampleId :

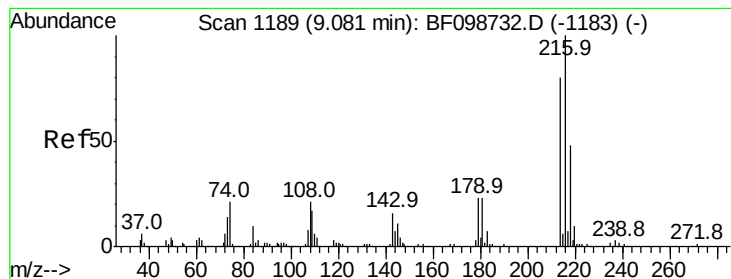
Tot Ion:142 Resp: 529002
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 115 29.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:164 Resp: 193861
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.147 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249452

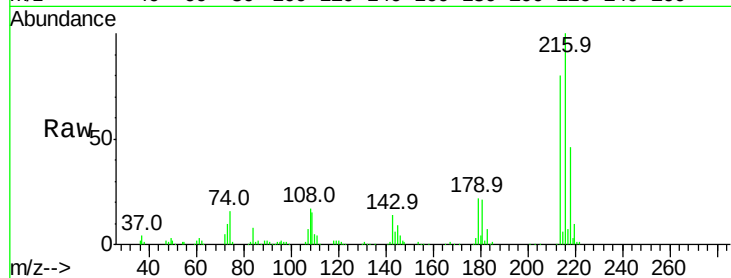
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.0 18.1 27.1

108 18.5 17.2 25.8

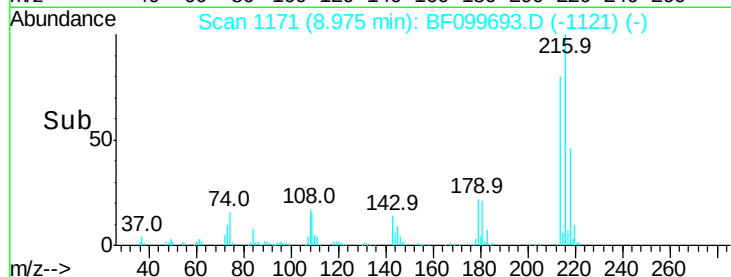


Abundance Ion 216.00 (215.70 to 216.70): E

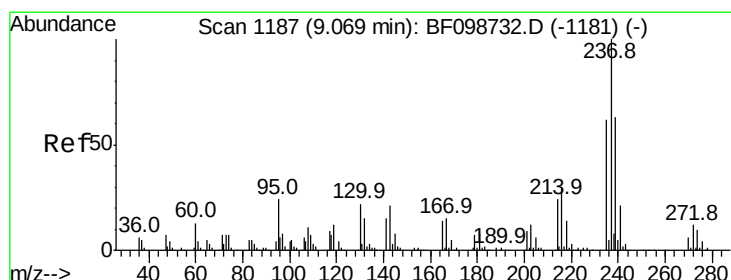
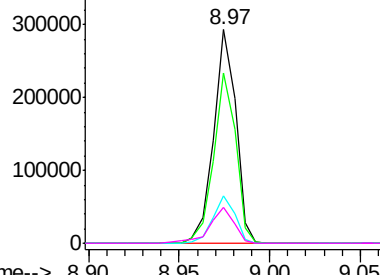
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 8.95 9.00 9.05



#40

Hexachlorocyclopentadiene

Concen: 36.854 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

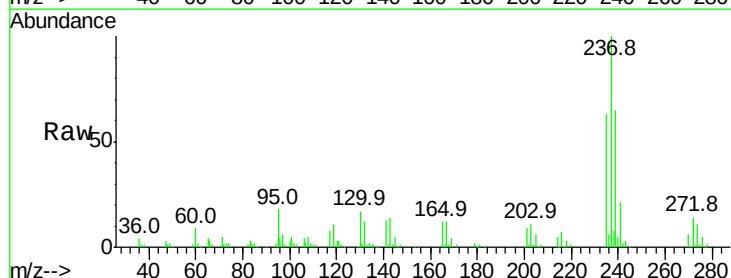
Tgt Ion:237 Resp: 97372

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

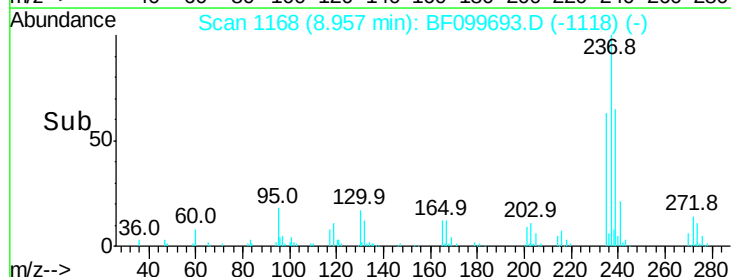
272 13.6 0.0 33.3



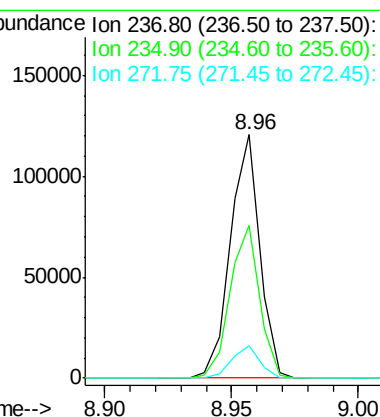
Abundance Ion 236.80 (236.50 to 237.50): E

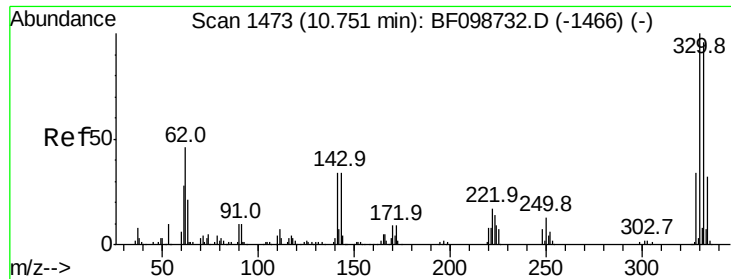
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.90 8.95 9.00

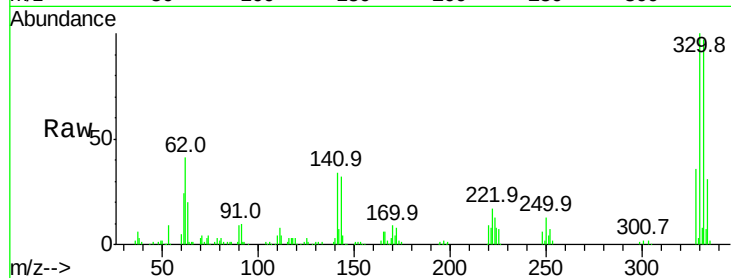




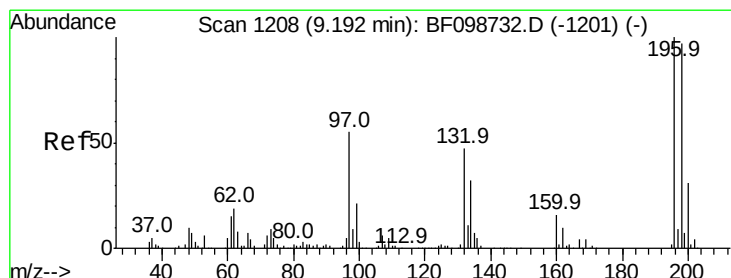
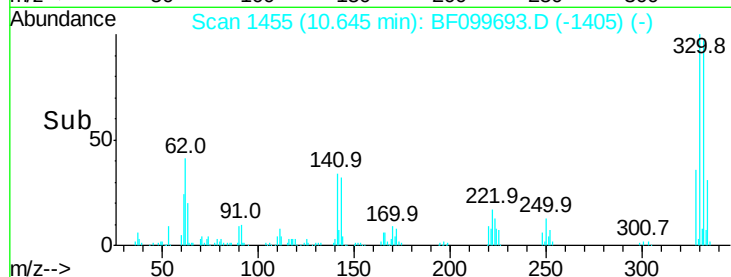
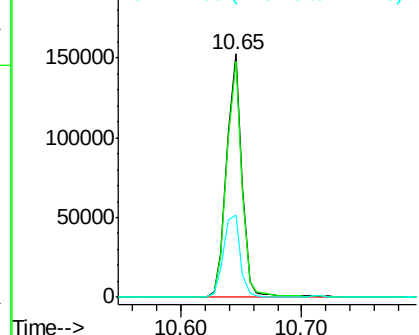
#41
 2,4,6-Tribromophenol
 Concen: 84.801 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 134521
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 37.1 29.9 44.9

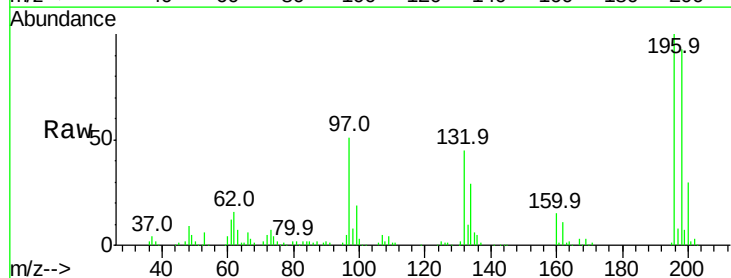


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

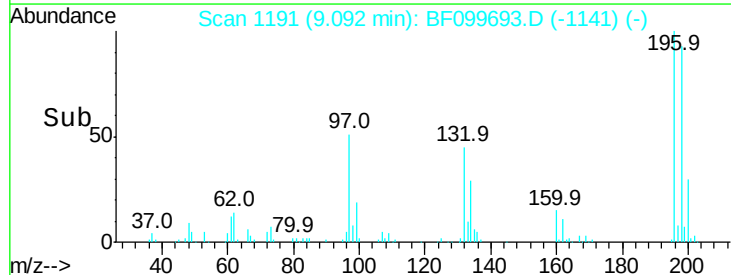
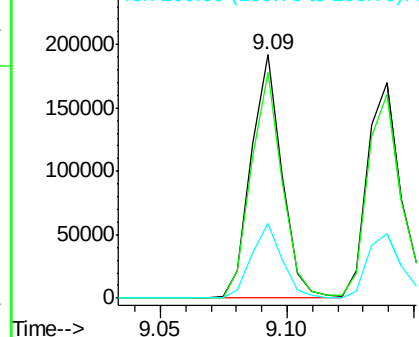


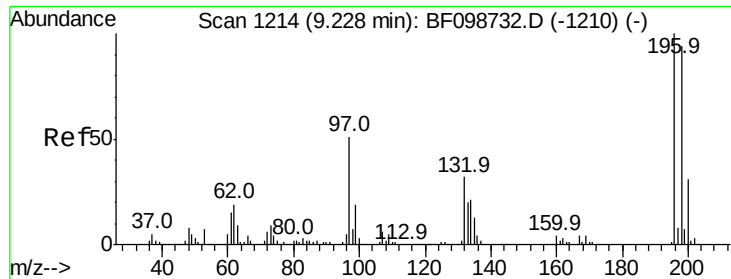
#42
 2,4,6-Trichlorophenol
 Concen: 39.826 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:196 Resp: 163118
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.7 113.5
 200 30.4 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

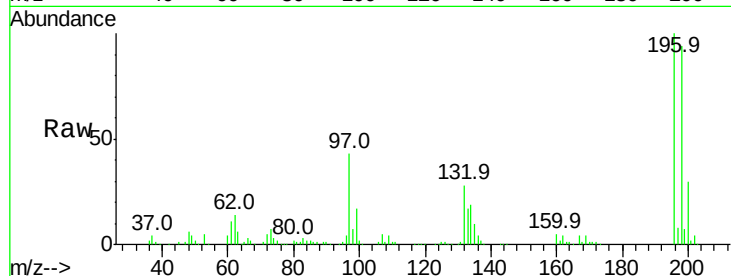




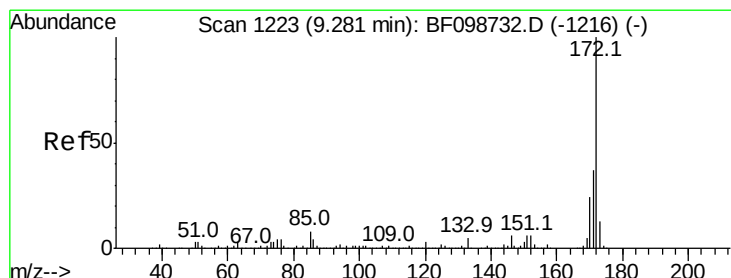
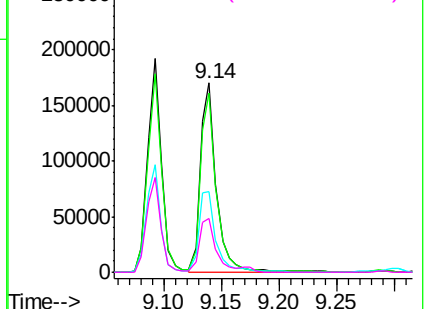
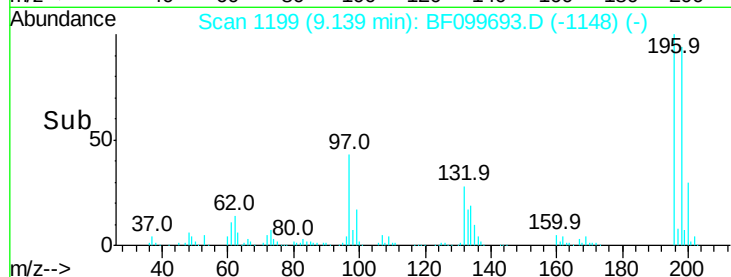
#43
 2,4,5-Trichlorophenol
 Concen: 40.451 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 165390
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 42.7 42.9 64.3#
 132 28.1 26.3 39.5

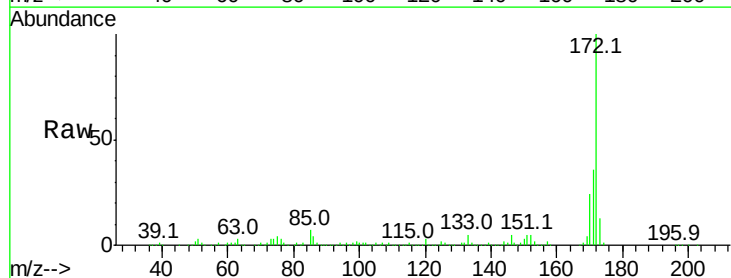


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

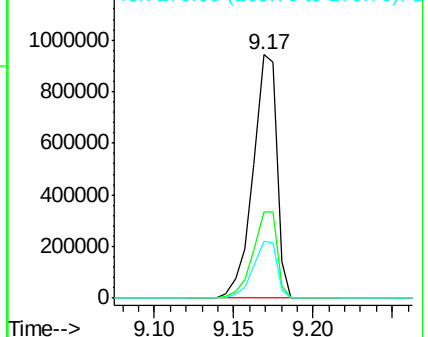
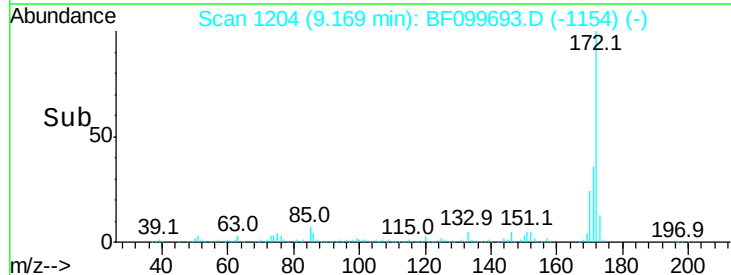


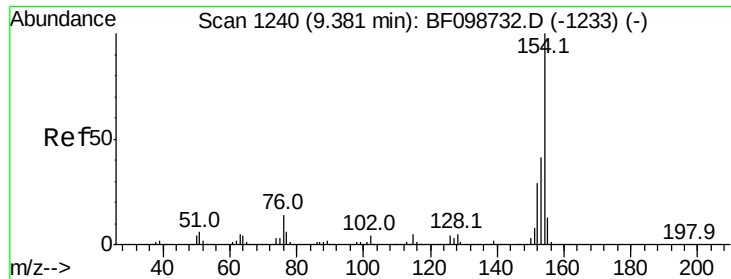
#44
 2-Fluorobiphenyl
 Concen: 85.156 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:172 Resp: 988872
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

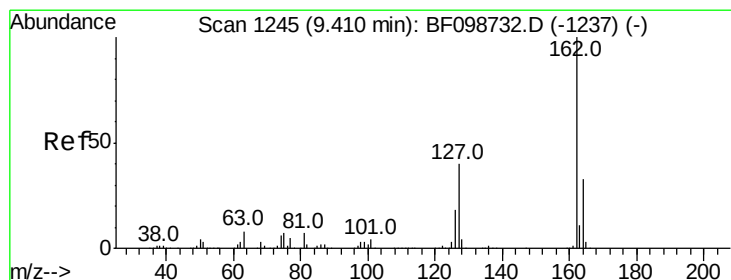
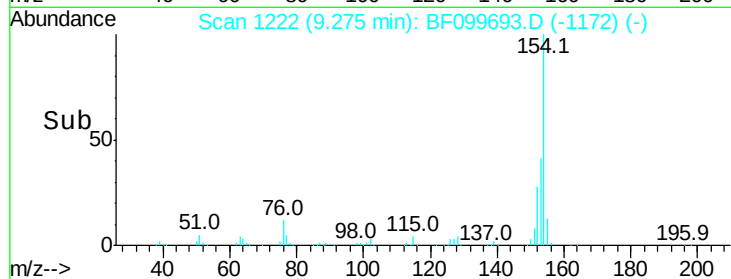
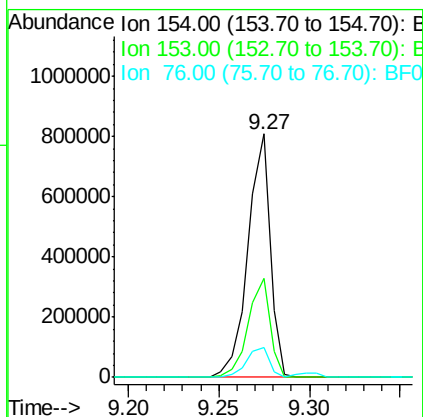
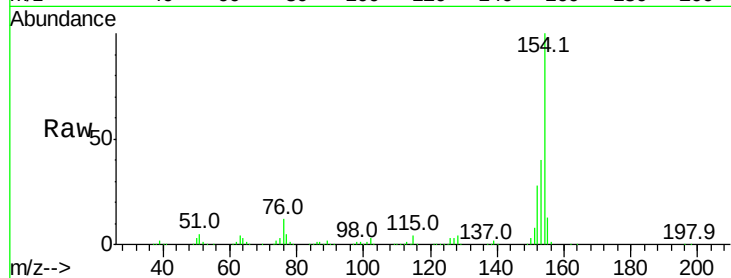




#45
 1,1'-Biphenyl
 Concen: 41.406 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

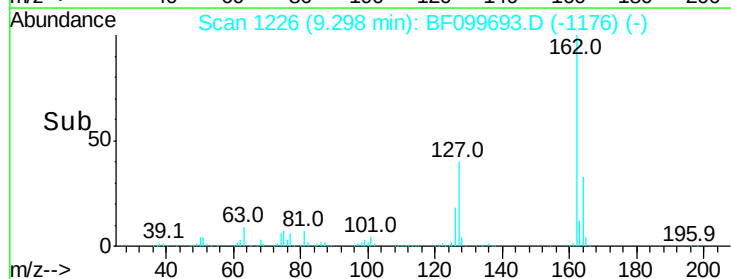
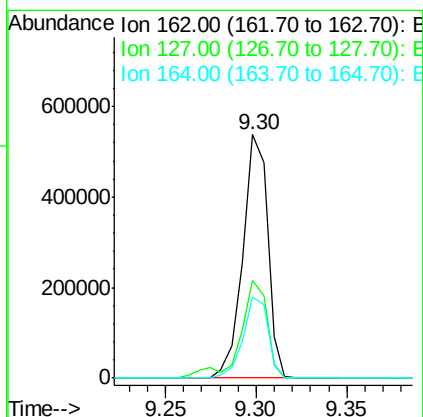
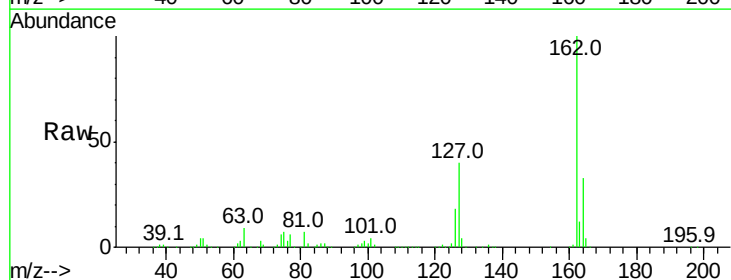
Instrument :
 BNA_F
 ClientSampleId :

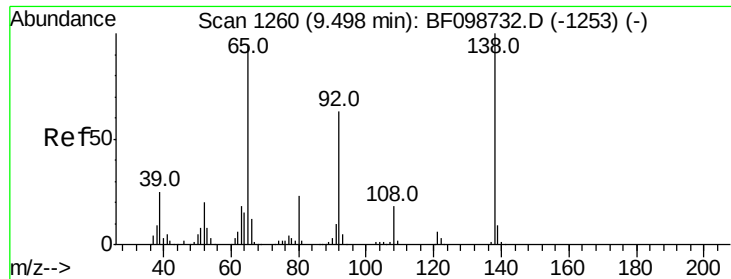
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 41.126 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.2	26.5	39.7

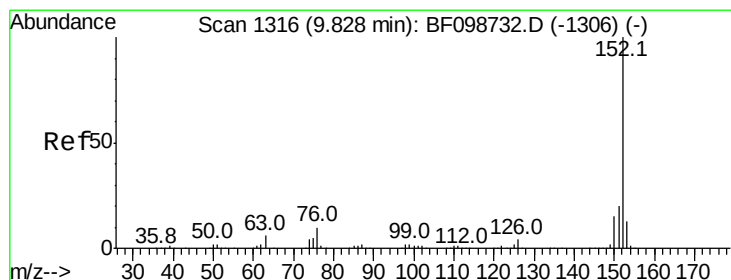
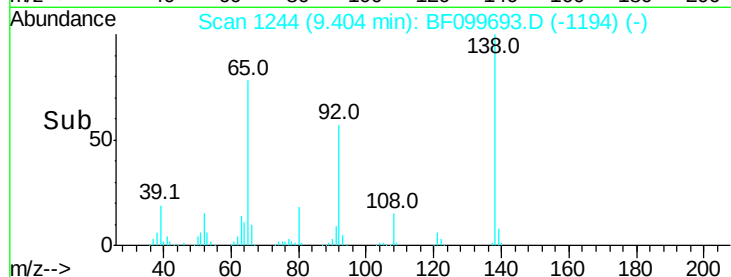
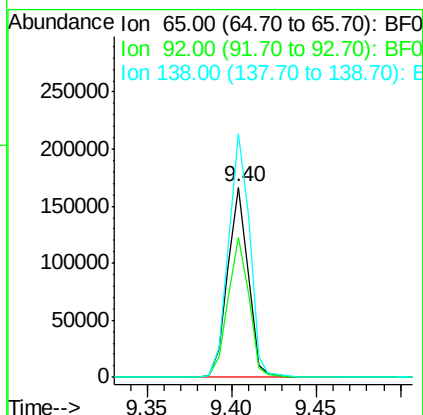
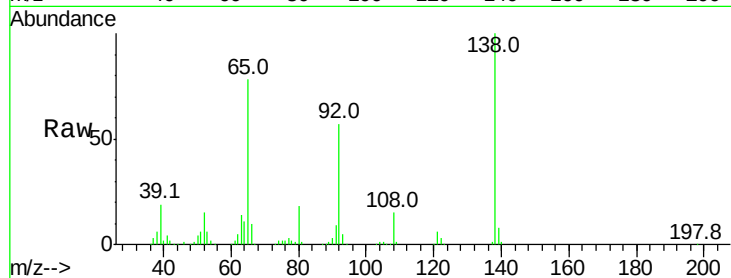




#47
2-Nitroaniline
Concen: 36.730 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

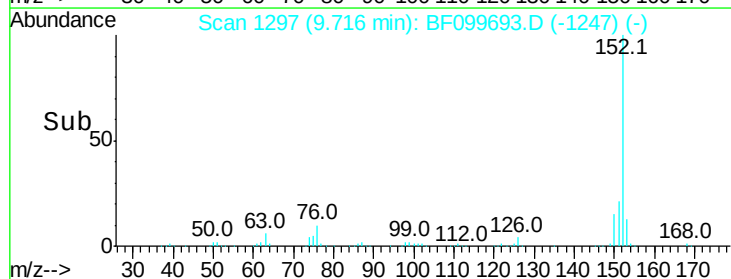
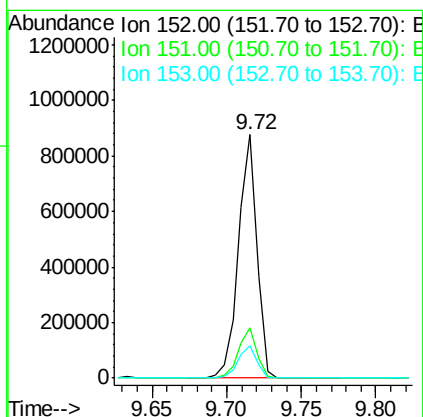
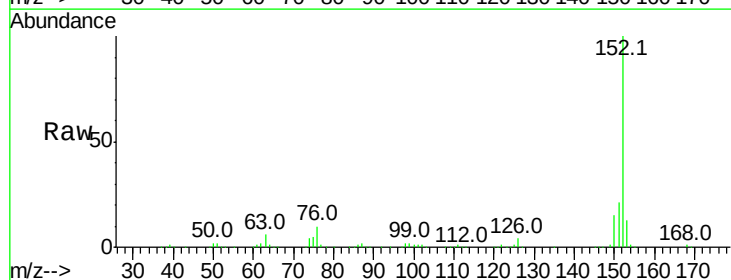
Instrument :
BNA_F
ClientSampleId :

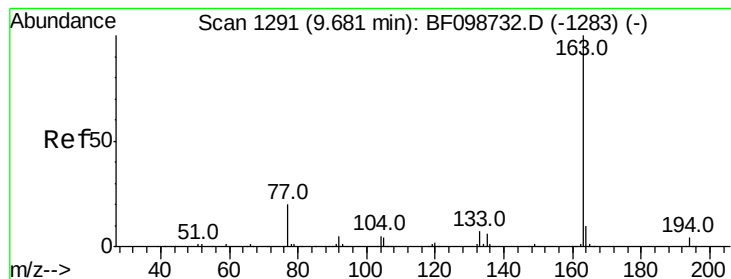
Tot Ion: 65 Resp: 140691
Ion Ratio Lower Upper
65 100
92 73.6 55.8 83.6
138 128.2 91.2 136.8



#48
Acenaphthylene
Concen: 39.669 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion: 152 Resp: 759661
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 41.247 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

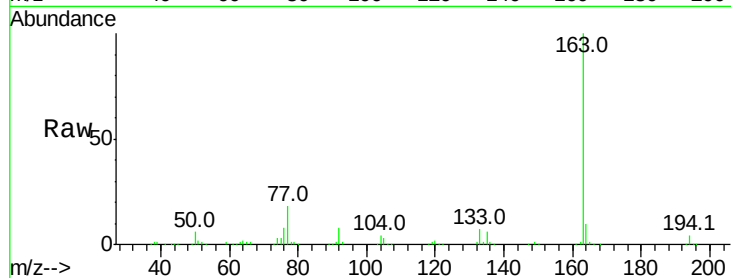
Tot Ion:163 Resp: 603501

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

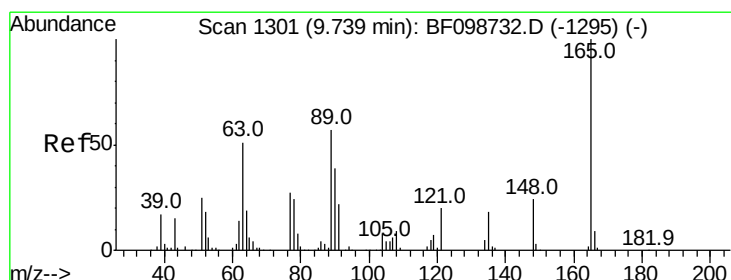
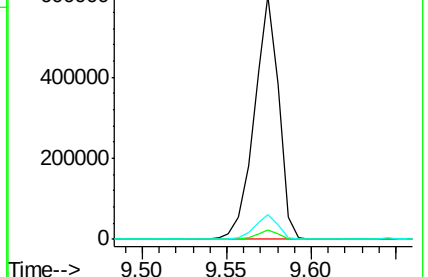
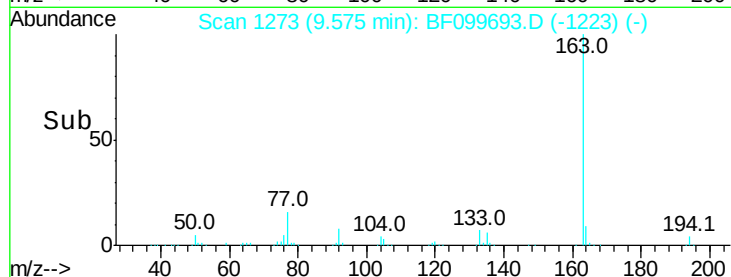
164 10.0 8.2 12.2



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: 42.835 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

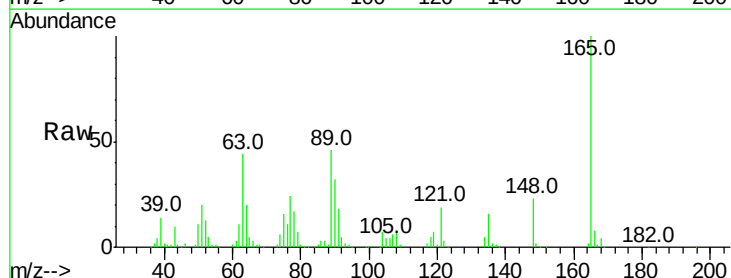
Tgt Ion:165 Resp: 136447

Ion Ratio Lower Upper

165 100

63 43.8 44.7 67.1#

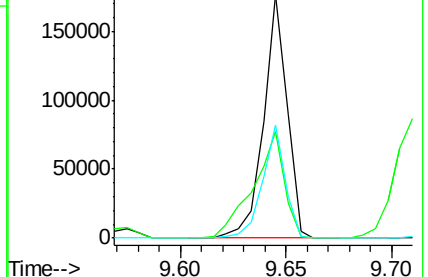
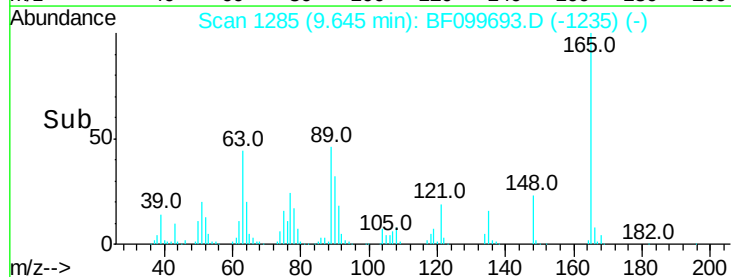
89 46.3 44.0 66.0

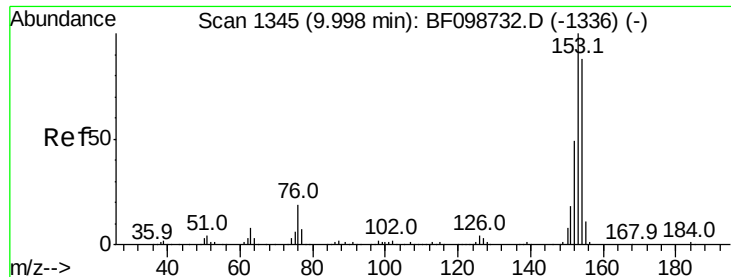


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.677 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

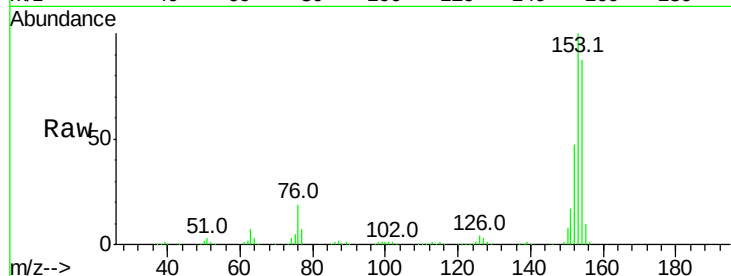
Tot Ion:154 Resp: 457040

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

152 53.9 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

800000

600000

400000

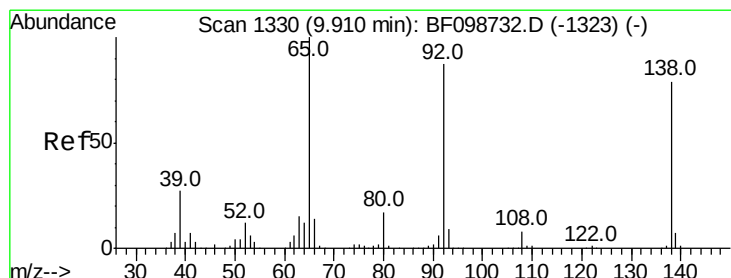
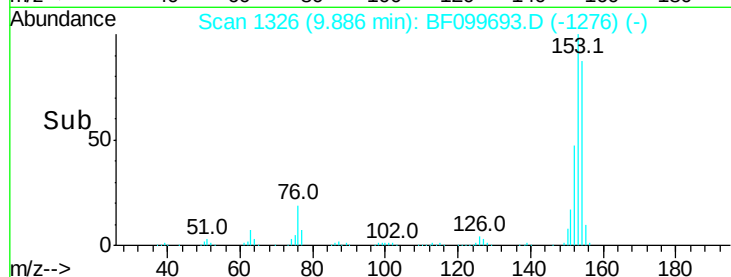
200000

0

9.89

9.80 9.85 9.90

Time-->



#52

3-Nitroaniline

Concen: 42.234 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

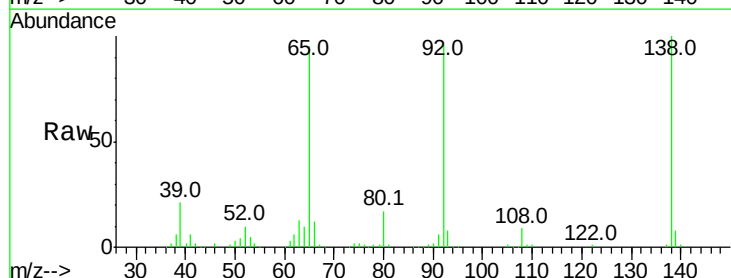
Tgt Ion:138 Resp: 156865

Ion Ratio Lower Upper

138 100

108 9.1 9.4 14.0#

92 96.0 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

200000

150000

100000

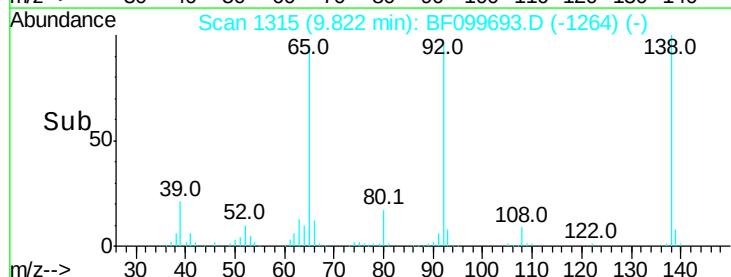
50000

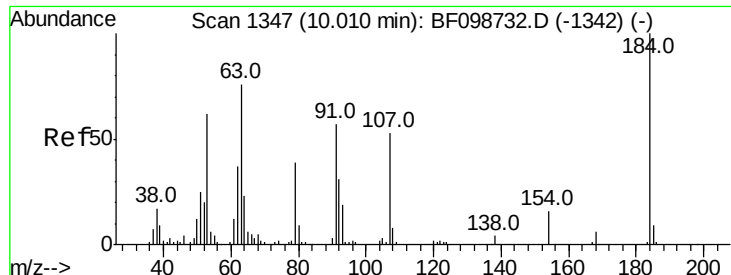
0

9.82

9.75 9.80 9.85

Time-->

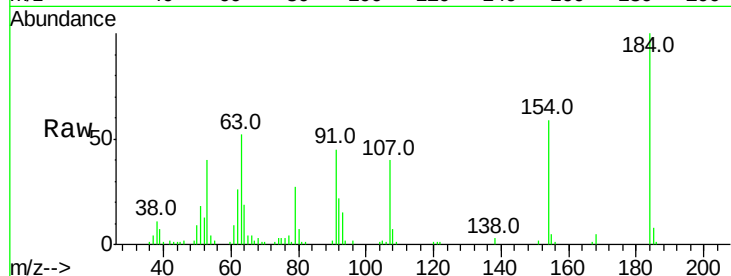




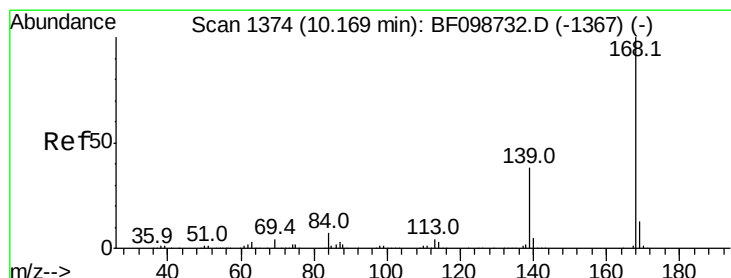
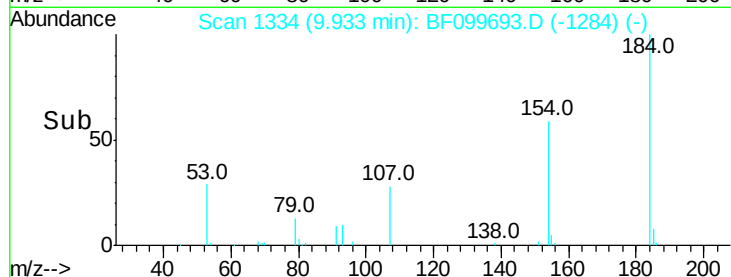
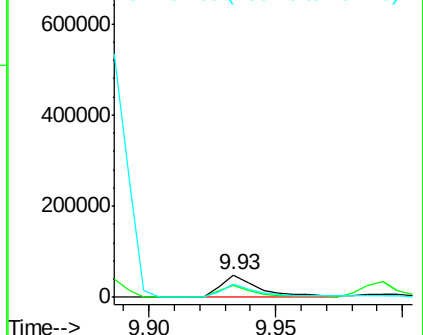
#53
2,4-Dinitrophenol
Concen: 35.041 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 52254
Ion Ratio Lower Upper
184 100
63 52.3 54.2 81.2#
154 58.8 53.5 80.3

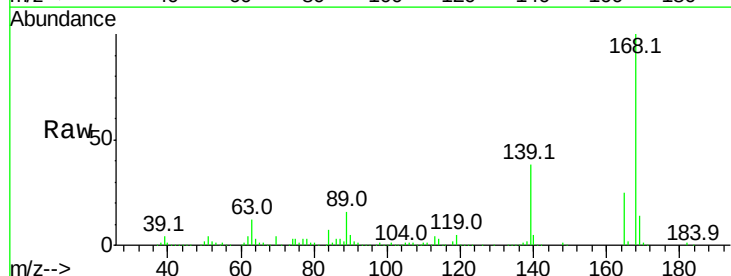


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

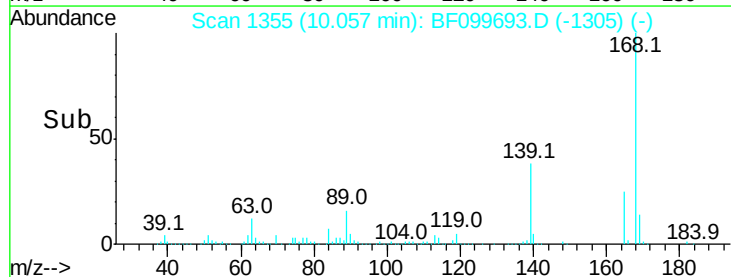
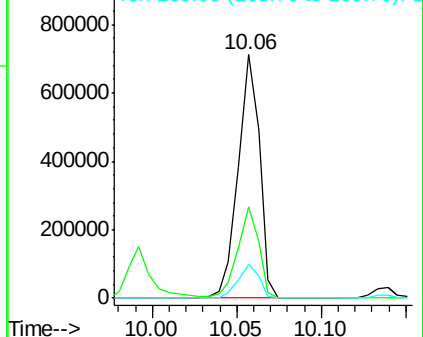


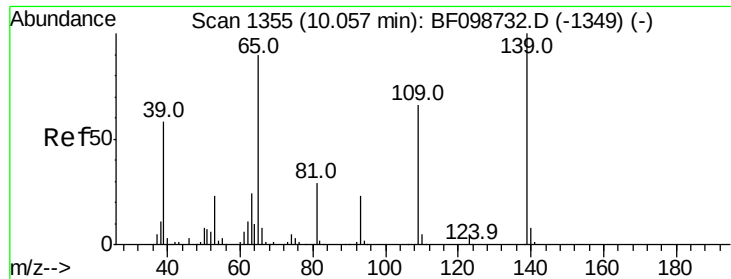
#54
Dibenzofuran
Concen: 38.756 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:168 Resp: 625959
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.6 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

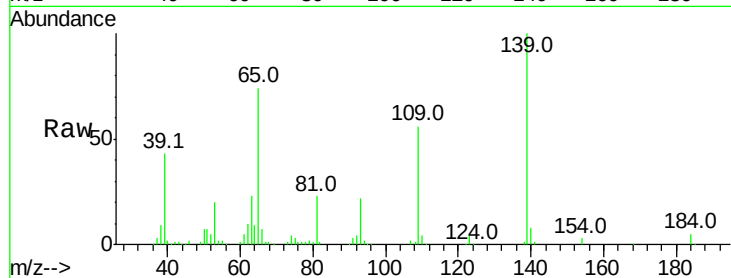




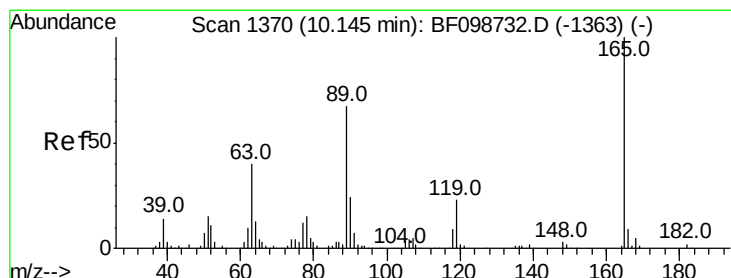
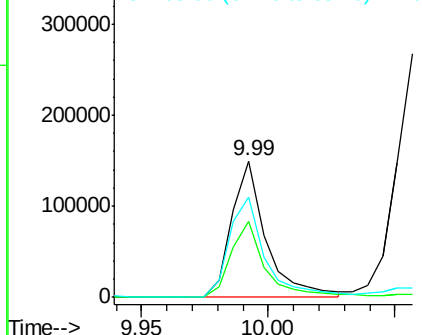
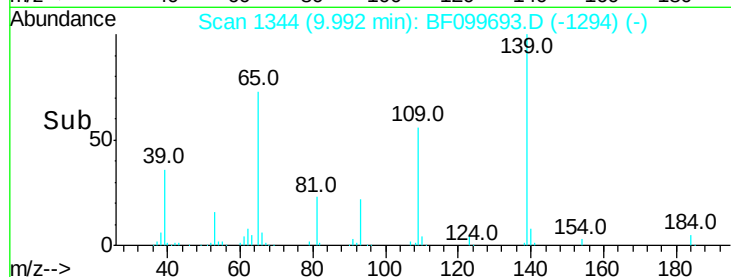
#55
4-Nitrophenol
Concen: 45.105 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 141655
Ion Ratio Lower Upper
139 100
109 55.7 48.4 88.4
65 73.8 72.6 112.6

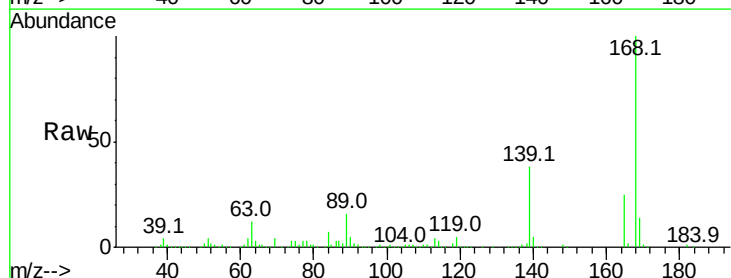


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

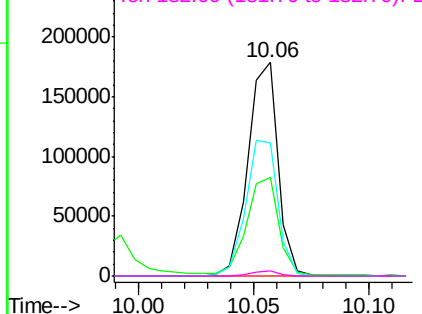
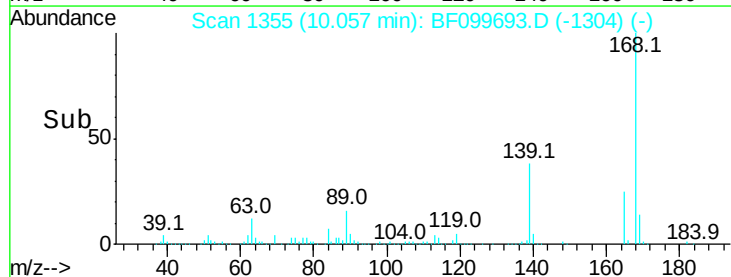


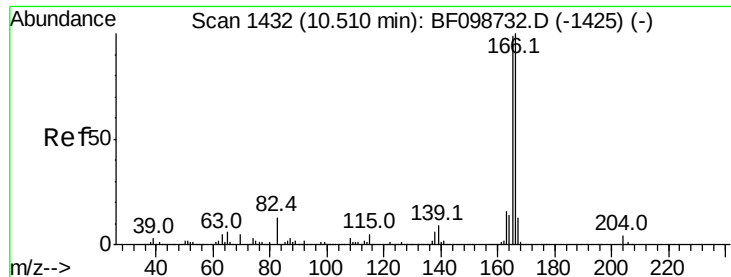
#56
2,4-Dinitrotoluene
Concen: 39.510 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:165 Resp: 163336
Ion Ratio Lower Upper
165 100
63 45.9 36.4 54.6
89 62.4 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: 41.859 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

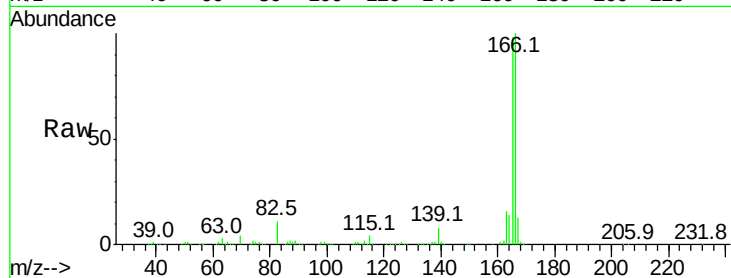
Tot Ion:166 Resp: 543413

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

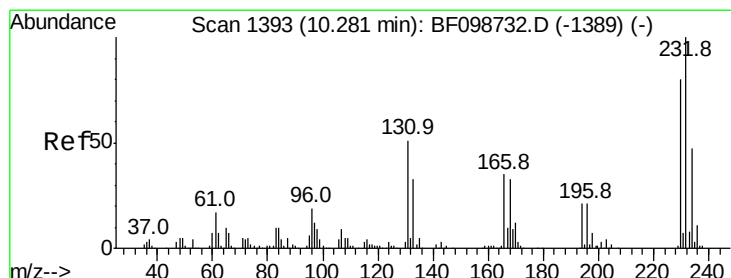
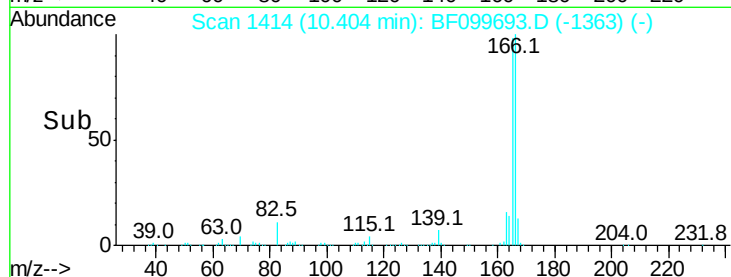
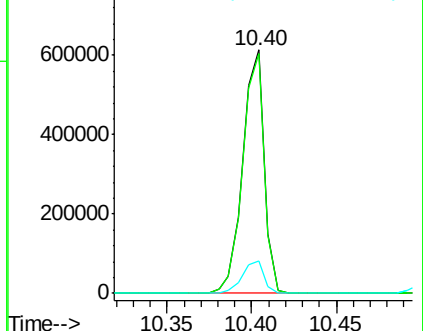
167 13.4 10.6 16.0



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: 39.660 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Tgt Ion:232 Resp: 112016

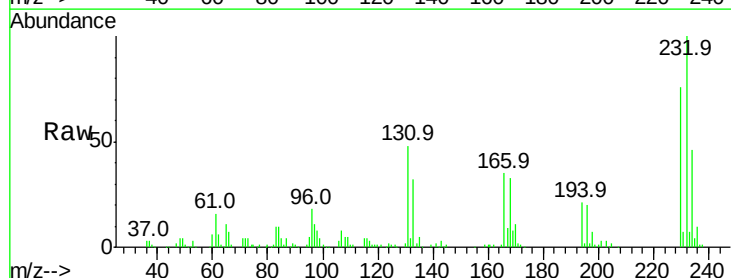
Ion Ratio Lower Upper

232 100

131 48.2 43.8 65.8

130 2.2 2.1 3.1

166 34.8 27.8 41.6

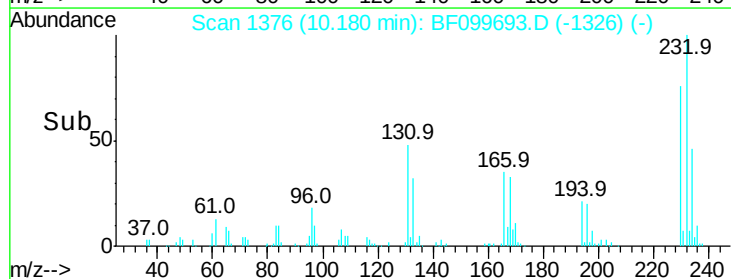
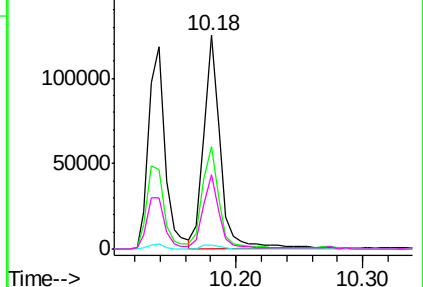


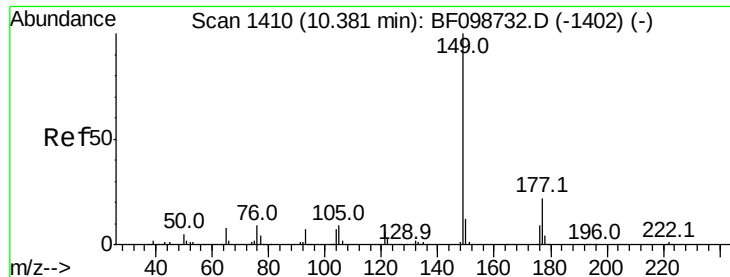
Abundance Ion 232.00 (231.70 to 232.70): E

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

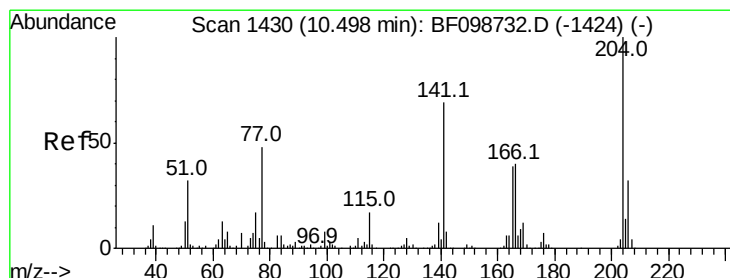
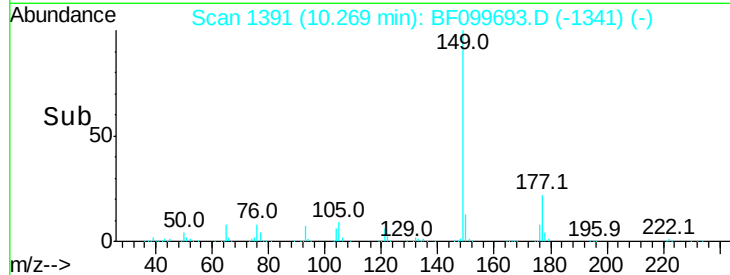
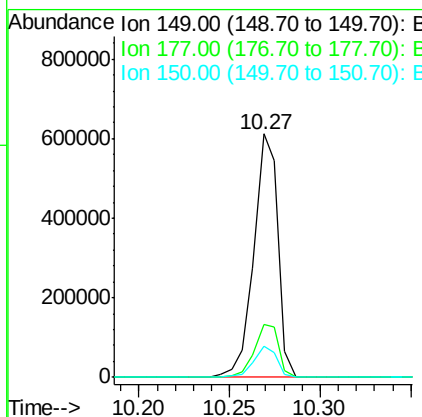
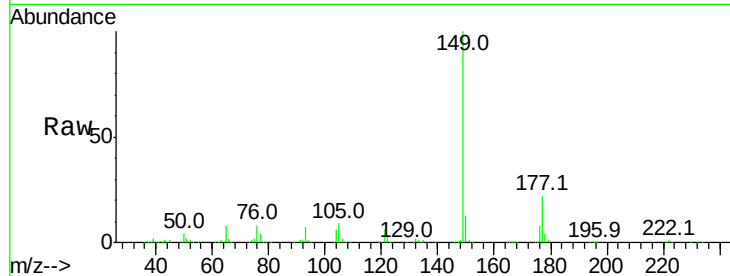




#59
Diethylphthalate
Concen: 39.406 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

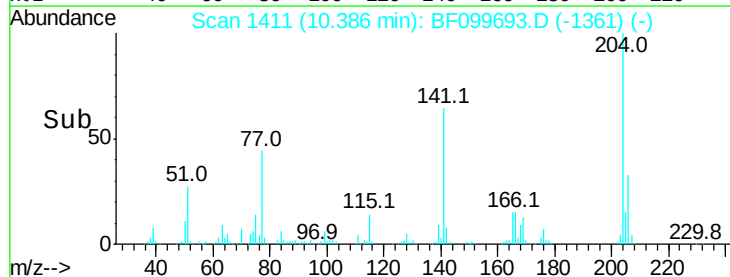
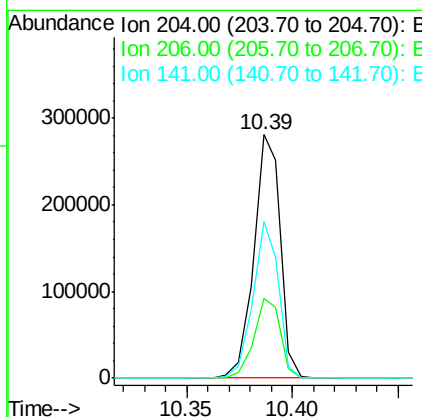
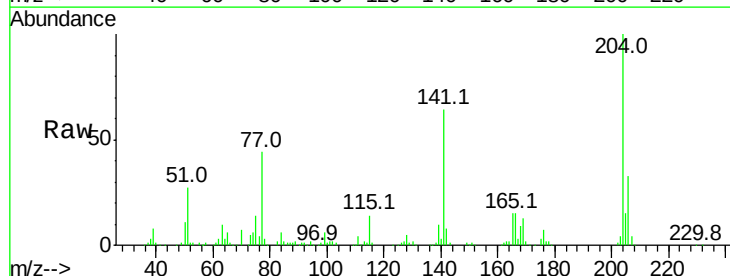
Instrument :
BNA_F
ClientSampleId :

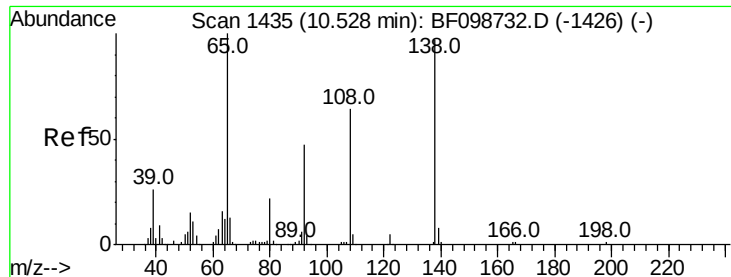
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.836 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	64.5	54.6	81.8

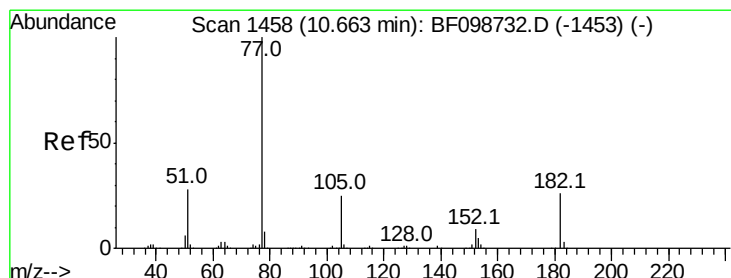
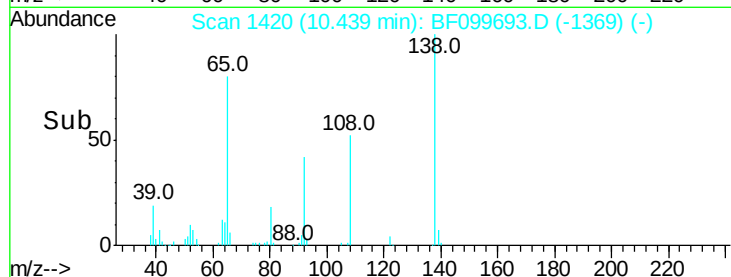
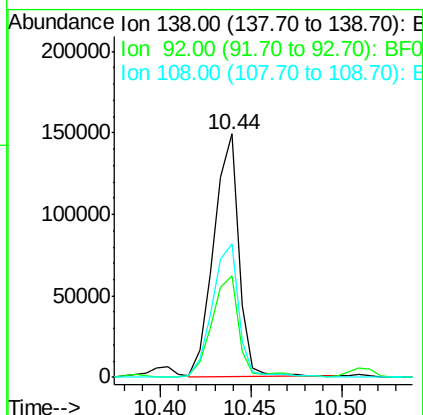
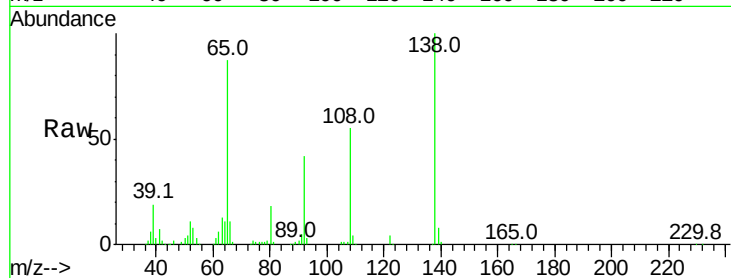




#61
4-Nitroaniline
Concen: 40.045 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

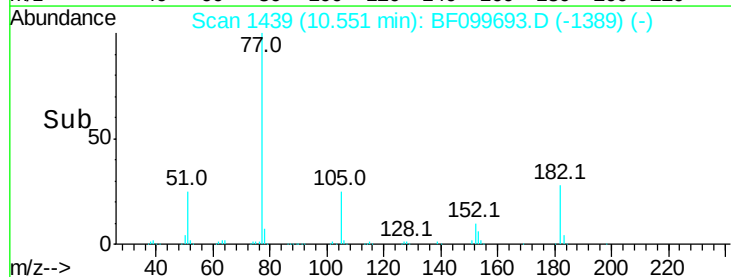
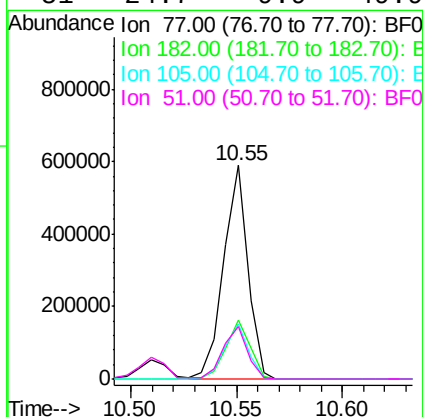
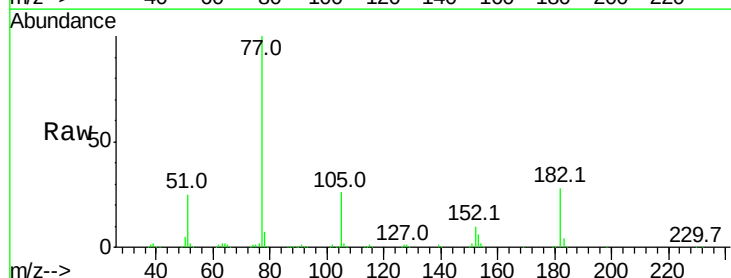
Instrument :
BNA_F
ClientSampled :

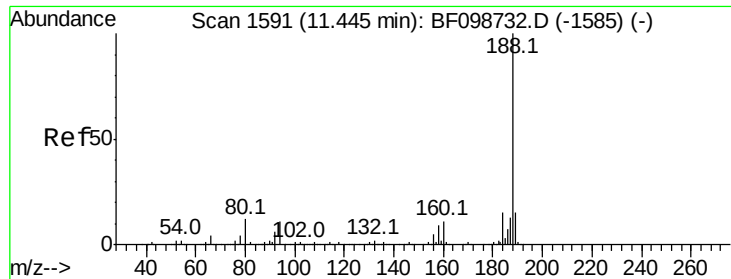
Tot Ion:138 Resp: 143493
Ion Ratio Lower Upper
138 100
92 41.7 30.2 70.2
108 54.9 52.5 92.5



#62
Azobenzene
Concen: 35.562 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion: 77 Resp: 467498
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 26.0 3.0 43.0
51 24.7 9.9 49.9

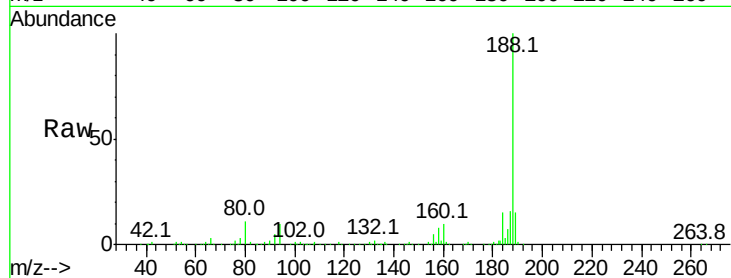




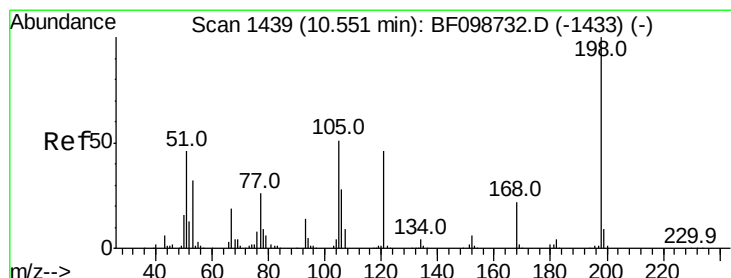
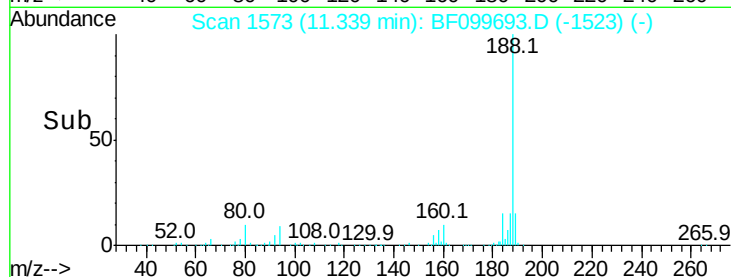
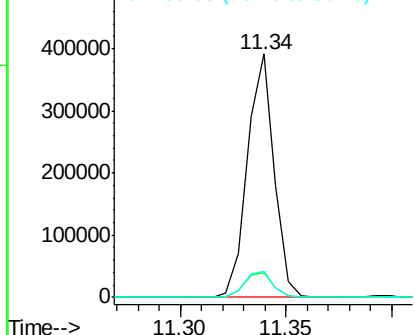
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 341575
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8

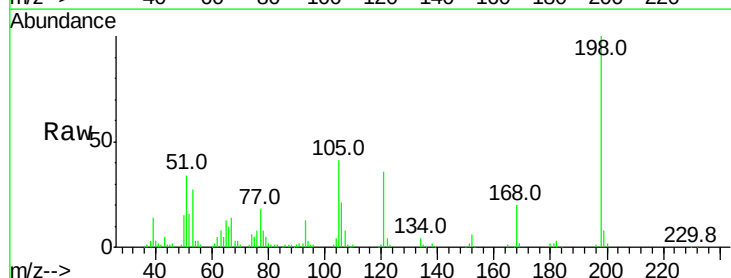


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

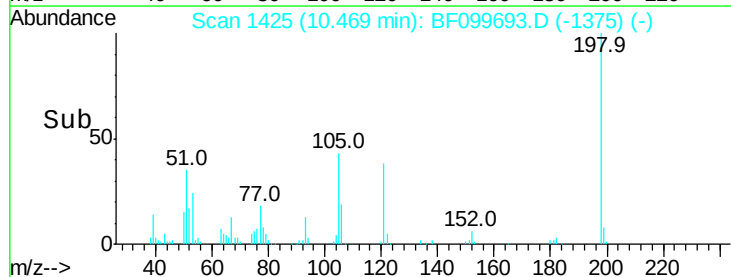
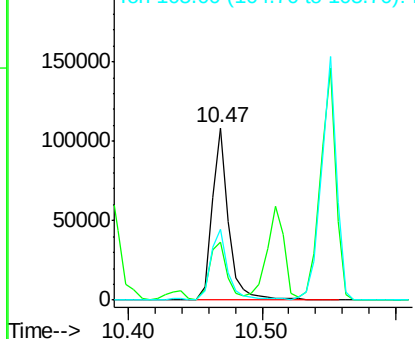


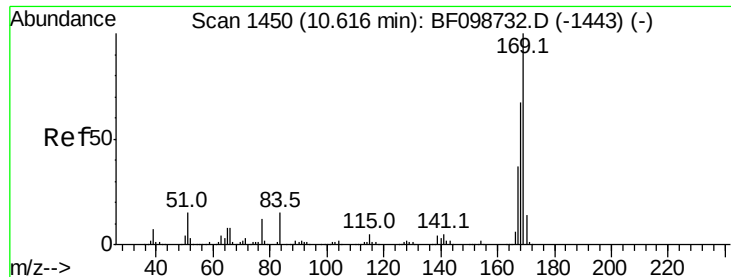
#64
4,6-Dinitro-2-methylphenol
Concen: 45.129 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:198 Resp: 93788
Ion Ratio Lower Upper
198 100
51 33.5 37.7 77.7#
105 41.3 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

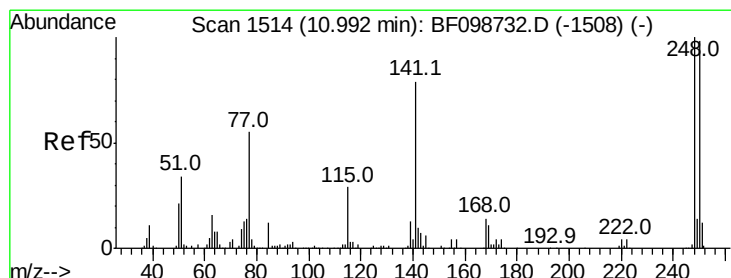
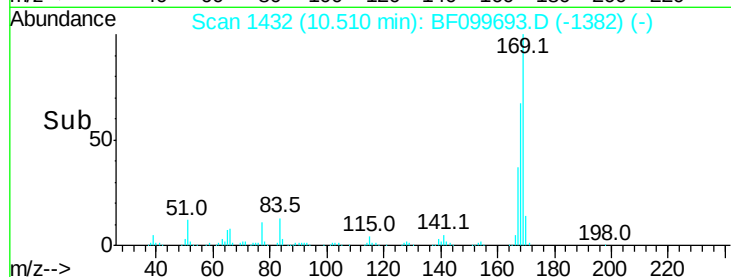
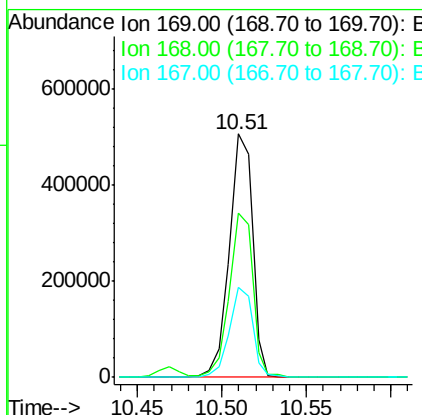
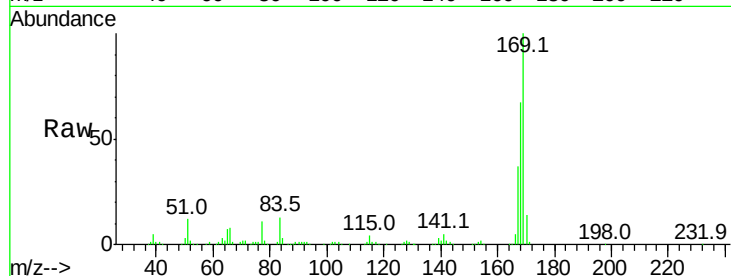




#65
n-Nitrosodiphenylamine
Concen: 40.802 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

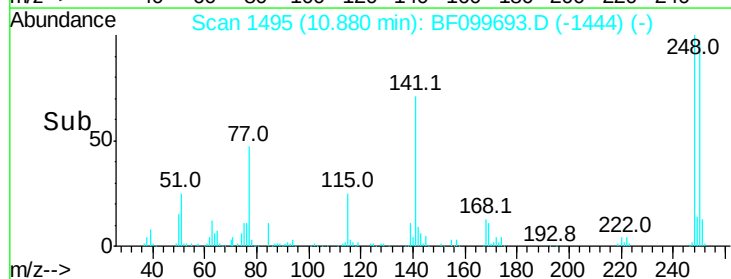
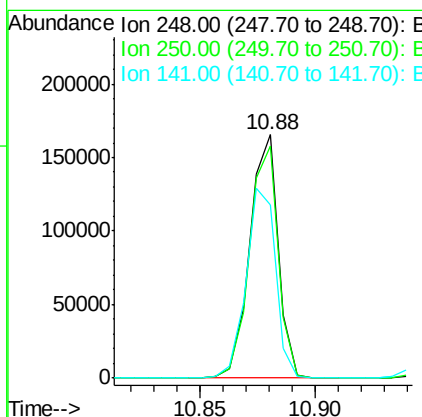
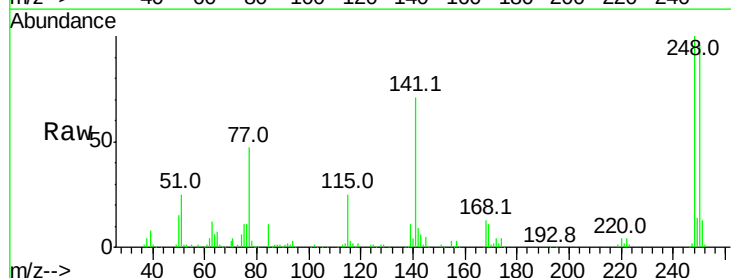
Instrument :
BNA_F
ClientSampleId :

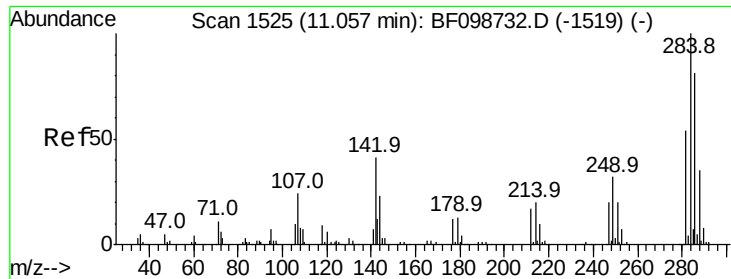
Tot Ion:169 Resp: 482821
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 36.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.692 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:248 Resp: 142739
Ion Ratio Lower Upper
248 100
250 95.6 76.9 115.3
141 71.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 42.320 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

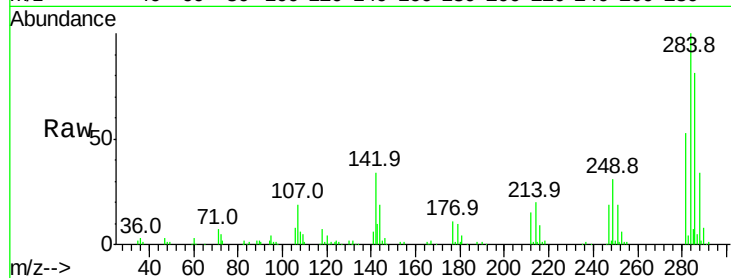
Tot Ion:284 Resp: 151124

Ion Ratio Lower Upper

284 100

142 34.4 34.6 52.0#

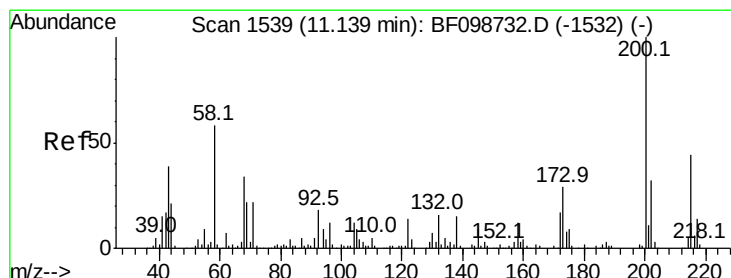
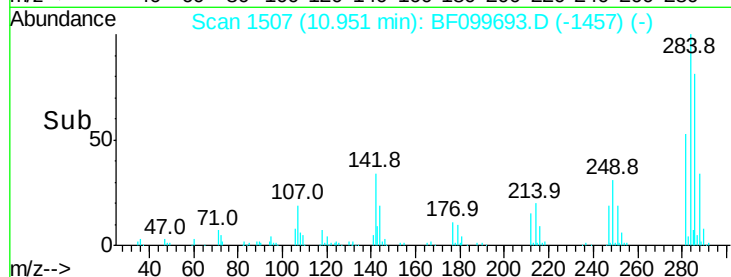
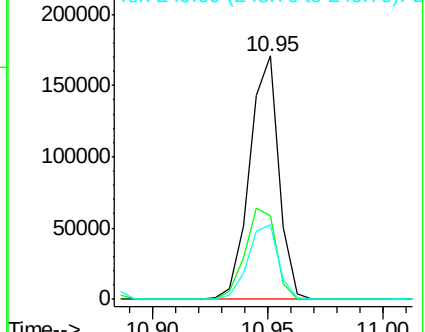
249 30.6 24.8 37.2



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: 40.137 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

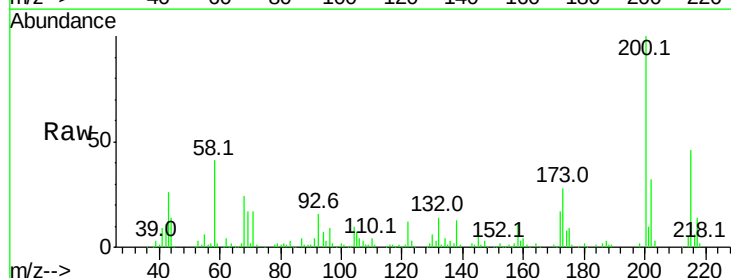
Tgt Ion:200 Resp: 142898

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

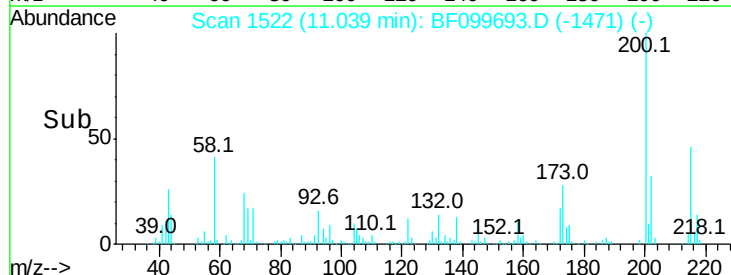
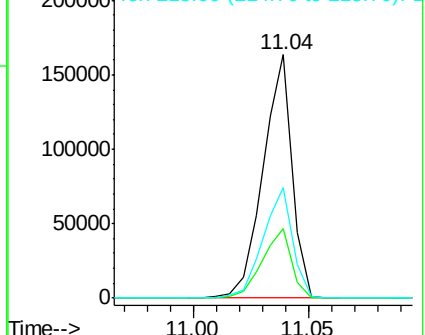
215 45.6 25.1 65.1

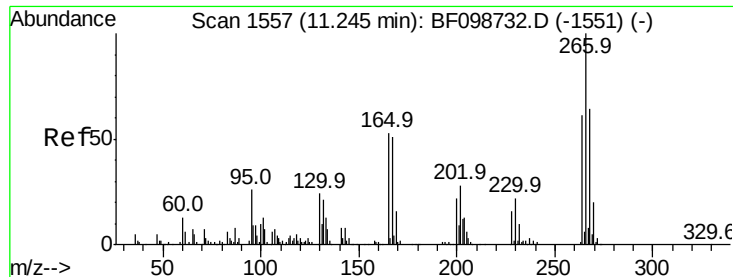


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

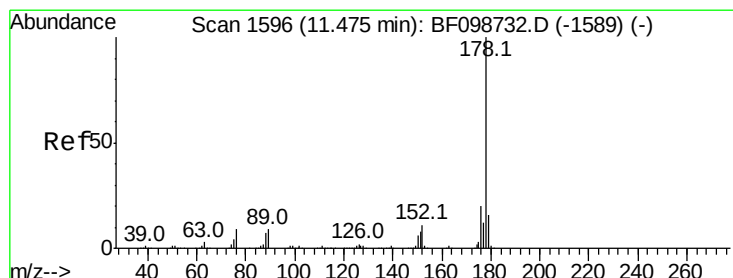
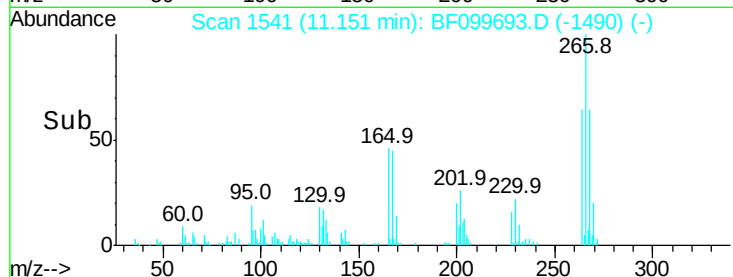
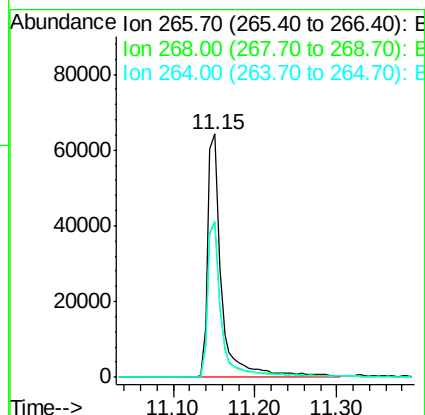
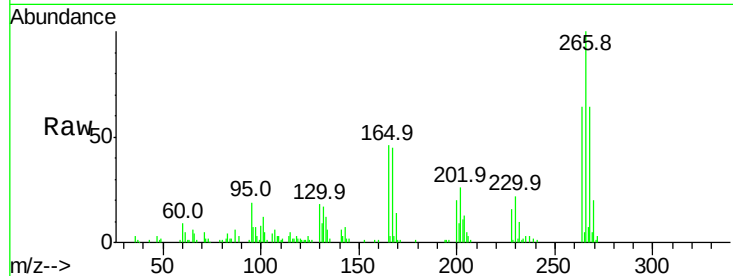




#69
 Pentachlorophenol
 Concen: 34.905 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

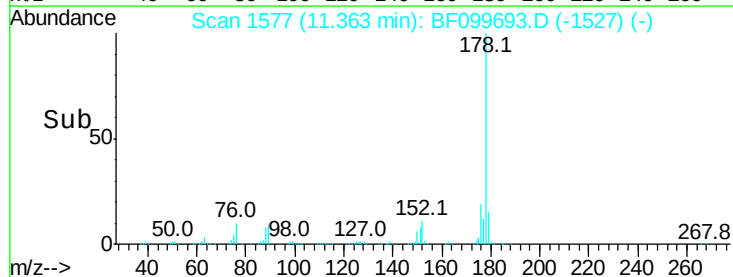
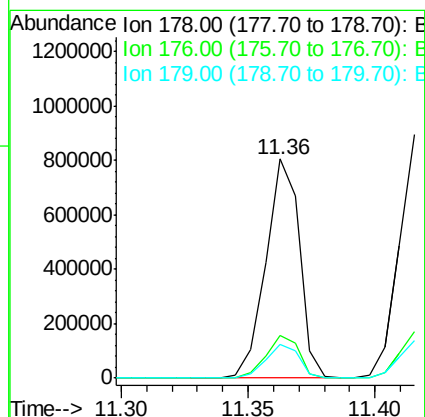
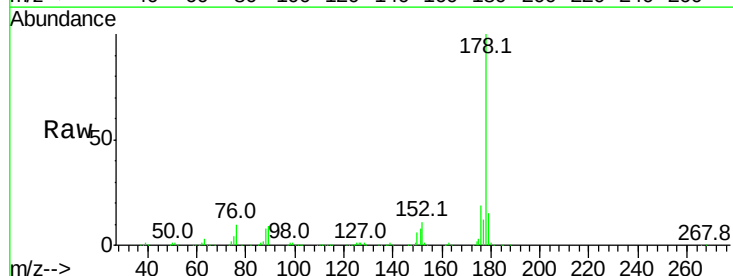
Instrument :
 BNA_F
 ClientSampled :

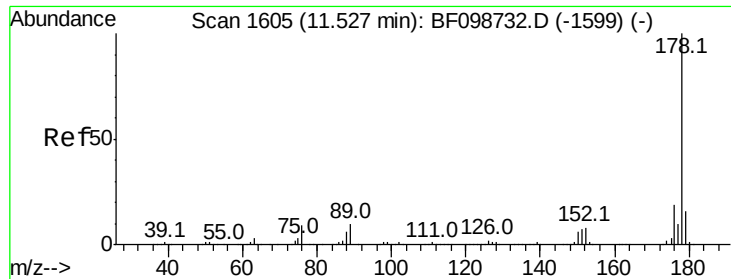
Tot Ion:266 Resp: 77574
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 41.068 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:178 Resp: 750877
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 13.0 19.6

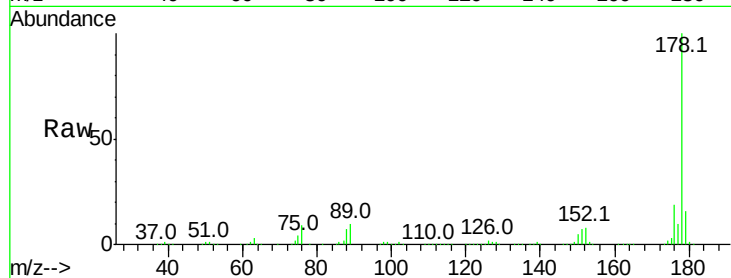




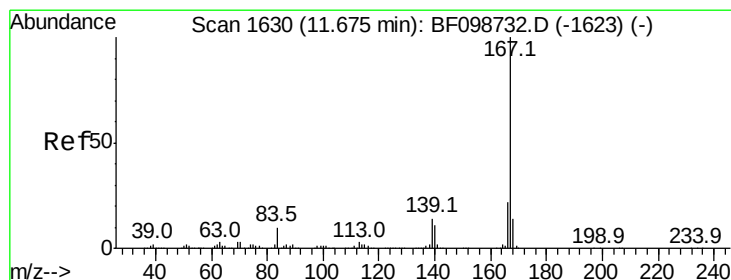
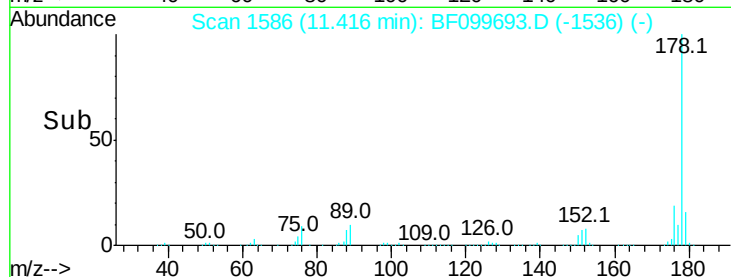
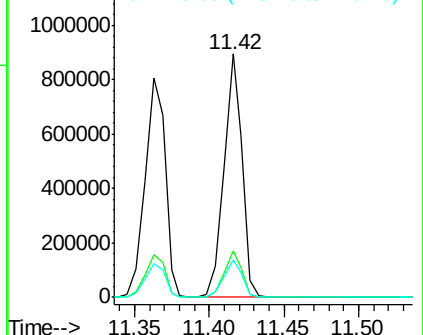
#71
 Anthracene
 Concen: 41.192 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 770598
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

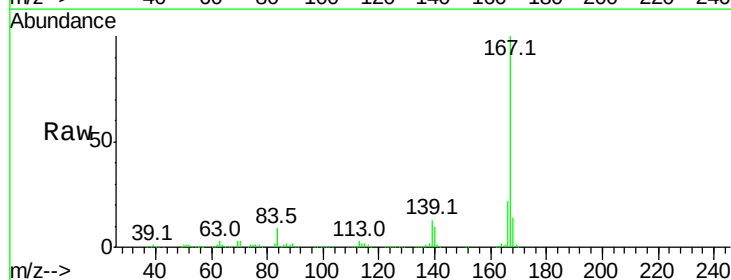


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

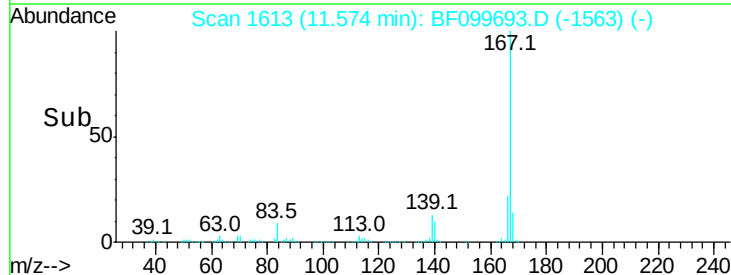
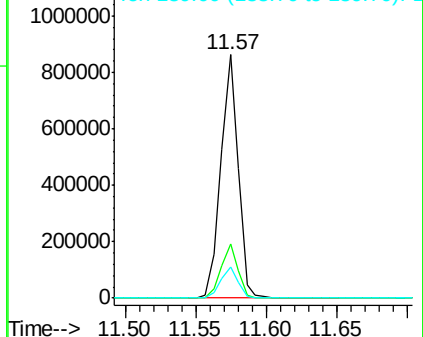


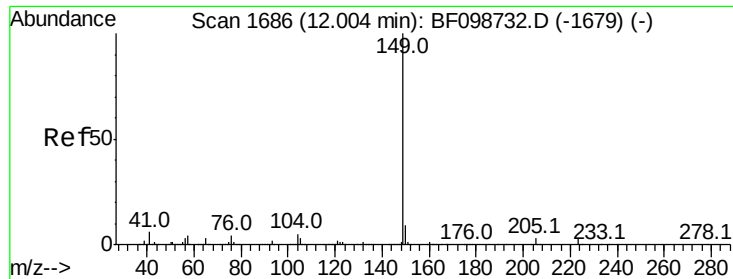
#72
 Carbazole
 Concen: 40.130 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:167 Resp: 735165
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.401 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

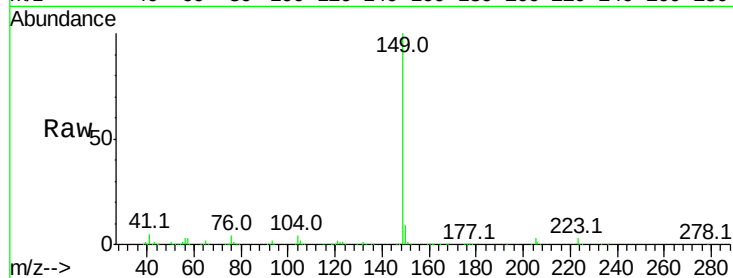
Tot Ion:149 Resp: 890888

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

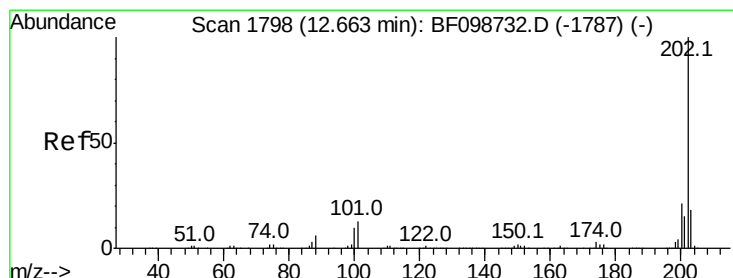
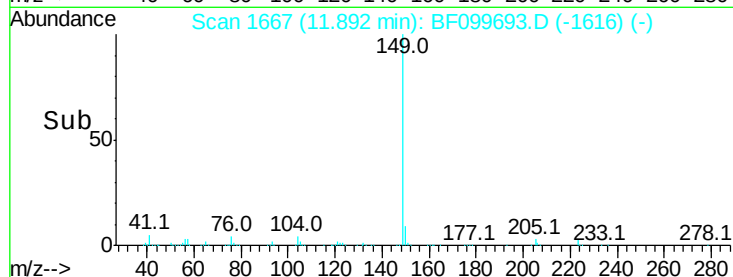
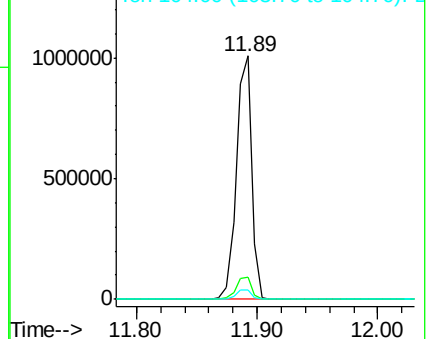
104 3.9 3.8 5.8



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: 40.758 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

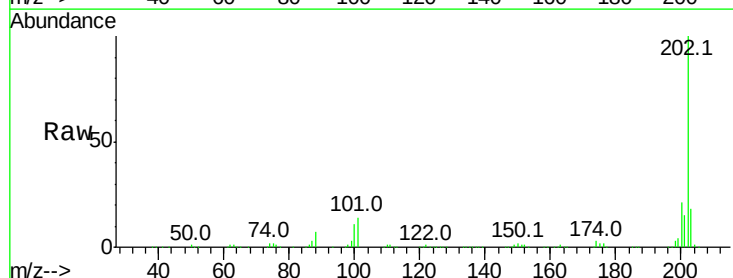
Tgt Ion:202 Resp: 754607

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

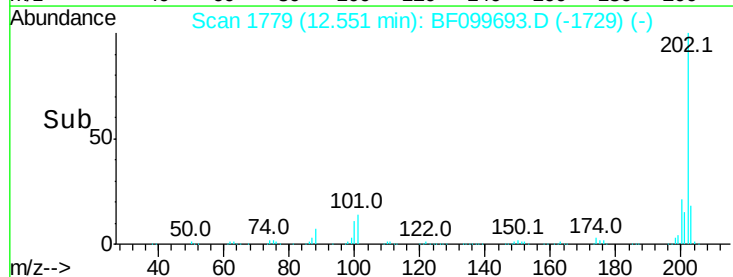
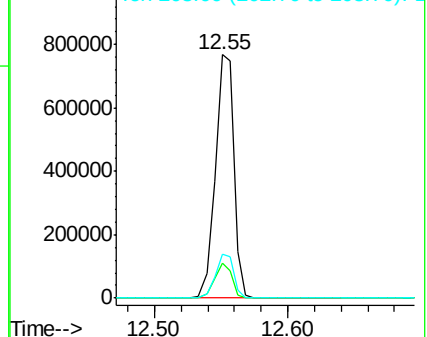
203 18.2 0.0 38.1

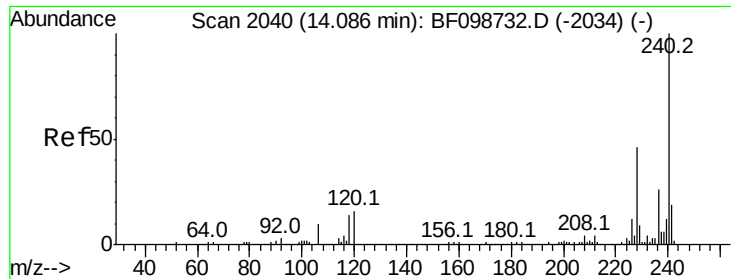


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :

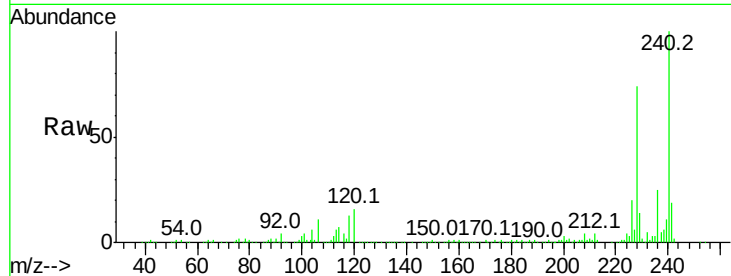
Tot Ion:240 Resp: 239172

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

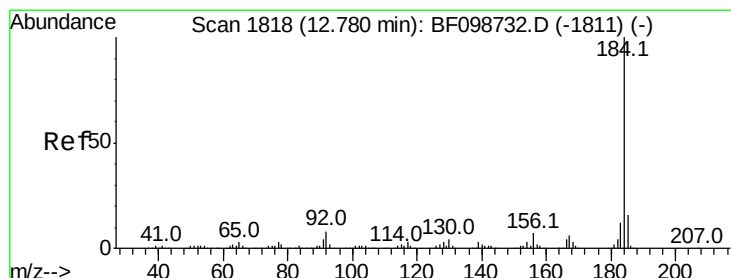
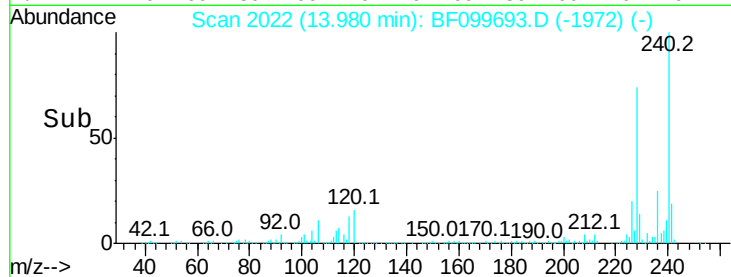
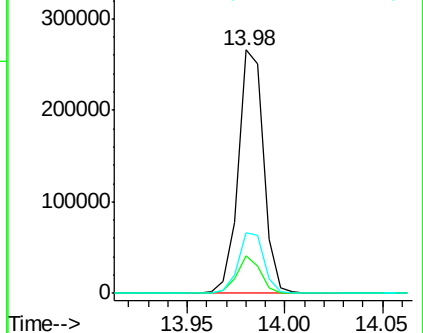
236 24.6 20.7 31.1



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: 32.708 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

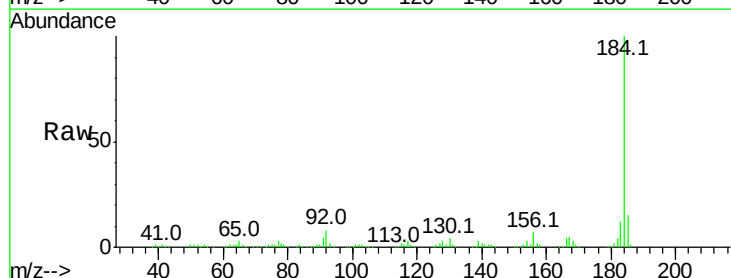
Tgt Ion:184 Resp: 289341

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

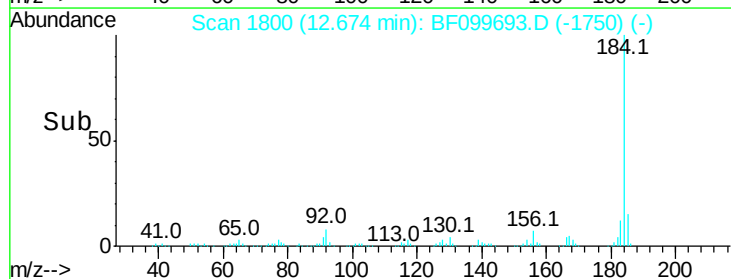
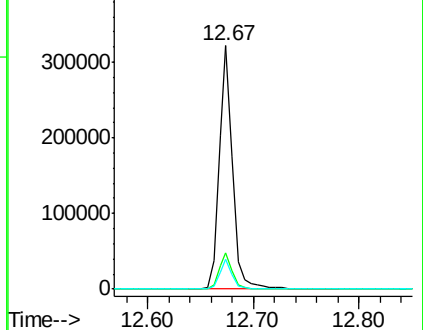
183 12.0 9.3 13.9

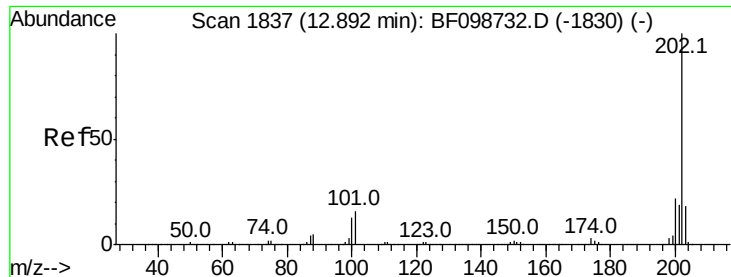


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

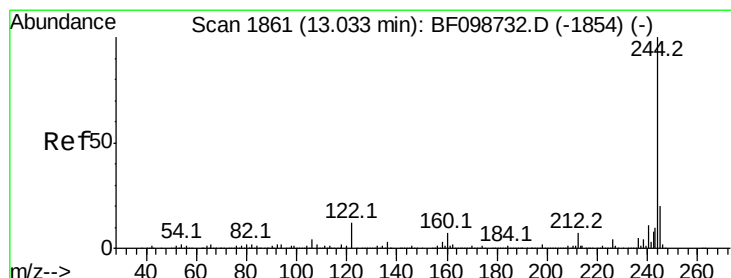
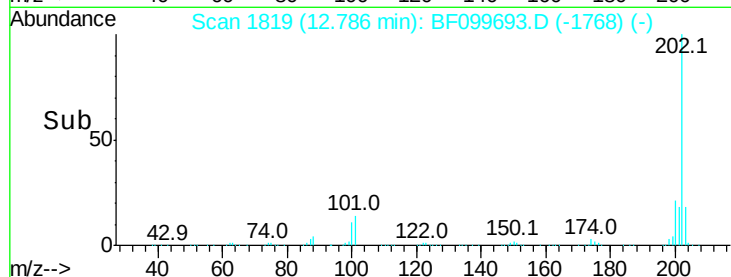
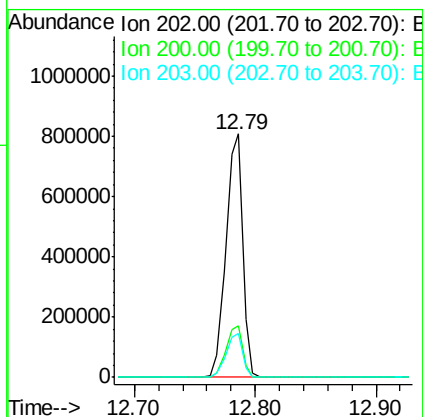
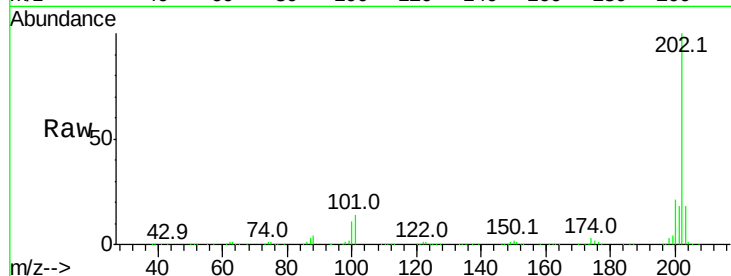




#77
Pvrene
Concen: 42.379 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

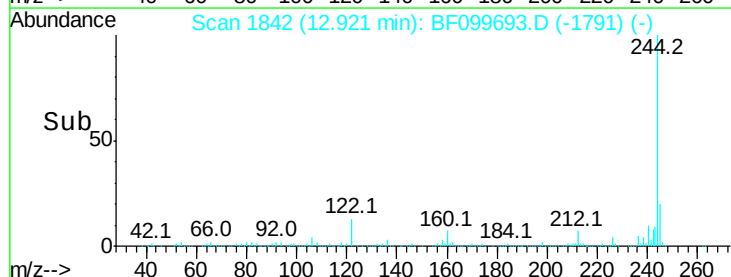
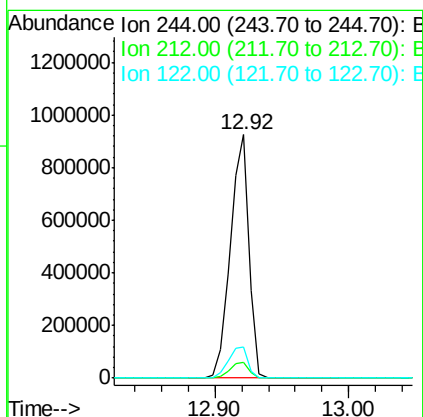
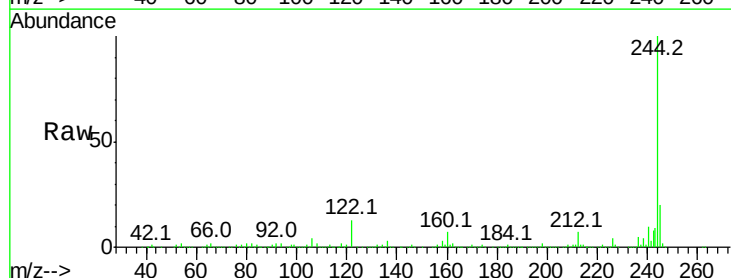
Instrument :
BNA_F
ClientSampled :

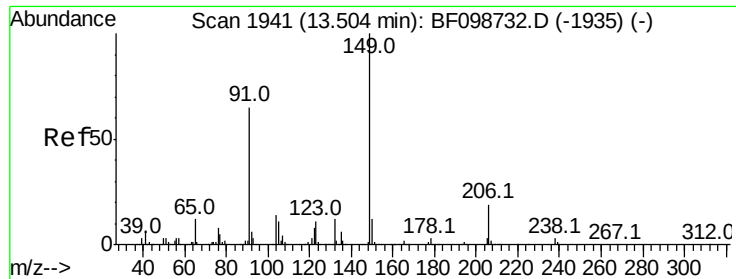
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 86.206 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4

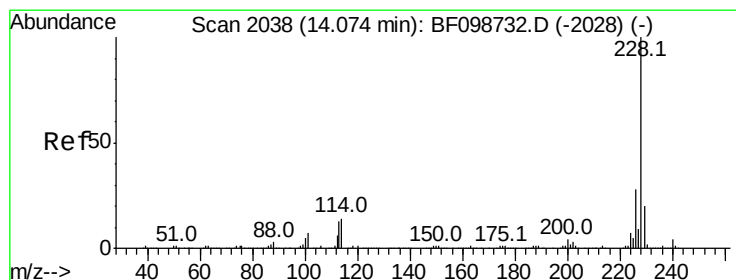
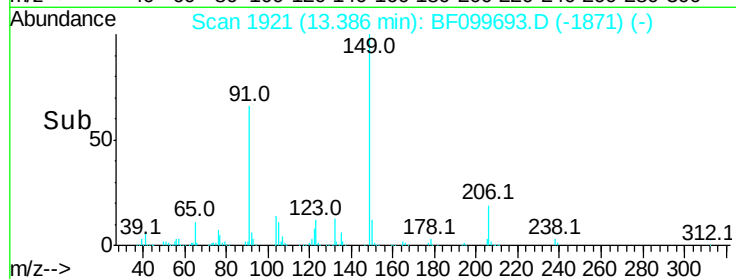
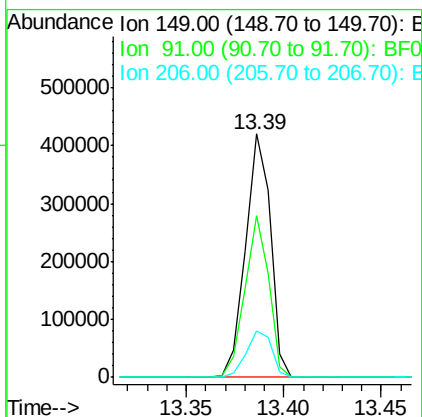
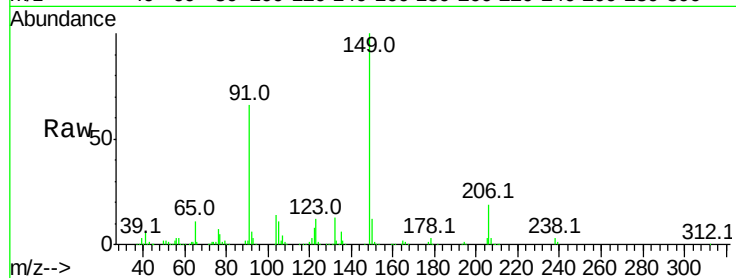




#79
 Butylbenzylphthalate
 Concen: 43.432 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

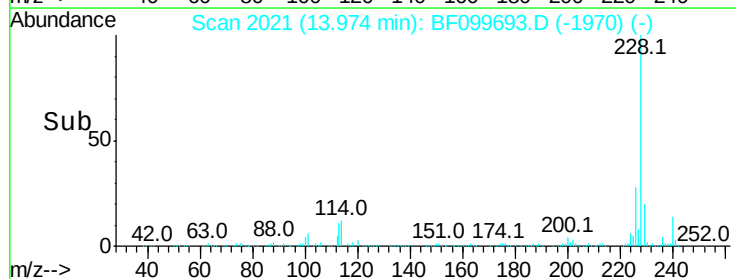
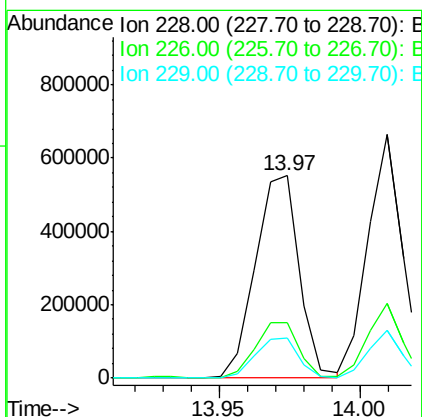
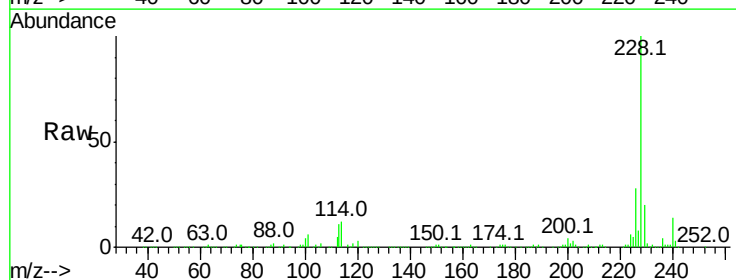
Instrument :
 BNA_F
 ClientSampled :

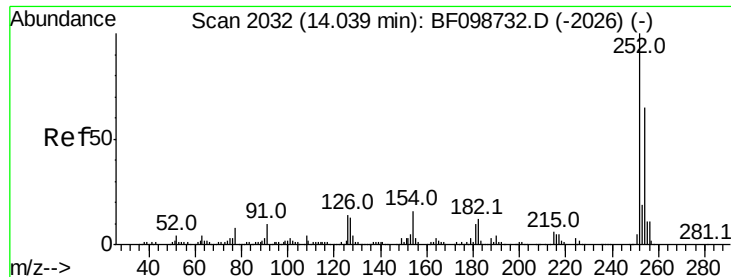
Tot Ion:	149	Resp:	372271
Ion	Ratio	Lower	Upper
149	100		
91	66.4	56.8	85.2
206	19.0	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 41.079 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:	228	Resp:	594921
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.5	15.8	23.6

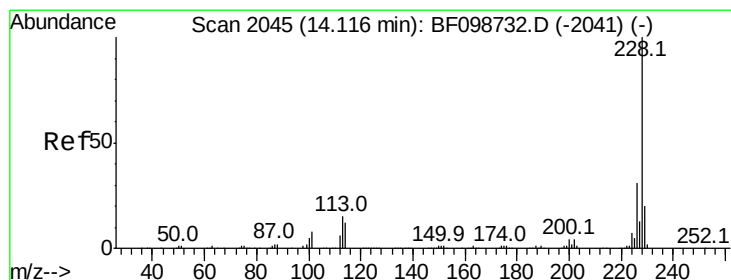
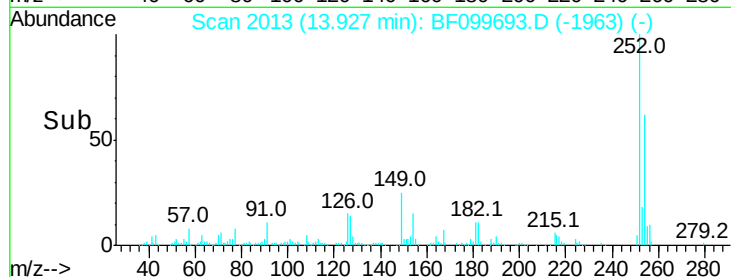
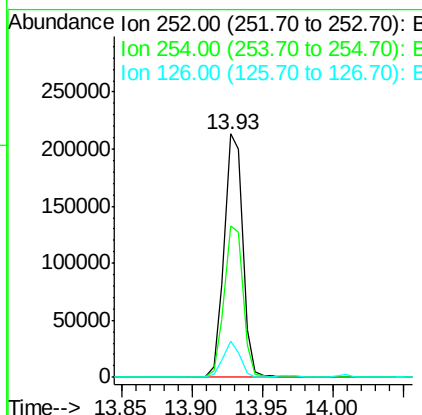
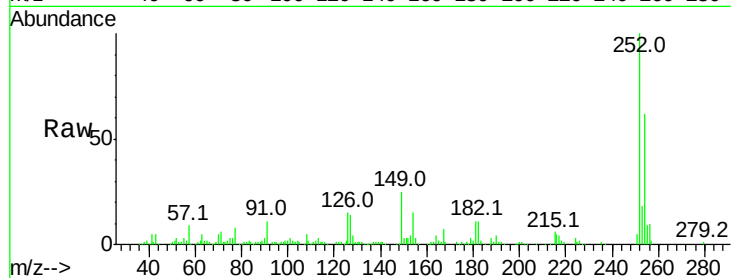




#81
 3,3'-Dichlorobenzidine
 Concen: 37.062 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

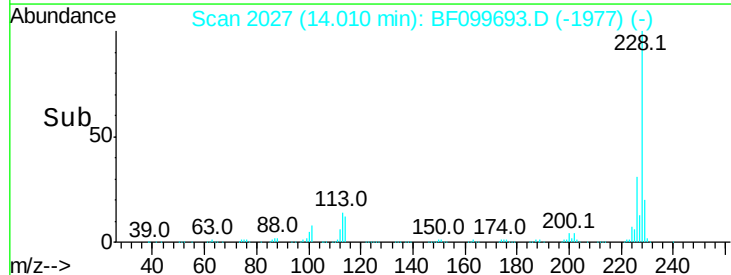
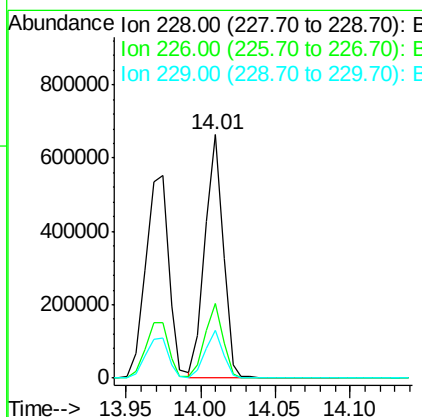
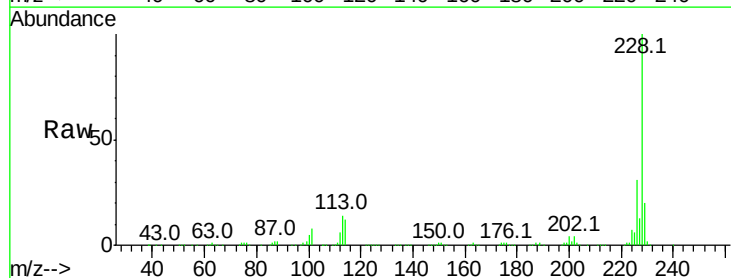
Instrument :
 BNA_F
 ClientSampleId :

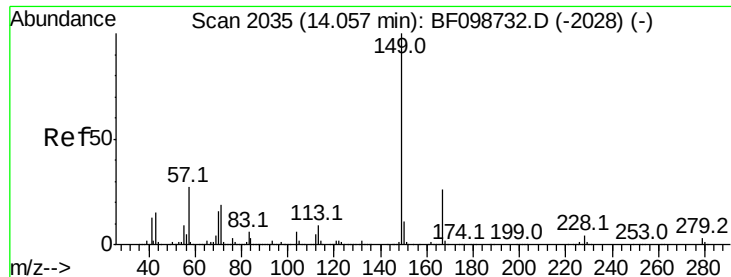
Tot Ion:252 Resp: 196764
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.4 75.6
 126 15.1 11.3 16.9



#82
 Chrysene
 Concen: 40.641 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion:228 Resp: 560352
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.7 16.2 24.4

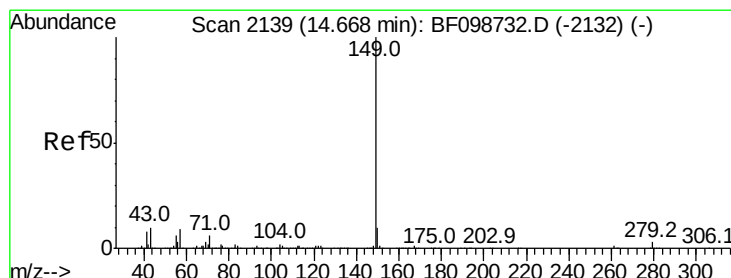
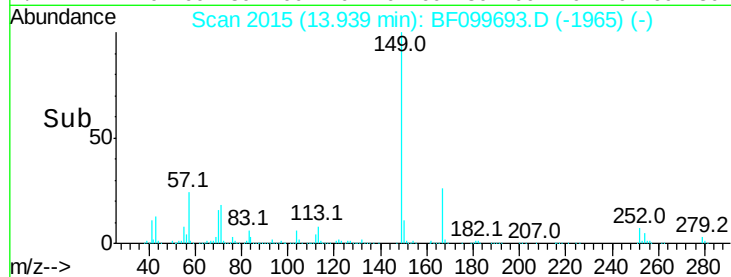
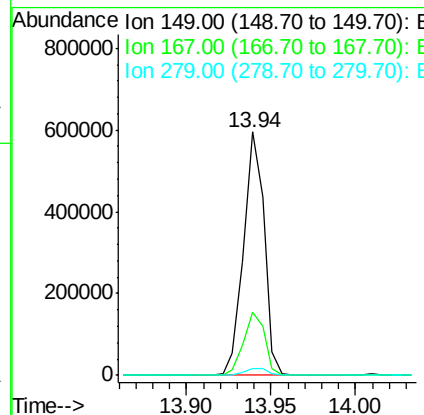
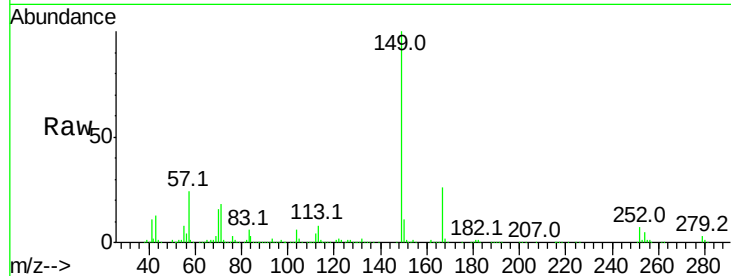




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.944 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

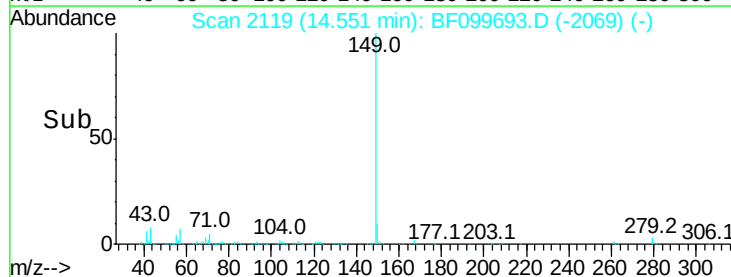
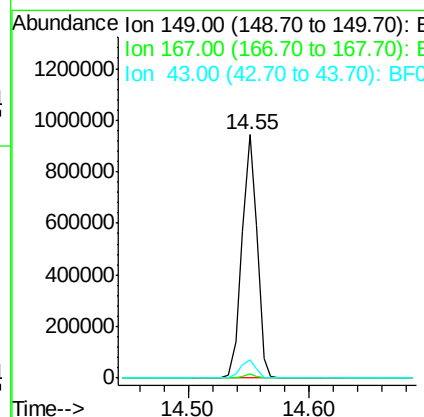
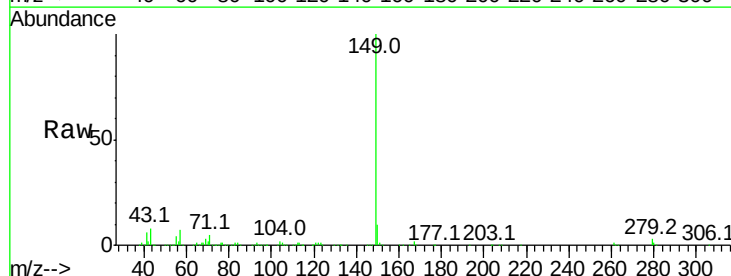
Instrument :
 BNA_F
 ClientSampleId :

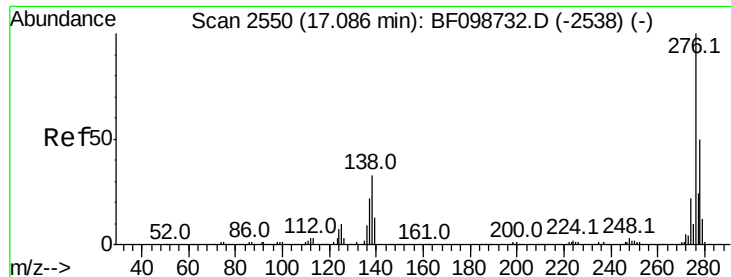
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 43.642 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6

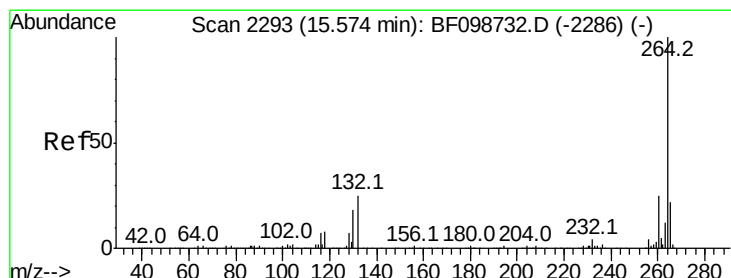
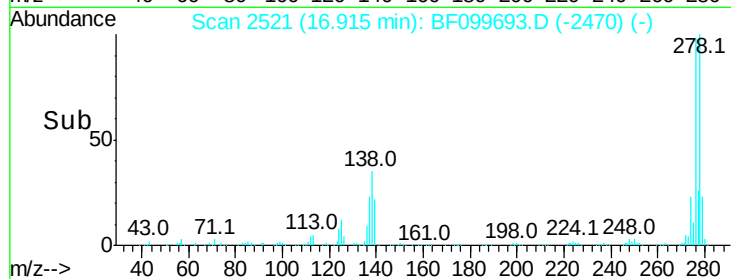
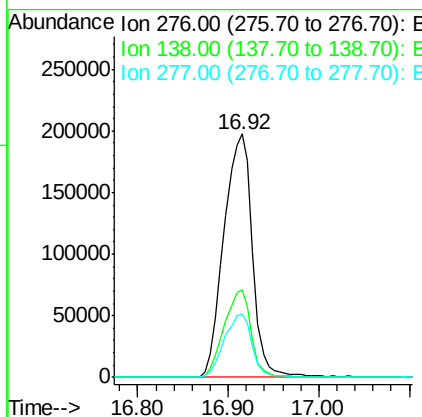
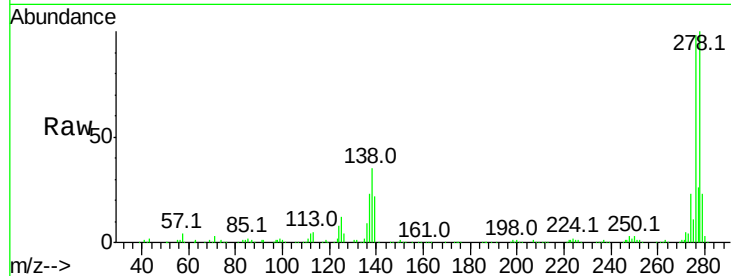




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.280 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

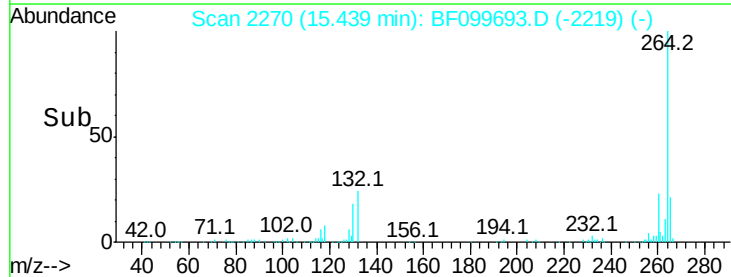
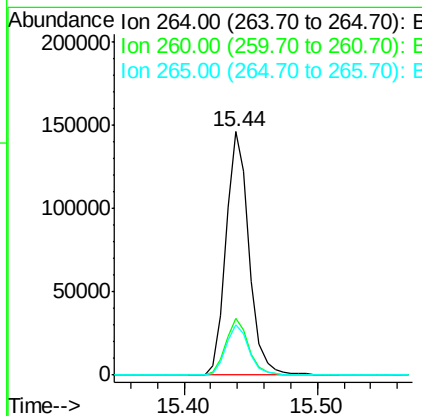
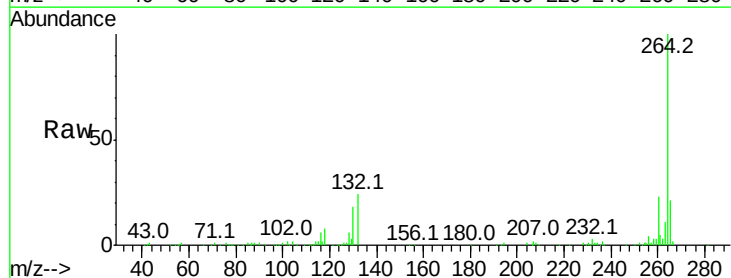
Instrument :
 BNA_F
 ClientSampled :

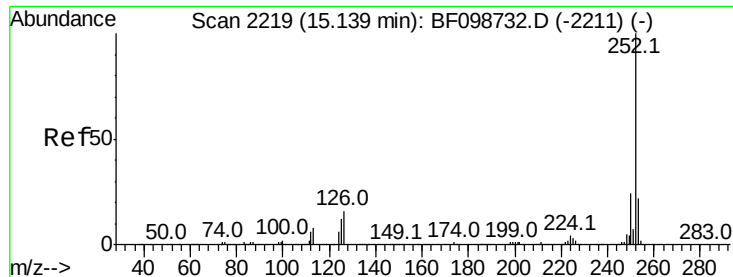
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099693.D
 Acq: 20 Oct 2017 11:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.8	17.5	26.3

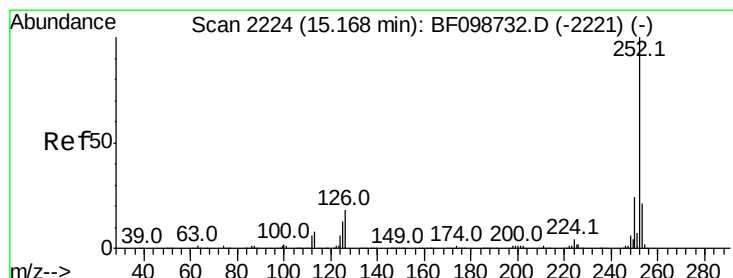
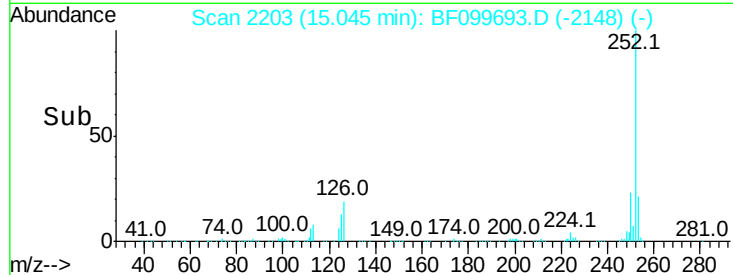
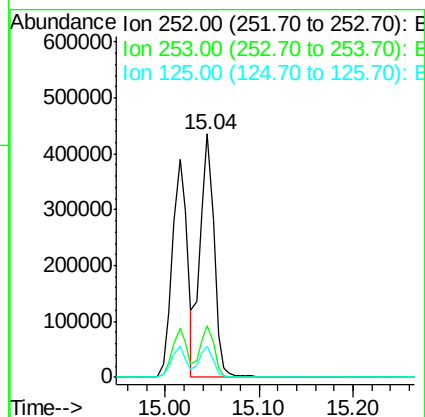
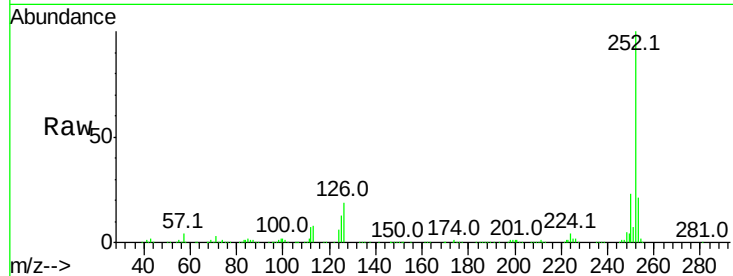




#87
Benzo(b)fluoranthene
Concen: 41.240 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

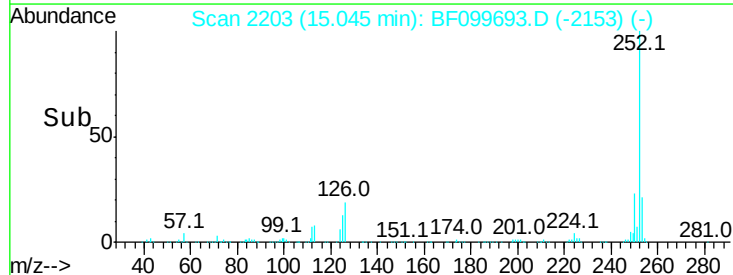
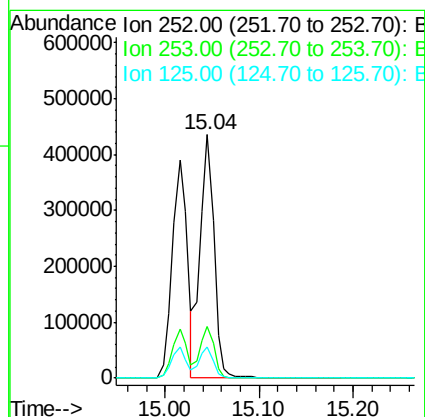
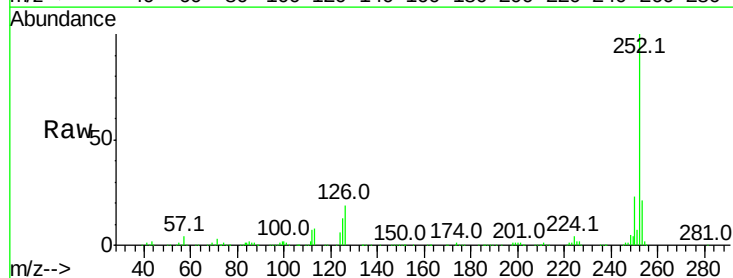
Instrument :
BNA_F
ClientSampled :

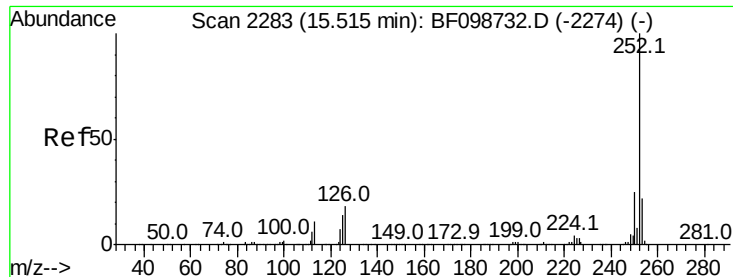
Tot Ion:252 Resp: 450060
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.754 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:252 Resp: 450060
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 12.7 10.2 15.2

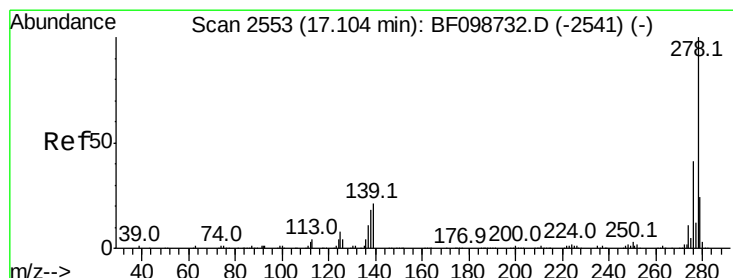
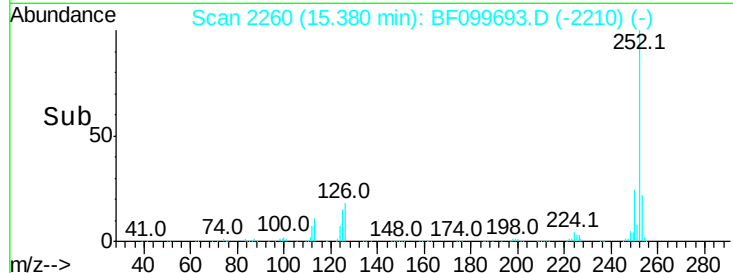
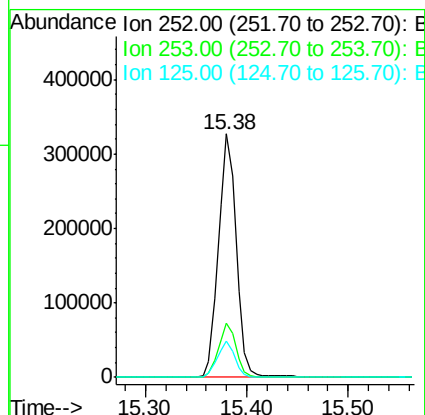
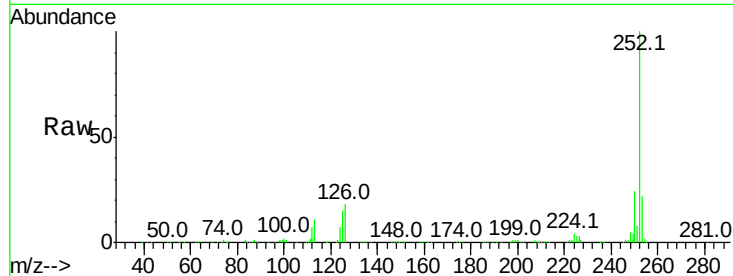




#89
Benzo(a)pyrene
Concen: 40.177 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

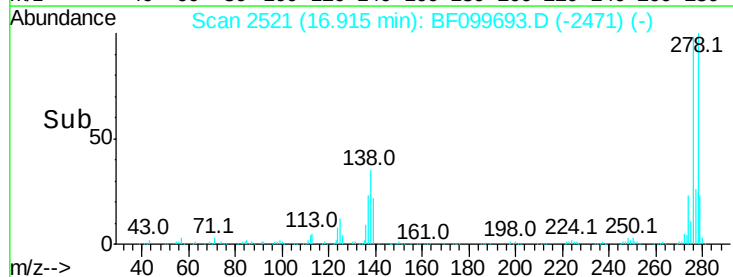
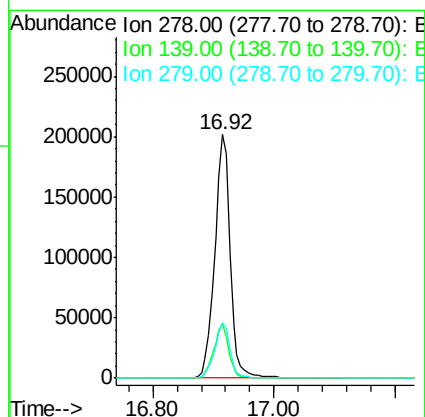
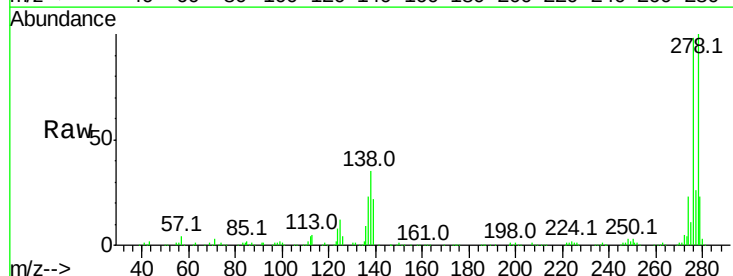
Instrument :
BNA_F
ClientSampleId :

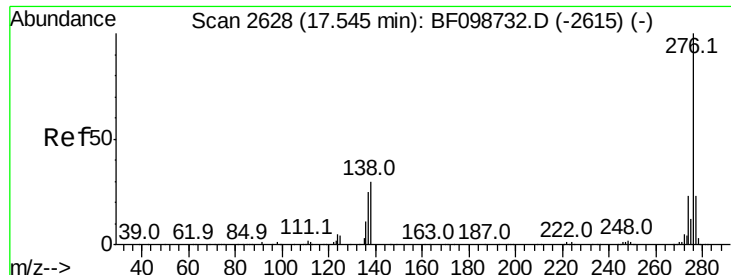
Tot Ion:252 Resp: 402471
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 44.274 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF099693.D
Acq: 20 Oct 2017 11:37

Tgt Ion:278 Resp: 354937
Ion Ratio Lower Upper
278 100
139 22.2 15.9 23.9
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 47.486 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.00 min

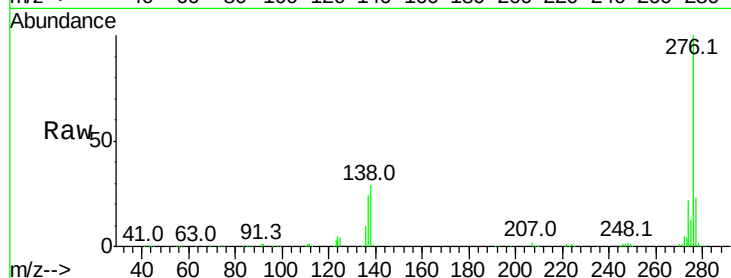
Lab File: BF099693.D

Acq: 20 Oct 2017 11:37

Instrument :

BNA_F

ClientSampleId :



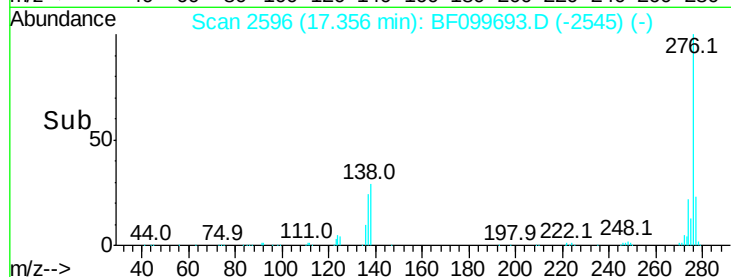
Tot Ion:276 Resp: 376305

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.9 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

