

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099721.D
 Acq On : 21 Oct 2017 12:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:42:04 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	97340	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	414150	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	191758	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	346596	20.00	ng	0.00
75) Chrysene-d12	13.99	240	235653	20.00	ng	0.00
86) Perylene-d12	15.44	264	174286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	525260	85.90	ng	0.00
7) Phenol-d6	6.46	99	633166	83.94	ng	0.00
23) Nitrobenzene-d5	7.39	82	512437	79.35	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	136897	87.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	984284	85.69	ng	0.00
78) Terphenyl-d14	12.92	244	925028	89.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	117061	40.077	ng	# 90
3) Pyridine	3.32	79	289356	36.620	ng	89
4) n-Nitrosodimethylamine	3.29	42	108703	32.442	ng	# 75
6) Aniline	6.49	93	404607	39.743	ng	97
8) 2-Chlorophenol	6.60	128	294203	42.486	ng	92
9) Benzaldehyde	6.37	77	140767	32.171	ng	90
10) Phenol	6.47	94	366300	43.420	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	265446	40.475	ng	93
12) 1,3-Dichlorobenzene	6.83	146	313815	43.273	ng	97
13) 1,4-Dichlorobenzene	6.83	146	313815	42.531	ng	97
14) 1,2-Dichlorobenzene	6.99	146	288281	42.284	ng	97
15) Benzyl Alcohol	6.96	79	194346	35.120	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	329331	32.231	ng	76
17) 2-Methylphenol	7.07	107	231336	40.829	ng	98
18) Hexachloroethane	7.32	117	104436	39.378	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	167708	34.823	ng	91
20) 3+4-Methylphenols	7.23	107	273952	38.220	ng	# 64
22) Acetophenone	7.23	105	375919	37.464	ng	# 98
24) Nitrobenzene	7.40	77	281235	38.390	ng	94
25) Isophorone	7.65	82	512283	38.368	ng	97
26) 2-Nitrophenol	7.72	139	168236	47.757	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	258158	38.804	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	331861	39.884	ng	99
29) 2,4-Dichlorophenol	7.96	162	246705	43.191	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	244277	42.759	ng	99
31) Naphthalene	8.12	128	810693	41.679	ng	100
32) Benzoic acid	7.92	122	209249	38.290	ng	94
33) 4-Chloroaniline	8.17	127	342849	42.208	ng	# 95
34) Hexachlorobutadiene	8.23	225	122479	41.624	ng	99
35) Caprolactam	8.56	113	57069	31.147	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	261775	40.774	ng	91
37) 2-Methylnaphthalene	8.81	142	529529	41.877	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	246206	43.052	ng	98
40) Hexachlorocyclopentadiene	8.96	237	98008	37.501	ng	100

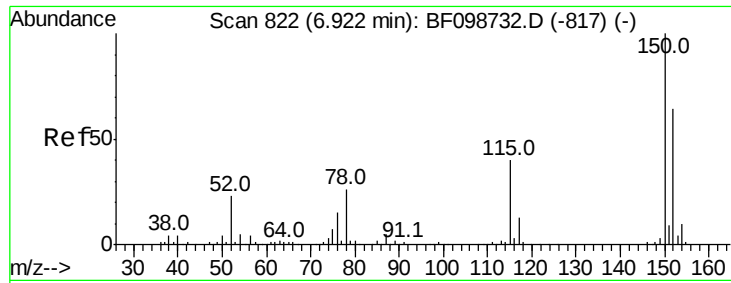
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099721.D
 Acq On : 21 Oct 2017 12:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:42:04 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)
42) 2,4,6-Trichlorophenol	9.09	196	163763	40.422	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	167806	41.492	ng	# 92
45) 1,1'-Biphenyl	9.27	154	691424	41.954	ng	98
46) 2-Chloronaphthalene	9.30	162	527382	42.621	ng	95
47) 2-Nitroaniline	9.40	65	145954	38.522	ng	91
48) Acenaphthylene	9.72	152	777208	41.030	ng	100
49) Dimethylphthalate	9.57	163	612282	42.306	ng	100
50) 2,6-Dinitrotoluene	9.65	165	139946	44.416	ng	90
51) Acenaphthene	9.89	154	469827	39.155	ng	99
52) 3-Nitroaniline	9.82	138	162631	44.267	ng	87
53) 2,4-Dinitrophenol	9.93	184	55996	37.476	ng	87
54) Dibenzofuran	10.06	168	632315	39.578	ng	99
55) 4-Nitrophenol	9.99	139	122593	39.463	ng	85
56) 2,4-Dinitrotoluene	10.06	165	164601	40.253	ng	# 96
57) Fluorene	10.40	166	556123	43.308	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	113954	40.789	ng	96
59) Diethylphthalate	10.27	149	574828	40.647	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	249491	43.253	ng	97
61) 4-Nitroaniline	10.44	138	153550	43.322	ng	87
62) Azobenzene	10.55	77	477605	36.730	ng	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	96265	45.650	ng	82
65) n-Nitrosodiphenylamine	10.52	169	497013	41.393	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	143613	42.331	ng	# 89
67) Hexachlorobenzene	10.95	284	155421	42.893	ng	93
68) Atrazine	11.04	200	139549	38.629	ng	98
69) Pentachlorophenol	11.15	266	71921	31.893	ng	99
70) Phenanthrene	11.36	178	772222	41.624	ng	99
71) Anthracene	11.42	178	789607	41.596	ng	100
72) Carbazole	11.57	167	757730	40.762	ng	99
73) Di-n-butylphthalate	11.89	149	895343	40.015	ng	98
74) Fluoranthene	12.56	202	775997	41.307	ng	98
76) Benzidine	12.67	184	318901	36.588	ng	100
77) Pyrene	12.79	202	795444	44.267	ng	99
79) Butylbenzylphthalate	13.39	149	373720	44.252	ng	95
80) Benzo(a)anthracene	13.97	228	610983	42.818	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	192341	36.770	ng	# 98
82) Chrysene	14.01	228	580609	42.739	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	494458	42.521	ng	# 99
84) Di-n-octyl phthalate	14.55	149	820930	43.842	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	442688	40.736	ng	98
87) Benzo(b)fluoranthene	15.02	252	489999	45.727	ng	97
88) Benzo(k)fluoranthene	15.04	252	437239	41.311	ng	99
89) Benzo(a)pyrene	15.38	252	417772	42.472	ng	# 96
90) Dibenzo(a,h)anthracene	16.92	278	357842	45.458	ng	97
91) Benzo(g,h,i)perylene	17.36	276	378996	48.706	ng	100

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

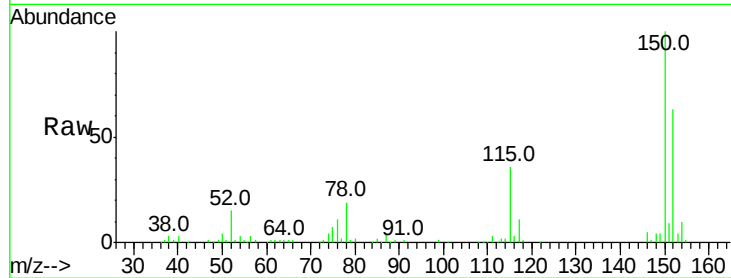


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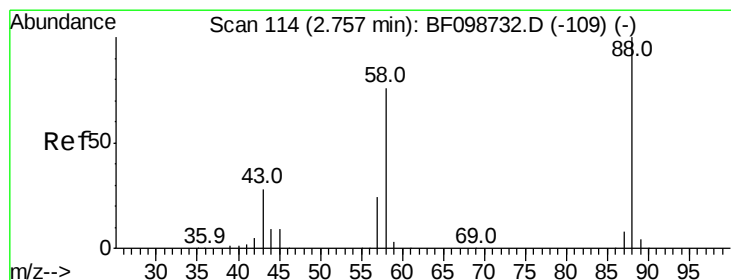
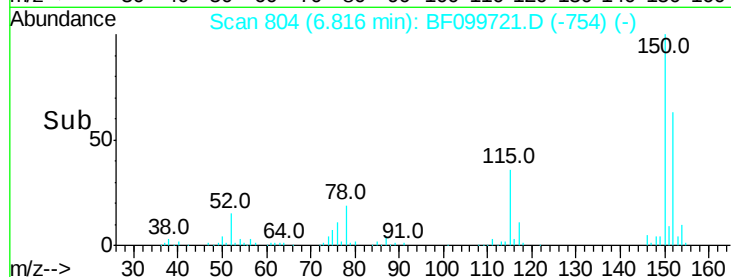
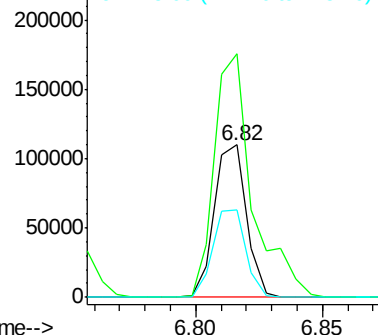
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Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97340
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 57.5 50.1 75.1



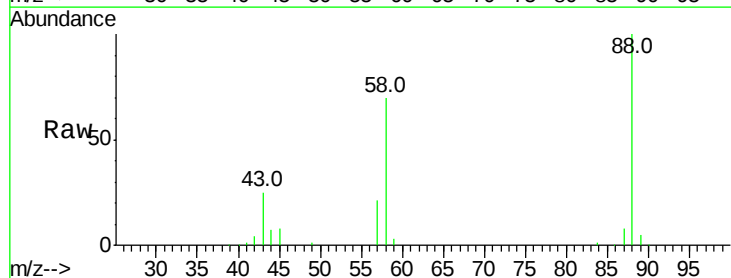
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



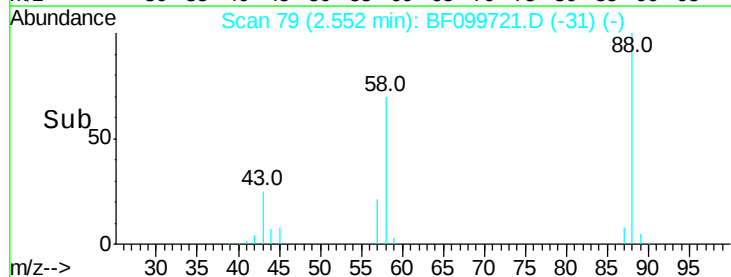
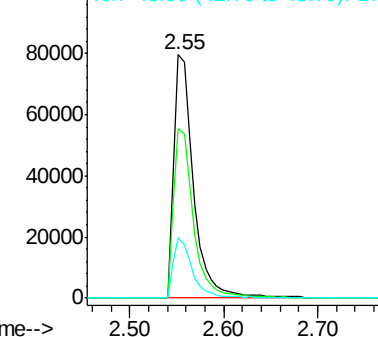
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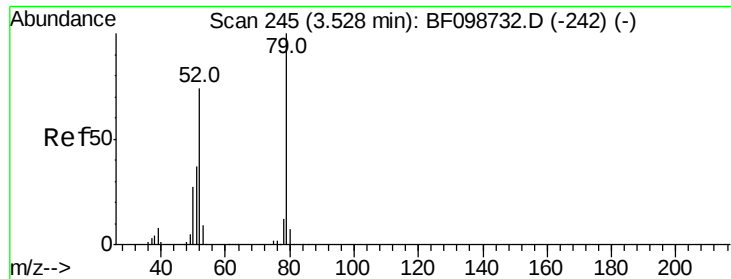
1,4-Dioxane
Concen: 40.077 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 88 Resp: 117061
Ion Ratio Lower Upper
88 100
58 69.7 62.6 93.8
43 24.0 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

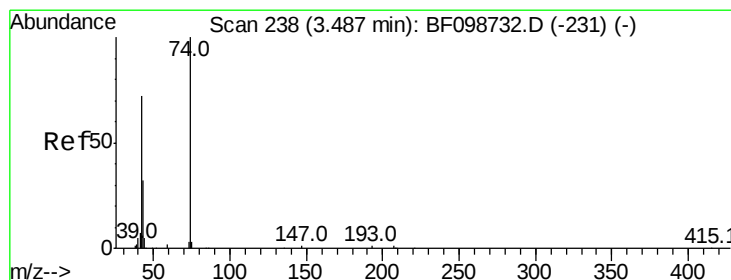
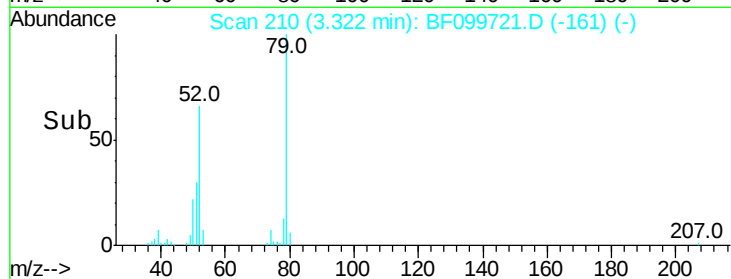
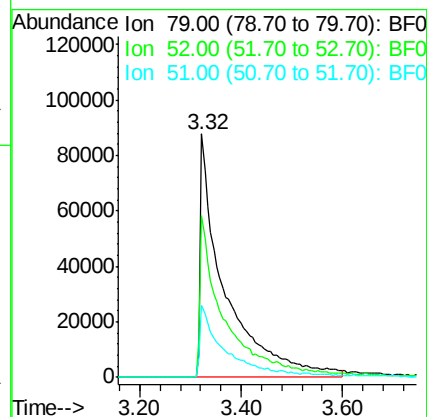
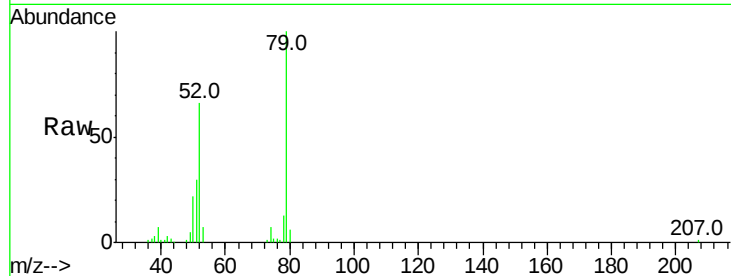




#3
 Pvridine
 Concen: 36.620 ng
 RT: 3.32 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

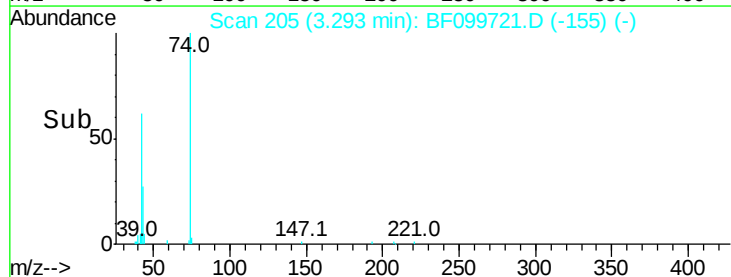
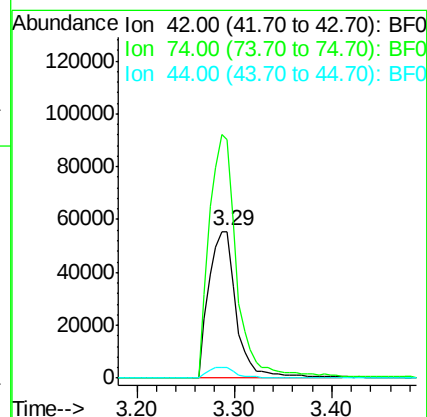
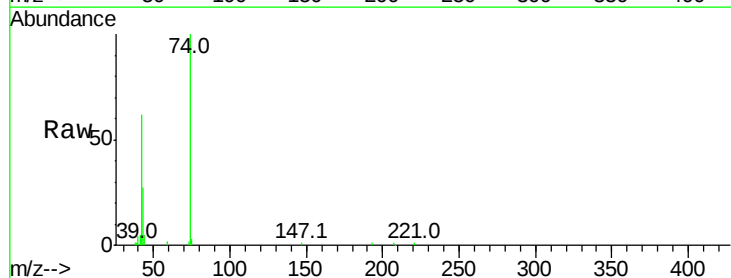
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 289356
 Ion Ratio Lower Upper
 79 100
 52 66.3 59.8 89.6
 51 29.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 32.442 ng
 RT: 3.29 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion: 42 Resp: 108703
 Ion Ratio Lower Upper
 42 100
 74 162.0 104.9 157.3#
 44 7.4 6.9 10.3

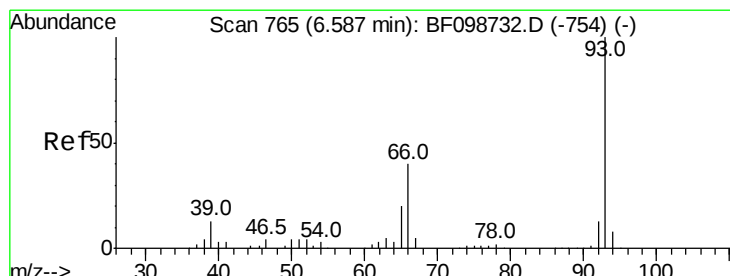
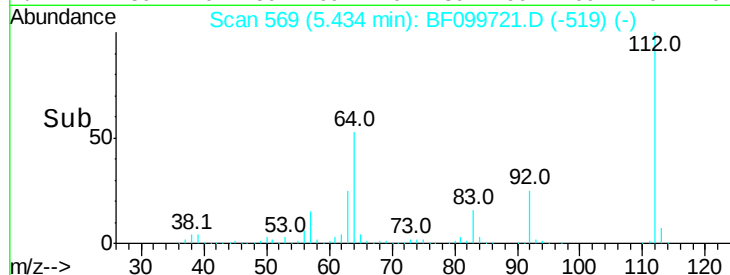
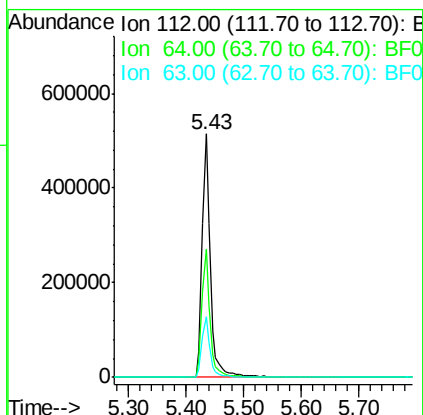
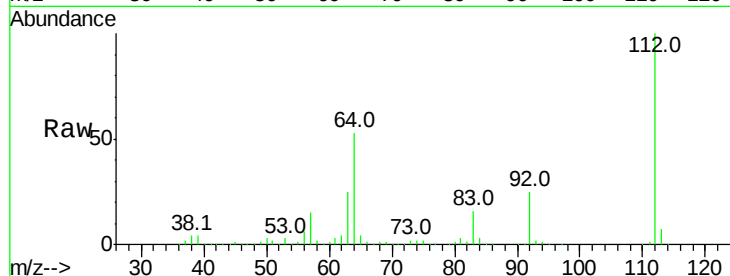




#5
 2-Fluorophenol
 Concen: 85.901 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

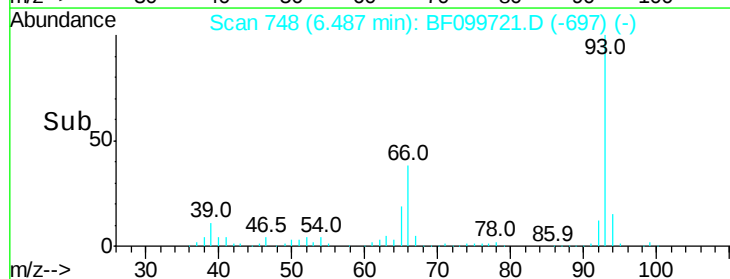
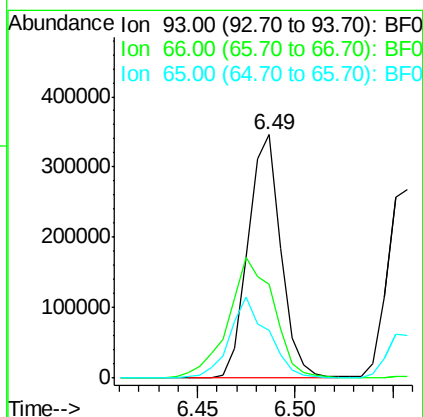
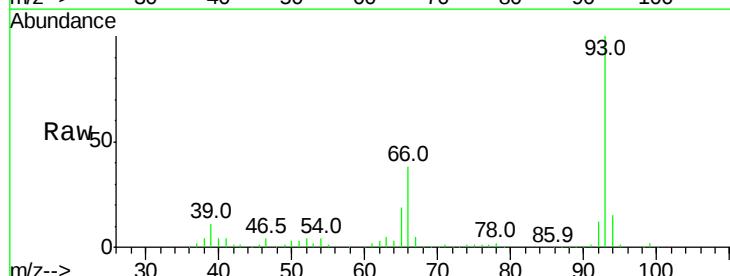
Instrument :
 BNA_F
 ClientSampleId :

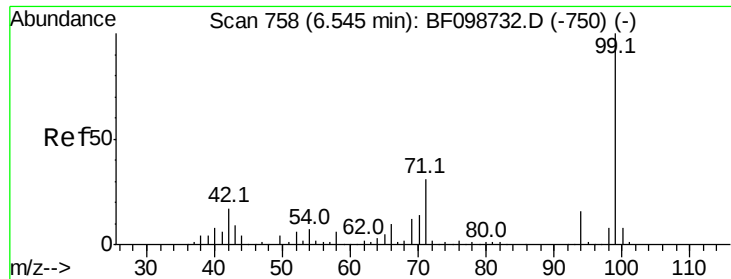
Tot Ion:112 Resp: 525260
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 25.0 23.7 35.5



#6
 Aniline
 Concen: 39.743 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion: 93 Resp: 404607
 Ion Ratio Lower Upper
 93 100
 66 38.3 32.2 48.2
 65 19.5 16.4 24.6





#7

Phenol-d6

Concen: 83.939 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

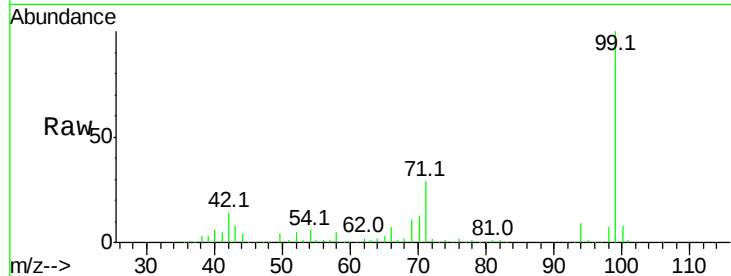
Tot Ion: 99 Resp: 633166

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

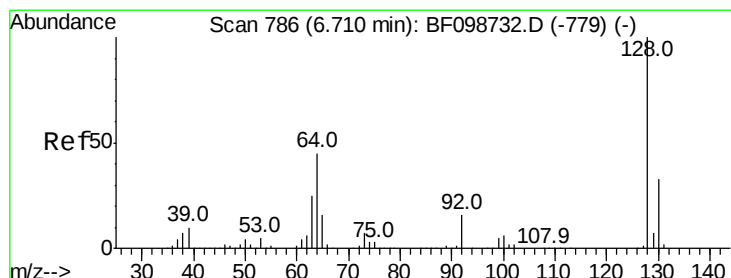
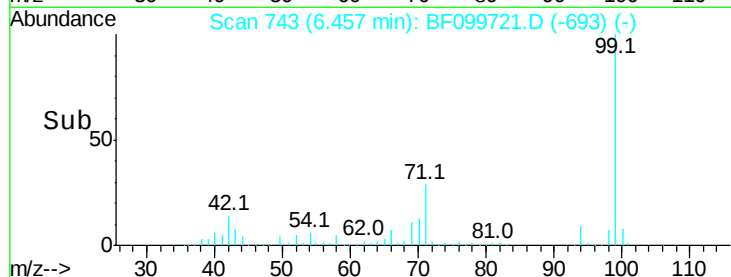
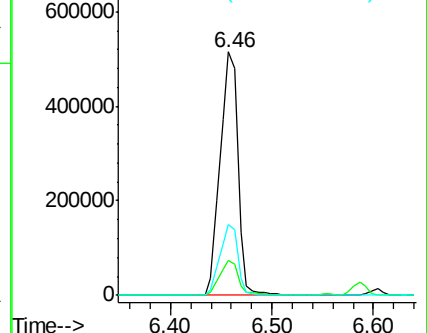
71 29.3 25.4 38.0



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: 42.486 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

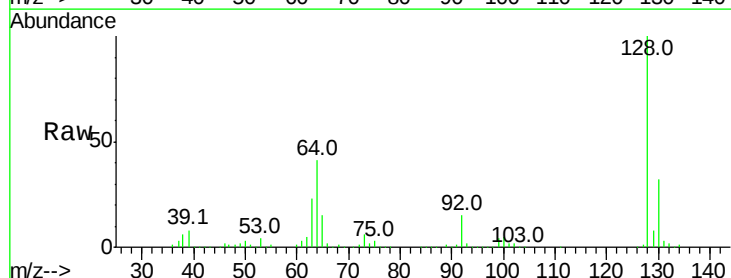
Tgt Ion: 128 Resp: 294203

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

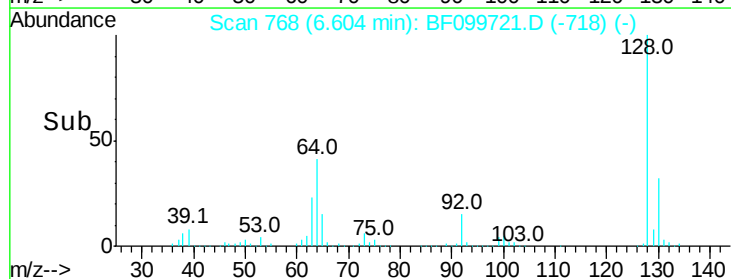
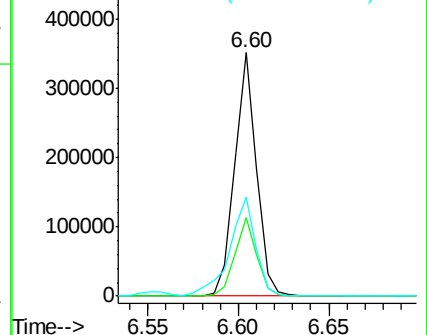
64 40.8 29.4 69.4



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

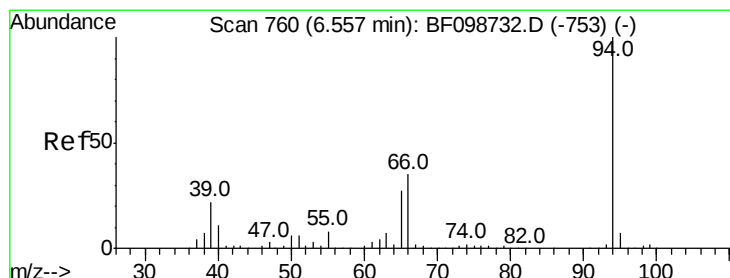
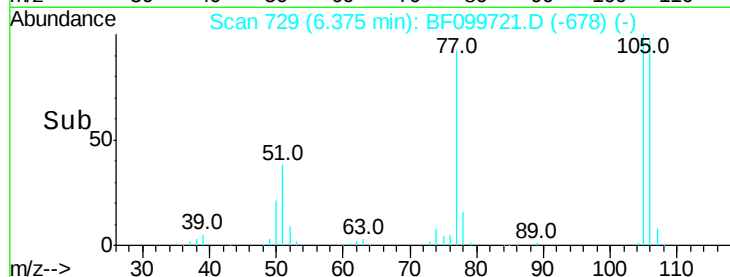
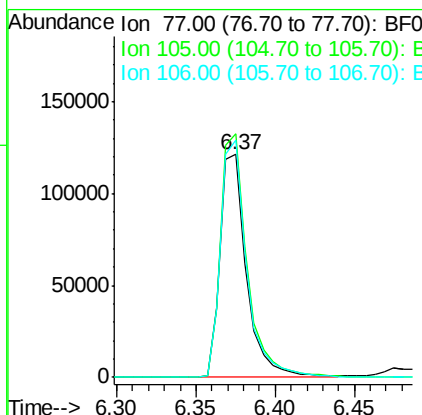
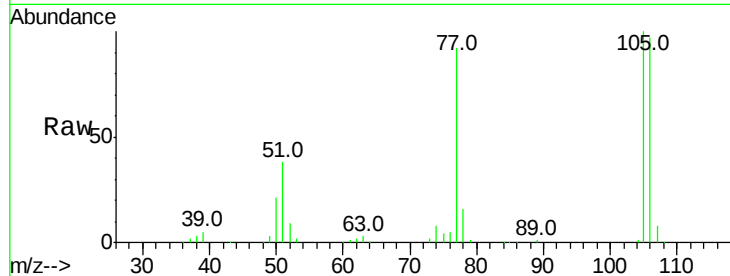




#9
Benzaldehyde
Concen: 32.171 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

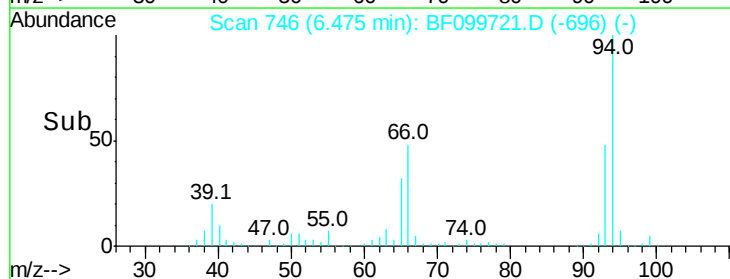
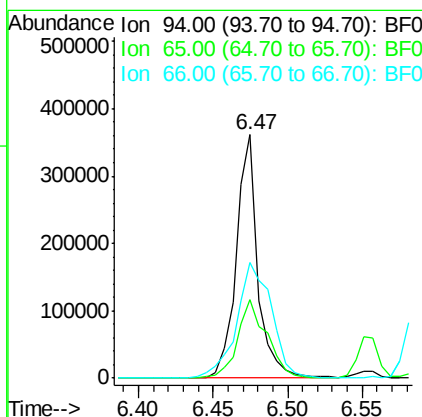
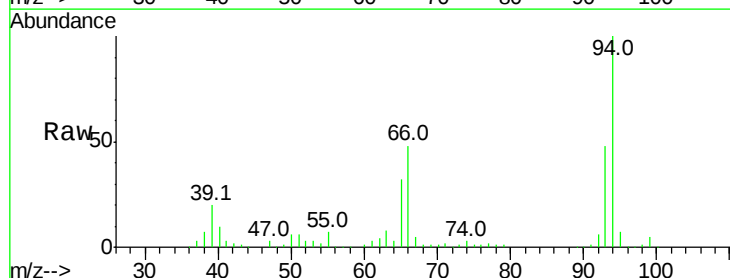
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 140767
Ion Ratio Lower Upper
77 100
105 109.1 81.1 121.1
106 106.1 74.5 114.5



#10
Phenol
Concen: 43.420 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 94 Resp: 366300
Ion Ratio Lower Upper
94 100
65 32.0 7.9 47.9
66 47.6 16.2 56.2

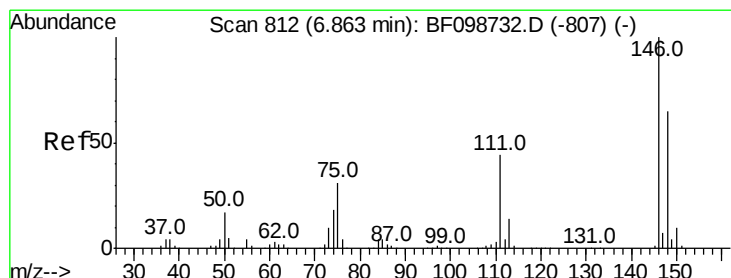
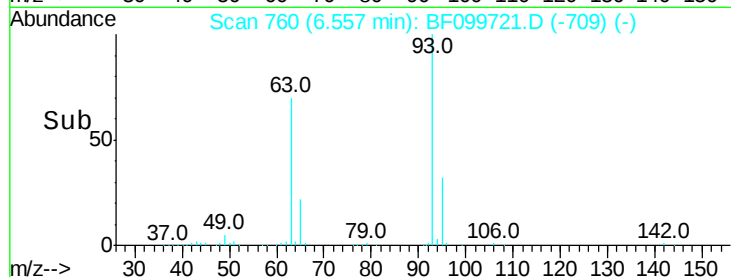
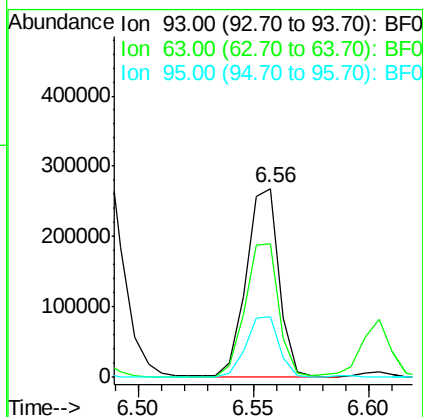
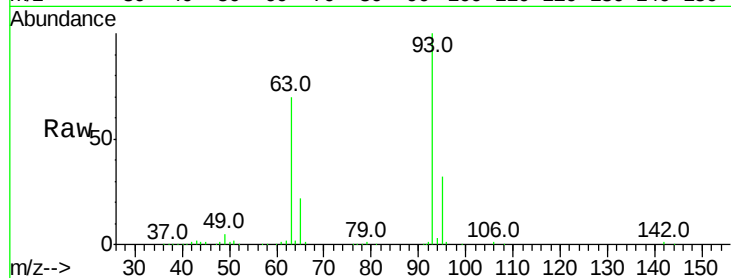




#11
bis(2-Chloroethyl)ether
Concen: 40.475 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

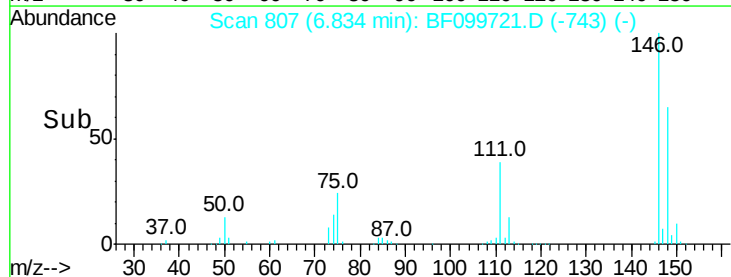
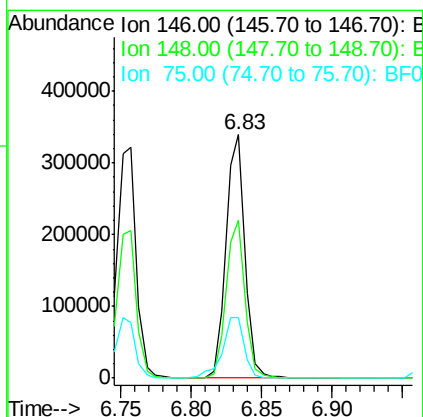
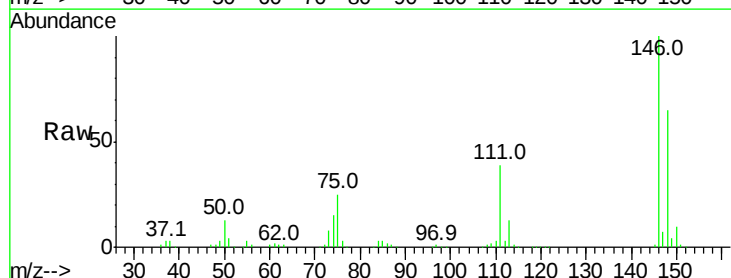
Instrument :
BNA_F
ClientSampleId :

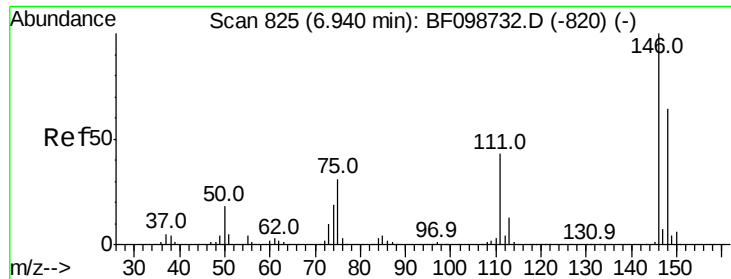
Tot Ion: 93 Resp: 265446
Ion Ratio Lower Upper
93 100
63 70.5 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.273 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.08 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 146 Resp: 313815
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 24.7 24.2 36.4

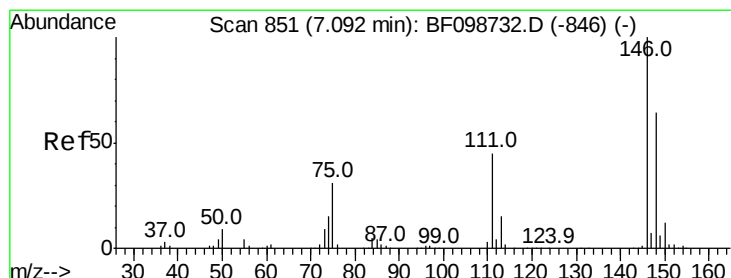
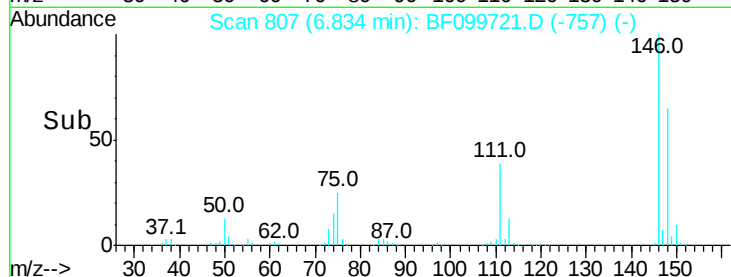
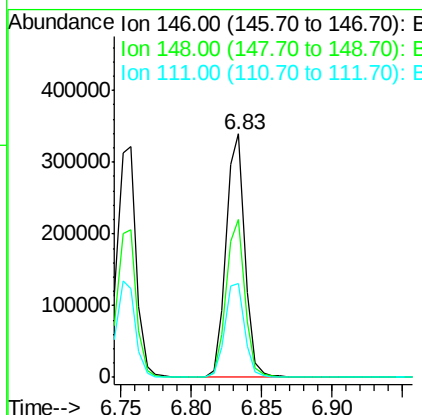
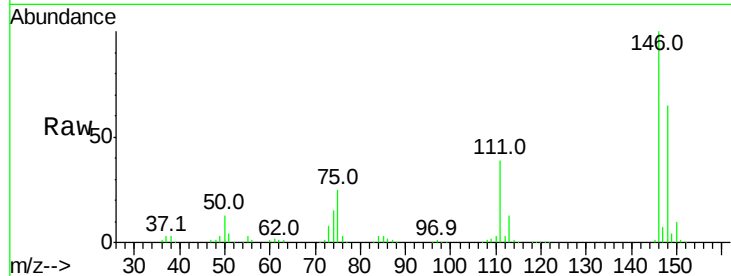




#13
 1,4-Dichlorobenzene
 Concen: 42.531 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

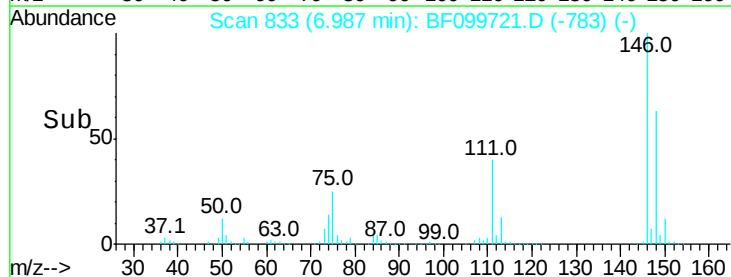
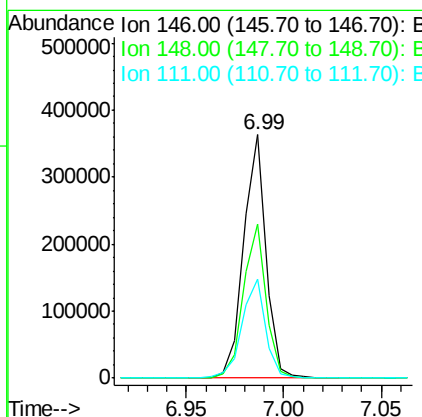
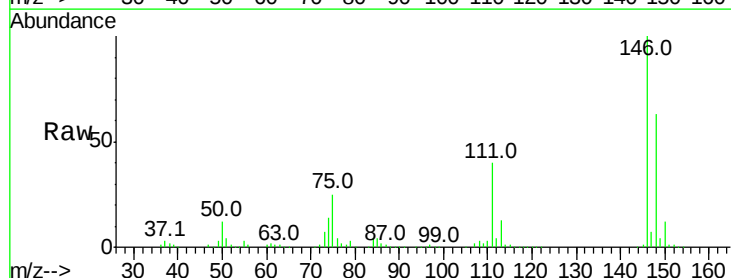
Instrument :
 BNA_F
 ClientSampled :

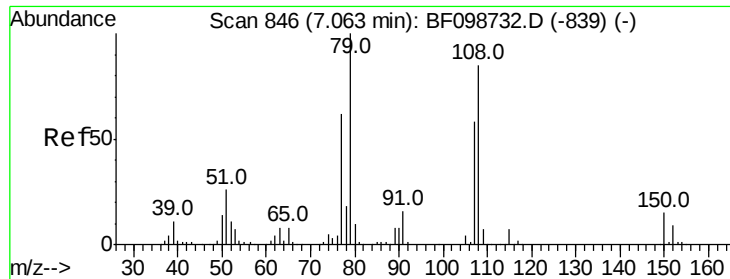
Tot Ion:146 Resp: 313815
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 38.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.284 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:146 Resp: 288281
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 40.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.120 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

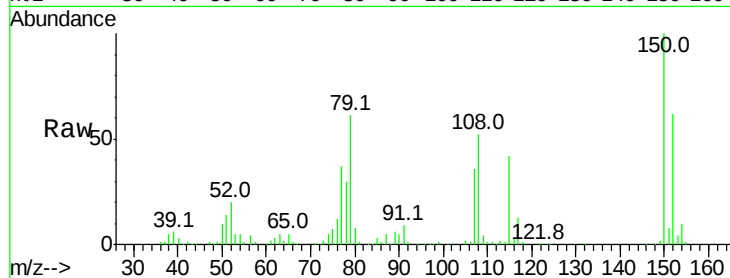
Tot Ion: 79 Resp: 194346

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

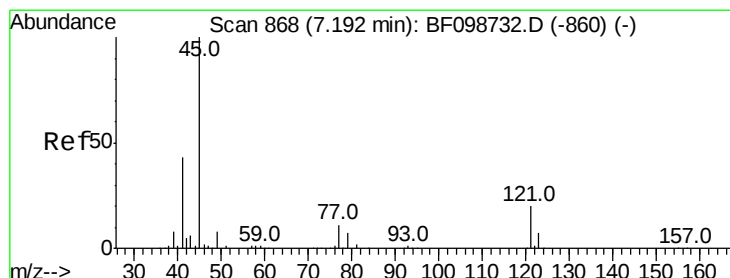
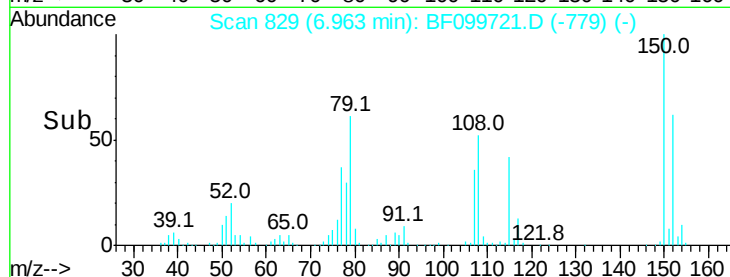
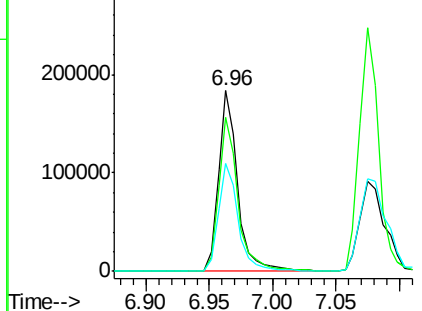
77 59.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.231 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

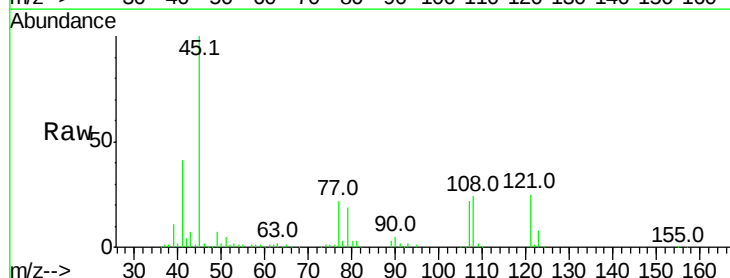
Tgt Ion: 45 Resp: 329331

Ion Ratio Lower Upper

45 100

77 22.3 0.0 32.9

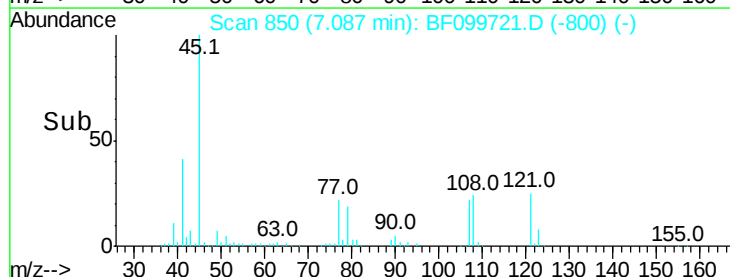
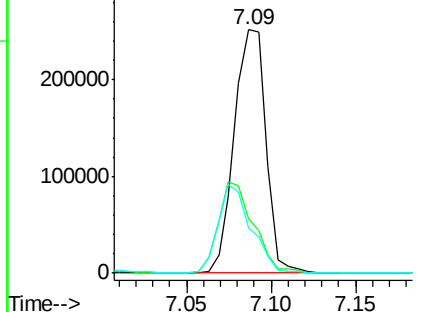
79 18.8 0.0 29.6

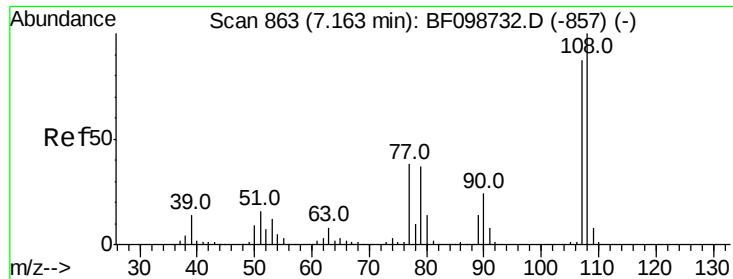


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

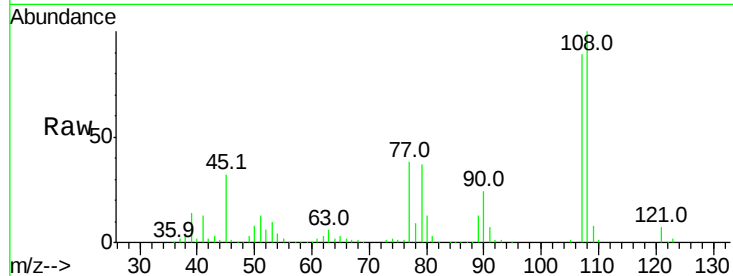




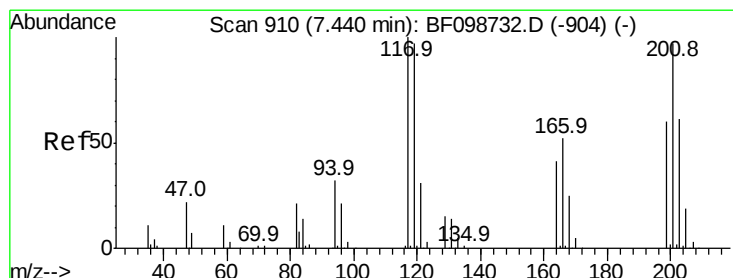
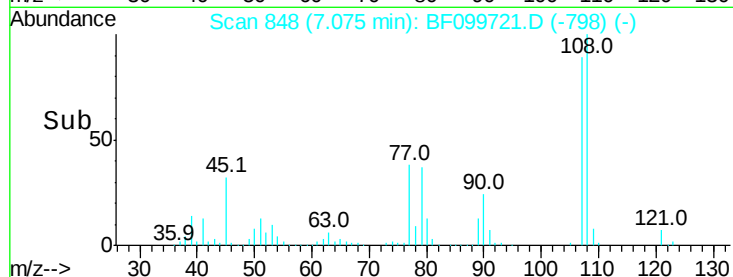
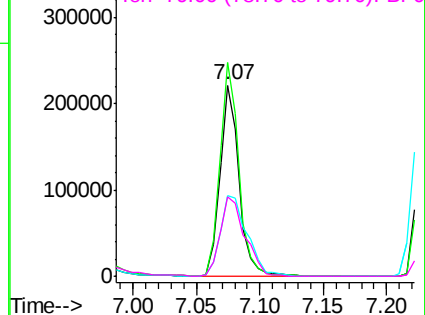
#17
2-Methylphenol
Concen: 40.829 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 231336
Ion Ratio Lower Upper
107 100
108 111.9 91.7 137.5
77 42.6 33.8 50.8
79 41.5 33.8 50.8

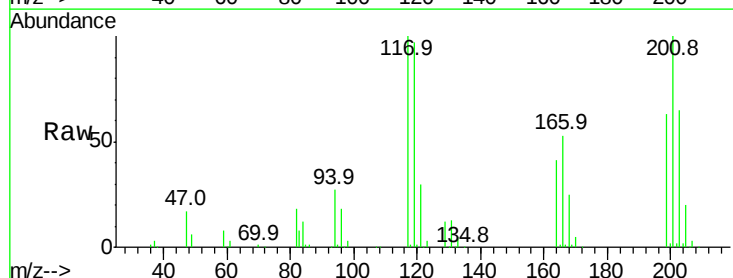


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

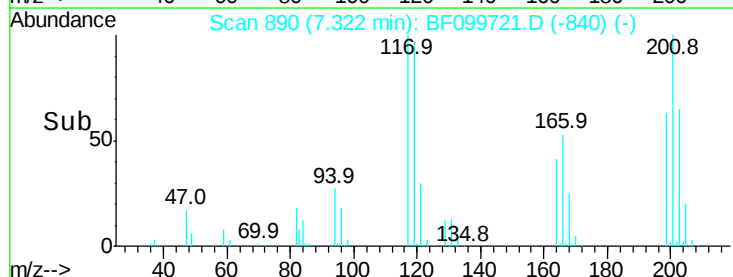
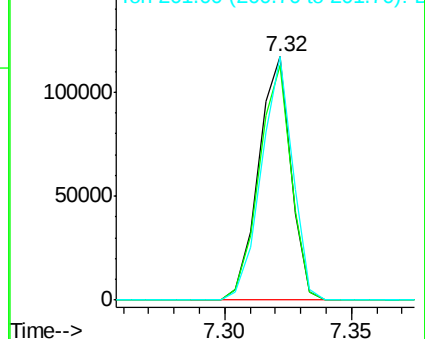


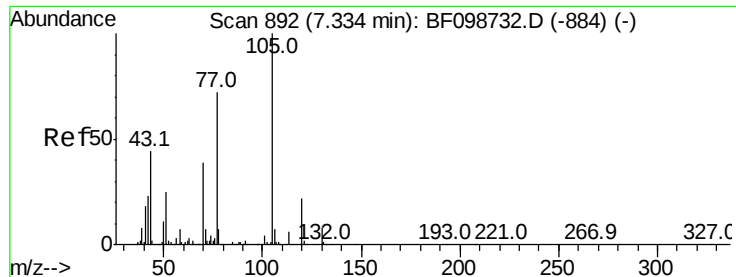
#18
Hexachloroethane
Concen: 39.378 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:117 Resp: 104436
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 100.0 75.7 113.5



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

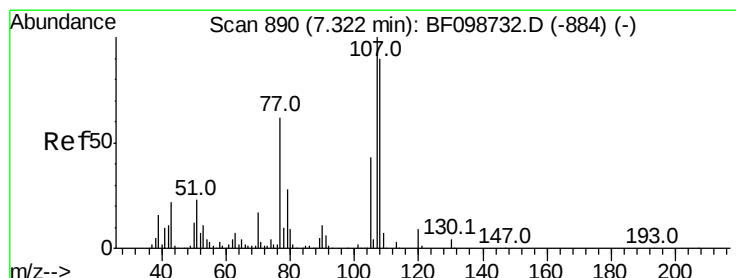
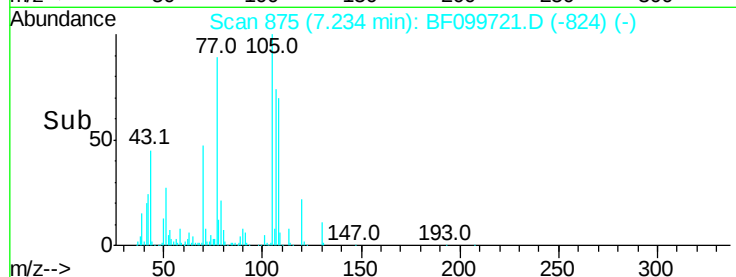
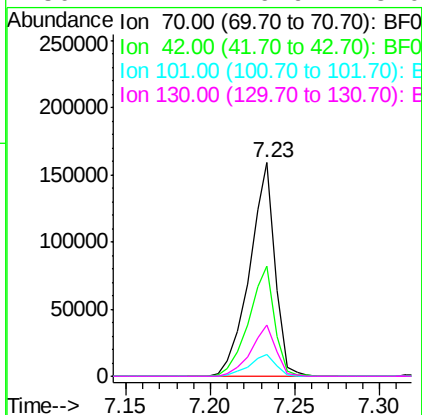
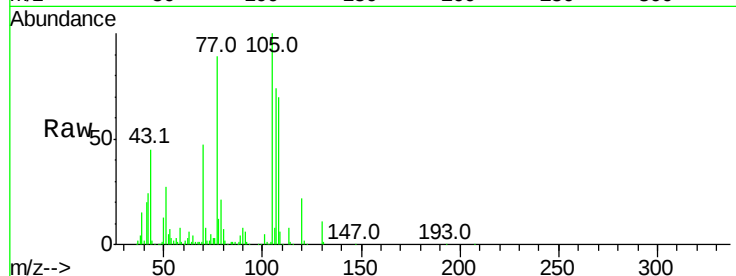




#19
n-Nitroso-di-n-propylamine
Concen: 34.823 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

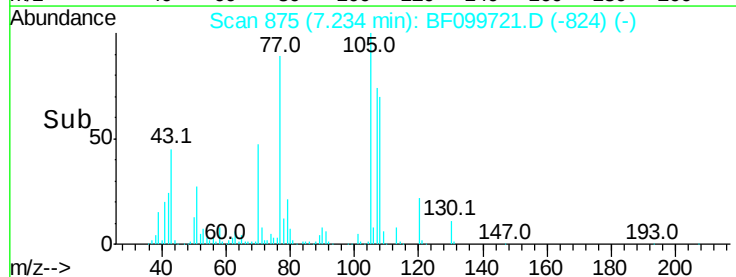
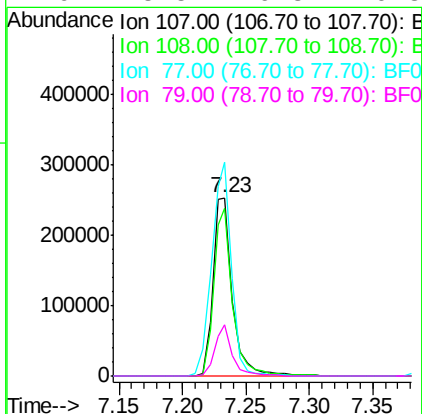
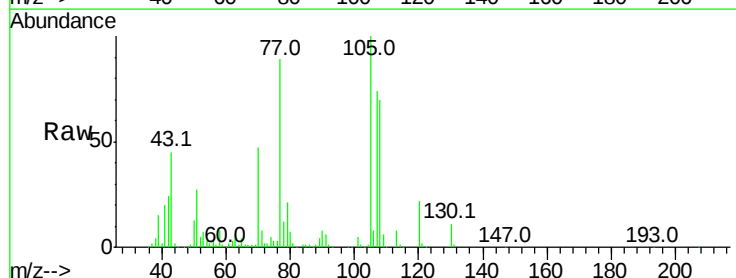
Instrument :
BNA_F
ClientSampled :

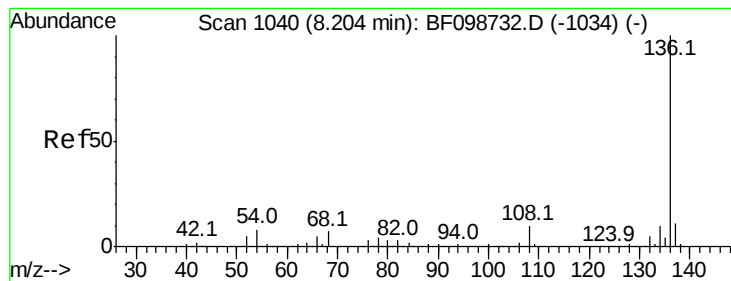
Tot Ion:	70	Resp:	167708
Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	10.3	7.4	11.2
130	24.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.220 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:	107	Resp:	273952
Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	119.9	26.7	66.7#
79	28.5	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: BF099721.D

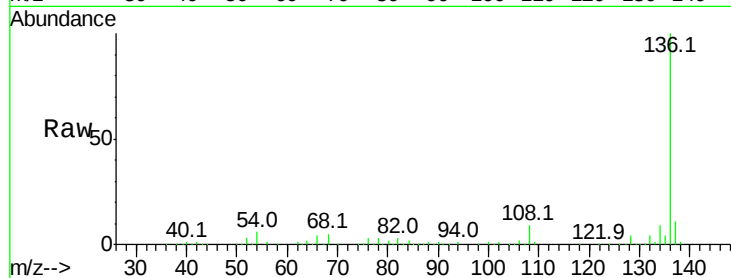
Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	414150
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

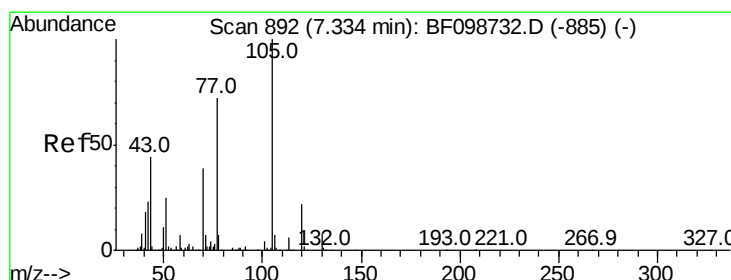
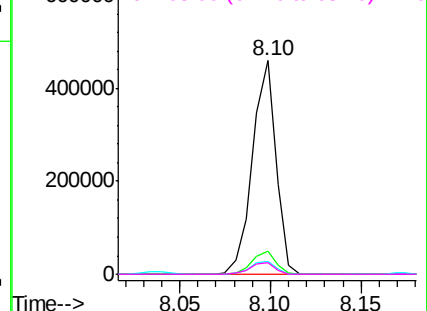
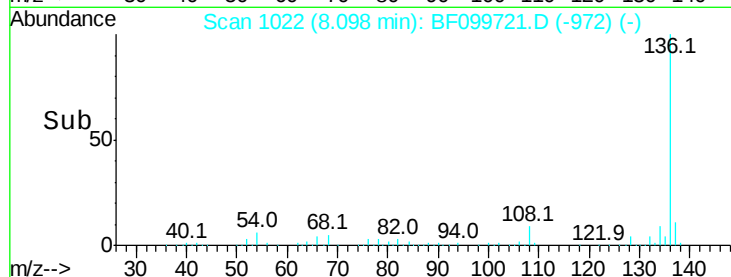


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.464 ng

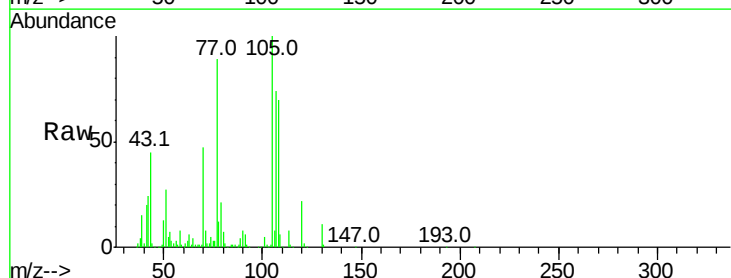
RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Tgt Ion:	105	Resp:	375919
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	27.3	22.3	33.5
120	22.2	16.9	25.3

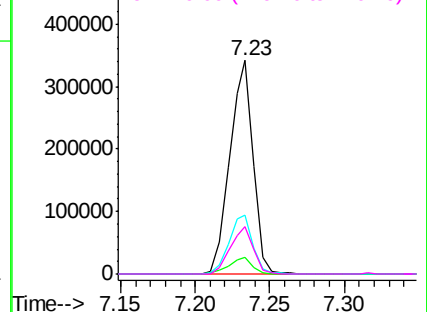
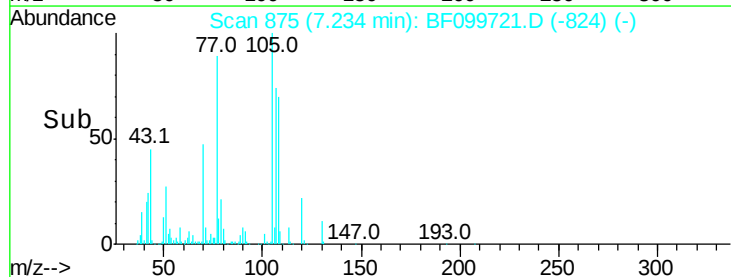


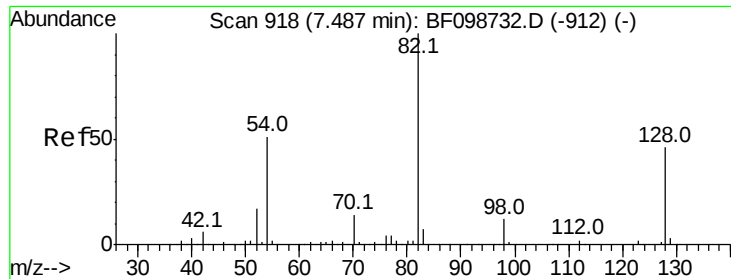
Abundance Ion 105.00 (104.70 to 105.70): E

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

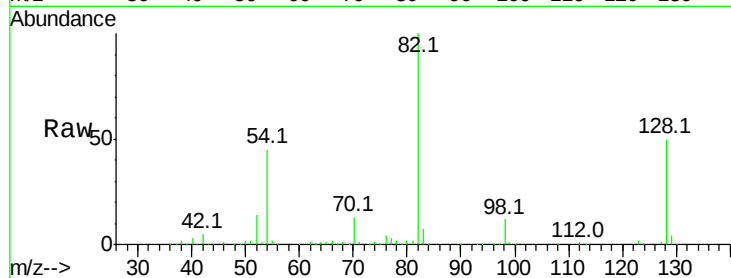




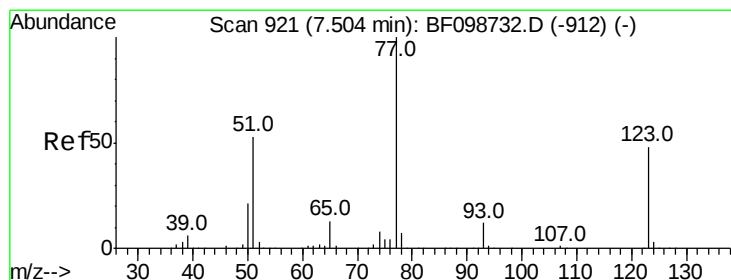
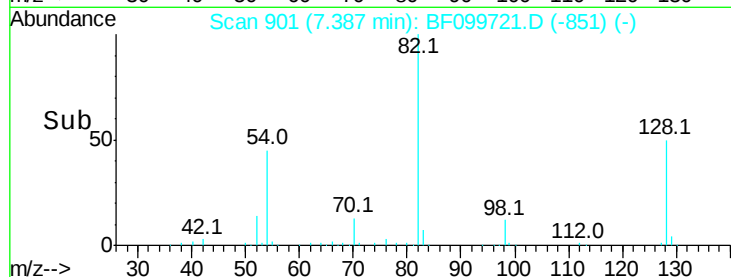
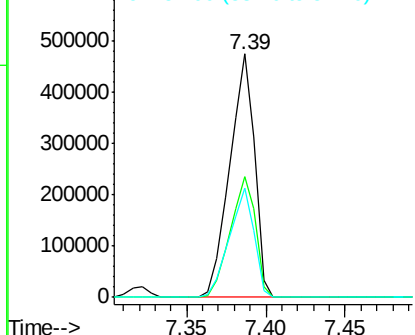
#23
Nitrobenzene-d5
Concen: 79.350 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 512437
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 44.8 41.4 62.2

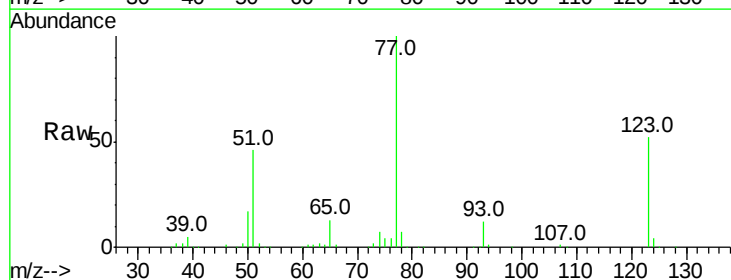


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

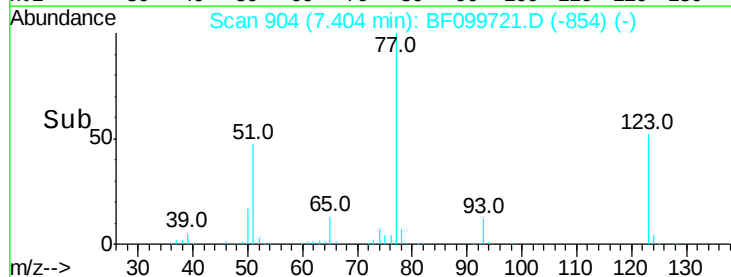
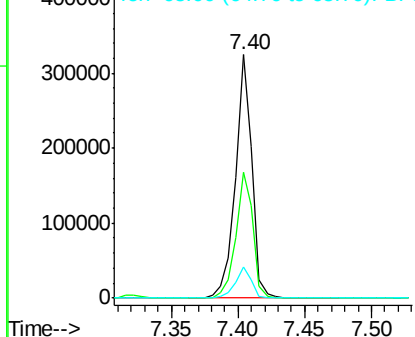


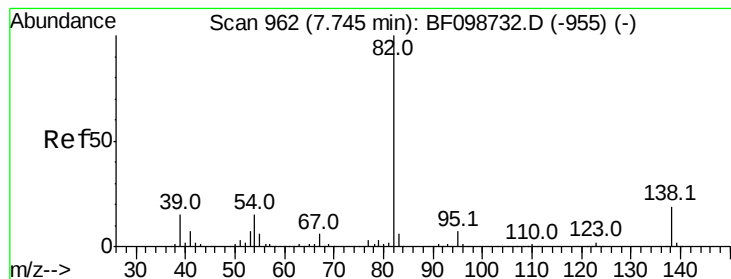
#24
Nitrobenzene
Concen: 38.390 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 77 Resp: 281235
Ion Ratio Lower Upper
77 100
123 51.7 37.9 56.9
65 12.6 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.368 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

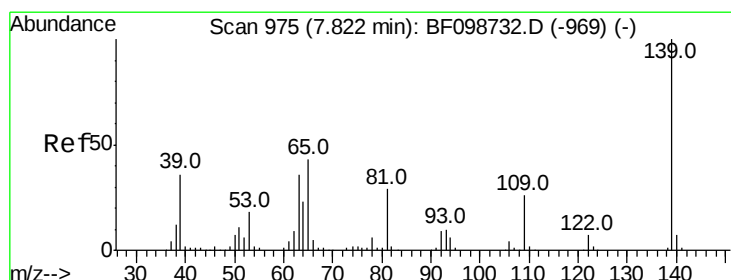
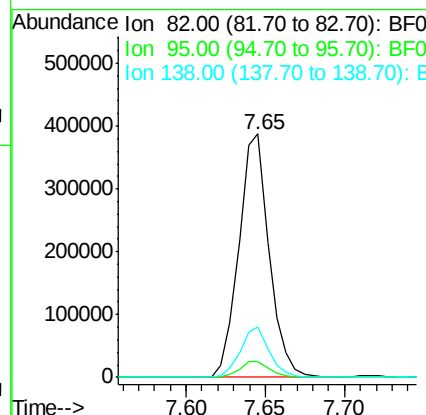
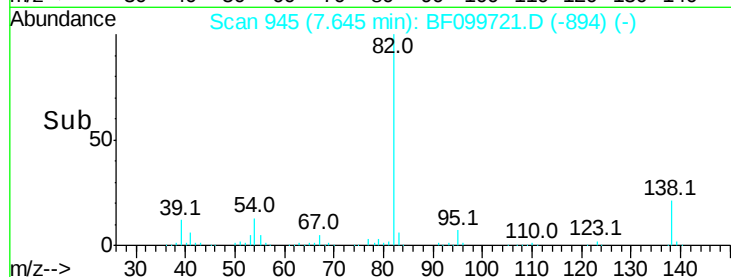
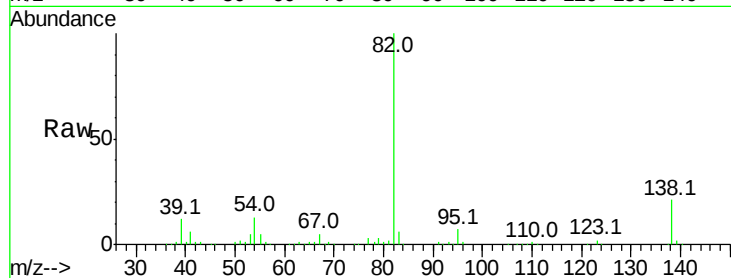
Tot Ion: 82 Resp: 512283

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.6 14.9 22.3



#26

2-Nitrophenol

Concen: 47.757 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

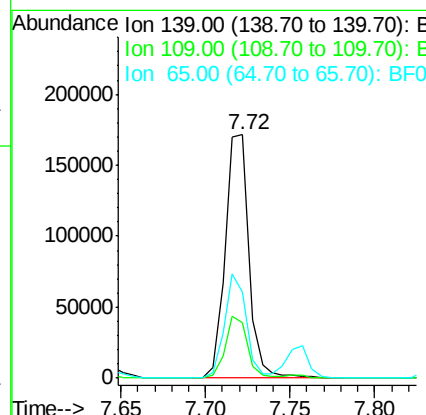
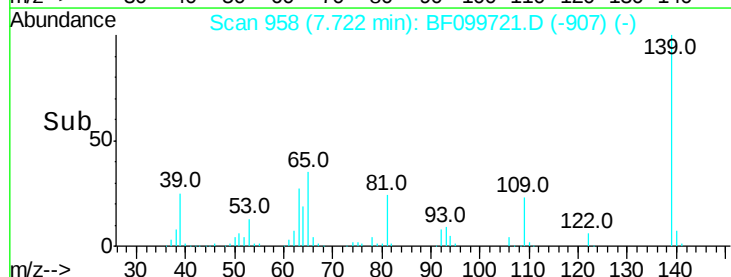
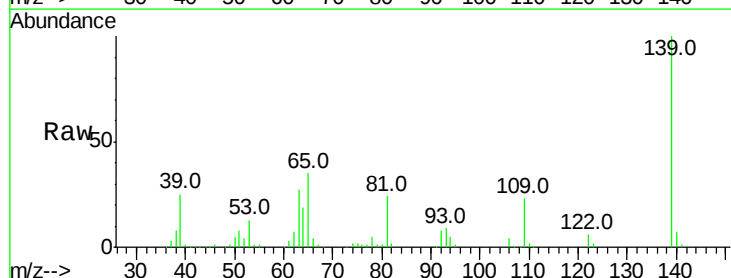
Tgt Ion: 139 Resp: 168236

Ion Ratio Lower Upper

139 100

109 22.9 22.7 34.1

65 35.5 40.5 60.7#

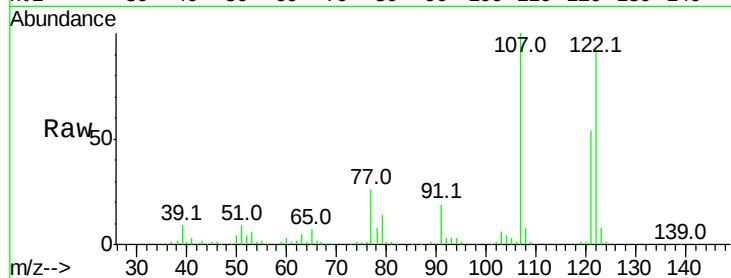




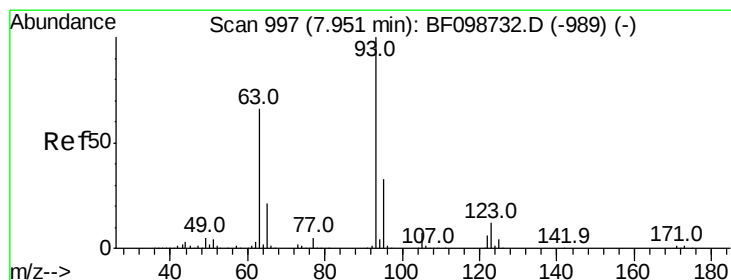
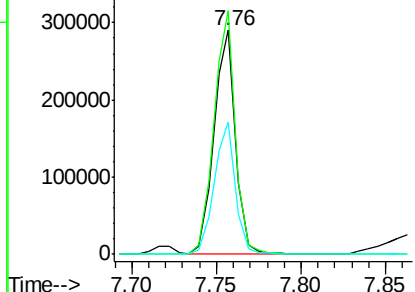
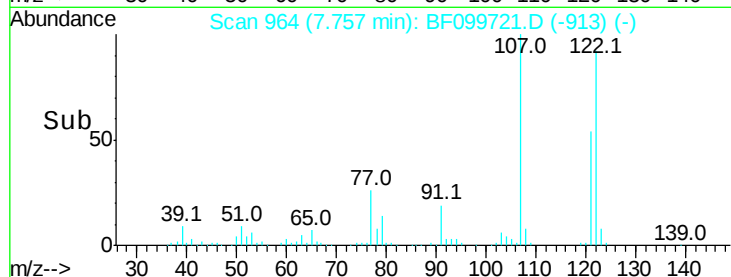
#27
2,4-Dimethylphenol
Concen: 38.804 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 258158
Ion Ratio Lower Upper
122 100
107 108.7 91.2 136.8
121 58.8 47.2 70.8

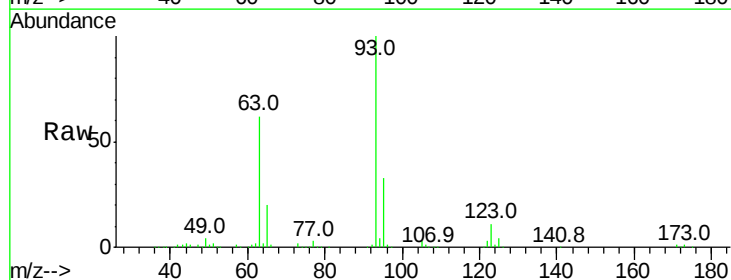


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

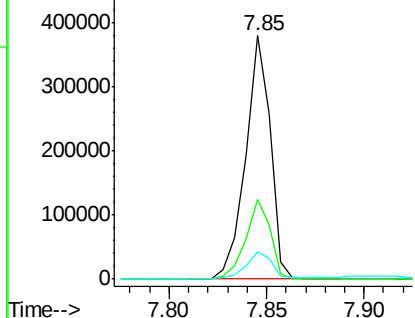
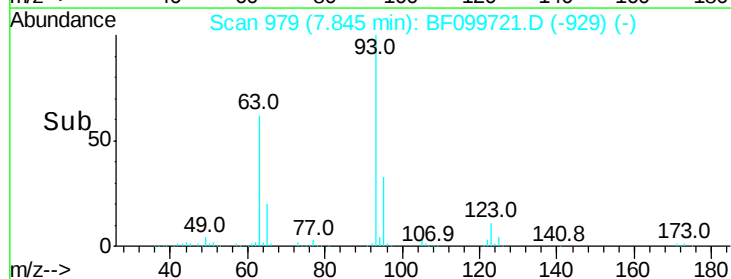


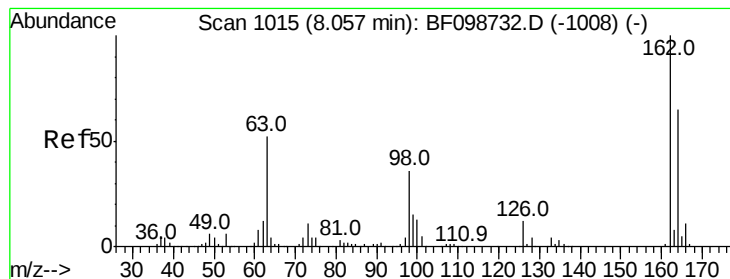
#28
bis(2-Chloroethoxy)methane
Concen: 39.884 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 93 Resp: 331861
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.4 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: 43.191 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

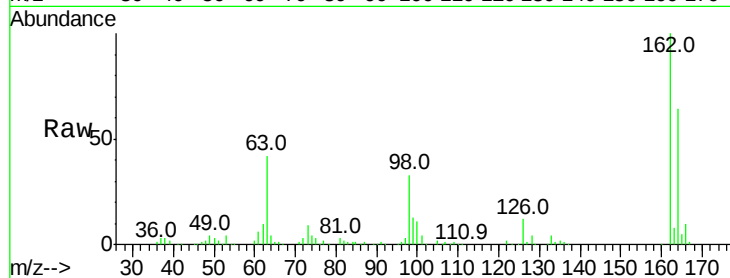
Tot Ion:162 Resp: 246705

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

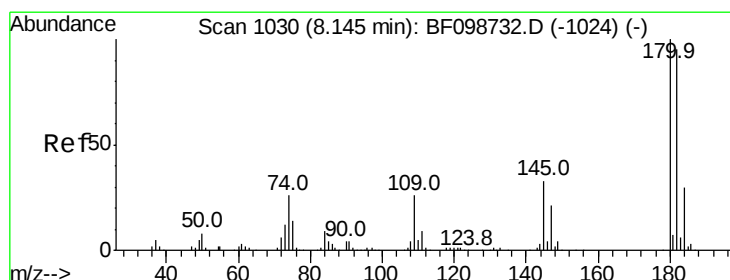
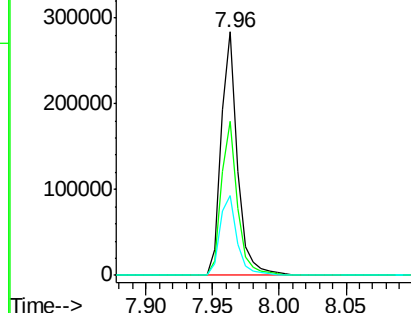
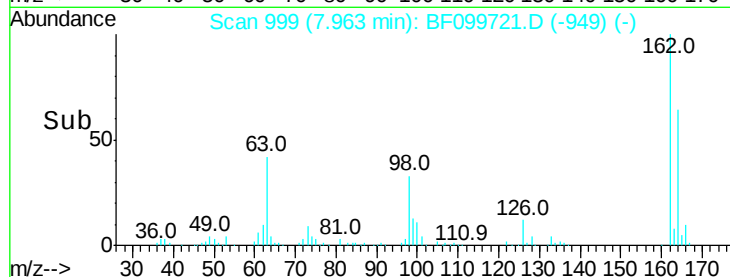
98 32.9 18.1 58.1



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: 42.759 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

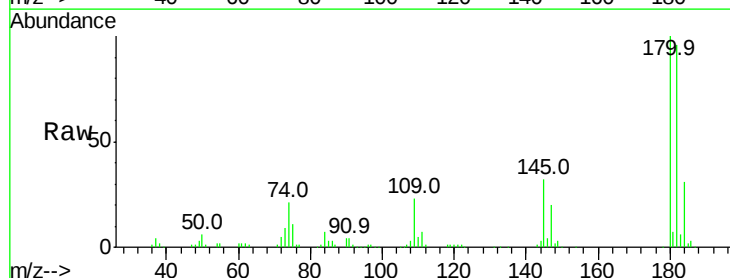
Tgt Ion:180 Resp: 244277

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

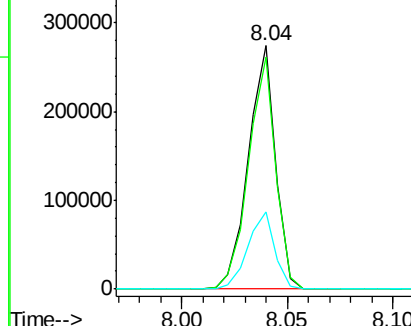
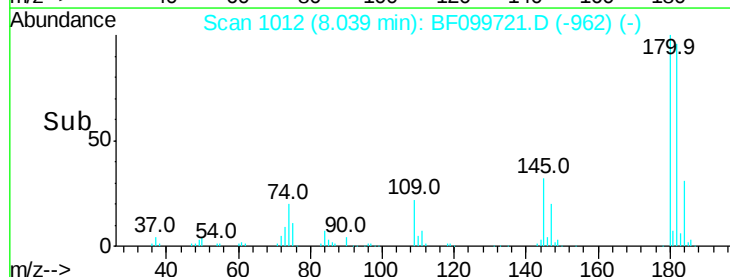
145 31.5 26.5 39.7

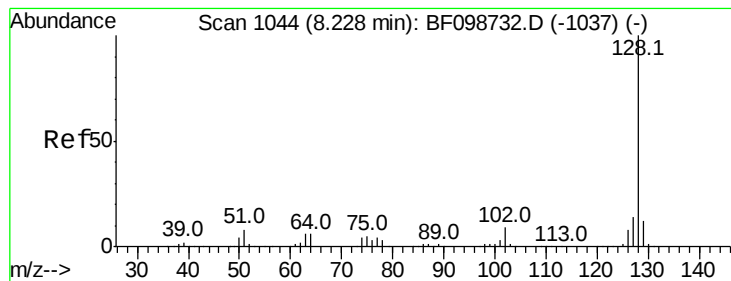


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.679 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

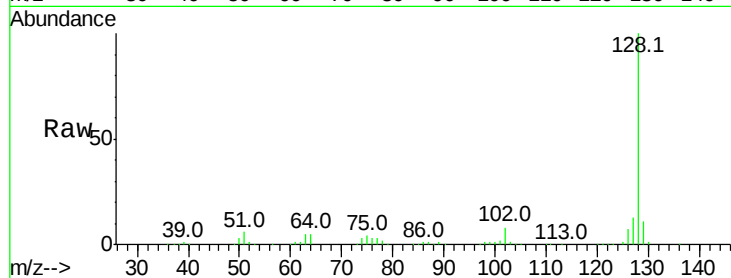
Tot Ion:128 Resp: 810693

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

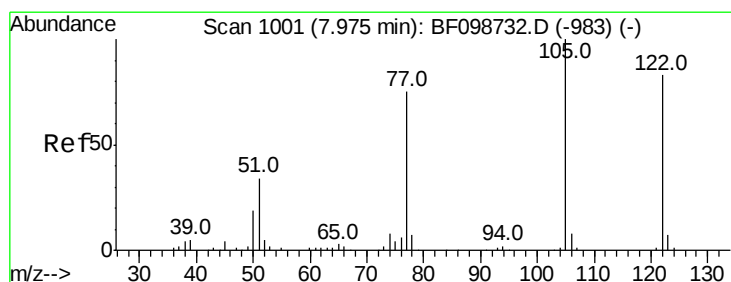
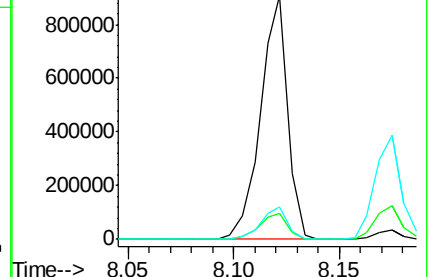
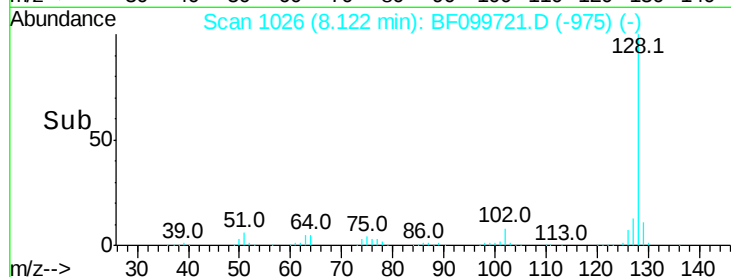
127 13.4 10.9 16.3



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: 38.290 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

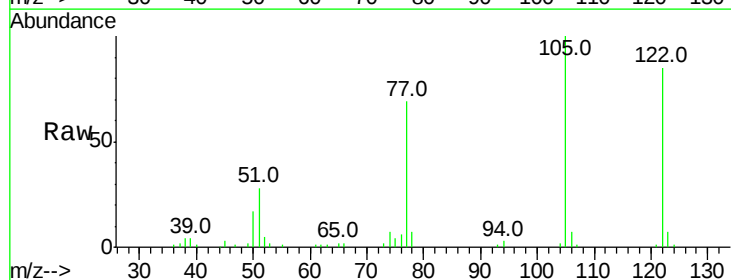
Tgt Ion:122 Resp: 209249

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

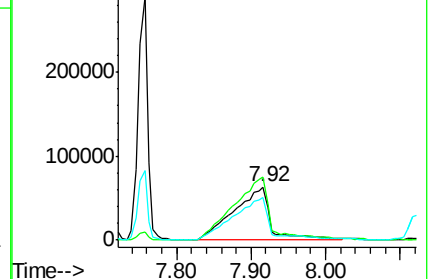
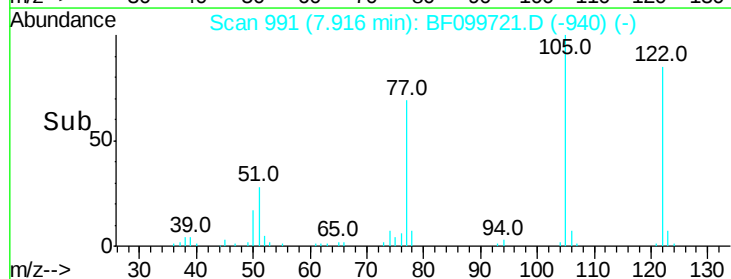
77 81.0 70.7 110.7



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

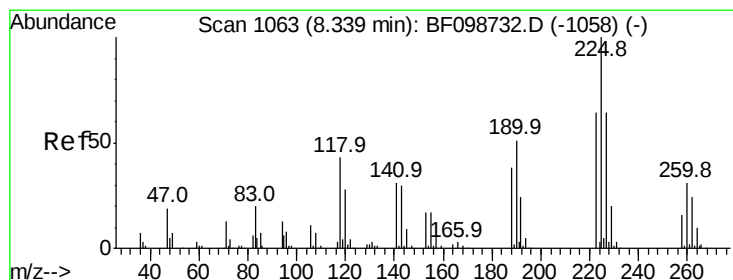
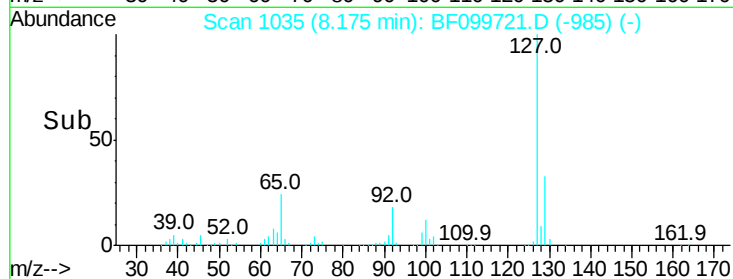
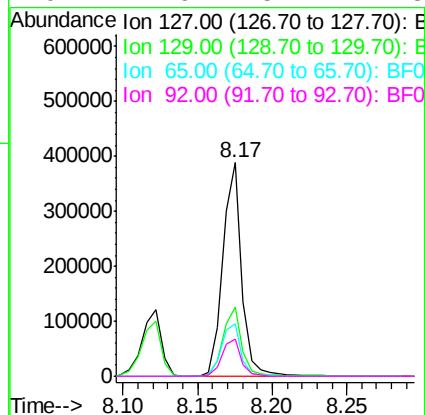
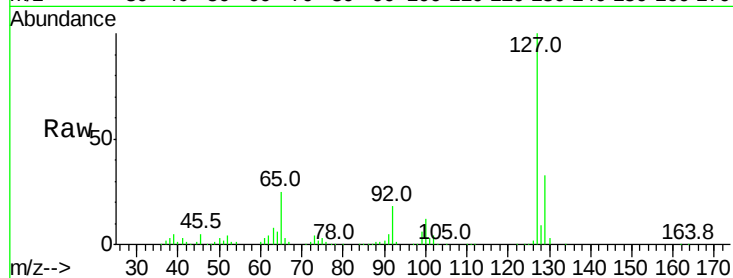




#33
4-Chloroaniline
Concen: 42.208 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

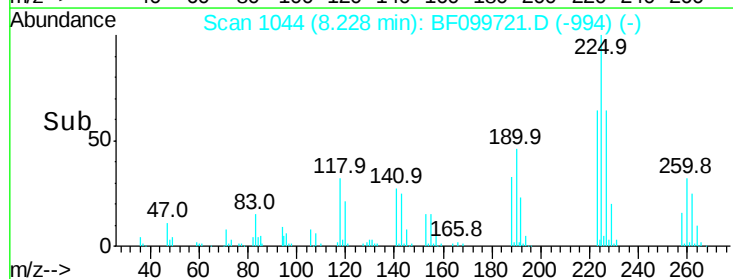
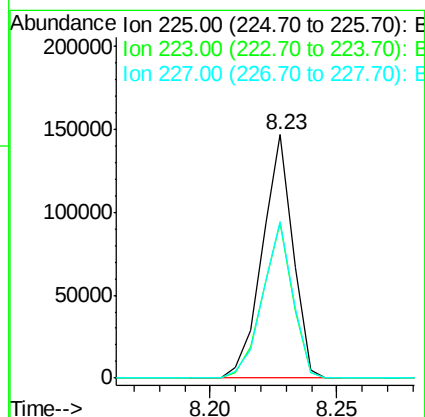
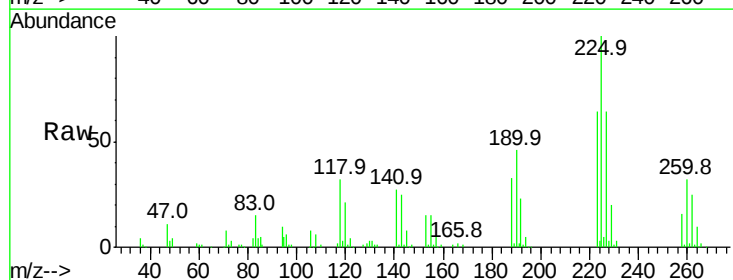
Instrument :
BNA_F
ClientSampleId :

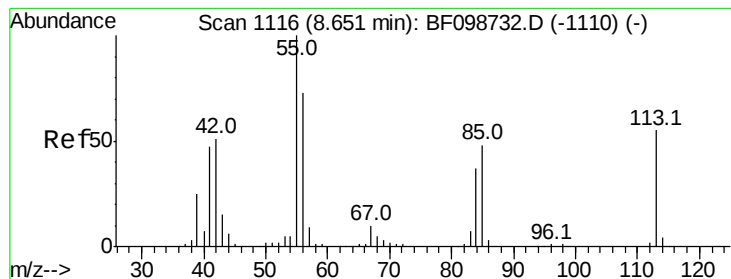
Tot Ion:	127	Resp:	342849
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	24.5	25.0	37.4#
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.624 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:	225	Resp:	122479
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 31.147 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

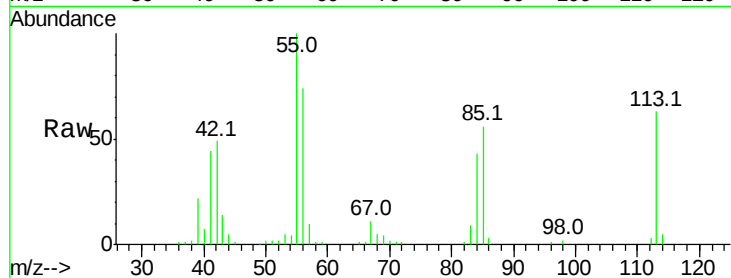
Tot Ion:113 Resp: 57069

Ion Ratio Lower Upper

113 100

55 157.7 163.3 203.3#

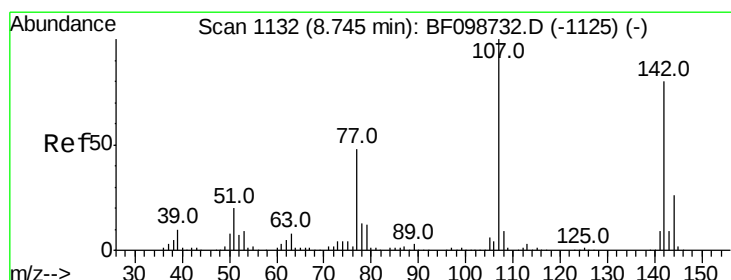
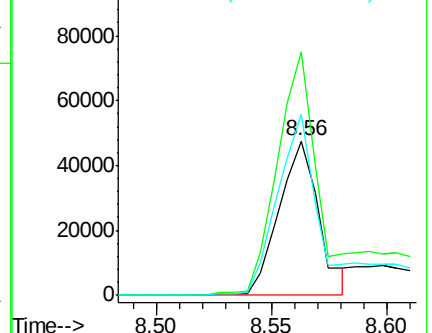
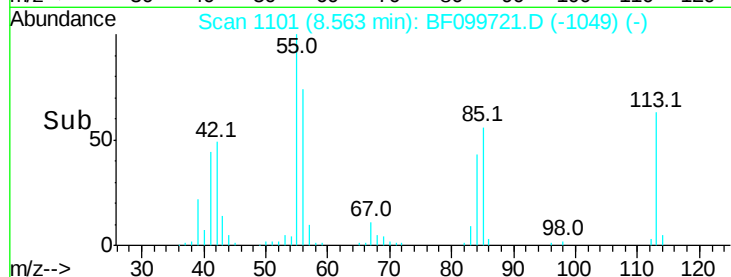
56 117.1 115.7 155.7



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: 40.774 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

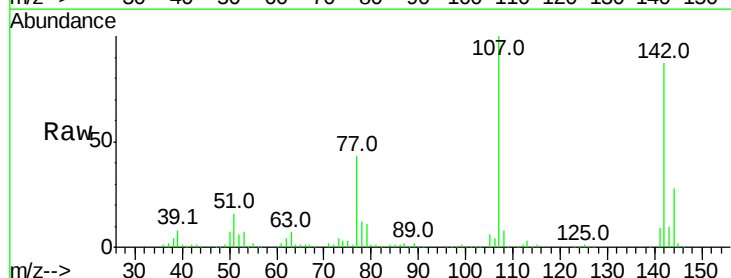
Tgt Ion:107 Resp: 261775

Ion Ratio Lower Upper

107 100

144 28.1 20.5 30.7

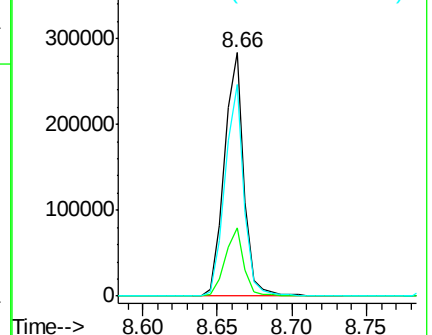
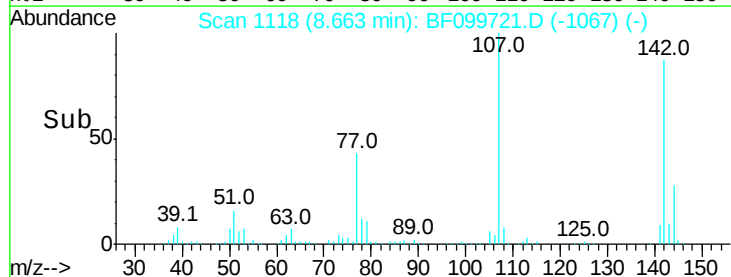
142 87.0 62.0 93.0

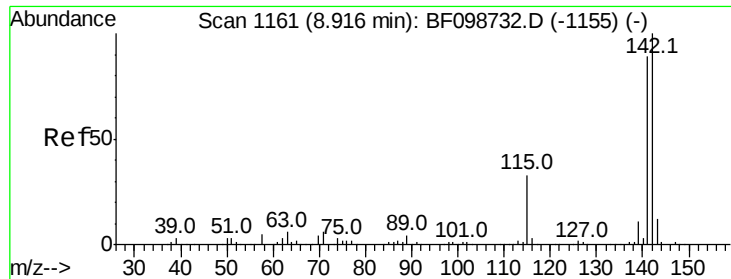


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

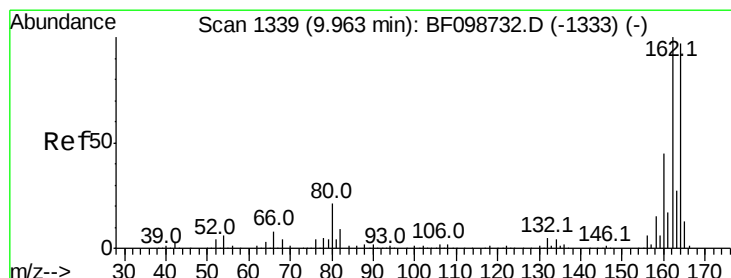
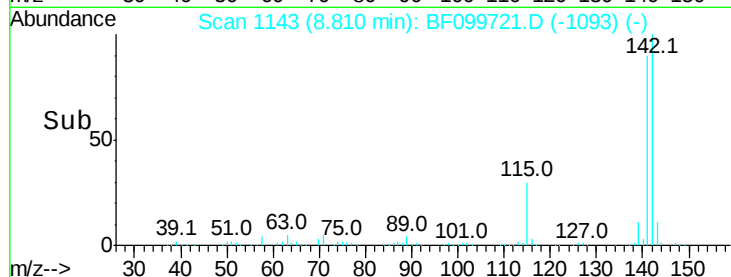
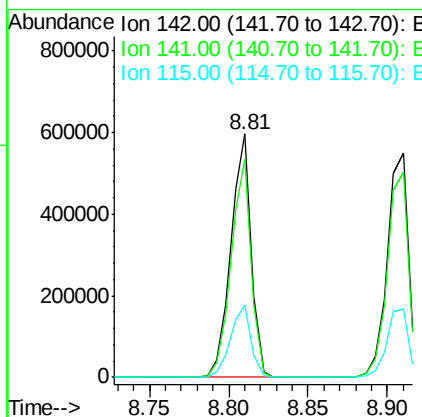
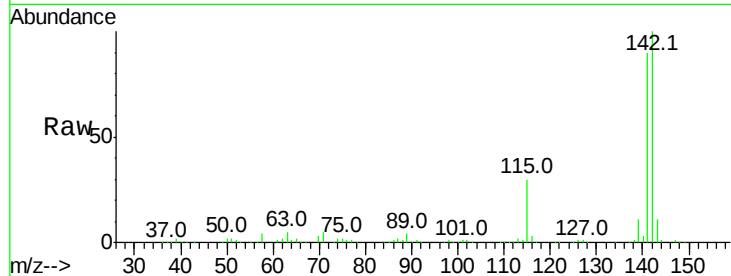




#37
 2-Methylnaphthalene
 Concen: 41.877 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

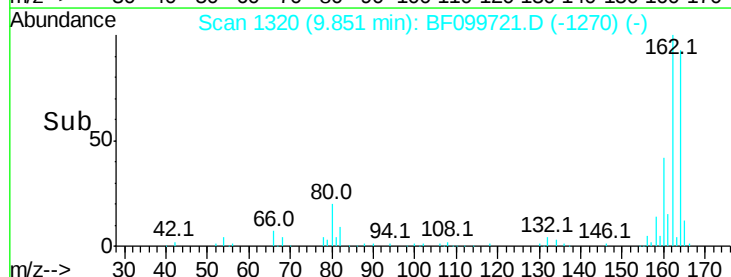
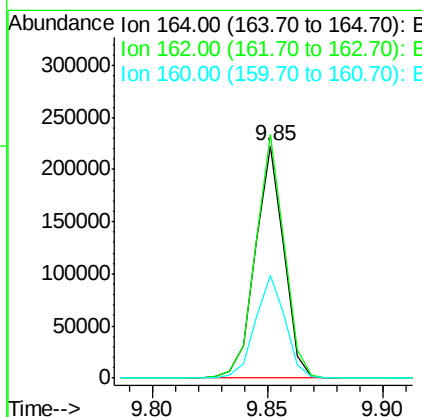
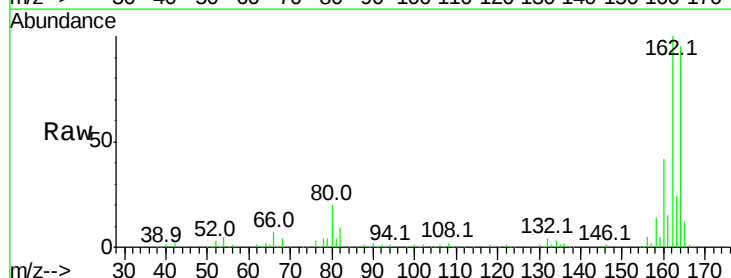
Instrument :
 BNA_F
 ClientSampleId :

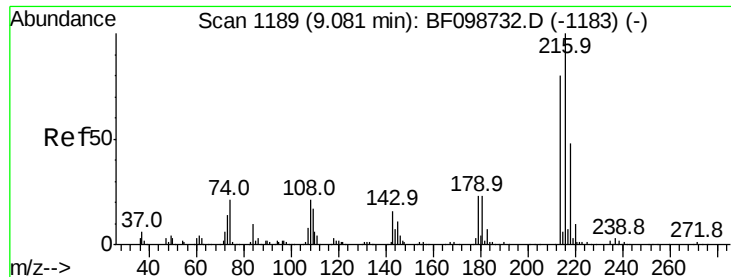
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	29.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.052 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 246206

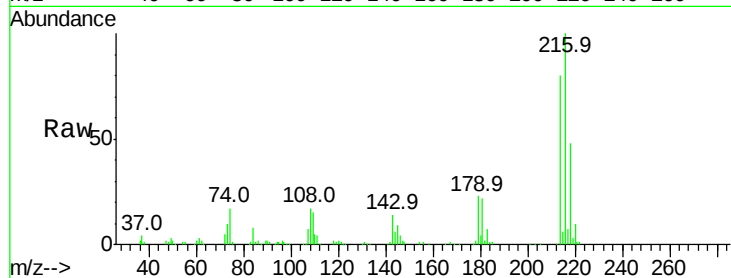
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.3 18.1 27.1

108 18.5 17.2 25.8

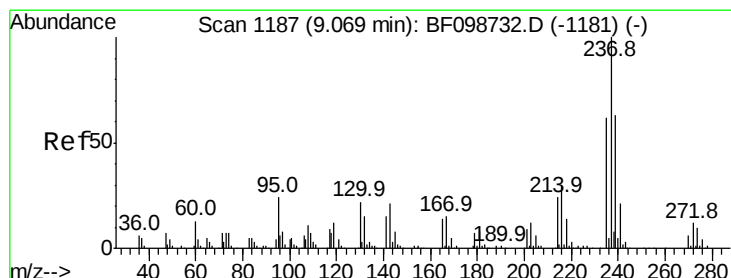
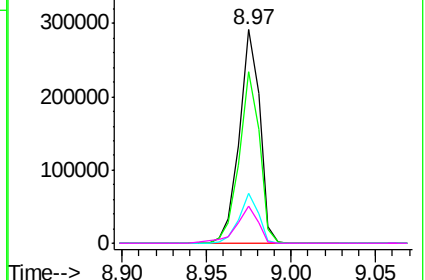
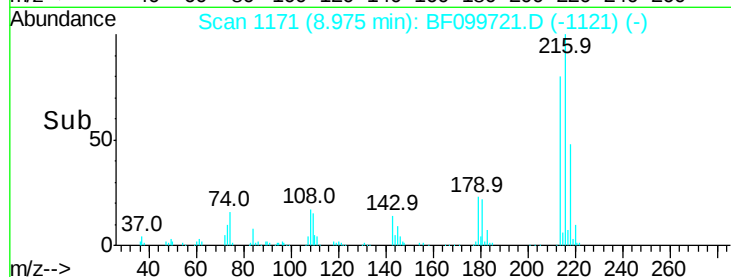


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.501 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

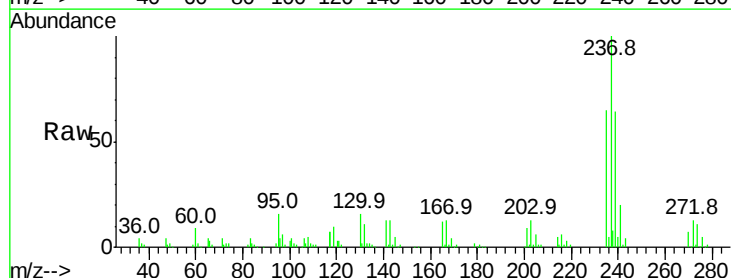
Tgt Ion:237 Resp: 98008

Ion Ratio Lower Upper

237 100

235 64.6 44.8 84.8

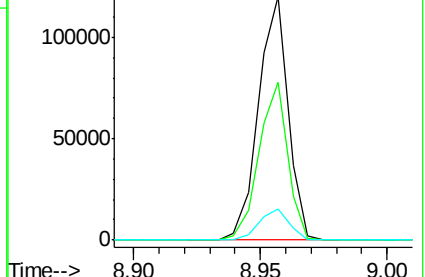
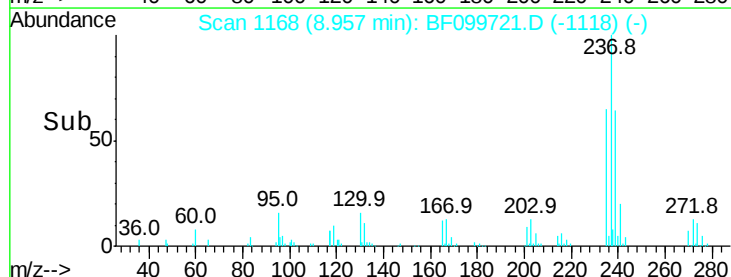
272 12.8 0.0 33.3

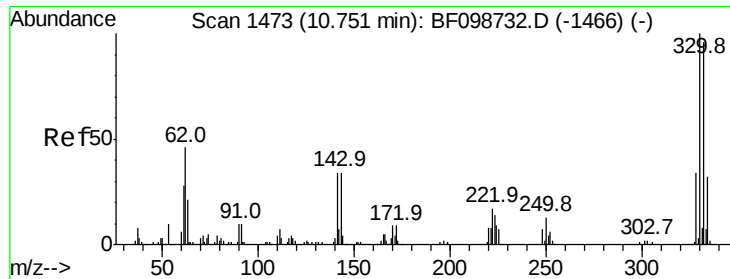


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

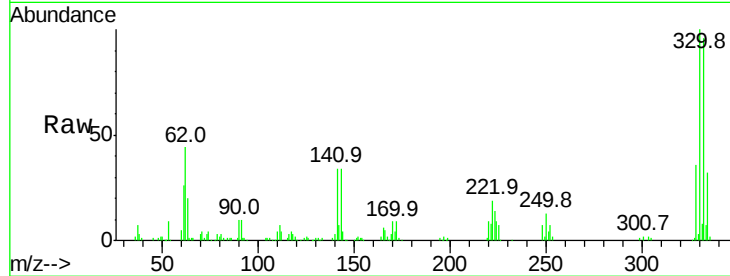




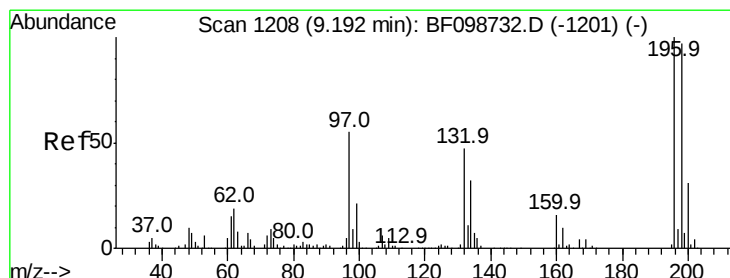
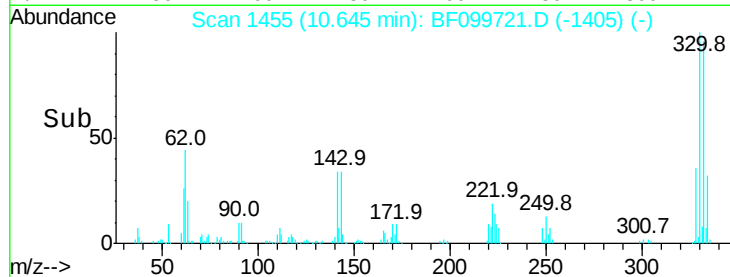
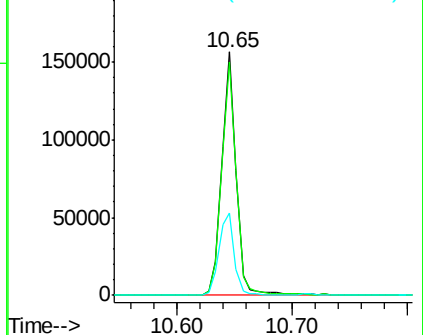
#41
 2,4,6-Tribromophenol
 Concen: 87.246 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	36.4	29.9	44.9

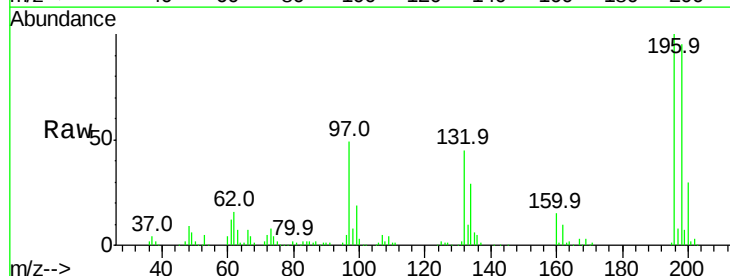


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

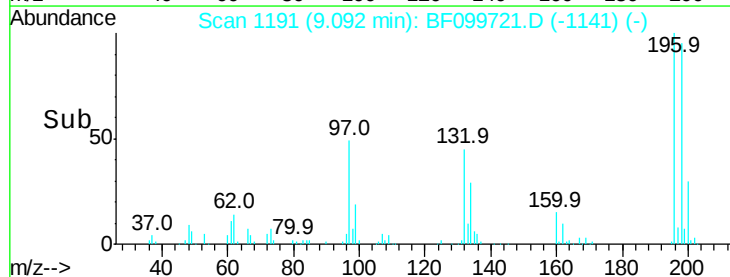
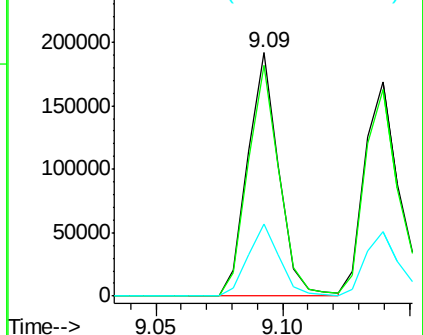


#42
 2,4,6-Trichlorophenol
 Concen: 40.422 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	29.7	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

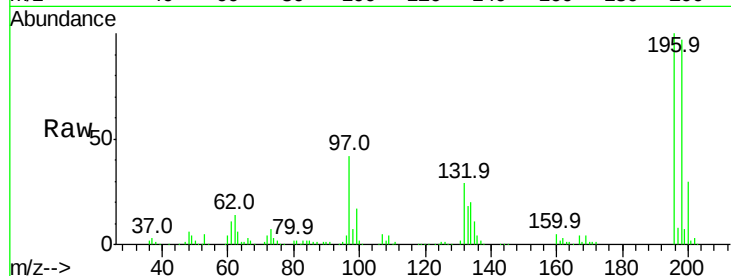




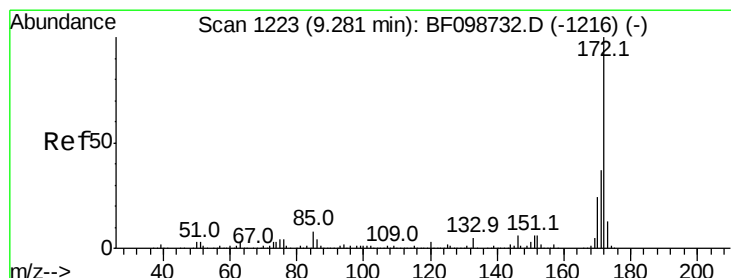
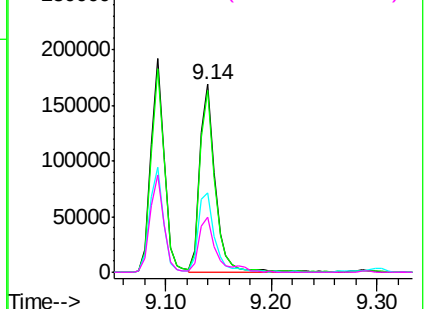
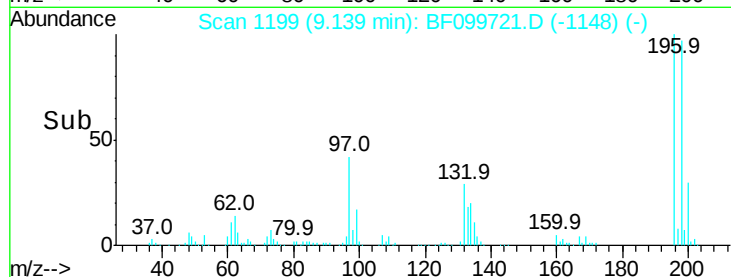
#43
 2,4,5-Trichlorophenol
 Concen: 41.492 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 167806
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.6 112.0
 97 42.2 42.9 64.3#
 132 29.0 26.3 39.5

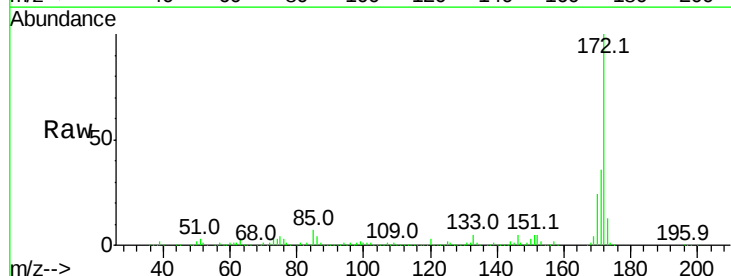


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

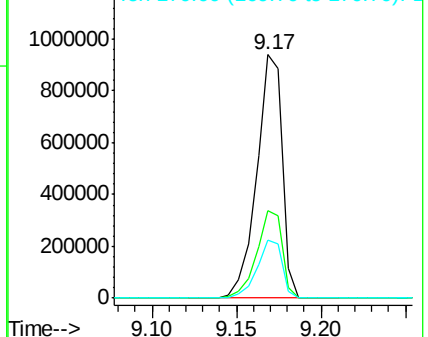
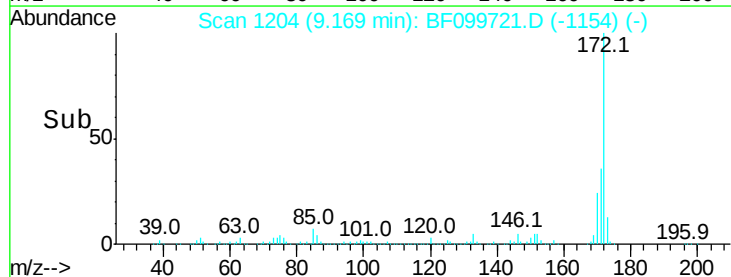


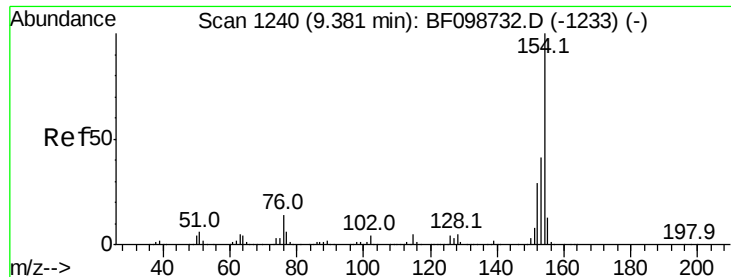
#44
 2-Fluorobiphenyl
 Concen: 85.690 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:172 Resp: 984284
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 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

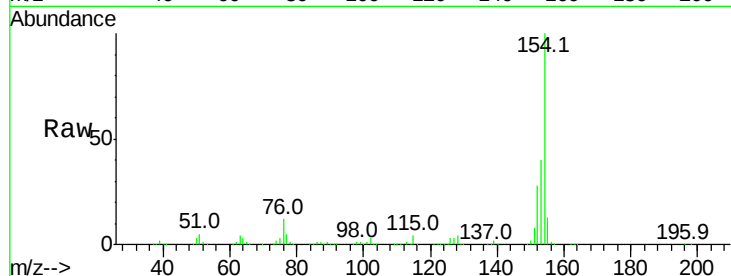




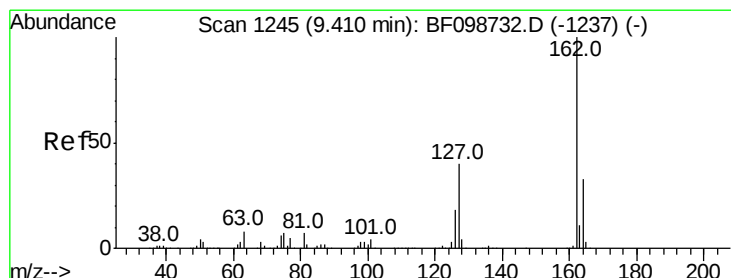
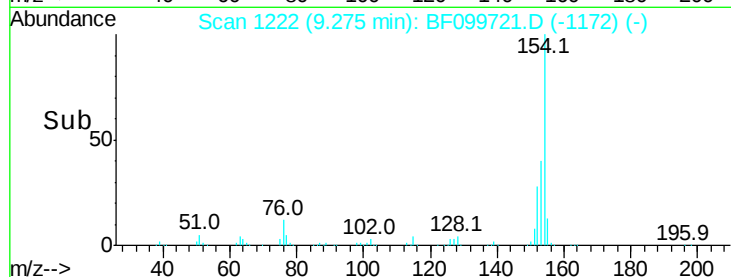
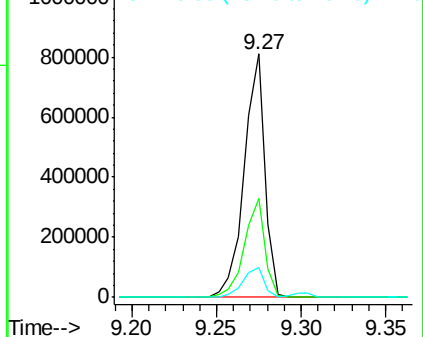
#45
1,1'-Biphenyl
Concen: 41.954 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 691424
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 12.2 0.0 34.0

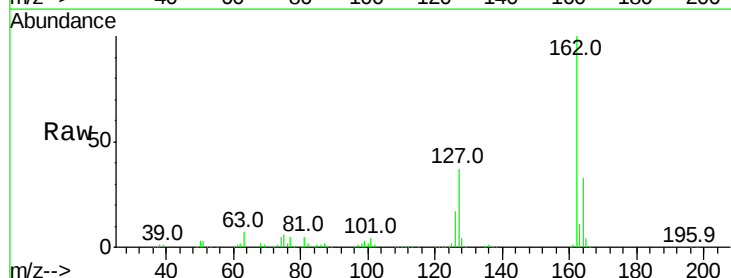


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

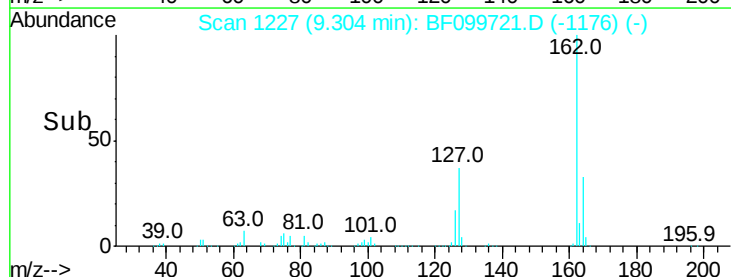
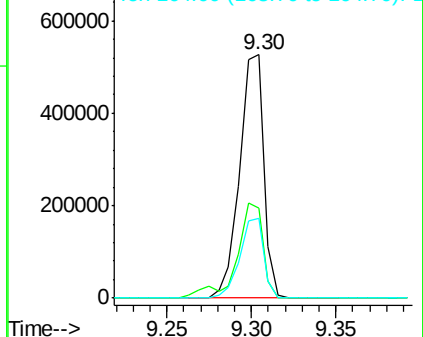


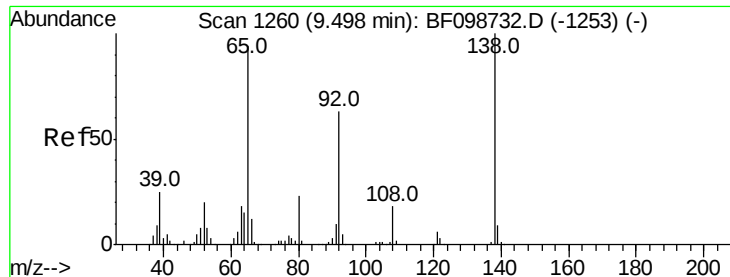
#46
2-Chloronaphthalene
Concen: 42.621 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:162 Resp: 527382
Ion Ratio Lower Upper
162 100
127 37.0 33.9 50.9
164 32.5 26.5 39.7



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





#47

2-Nitroaniline

Concen: 38.522 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

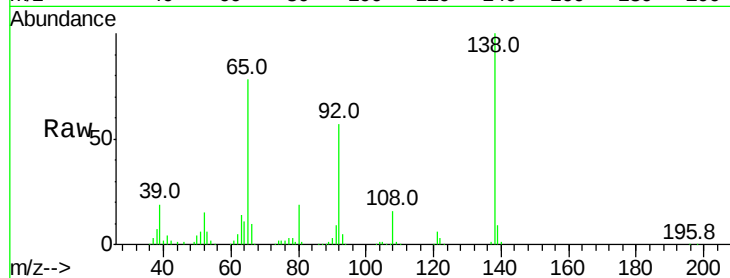
Tot Ion: 65 Resp: 145954

Ion Ratio Lower Upper

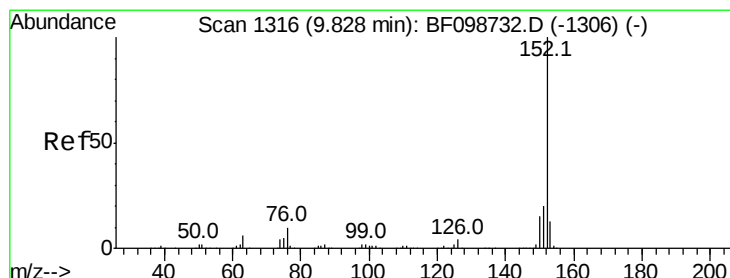
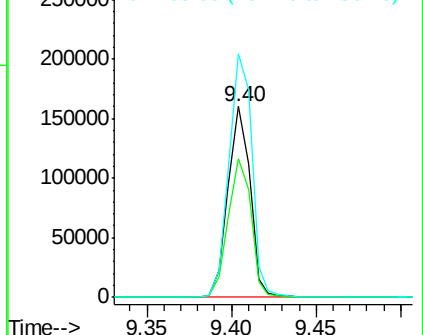
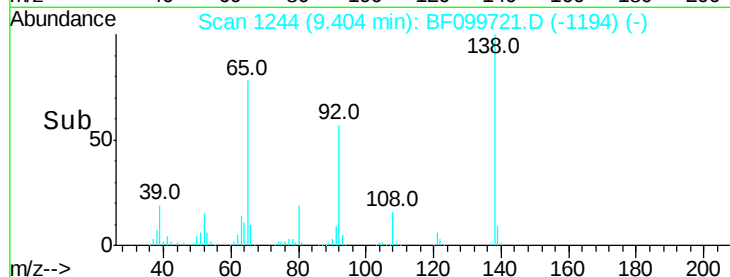
65 100

92 72.9 55.8 83.6

138 127.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.030 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

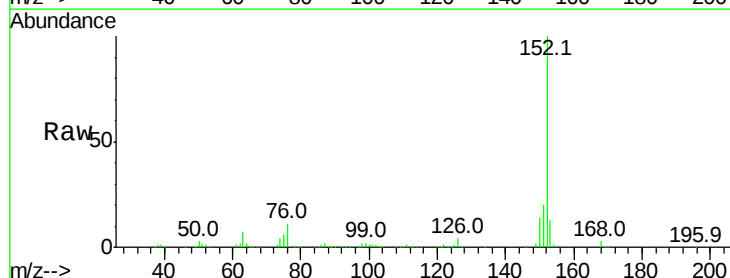
Tgt Ion: 152 Resp: 777208

Ion Ratio Lower Upper

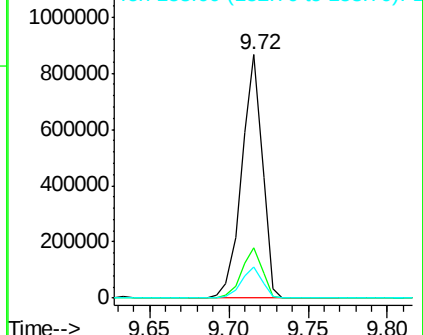
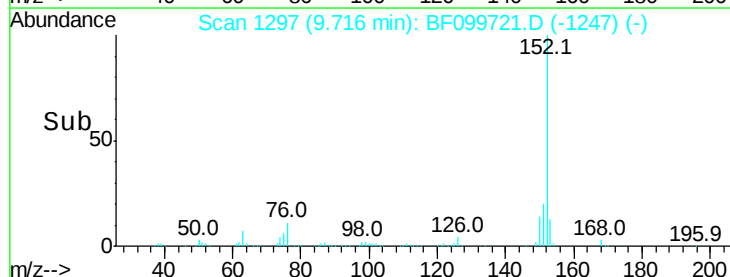
152 100

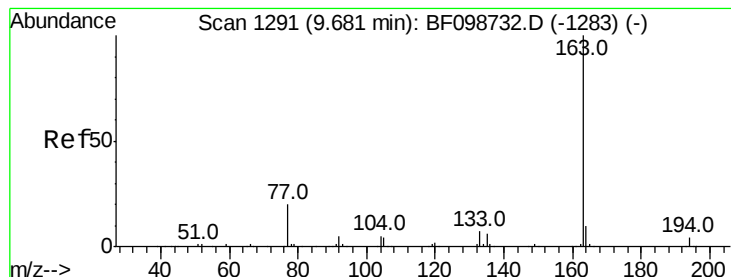
151 20.4 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.306 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

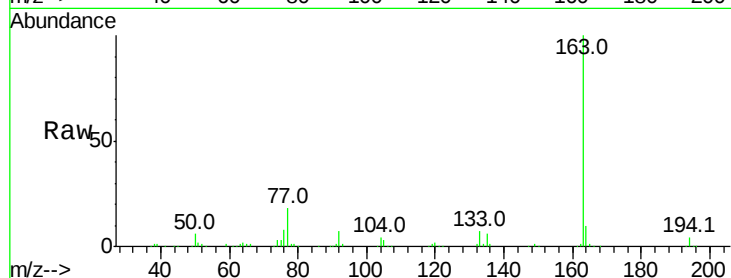
Tot Ion:163 Resp: 612282

Ion Ratio Lower Upper

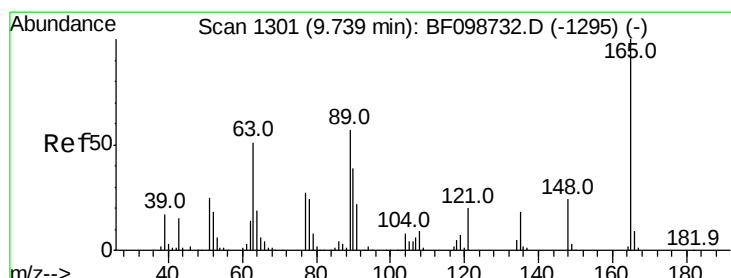
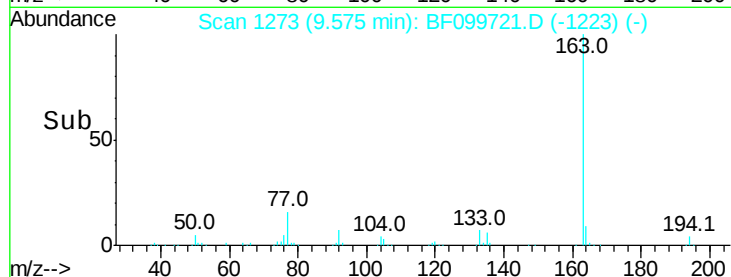
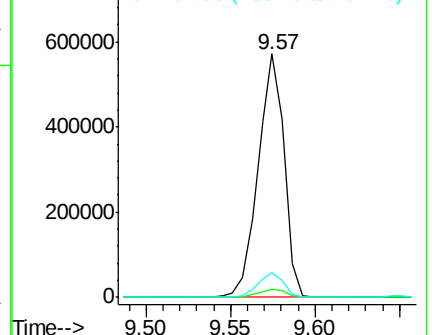
163 100

194 3.5 2.7 4.1

164 10.4 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: 44.416 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

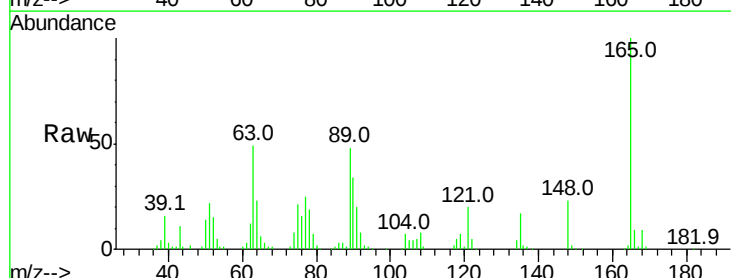
Tgt Ion:165 Resp: 139946

Ion Ratio Lower Upper

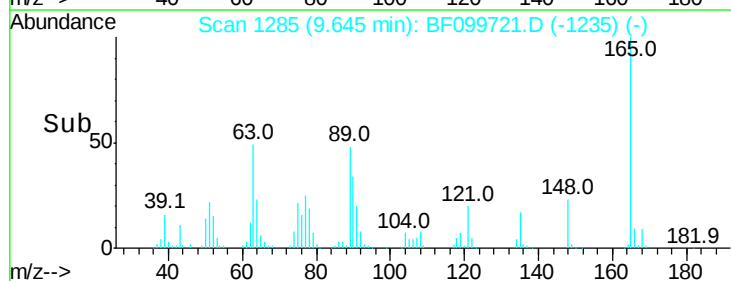
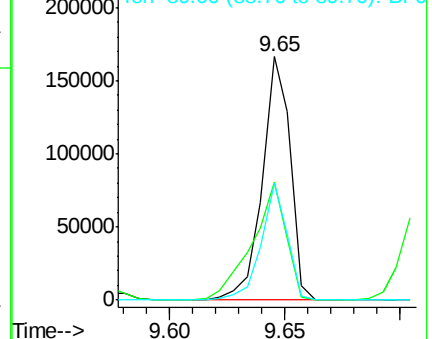
165 100

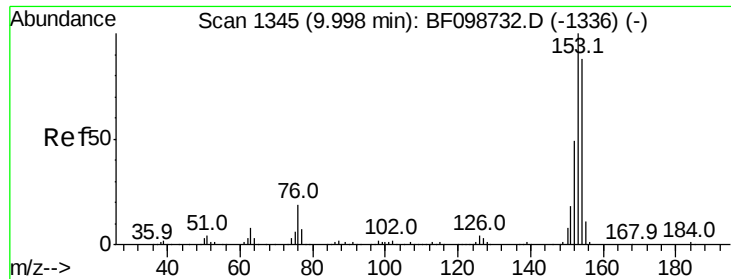
63 48.7 44.7 67.1

89 48.3 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: 39.155 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

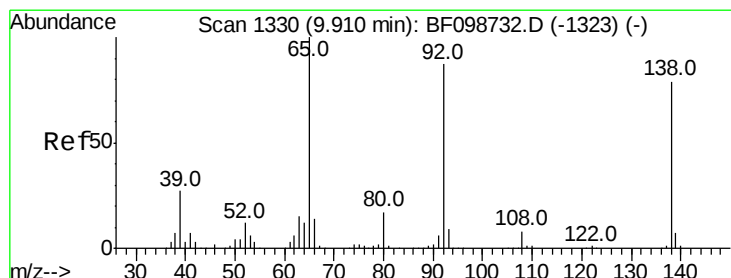
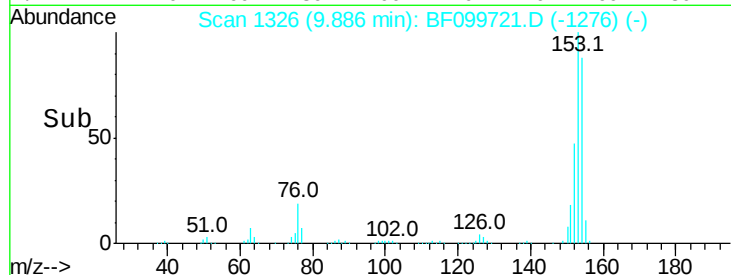
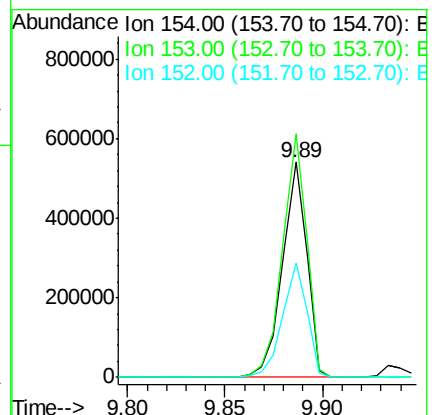
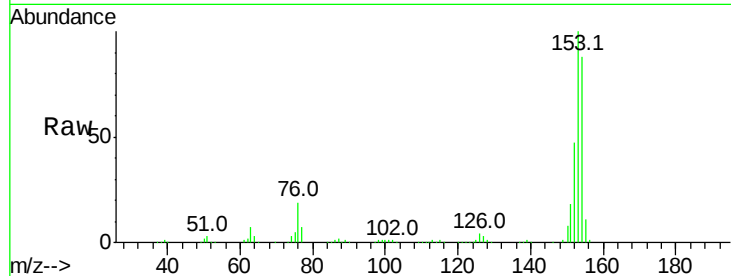
Tot Ion:154 Resp: 469827

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 53.1 43.8 65.8



#52

3-Nitroaniline

Concen: 44.267 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

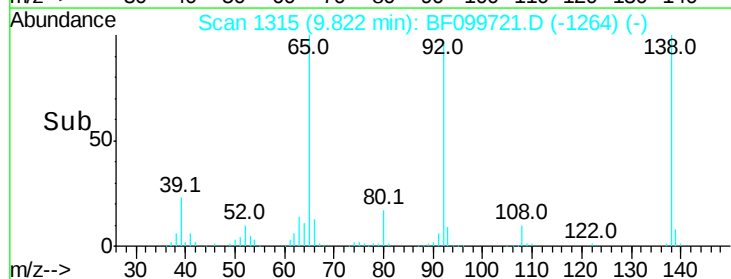
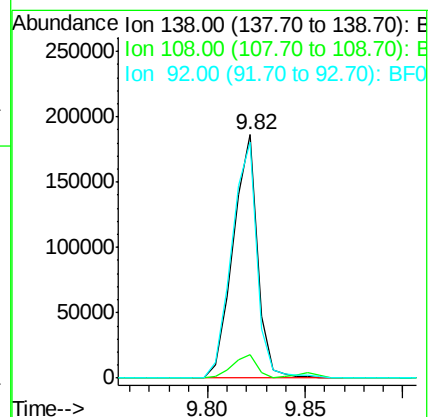
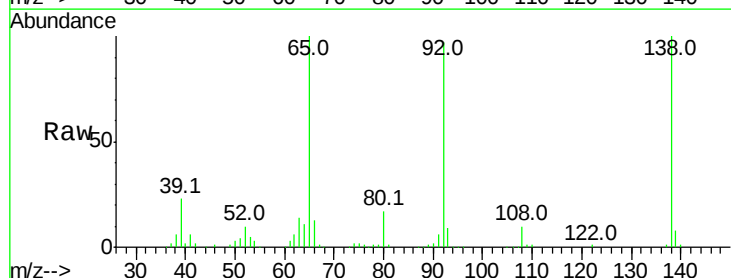
Tgt Ion:138 Resp: 162631

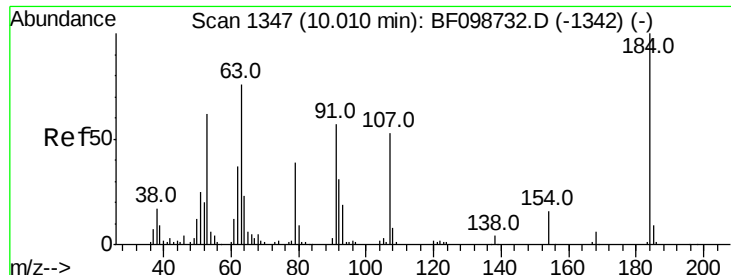
Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

92 97.1 89.4 134.2

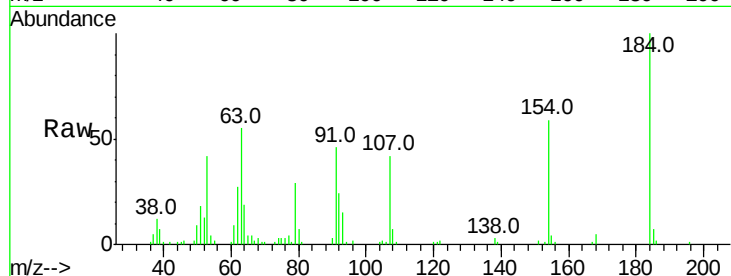




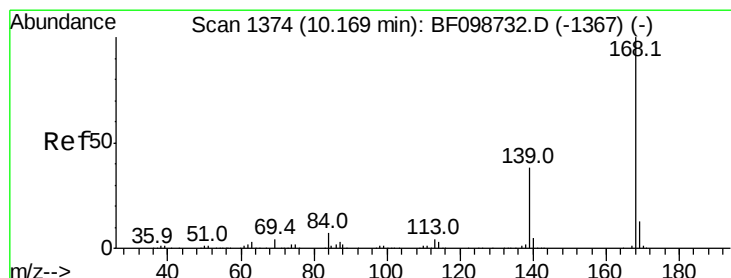
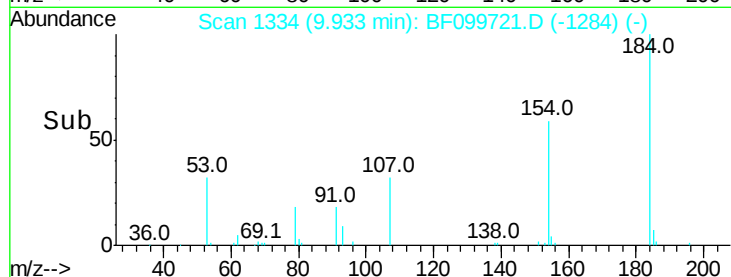
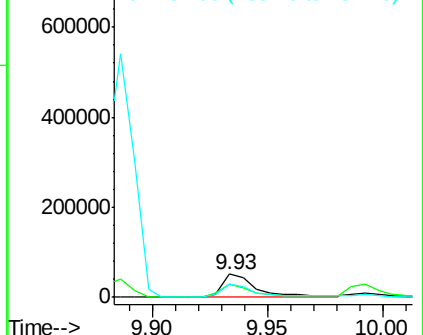
#53
2,4-Dinitrophenol
Concen: 37.476 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 55996
Ion Ratio Lower Upper
184 100
63 55.4 54.2 81.2
154 58.8 53.5 80.3

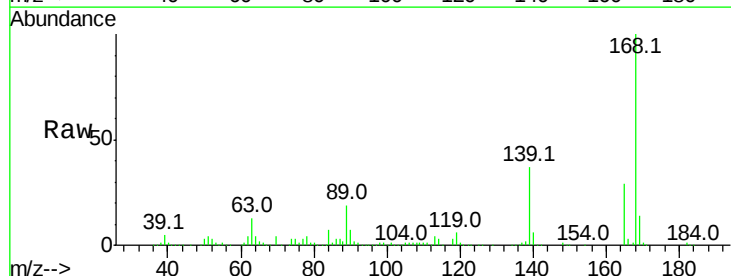


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

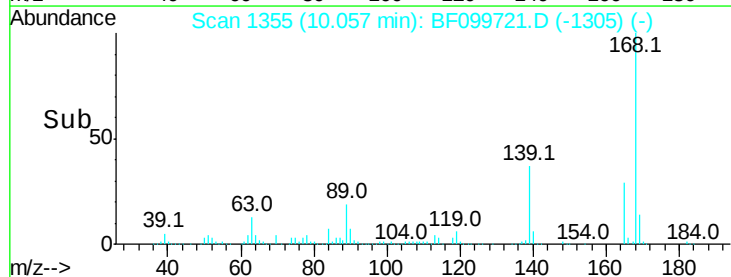
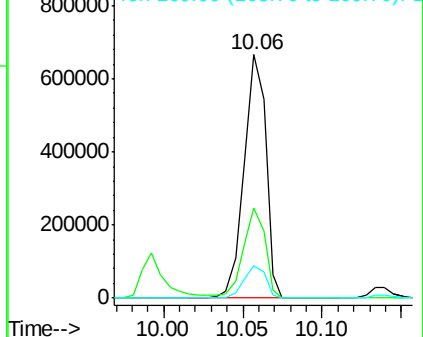


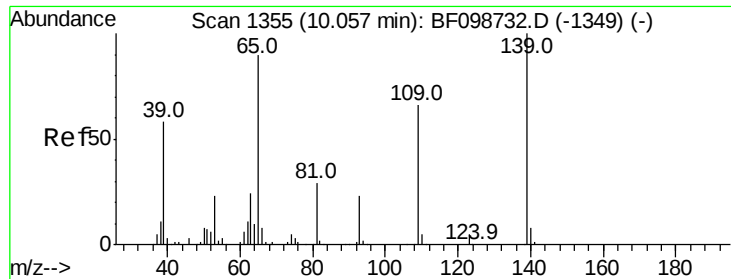
#54
Dibenzofuran
Concen: 39.578 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:168 Resp: 632315
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.5 10.9 16.3



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

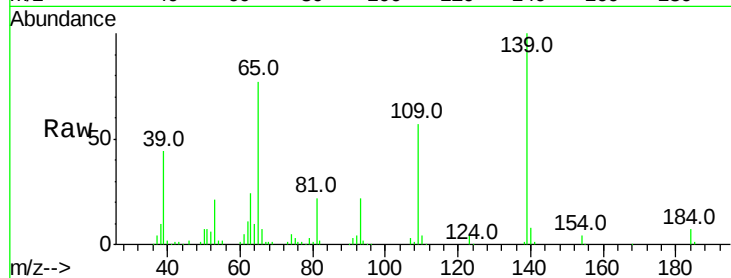




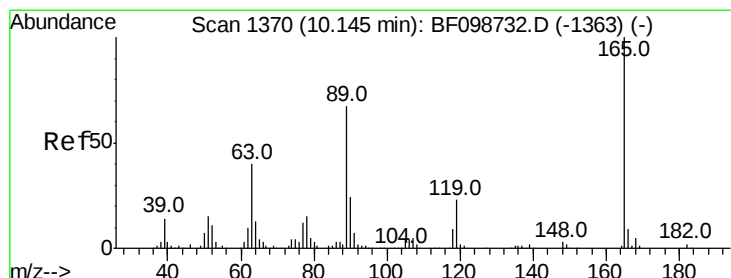
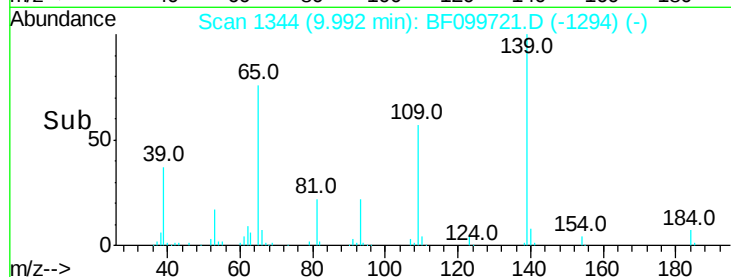
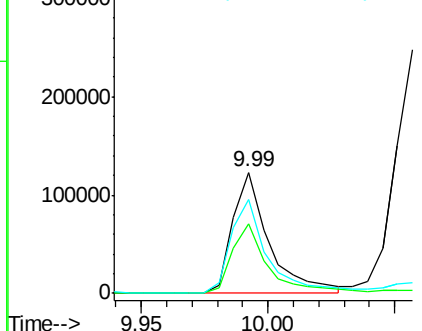
#55
4-Nitrophenol
Concen: 39.463 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 122593
Ion Ratio Lower Upper
139 100
109 57.1 48.4 88.4
65 77.0 72.6 112.6

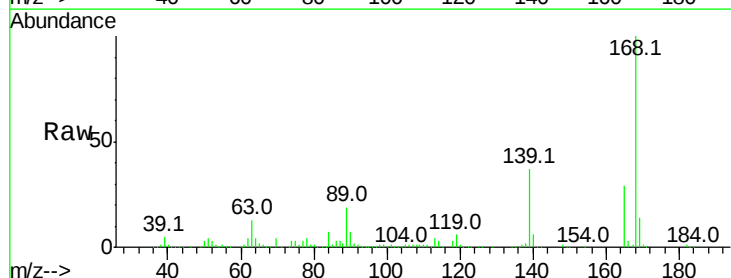


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

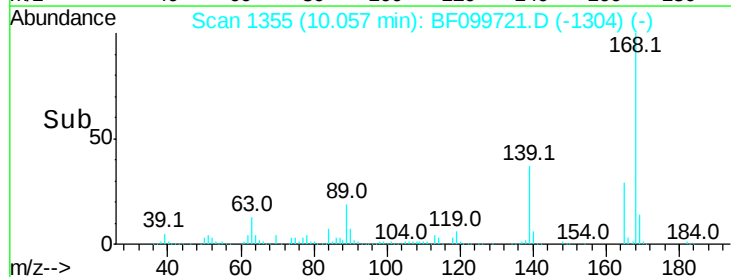
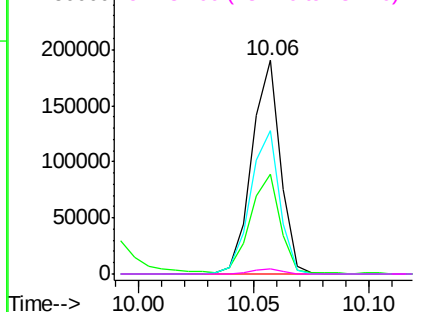


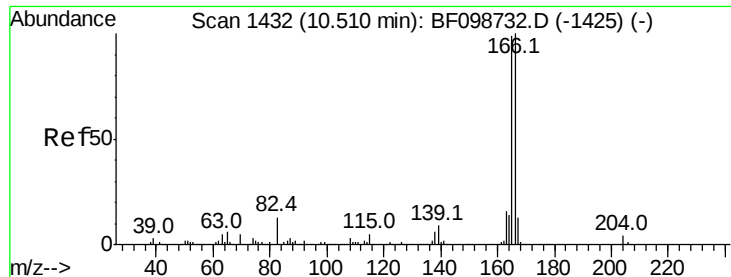
#56
2,4-Dinitrotoluene
Concen: 40.253 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:165 Resp: 164601
Ion Ratio Lower Upper
165 100
63 46.6 36.4 54.6
89 67.1 57.8 86.6
182 2.7 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: 43.308 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

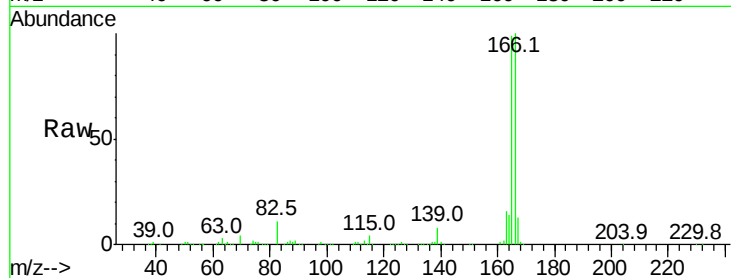
Tot Ion:166 Resp: 556123

Ion Ratio Lower Upper

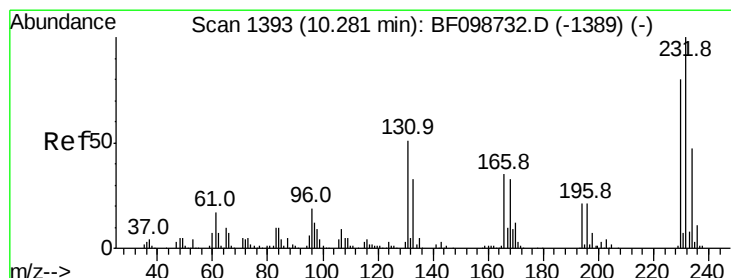
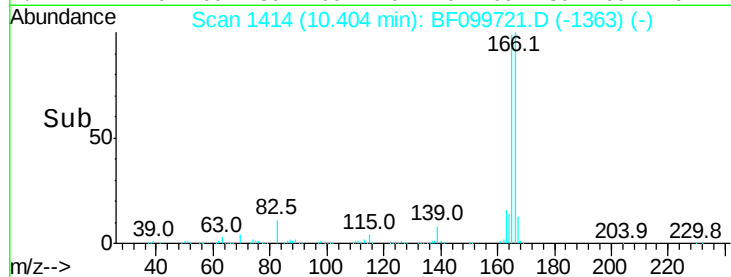
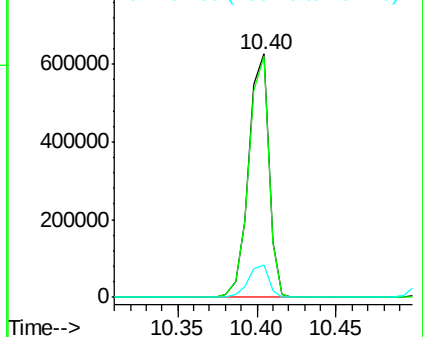
166 100

165 99.1 79.8 119.8

167 13.3 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: 40.789 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Tgt Ion:232 Resp: 113954

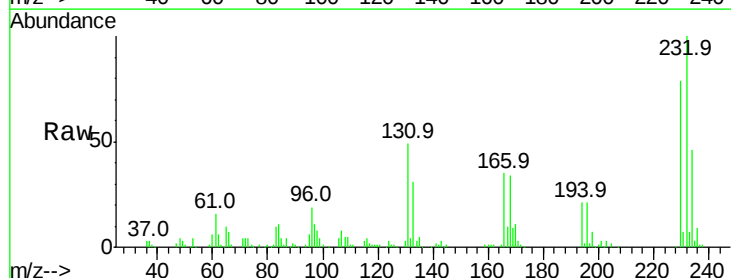
Ion Ratio Lower Upper

232 100

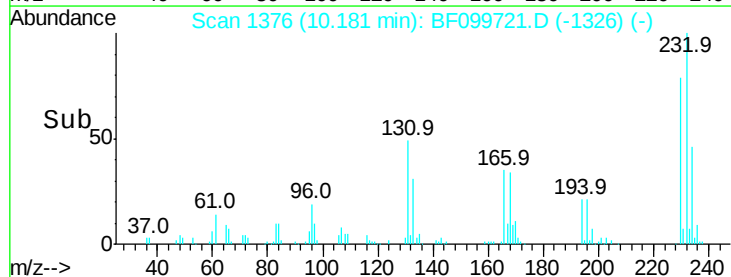
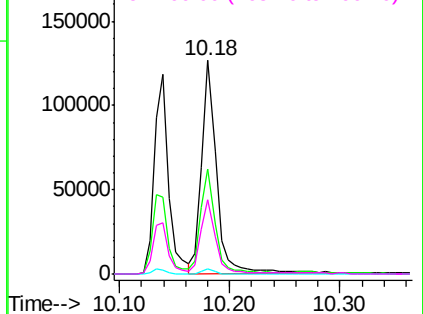
131 50.3 43.8 65.8

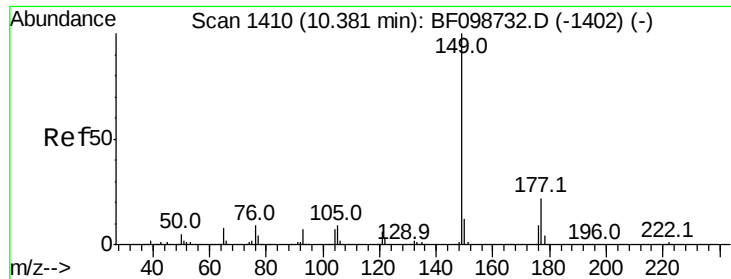
130 2.2 2.1 3.1

166 34.0 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

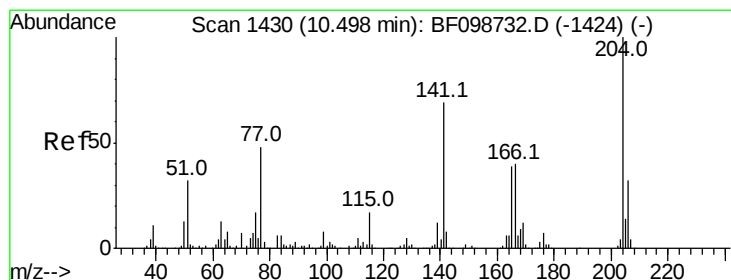
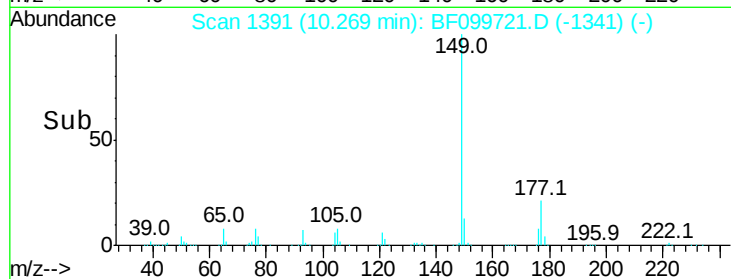
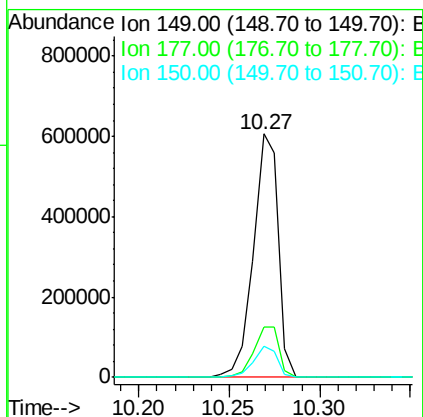
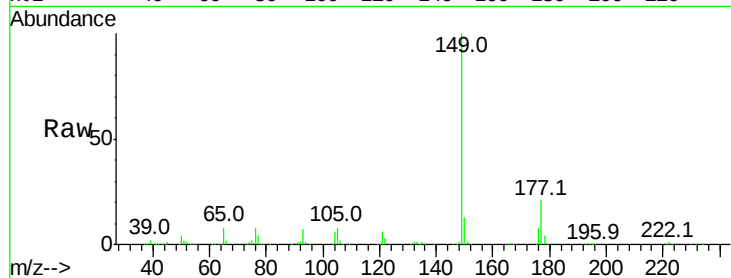




#59
Diethylphthalate
Concen: 40.647 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

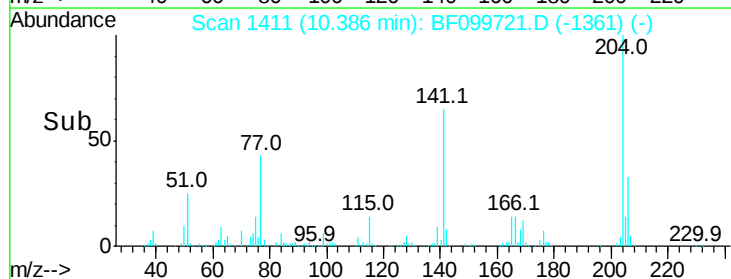
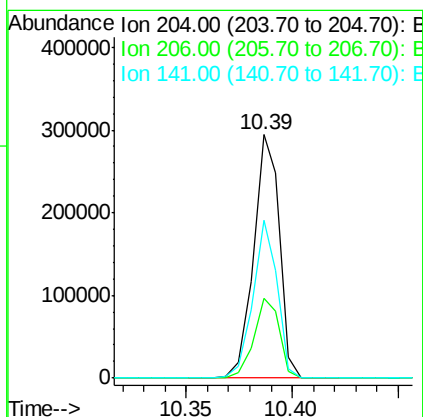
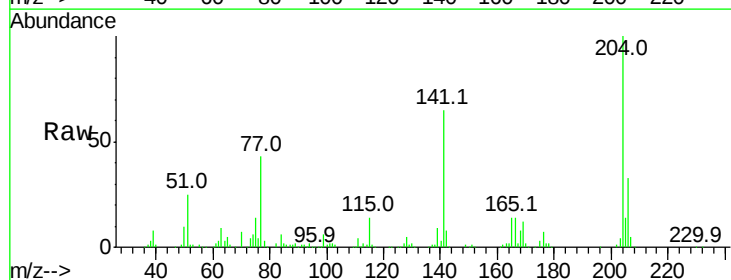
Instrument :
BNA_F
ClientSampleId :

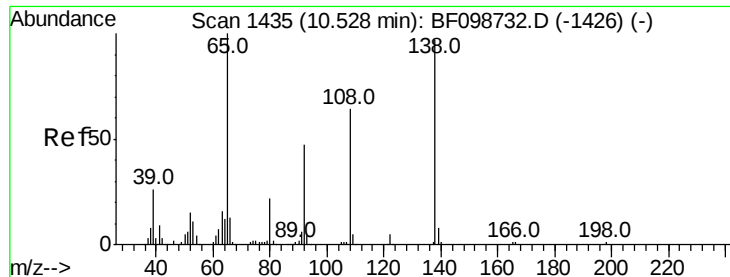
Tot Ion:149 Resp: 574828
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.253 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:204 Resp: 249491
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.8 54.6 81.8

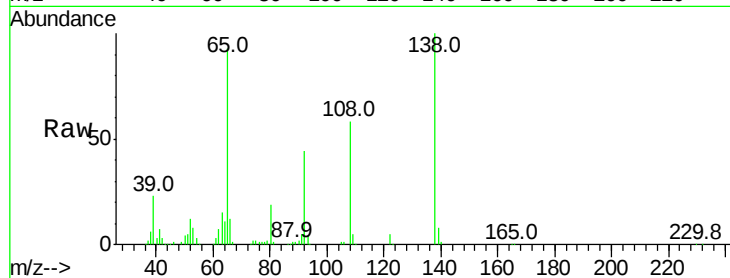




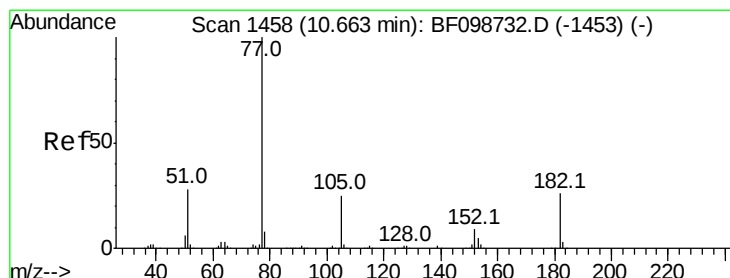
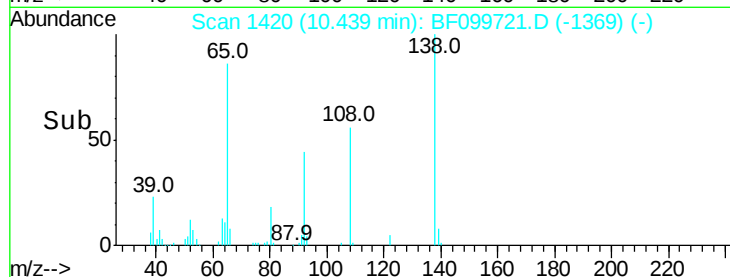
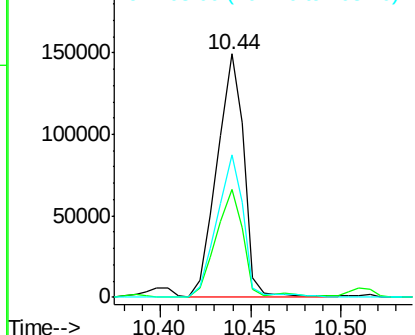
#61
4-Nitroaniline
Concen: 43.322 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 153550
Ion Ratio Lower Upper
138 100
92 44.3 30.2 70.2
108 58.3 52.5 92.5

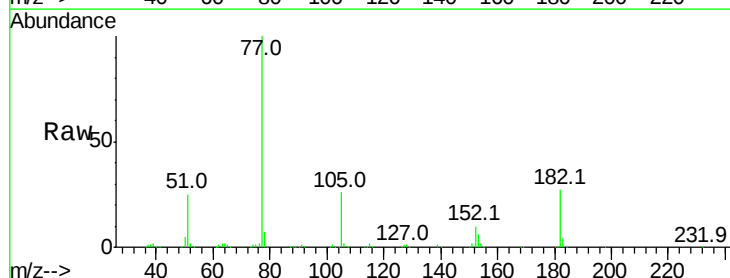


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

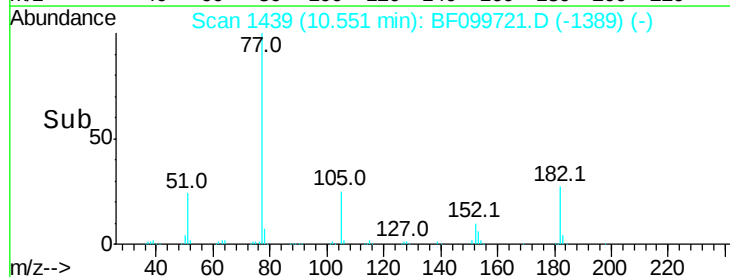
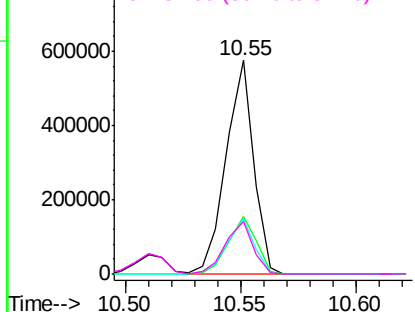


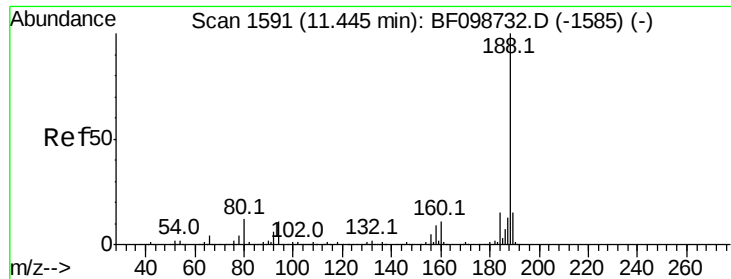
#62
Azobenzene
Concen: 36.730 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion: 77 Resp: 477605
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 25.7 3.0 43.0
51 24.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

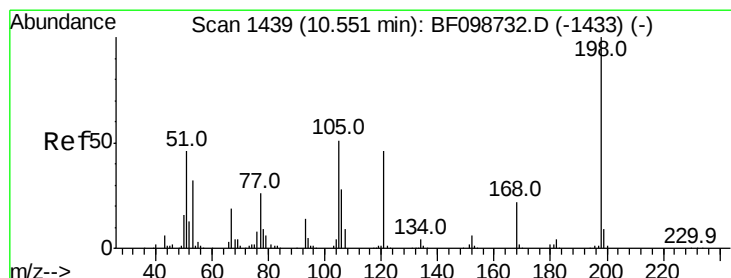
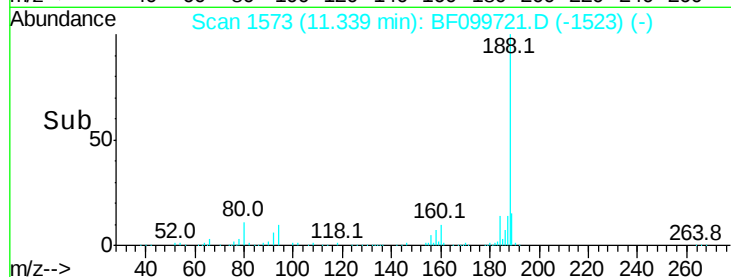
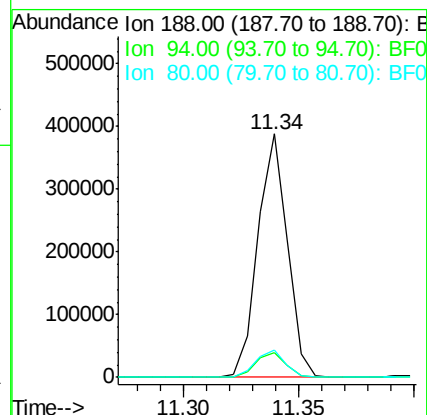
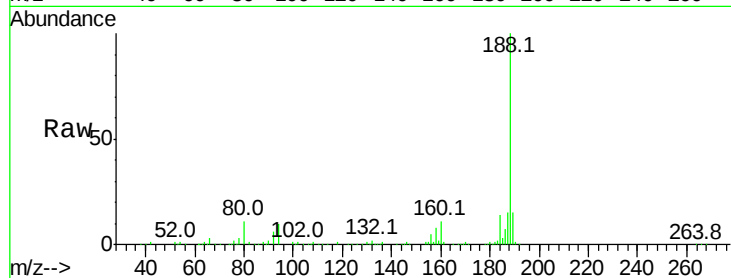




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

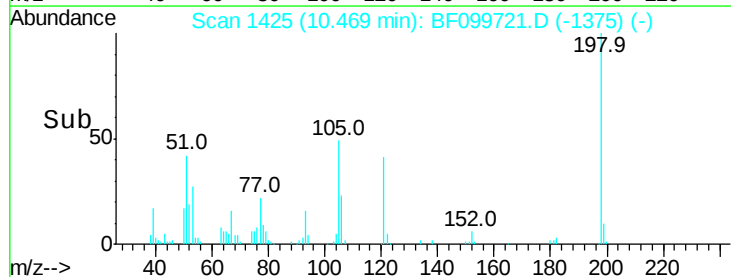
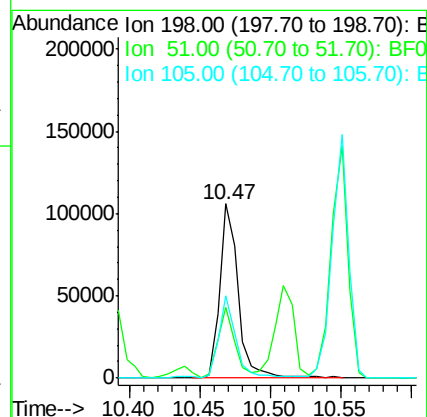
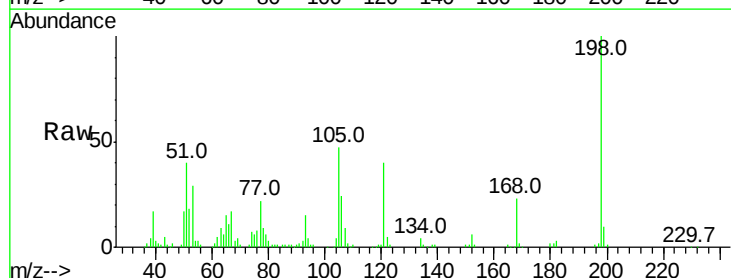
Instrument :
BNA_F
ClientSampleId :

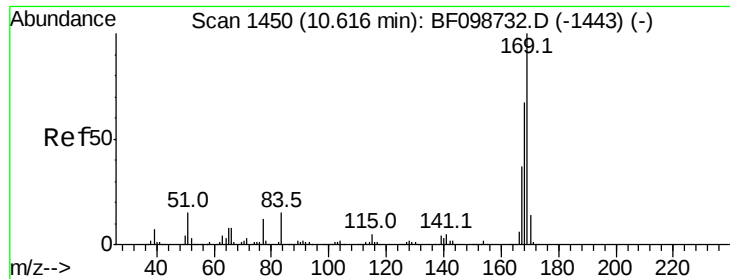
Tot Ion:188 Resp: 346596
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.650 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:198 Resp: 96265
Ion Ratio Lower Upper
198 100
51 40.3 37.7 77.7
105 47.2 36.3 76.3

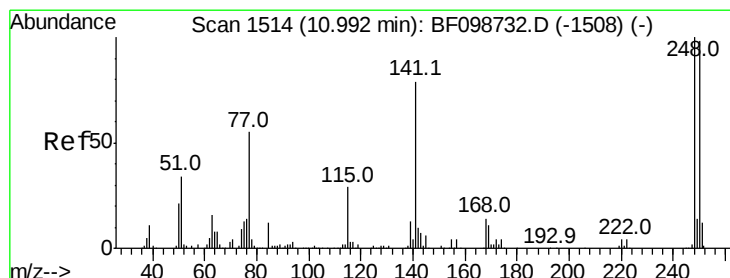
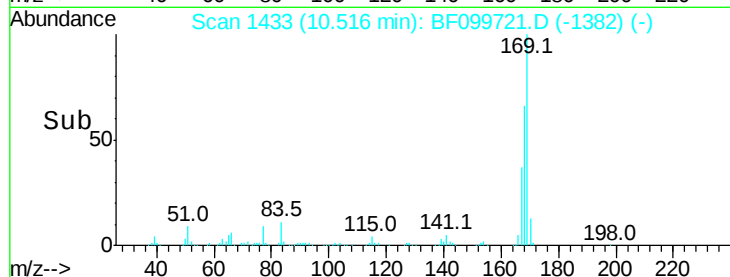
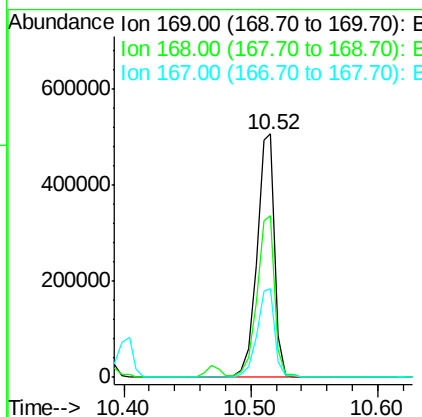
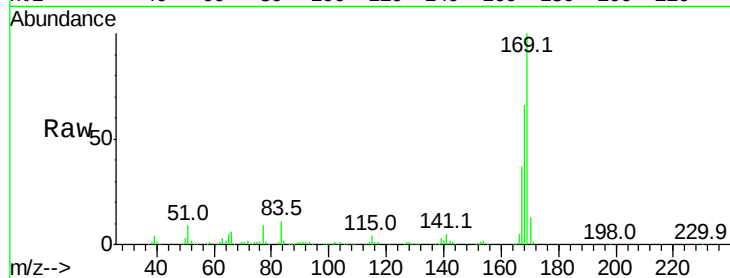




#65
n-Nitrosodiphenylamine
Concen: 41.393 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

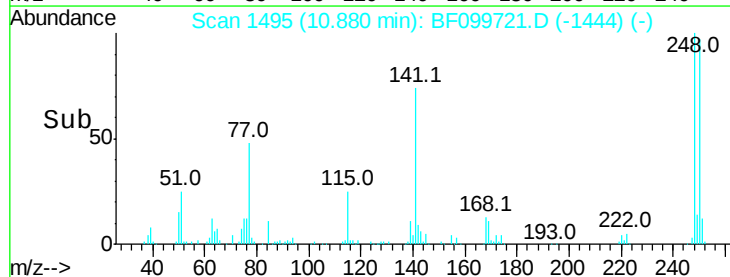
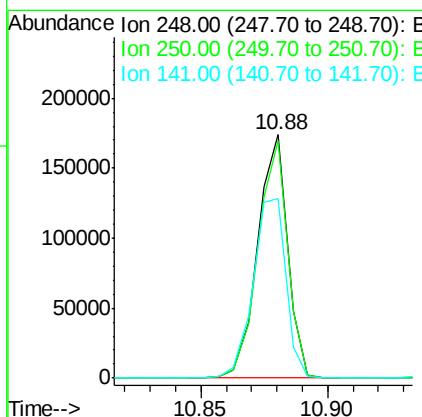
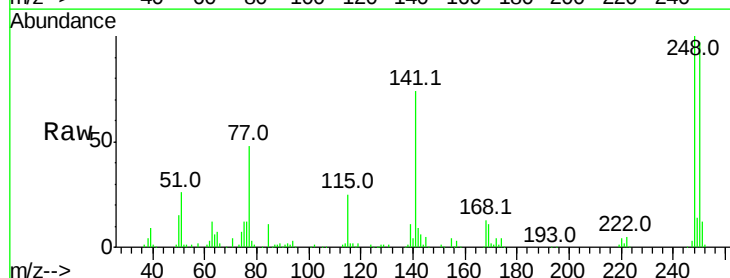
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 497013
Ion Ratio Lower Upper
169 100
168 66.3 54.4 81.6
167 36.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.331 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:248 Resp: 143613
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 73.6 74.4 111.6#

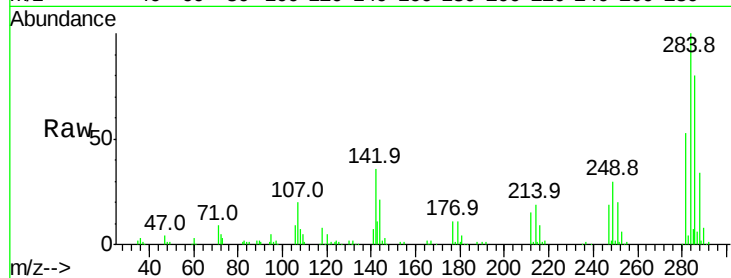




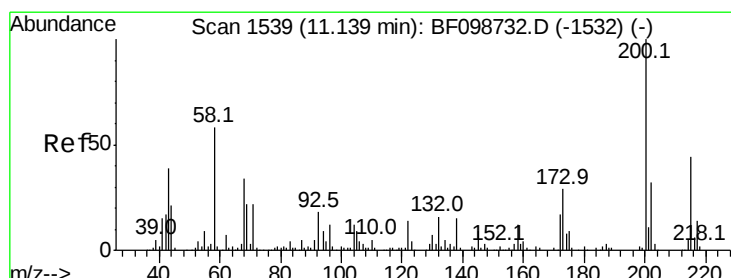
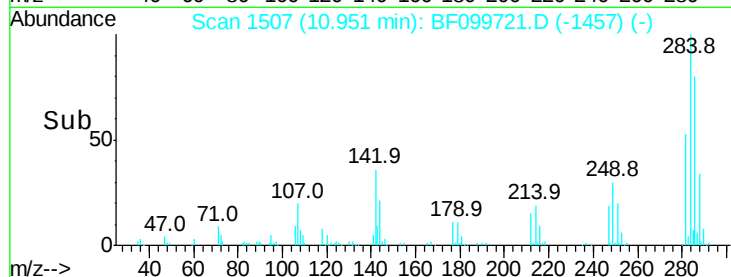
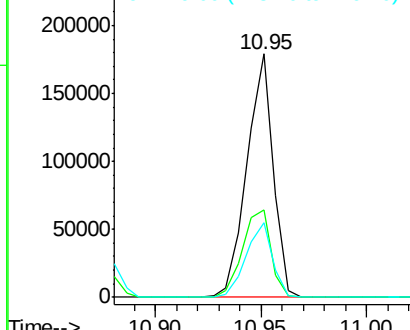
#67
Hexachlorobenzene
Concen: 42.893 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.8	34.6	52.0
249	30.5	24.8	37.2

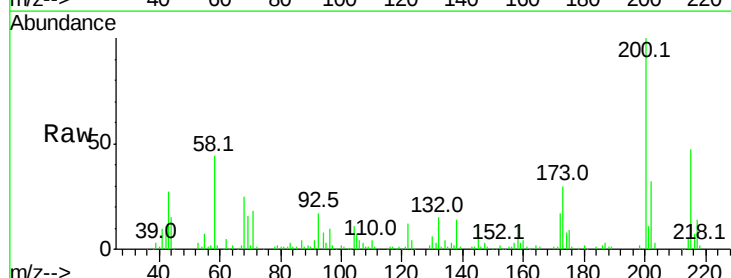


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

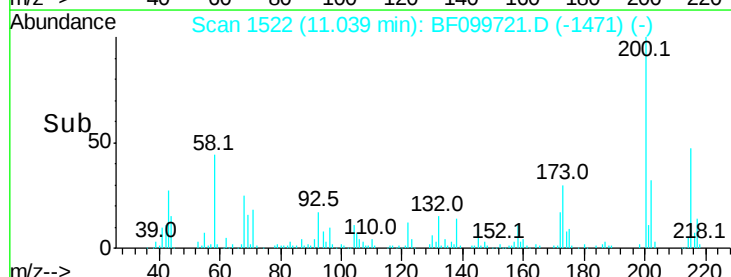
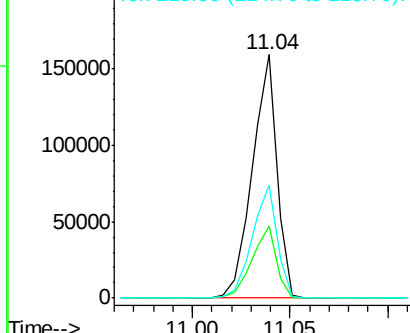


#68
Atrazine
Concen: 38.629 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	46.7	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

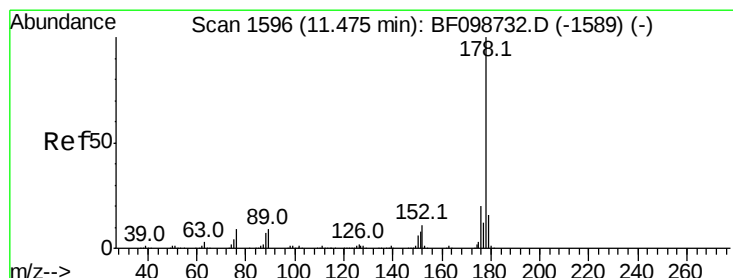
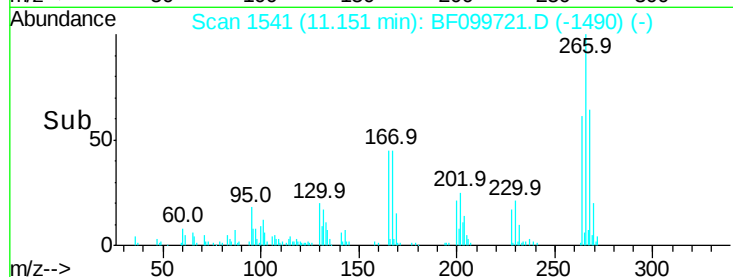
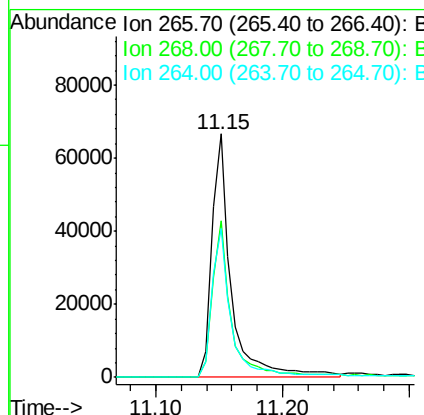
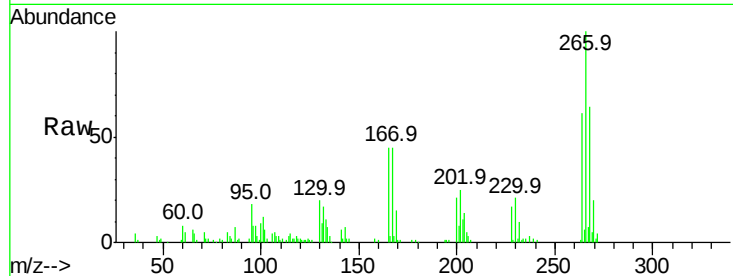




#69
 Pentachlorophenol
 Concen: 31.893 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

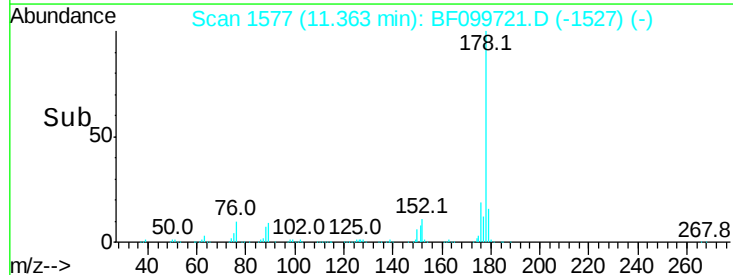
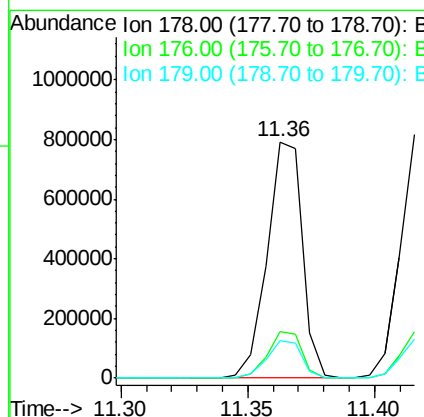
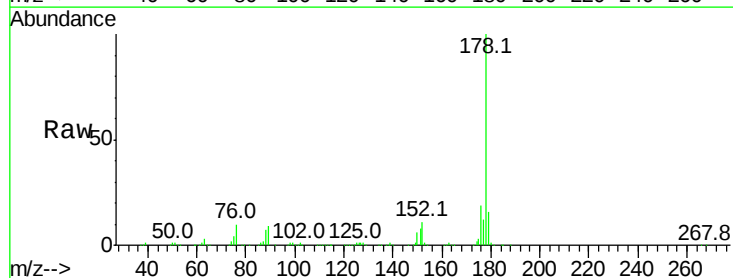
Instrument :
 BNA_F
 ClientSampled :

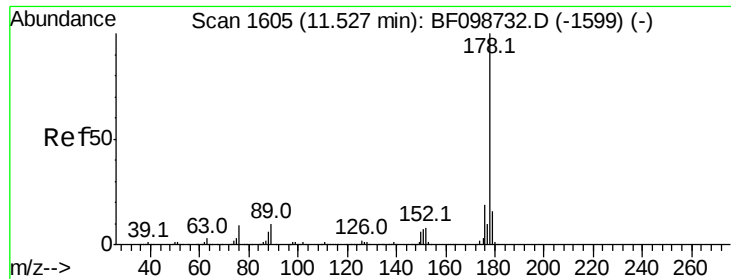
Tot Ion:266 Resp: 71921
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 61.0 49.5 74.3



#70
 Phenanthrene
 Concen: 41.624 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:178 Resp: 772222
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.7 13.0 19.6

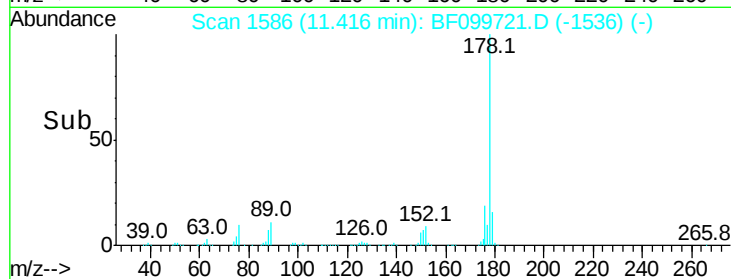
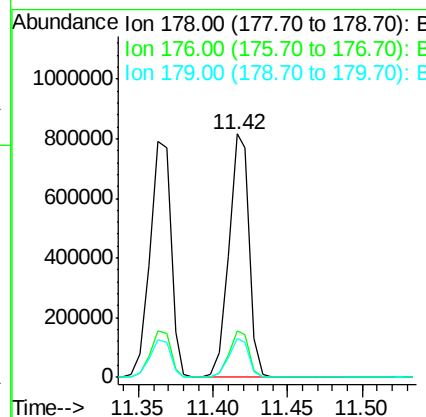
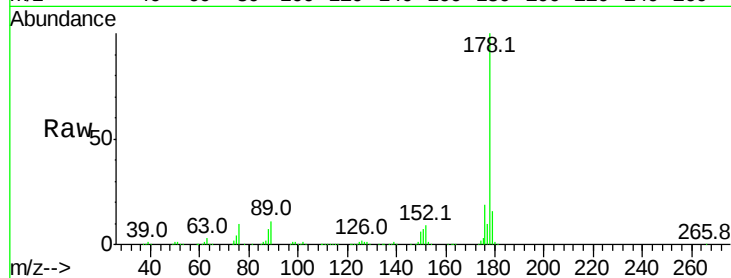




#71
 Anthracene
 Concen: 41.596 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

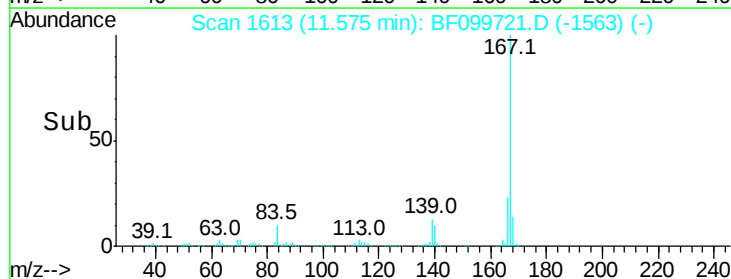
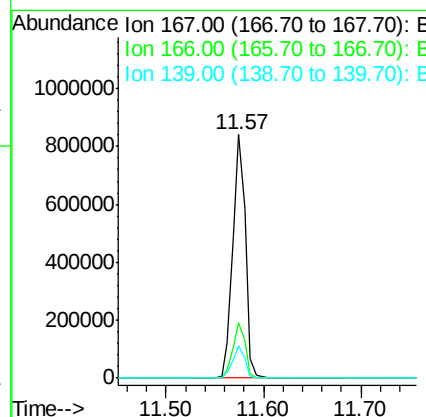
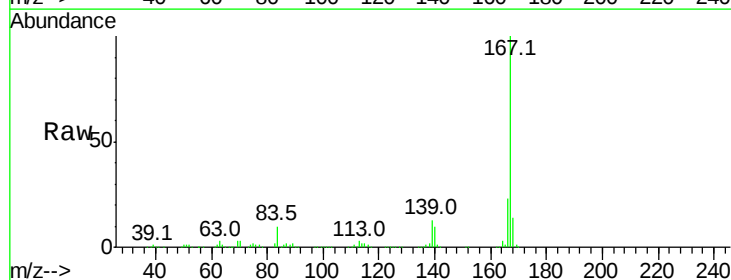
Instrument :
 BNA_F
 ClientSampleId :

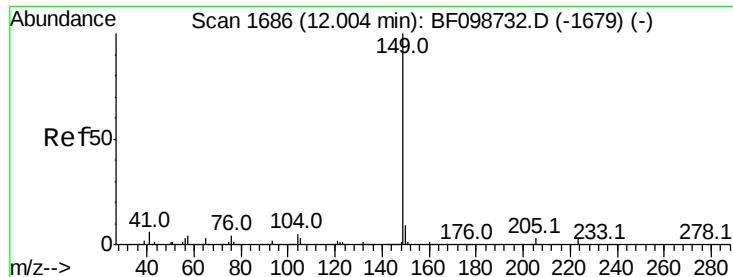
Tot Ion:178 Resp: 789607
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 40.762 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:167 Resp: 757730
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.2 10.9 16.3

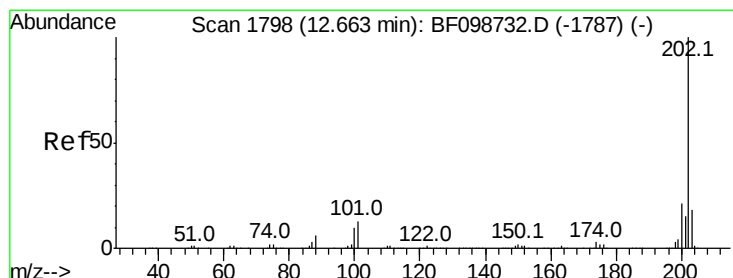
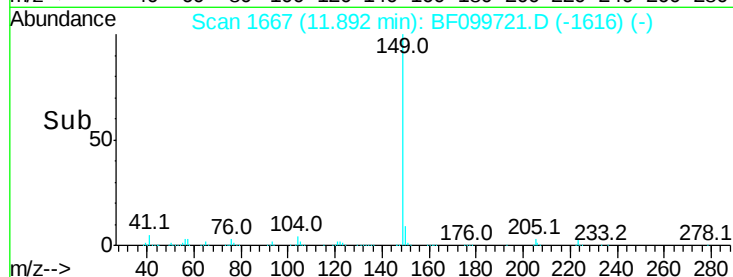
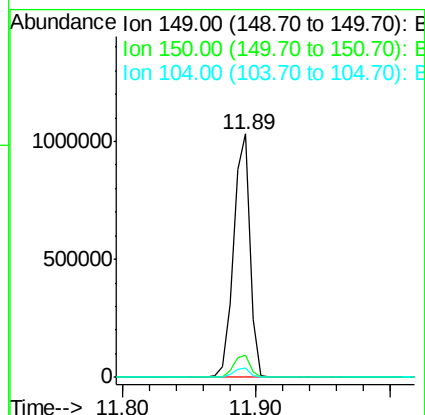
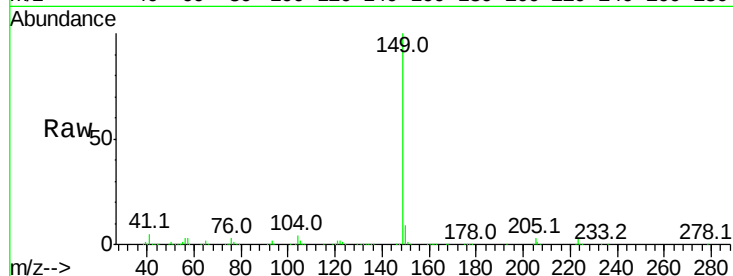




#73
Di-n-butylphthalate
Concen: 40.015 ng
RT: 11.89 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

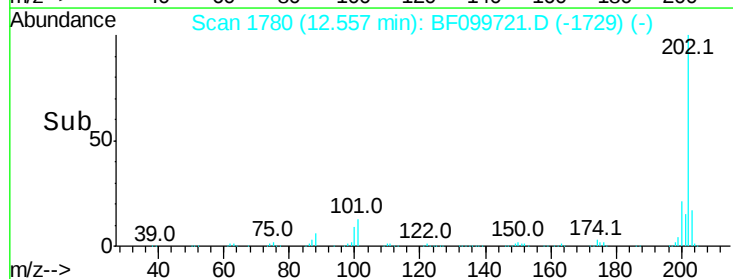
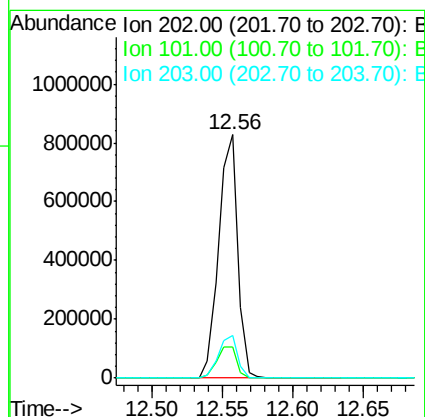
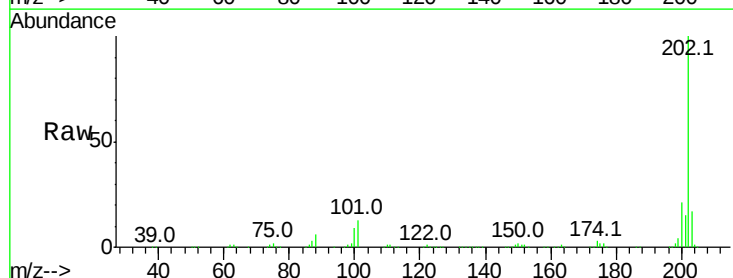
Instrument :
BNA_F
ClientSampleId :

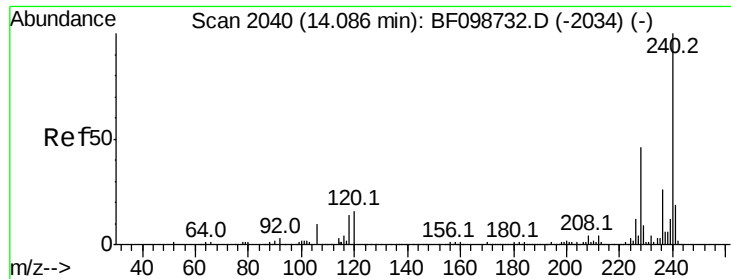
Tot Ion:149 Resp: 895343
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 3.9 3.8 5.8



#74
Fluoranthene
Concen: 41.307 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:202 Resp: 775997
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.1
203 17.4 0.0 38.1

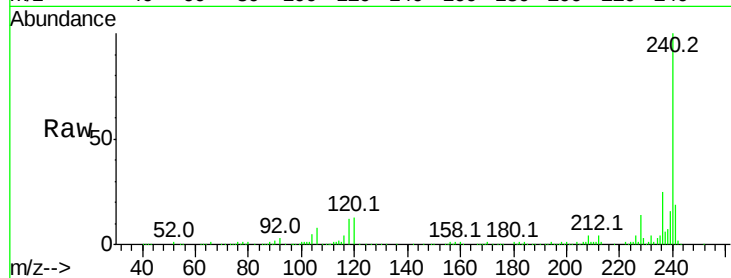




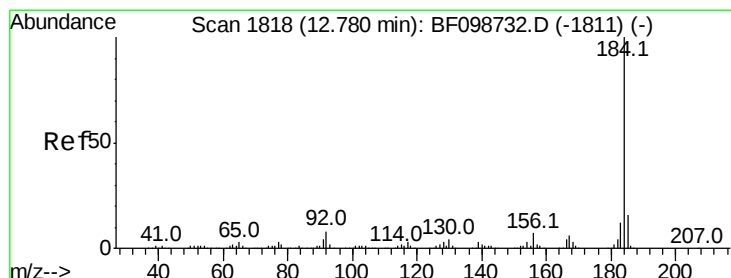
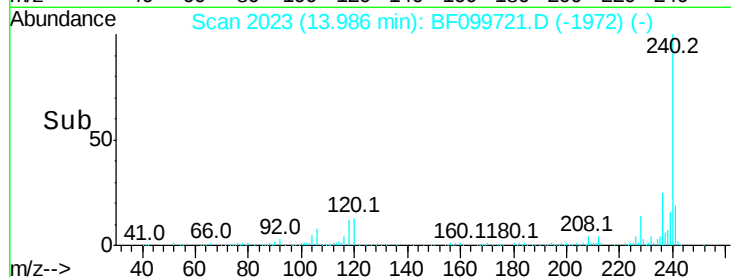
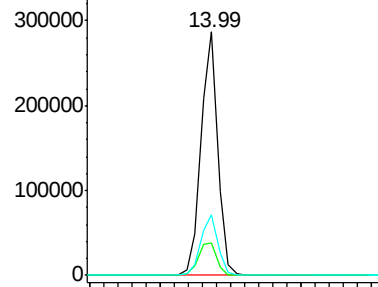
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 235653
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.1 20.7 31.1

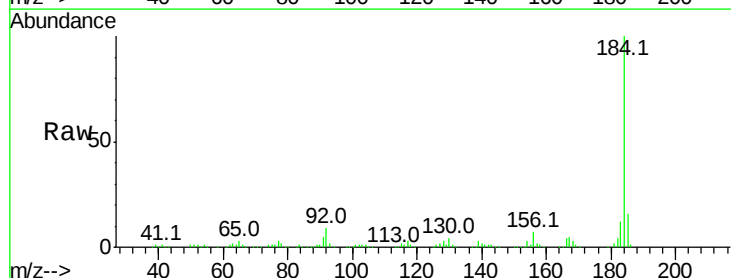


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

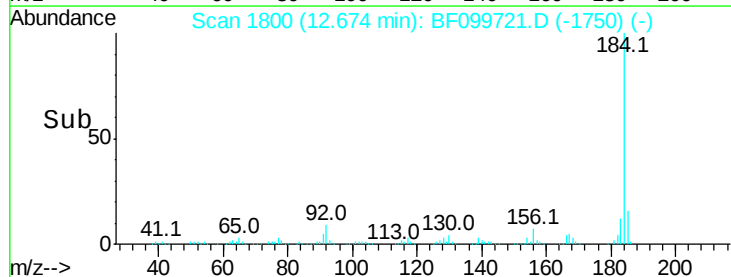
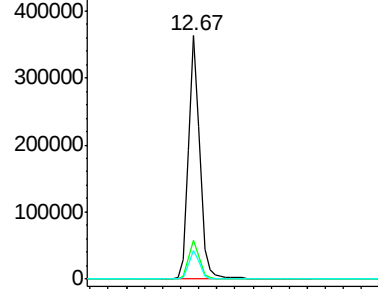


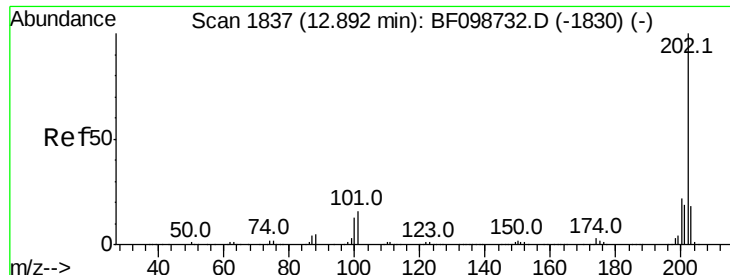
#76
Benzidine
Concen: 36.588 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:184 Resp: 318901
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 11.8 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

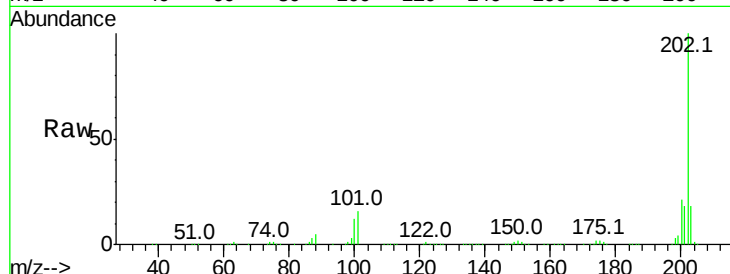




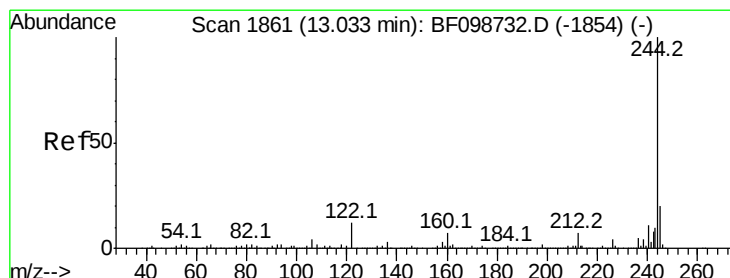
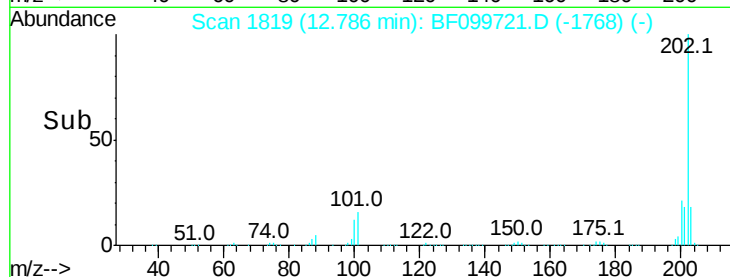
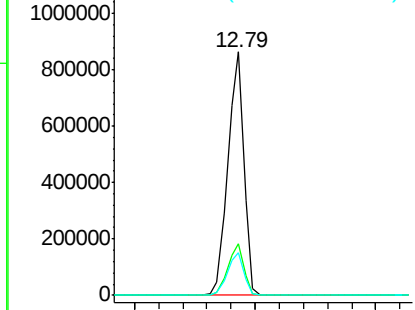
#77
Pvrene
Concen: 44.267 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 795444
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.7 14.3 21.5

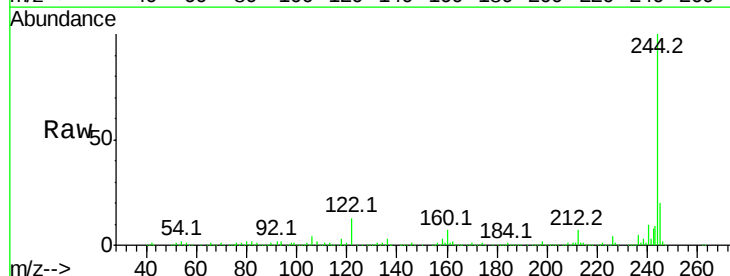


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

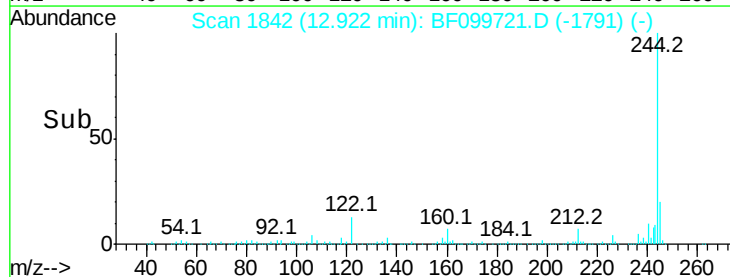
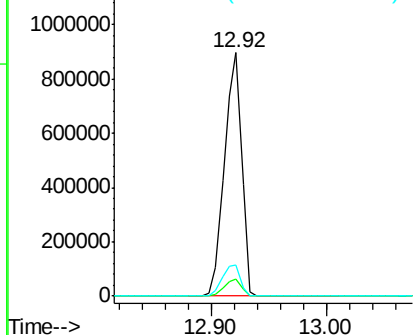


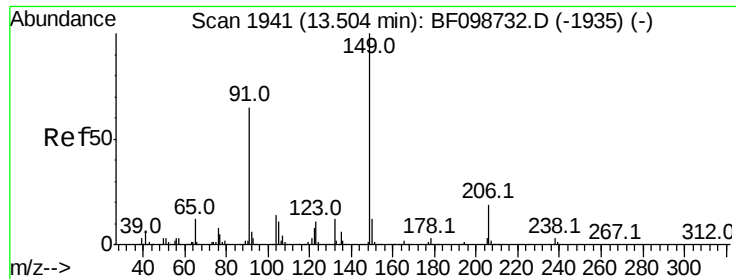
#78
Terphenyl-d14
Concen: 89.271 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:244 Resp: 925028
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

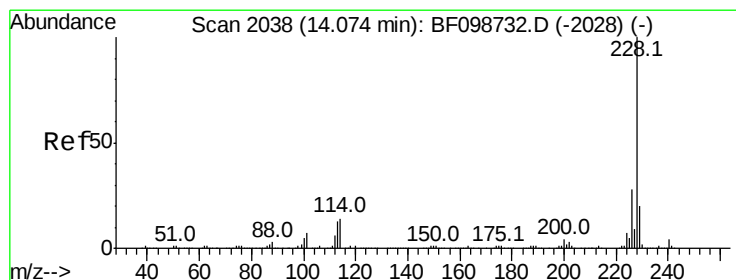
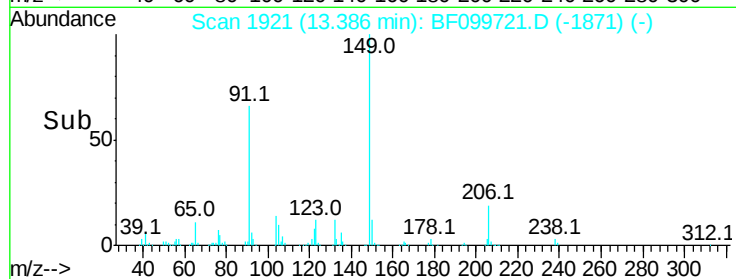
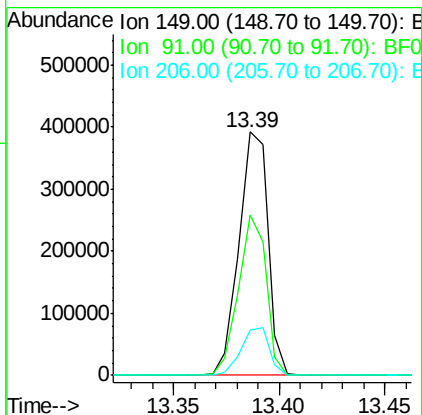
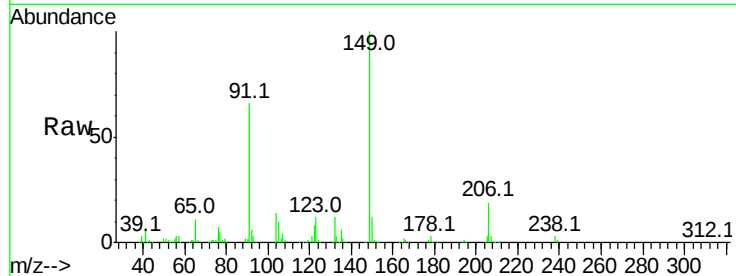




#79
 Butylbenzylphthalate
 Concen: 44.252 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

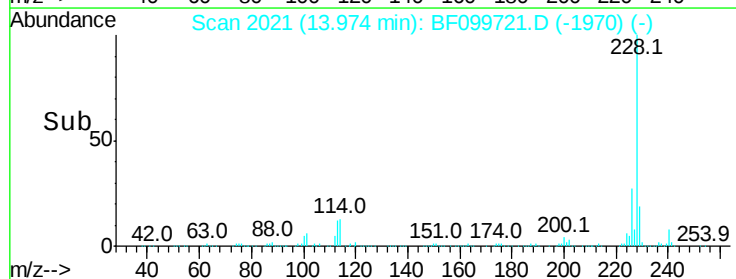
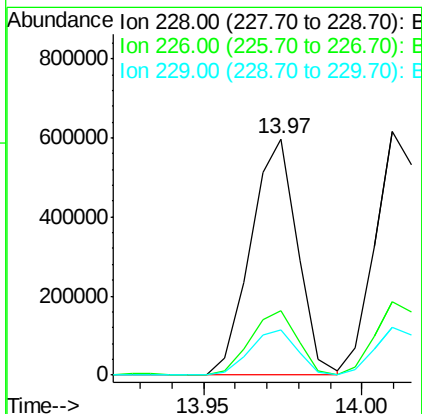
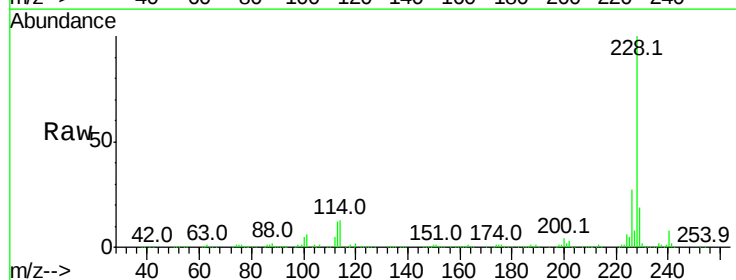
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	149	Resp:	373720
Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	18.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 42.818 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:	228	Resp:	610983
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.4	15.8	23.6

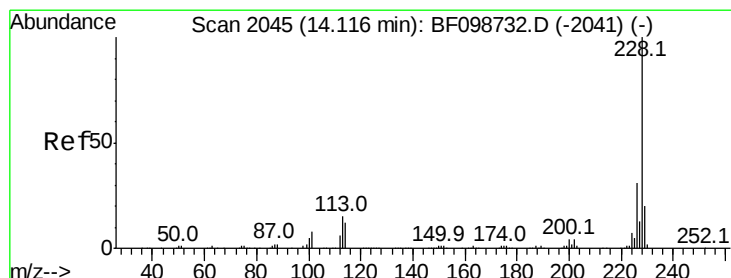
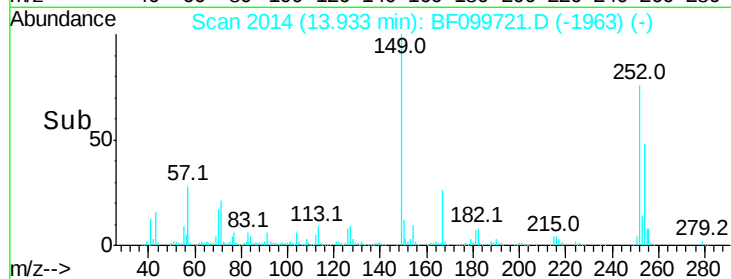
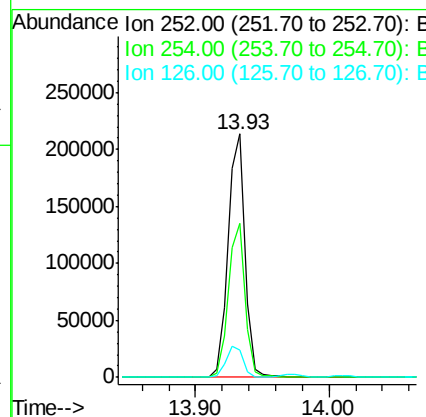
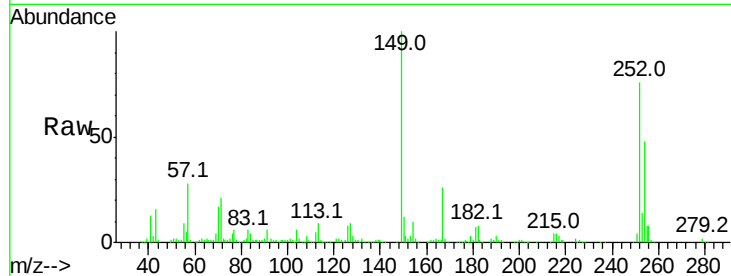




#81
 3,3'-Dichlorobenzidine
 Concen: 36.770 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

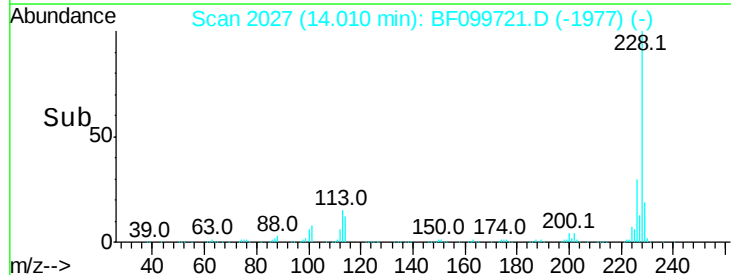
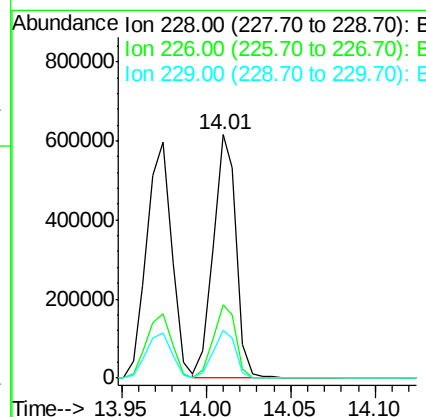
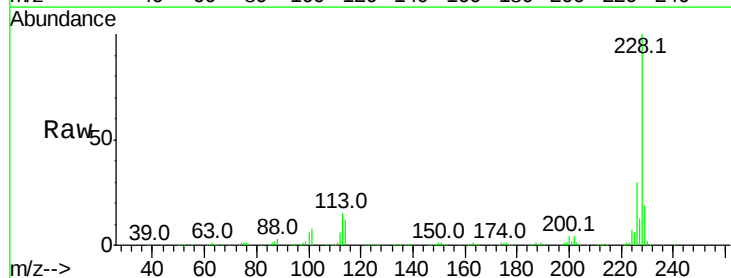
Instrument :
 BNA_F
 ClientSampleId :

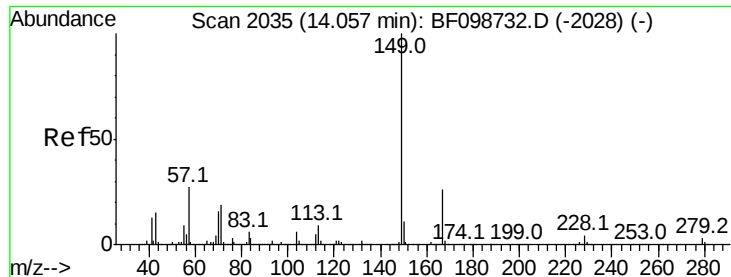
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	11.2	11.3	16.9#



#82
 Chrysene
 Concen: 42.739 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.5	16.2	24.4

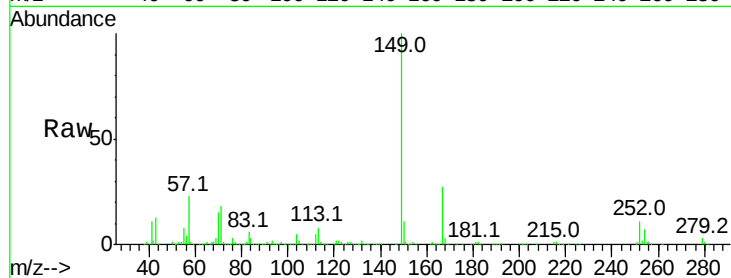




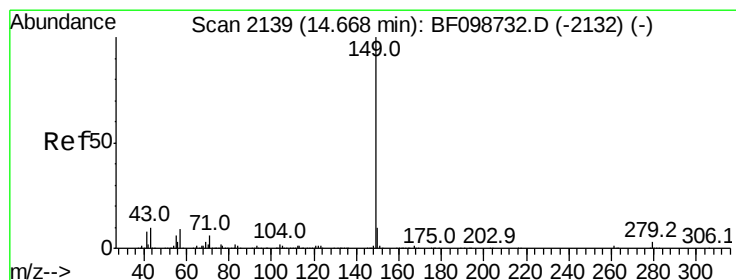
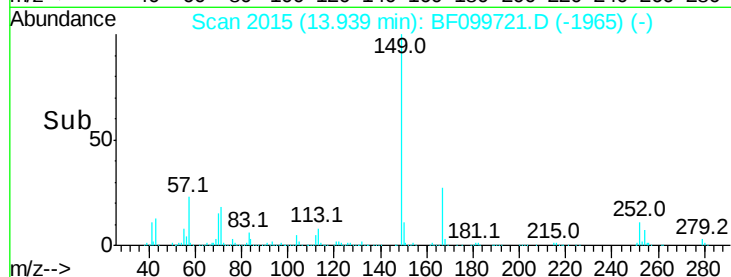
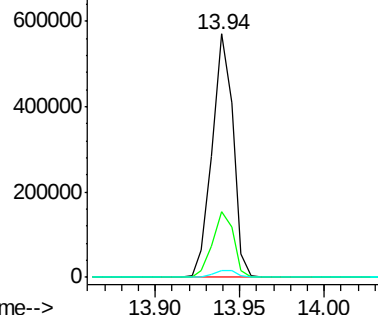
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.521 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 494458
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 2.9 3.0 4.4#

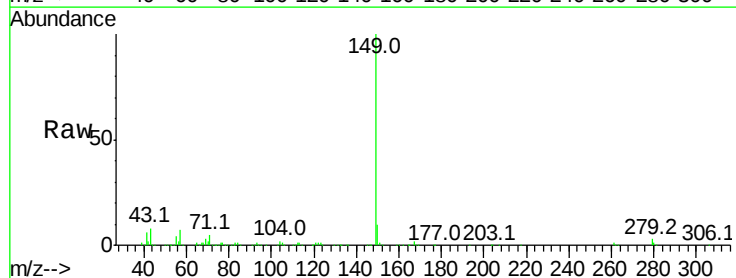


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

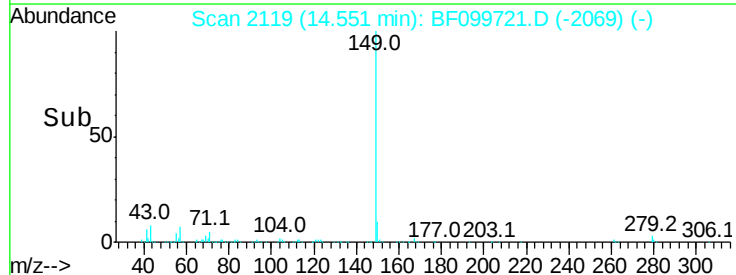
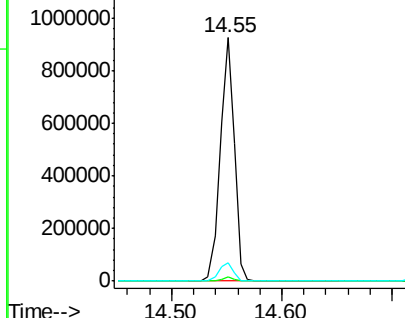


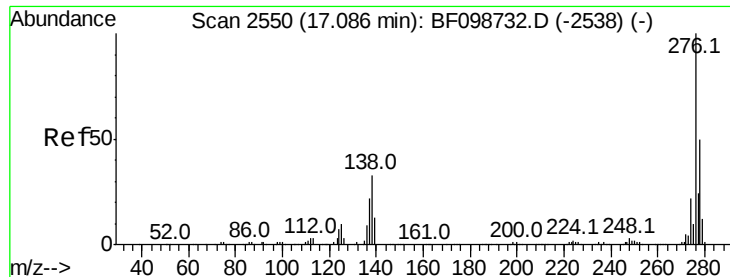
#84
 Di-n-octyl phthalate
 Concen: 43.842 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion:149 Resp: 820930
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

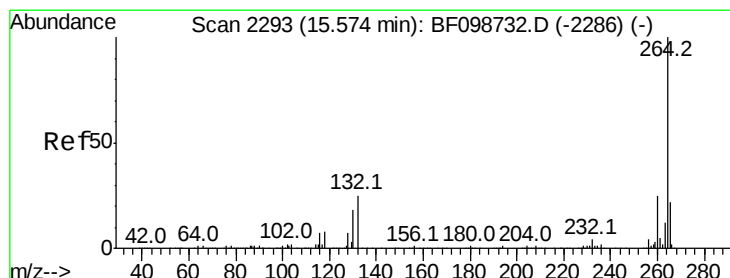
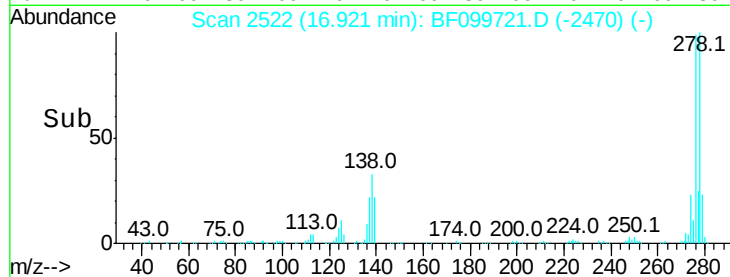
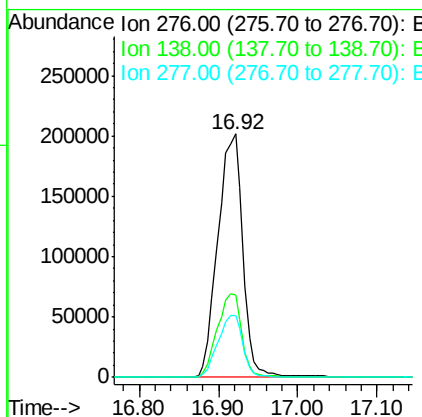
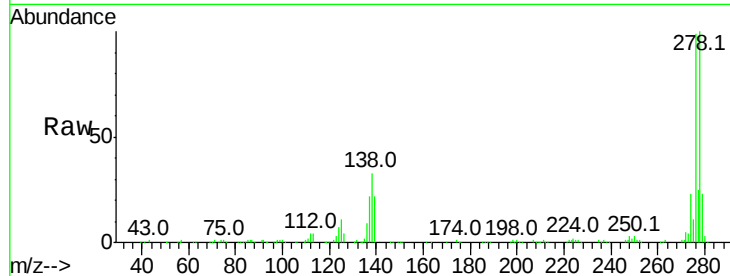




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.736 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF099721.D
 Acq: 21 Oct 2017 12:08

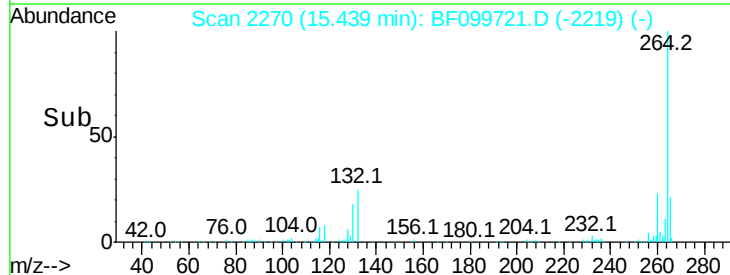
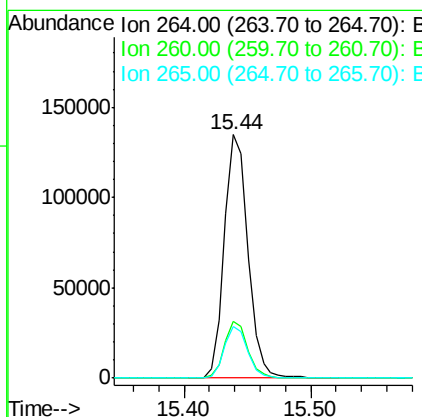
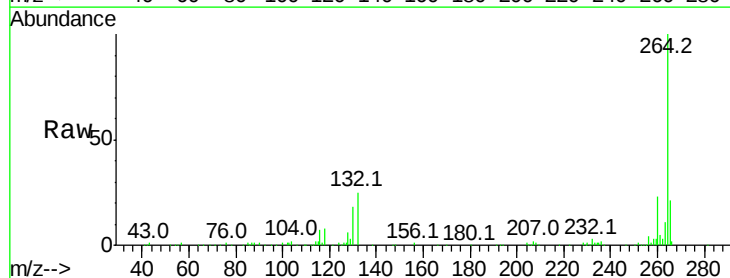
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	25.2	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: BF099721.D
 Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

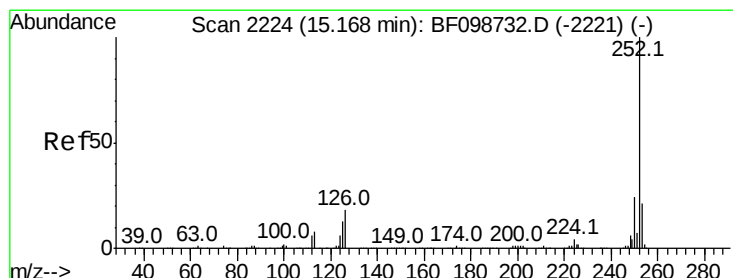
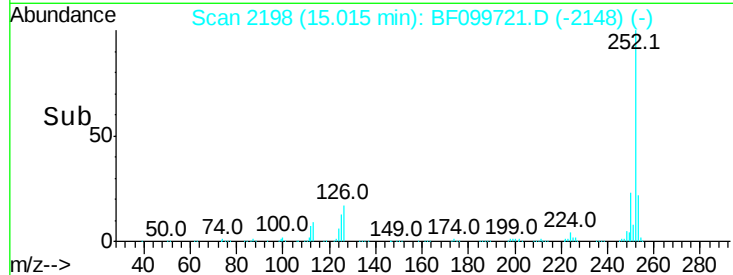
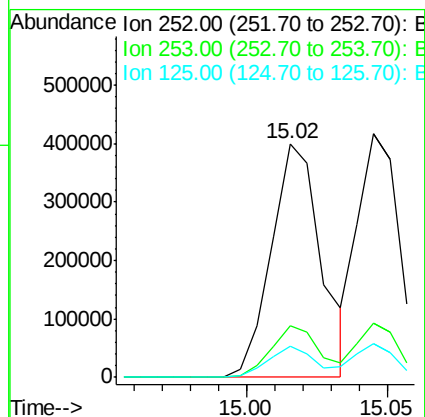
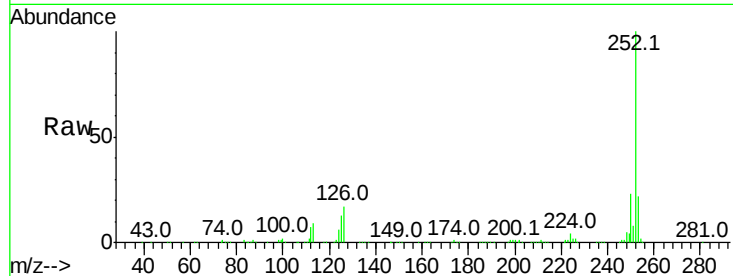




#87
Benzo(b)fluoranthene
Concen: 45.727 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

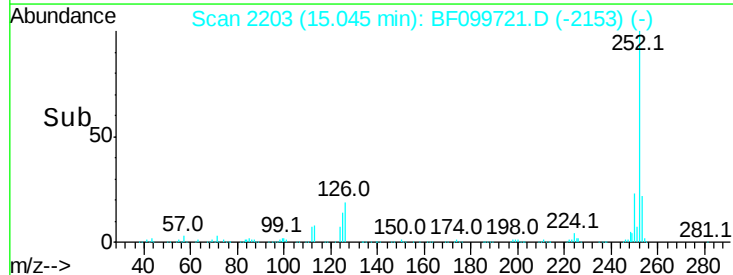
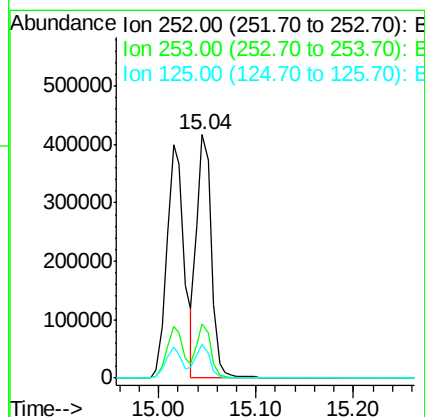
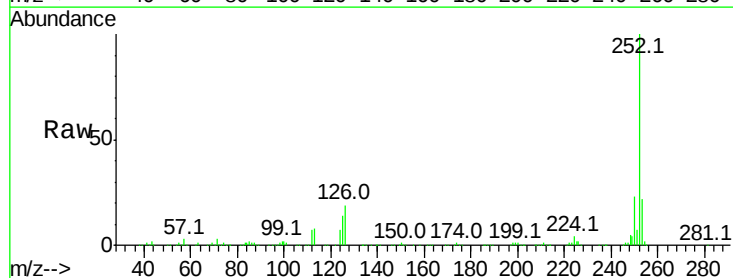
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.311 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.9	10.2	15.2

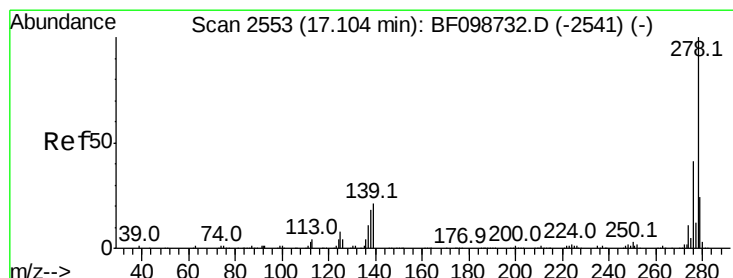
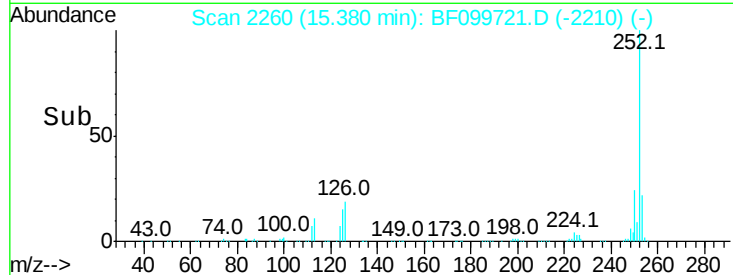
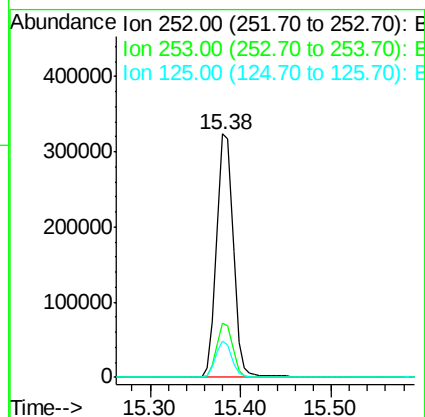
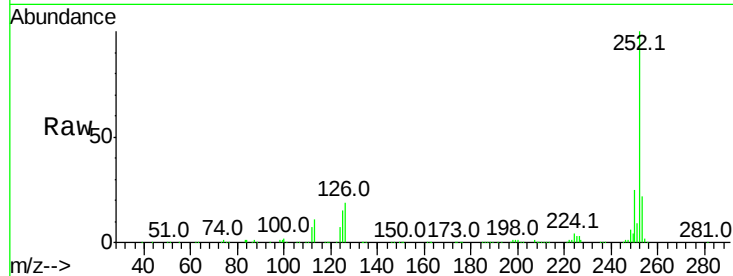




#89
Benzo(a)pyrene
Concen: 42.472 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

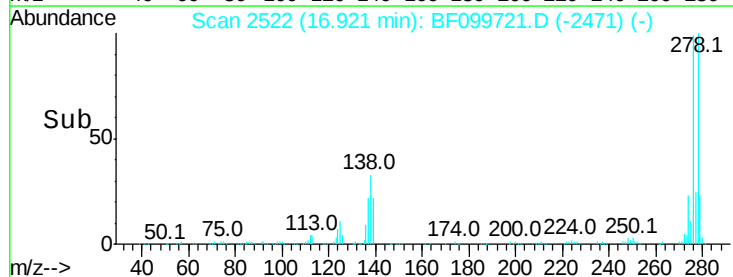
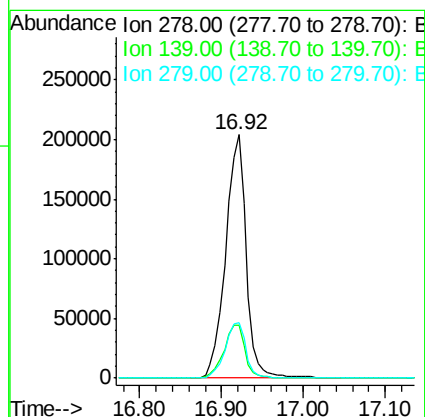
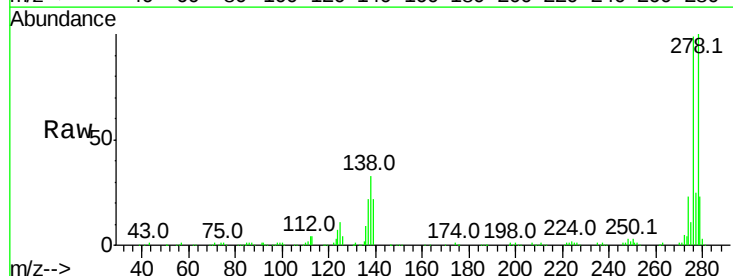
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 417772
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 45.458 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BF099721.D
Acq: 21 Oct 2017 12:08

Tgt Ion:278 Resp: 357842
Ion Ratio Lower Upper
278 100
139 22.0 15.9 23.9
279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 48.706 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BF099721.D

Acq: 21 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

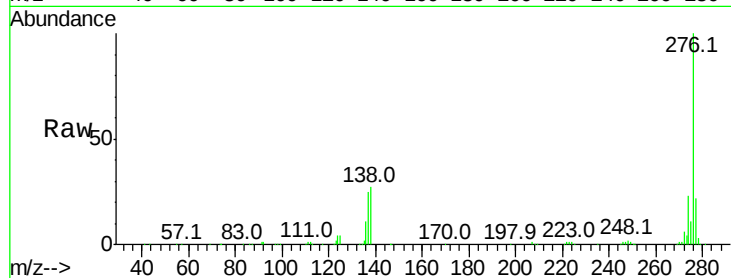
Tot Ion:276 Resp: 378996

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 27.3 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

