

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091942.D
 Acq On : 24 Dec 2016 00:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 24 03:04:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	225090	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	924698	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	450082	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	670926	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	431163	20.00	ng	-0.01
86) Perylene-d12	15.29	264	451397	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1029387	76.36	ng	0.02
7) Phenol-d6	6.43	99	1296844	78.79	ng	0.02
23) Nitrobenzene-d5	7.31	82	1285604	77.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	252244	67.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1847295	83.93	ng	-0.01
78) Terphenyl-d14	12.84	244	1380638	77.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	263718	39.74	ng	98
3) Pyridine	2.93	79	822524	35.51	ng	97
4) n-Nitrosodimethylamine	2.90	42	347858	39.81	ng	97
6) Aniline	6.41	93	855739	40.03	ng	# 45
8) 2-Chlorophenol	6.54	128	628816	41.01	ng	93
9) Benzaldehyde	6.28	77	368582	38.83	ng	93
10) Phenol	6.44	94	842012	44.90	ng	# 75
11) bis(2-Chloroethyl)ether	6.49	93	644771	43.21	ng	94
12) 1,3-Dichlorobenzene	6.68	146	674538	41.21	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	677203	40.64	ng	95
14) 1,2-Dichlorobenzene	6.91	146	540724	37.40	ng	95
15) Benzyl Alcohol	6.90	79	382727	29.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	878035	39.51	ng	96
17) 2-Methylphenol	7.05	107	509196	41.29	ng	95
18) Hexachloroethane	7.25	117	245399	39.73	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	486316	44.41	ng	94
20) 3+4-Methylphenols	7.20	107	661351	44.96	ng	# 74
22) Acetophenone	7.16	105	969020	42.49	ng	# 90
24) Nitrobenzene	7.33	77	690560	38.99	ng	97
25) Isophorone	7.57	82	1144383	37.30	ng	96
26) 2-Nitrophenol	7.65	139	342227	39.18	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	488761	33.74	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	751556	40.40	ng	99
29) 2,4-Dichlorophenol	7.90	162	468264	38.17	ng	86
30) 1,2,4-Trichlorobenzene	7.97	180	528759	39.33	ng	95
31) Naphthalene	8.05	128	1764171	41.69	ng	99
32) Benzoic acid	7.86	122	333160	31.01	ng	98
33) 4-Chloroaniline	8.11	127	679400	35.60	ng	97
34) Hexachlorobutadiene	8.17	225	283858	40.00	ng	100
35) Caprolactam	8.49	113	133176	33.04	ng	# 69
36) 4-Chloro-3-methylphenol	8.61	107	478382	33.89	ng	95
37) 2-Methylnaphthalene	8.74	142	1010152	36.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	490540	43.14	ng	99
40) Hexachlorocyclopentadiene	8.90	237	80800	19.14	ng	98

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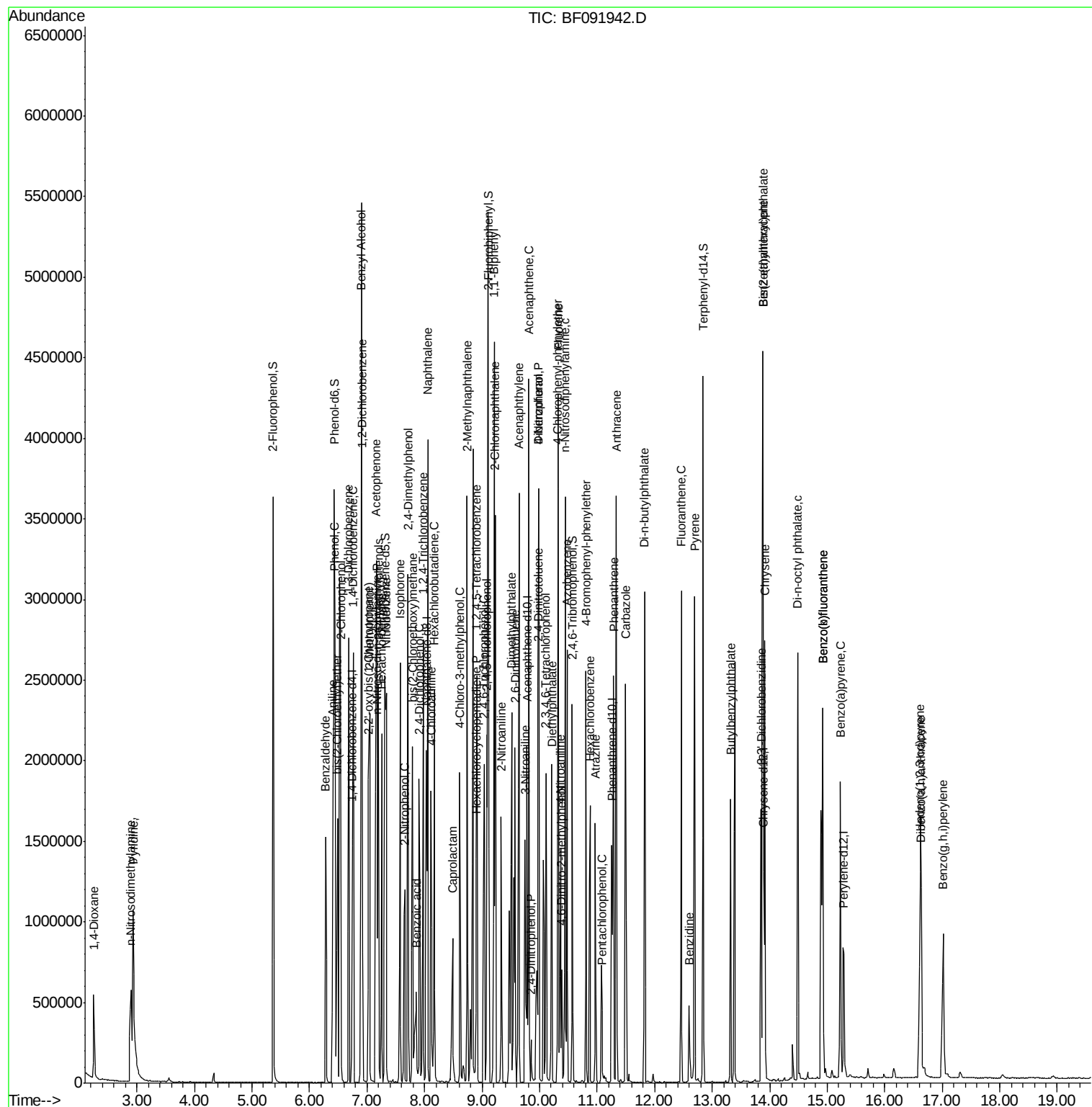
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42) 2,4,6-Trichlorophenol	9.04	196	322001	40.49	ng	99
43) 2,4,5-Trichlorophenol	9.08	196	307002	37.51	ng	100
45) 1,1'-Biphenyl	9.21	154	1357583	44.05	ng	99
46) 2-Chloronaphthalene	9.23	162	988921	40.52	ng	96
47) 2-Nitroaniline	9.33	65	305571	35.17	ng	99
48) Acenaphthylene	9.64	152	1472724	39.24	ng	99
49) Dimethylphthalate	9.52	163	1213856	42.17	ng	99
50) 2,6-Dinitrotoluene	9.57	165	229251	36.38	ng	# 69
51) Acenaphthene	9.81	154	946265	37.19	ng	100
52) 3-Nitroaniline	9.74	138	276374	35.44	ng	97
53) 2,4-Dinitrophenol	9.85	184	41568	11.86	ng	# 45
54) Dibenzofuran	9.98	168	1262949	36.75	ng	98
55) 4-Nitrophenol	9.98	139	698809	131.99	ng	# 6
56) 2,4-Dinitrotoluene	9.97	165	279980	35.40	ng	# 83
57) Fluorene	10.33	166	1041704	41.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230105	35.55	ng	98
59) Diethylphthalate	10.21	149	1142932	40.88	ng	94
60) 4-Chlorophenyl-phenylether	10.32	204	428435	39.14	ng	97
61) 4-Nitroaniline	10.36	138	278490	34.47	ng	99
62) Azobenzene	10.48	77	1151675	37.42	ng	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	89419	22.04	ng	74
65) n-Nitrosodiphenylamine	10.44	169	843519	42.37	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	296030	42.42	ng	97
67) Hexachlorobenzene	10.88	284	311929	41.81	ng	# 93
68) Atrazine	10.97	200	206359	32.13	ng	97
69) Pentachlorophenol	11.08	266	114393	31.25	ng	99
70) Phenanthrene	11.29	178	1410846	38.78	ng	97
71) Anthracene	11.33	178	1332740	39.70	ng	99
72) Carbazole	11.49	167	1146476	34.74	ng	99
73) Di-n-butylphthalate	11.82	149	1545918	44.83	ng	99
74) Fluoranthene	12.46	202	1184944	36.39	ng	97
76) Benzidine	12.60	184	363521	30.57	ng	96
77) Pyrene	12.69	202	1228876	38.85	ng	99
79) Butylbenzylphthalate	13.32	149	575907	40.03	ng	# 80
80) Benzo(a)anthracene	13.88	228	906990	37.27	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	362119	39.24	ng	# 96
82) Chrysene	13.92	228	972586	39.84	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	728091	42.97	ng	# 97
84) Di-n-octyl phthalate	14.49	149	1239376	39.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	915064	43.27	ng	99
87) Benzo(b)fluoranthene	14.92	252	2004222	71.32	ng	97
88) Benzo(k)fluoranthene	14.92	252	2004222	83.63	ng	97
89) Benzo(a)pyrene	15.23	252	964360	38.66	ng	97
90) Dibenzo(a,h)anthracene	16.64	278	790207	38.54	ng	# 94
91) Benzo(g,h,i)perylene	17.01	276	755733	35.45	ng	# 95

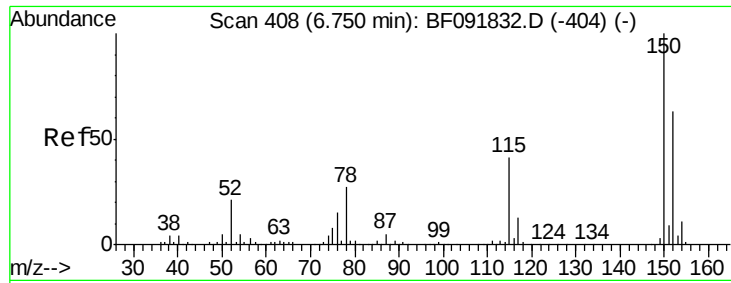
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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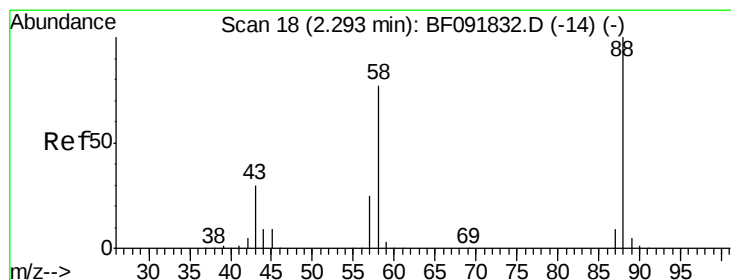
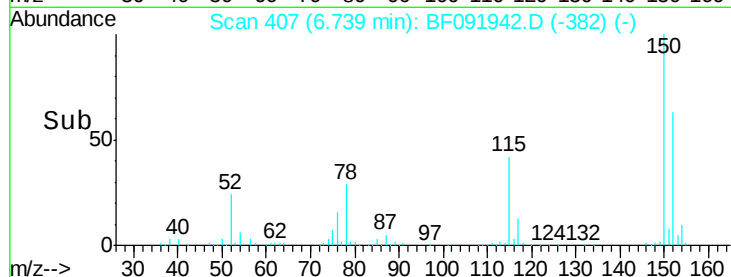
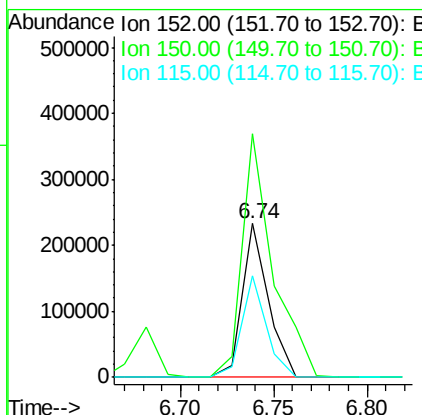
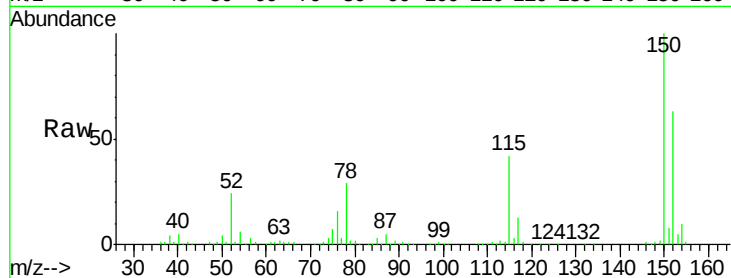




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

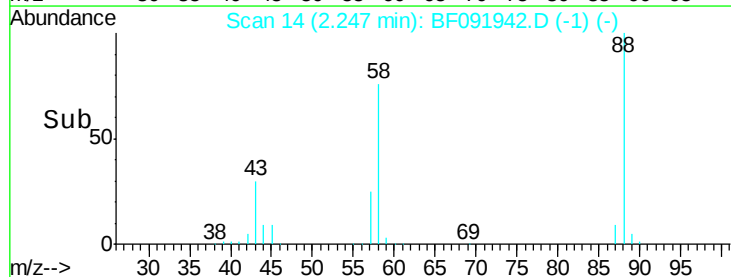
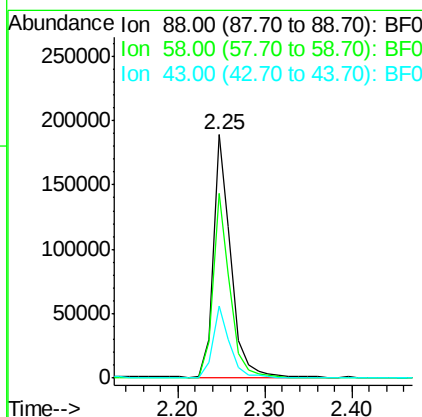
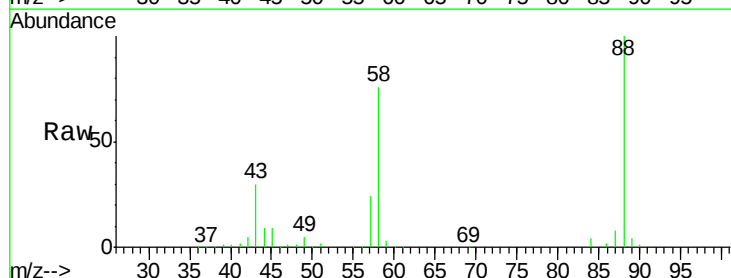
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

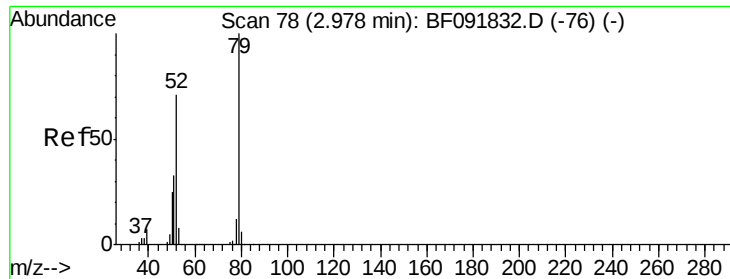
Tgt Ion: 152 Resp: 225090
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.9 187.3
 115 66.0 46.0 69.0



#2
 1,4-Dioxane
 Concen: 39.74 ng
 RT: 2.25 min Scan# 14
 Delta R.T. -0.05 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 88 Resp: 263718
 Ion Ratio Lower Upper
 88 100
 58 74.7 57.8 86.8
 43 28.3 22.3 33.5





#3

Pyridine

Concen: 35.51 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.05 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

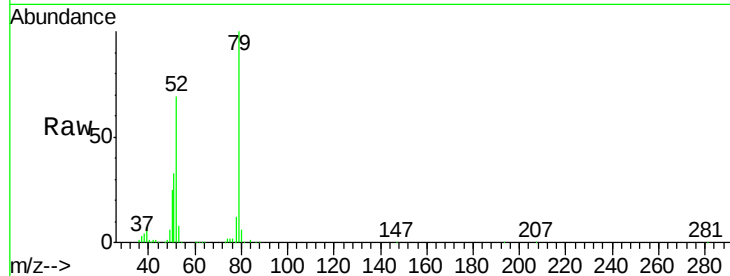
Tgt Ion: 79 Resp: 822524

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

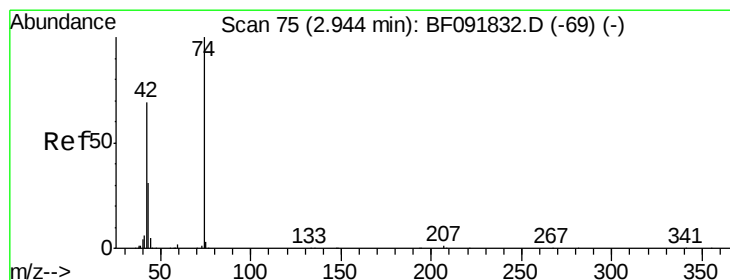
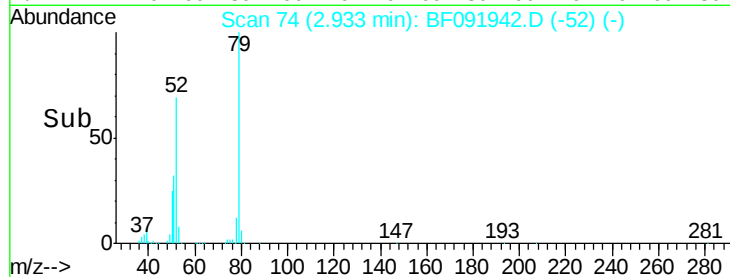
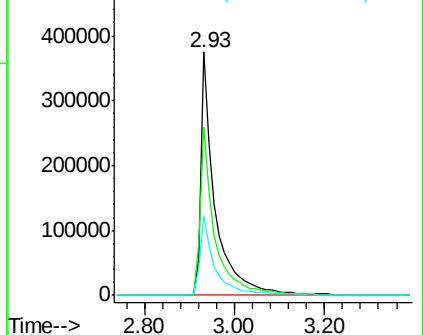
51 32.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.81 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.05 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

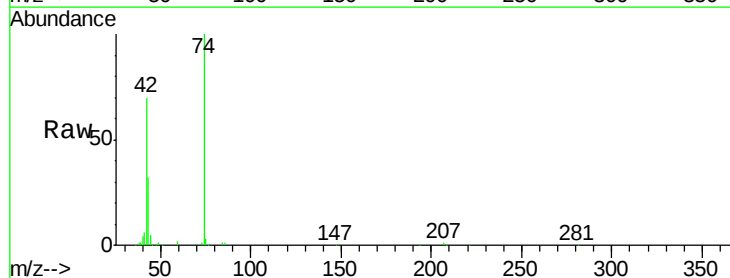
Tgt Ion: 42 Resp: 347858

Ion Ratio Lower Upper

42 100

74 142.2 117.0 175.4

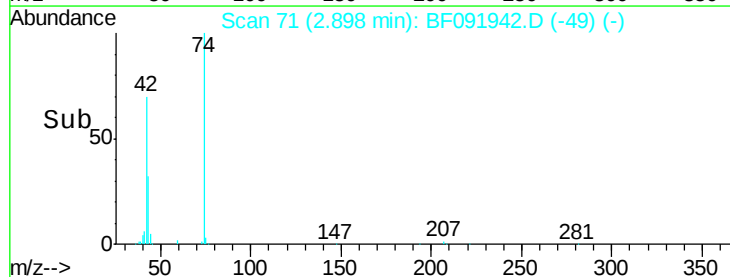
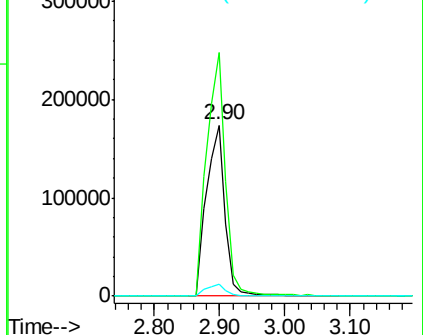
44 6.9 5.5 8.3

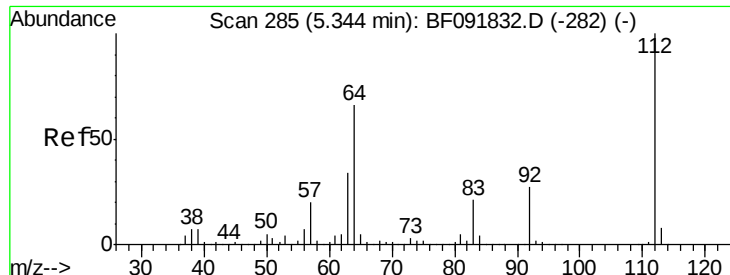


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.36 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091942.D

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SSTDCCC040

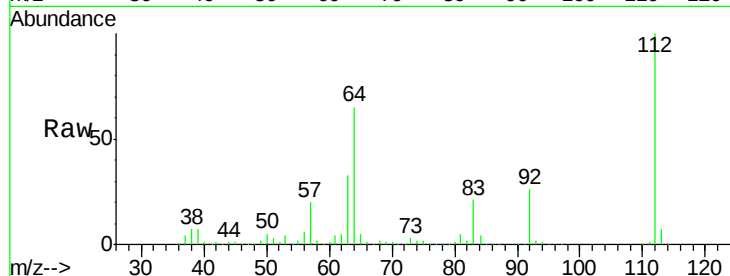
Tgt Ion: 112 Resp: 1029387

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

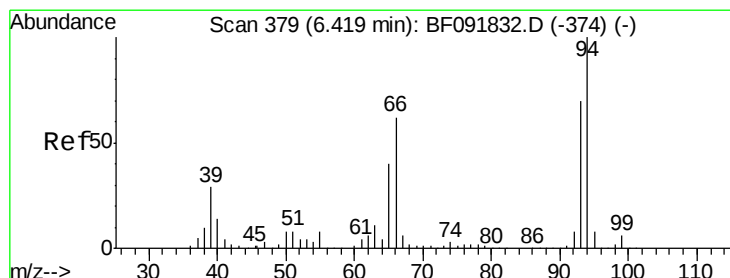
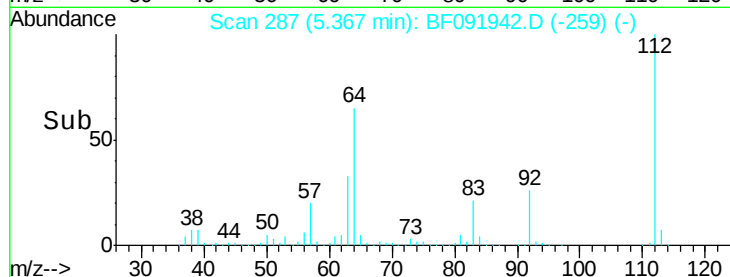
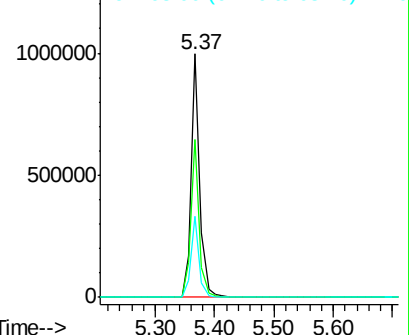
63 33.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.03 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

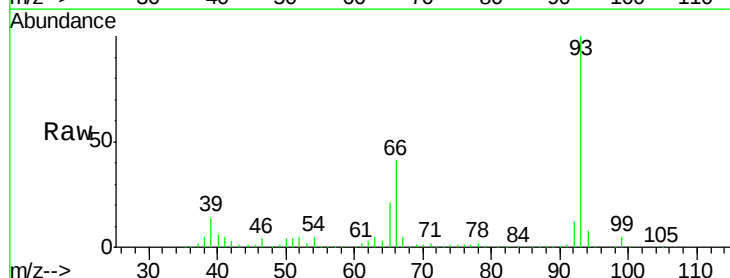
Tgt Ion: 93 Resp: 855739

Ion Ratio Lower Upper

93 100

66 40.8 76.2 114.2#

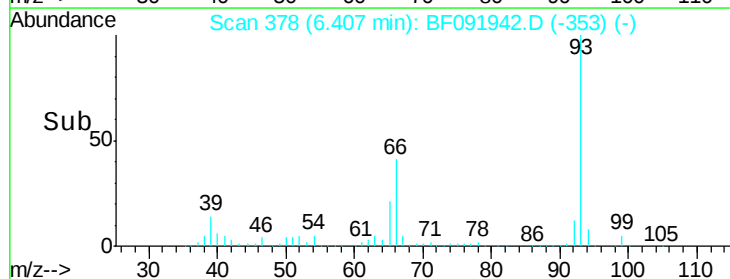
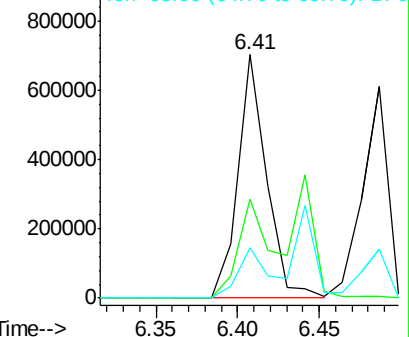
65 20.7 49.3 73.9#

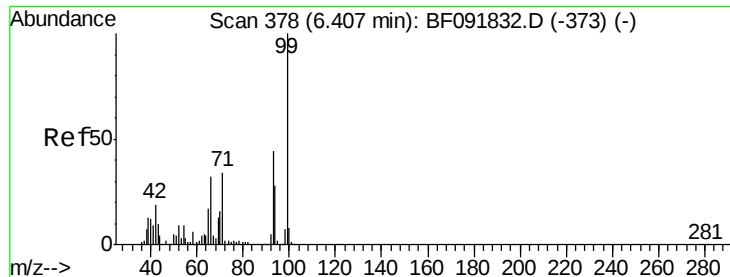


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.79 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

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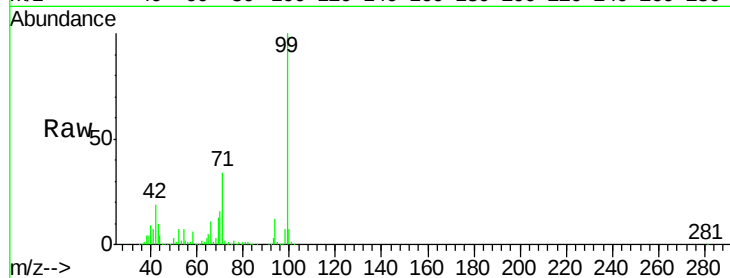
Tgt Ion: 99 Resp: 1296844

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

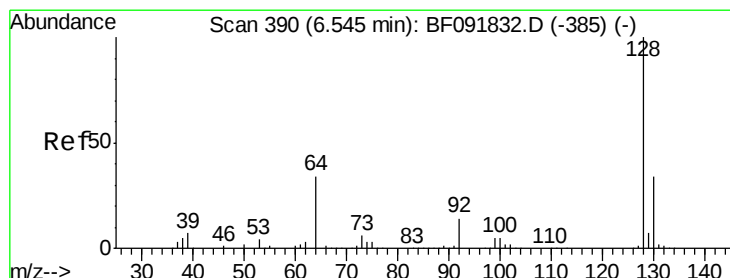
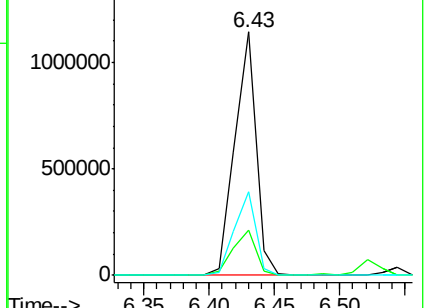
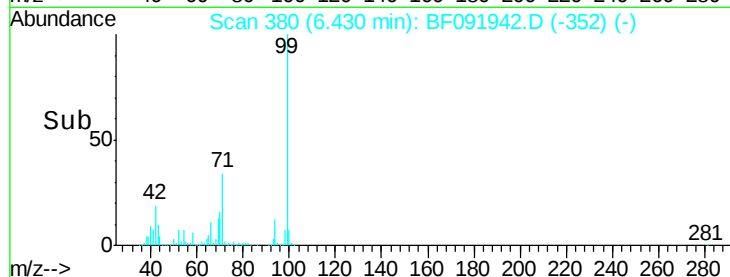
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.01 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

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Acq: 24 Dec 2016 00:59

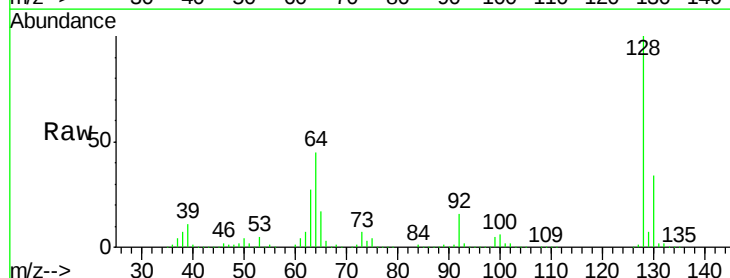
Tgt Ion: 128 Resp: 628816

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

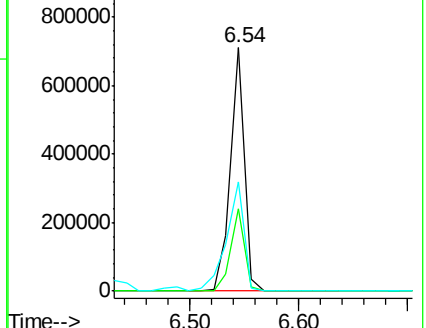
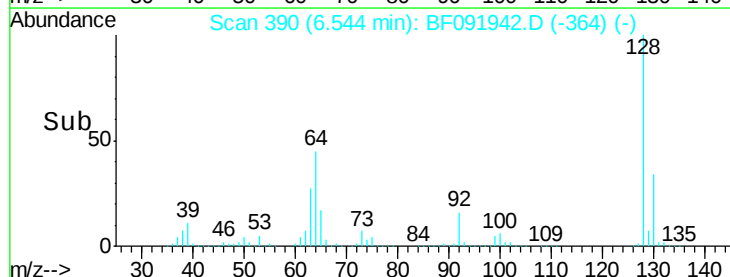
64 44.8 32.2 72.2

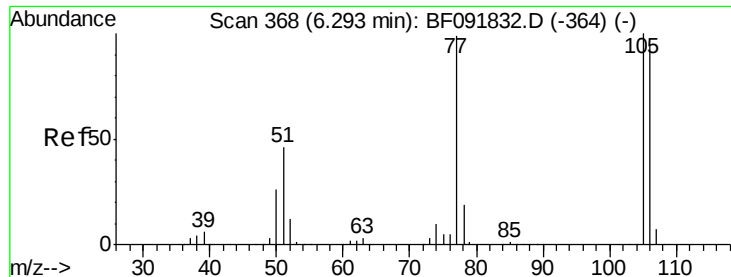


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

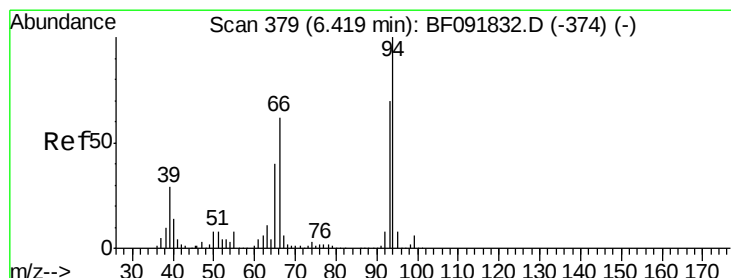
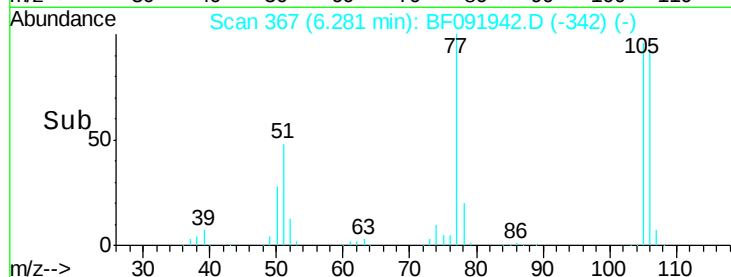
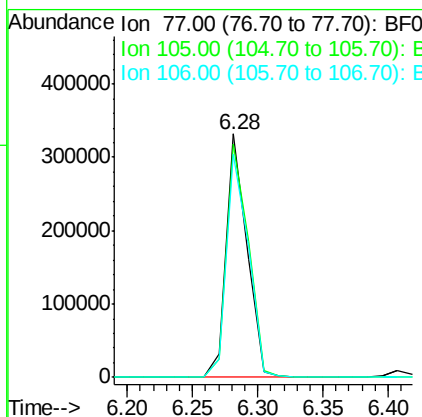
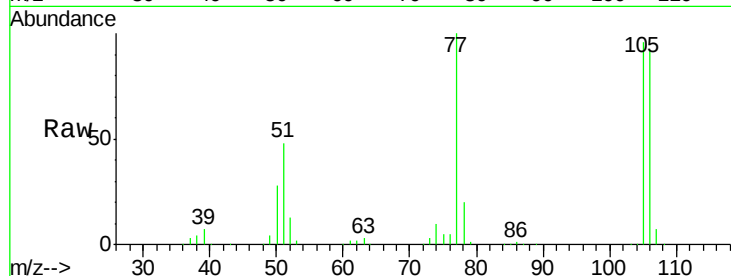




#9
Benzaldehyde
Concen: 38.83 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.01 min
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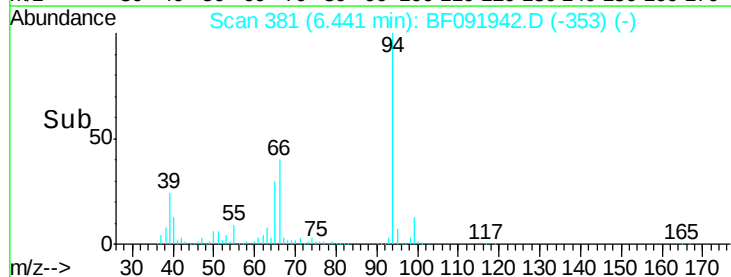
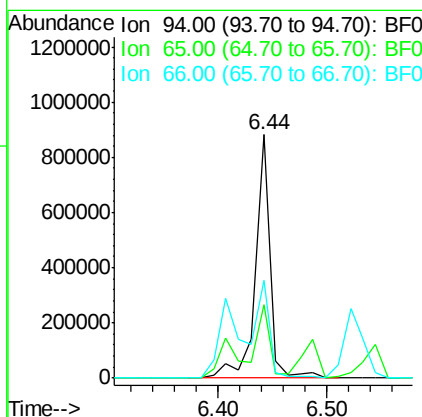
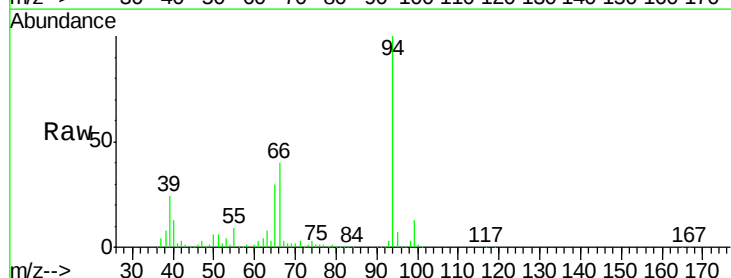
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 368582
Ion Ratio Lower Upper
77 100
105 96.0 83.9 123.9
106 91.5 77.6 117.6



#10
Phenol
Concen: 44.90 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion: 94 Resp: 842012
Ion Ratio Lower Upper
94 100
65 30.2 21.4 61.4
66 40.2 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 43.21 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

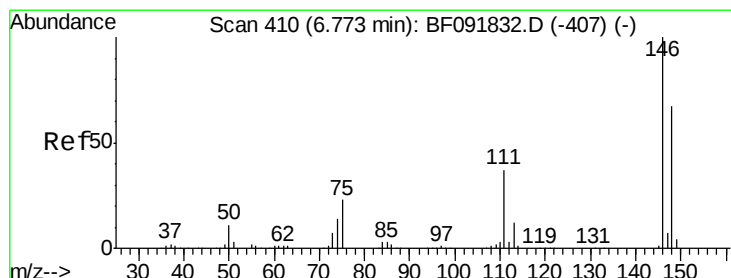
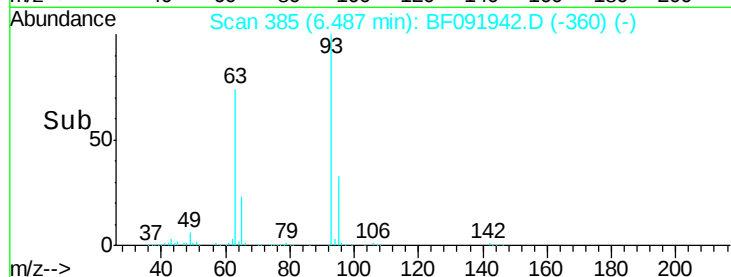
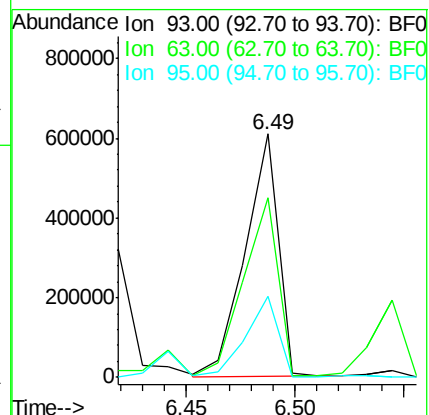
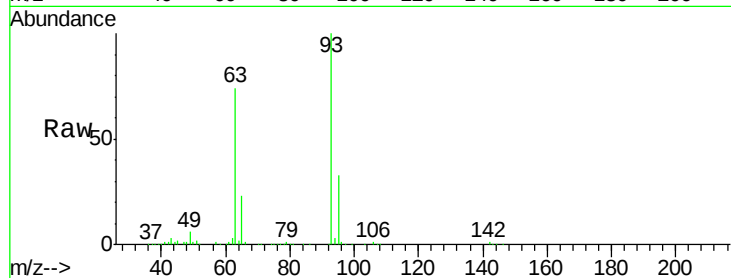
Tgt Ion: 93 Resp: 644771

Ion Ratio Lower Upper

93 100

63 73.7 60.4 100.4

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.21 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

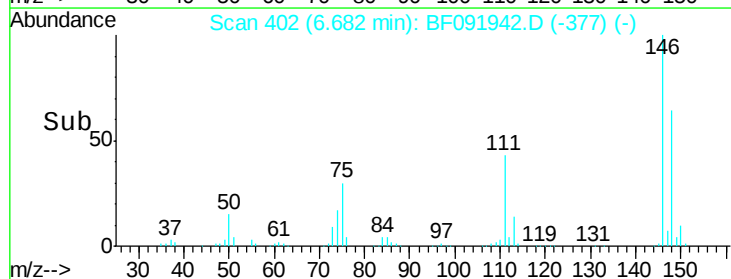
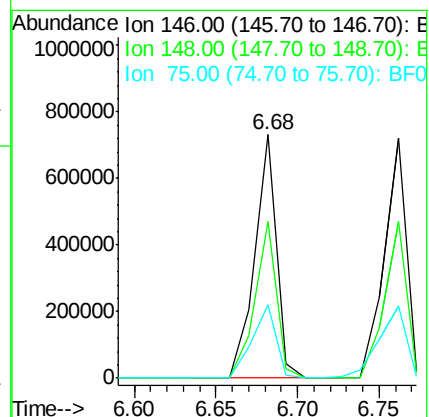
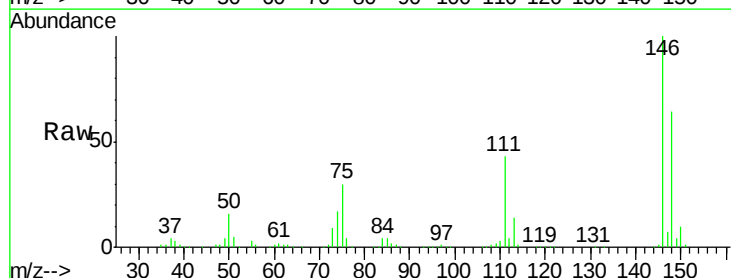
Tgt Ion: 146 Resp: 674538

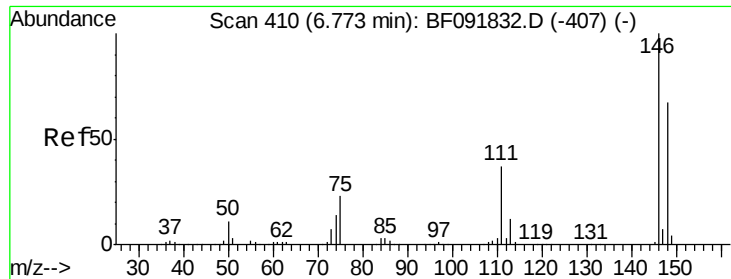
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 30.3 18.5 27.7#

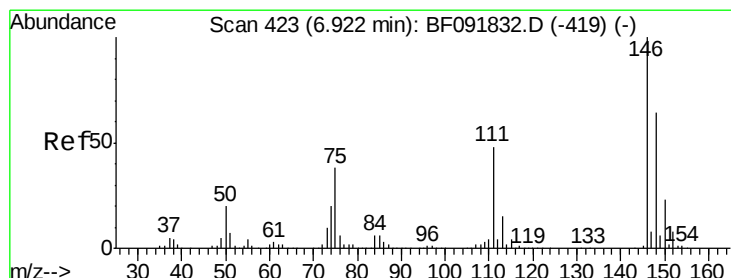
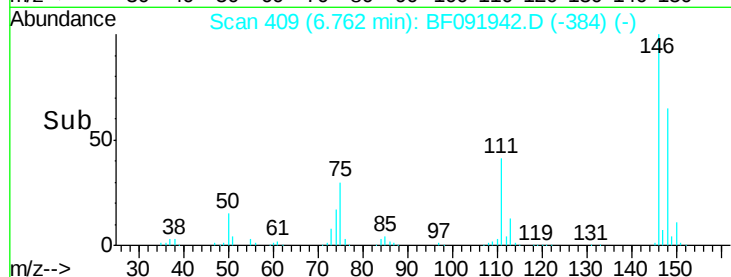
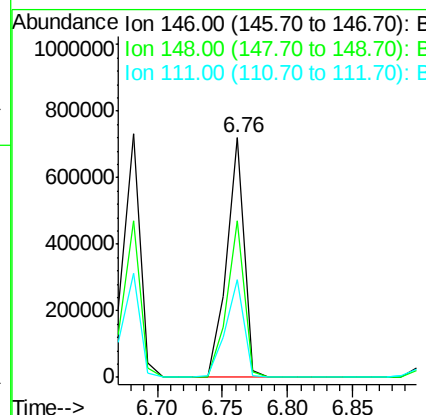
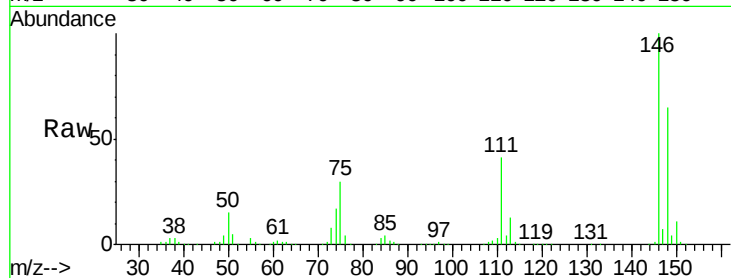




#13
 1,4-Dichlorobenzene
 Concen: 40.64 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

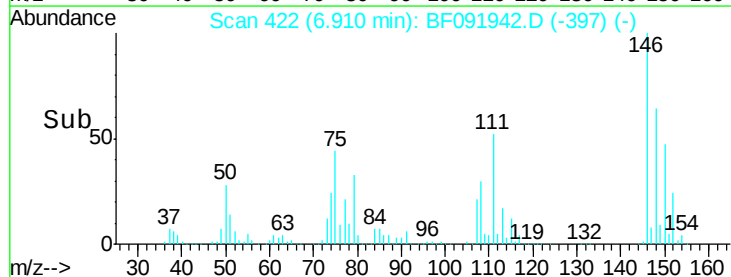
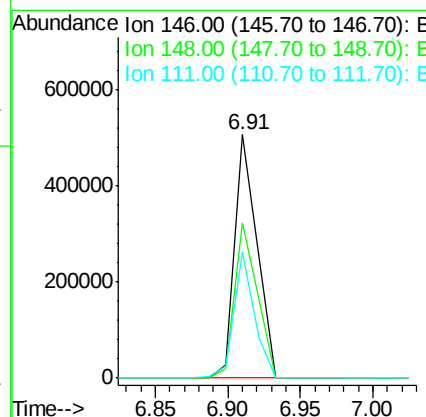
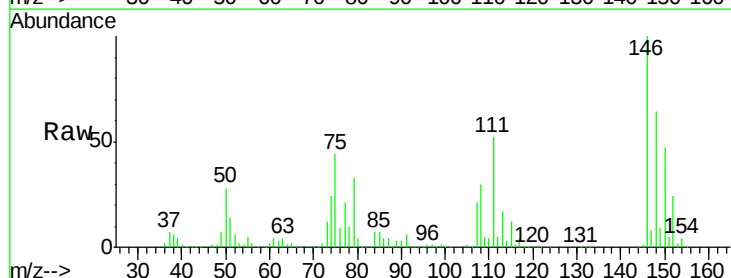
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

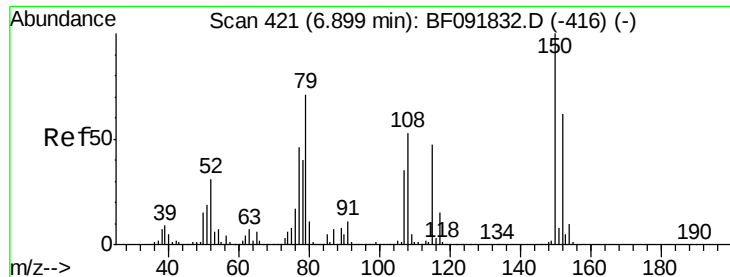
Tgt Ion:146 Resp: 677203
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 76.0
 111 40.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.40 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:146 Resp: 540724
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 51.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 29.93 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

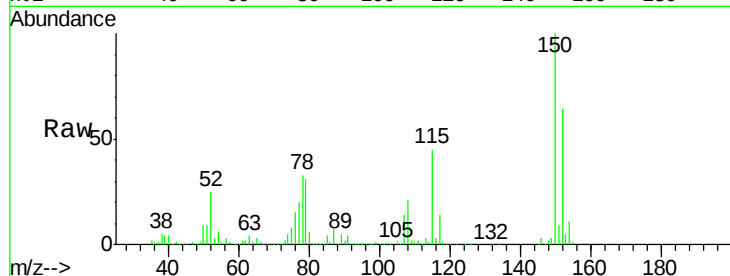
Tgt Ion: 79 Resp: 382727

Ion Ratio Lower Upper

79 100

108 69.2 61.4 92.0

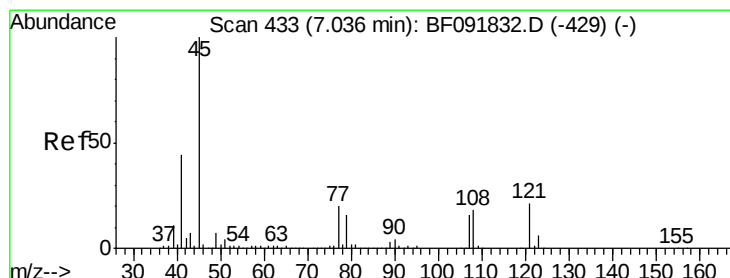
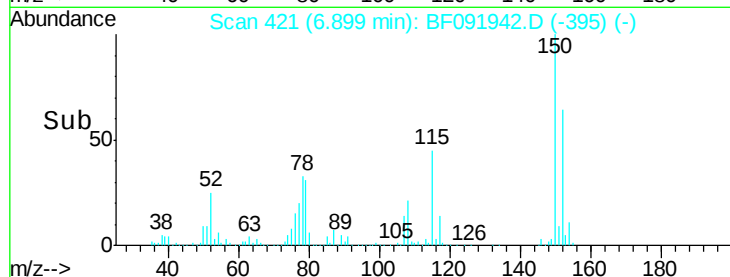
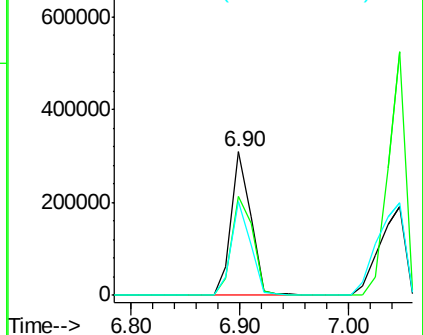
77 65.6 50.9 76.3



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: 39.51 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

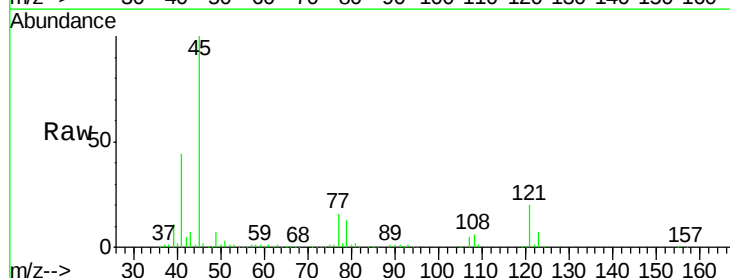
Tgt Ion: 45 Resp: 878035

Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.6

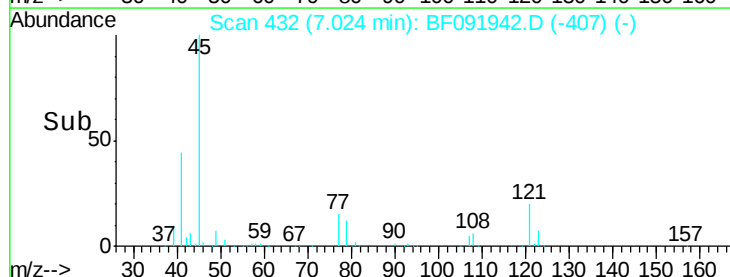
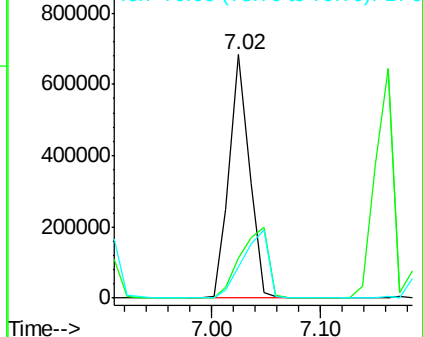
79 12.6 0.0 31.2

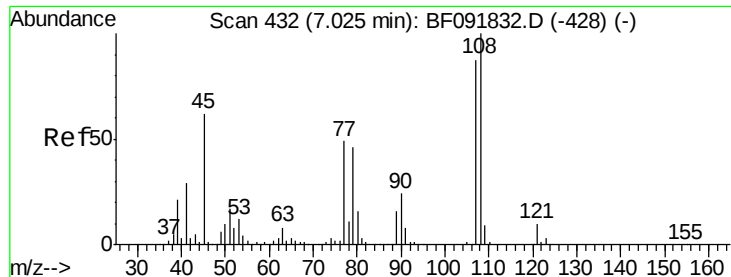


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

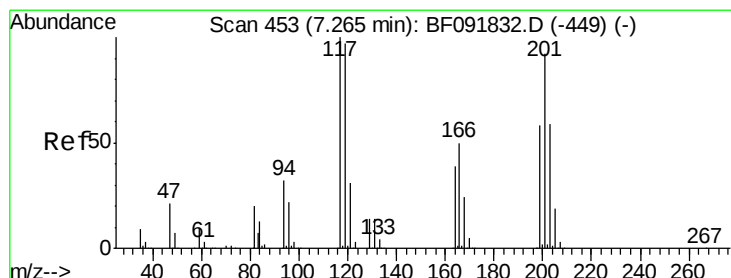
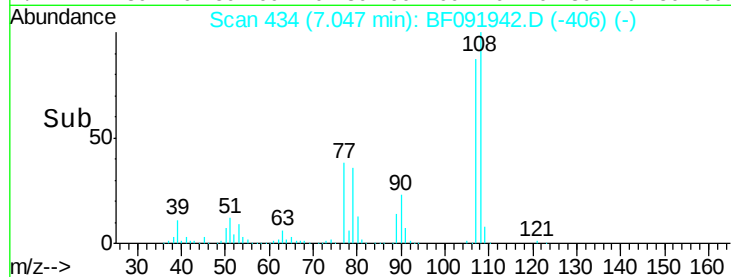
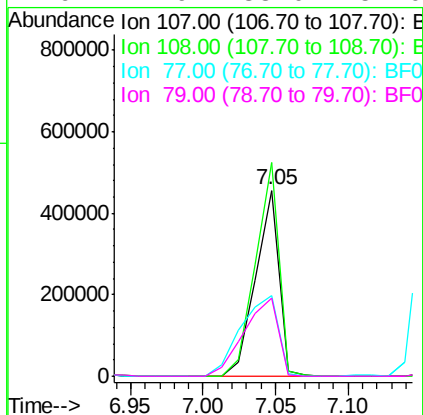
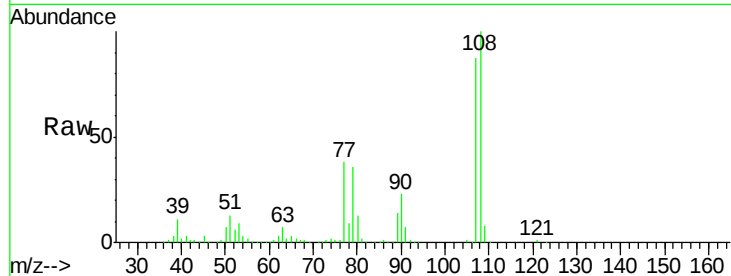




#17
2-Methylphenol
Concen: 41.29 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

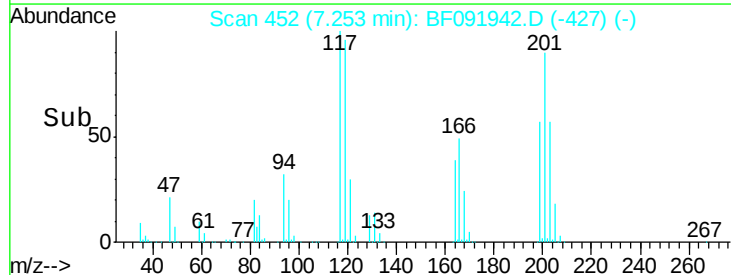
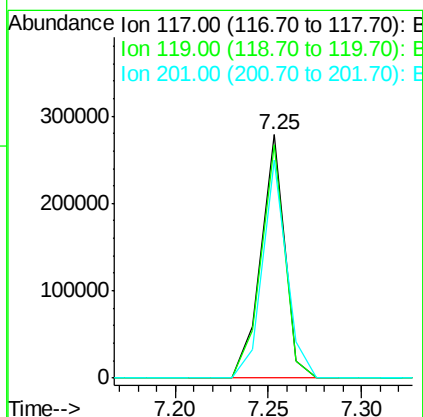
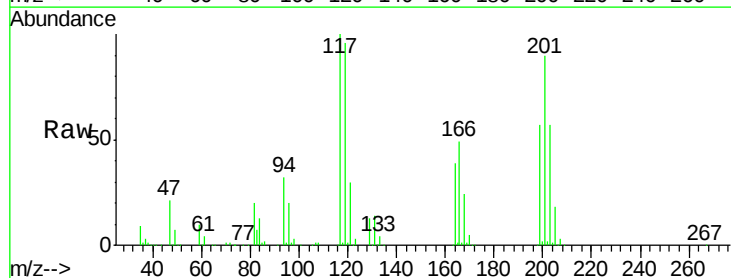
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

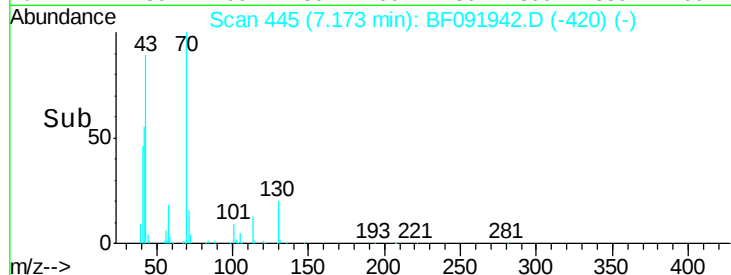
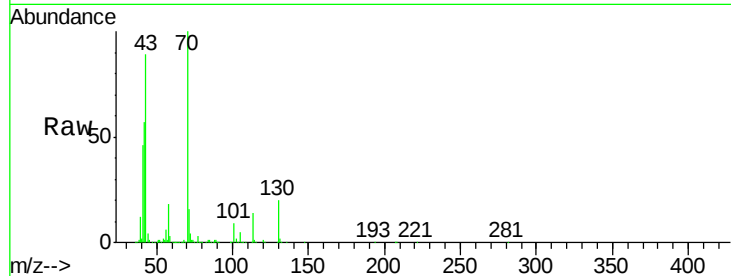
Tgt Ion:	107	Resp:	509196
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	43.4	39.8	59.8
79	41.9	38.0	57.0



#18
Hexachloroethane
Concen: 39.73 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:	117	Resp:	245399
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.1	117.1
201	89.7	78.6	117.8

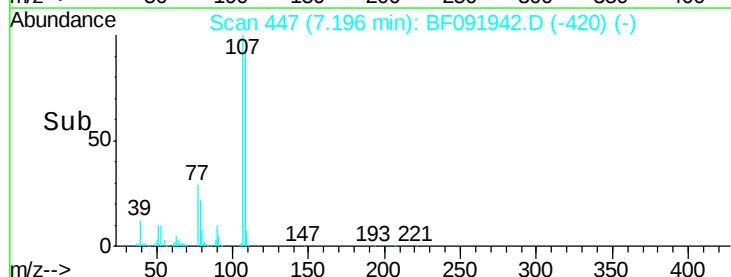
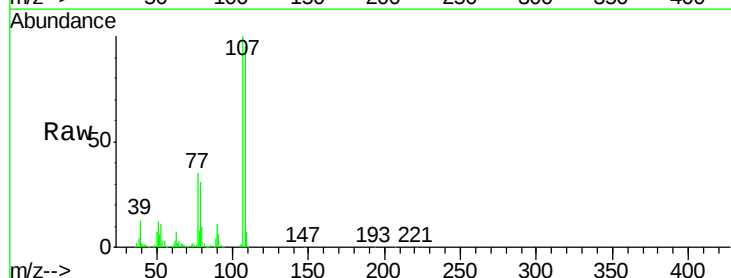
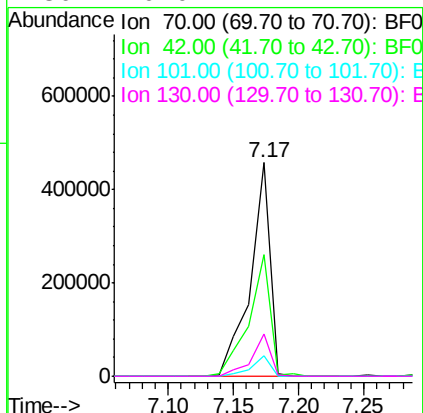




#19
n-Nitroso-di-n-propylamine
Concen: 44.41 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

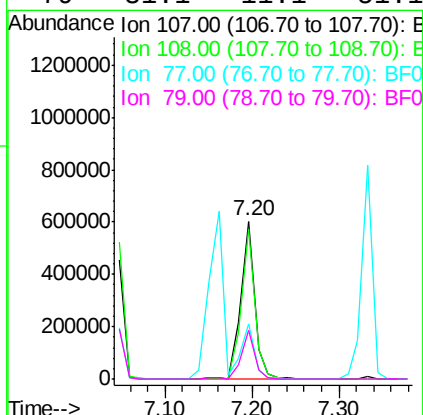
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

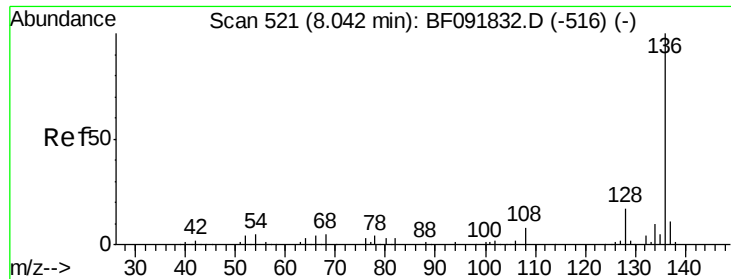
Tgt Ion:	70	Resp:	486316
Ion	Ratio	Lower	Upper
70	100		
42	56.7	49.4	74.0
101	9.4	7.4	11.2
130	20.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.96 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:	107	Resp:	661351
Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	34.6	71.3	111.3#
79	31.1	11.1	51.1

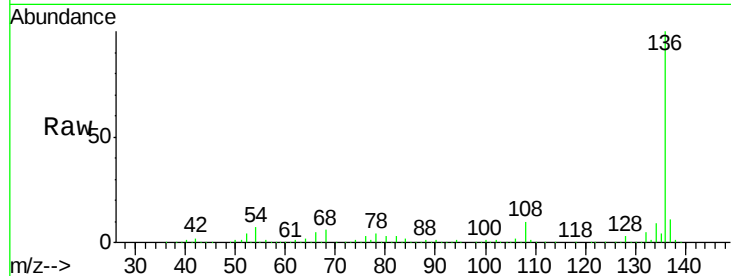




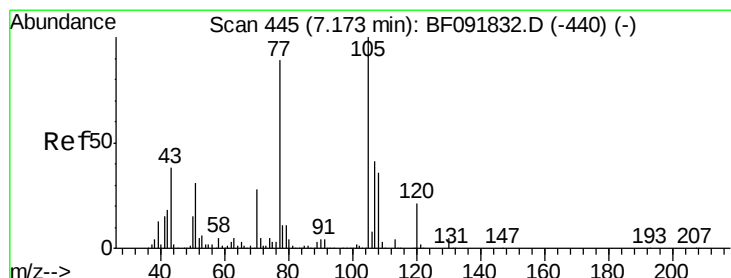
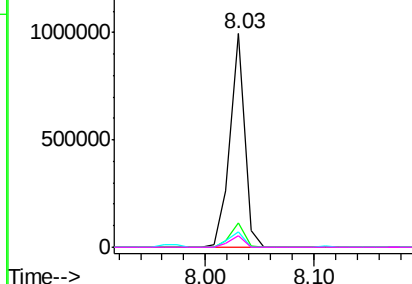
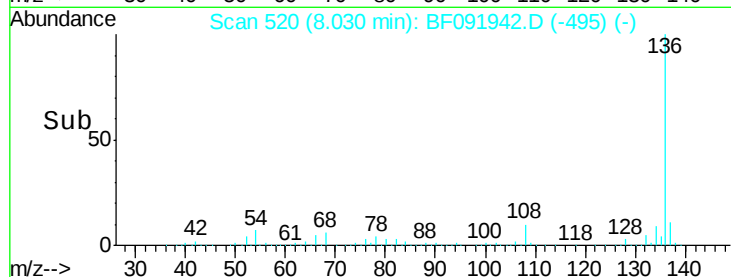
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	924698
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	7.4	4.5	6.7#
68	5.6	3.6	5.4#

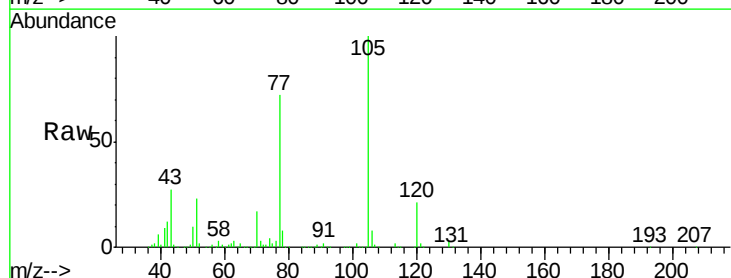


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

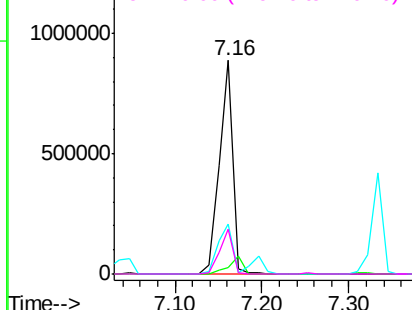
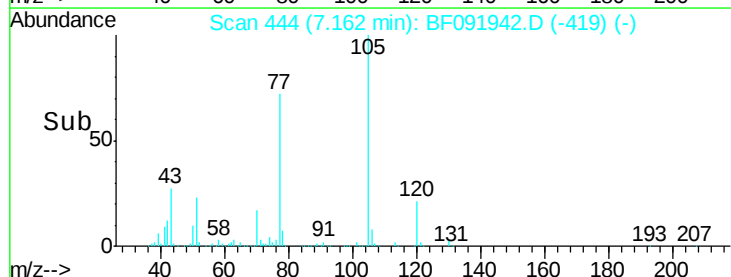


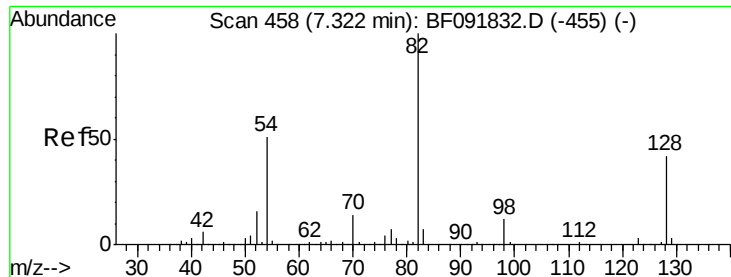
#22
Acetophenone
Concen: 42.49 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:	105	Resp:	969020
Ion Ratio	Lower	Upper	
105	100		
71	2.9	3.2	4.8#
51	23.3	26.2	39.4#
120	21.1	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

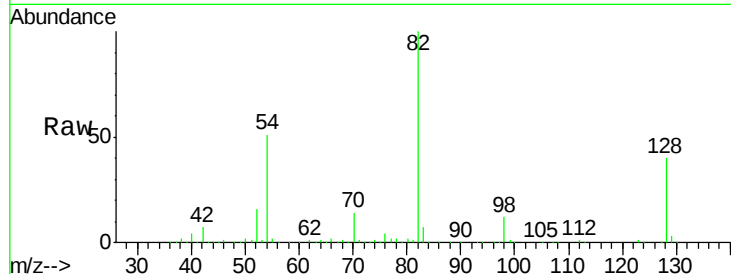




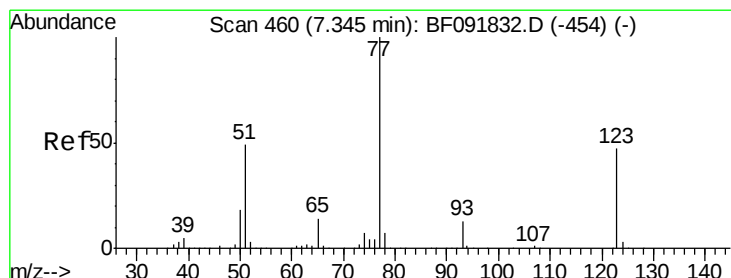
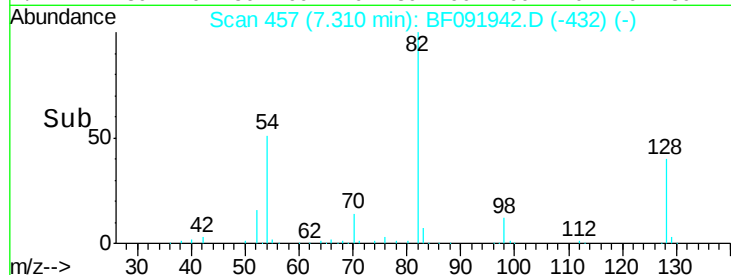
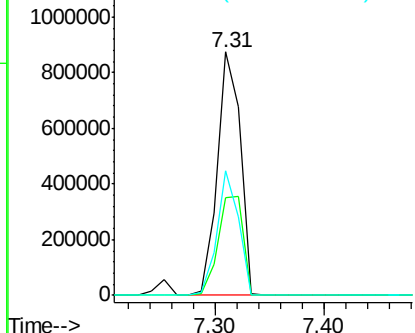
#23
Nitrobenzene-d5
Concen: 77.31 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1285604
Ion Ratio Lower Upper
82 100
128 40.2 34.6 52.0
54 51.3 39.5 59.3

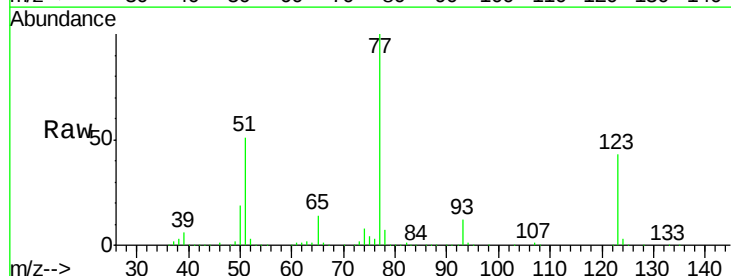


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

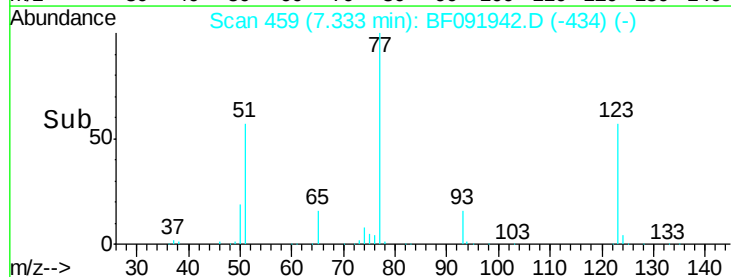
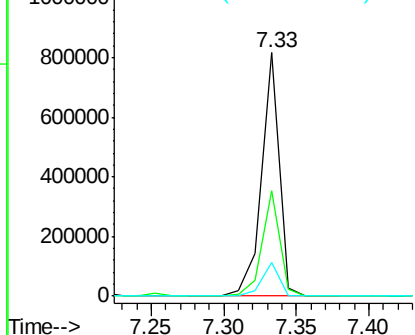


#24
Nitrobenzene
Concen: 38.99 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion: 77 Resp: 690560
Ion Ratio Lower Upper
77 100
123 43.3 33.0 49.4
65 13.7 11.2 16.8



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: 37.30 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

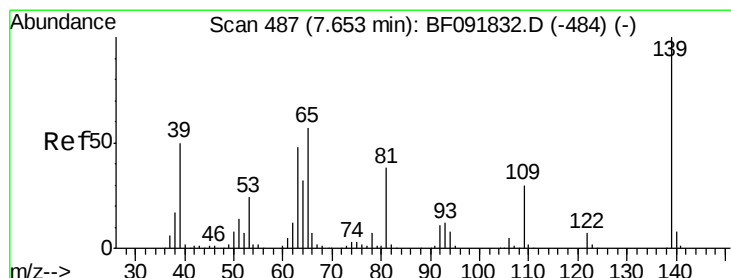
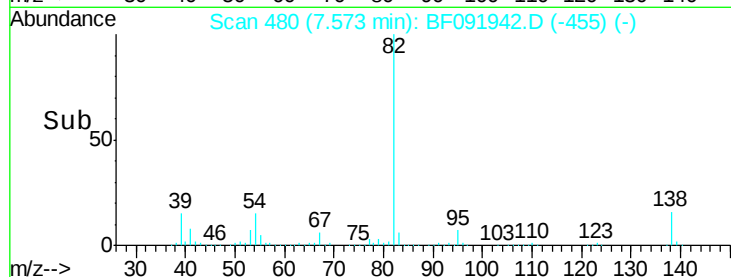
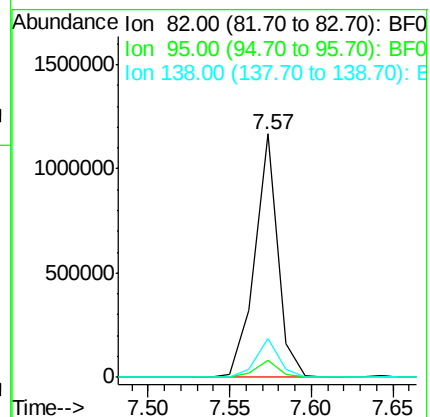
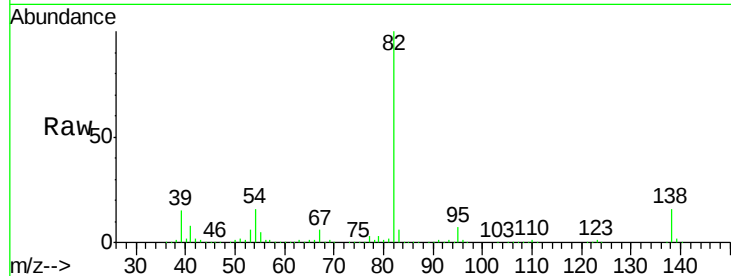
Tgt Ion: 82 Resp: 1144383

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 16.1 14.6 22.0



#26

2-Nitrophenol

Concen: 39.18 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

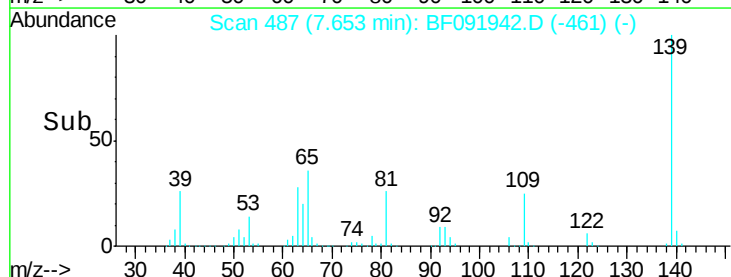
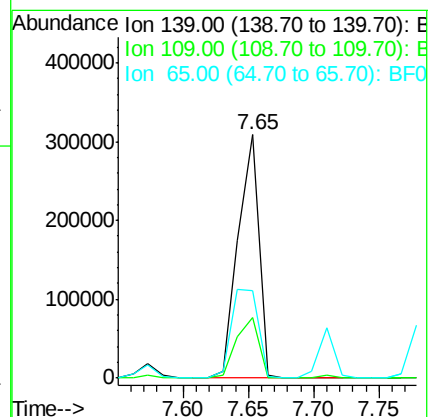
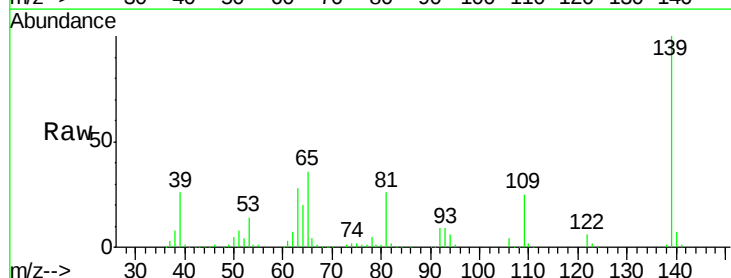
Tgt Ion: 139 Resp: 342227

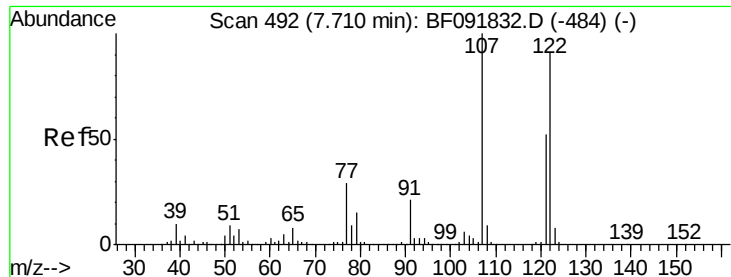
Ion Ratio Lower Upper

139 100

109 24.7 23.3 34.9

65 35.8 42.7 64.1#

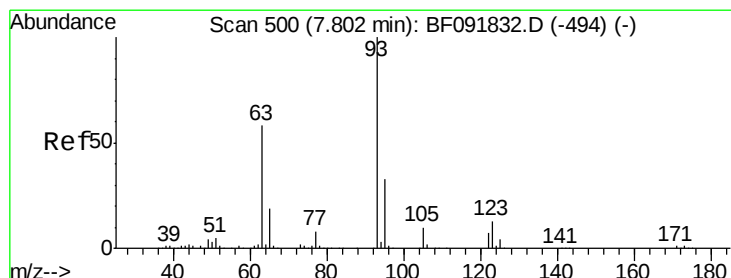
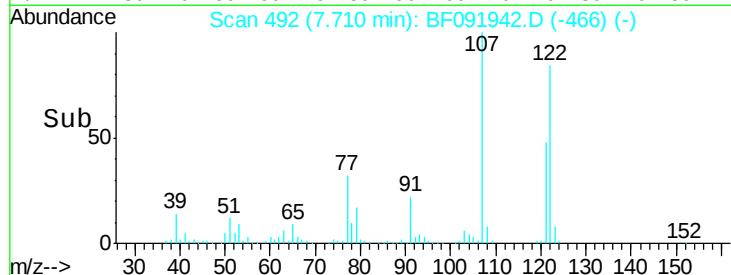
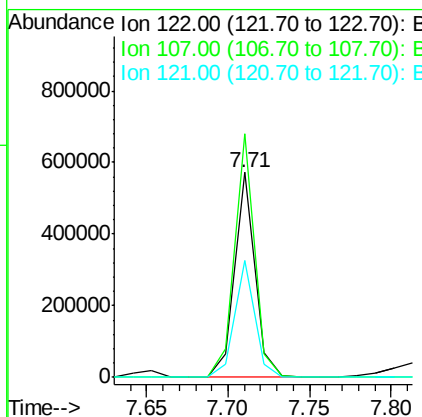
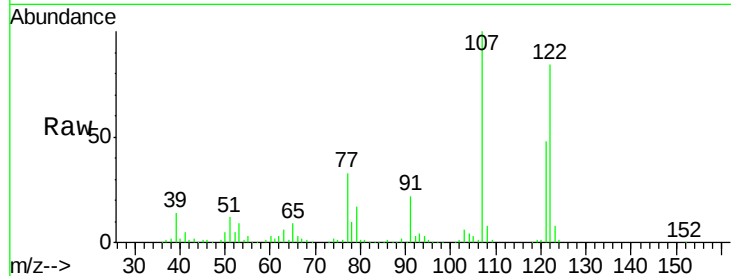




#27
 2,4-Dimethylphenol
 Concen: 33.74 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

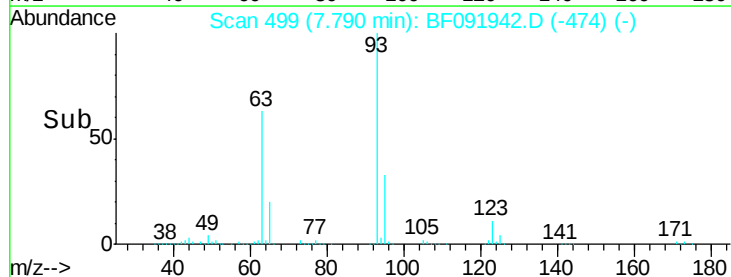
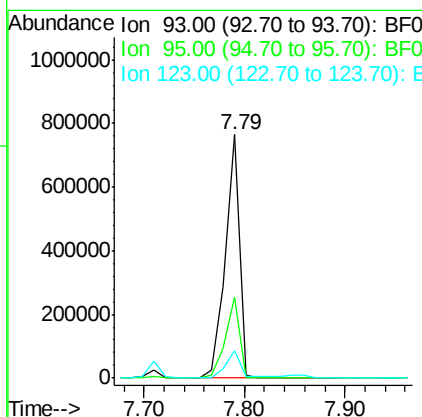
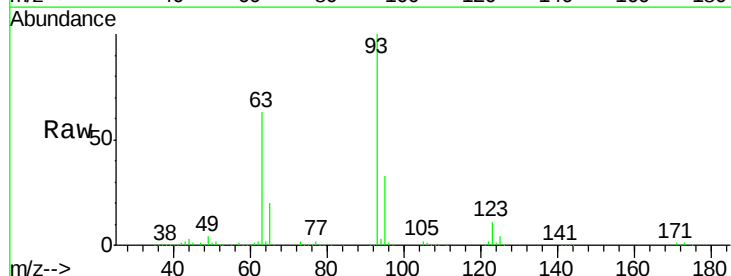
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

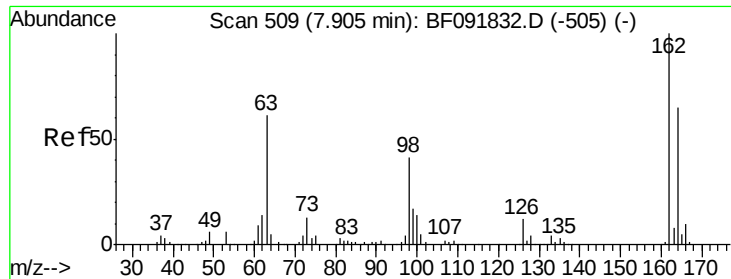
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.8	94.1	141.1
121	57.1	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.40 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.1	8.6	13.0

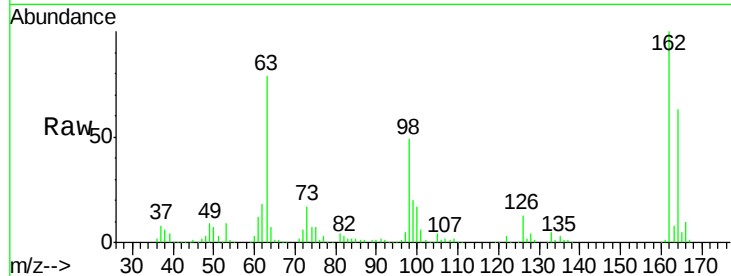




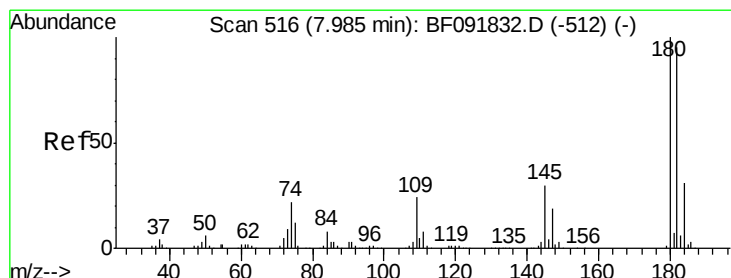
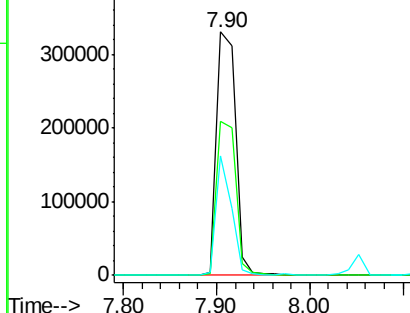
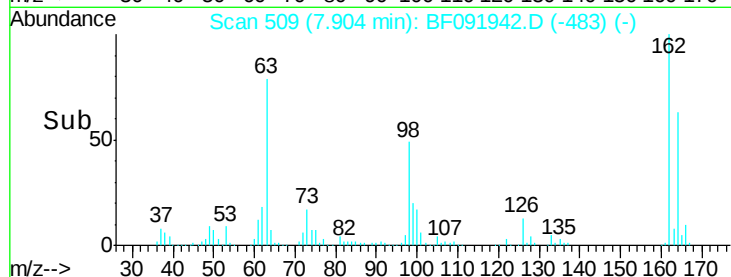
#29
 2,4-Dichlorophenol
 Concen: 38.17 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 468264
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.8 86.8
 98 48.9 9.1 49.1

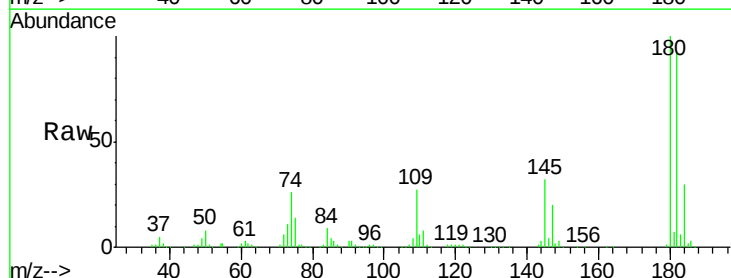


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

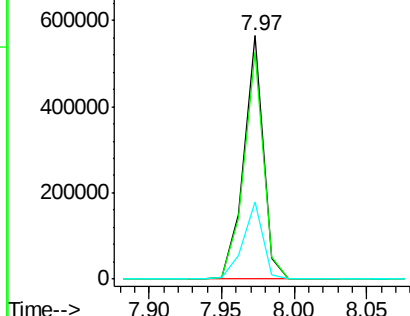
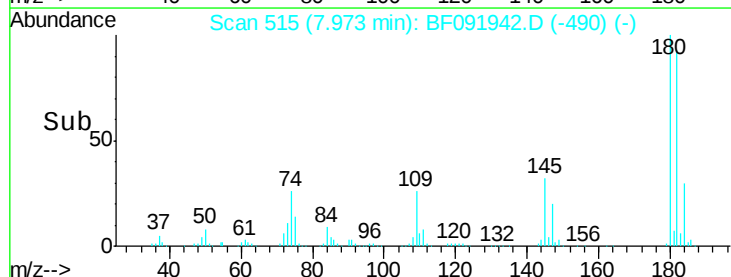


#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:180 Resp: 528759
 Ion Ratio Lower Upper
 180 100
 182 93.5 78.2 117.4
 145 31.7 21.6 32.4



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: 41.69 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

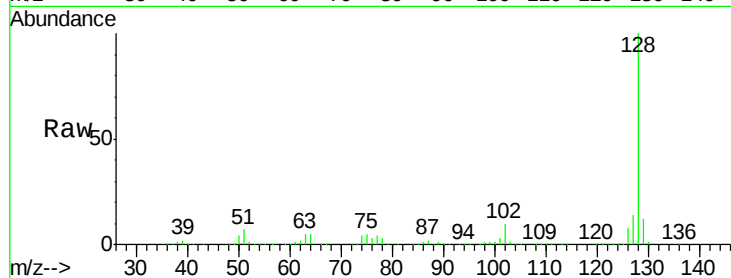
Tgt Ion:128 Resp: 1764171

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

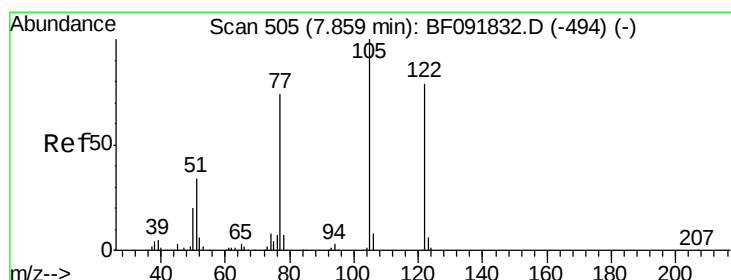
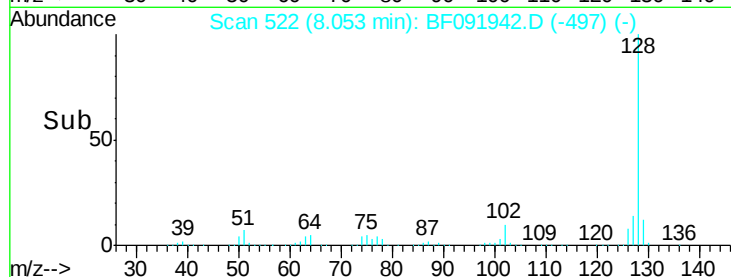
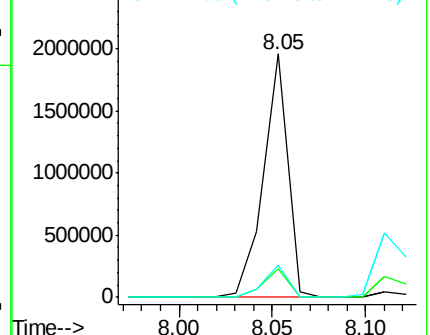
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.01 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

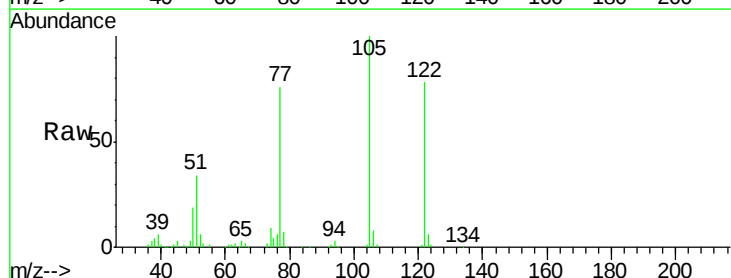
Tgt Ion:122 Resp: 333160

Ion Ratio Lower Upper

122 100

105 128.6 107.2 147.2

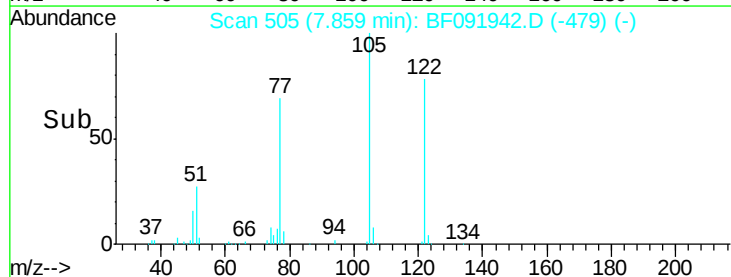
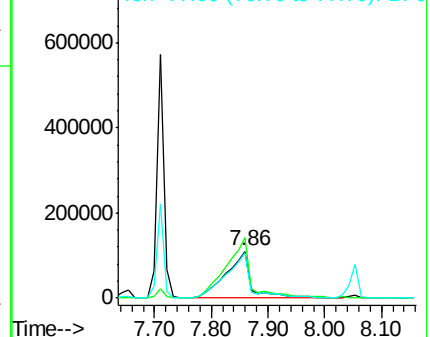
77 97.3 74.5 114.5

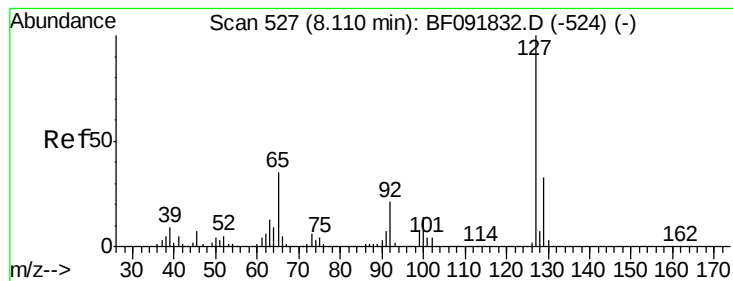


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.60 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

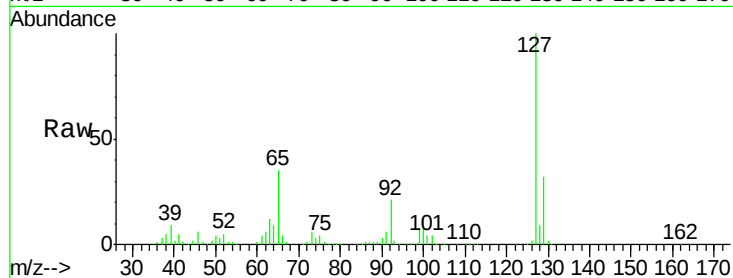
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	679400
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	34.9	25.8	38.8
92	20.6	16.1	24.1

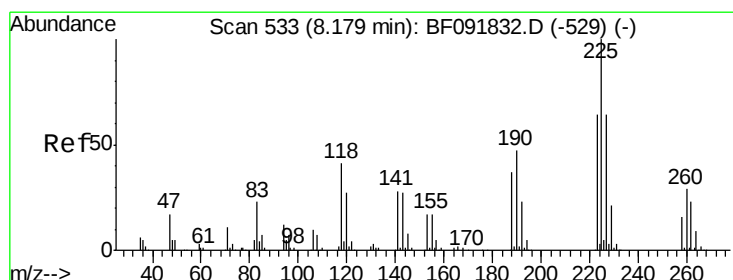
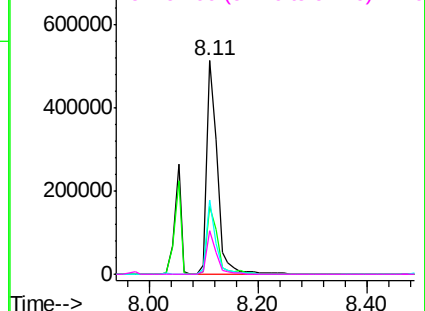
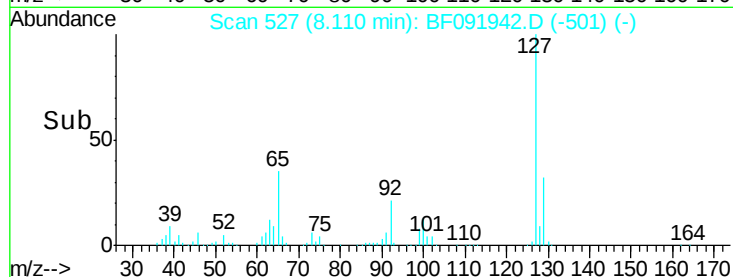


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.00 ng

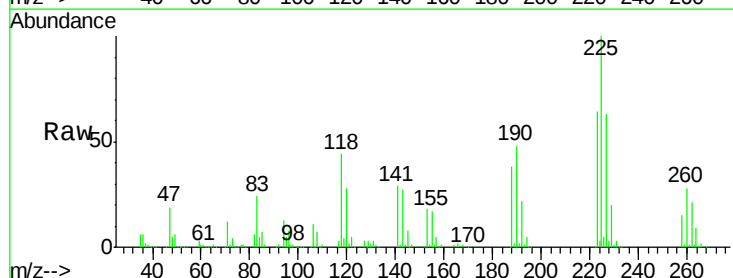
RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

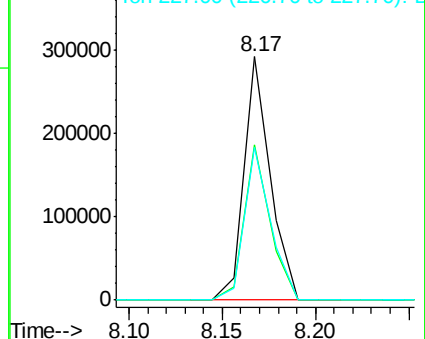
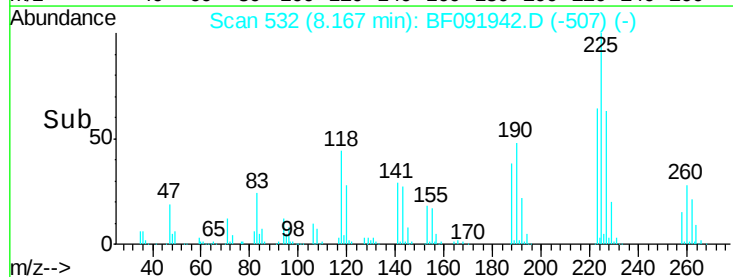
Tgt Ion:	225	Resp:	283858
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.7	50.6	76.0

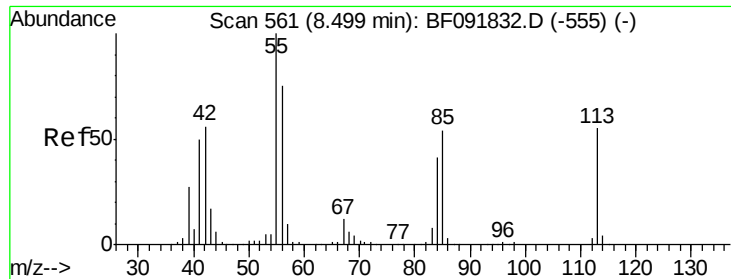


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

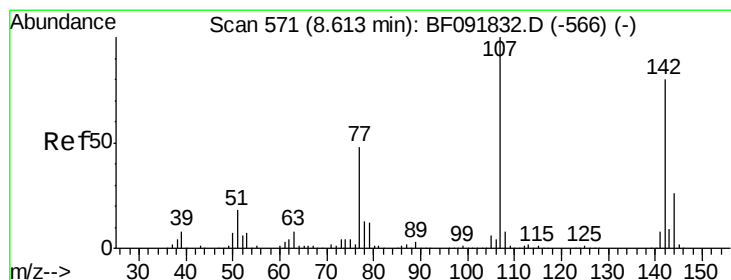
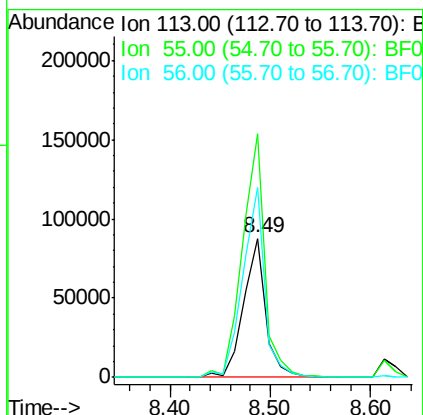
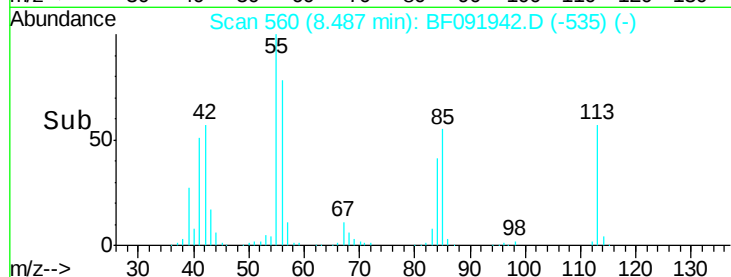
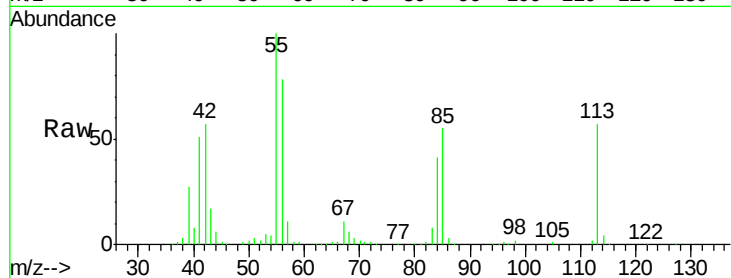




#35
 Caprolactam
 Concen: 33.04 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

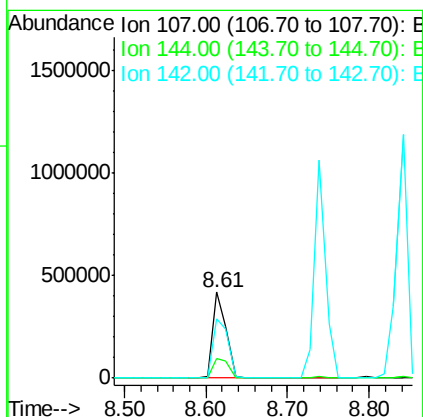
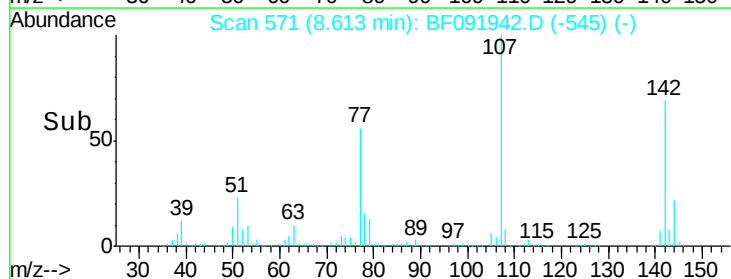
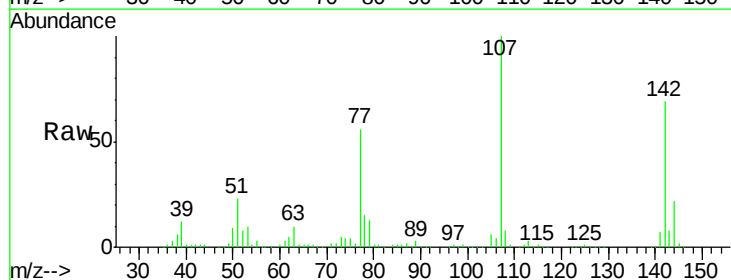
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

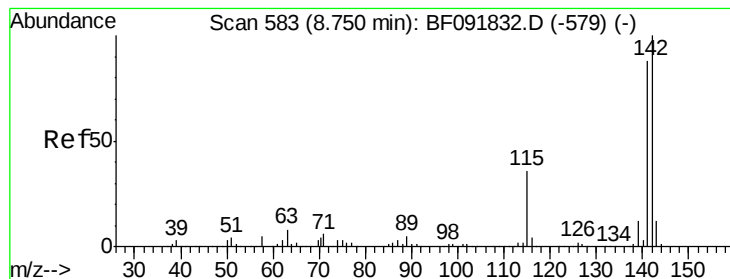
Tgt Ion:113 Resp: 133176
 Ion Ratio Lower Upper
 113 100
 55 175.2 119.2 159.2#
 56 136.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 33.89 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:107 Resp: 478382
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.3 28.9
 142 68.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 36.99 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

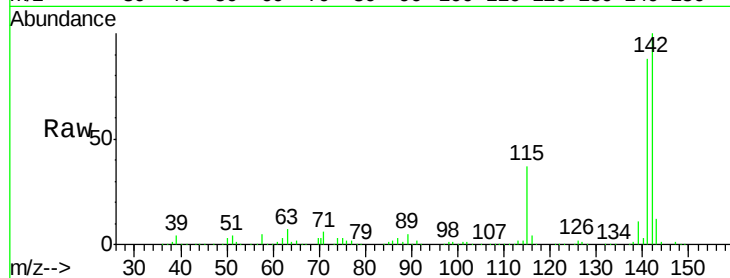
Tgt Ion:142 Resp: 1010152

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

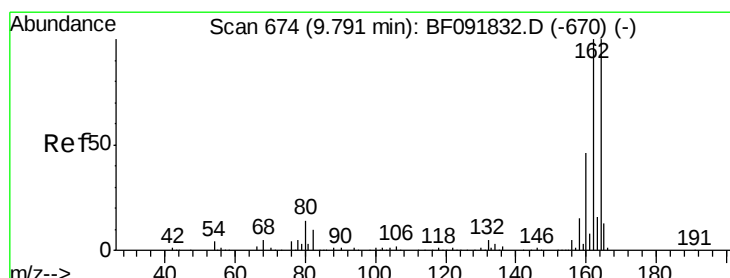
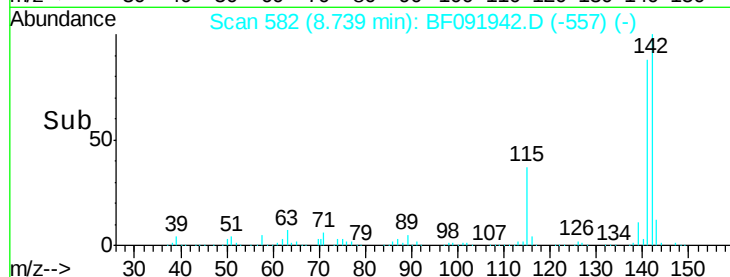
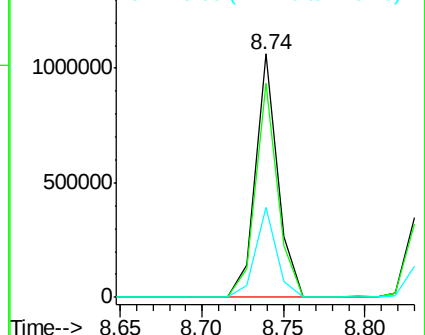
115 37.1 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

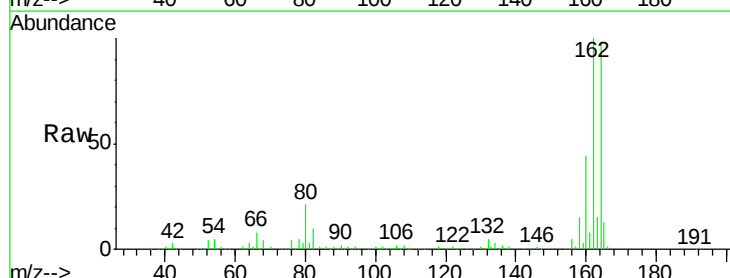
Tgt Ion:164 Resp: 450082

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

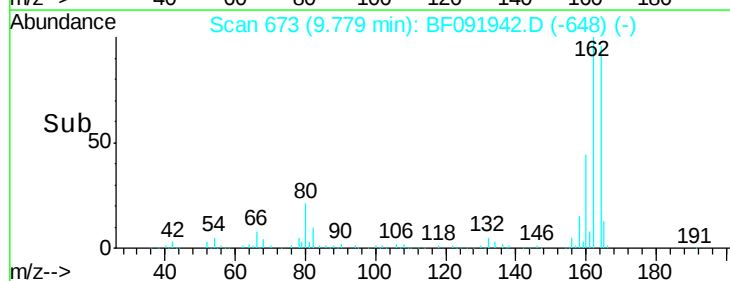
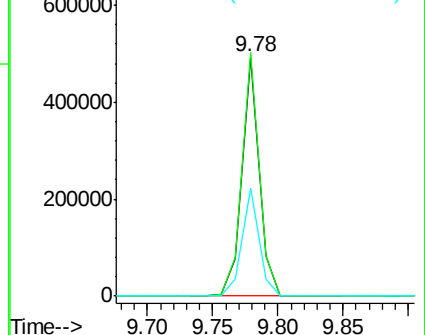
160 45.0 36.9 55.3

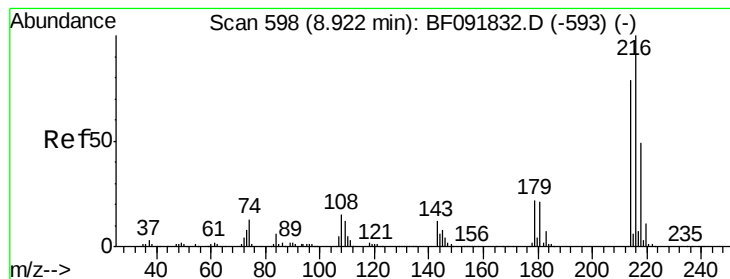


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.14 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 490540

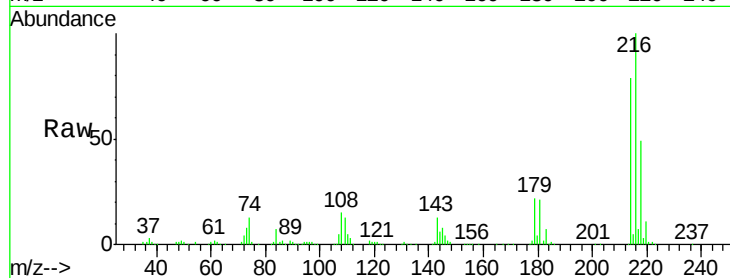
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.7 17.4 26.2

108 19.3 15.6 23.4

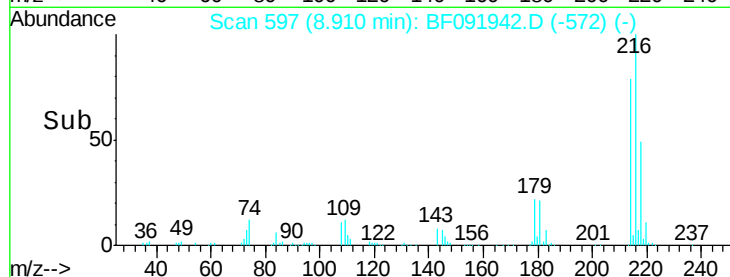


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

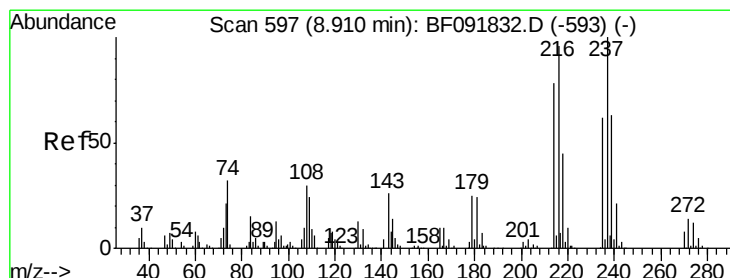
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

8.85 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 19.14 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

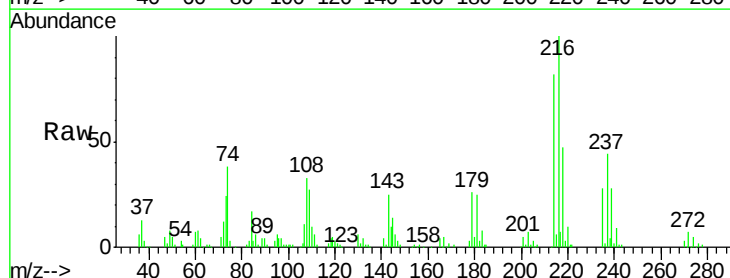
Tgt Ion:237 Resp: 80800

Ion Ratio Lower Upper

237 100

235 62.6 41.2 81.2

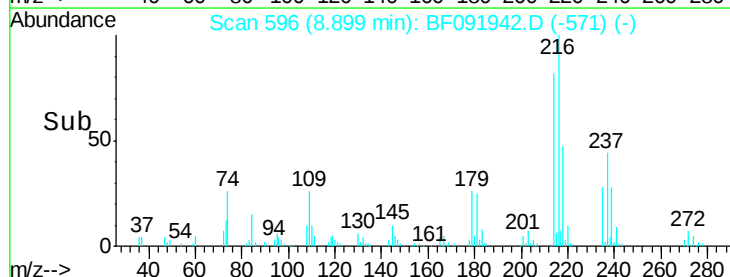
272 14.8 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

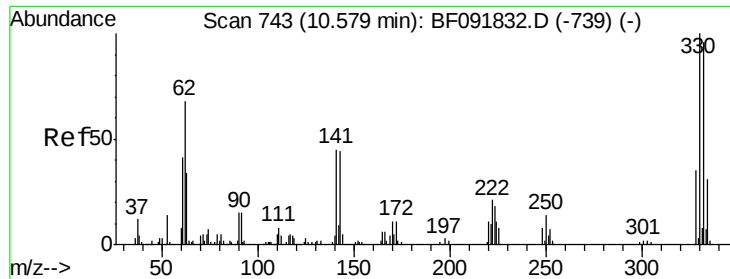
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

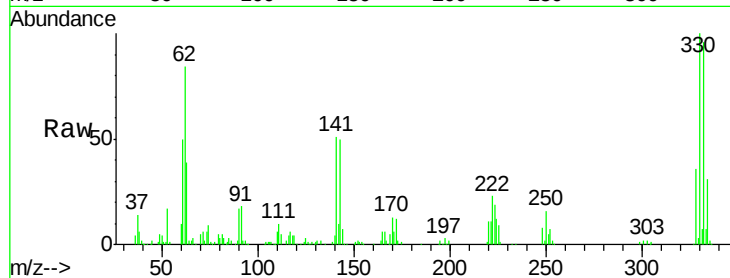
8.85 8.90 8.95



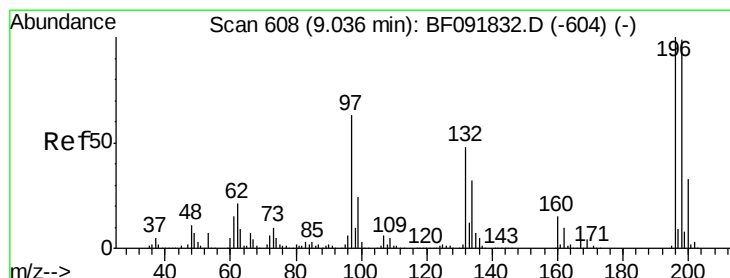
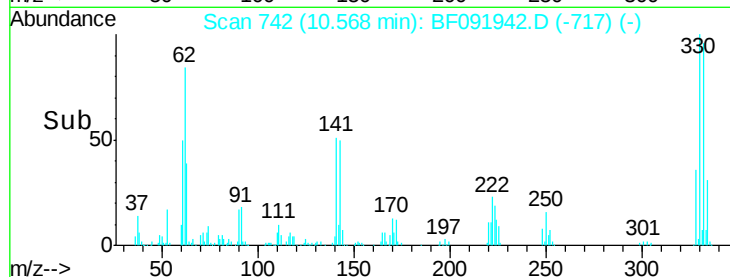
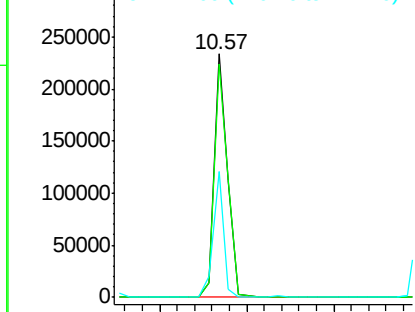
#41
 2,4,6-Tribromophenol
 Concen: 67.72 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 252244
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.9 34.1 51.1

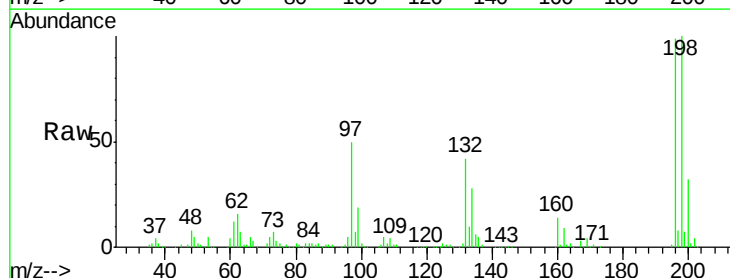


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

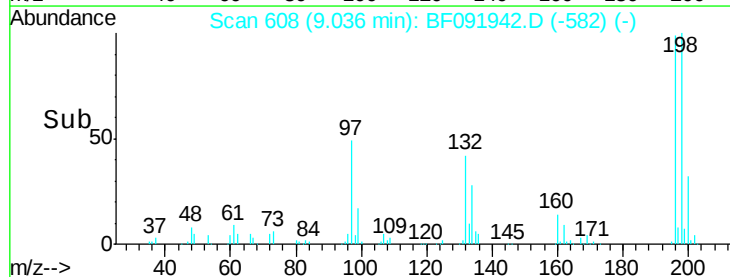
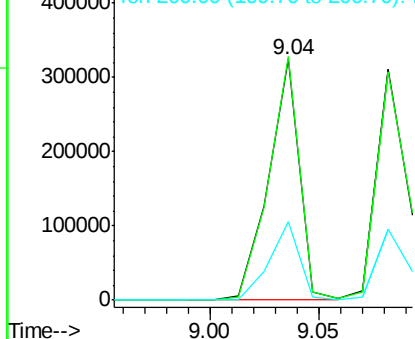


#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:196 Resp: 322001
 Ion Ratio Lower Upper
 196 100
 198 101.1 82.1 123.1
 200 32.8 27.0 40.4



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

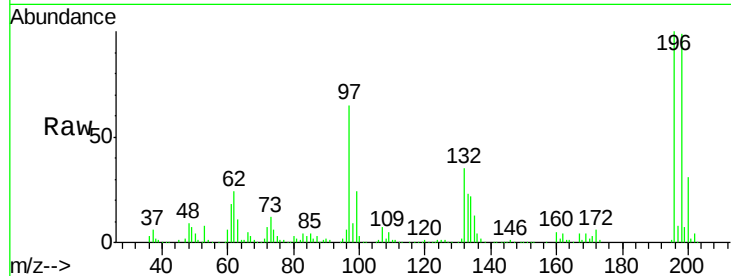




#43
 2,4,5-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	64.7	51.5	77.3
132	34.5	27.4	41.2



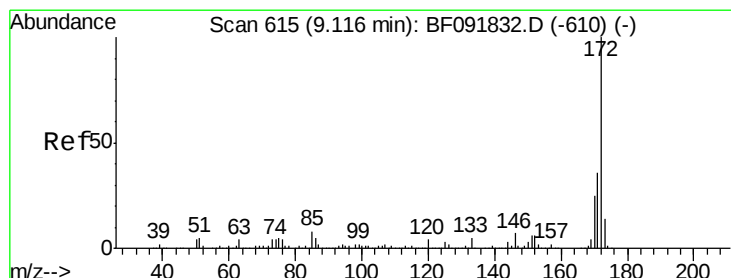
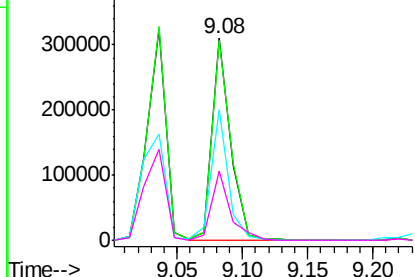
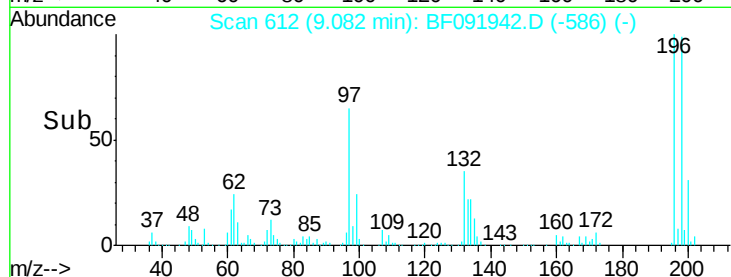
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

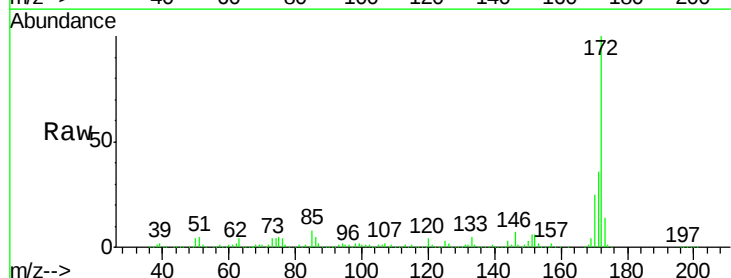
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.93 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.5	20.2	30.4

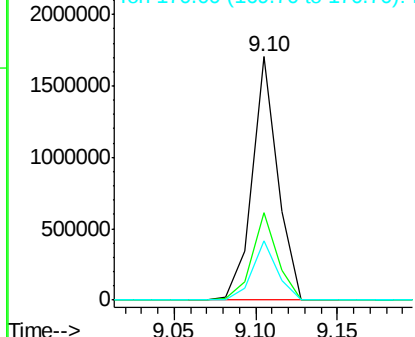
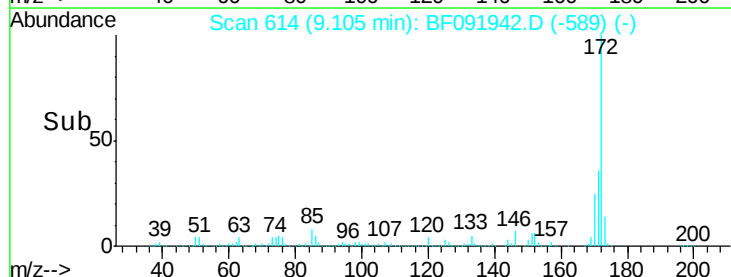


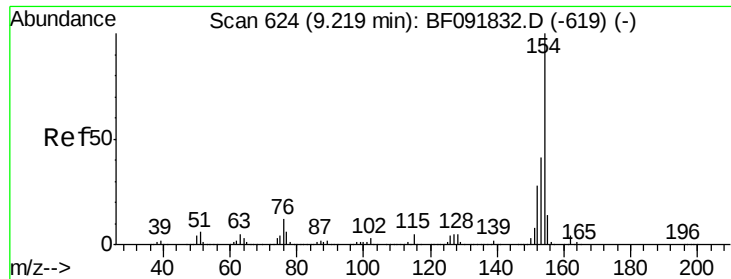
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

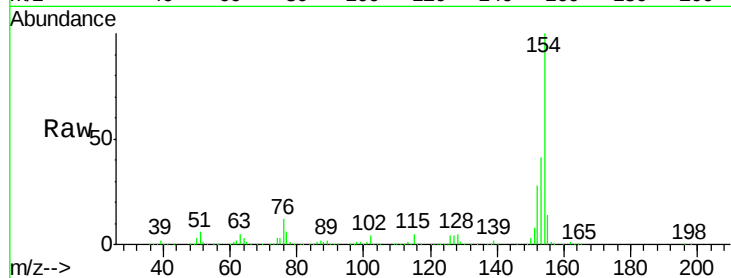




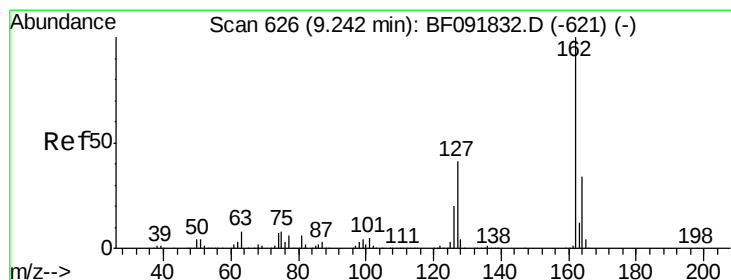
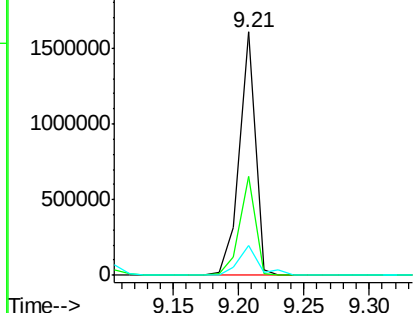
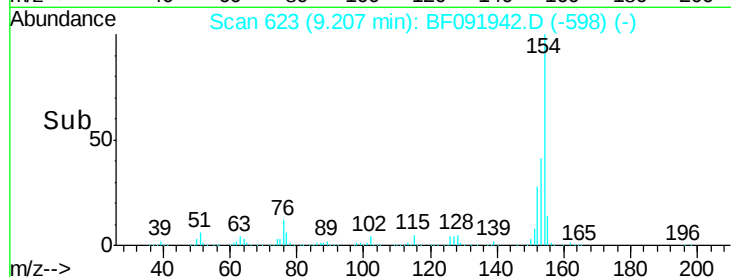
#45
 1,1'-Biphenyl
 Concen: 44.05 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1357583
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 12.0 0.0 30.5

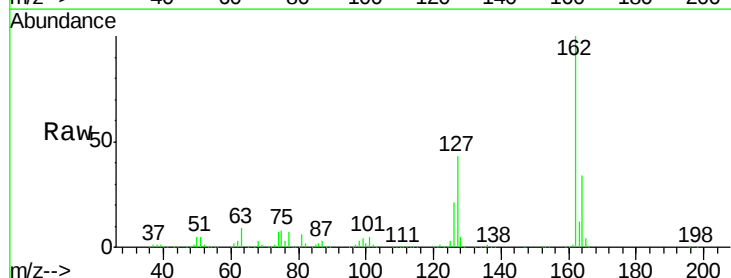


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

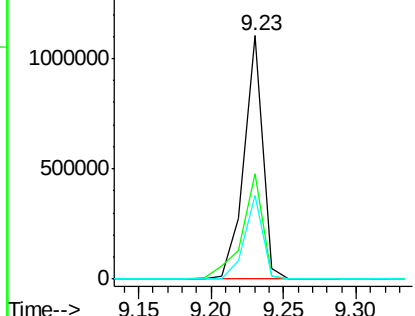
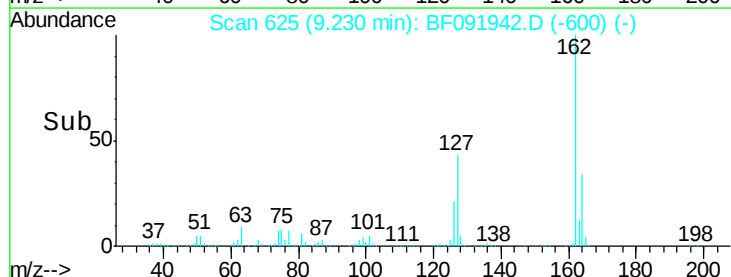


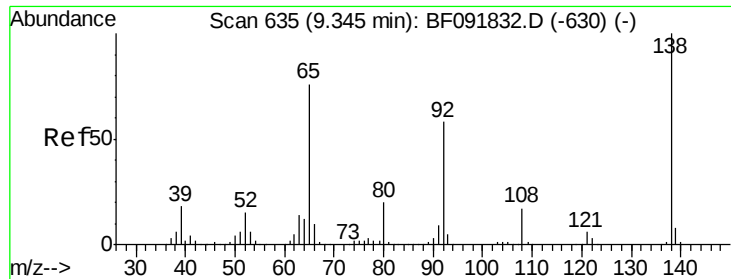
#46
 2-Chloronaphthalene
 Concen: 40.52 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:162 Resp: 988921
 Ion Ratio Lower Upper
 162 100
 127 43.2 30.7 46.1
 164 34.1 27.6 41.4



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

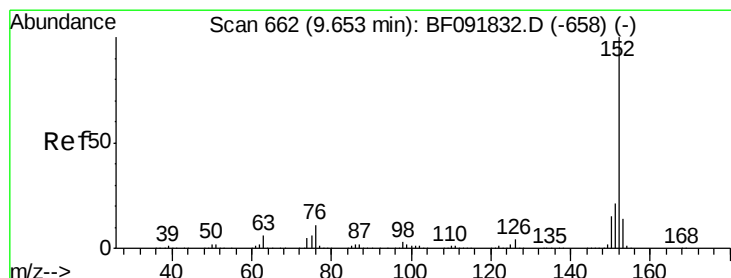
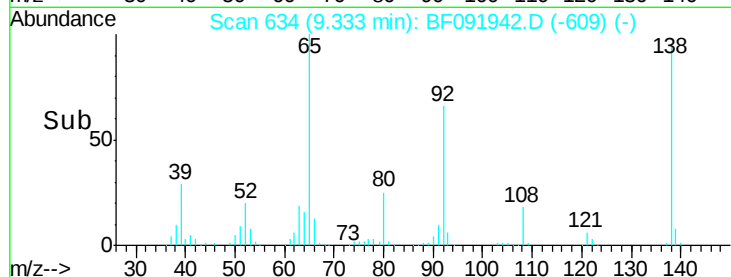
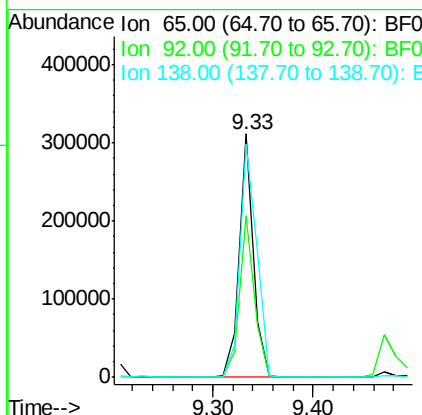
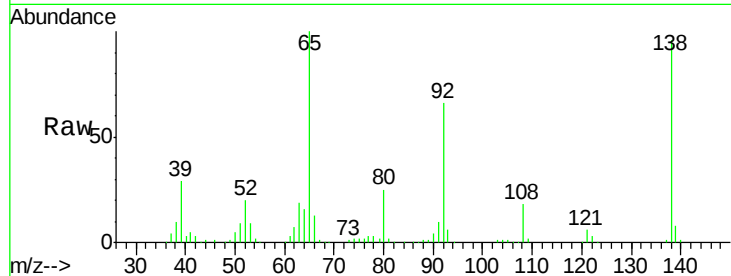




#47
 2-Nitroaniline
 Concen: 35.17 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

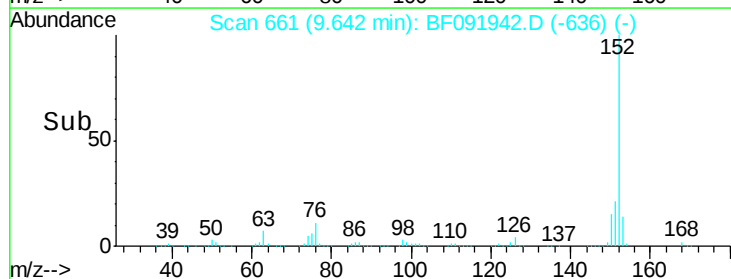
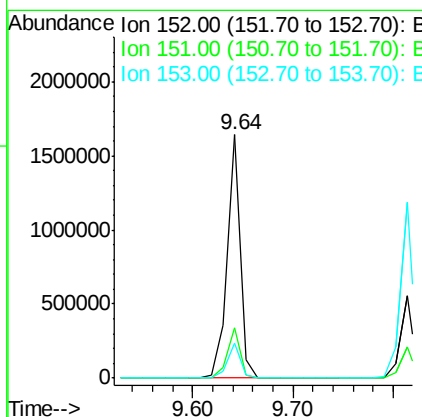
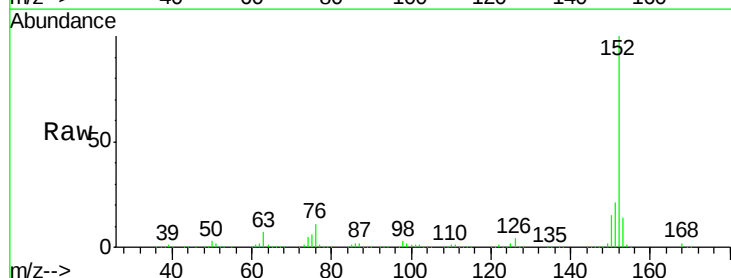
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

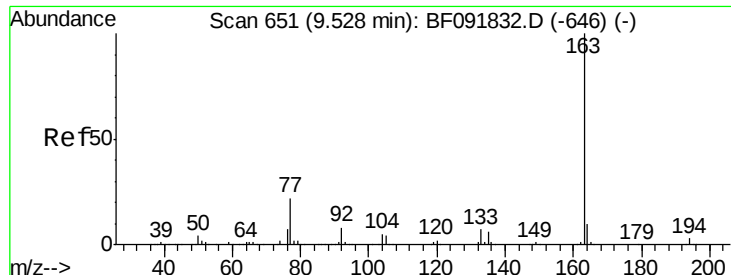
Tgt Ion: 65 Resp: 305571
 Ion Ratio Lower Upper
 65 100
 92 66.4 53.9 80.9
 138 95.6 76.8 115.2



#48
 Acenaphthylene
 Concen: 39.24 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 152 Resp: 1472724
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.9 25.3
 153 14.3 11.4 17.2

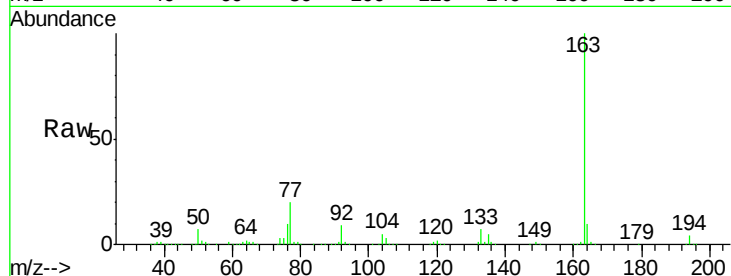




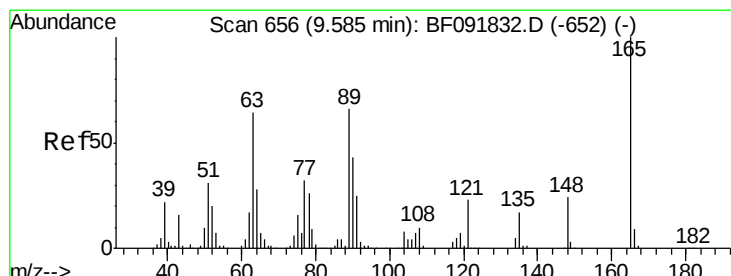
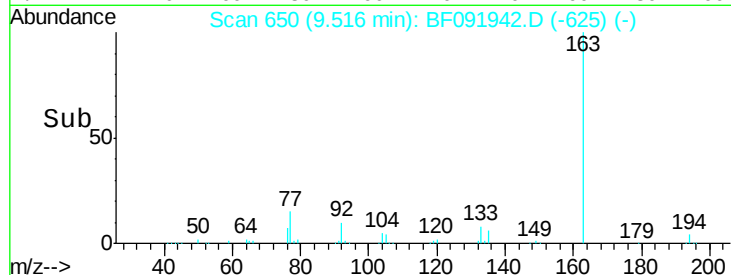
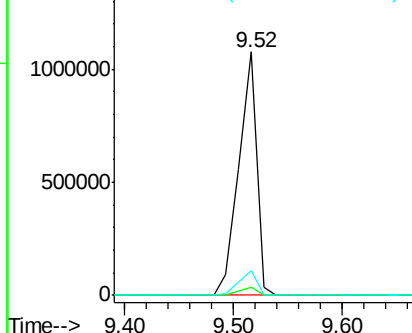
#49
Dimethylphthalate
Concen: 42.17 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1213856
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.2 8.0 12.0

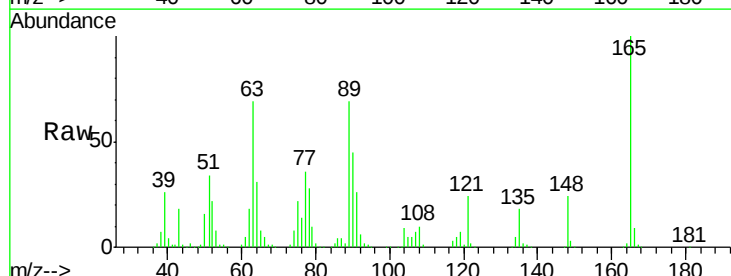


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

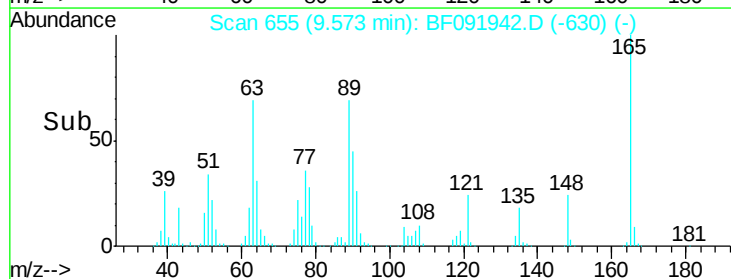
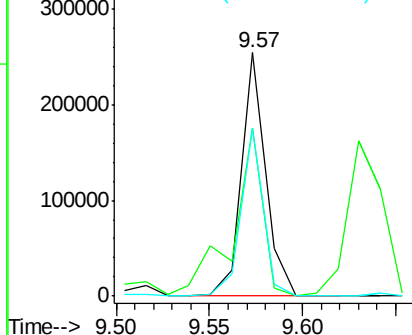


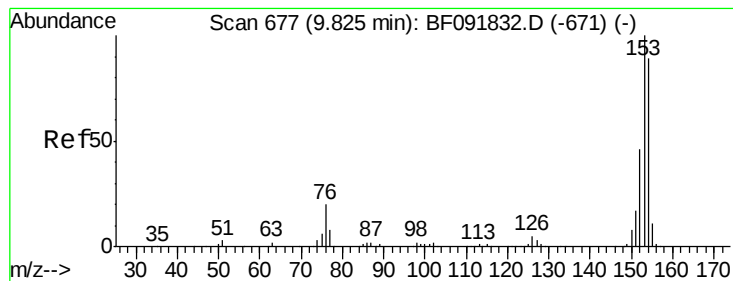
#50
2,6-Dinitrotoluene
Concen: 36.38 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:165 Resp: 229251
Ion Ratio Lower Upper
165 100
63 69.1 36.2 54.4#
89 69.1 40.2 60.4#



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





#51

Acenaphthene

Concen: 37.19 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

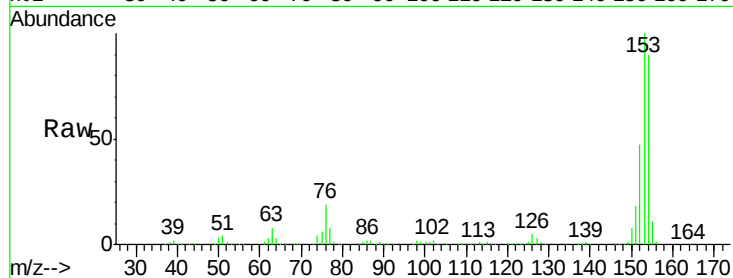
Tgt Ion:154 Resp: 946265

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

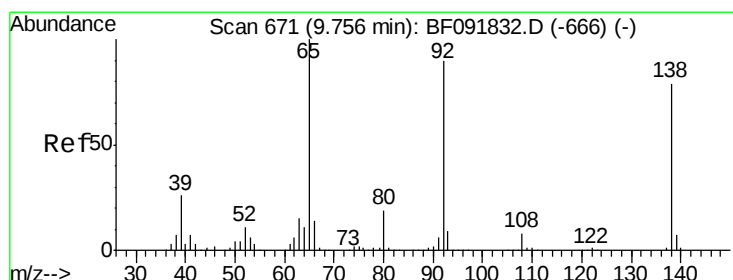
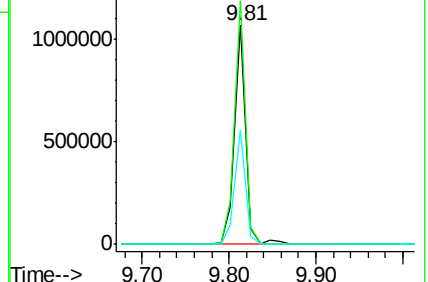
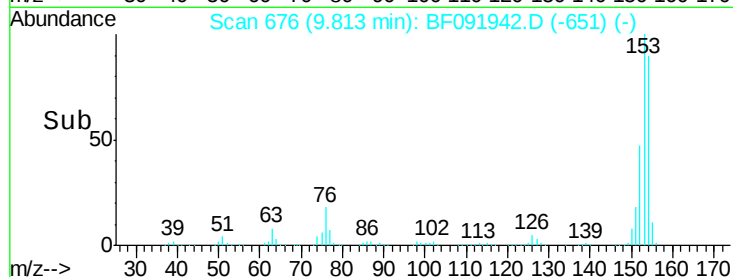
152 52.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.44 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

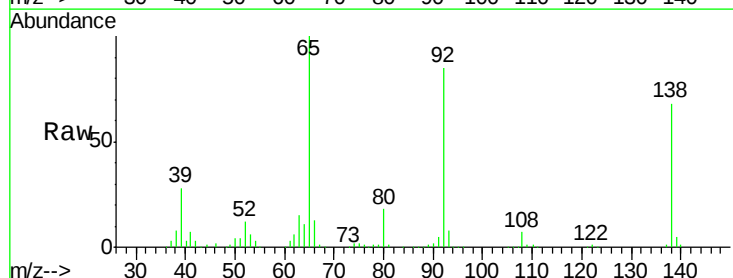
Tgt Ion:138 Resp: 276374

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

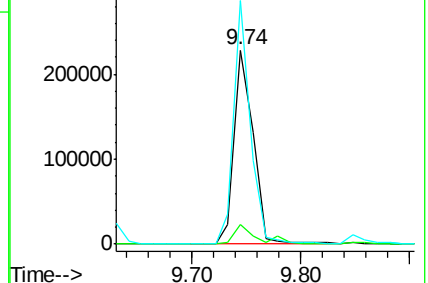
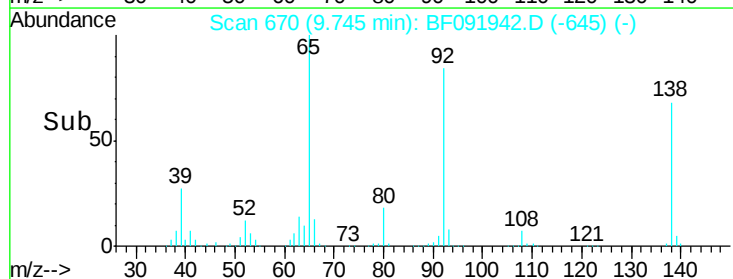
92 125.5 97.8 146.8

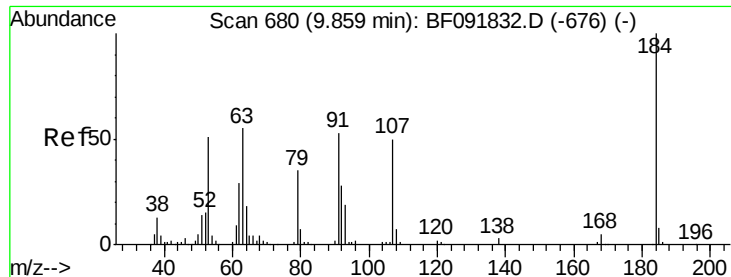


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 11.86 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

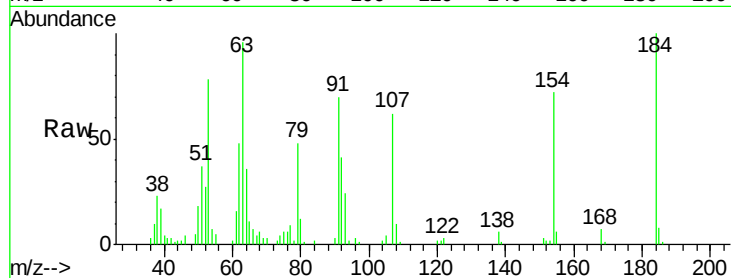
Tgt Ion:184 Resp: 41568

Ion Ratio Lower Upper

184 100

63 96.5 28.4 42.6#

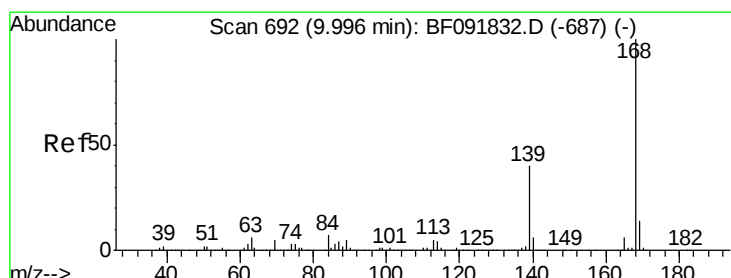
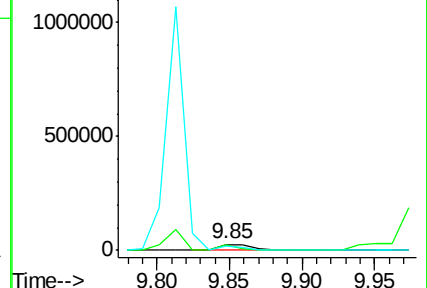
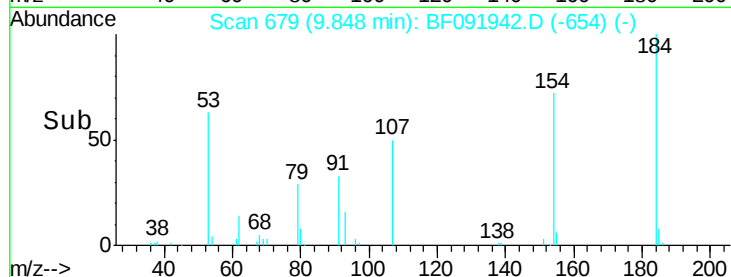
154 72.2 44.3 66.5#



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: 36.75 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

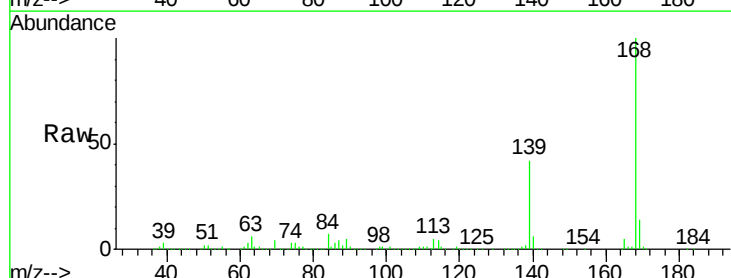
Tgt Ion:168 Resp: 1262949

Ion Ratio Lower Upper

168 100

139 42.0 32.6 49.0

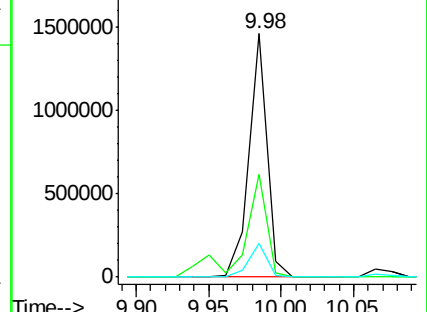
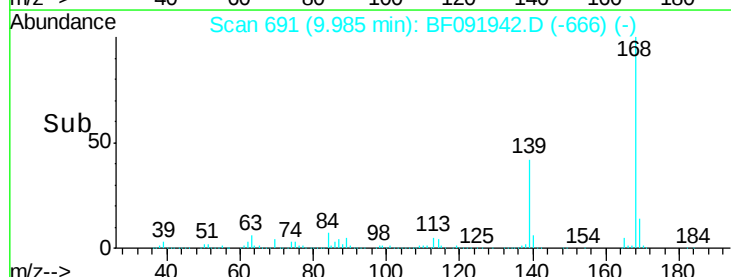
169 13.8 11.3 16.9

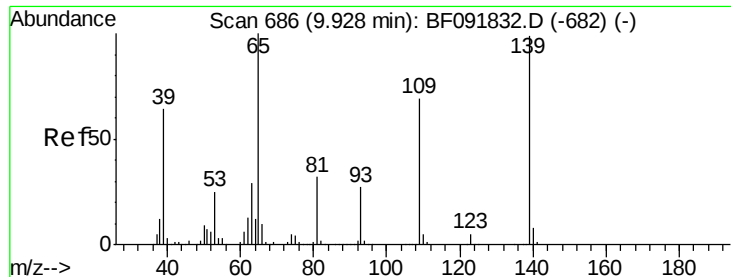


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 131.99 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.06 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

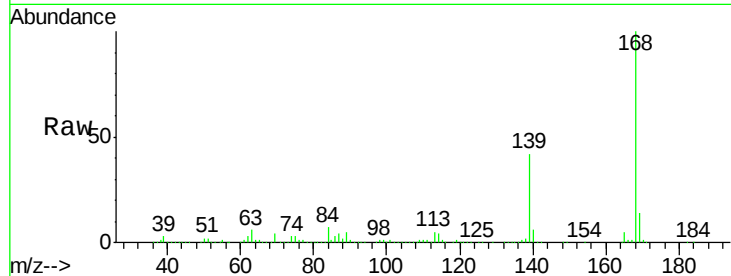
Tgt Ion:139 Resp: 698809

Ion Ratio Lower Upper

139 100

109 1.3 52.2 92.2#

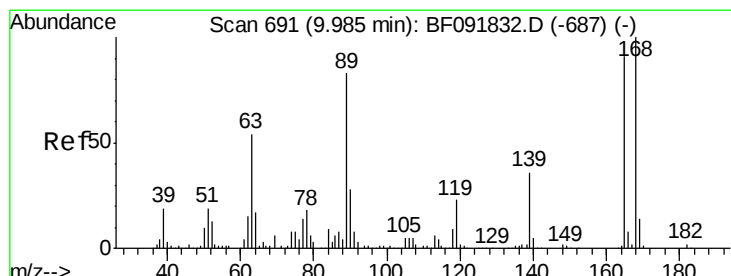
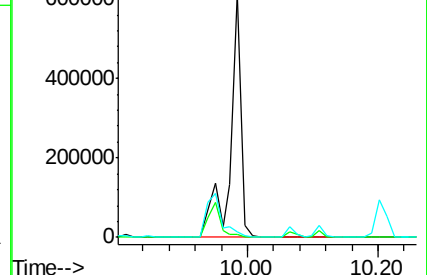
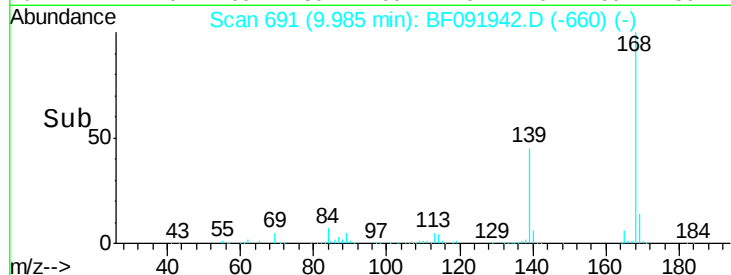
65 2.5 85.8 125.8#



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: 35.40 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:165 Resp: 279980

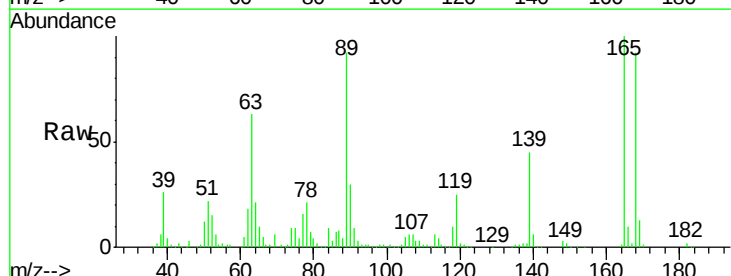
Ion Ratio Lower Upper

165 100

63 62.9 40.2 60.4#

89 92.2 62.5 93.7

182 2.2 1.8 2.8

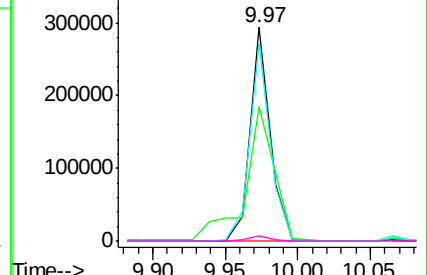
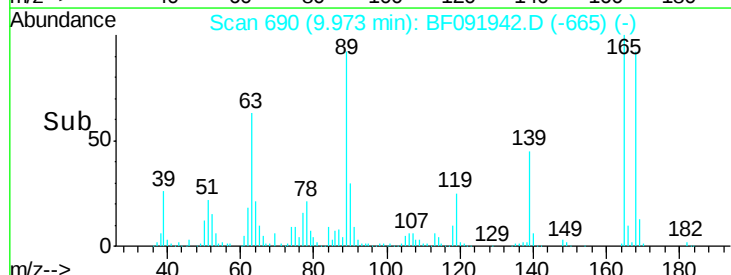


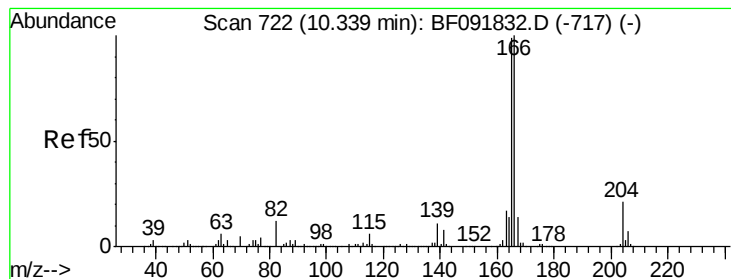
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.67 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

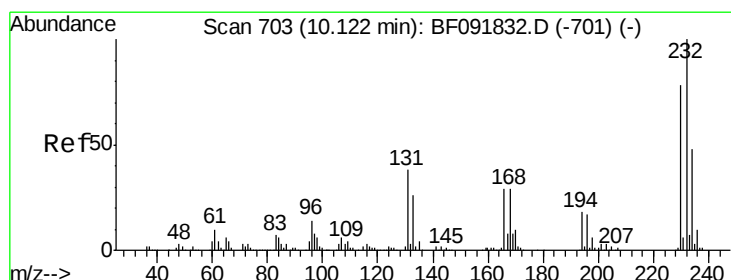
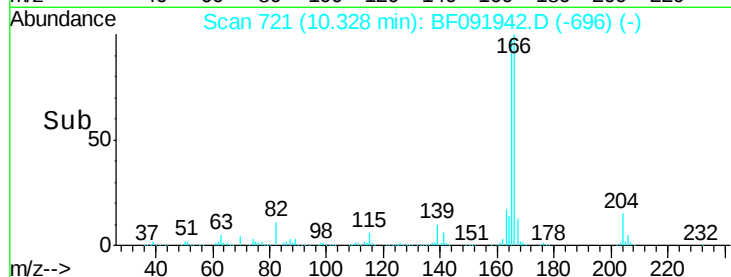
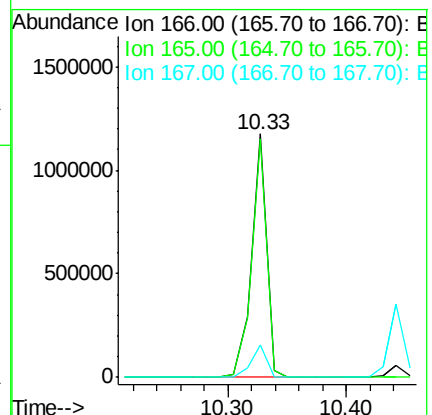
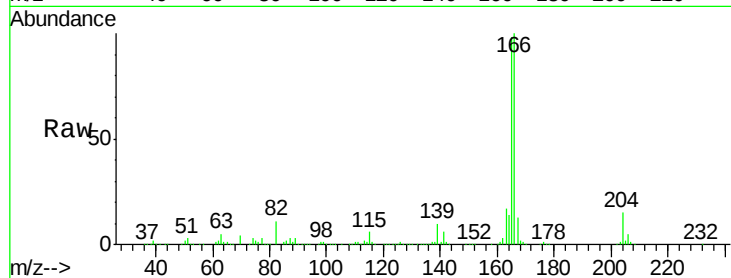
Tgt Ion:166 Resp: 1041704

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 13.4 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.55 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:232 Resp: 230105

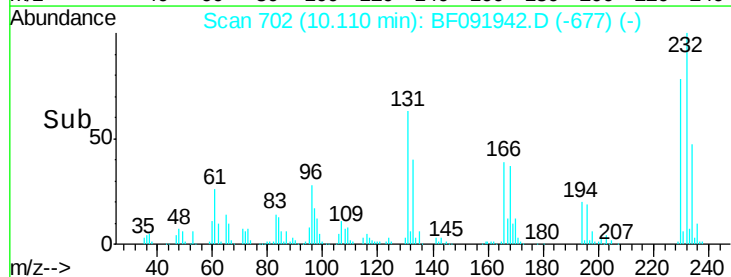
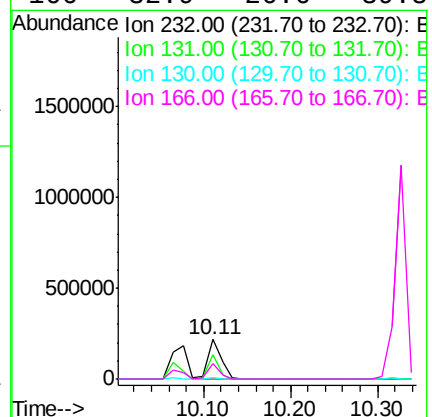
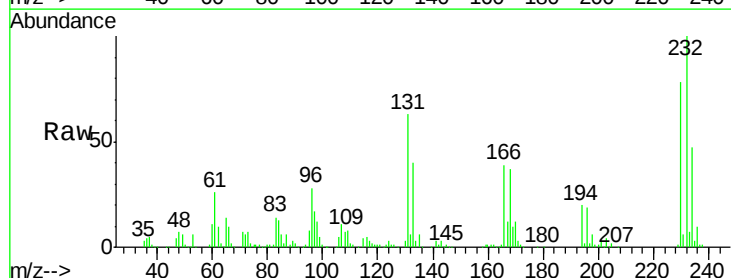
Ion Ratio Lower Upper

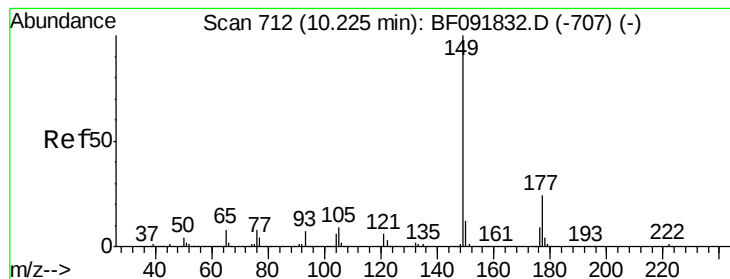
232 100

131 52.3 40.1 60.1

130 2.5 1.8 2.8

166 32.9 26.6 39.8





#59

Diethylphthalate

Concen: 40.88 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

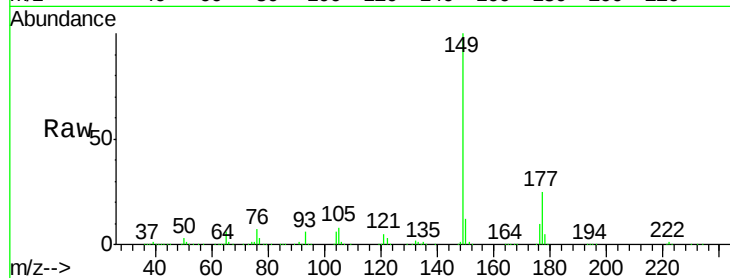
Tgt Ion:149 Resp: 1142932

Ion Ratio Lower Upper

149 100

177 24.9 16.6 25.0

150 12.1 10.4 15.6

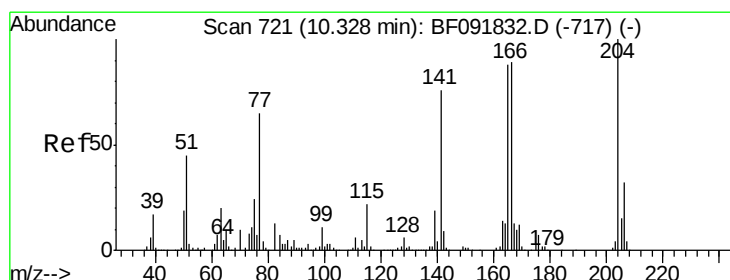
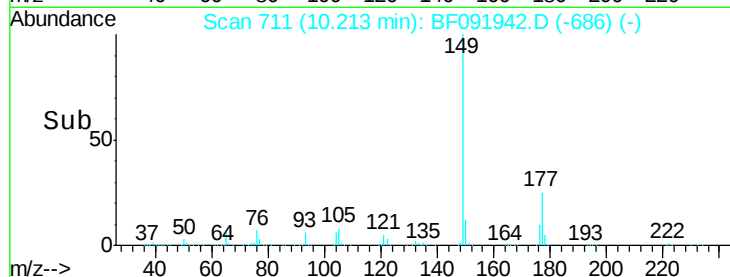


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time--> 10.10 10.20 10.30



#60

4-Chlorophenyl-phenylether

Concen: 39.14 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

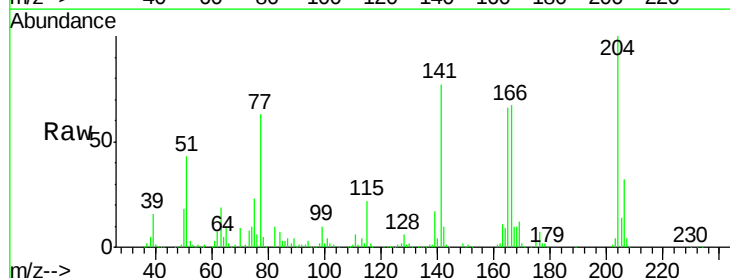
Tgt Ion:204 Resp: 428435

Ion Ratio Lower Upper

204 100

206 31.8 25.8 38.6

141 77.1 59.4 89.0

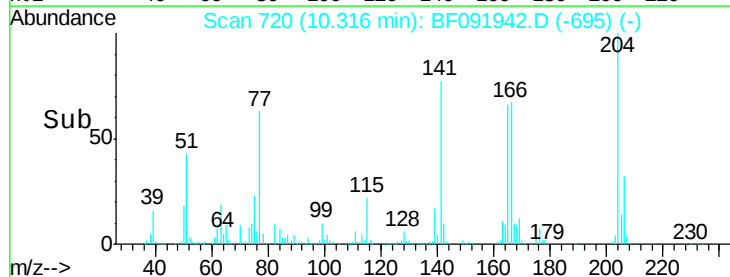


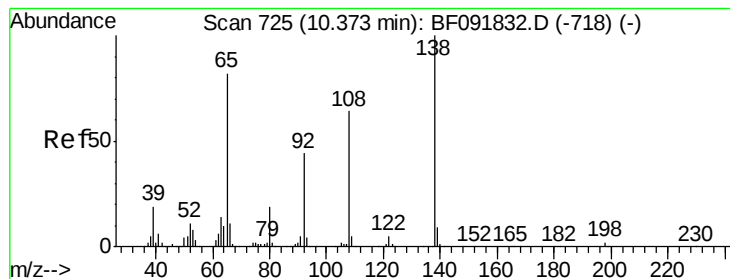
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.25 10.30 10.35





#61

4-Nitroaniline

Concen: 34.47 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

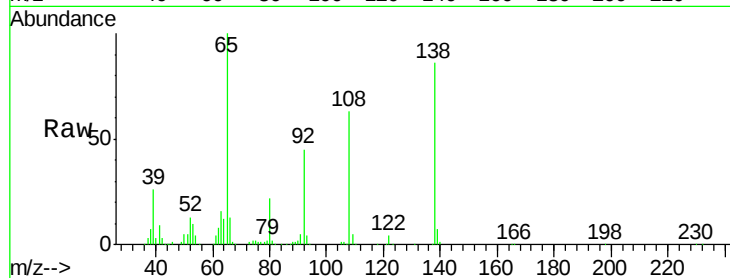
Tgt Ion:138 Resp: 278490

Ion Ratio Lower Upper

138 100

92 52.2 31.7 71.7

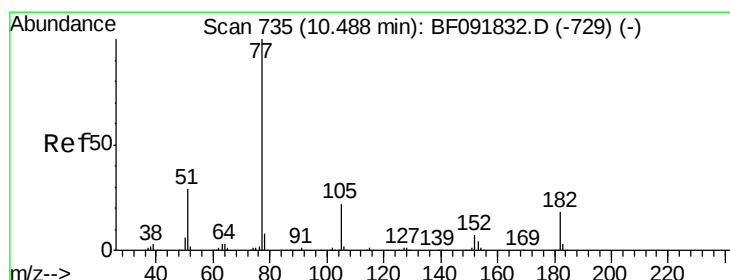
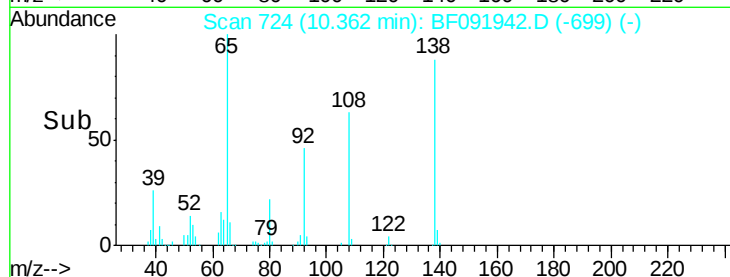
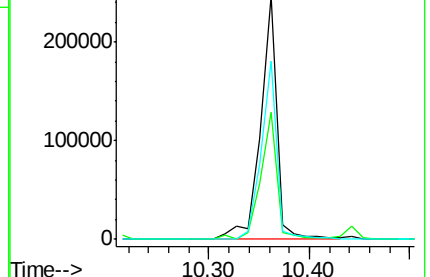
108 73.2 52.6 92.6



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: 37.42 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion: 77 Resp: 1151675

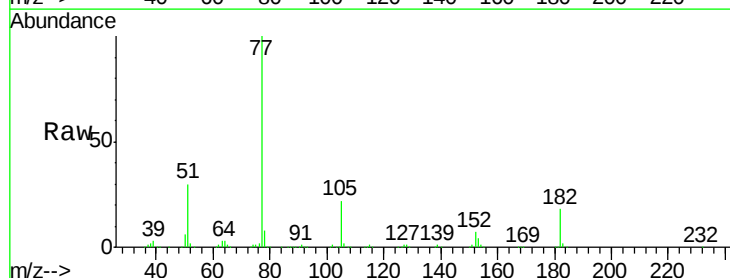
Ion Ratio Lower Upper

77 100

182 18.5 0.0 39.3

105 22.0 2.3 42.3

51 29.6 8.9 48.9

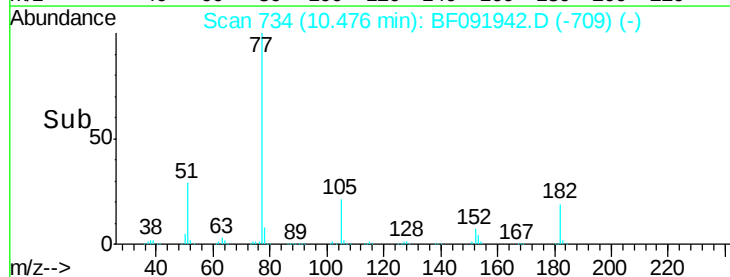
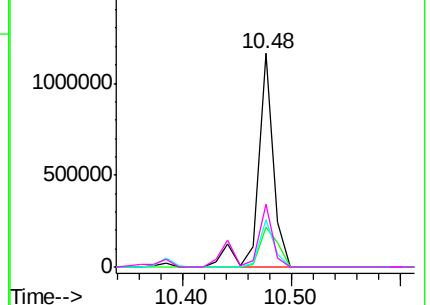


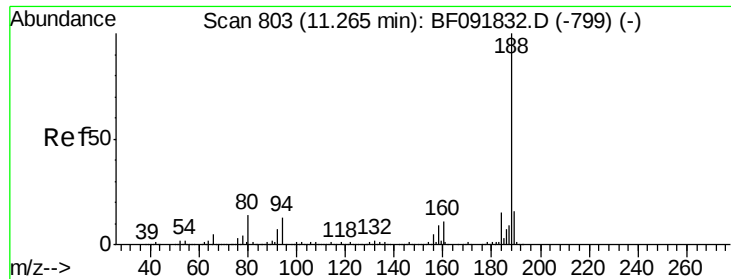
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

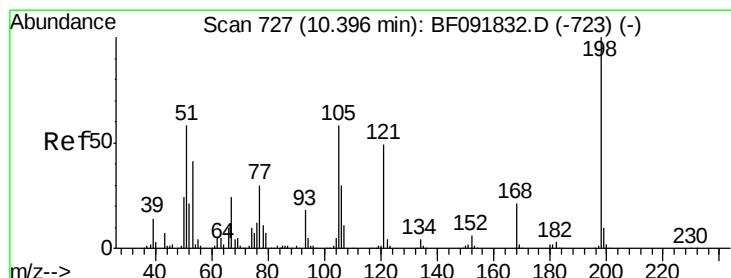
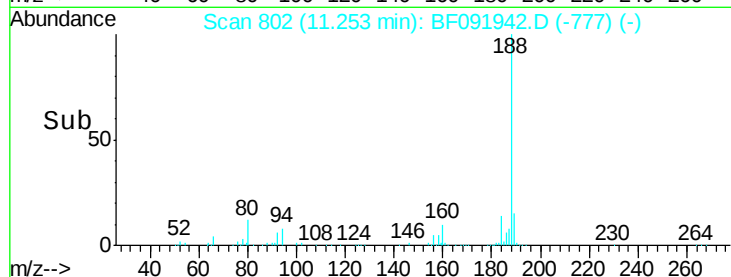
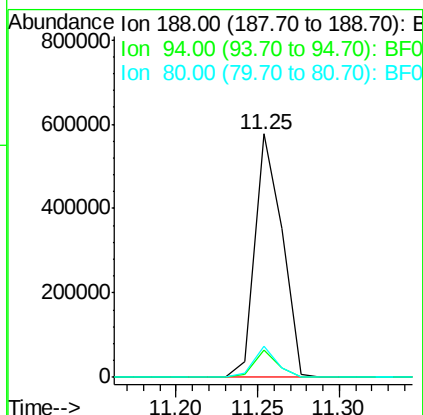
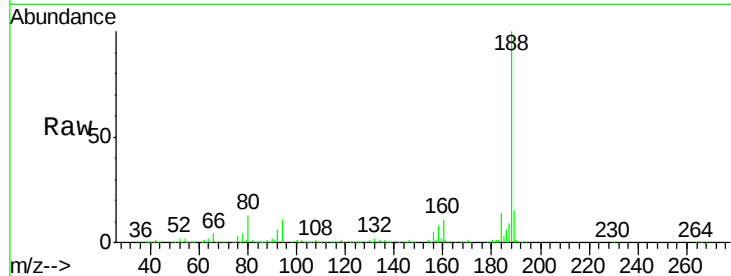




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

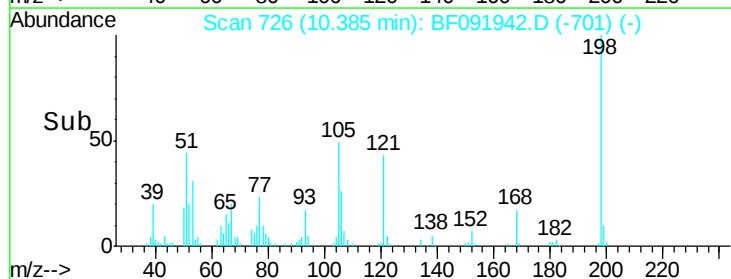
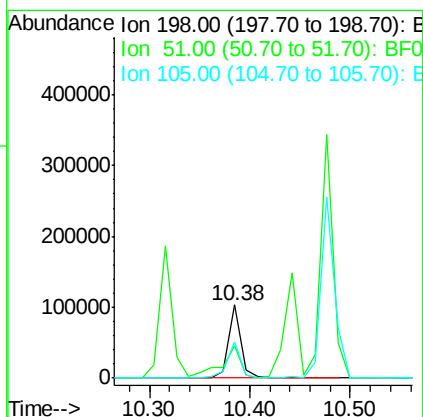
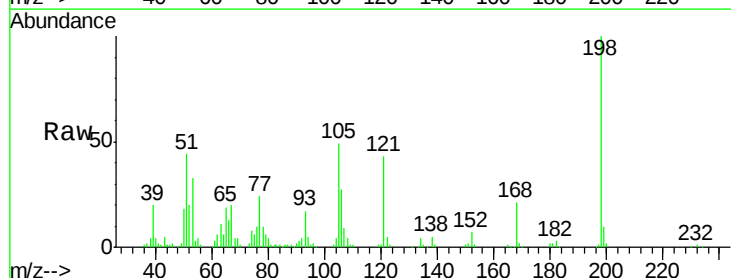
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

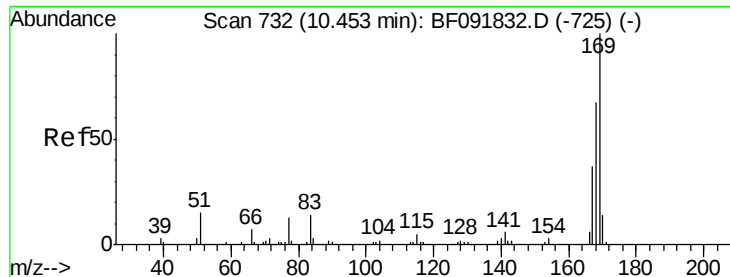
Tgt Ion:188 Resp: 670926
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 22.04 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:198 Resp: 89419
Ion Ratio Lower Upper
198 100
51 43.6 6.7 46.7
105 49.4 16.6 56.6

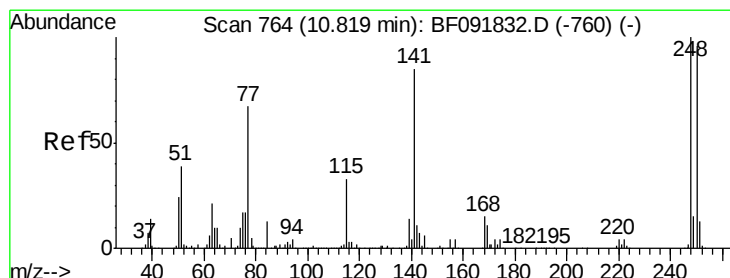
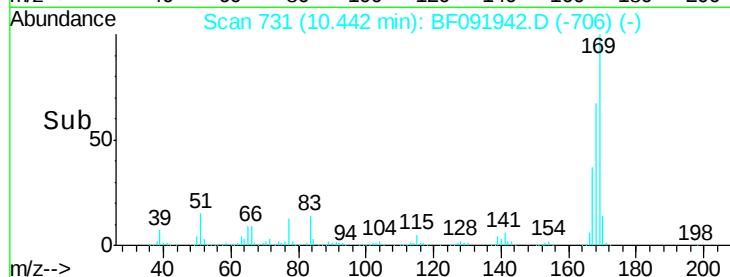
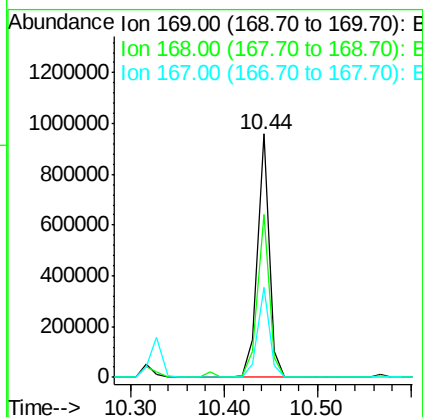
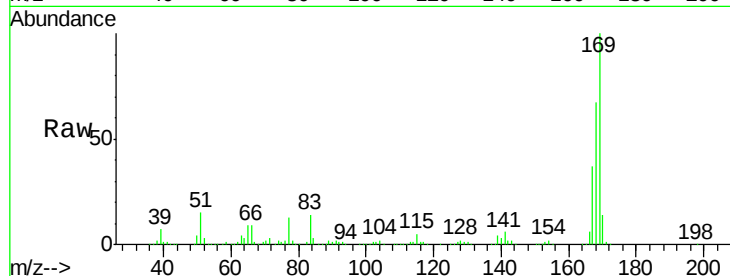




#65
n-Nitrosodiphenylamine
Concen: 42.37 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

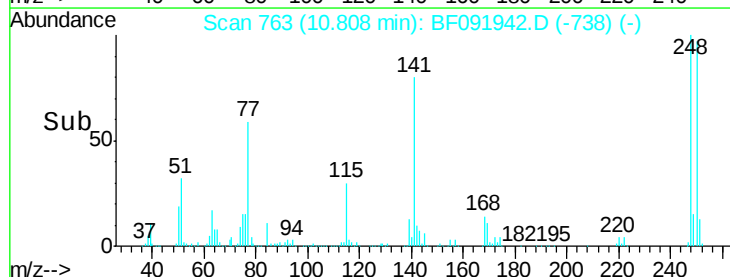
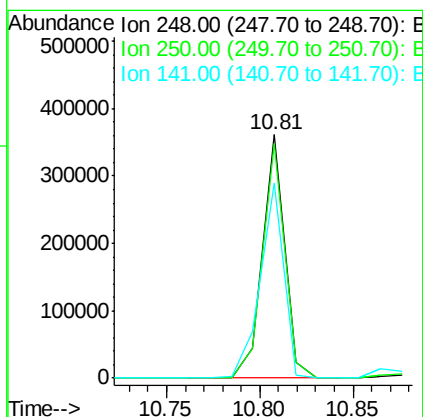
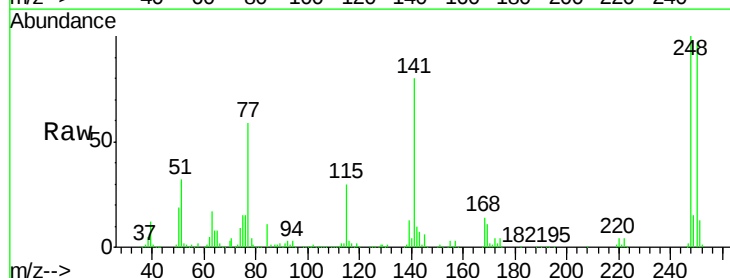
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

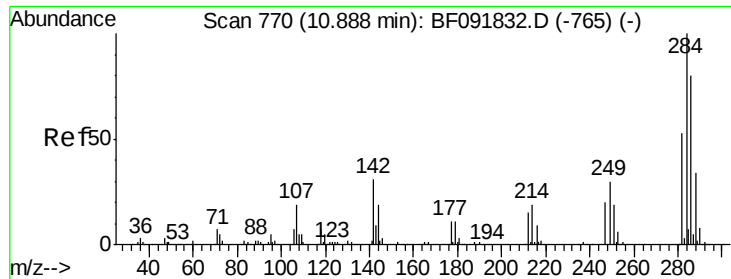
Tgt Ion:169 Resp: 843519
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 37.1 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 42.42 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:248 Resp: 296030
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 80.0 68.2 102.4

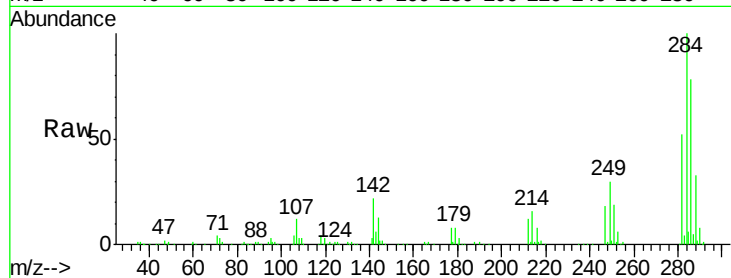




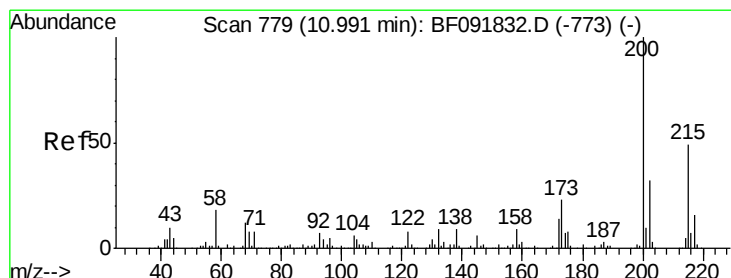
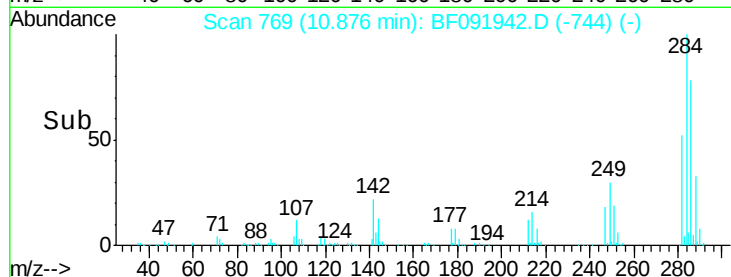
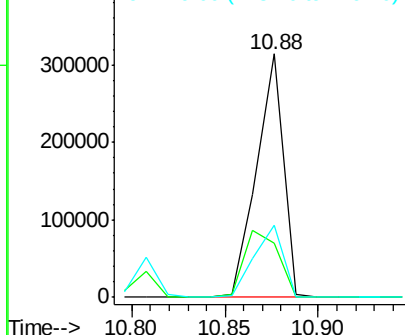
#67
Hexachlorobenzene
Concen: 41.81 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 311929
Ion Ratio Lower Upper
284 100
142 22.1 22.6 33.8#
249 29.6 25.4 38.0

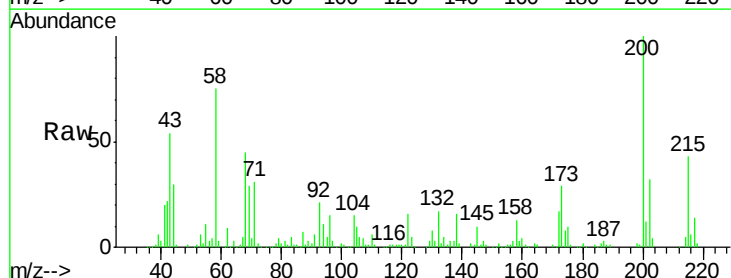


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

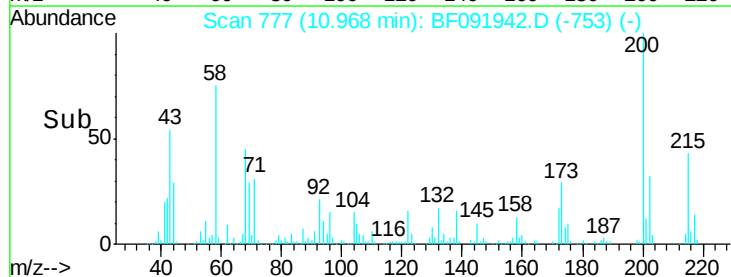
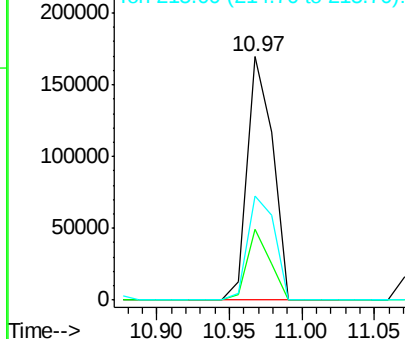


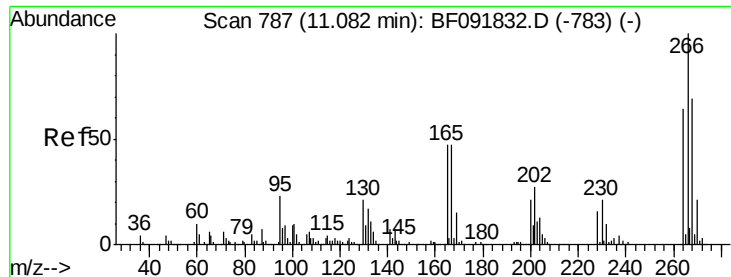
#68
Atrazine
Concen: 32.13 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:200 Resp: 206359
Ion Ratio Lower Upper
200 100
173 29.3 9.6 49.6
215 42.5 25.7 65.7



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

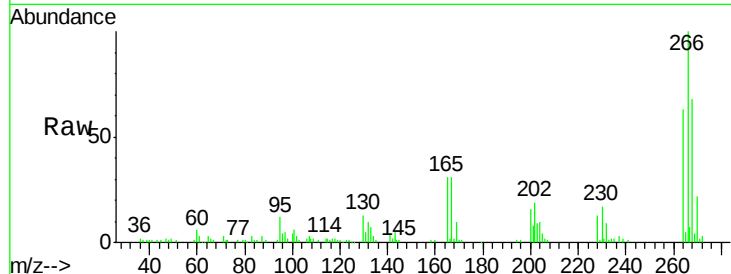




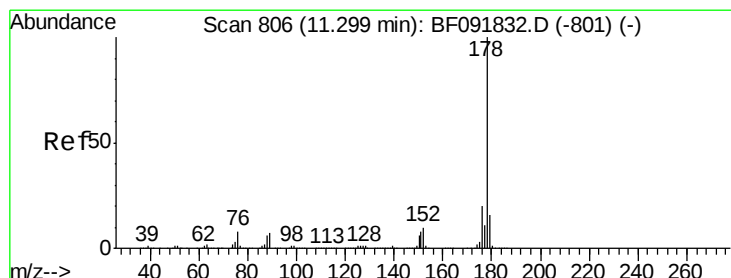
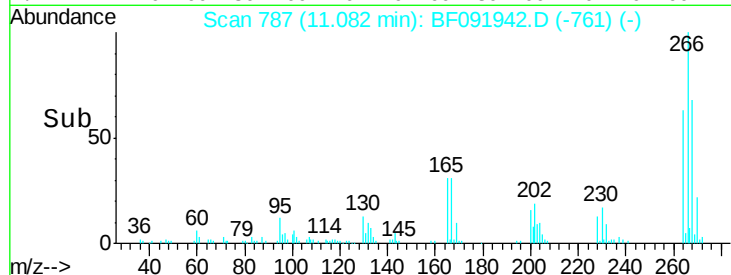
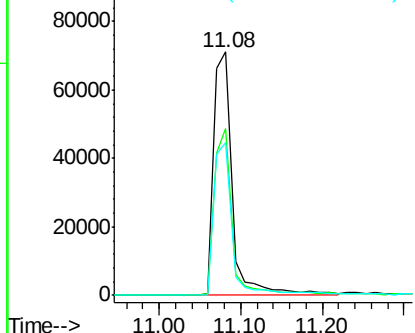
#69
 Pentachlorophenol
 Concen: 31.25 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 114393
 Ion Ratio Lower Upper
 266 100
 268 68.4 53.3 79.9
 264 62.8 50.3 75.5

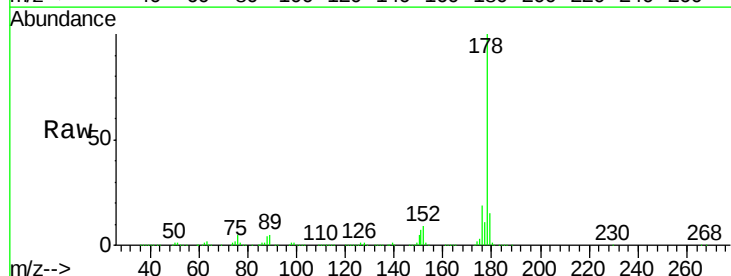


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

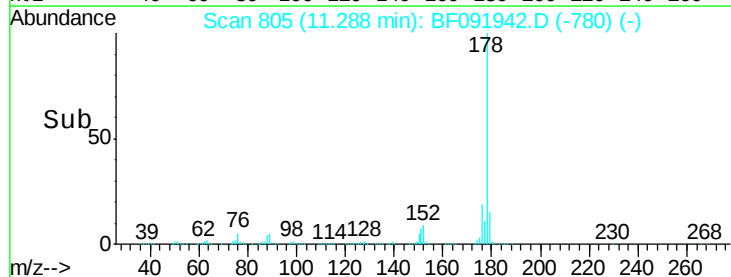
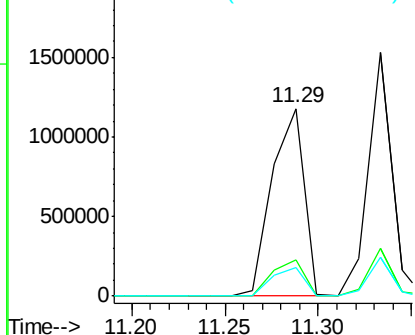


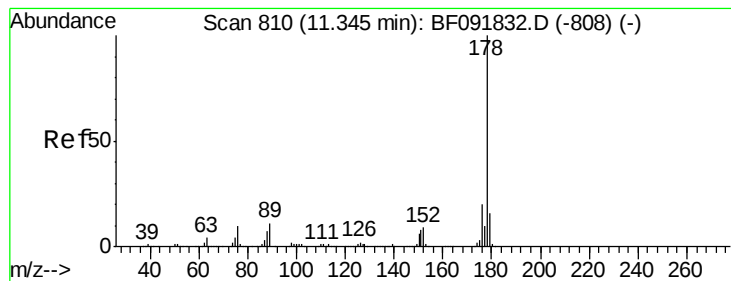
#70
 Phenanthrene
 Concen: 38.78 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:178 Resp: 1410846
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.3 12.8 19.2



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





#71

Anthracene

Concen: 39.70 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

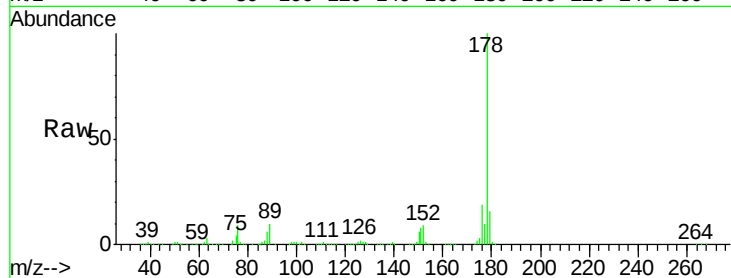
Tgt Ion:178 Resp: 1332740

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

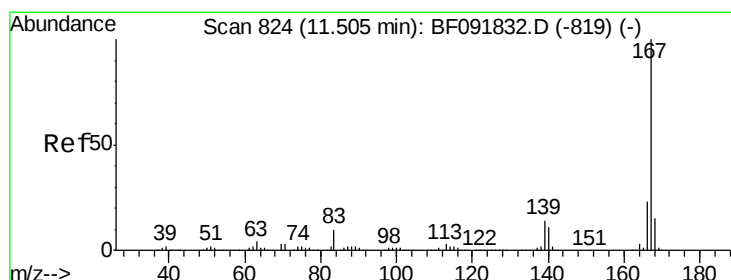
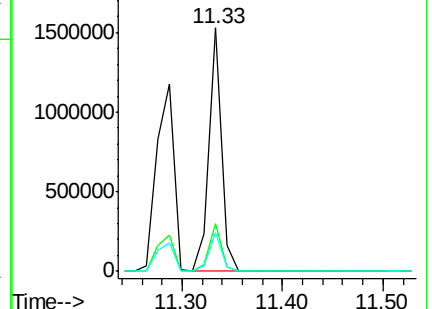
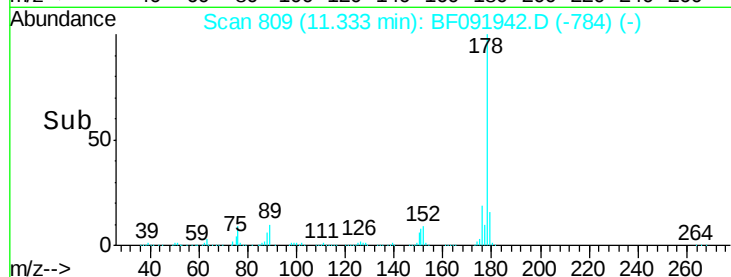
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.74 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

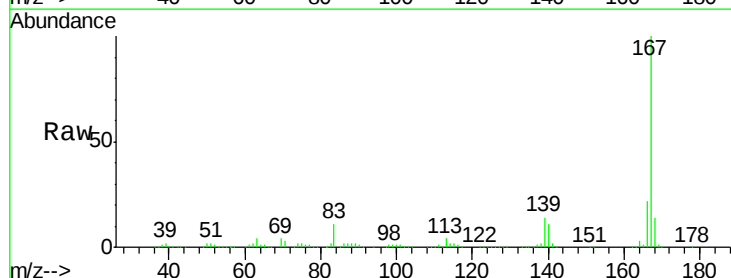
Tgt Ion:167 Resp: 1146476

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

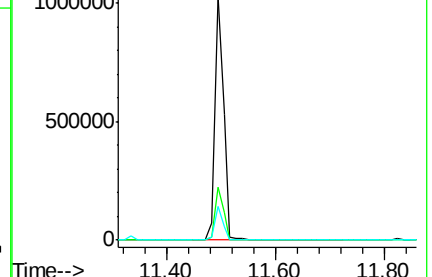
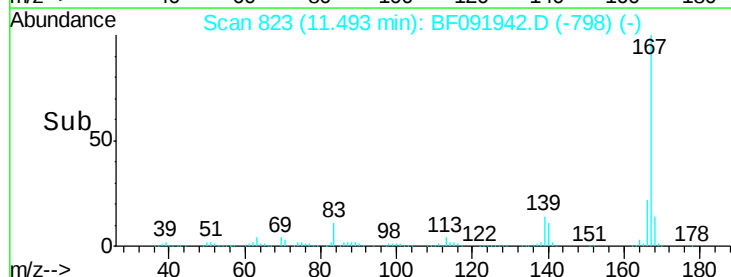
139 14.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.83 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

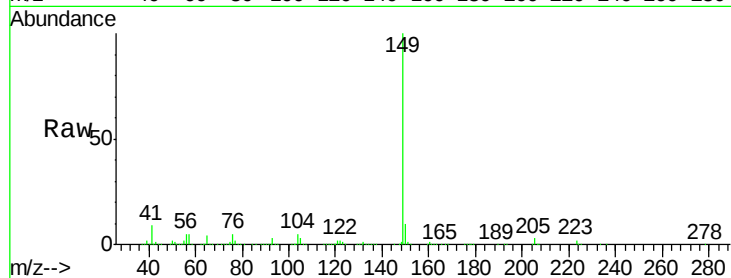
Tgt Ion:149 Resp: 1545918

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

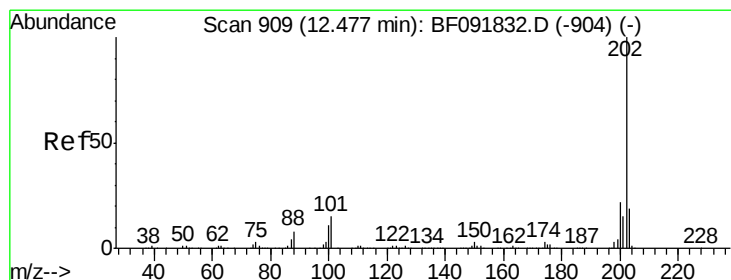
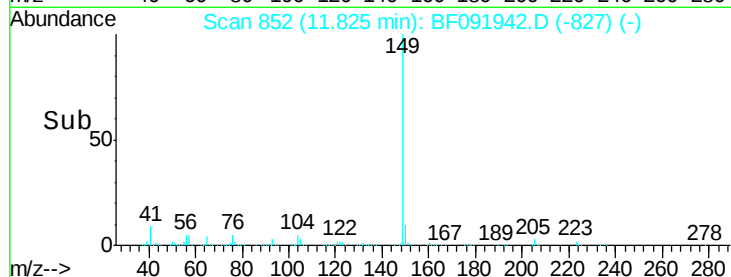
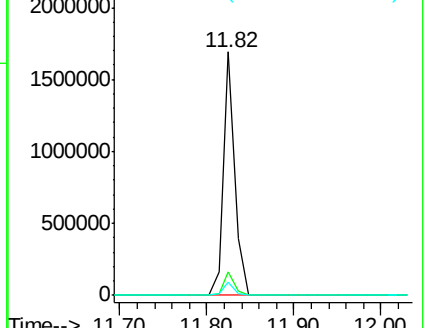
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.39 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

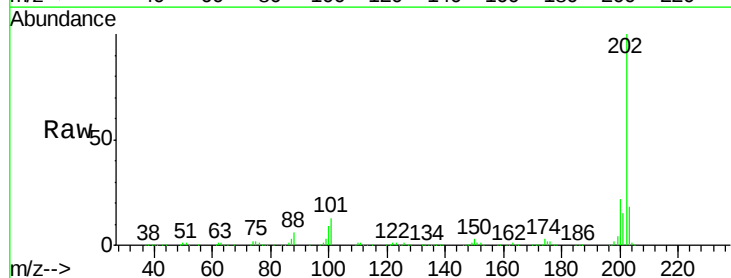
Tgt Ion:202 Resp: 1184944

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

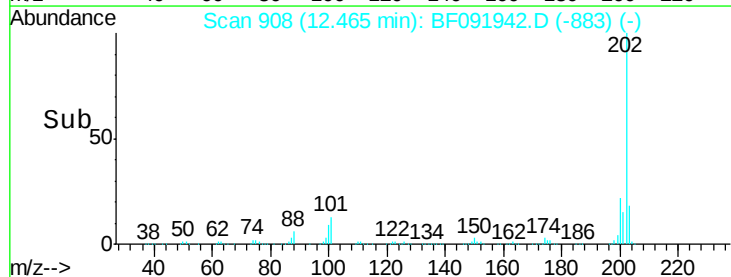
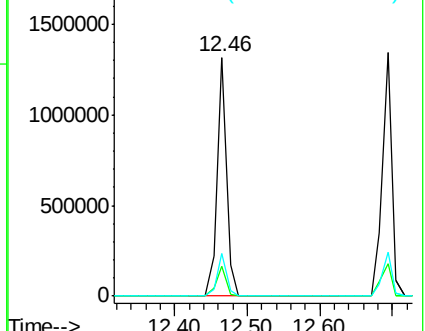
203 18.1 0.0 38.7

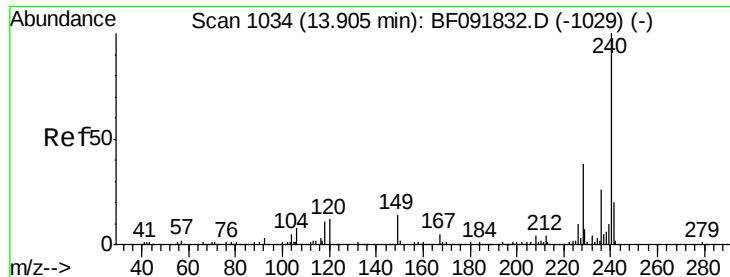


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

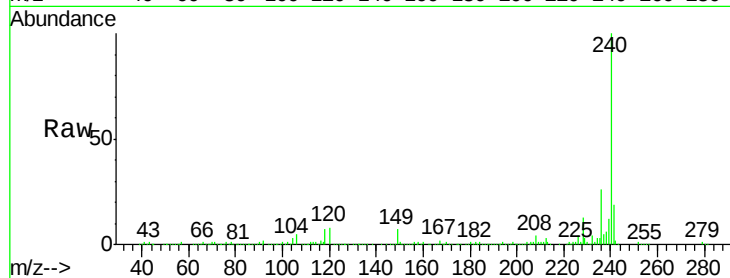
Tgt Ion:240 Resp: 431163

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

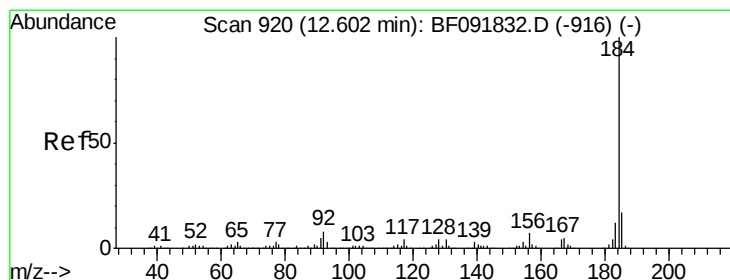
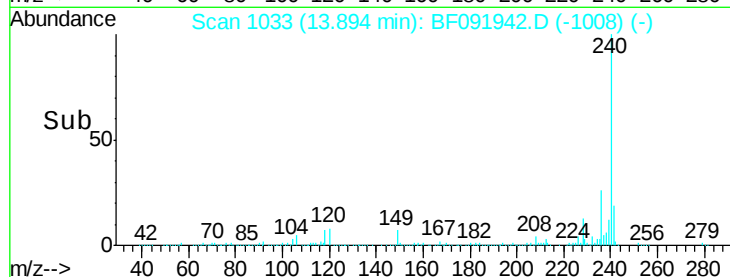
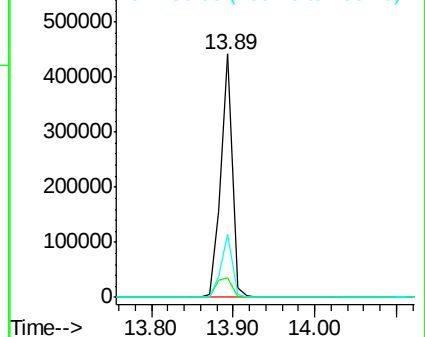
236 25.9 20.9 31.3



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: 30.57 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

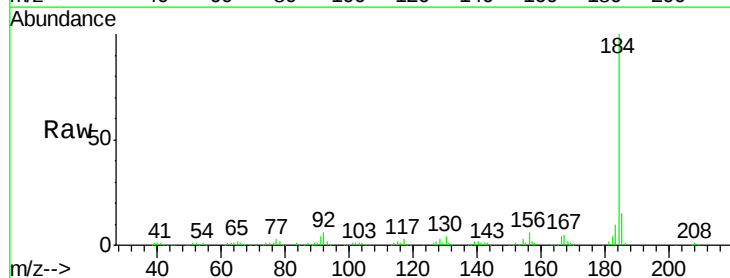
Tgt Ion:184 Resp: 363521

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

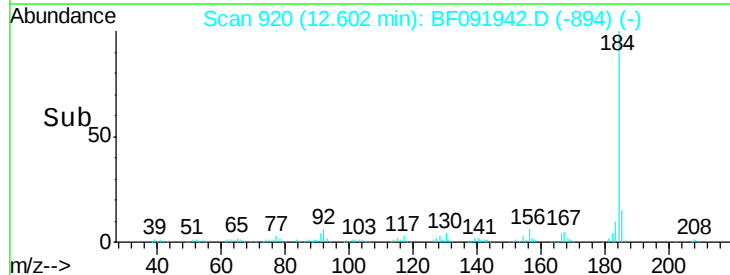
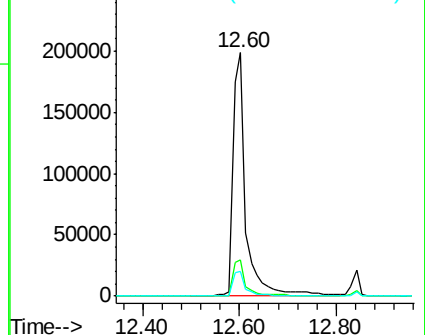
183 10.3 9.2 13.8

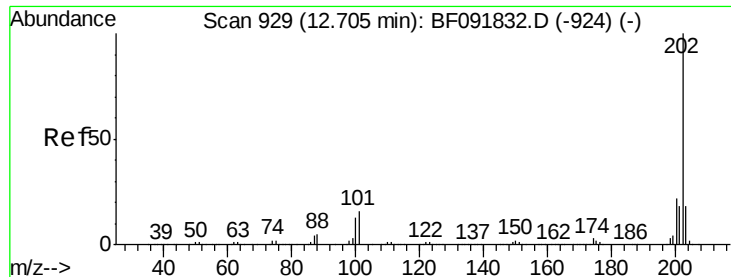


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

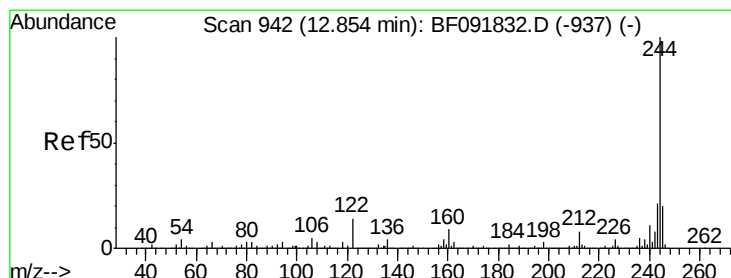
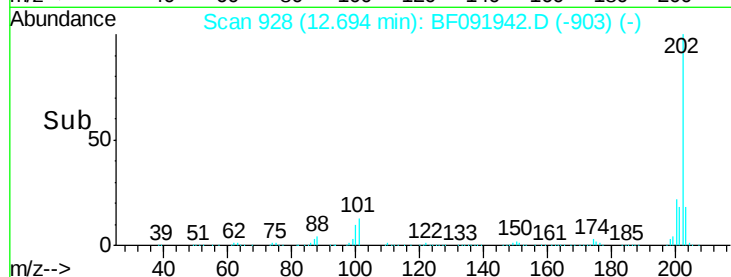
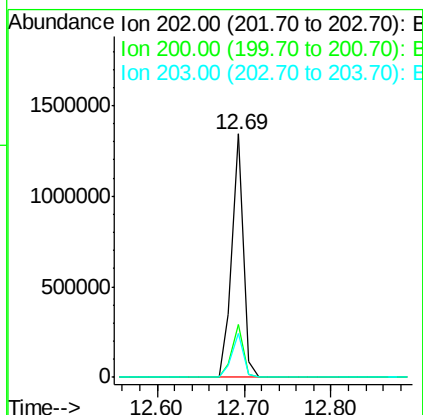
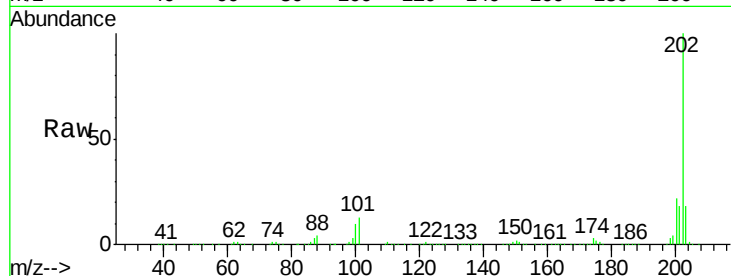




#77
 Pyrene
 Concen: 38.85 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

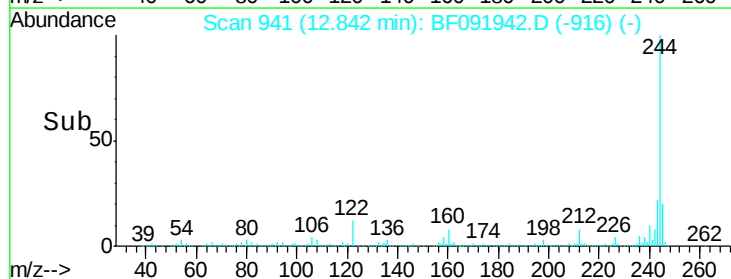
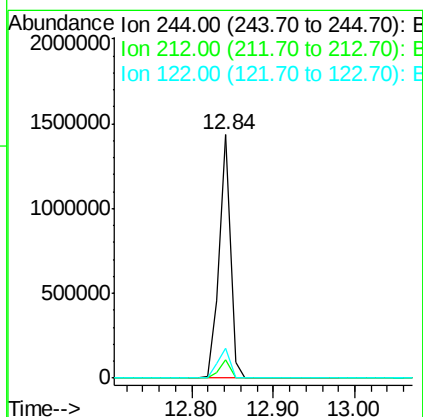
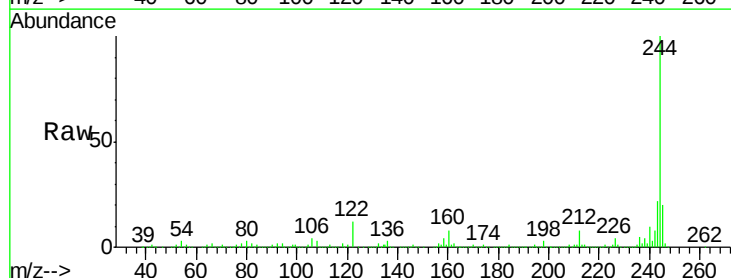
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

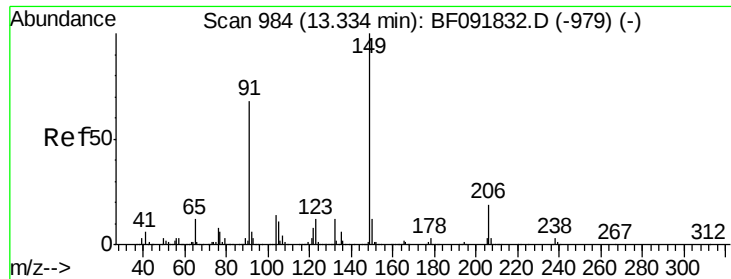
Tgt Ion: 202 Resp: 1228876
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 77.66 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 244 Resp: 1380638
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.0 11.4 17.2

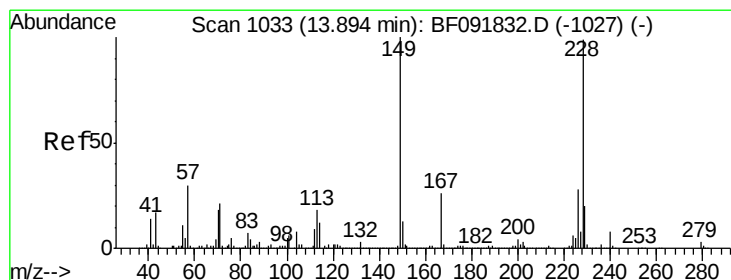
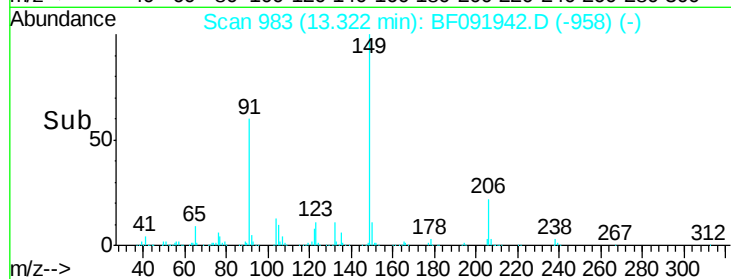
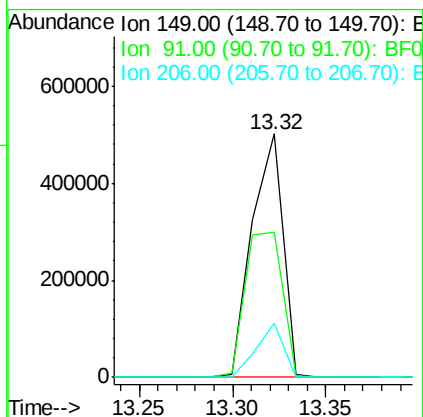
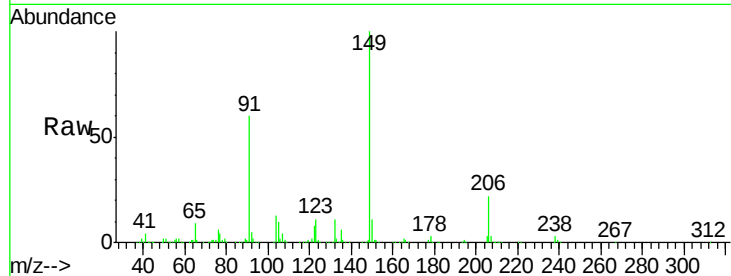




#79
Butylbenzylphthalate
Concen: 40.03 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

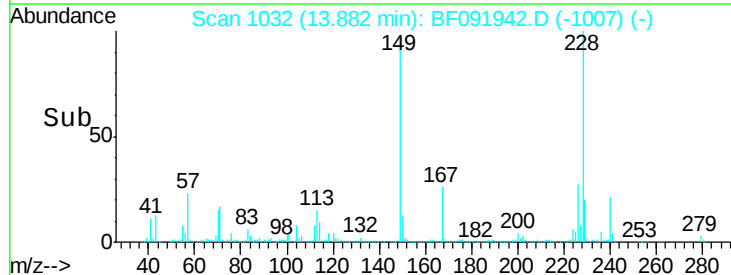
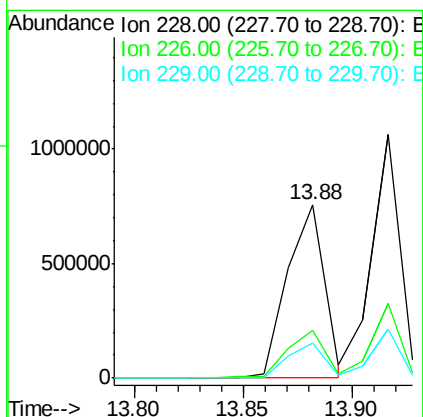
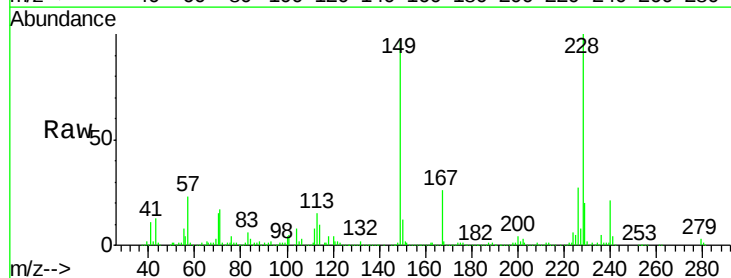
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 575907
Ion Ratio Lower Upper
149 100
91 59.8 63.9 95.9#
206 22.0 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 37.27 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:228 Resp: 906990
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 19.8 16.2 24.4

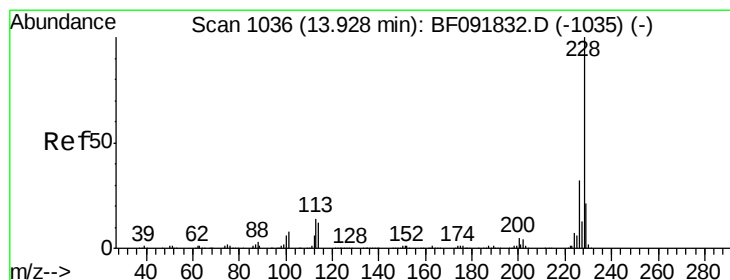
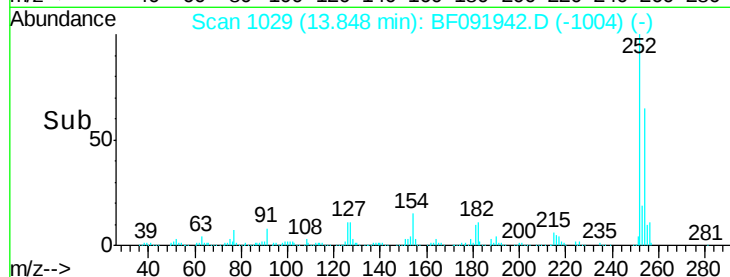
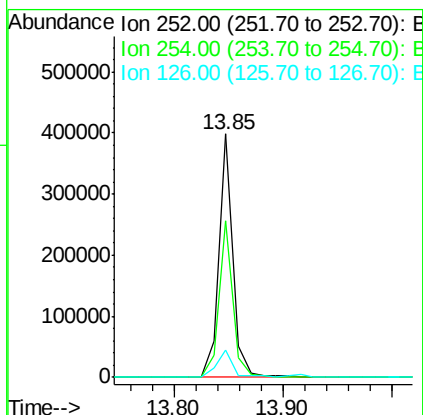
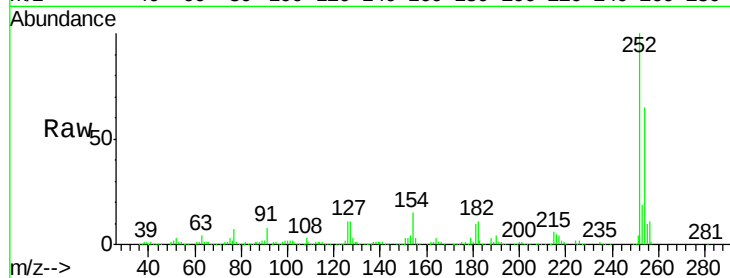




#81
 3,3'-Dichlorobenzidine
 Concen: 39.24 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

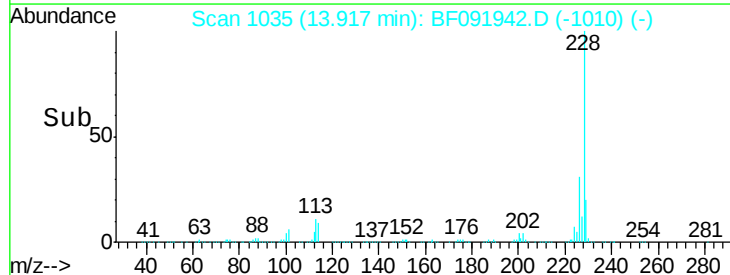
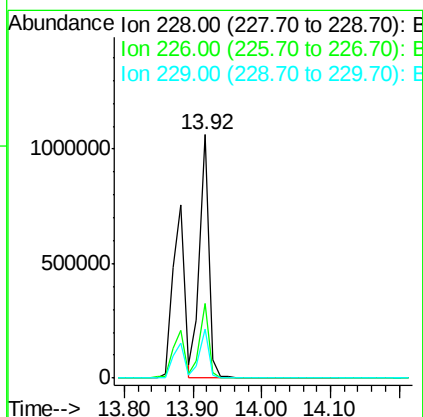
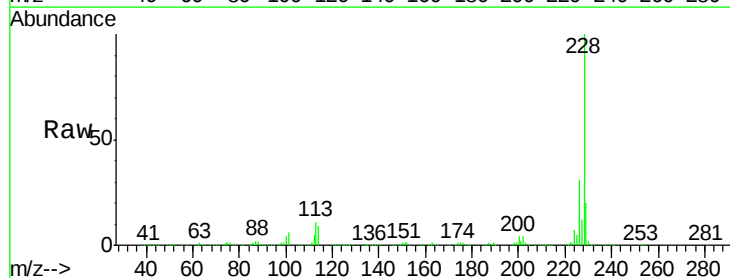
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 362119
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 11.3 13.6 20.4#



#82
 Chrysene
 Concen: 39.84 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:228 Resp: 972586
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.97 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

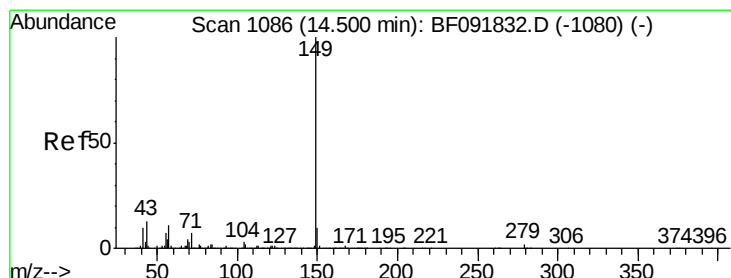
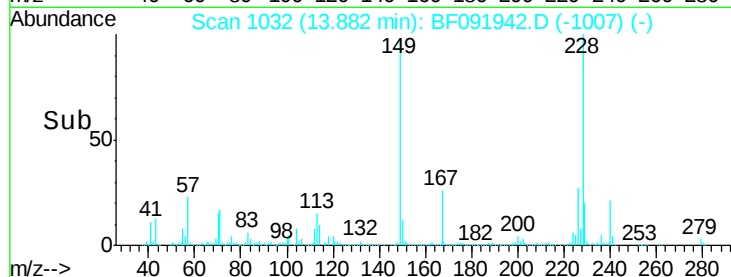
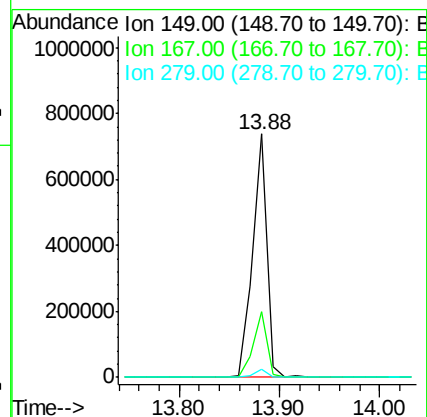
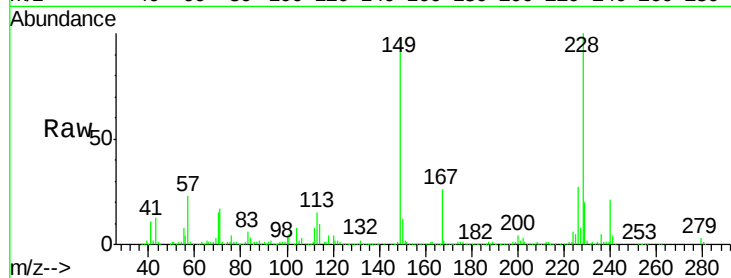
Tgt Ion:149 Resp: 728091

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

279 3.4 1.8 2.8#



#84

Di-n-octyl phthalate

Concen: 39.49 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

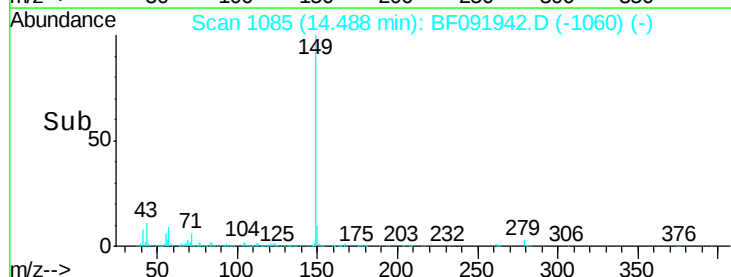
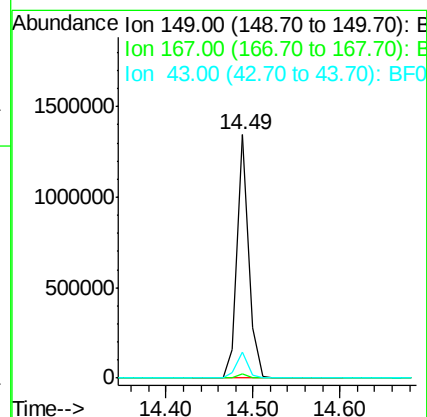
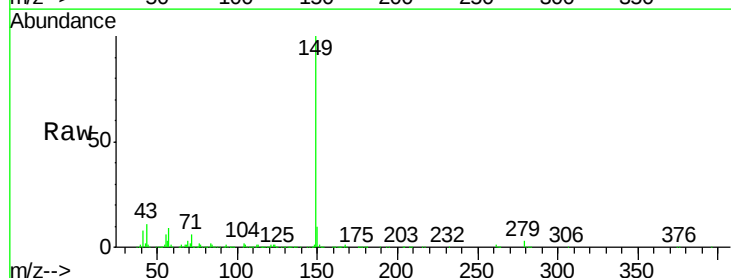
Tgt Ion:149 Resp: 1239376

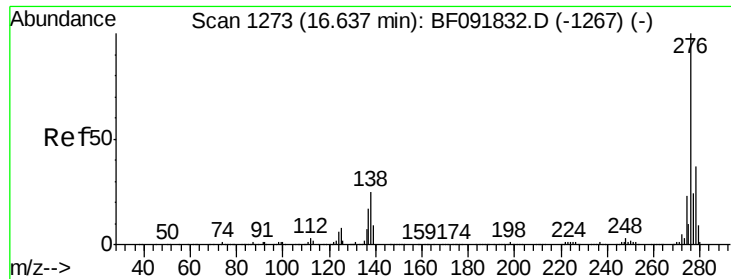
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.7 8.9 13.3

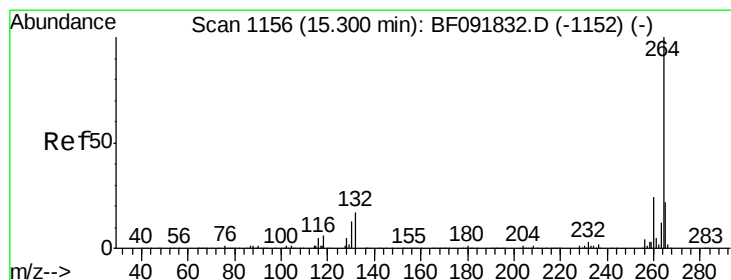
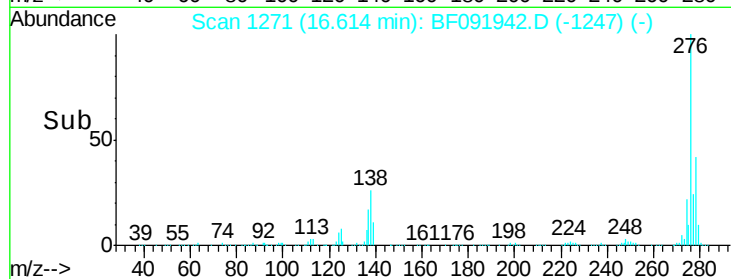
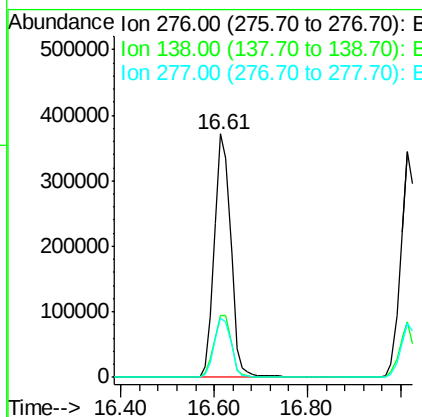
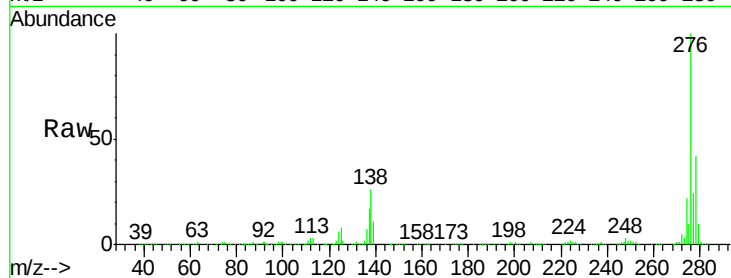




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.27 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

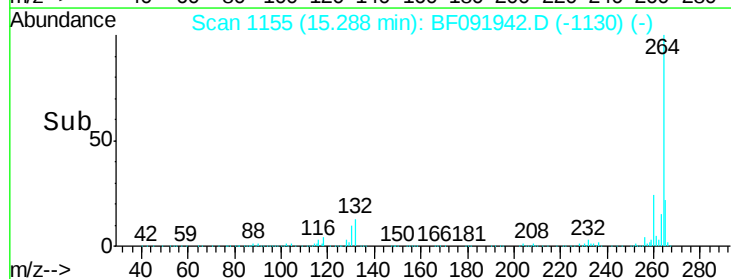
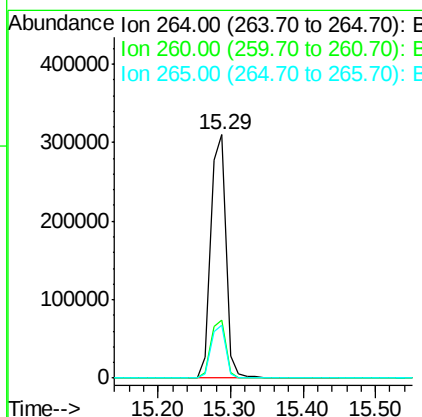
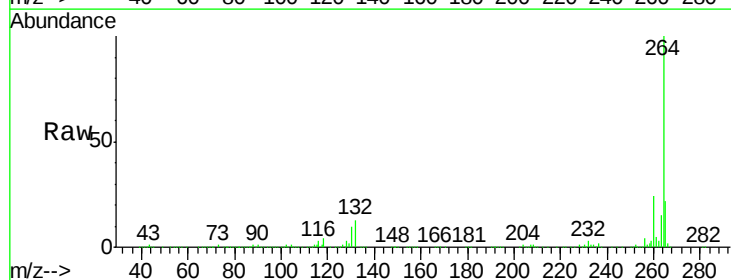
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

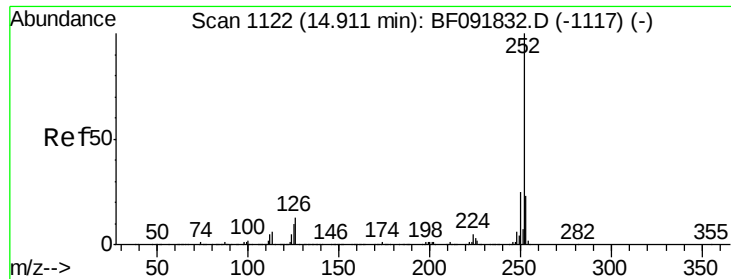
Tgt Ion: 276 Resp: 915064
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 264 Resp: 451397
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.9 17.4 26.0

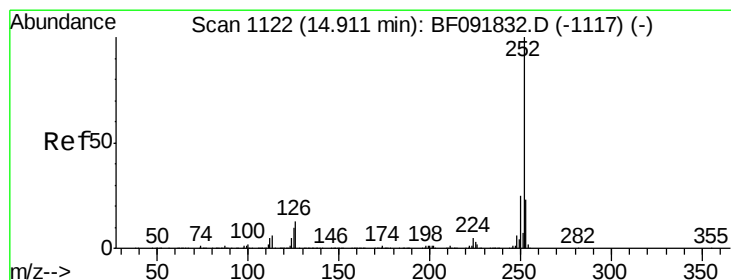
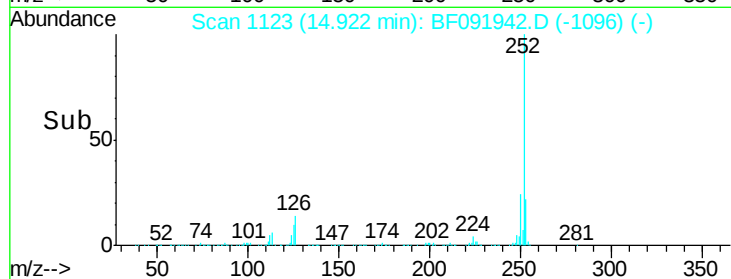
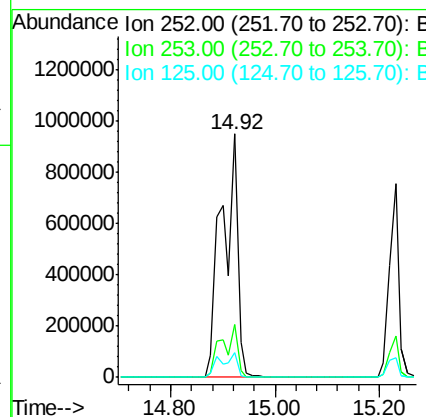
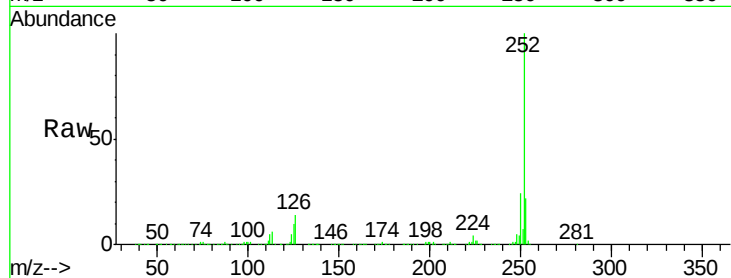




#87
Benzo(b)fluoranthene
Concen: 71.32 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

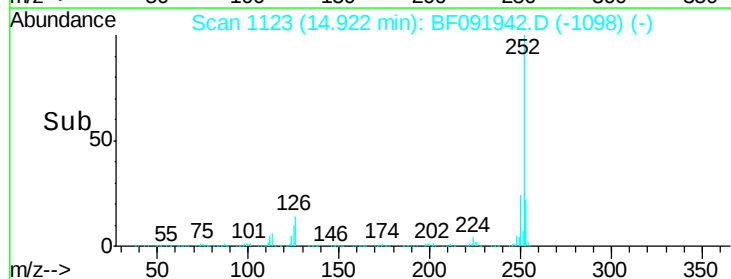
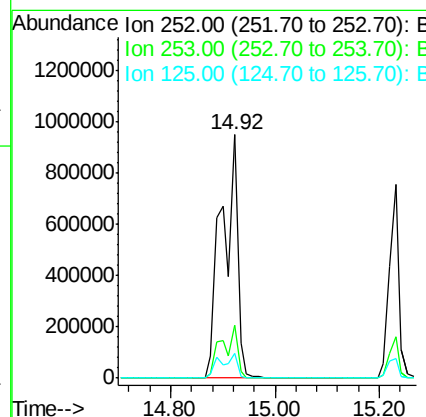
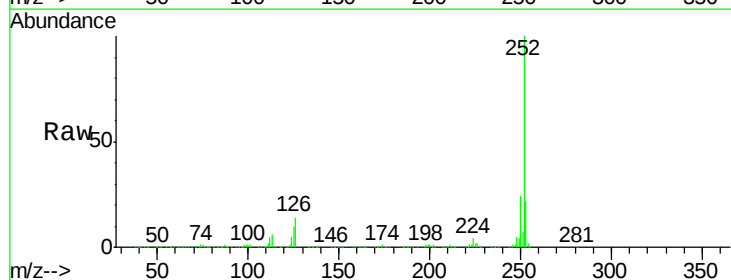
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2004222
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 10.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 83.63 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:252 Resp: 2004222
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 10.0 8.9 13.3

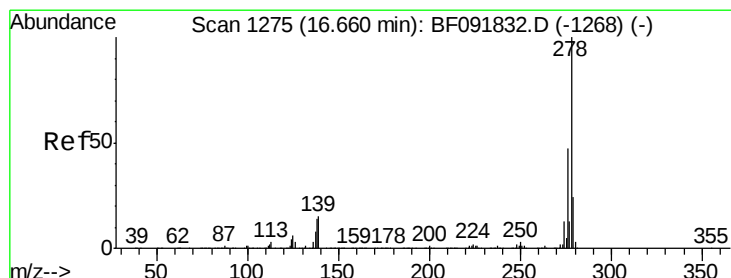
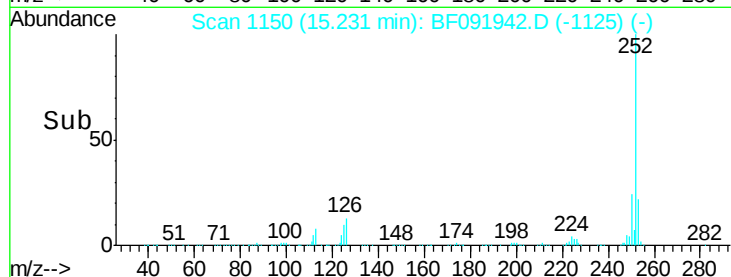
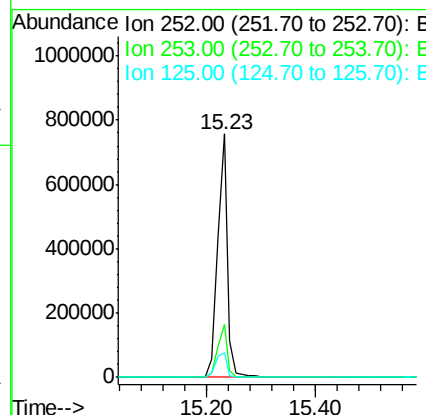
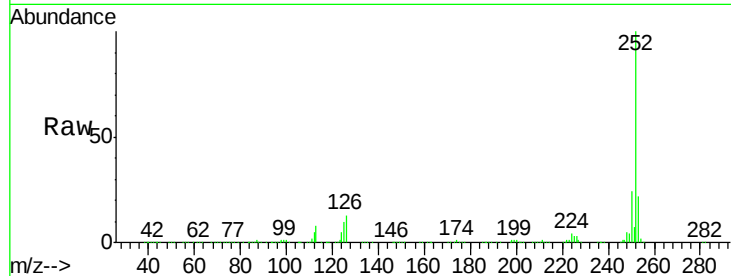




#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

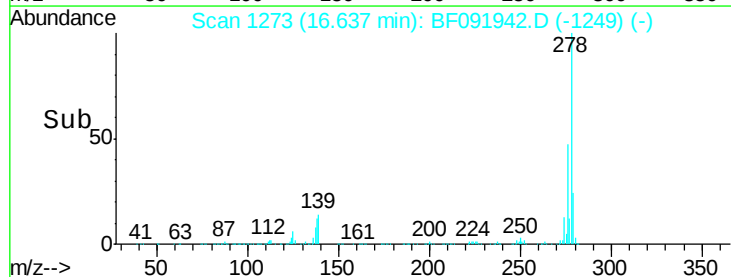
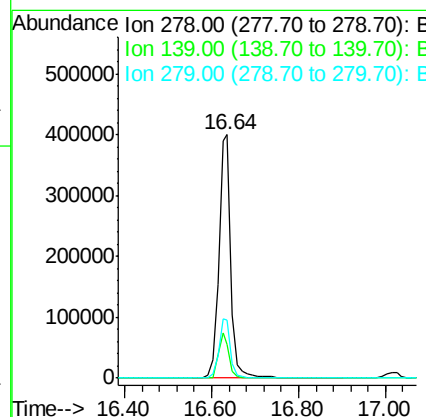
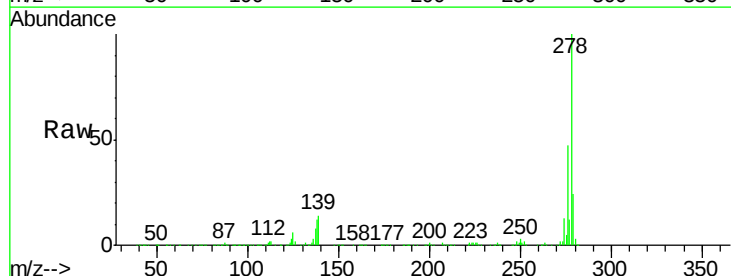
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

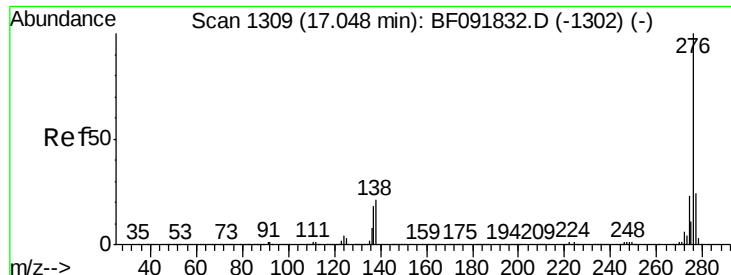
Tgt Ion: 252 Resp: 964360
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 10.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.54 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion: 278 Resp: 790207
Ion Ratio Lower Upper
278 100
139 13.7 14.8 22.2#
279 23.6 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 35.45 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	24.4	16.0	24.0

