

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083017.D
 Acq On : 18 Nov 2015 18:31
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 01:49:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223902	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	856642	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	460174	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	878427	20.00	ng	0.00
75) Chrysene-d12	13.88	240	845073	20.00	ng	-0.01
86) Perylene-d12	15.27	264	780907	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1126217	78.26	ng	0.00
7) Phenol-d6	6.40	99	1493755	78.08	ng	0.00
23) Nitrobenzene-d5	7.31	82	1481360	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	402083	76.20	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2155447	67.13	ng	0.00
78) Terphenyl-d14	12.84	244	2340397	65.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	419342	67.54	ng	96
3) Pyridine	2.90	79	816437	45.31	ng	96
4) n-Nitrosodimethylamine	2.86	42	358305	40.10	ng	# 77
6) Aniline	6.40	93	981718	36.55	ng	# 69
8) 2-Chlorophenol	6.52	128	591403	37.07	ng	85
9) Benzaldehyde	6.27	77	368086	34.83	ng	91
10) Phenol	6.41	94	947744	43.66	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	603926	37.20	ng	92
12) 1,3-Dichlorobenzene	6.67	146	651554	36.21	ng	94
13) 1,4-Dichlorobenzene	6.75	146	682697	36.47	ng	96
14) 1,2-Dichlorobenzene	6.91	146	693971	40.77	ng	98
15) Benzyl Alcohol	6.89	79	561244	33.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	932152	39.15	ng	93
17) 2-Methylphenol	7.01	107	542822	40.17	ng	97
18) Hexachloroethane	7.25	117	254593	38.03	ng	# 75
19) n-Nitroso-di-n-propylamine	7.17	70	560921	39.89	ng	# 84
20) 3+4-Methylphenols	7.17	107	702595	40.00	ng	# 58
22) Acetophenone	7.15	105	943333	38.43	ng	# 97
24) Nitrobenzene	7.32	77	679489	33.75	ng	# 87
25) Isophorone	7.57	82	1438545	39.49	ng	98
26) 2-Nitrophenol	7.64	139	355247	42.27	ng	# 73
27) 2,4-Dimethylphenol	7.70	122	598190	39.62	ng	92
28) bis(2-Chloroethoxy)methane	7.78	93	767584	37.36	ng	97
29) 2,4-Dichlorophenol	7.89	162	563073	41.26	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	582047	37.93	ng	99
31) Naphthalene	8.04	128	1608827	34.04	ng	99
32) Benzoic acid	7.85	122	401763	38.86	ng	90
33) 4-Chloroaniline	8.10	127	752289	36.93	ng	92
34) Hexachlorobutadiene	8.17	225	342615	35.67	ng	100
35) Caprolactam	8.50	113	183277	42.60	ng	# 81
36) 4-Chloro-3-methylphenol	8.59	107	611090	38.08	ng	93
37) 2-Methylnaphthalene	8.74	142	1258725	41.17	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	545139	36.05	ng	96
40) Hexachlorocyclopentadiene	8.90	237	317891	39.13	ng	98

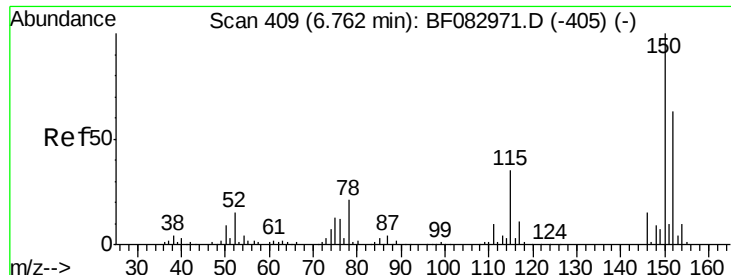
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083017.D
 Acq On : 18 Nov 2015 18:31
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_F
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Quant Time: Nov 19 01:49:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	410527	36.37	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	393780	35.27	nq	98
45) 1,1'-Biphenyl	9.21	154	1524827	38.62	nq	98
46) 2-Chloronaphthalene	9.22	162	1102777	35.80	nq	95
47) 2-Nitroaniline	9.32	65	433966	37.98	nq	# 81
48) Acenaphthylene	9.64	152	1846174	38.25	nq	98
49) Dimethylphthalate	9.52	163	1376301	36.50	nq	99
50) 2,6-Dinitrotoluene	9.57	165	341892	42.50	nq	# 66
51) Acenaphthene	9.81	154	1238393	40.48	nq	100
52) 3-Nitroaniline	9.73	138	316783	35.80	nq	88
53) 2,4-Dinitrophenol	9.84	184	150395	34.05	nq	# 27
54) Dibenzofuran	9.98	168	1602777	38.86	nq	89
55) 4-Nitrophenol	9.92	139	269132	39.65	nq	# 77
56) 2,4-Dinitrotoluene	9.97	165	442837	40.57	nq	90
57) Fluorene	10.33	166	1248318	37.37	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	317375	34.83	nq	# 89
59) Diethylphthalate	10.21	149	1419858	38.57	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	552479	33.06	nq	# 89
61) 4-Nitroaniline	10.35	138	361249	40.60	nq	# 82
62) Azobenzene	10.48	77	1553220	39.28	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	266516	42.59	nq	87
65) n-Nitrosodiphenylamine	10.44	169	1191453	37.54	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	402839	38.09	nq	95
67) Hexachlorobenzene	10.86	284	412334	34.91	nq	# 87
68) Atrazine	10.97	200	311407	31.73	nq	95
69) Pentachlorophenol	11.06	266	229054	31.94	nq	98
70) Phenanthrene	11.28	178	1672152	32.78	nq	100
71) Anthracene	11.33	178	1998093	37.18	nq	100
72) Carbazole	11.48	167	1465352	31.15	nq	99
73) Di-n-butylphthalate	11.82	149	1919046	32.74	nq	99
74) Fluoranthene	12.46	202	2020563	36.91	nq	95
76) Benzidine	12.58	184	871482	30.77	nq	98
77) Pyrene	12.68	202	1879846	32.39	nq	99
79) Butylbenzylphthalate	13.31	149	1257794	49.06	nq	96
80) Benzo(a)anthracene	13.87	228	2231189	42.22	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	833945	44.39	nq	# 96
82) Chrysene	13.92	228	2236548	46.21	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1457403	41.53	nq	99
84) Di-n-octyl phthalate	14.49	149	2580117	44.08	nq	97
85) Indeno(1,2,3-cd)pyrene	16.58	276	1840499	44.15	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	3505555	69.94	nq	# 96
88) Benzo(k)fluoranthene	14.91	252	3506689	78.86	nq	# 96
89) Benzo(a)pyrene	15.22	252	1689433	38.90	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	1500920	40.81	nq	# 95
91) Benzo(g,h,i)perylene	16.98	276	1529393	43.42	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

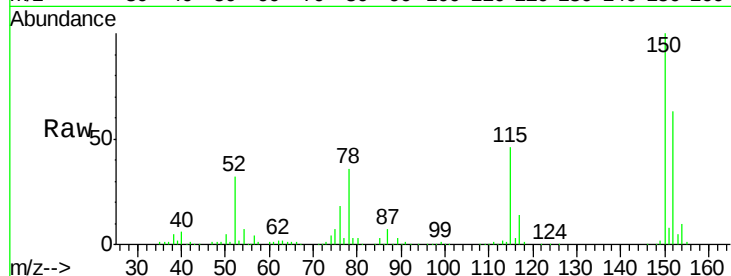
Tot Ion:152 Resp: 223902

Ion Ratio Lower Upper

152 100

150 158.7 127.0 190.4

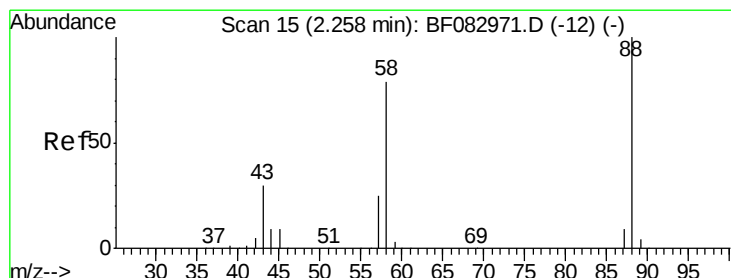
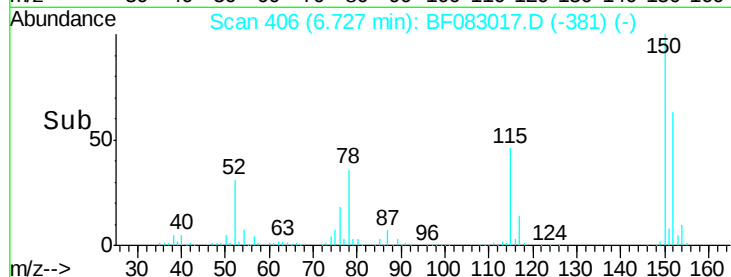
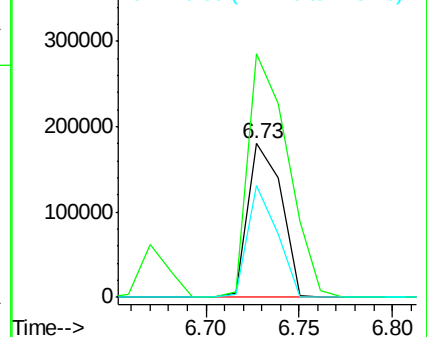
115 72.7 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 67.54 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

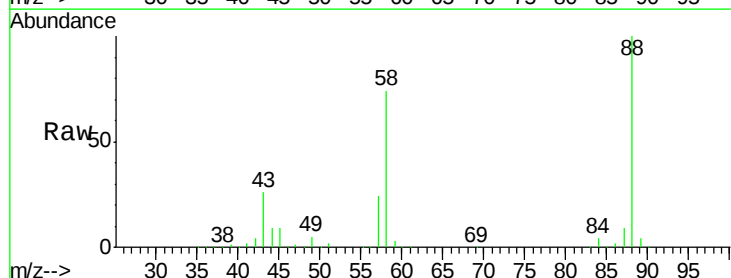
Tgt Ion: 88 Resp: 419342

Ion Ratio Lower Upper

88 100

58 76.3 62.0 93.0

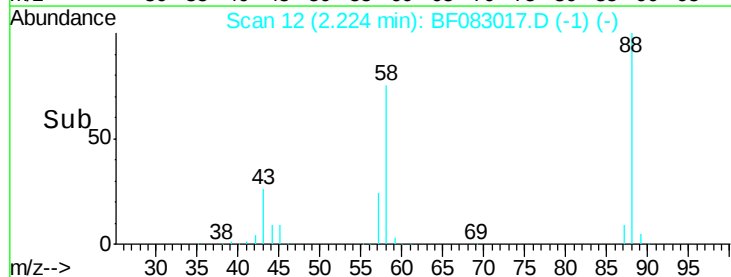
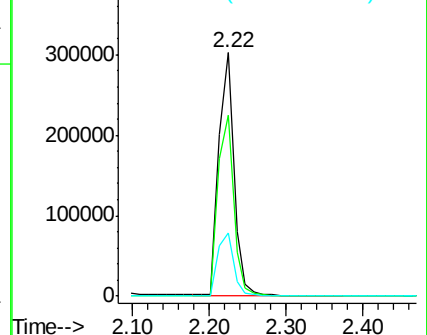
43 27.9 26.6 40.0

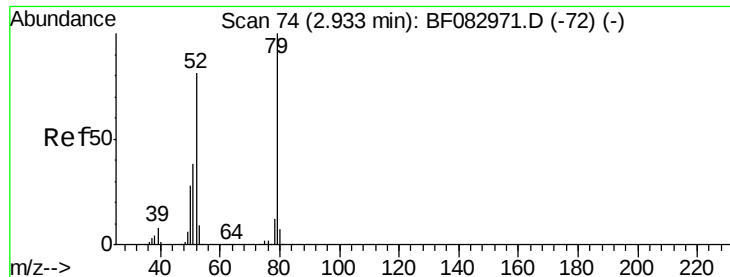


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

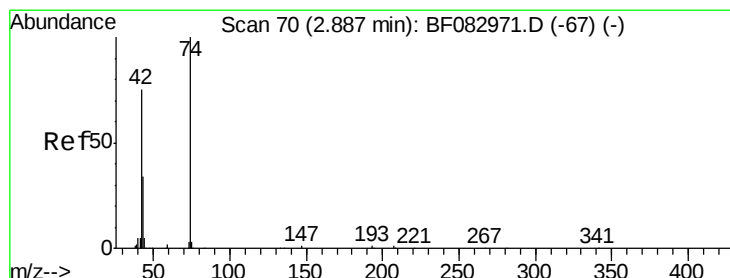
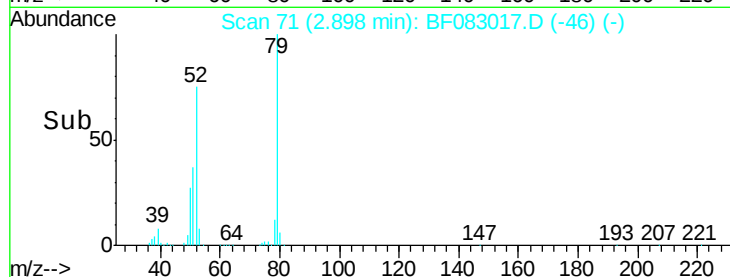
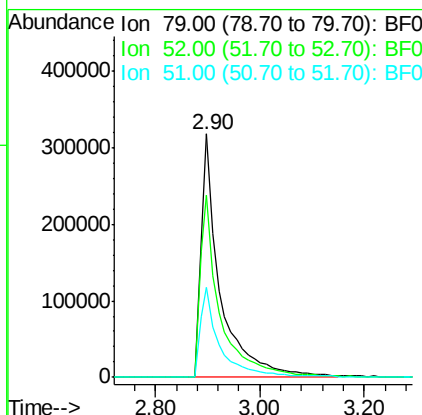
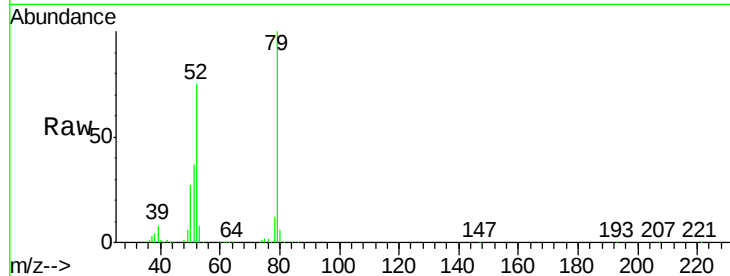




#3
 Pvridine
 Concen: 45.31 ng
 RT: 2.90 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

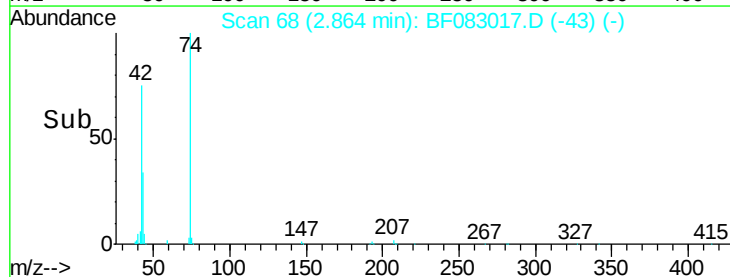
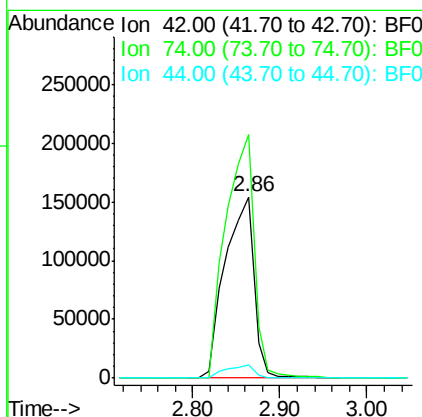
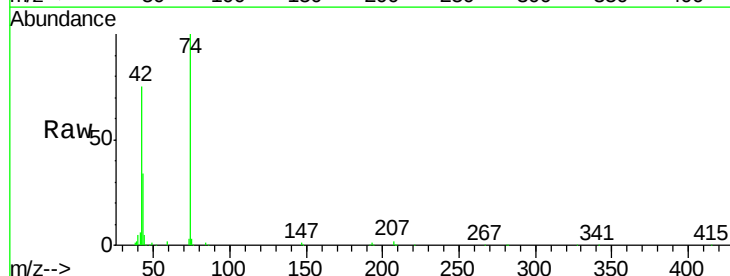
Instrument :
 BNA_F
 ClientSampleId :

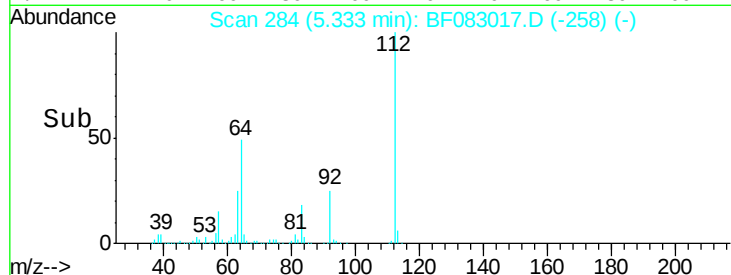
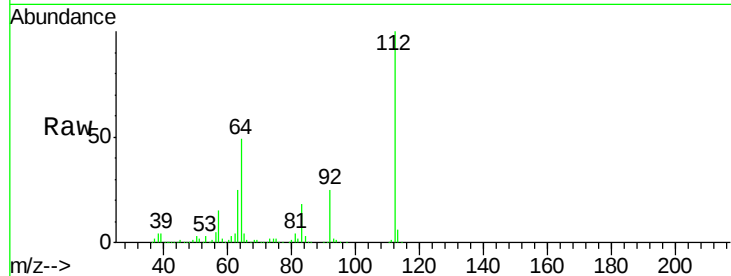
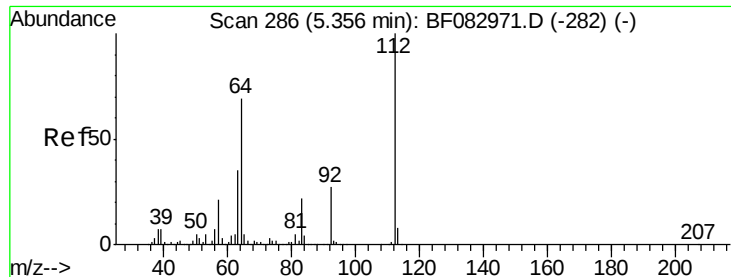
Tot Ion: 79 Resp: 816437
 Ion Ratio Lower Upper
 79 100
 52 74.9 62.8 94.2
 51 36.9 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 40.10 ng
 RT: 2.86 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion: 42 Resp: 358305
 Ion Ratio Lower Upper
 42 100
 74 134.1 87.0 130.4#
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 78.26 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

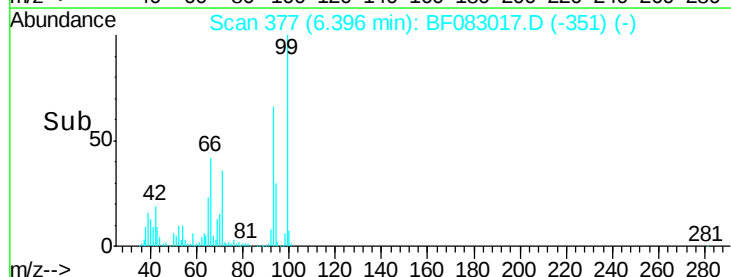
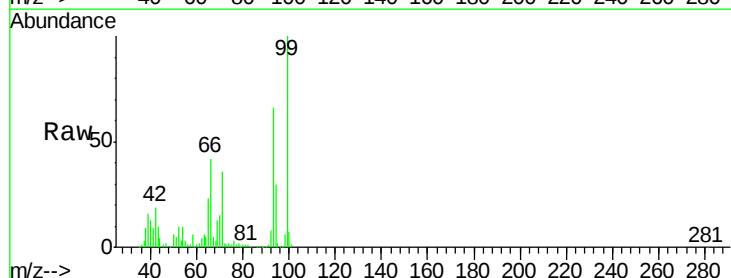
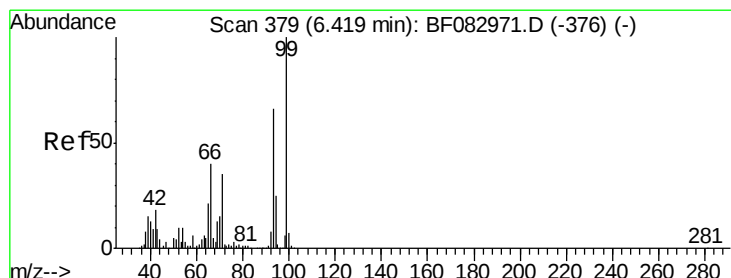
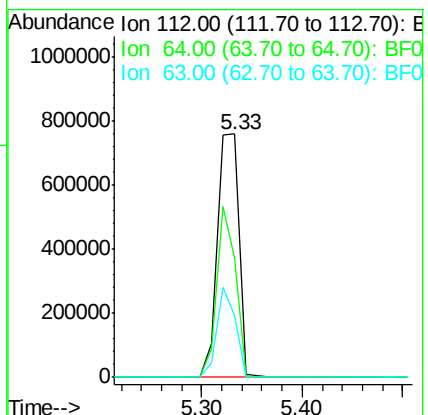
Tot Ion:112 Resp: 1126217

Ion Ratio Lower Upper

112 100

64 49.1 48.9 73.3

63 25.4 28.1 42.1#



#6

Aniline

Concen: 36.55 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

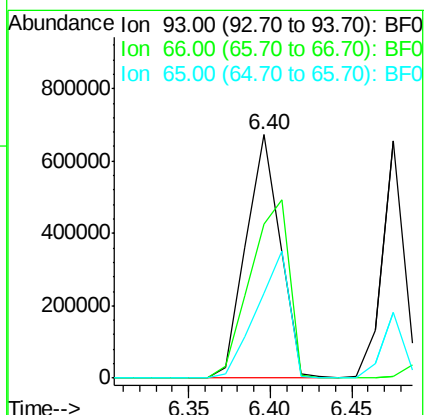
Tgt Ion: 93 Resp: 981718

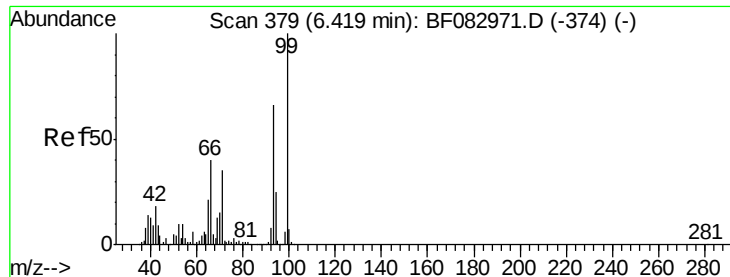
Ion Ratio Lower Upper

93 100

66 63.2 33.6 50.4#

65 34.8 18.1 27.1#





#7

Phenol-d6

Concen: 78.08 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

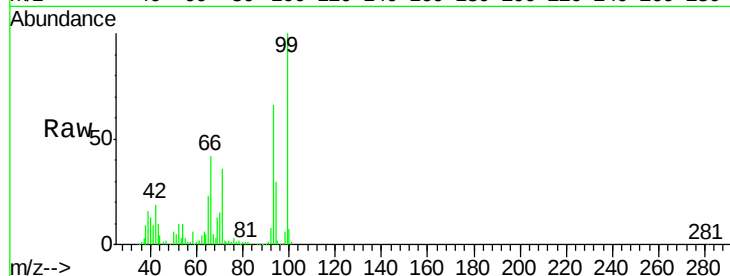
Tot Ion: 99 Resp: 1493755

Ion Ratio Lower Upper

99 100

42 19.0 19.2 28.8#

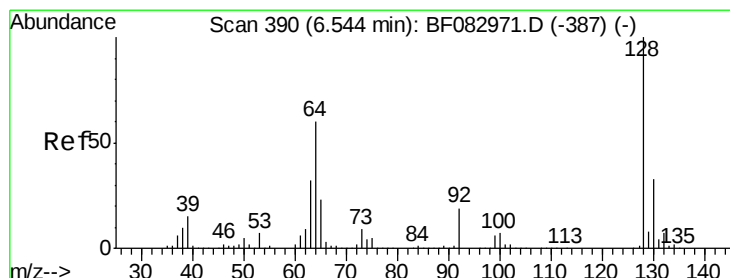
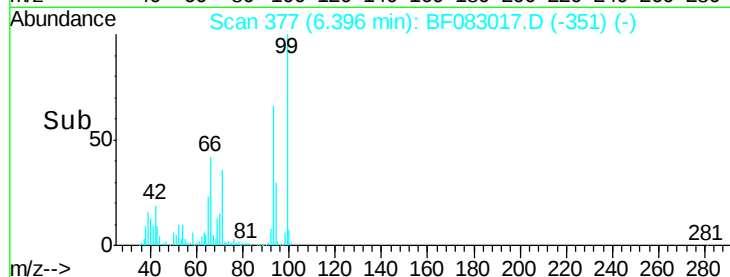
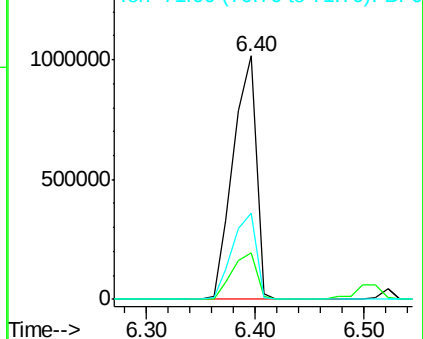
71 35.6 35.0 52.4



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: 37.07 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

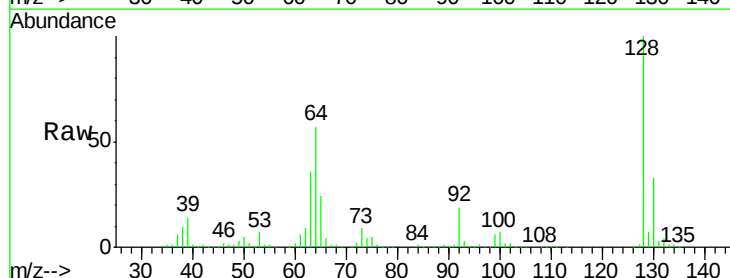
Tgt Ion: 128 Resp: 591403

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

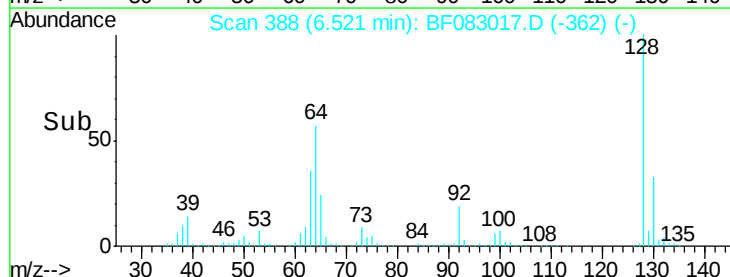
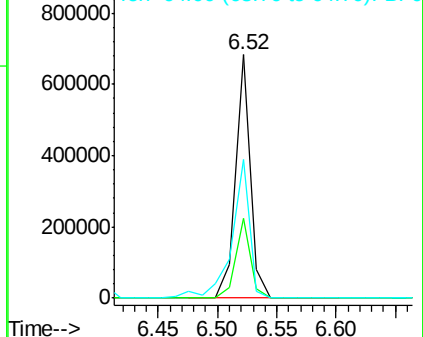
64 57.1 21.1 61.1

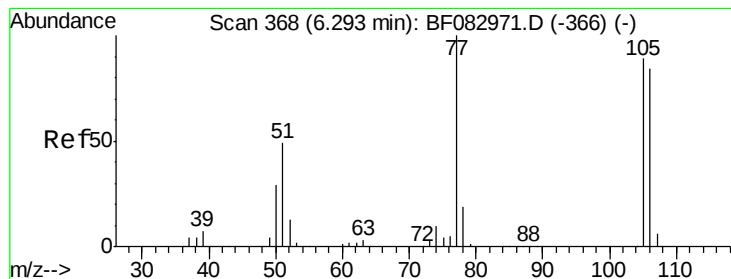


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.83 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

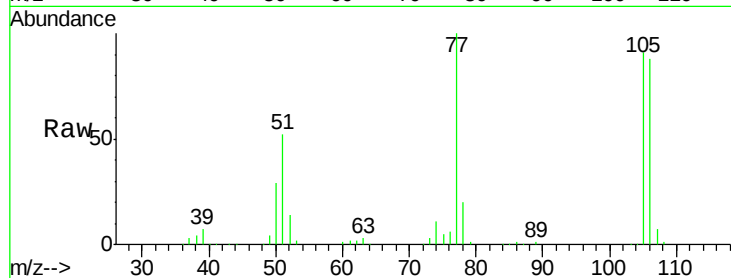
Tot Ion: 77 Resp: 368086

Ion Ratio Lower Upper

77 100

105 91.2 63.5 103.5

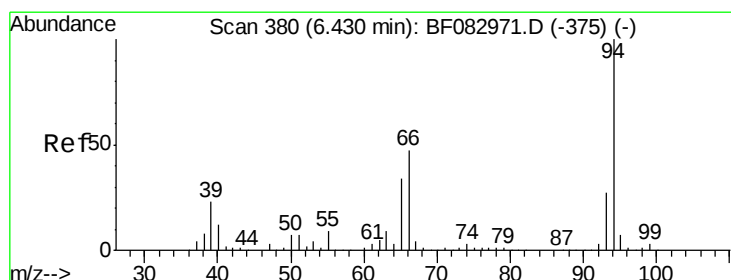
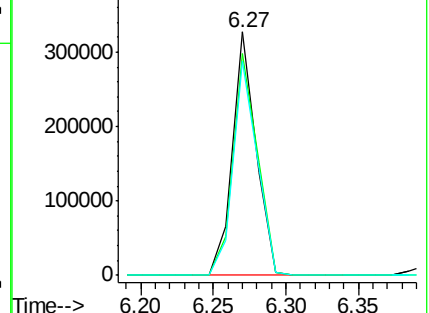
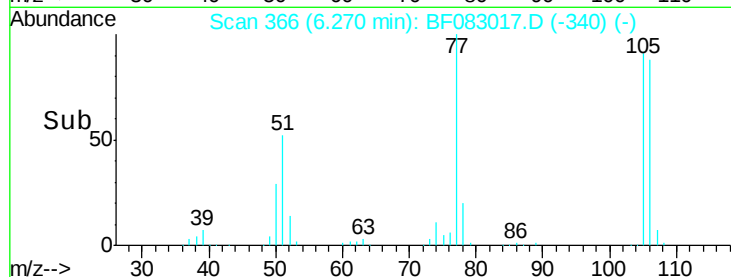
106 88.1 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.66 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

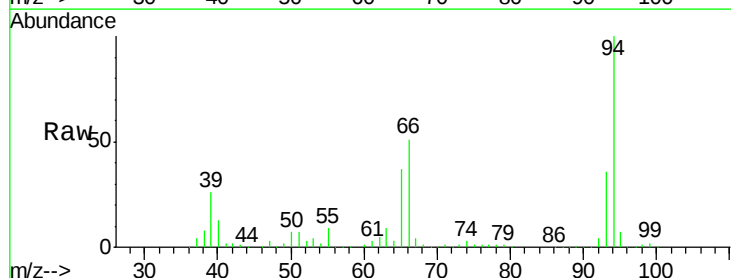
Tgt Ion: 94 Resp: 947744

Ion Ratio Lower Upper

94 100

65 36.7 18.9 58.9

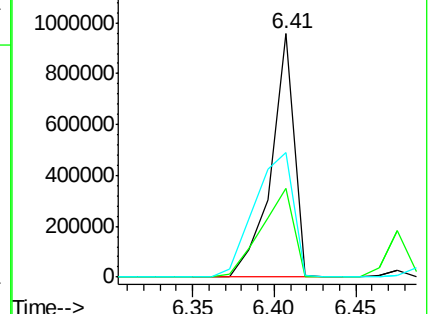
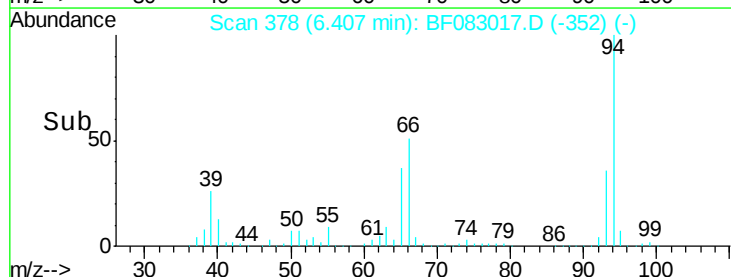
66 51.4 34.9 74.9

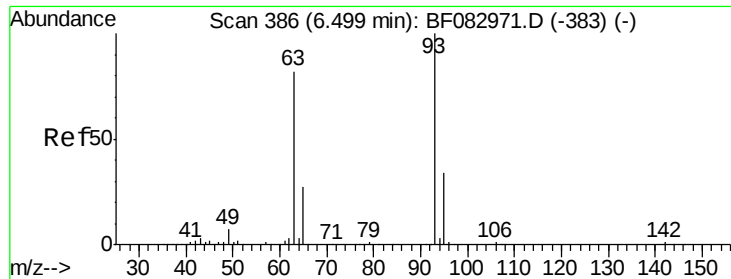


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

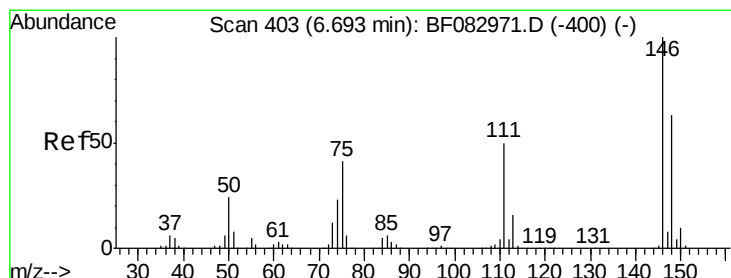
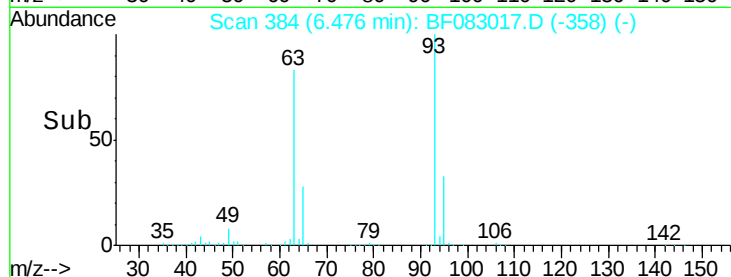
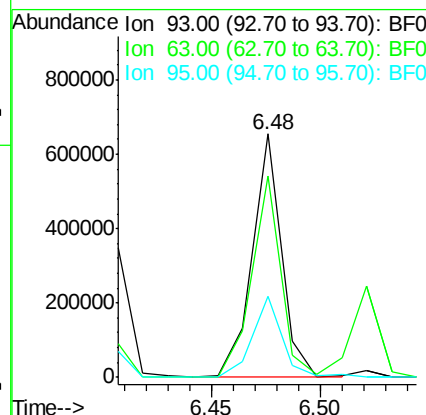
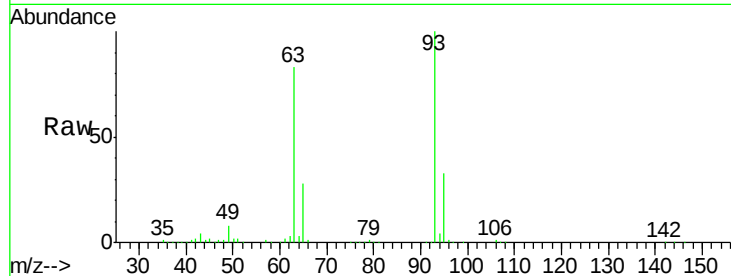




#11
bis(2-Chloroethyl)ether
Concen: 37.20 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

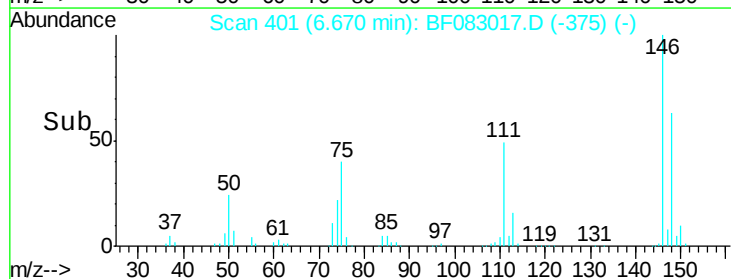
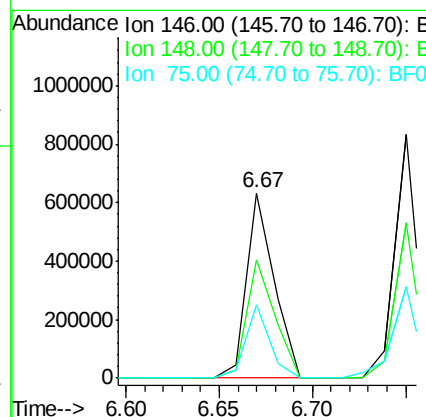
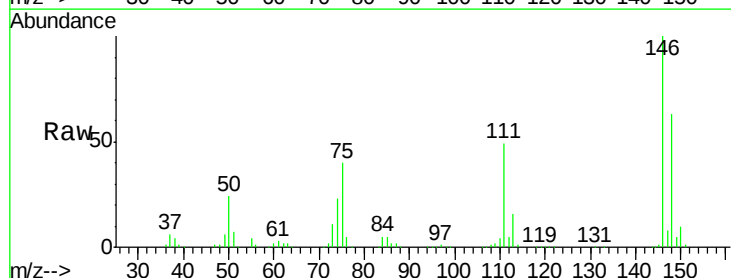
Instrument :
BNA_F
ClientSampleId :

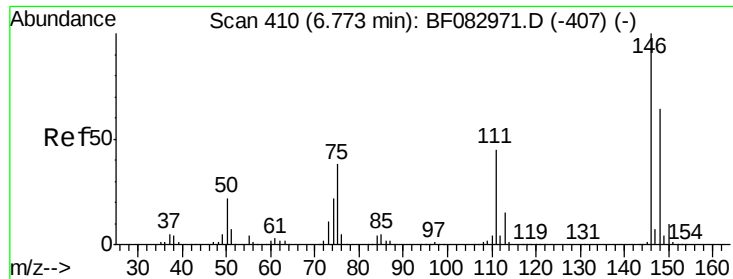
Tot Ion: 93 Resp: 603926
Ion Ratio Lower Upper
93 100
63 82.6 72.7 112.7
95 33.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 36.21 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 146 Resp: 651554
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 39.8 39.5 59.3

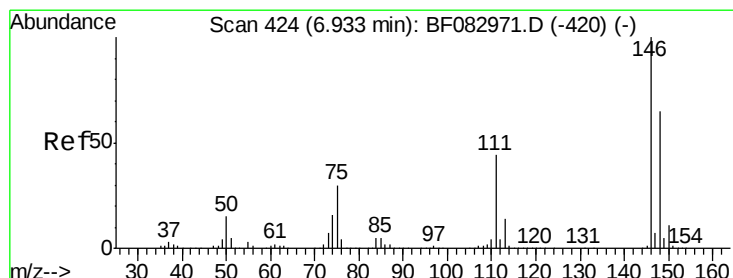
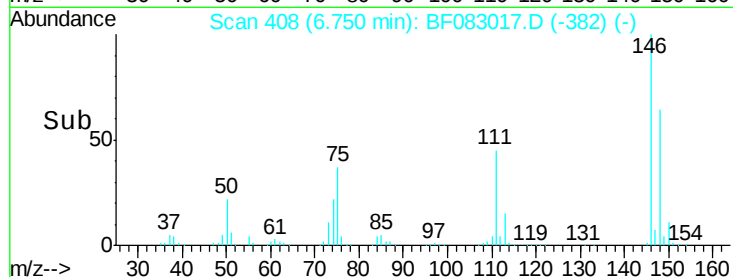
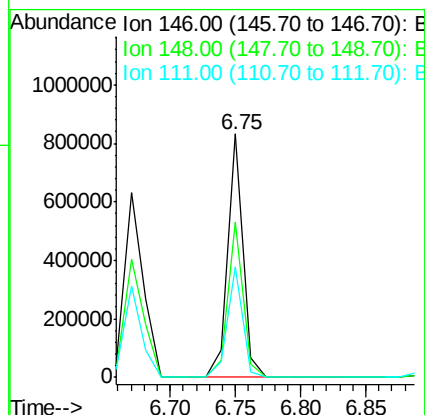
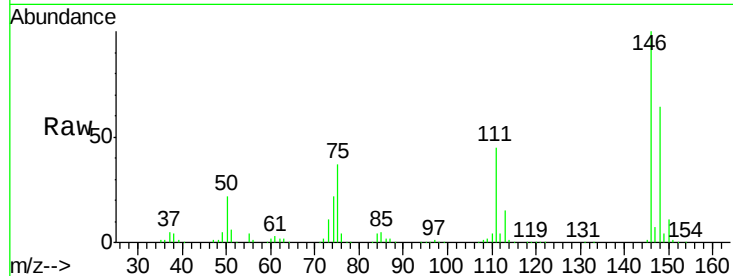




#13
 1,4-Dichlorobenzene
 Concen: 36.47 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

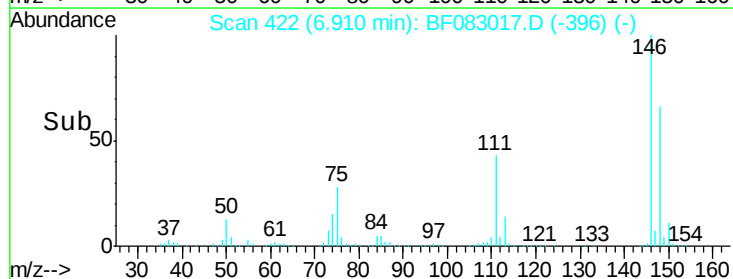
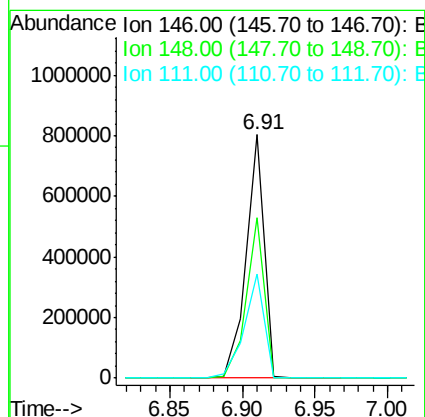
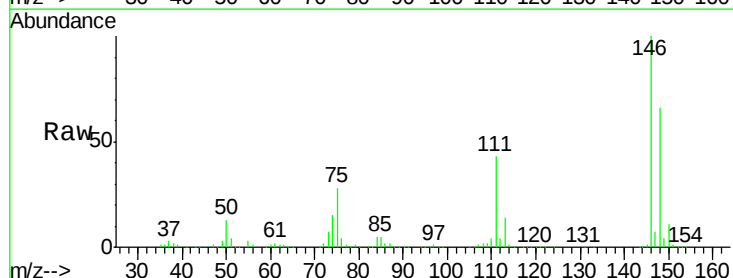
Instrument :
 BNA_F
 ClientSampleId :

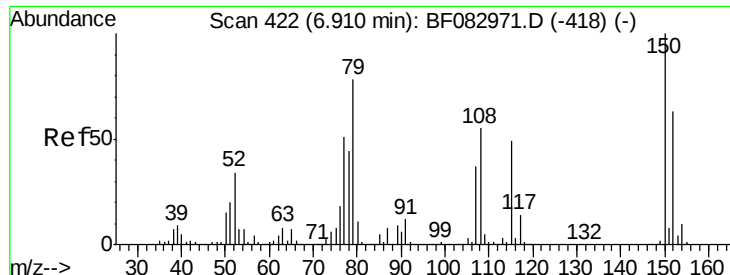
Tot Ion:146 Resp: 682697
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 45.4 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 40.77 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:146 Resp: 693971
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.4
 111 42.6 36.6 55.0

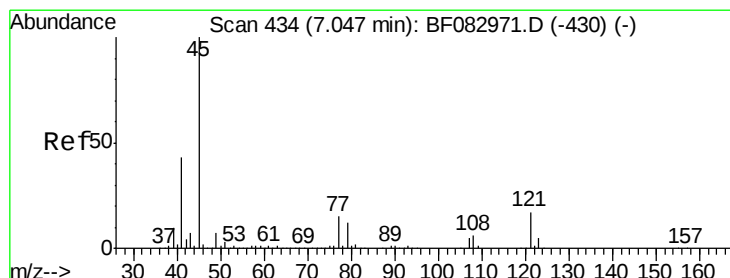
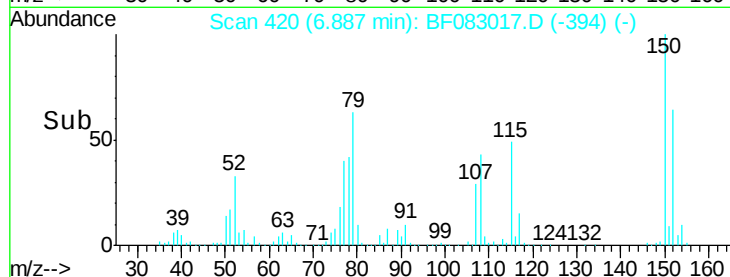
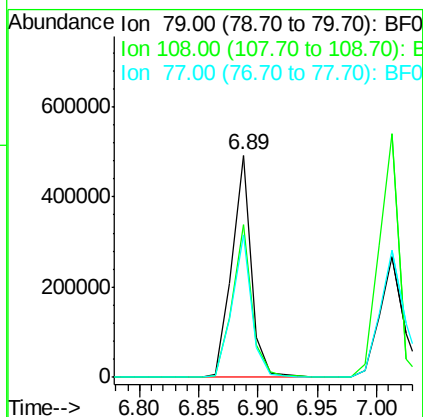
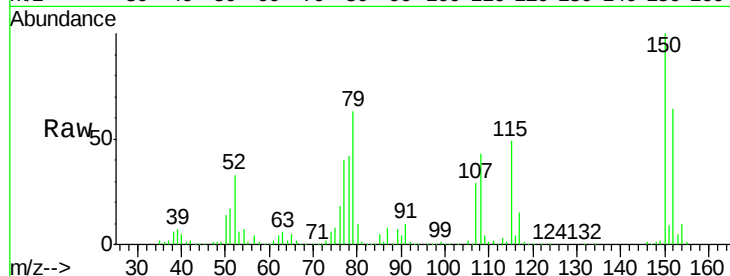




#15
Benzyl Alcohol
Concen: 33.41 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

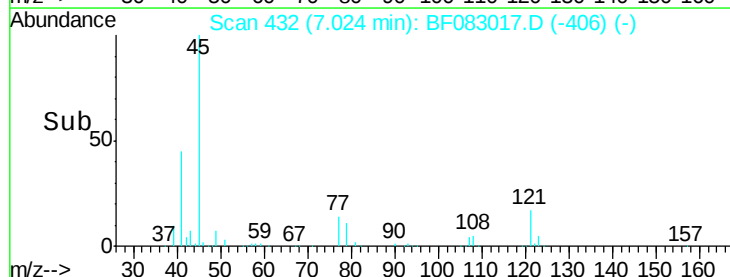
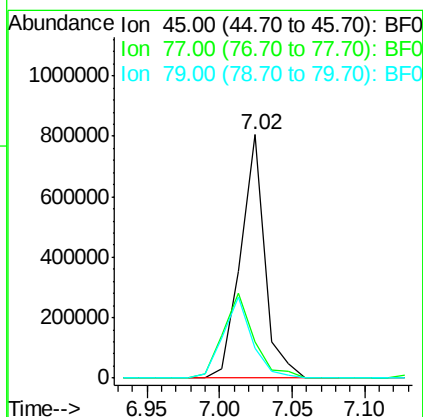
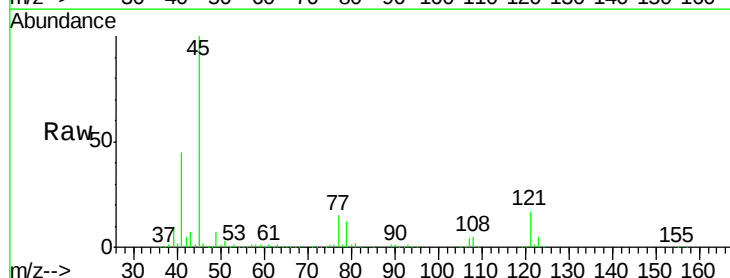
Instrument :
BNA_F
ClientSampleId :

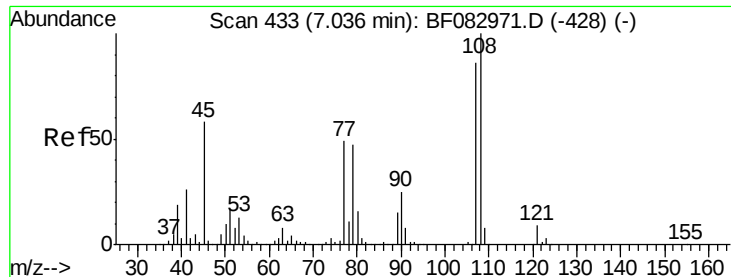
Tot Ion: 79 Resp: 561244
Ion Ratio Lower Upper
79 100
108 68.8 52.2 78.4
77 64.1 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.15 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 45 Resp: 932152
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.6
79 12.0 0.0 29.2

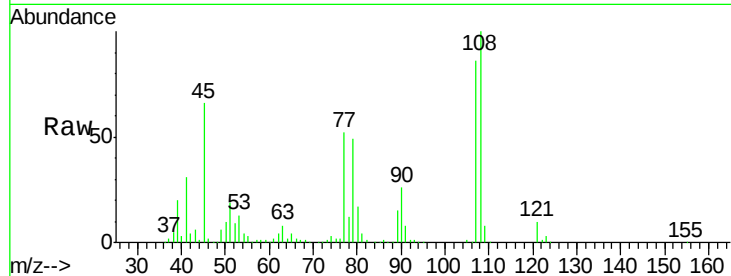




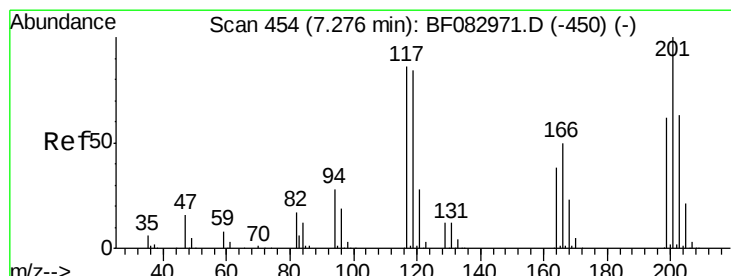
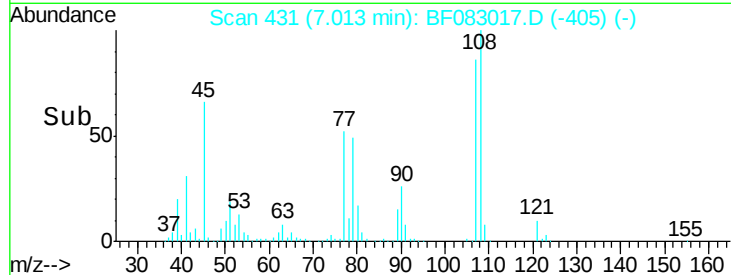
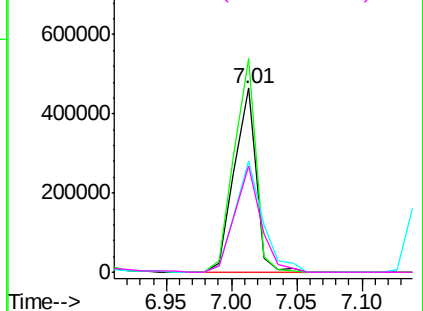
#17
2-Methylphenol
Concen: 40.17 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	542822
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.0	139.4
77	60.6	44.1	66.1
79	57.4	43.6	65.4

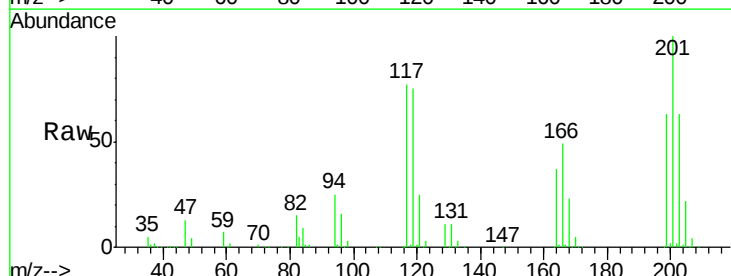


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

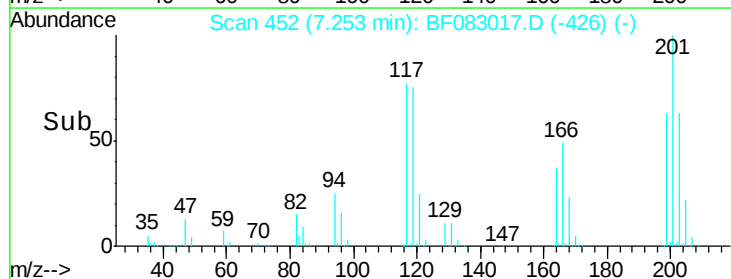
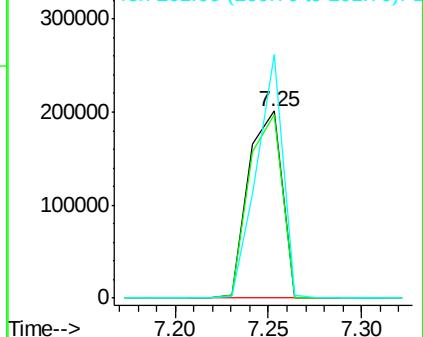


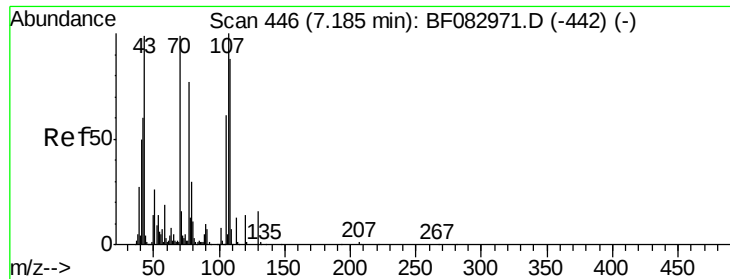
#18
Hexachloroethane
Concen: 38.03 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:	117	Resp:	254593
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.7	116.5
201	130.3	66.7	100.1#



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

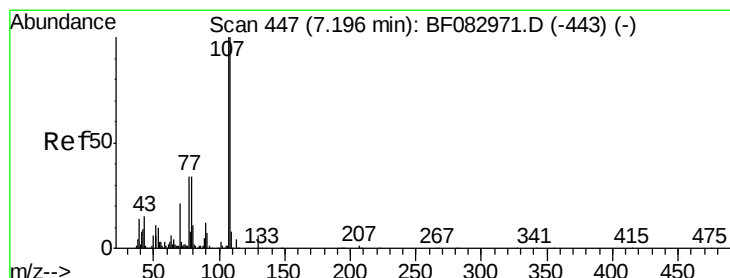
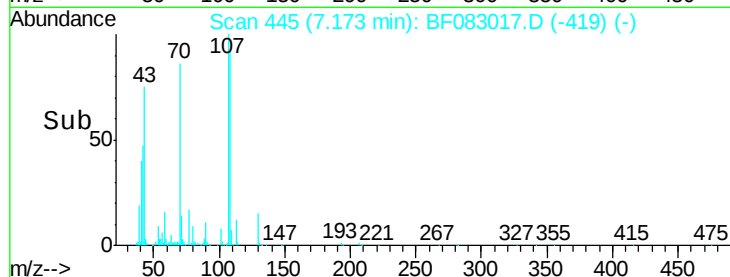
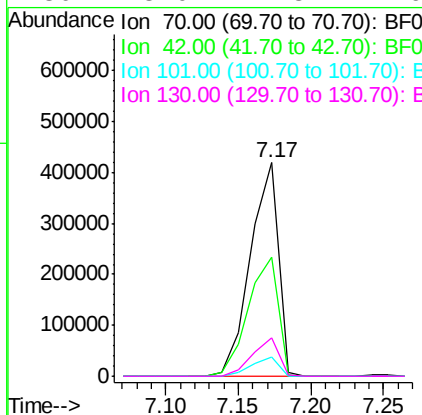
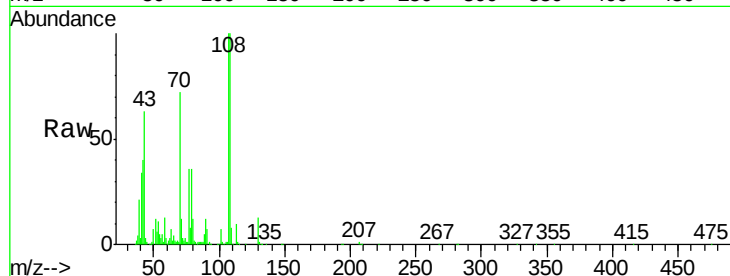




#19
n-Nitroso-di-n-propylamine
Concen: 39.89 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

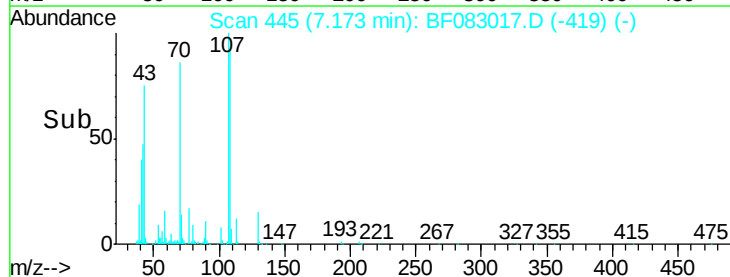
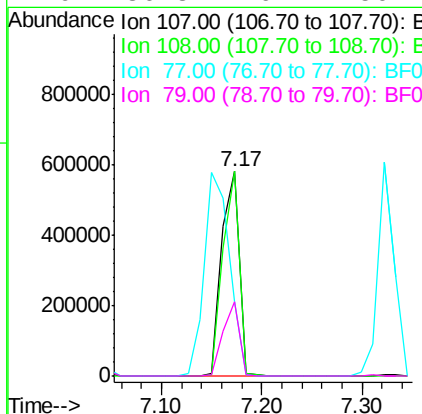
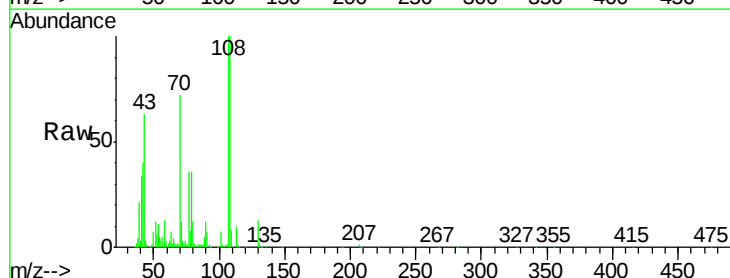
Instrument :
BNA_F
ClientSampleId :

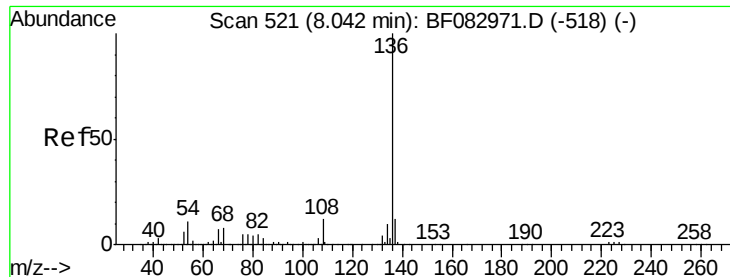
Tot Ion: 70 Resp: 560921
Ion Ratio Lower Upper
70 100
42 55.6 57.7 86.5#
101 9.1 7.0 10.6
130 18.0 11.8 17.6#



#20
3+4-Methylphenols
Concen: 40.00 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 107 Resp: 702595
Ion Ratio Lower Upper
107 100
108 99.9 67.3 107.3
77 36.5 100.3 140.3#
79 36.3 16.2 56.2

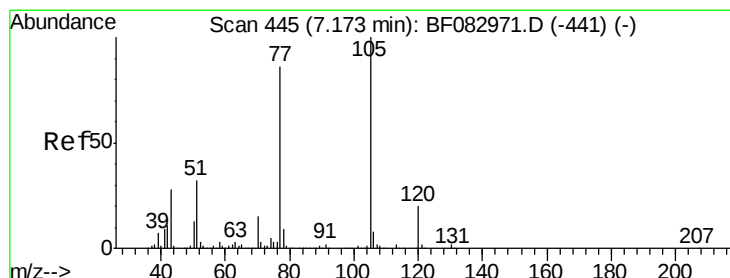
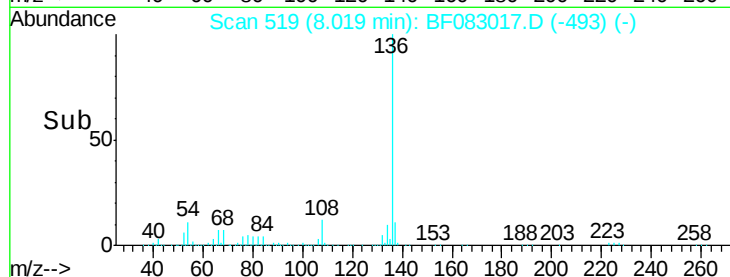
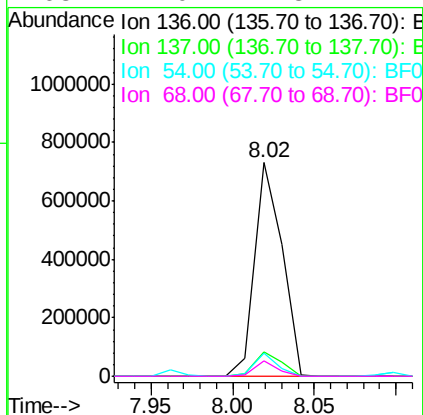
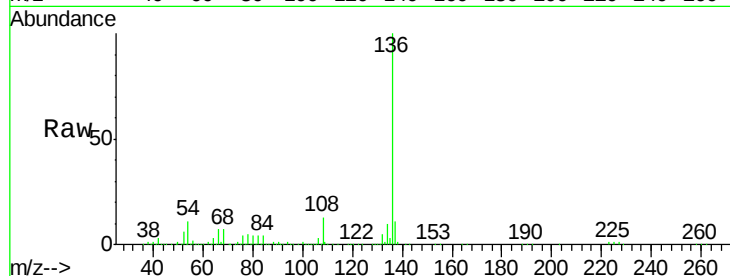




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

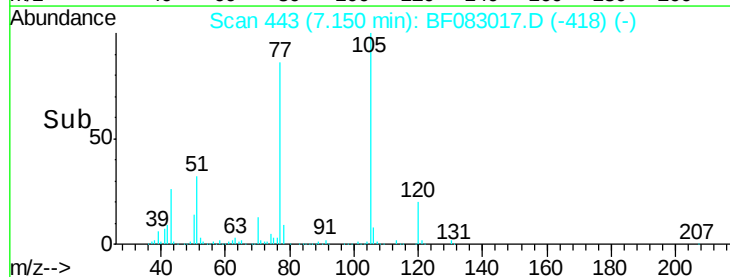
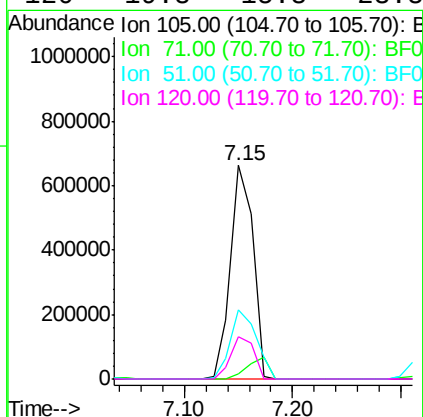
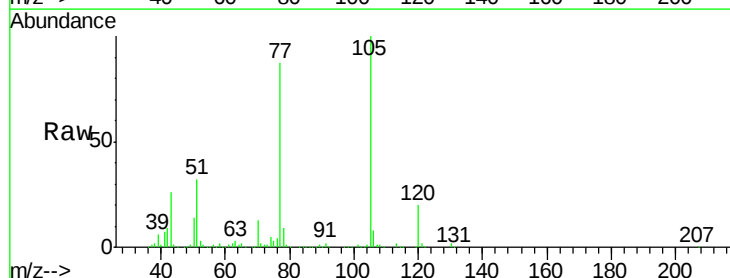
Instrument :
BNA_F
ClientSampleId :

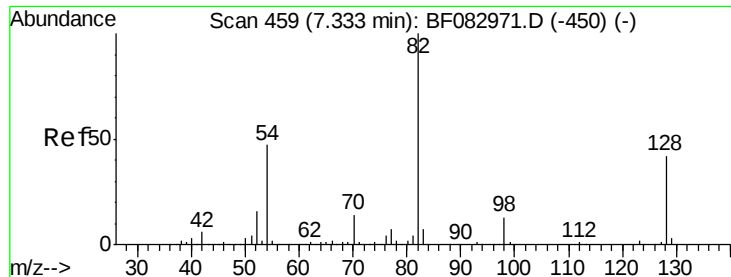
Tot Ion:136	Resp:	856642
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.6	9.1 13.7
68	7.0	4.8 7.2



#22
Acetophenone
Concen: 38.43 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:105	Resp:	943333
Ion Ratio	Lower	Upper
105	100	
71	2.1	5.6 8.4#
51	32.4	24.9 37.3
120	19.8	15.8 23.8

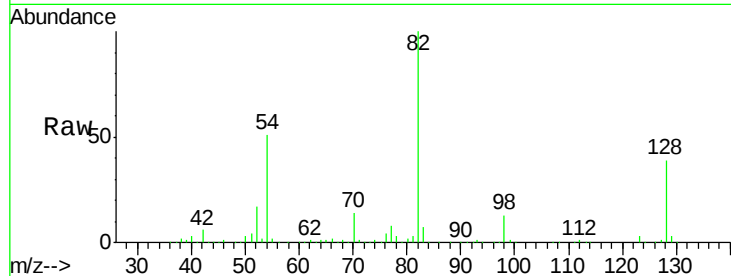




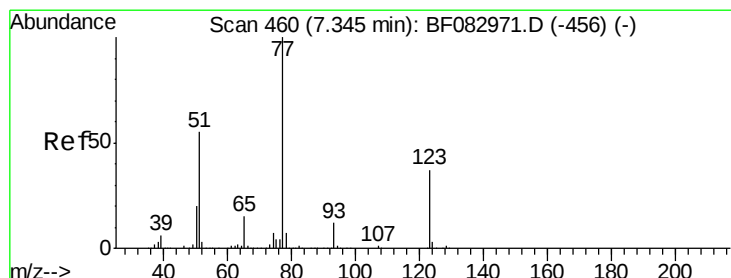
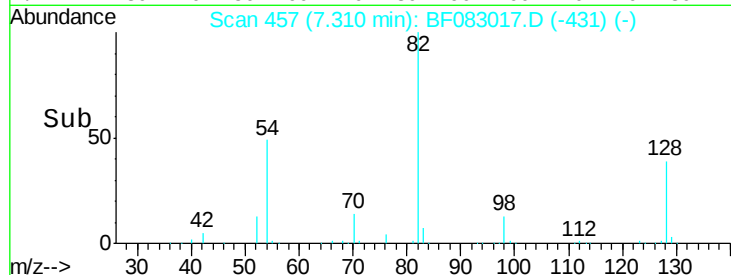
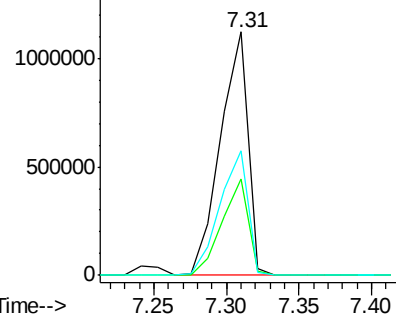
#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1481360
Ion Ratio Lower Upper
82 100
128 39.4 26.8 40.2
54 50.9 45.7 68.5

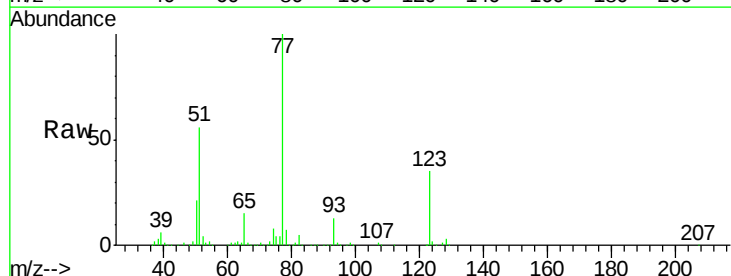


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

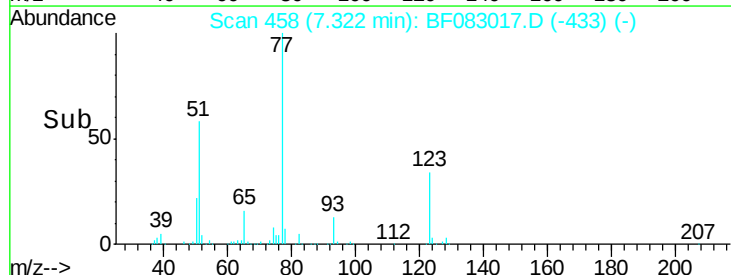
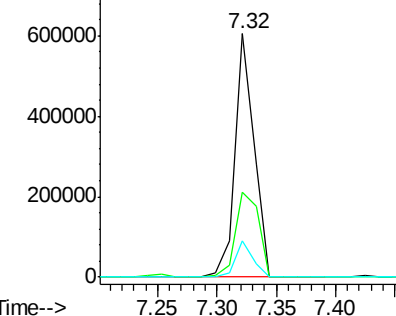


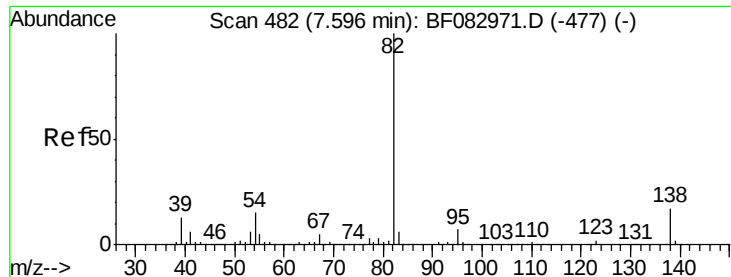
#24
Nitrobenzene
Concen: 33.75 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 77 Resp: 679489
Ion Ratio Lower Upper
77 100
123 34.9 36.4 54.6#
65 14.9 11.5 17.3



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: 39.49 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

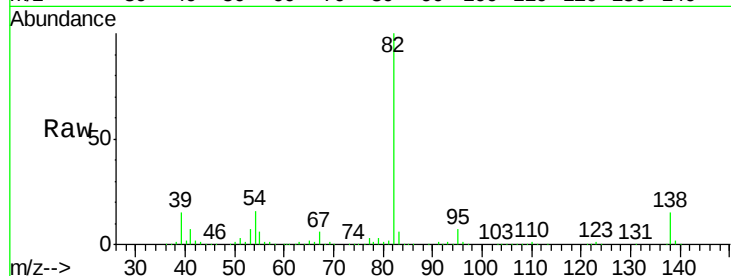
Tot Ion: 82 Resp: 1438545

Ion Ratio Lower Upper

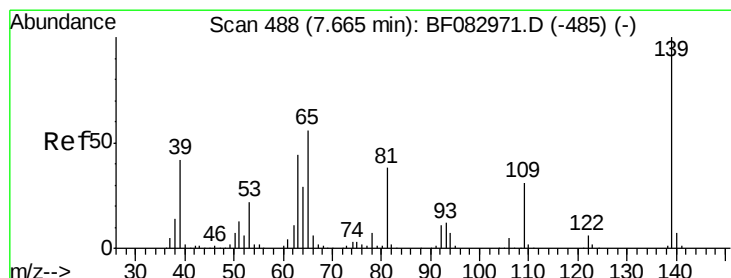
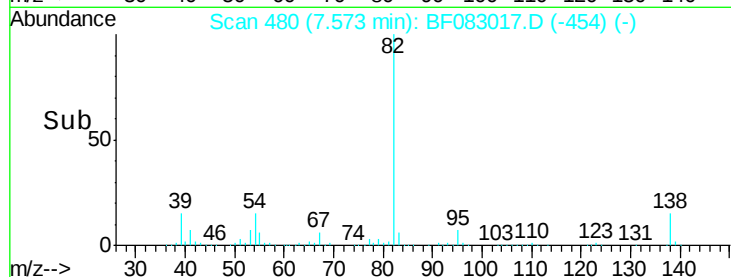
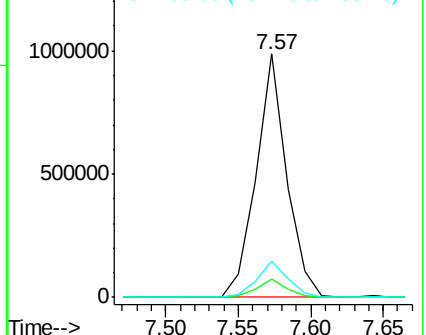
82 100

95 7.3 6.6 9.8

138 15.1 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.27 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

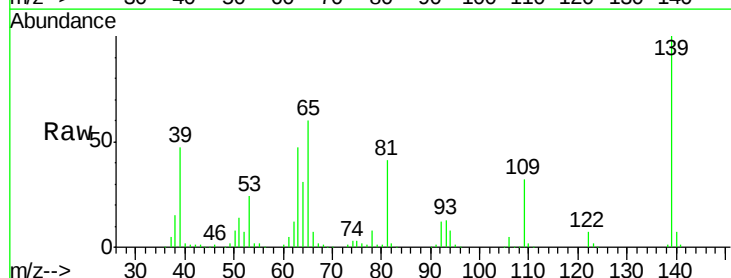
Tgt Ion: 139 Resp: 355247

Ion Ratio Lower Upper

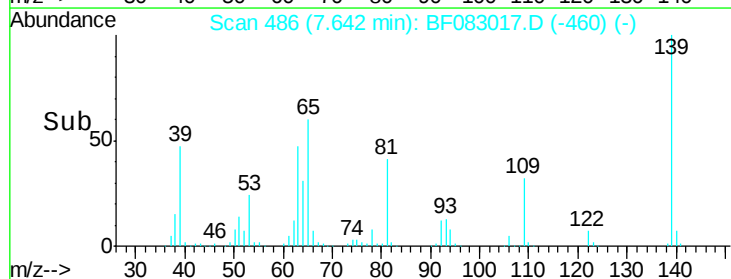
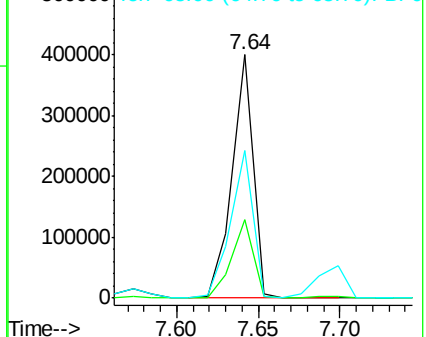
139 100

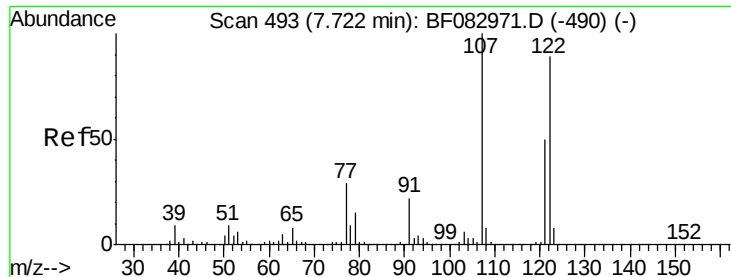
109 32.5 37.6 56.4#

65 60.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 39.62 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

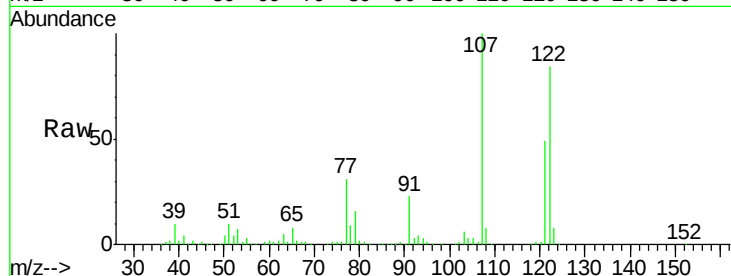
Tot Ion:122 Resp: 598190

Ion Ratio Lower Upper

122 100

107 118.9 106.0 159.0

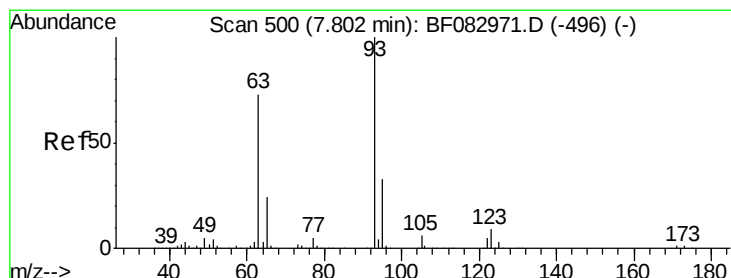
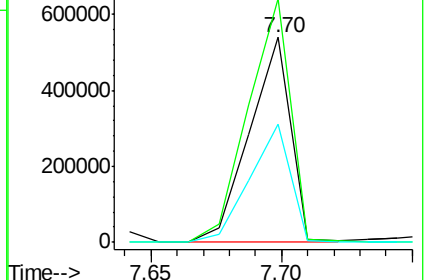
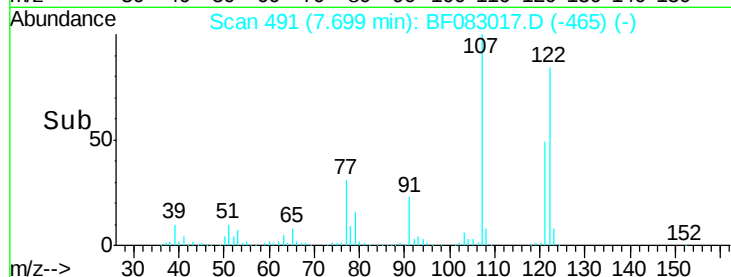
121 57.7 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.36 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

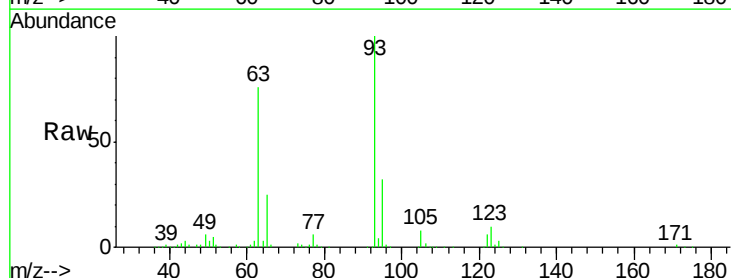
Tgt Ion: 93 Resp: 767584

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

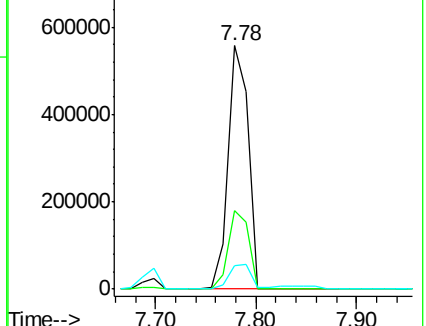
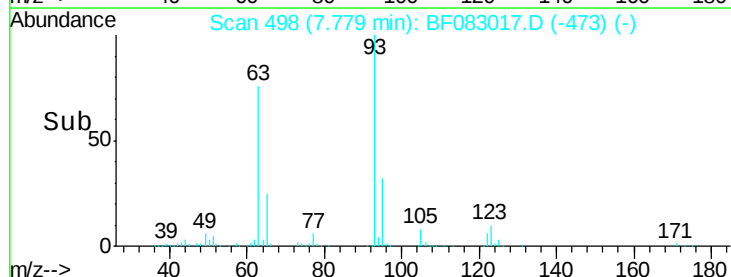
123 9.7 9.7 14.5

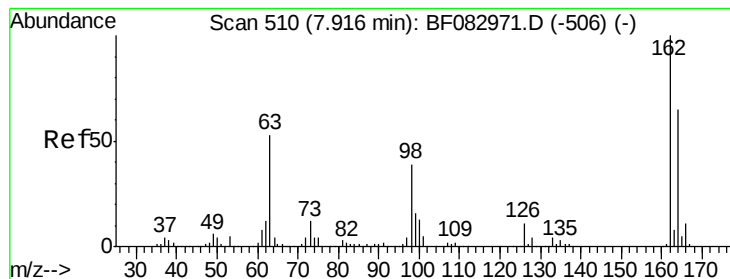


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.26 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

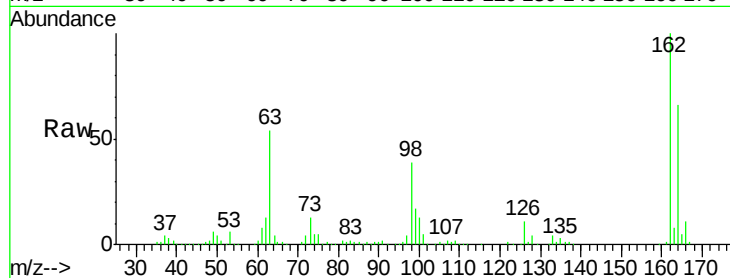
Tot Ion:162 Resp: 563073

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

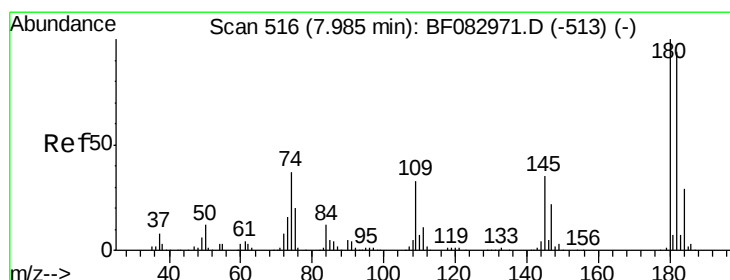
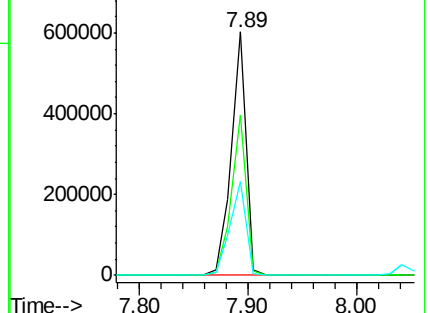
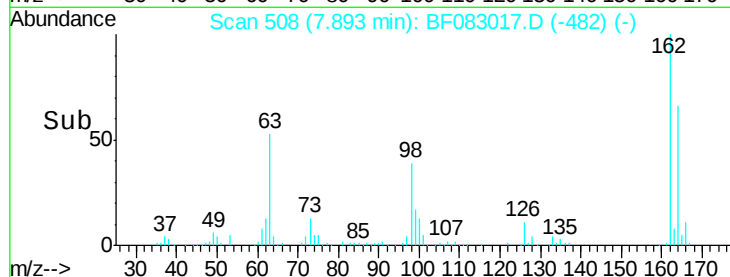
98 38.8 12.5 52.5



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: 37.93 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

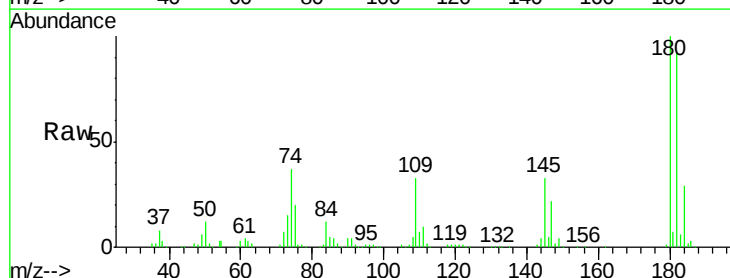
Tgt Ion:180 Resp: 582047

Ion Ratio Lower Upper

180 100

182 93.2 74.9 112.3

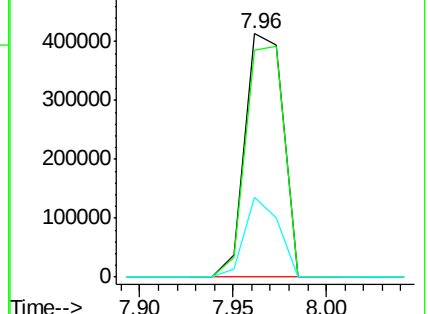
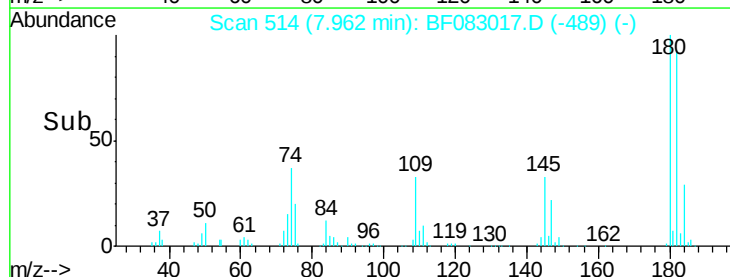
145 32.9 27.8 41.8

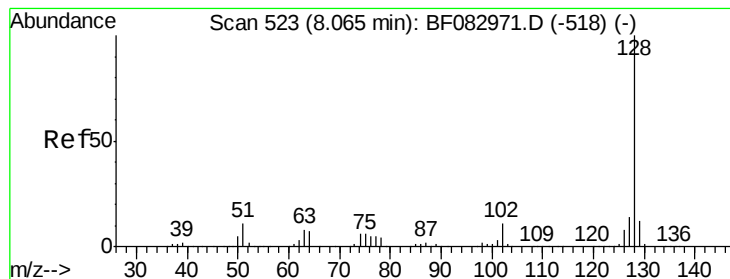


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.04 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

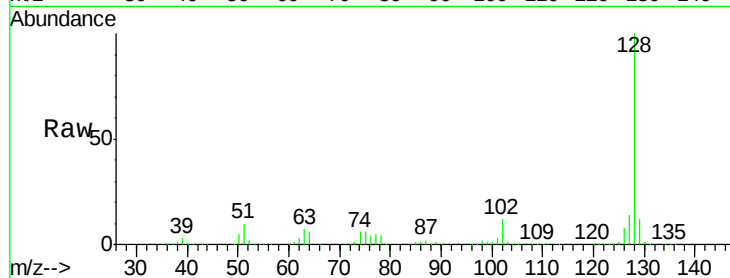
Tot Ion:128 Resp: 1608827

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

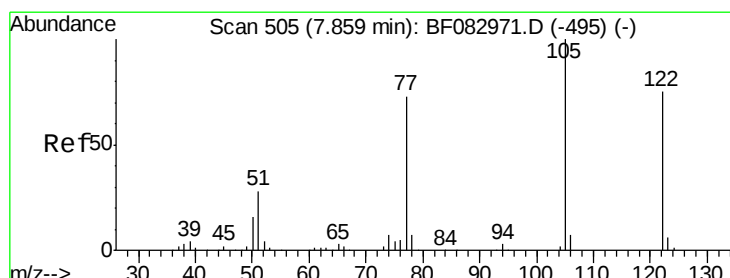
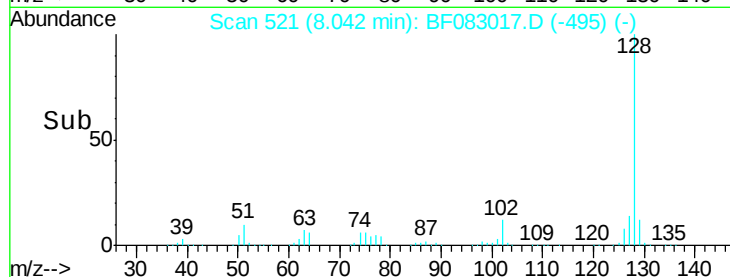
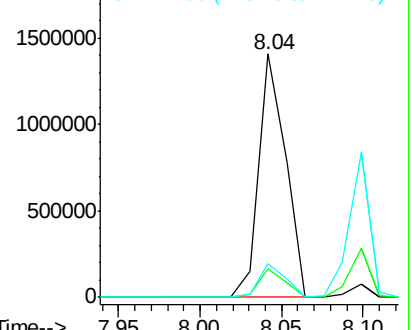
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.86 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

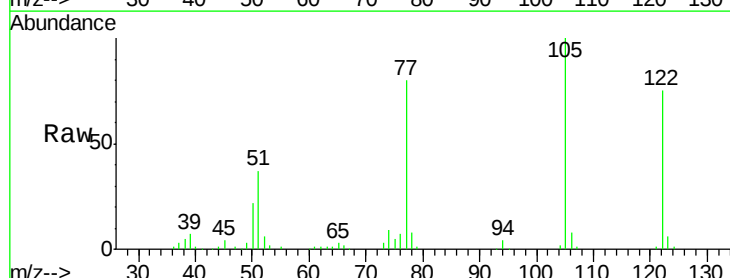
Tgt Ion:122 Resp: 401763

Ion Ratio Lower Upper

122 100

105 133.6 122.6 162.6

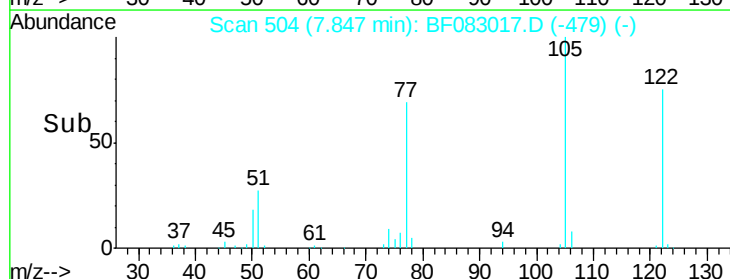
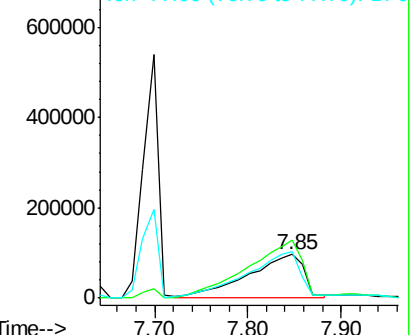
77 107.0 100.9 140.9

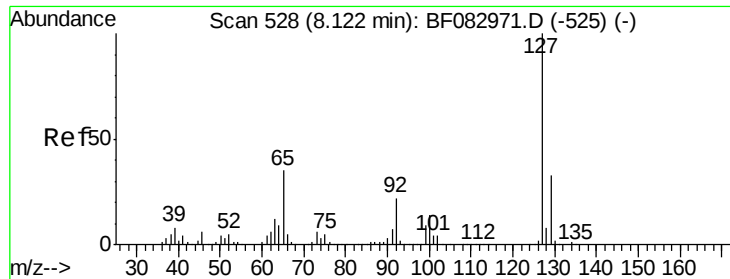


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

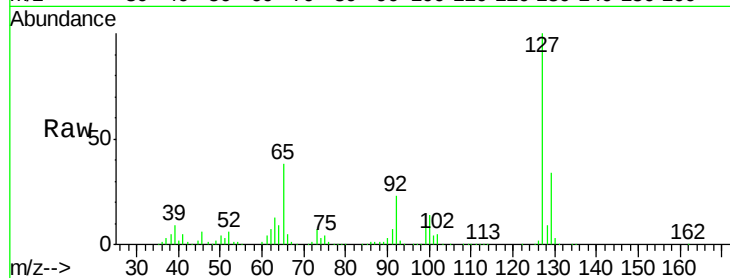




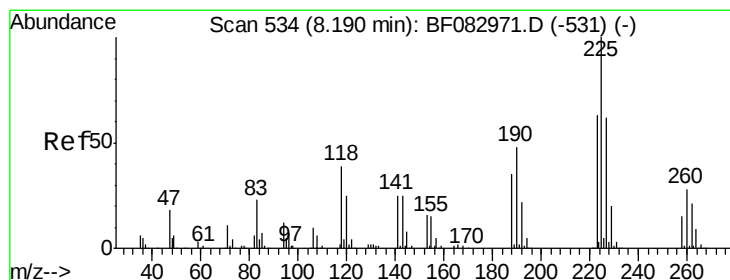
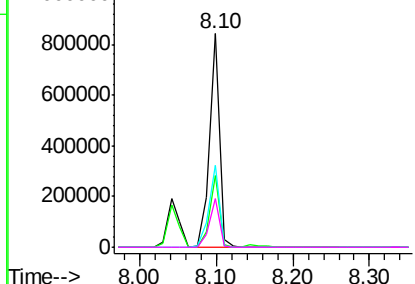
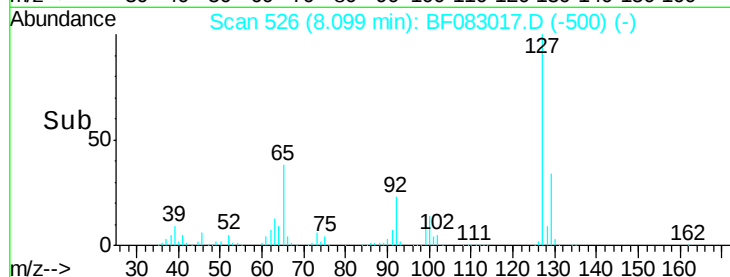
#33
4-Chloroaniline
Concen: 36.93 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	752289
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	38.1	37.8	56.8
92	22.9	20.6	31.0

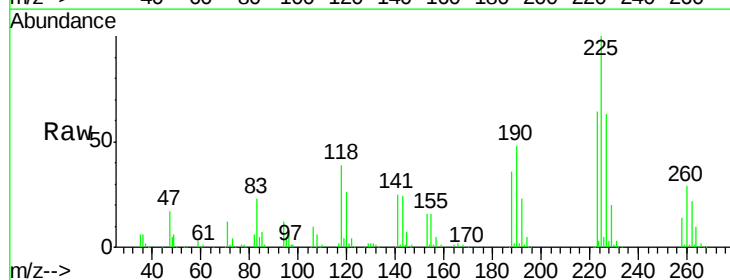


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

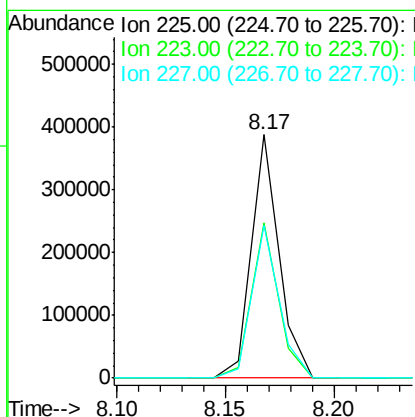
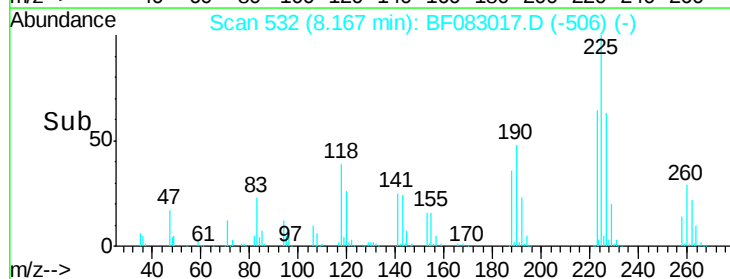


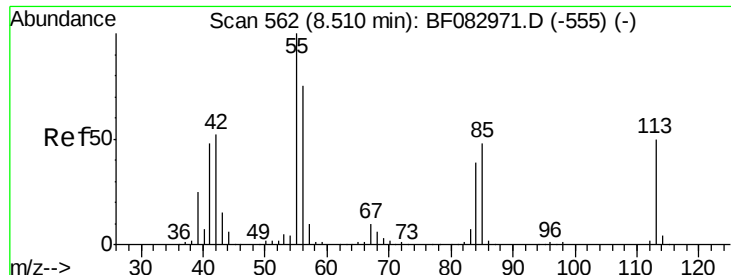
#34
Hexachlorobutadiene
Concen: 35.67 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:	225	Resp:	342615
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	62.8	50.2	75.2



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

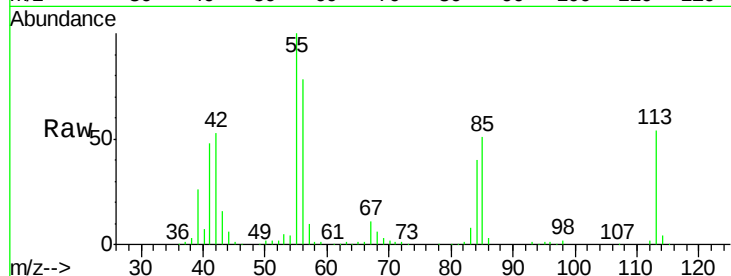




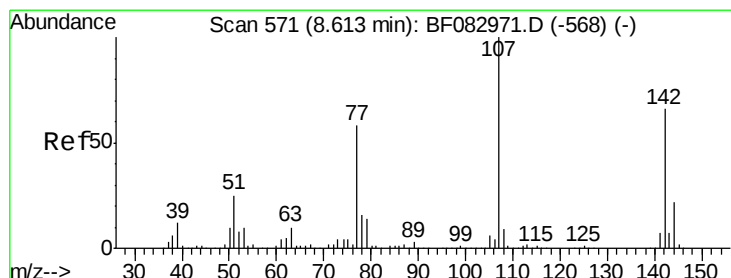
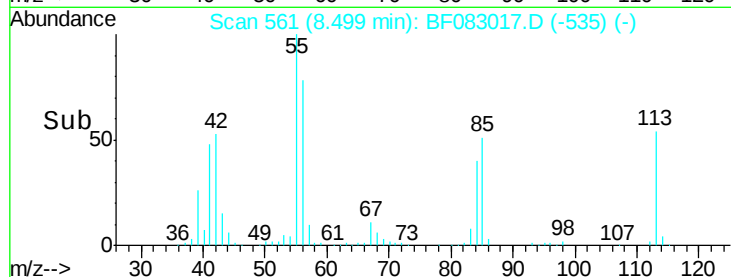
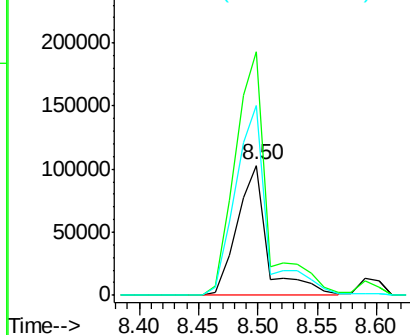
#35
 Caprolactam
 Concen: 42.60 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 183277
 Ion Ratio Lower Upper
 113 100
 55 186.9 195.5 235.5#
 56 145.5 153.5 193.5#

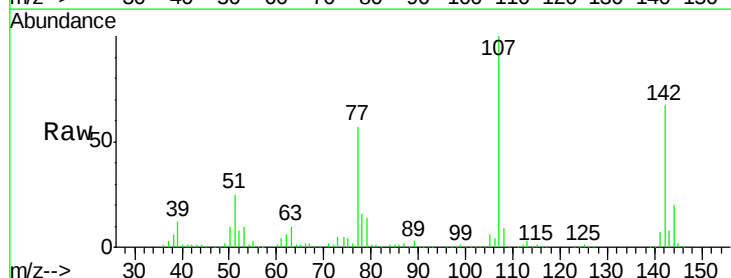


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

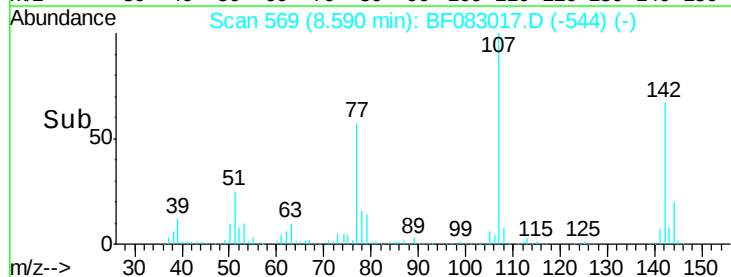
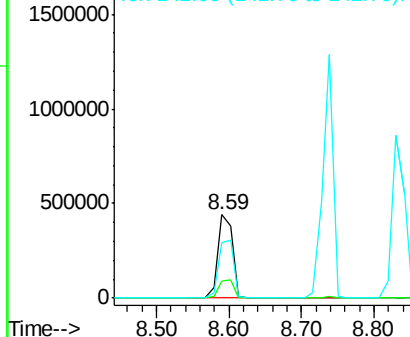


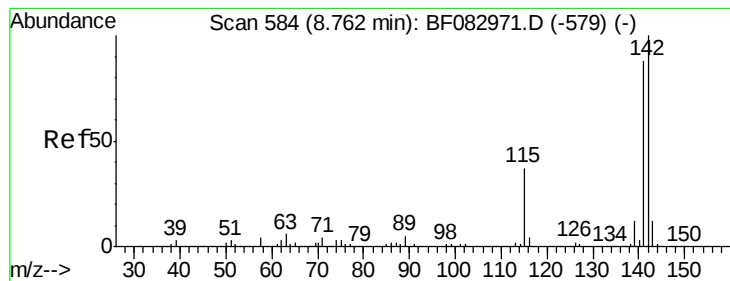
#36
 4-Chloro-3-methylphenol
 Concen: 38.08 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:107 Resp: 611090
 Ion Ratio Lower Upper
 107 100
 144 20.2 15.4 23.0
 142 66.7 47.8 71.8



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

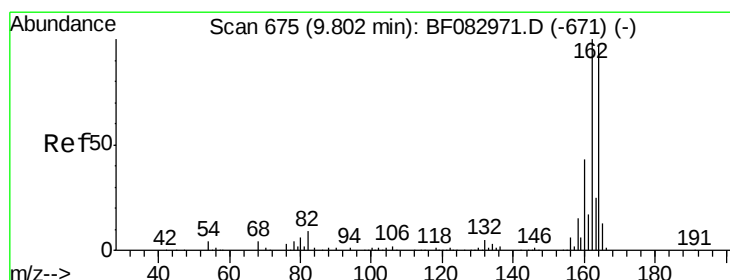
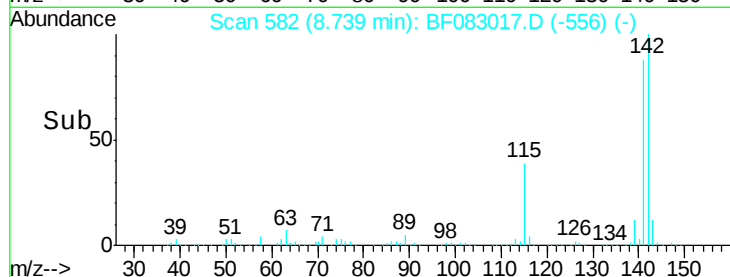
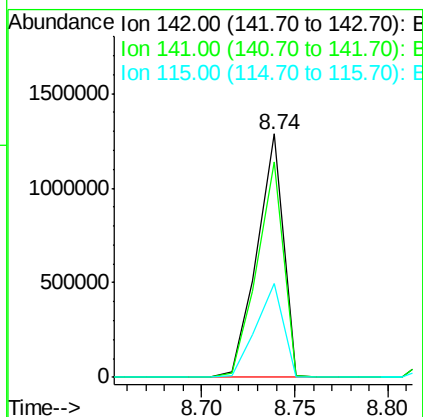
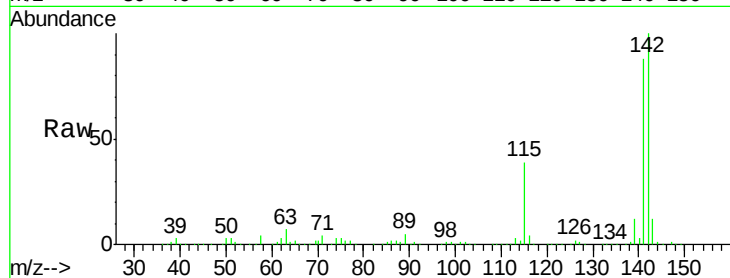




#37
2-Methylnaphthalene
Concen: 41.17 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

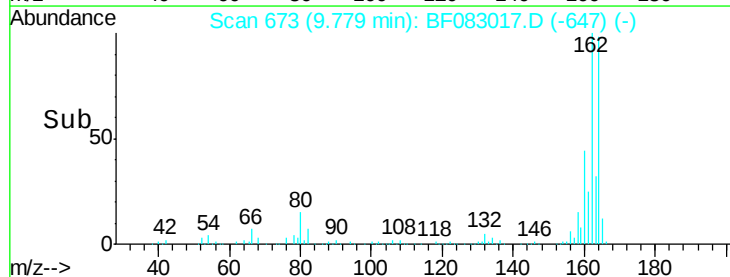
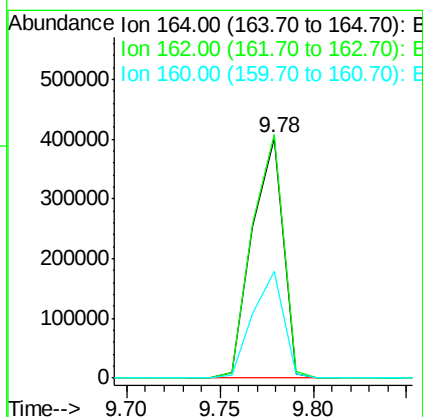
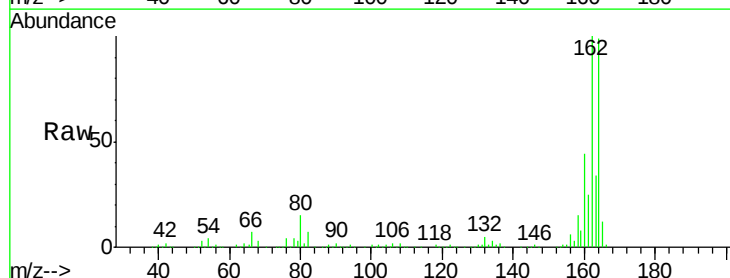
Instrument :
BNA_F
ClientSampleId :

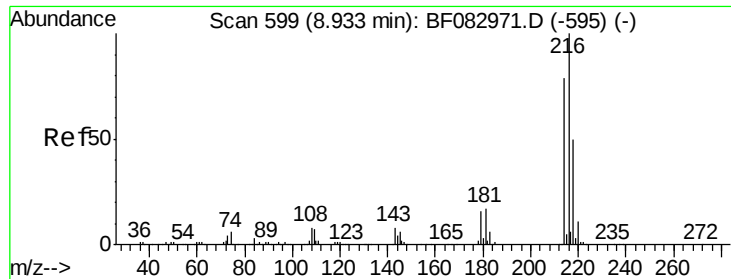
Tot Ion:142 Resp: 1258725
Ion Ratio Lower Upper
142 100
141 88.5 72.3 108.5
115 38.6 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:164 Resp: 460174
Ion Ratio Lower Upper
164 100
162 101.5 84.9 127.3
160 44.7 37.5 56.3

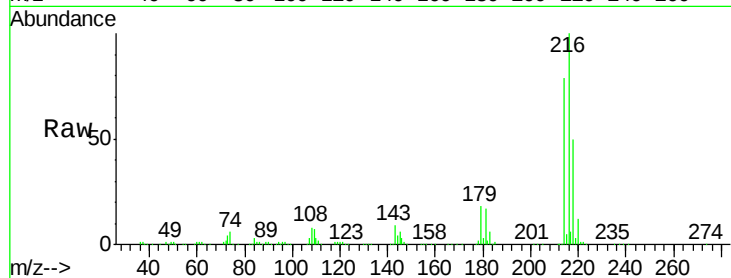




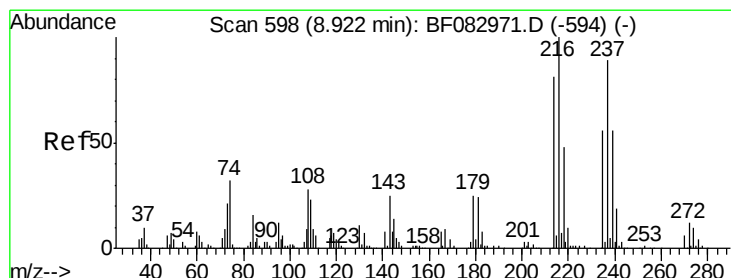
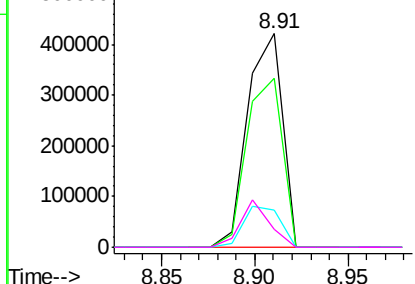
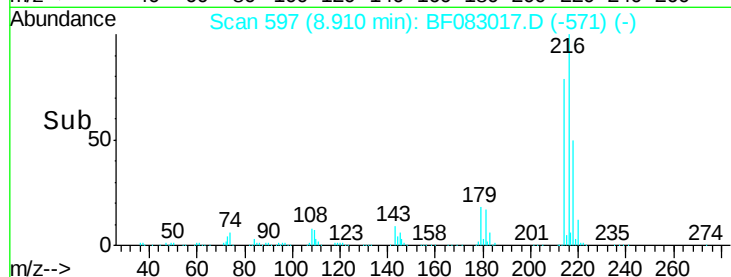
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.05 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	545139
Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.2	93.2
179	20.6	18.1	27.1
108	18.3	16.6	25.0

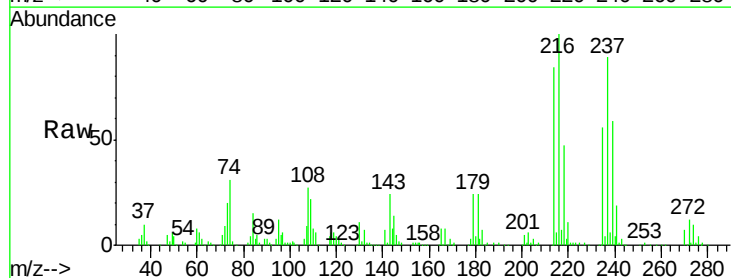


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

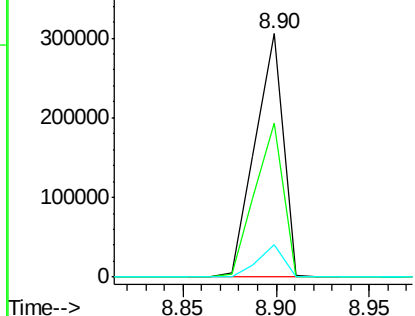
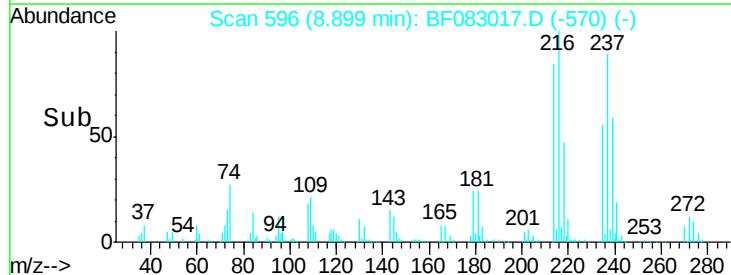


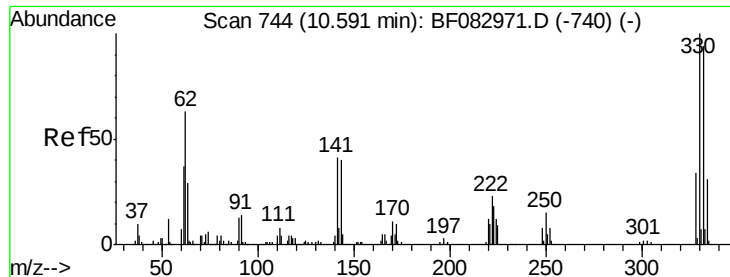
#40
 Hexachlorocyclopentadiene
 Concen: 39.13 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:	237	Resp:	317891
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.3	84.3
272	13.5	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

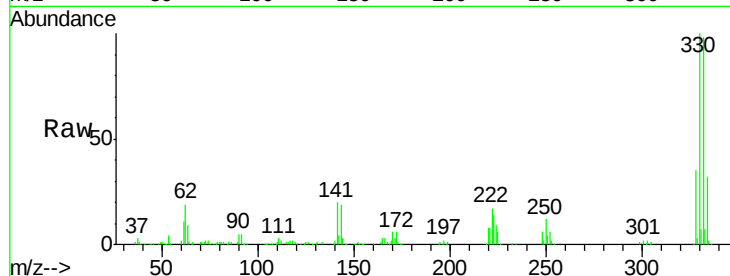




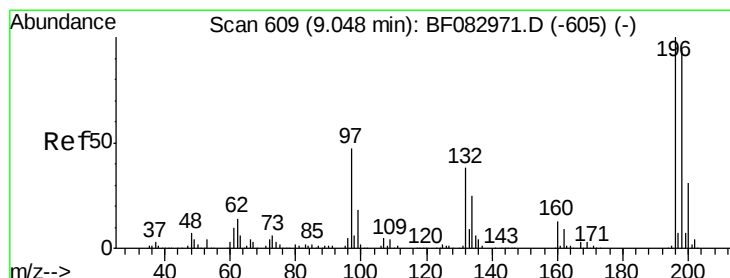
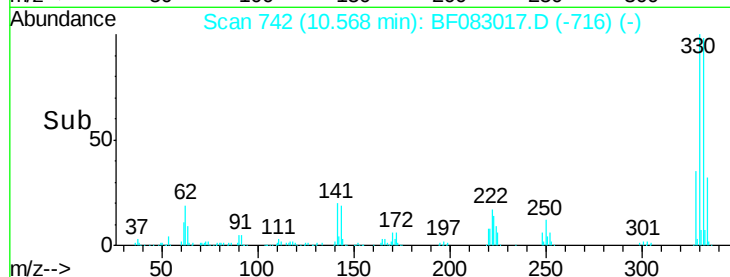
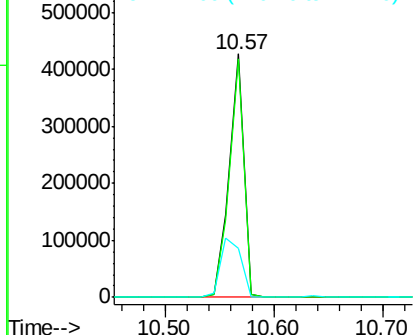
#41
 2,4,6-Tribromophenol
 Concen: 76.20 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 402083
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 34.1 41.2 61.8#

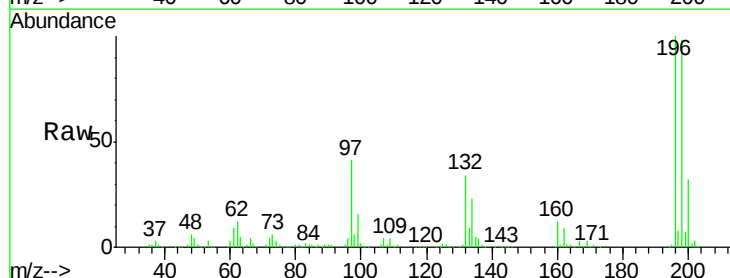


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

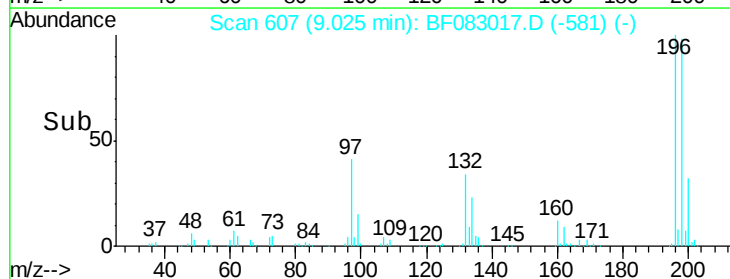
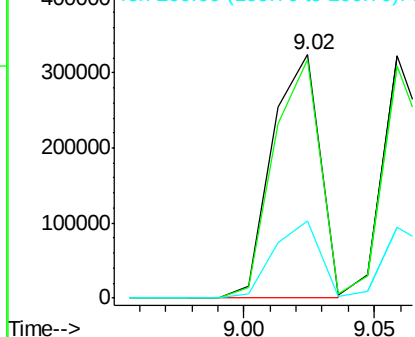


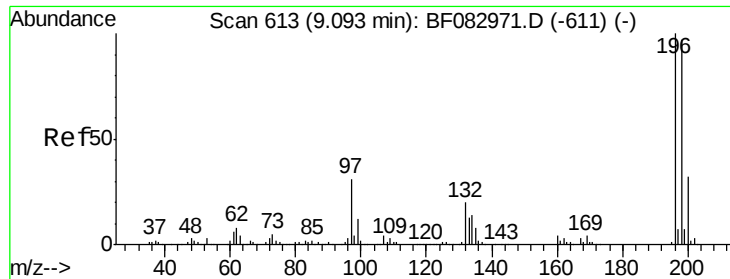
#42
 2,4,6-Trichlorophenol
 Concen: 36.37 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:196 Resp: 410527
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.3 114.5
 200 31.7 23.9 35.9



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

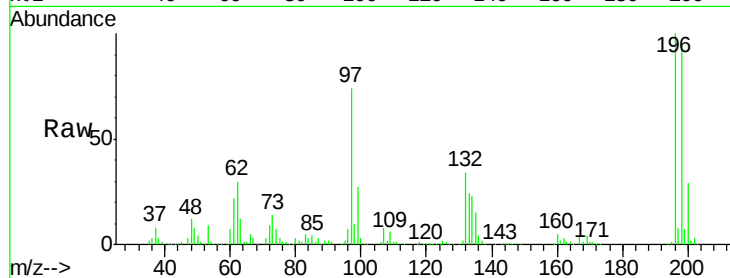




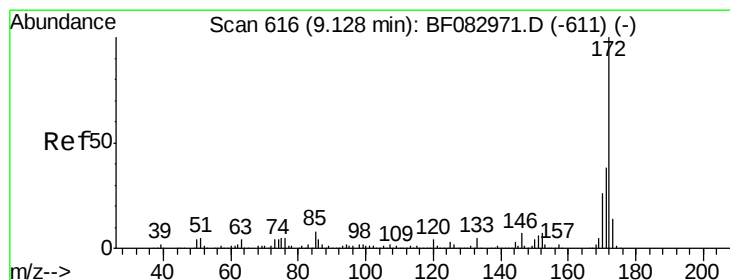
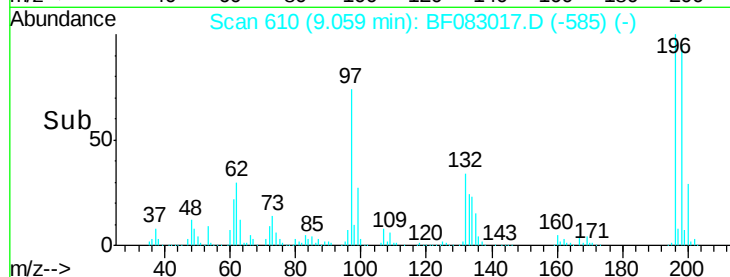
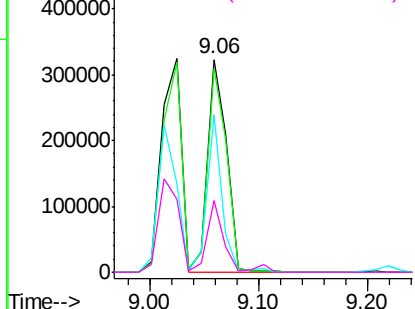
#43
 2,4,5-Trichlorophenol
 Concen: 35.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	393780
Ion Ratio	Lower	Upper
196	100	
198	95.5	75.8 113.8
97	74.2	62.3 93.5
132	33.7	27.4 41.2

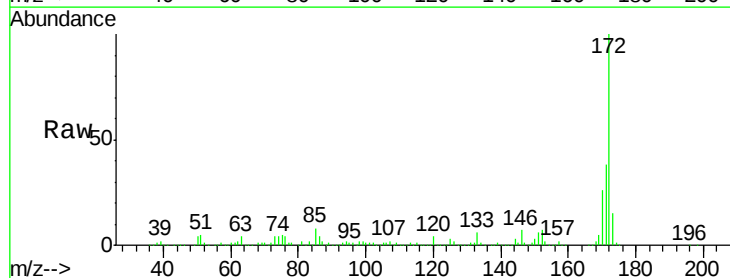


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

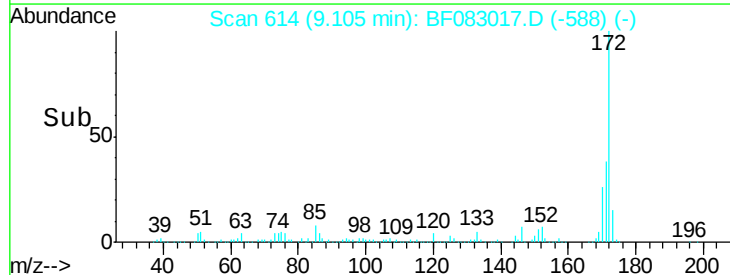
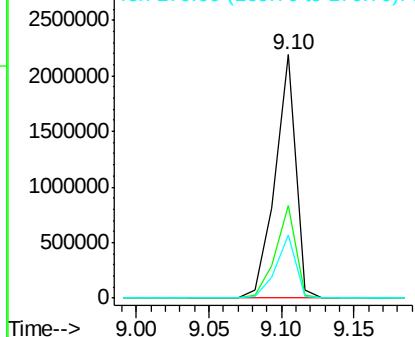


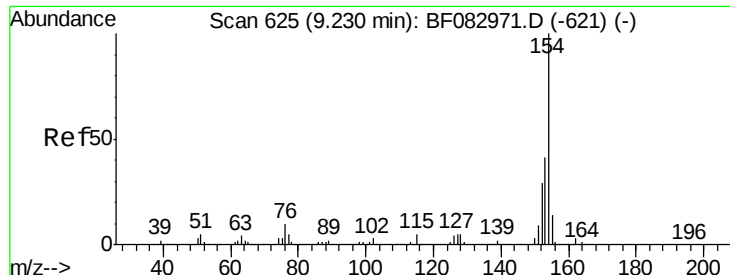
#44
 2-Fluorobiphenyl
 Concen: 67.13 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:172	Resp:	2155447
Ion Ratio	Lower	Upper
172	100	
171	38.0	30.8 46.2
170	26.0	21.2 31.8



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

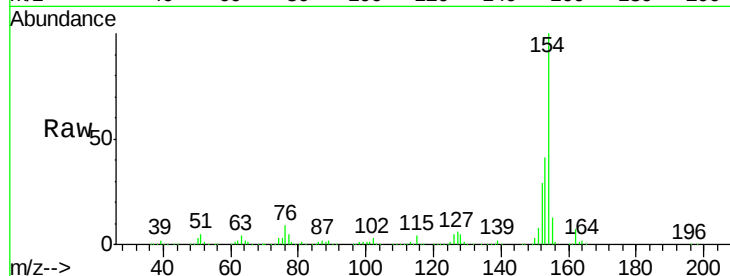




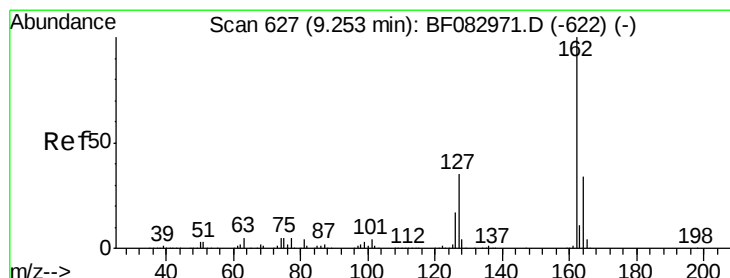
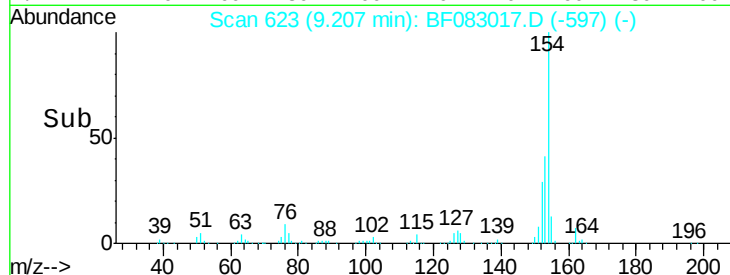
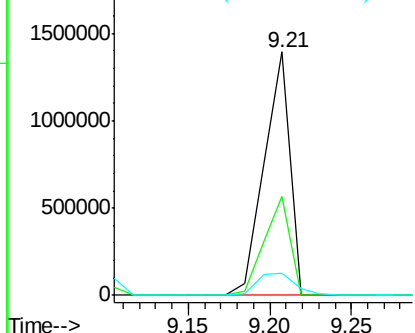
#45
 1,1'-Biphenyl
 Concen: 38.62 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1524827
 Ion Ratio Lower Upper
 154 100
 153 40.8 22.0 62.0
 76 9.0 0.0 29.0

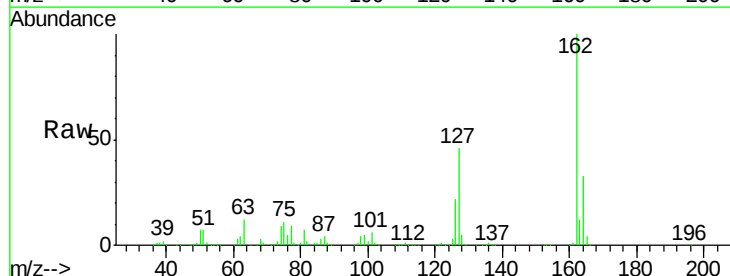


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

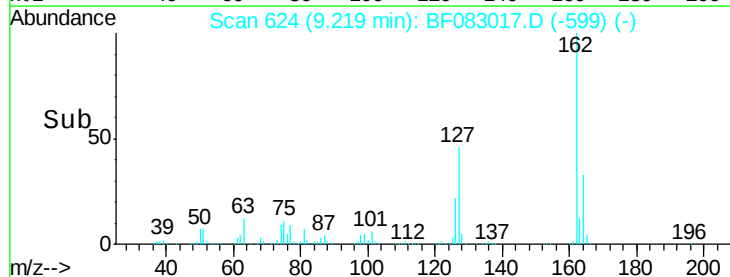
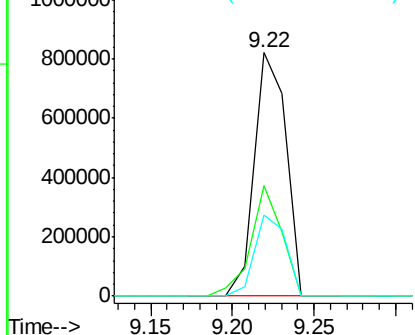


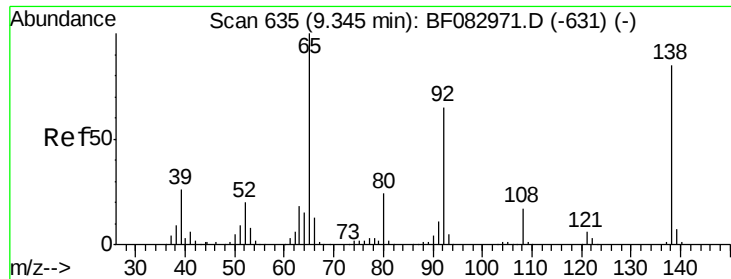
#46
 2-Chloronaphthalene
 Concen: 35.80 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:162 Resp: 1102777
 Ion Ratio Lower Upper
 162 100
 127 45.6 32.7 49.1
 164 33.1 27.4 41.0



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

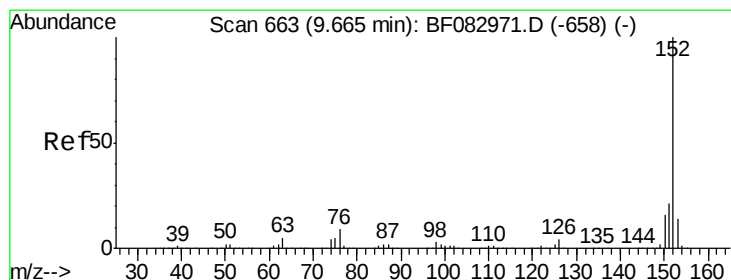
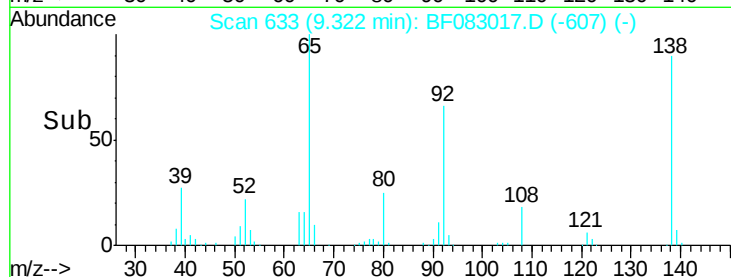
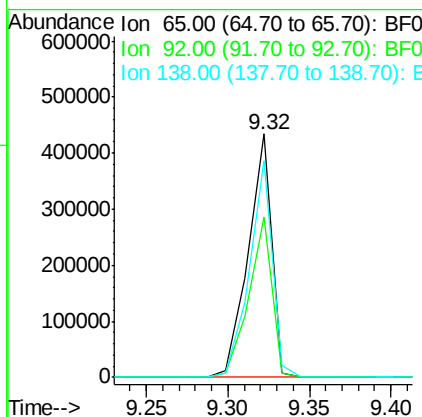
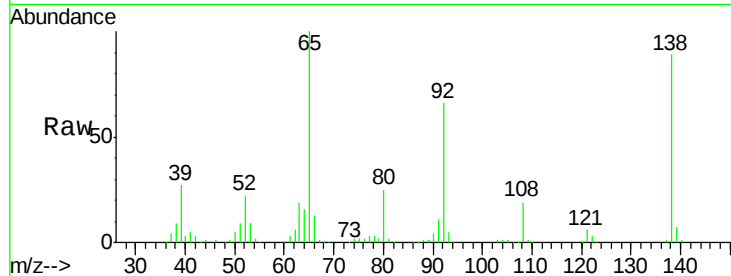




#47
2-Nitroaniline
Concen: 37.98 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

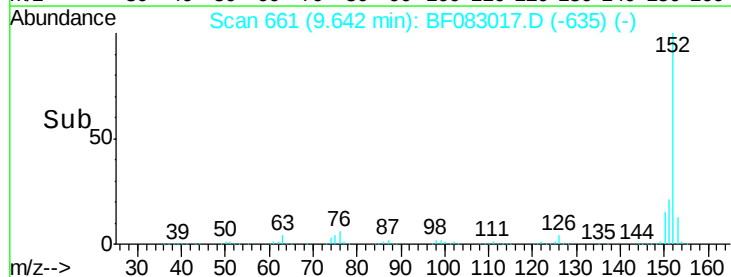
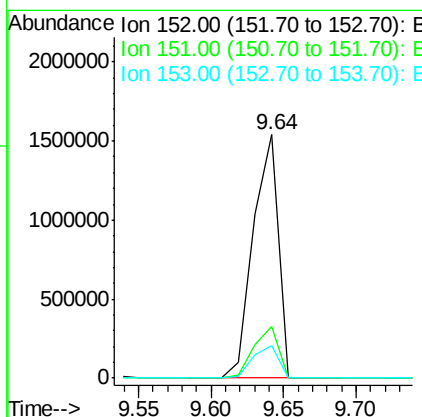
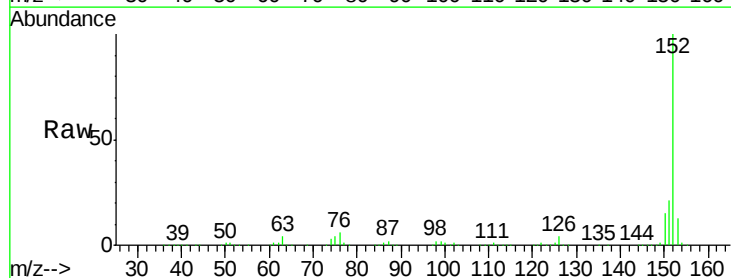
Instrument :
BNA_F
ClientSampleId :

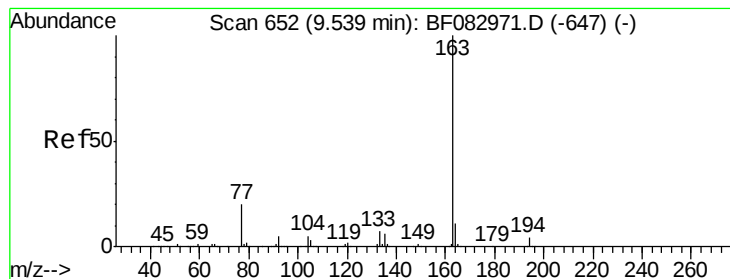
Tot Ion: 65 Resp: 433966
Ion Ratio Lower Upper
65 100
92 65.9 46.6 70.0
138 89.2 54.6 81.8#



#48
Acenaphthylene
Concen: 38.25 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 152 Resp: 1846174
Ion Ratio Lower Upper
152 100
151 21.0 17.3 25.9
153 13.3 11.3 16.9





#49

Dimethylphthalate

Concen: 36.50 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

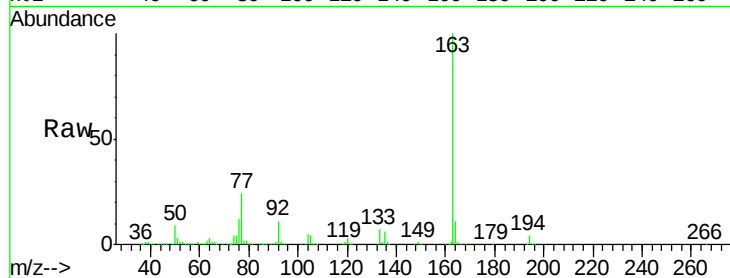
Tot Ion:163 Resp: 1376301

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

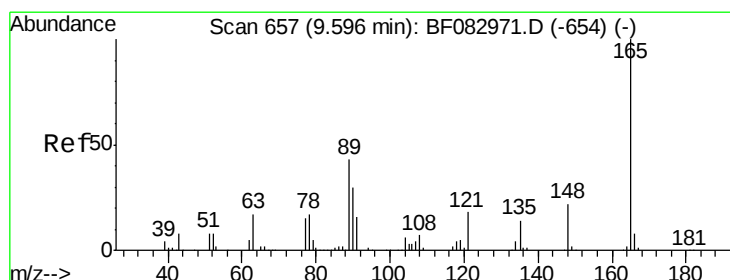
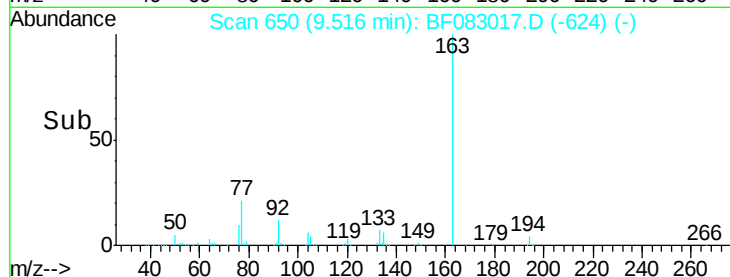
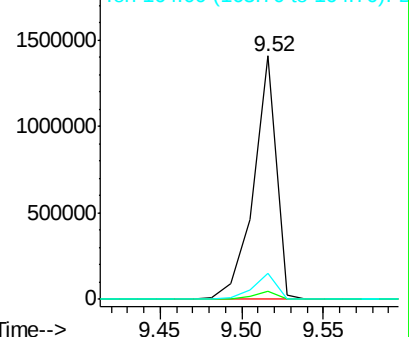
164 10.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.50 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

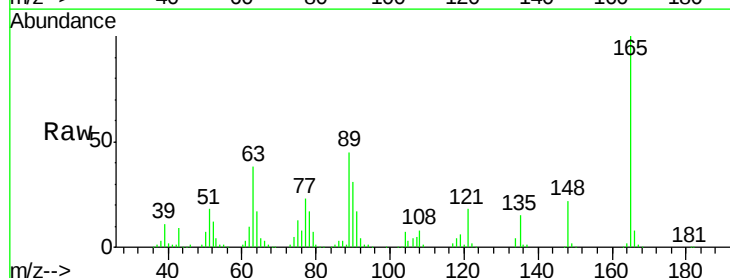
Tgt Ion:165 Resp: 341892

Ion Ratio Lower Upper

165 100

63 37.8 55.5 83.3#

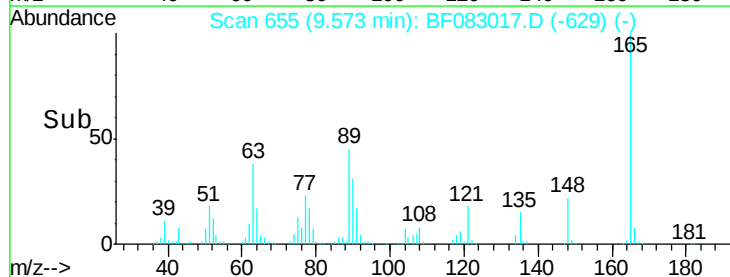
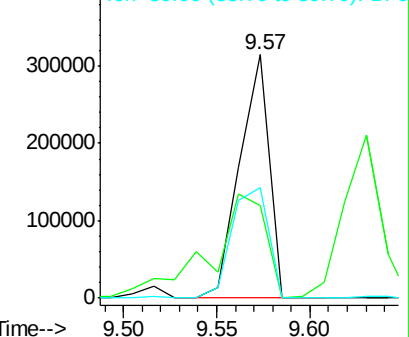
89 45.2 55.0 82.6#

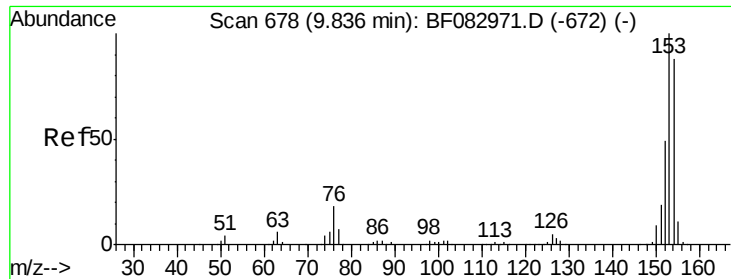


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

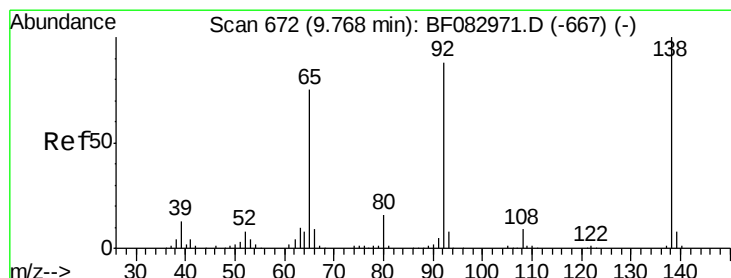
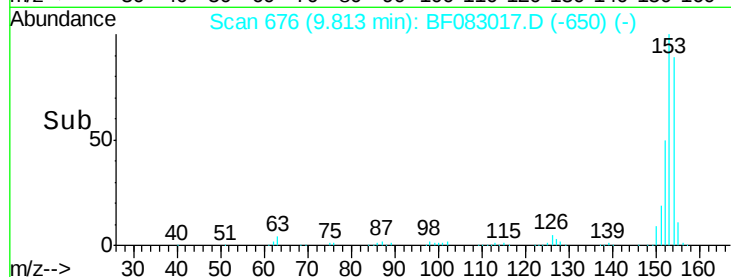
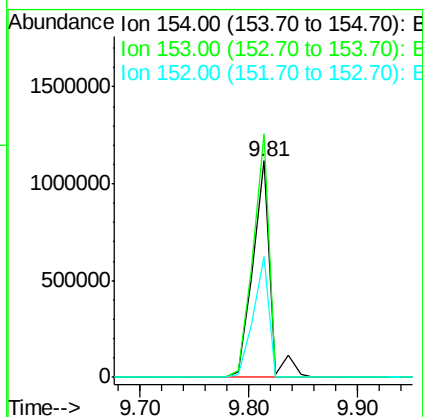
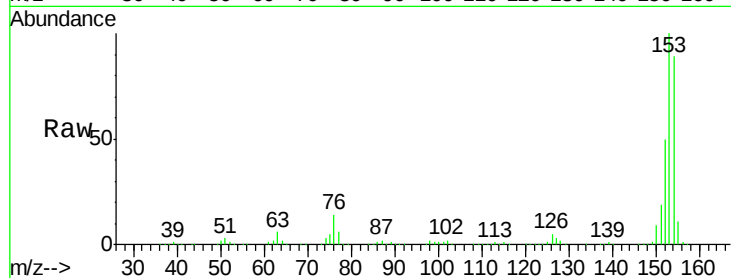




#51
Acenaphthene
Concen: 40.48 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

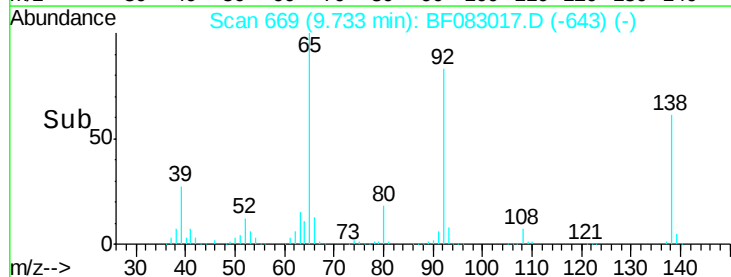
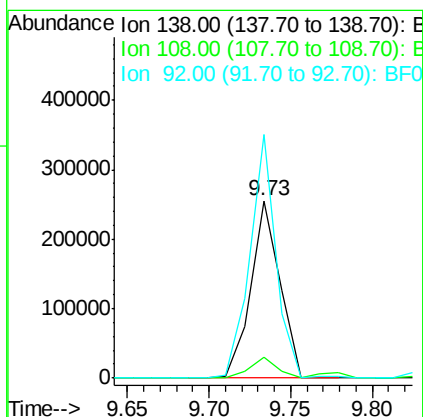
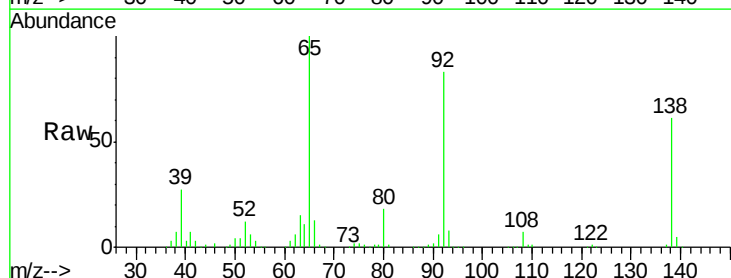
Instrument :
BNA_F
ClientSampleId :

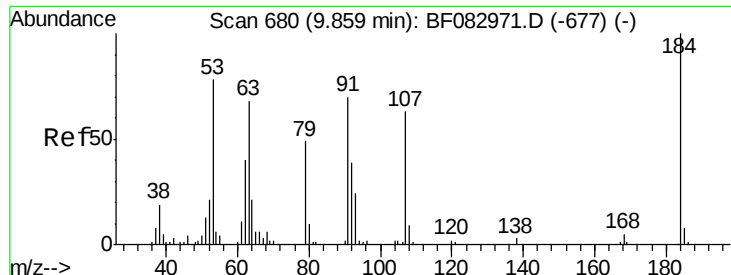
Tot Ion:154 Resp: 1238393
Ion Ratio Lower Upper
154 100
153 112.4 90.1 135.1
152 55.7 44.3 66.5



#52
3-Nitroaniline
Concen: 35.80 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:138 Resp: 316783
Ion Ratio Lower Upper
138 100
108 11.6 11.3 16.9
92 137.0 122.4 183.6

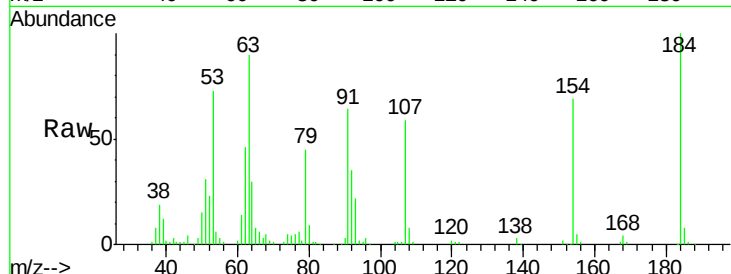




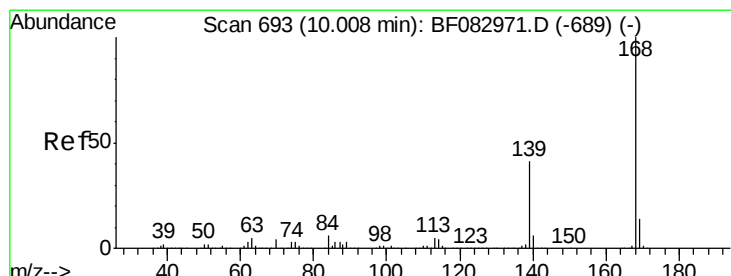
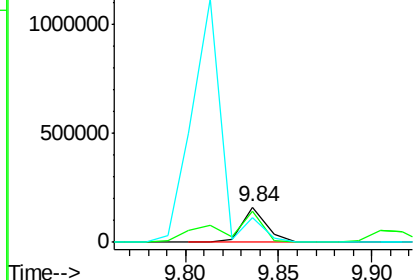
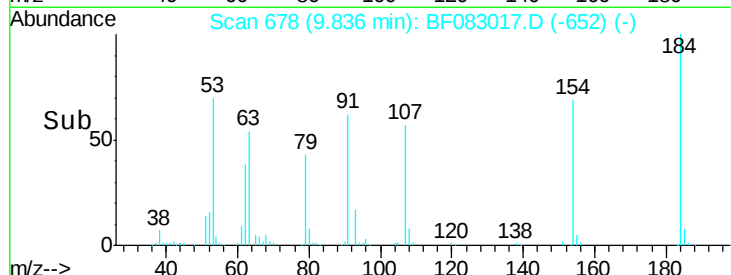
#53
2,4-Dinitrophenol
Concen: 34.05 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 150395
Ion Ratio Lower Upper
184 100
63 90.4 98.6 148.0#
154 69.5 183.9 275.9#

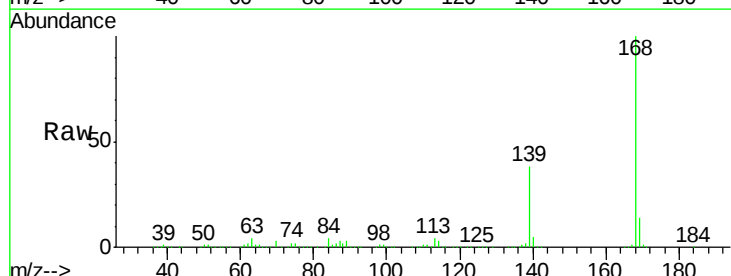


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

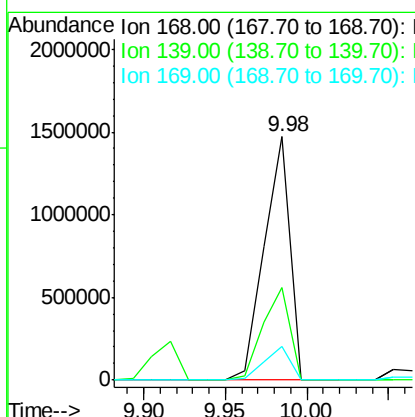
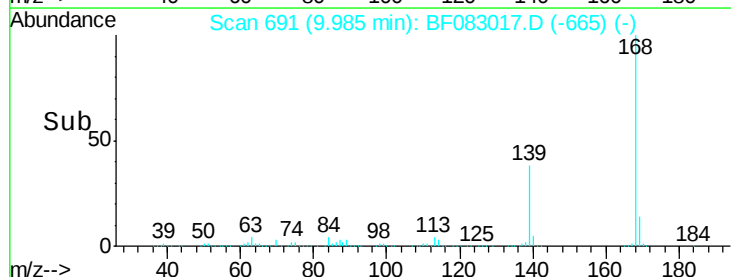


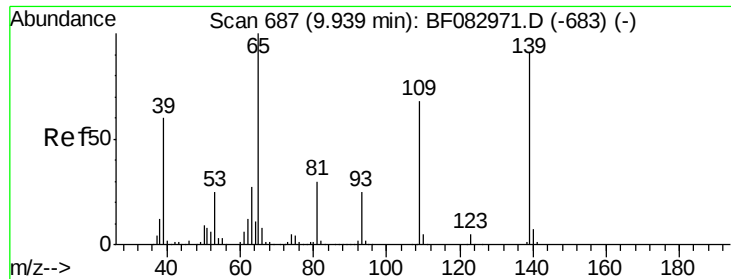
#54
Dibenzofuran
Concen: 38.86 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:168 Resp: 1602777
Ion Ratio Lower Upper
168 100
139 37.8 37.8 56.6
169 13.7 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: 39.65 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampled :

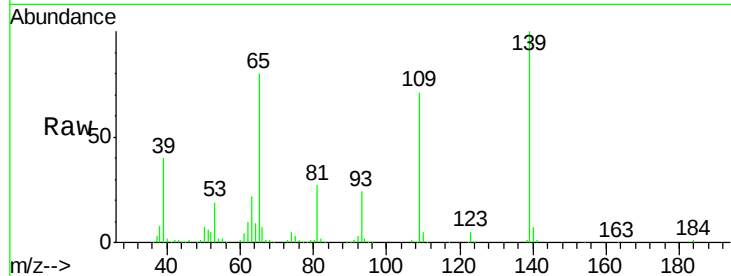
Tot Ion:139 Resp: 269132

Ion Ratio Lower Upper

139 100

109 71.1 73.7 113.7#

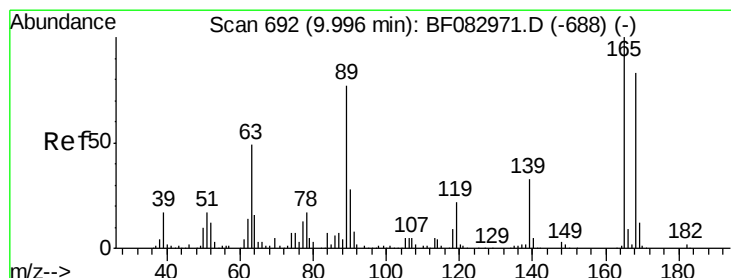
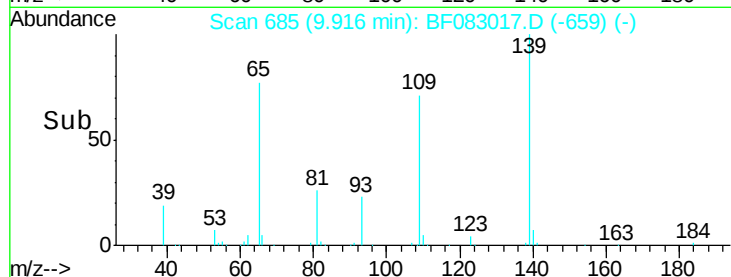
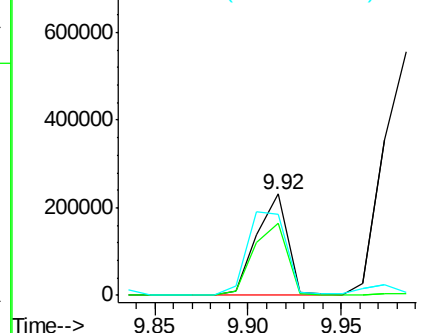
65 80.2 82.9 122.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.57 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Tgt Ion:165 Resp: 442837

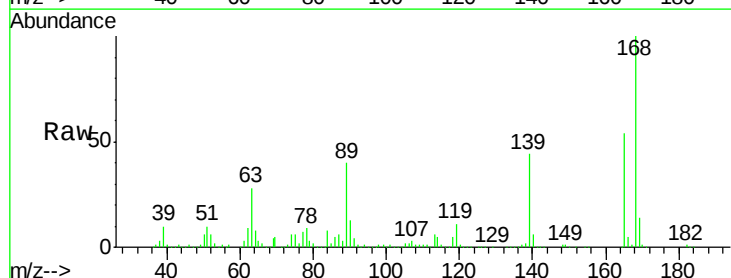
Ion Ratio Lower Upper

165 100

63 52.1 43.4 65.0

89 74.7 70.6 106.0

182 2.1 1.5 2.3

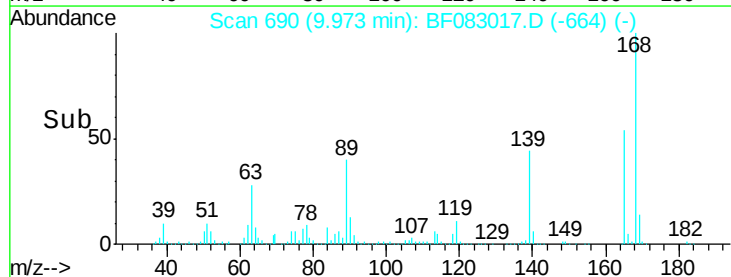
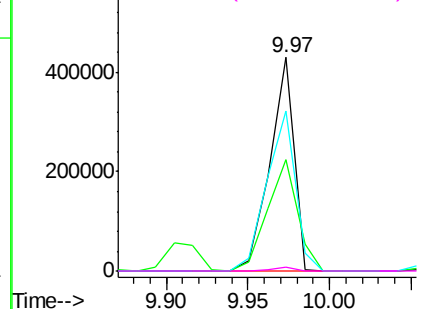


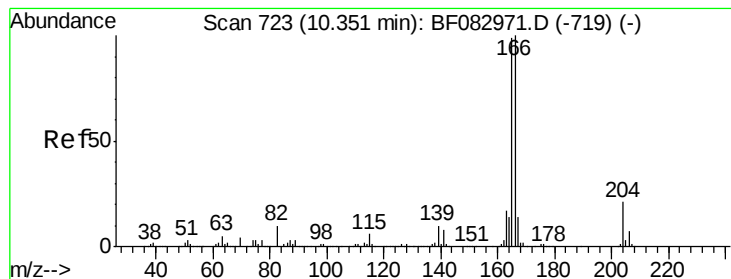
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.37 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

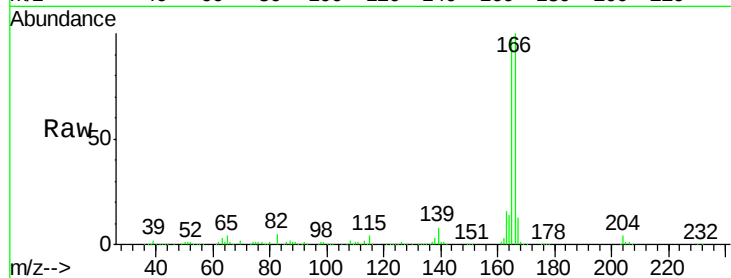
Tot Ion:166 Resp: 1248318

Ion Ratio Lower Upper

166 100

165 97.8 80.2 120.4

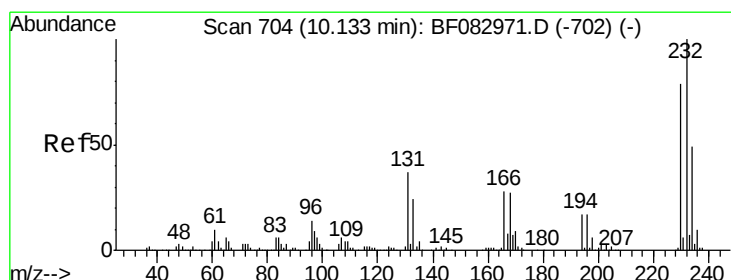
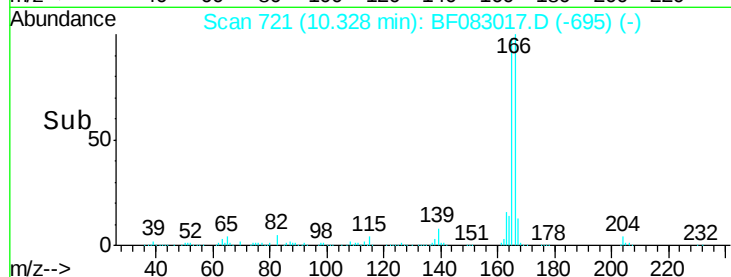
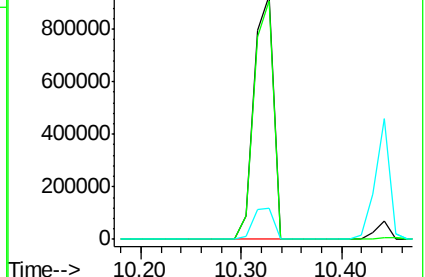
167 13.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.83 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Tgt Ion:232 Resp: 317375

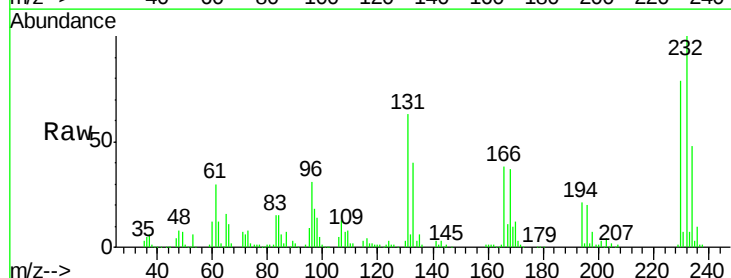
Ion Ratio Lower Upper

232 100

131 48.0 46.2 69.2

130 2.4 2.4 3.6#

166 30.5 28.2 42.2

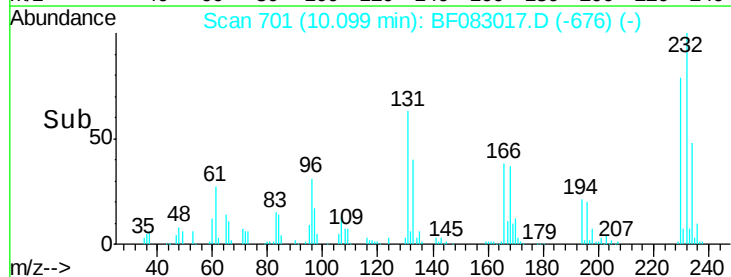
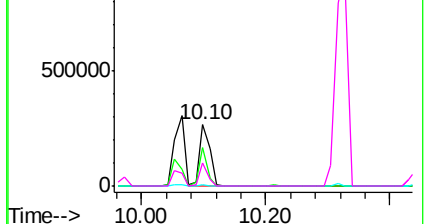


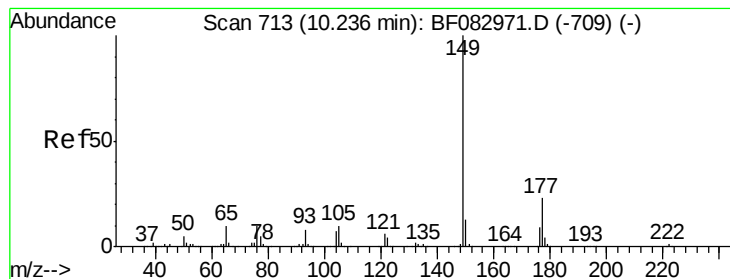
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.57 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

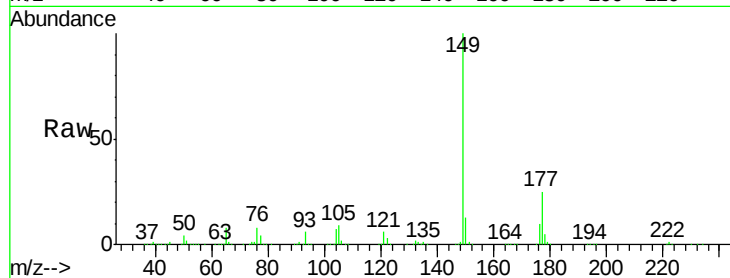
Tot Ion:149 Resp: 1419858

Ion Ratio Lower Upper

149 100

177 24.5 17.9 26.9

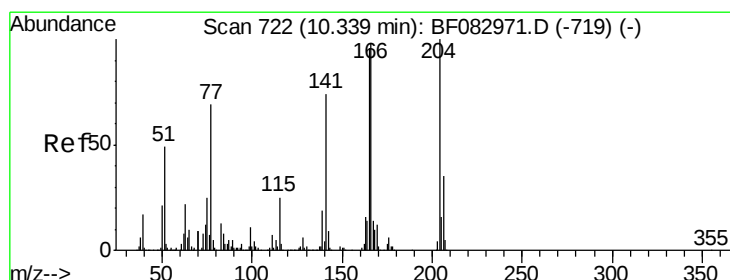
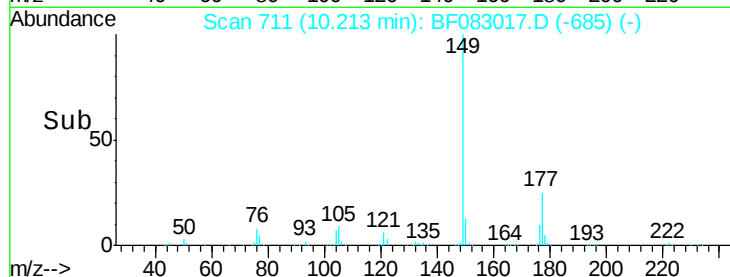
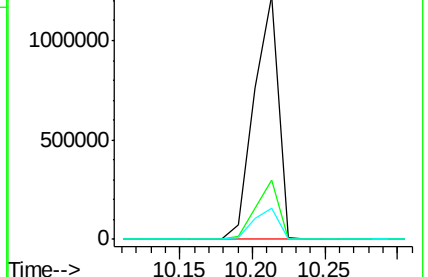
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.06 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

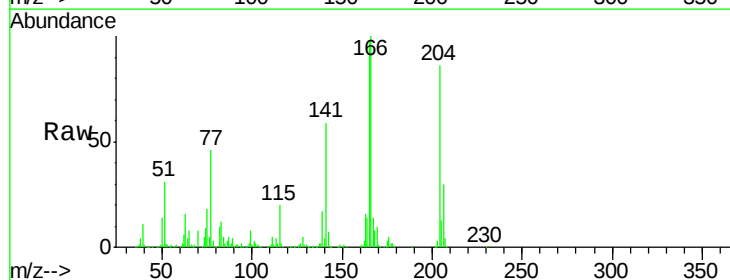
Tgt Ion:204 Resp: 552479

Ion Ratio Lower Upper

204 100

206 35.3 28.5 42.7

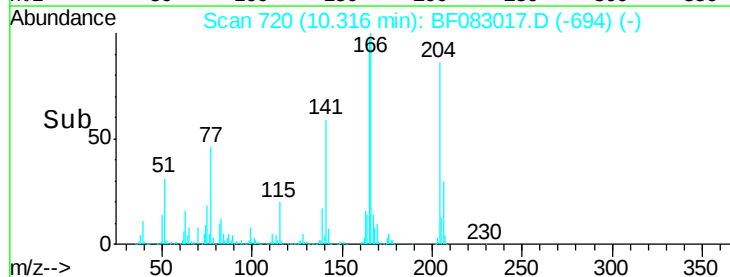
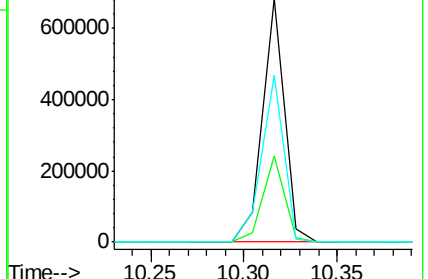
141 68.6 44.6 66.8#

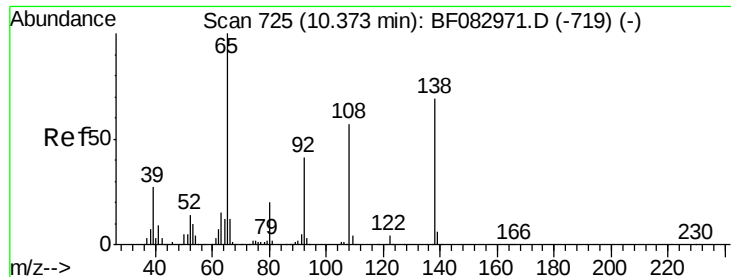


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

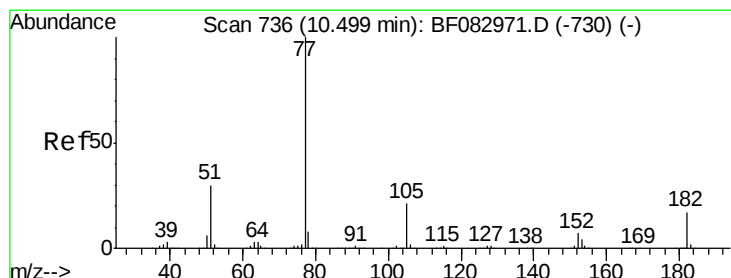
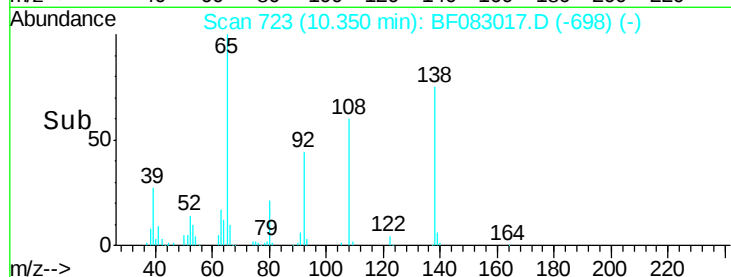
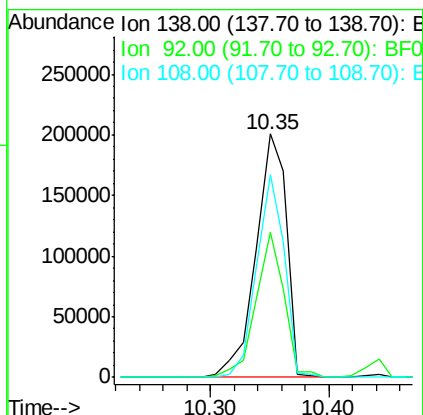
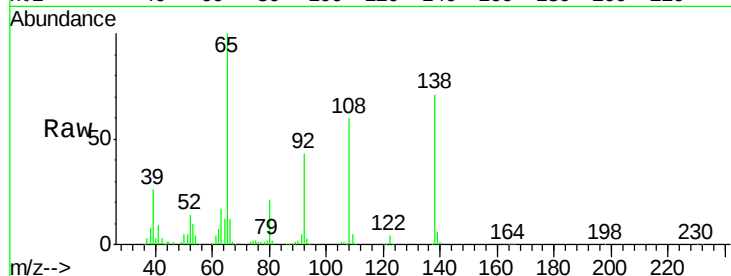




#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

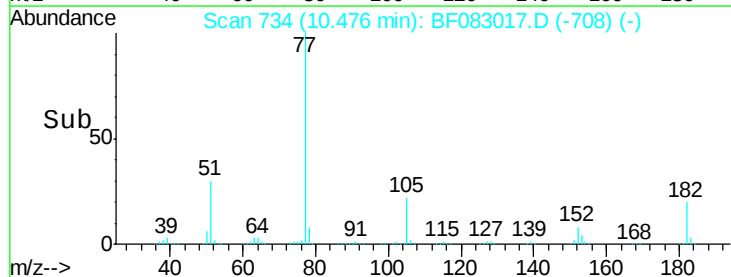
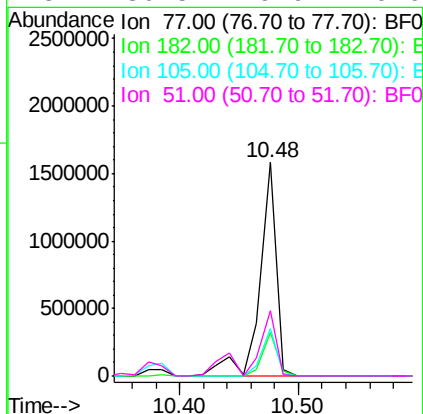
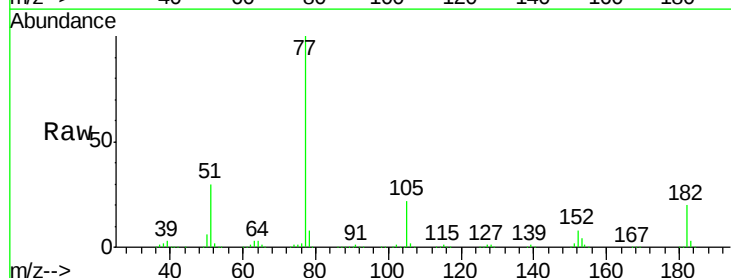
Instrument :
BNA_F
ClientSampleId :

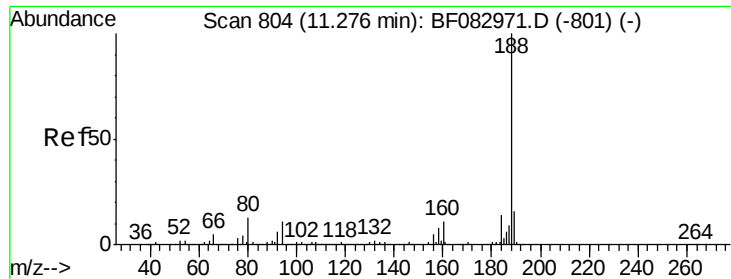
Tot Ion:138 Resp: 361249
Ion Ratio Lower Upper
138 100
92 59.6 45.8 85.8
108 83.3 89.4 129.4#



#62
Azobenzene
Concen: 39.28 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion: 77 Resp: 1553220
Ion Ratio Lower Upper
77 100
182 20.2 9.3 49.3
105 22.0 2.6 42.6
51 30.5 9.9 49.9

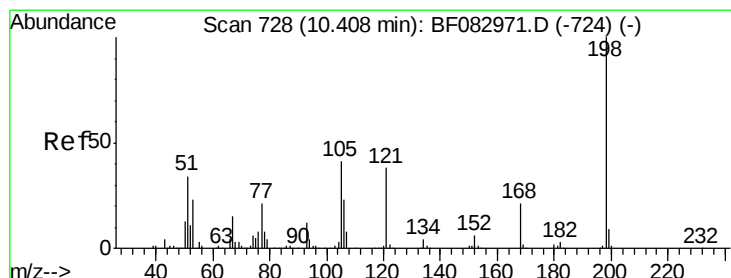
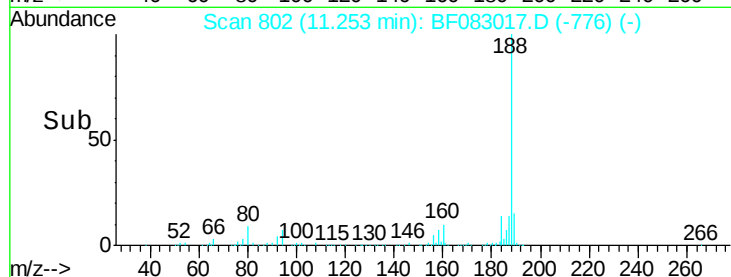
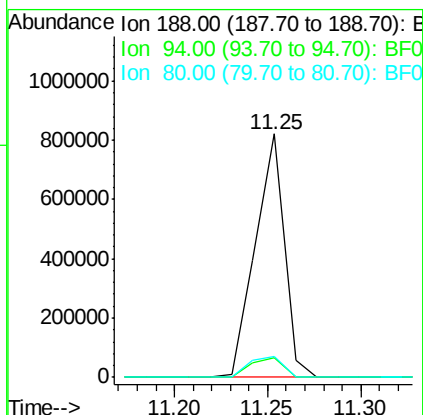
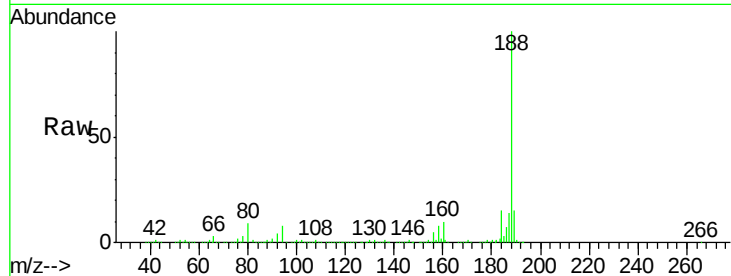




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

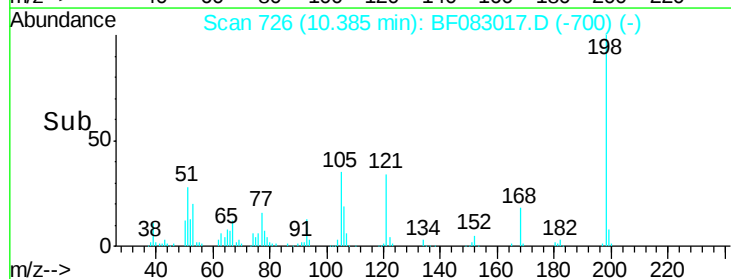
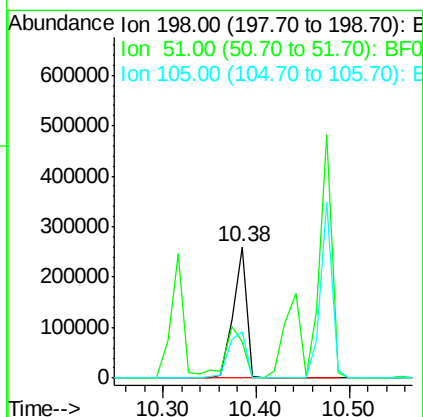
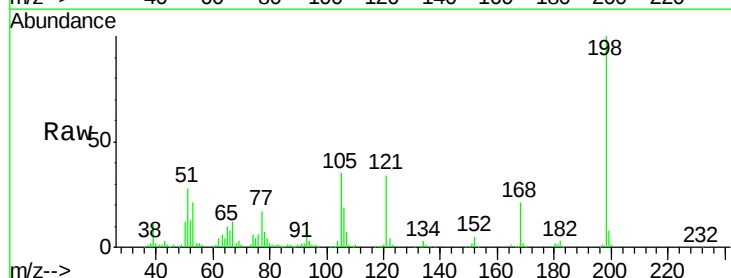
Instrument :
BNA_F
ClientSampled :

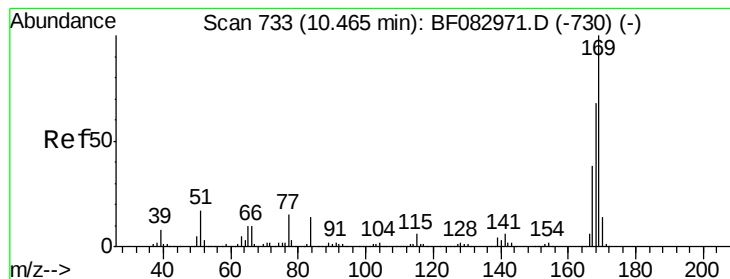
Tot Ion:188 Resp: 878427
Ion Ratio Lower Upper
188 100
94 7.9 6.1 9.1
80 8.7 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 42.59 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF083017.D
Acq: 18 Nov 2015 18:31

Tgt Ion:198 Resp: 266516
Ion Ratio Lower Upper
198 100
51 27.9 17.3 57.3
105 35.2 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 37.54 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

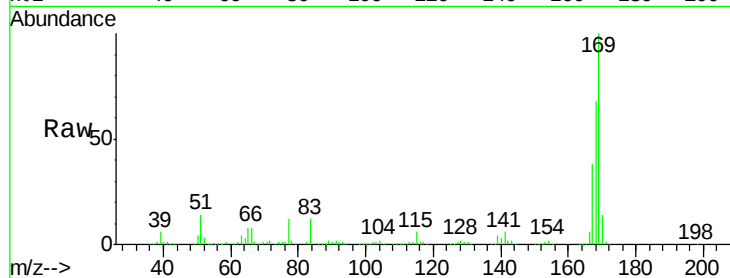
Tot Ion:169 Resp: 1191453

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.6

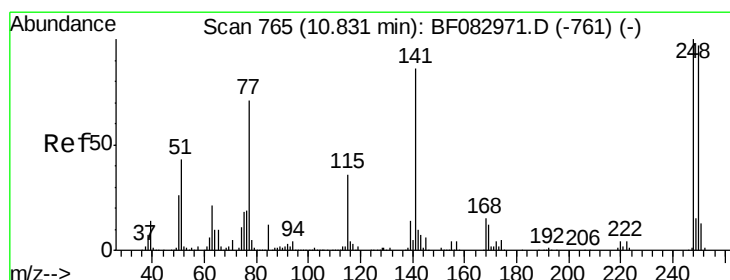
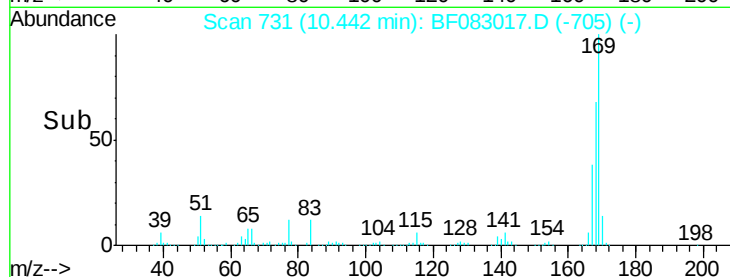
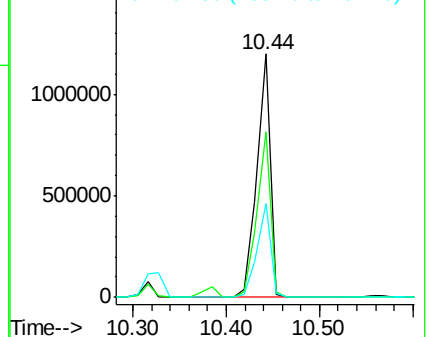
167 38.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.09 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

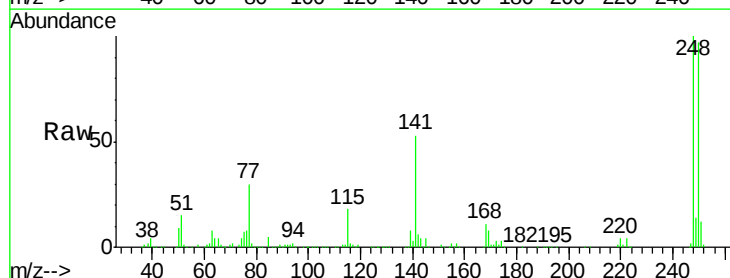
Tgt Ion:248 Resp: 402839

Ion Ratio Lower Upper

248 100

250 96.8 79.4 119.2

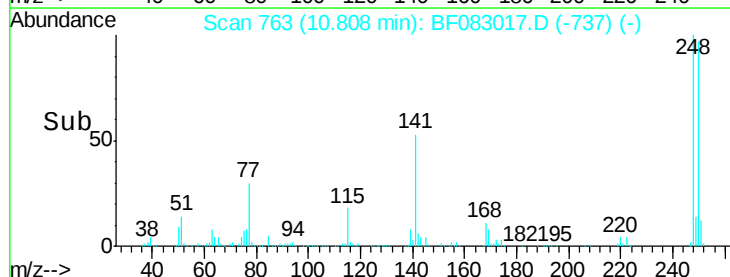
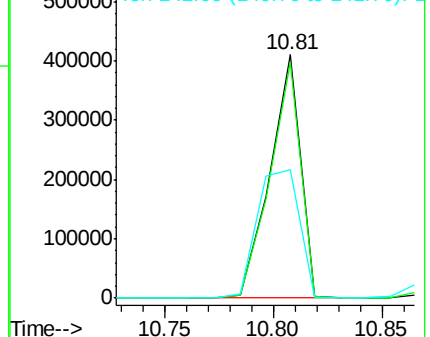
141 52.9 36.3 54.5

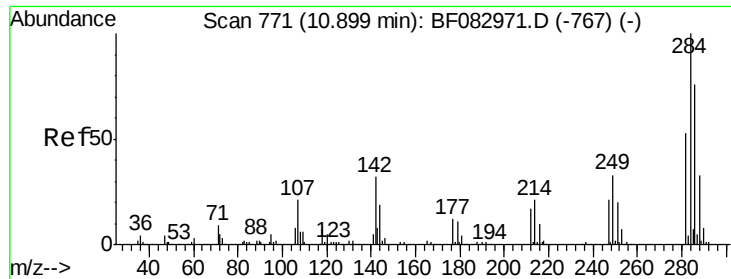


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.91 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

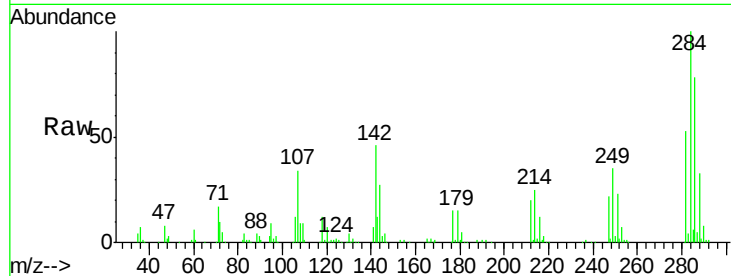
Tot Ion:284 Resp: 412334

Ion Ratio Lower Upper

284 100

142 45.7 47.9 71.9#

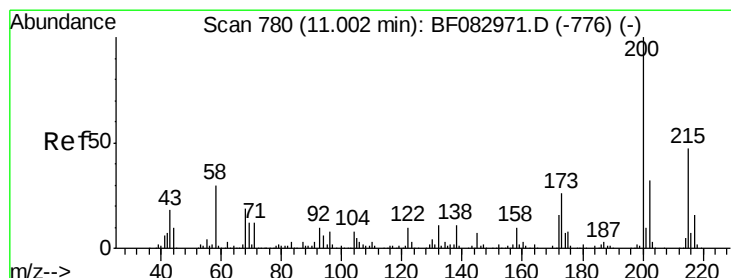
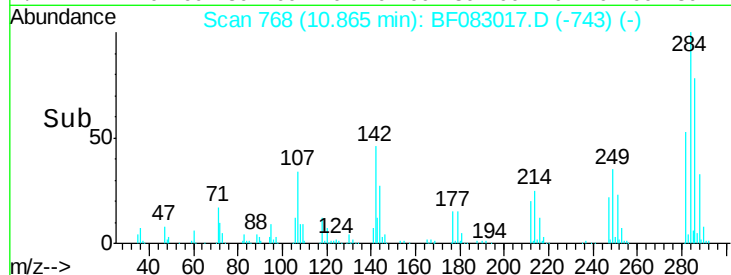
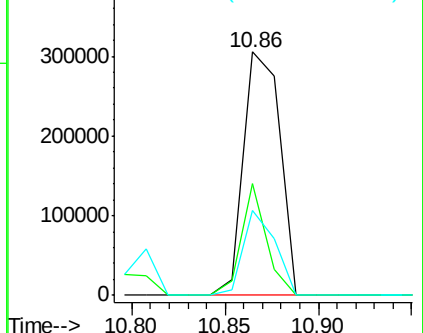
249 35.1 29.7 44.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.73 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

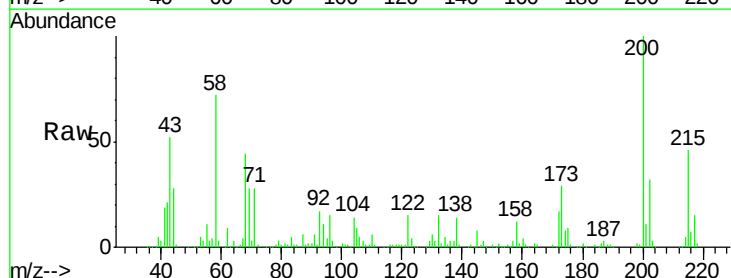
Tgt Ion:200 Resp: 311407

Ion Ratio Lower Upper

200 100

173 28.6 6.9 46.9

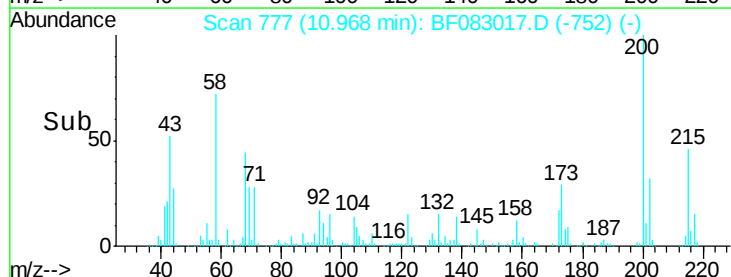
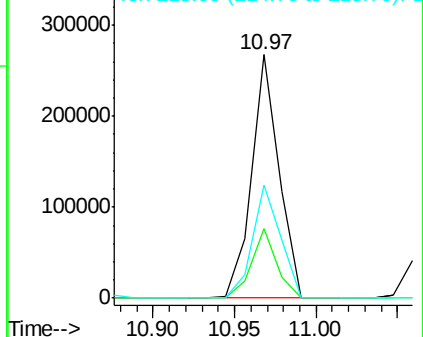
215 46.4 22.9 62.9

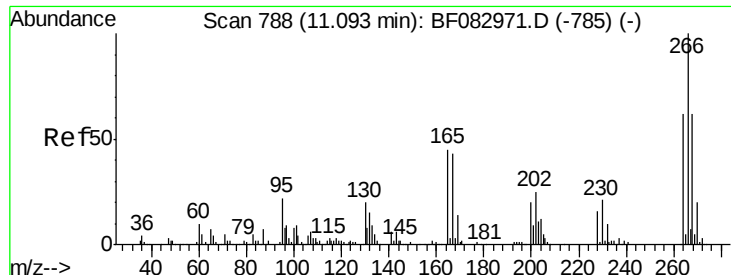


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

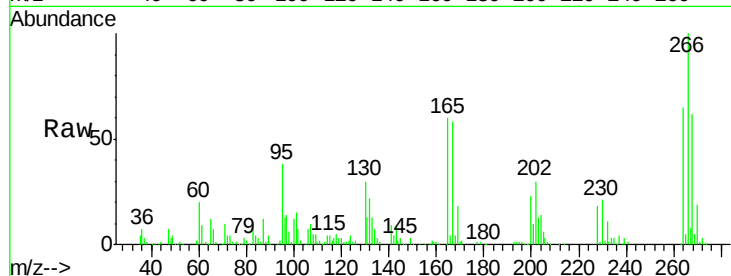




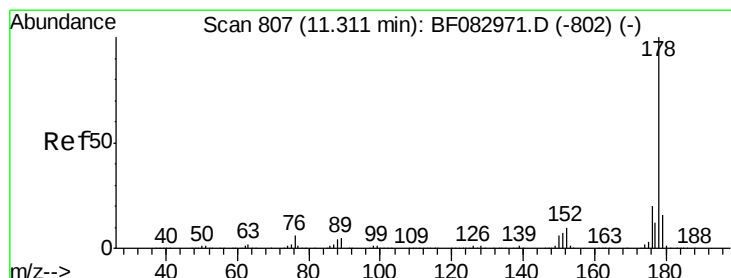
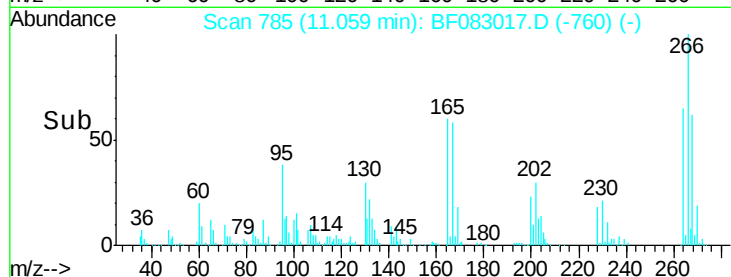
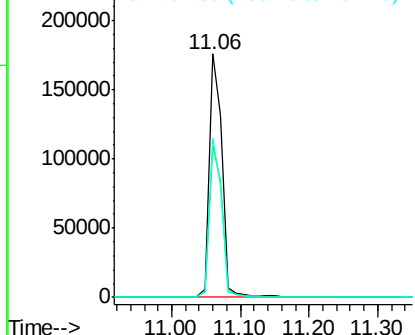
#69
 Pentachlorophenol
 Concen: 31.94 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 229054
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.0 76.6
 264 65.2 50.6 75.8

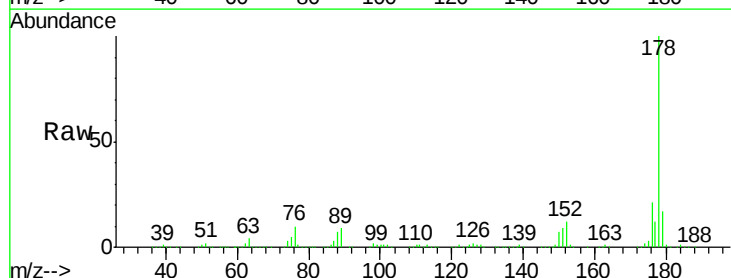


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

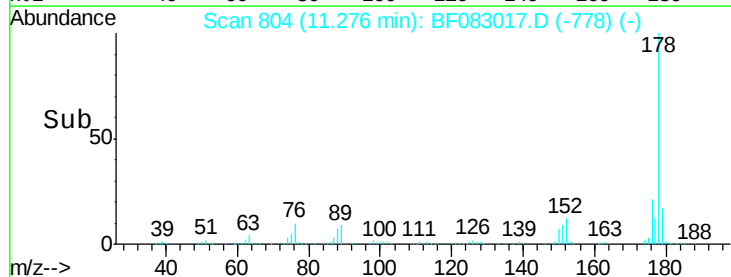
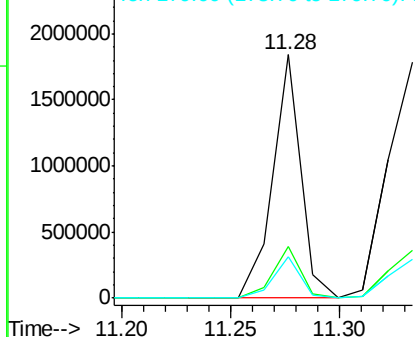


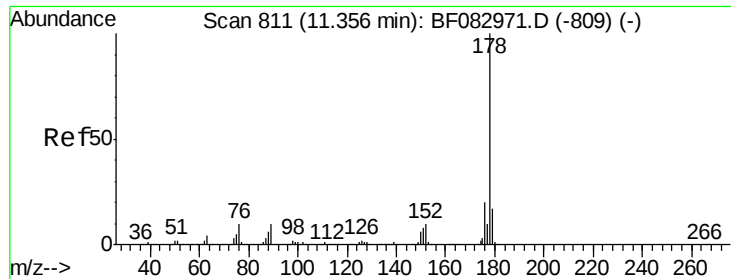
#70
 Phenanthrene
 Concen: 32.78 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:178 Resp: 1672152
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.0 25.4
 179 16.9 13.4 20.0



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

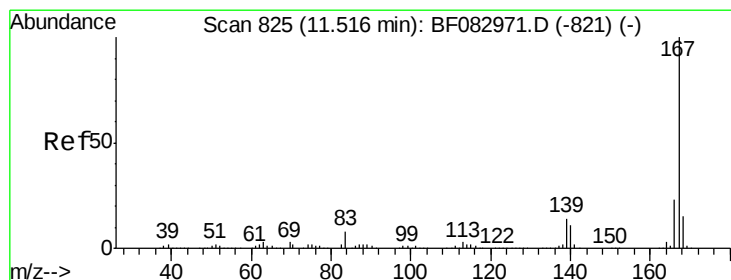
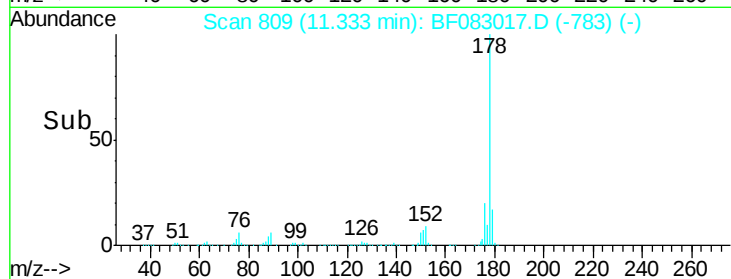
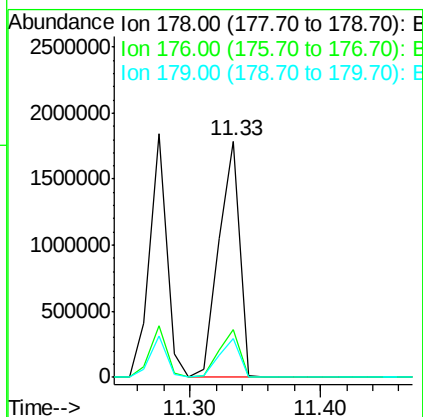
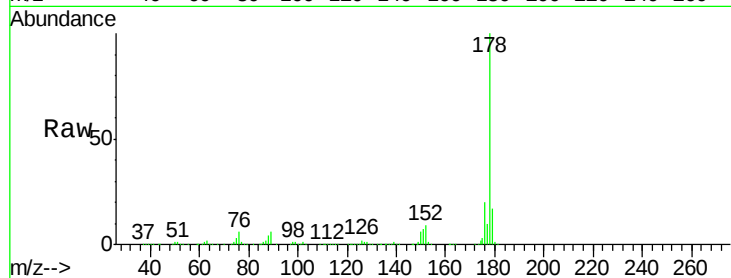




#71
 Anthracene
 Concen: 37.18 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

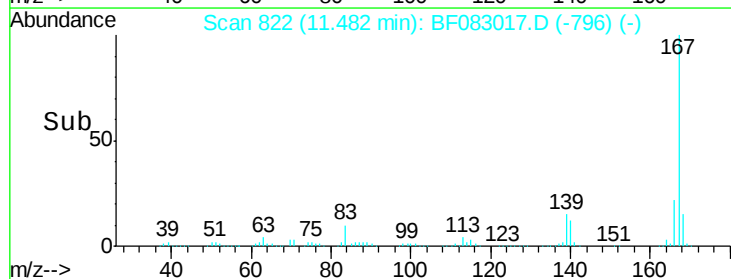
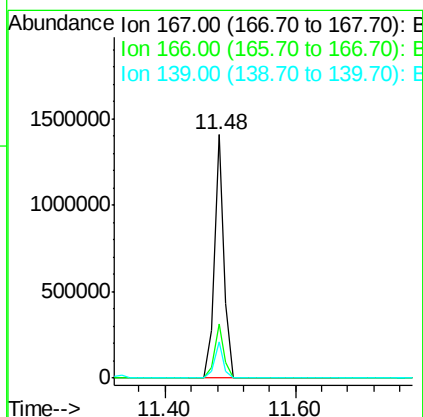
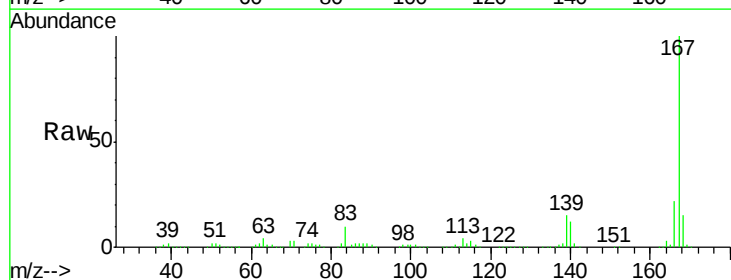
Instrument :
 BNA_F
 ClientSampleId :

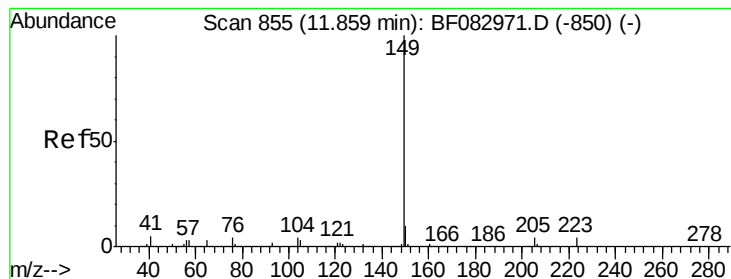
Tot Ion:178 Resp: 1998093
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.5 24.7
 179 16.6 13.2 19.8



#72
 Carbazole
 Concen: 31.15 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:167 Resp: 1465352
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 14.7 11.8 17.6





#73

Di-n-butylphthalate

Concen: 32.74 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

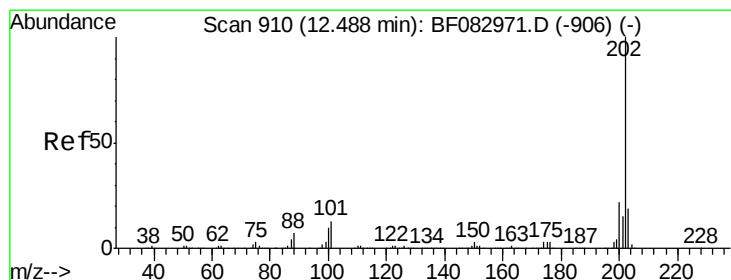
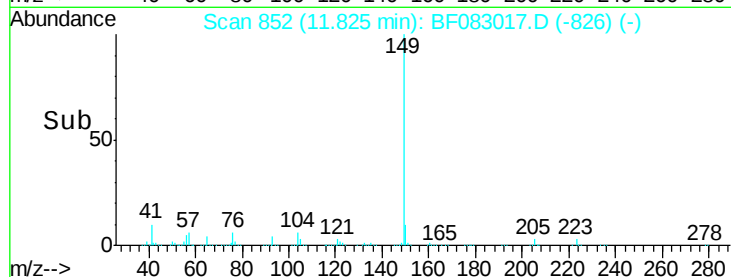
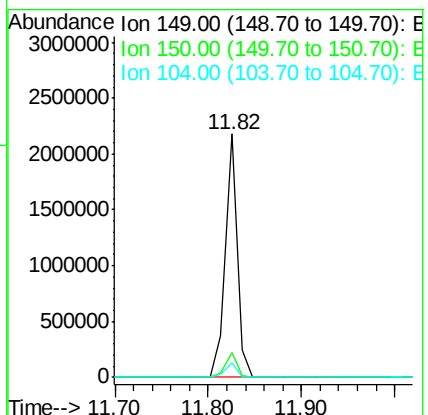
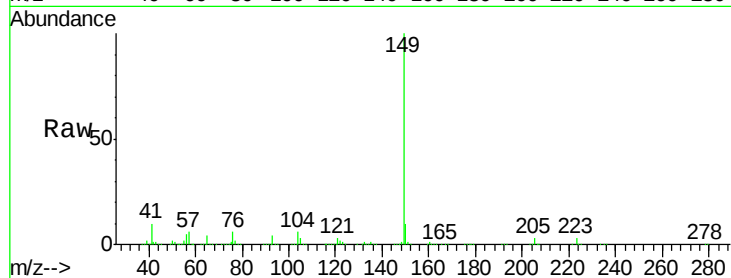
Tot Ion:149 Resp: 1919046

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

104 6.0 5.2 7.8



#74

Fluoranthene

Concen: 36.91 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

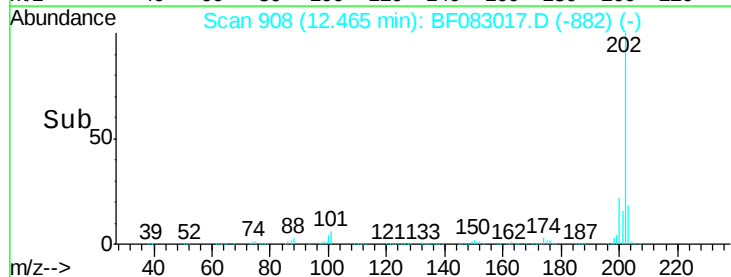
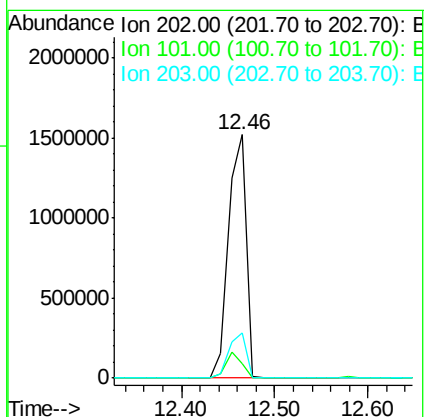
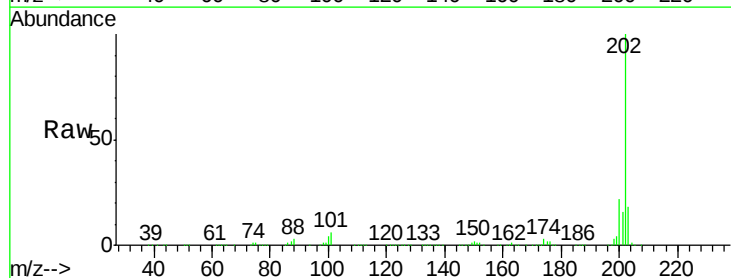
Tgt Ion:202 Resp: 2020563

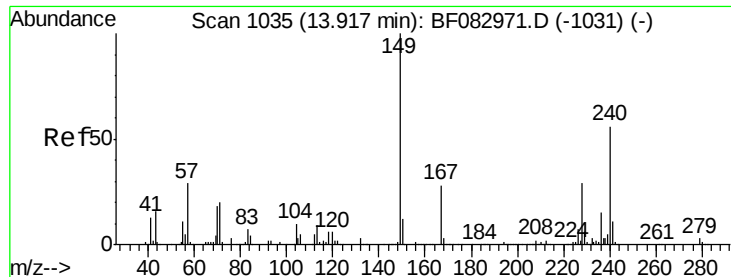
Ion Ratio Lower Upper

202 100

101 5.9 0.0 30.5

203 18.4 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

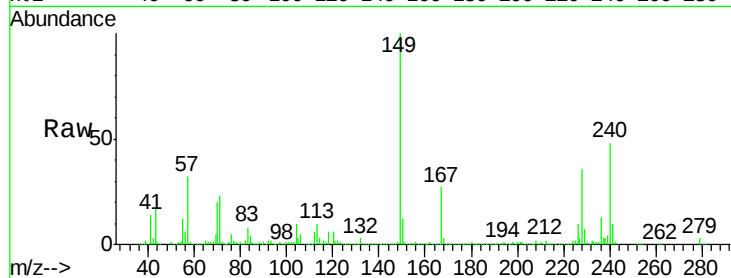
Tot Ion:240 Resp: 845073

Ion Ratio Lower Upper

240 100

120 13.3 10.9 16.3

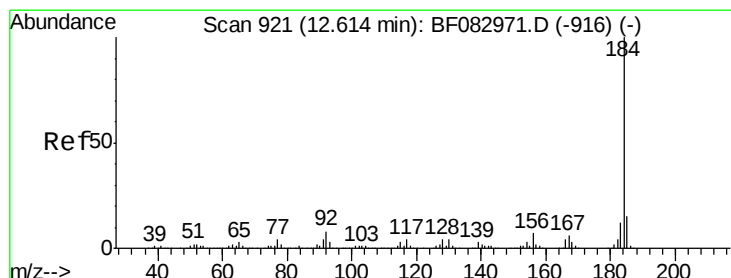
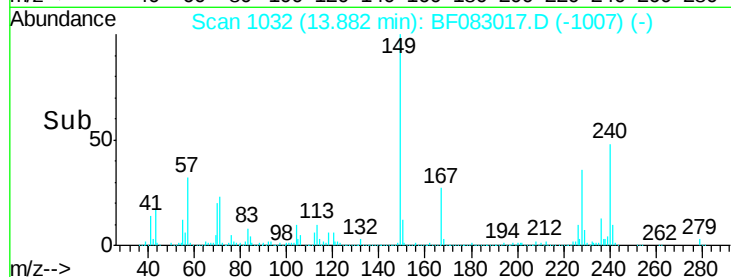
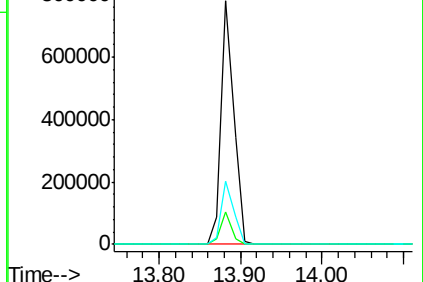
236 25.9 21.6 32.4



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: 30.77 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

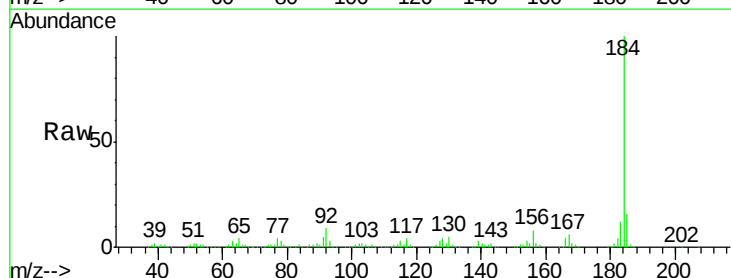
Tgt Ion:184 Resp: 871482

Ion Ratio Lower Upper

184 100

185 16.4 12.0 18.0

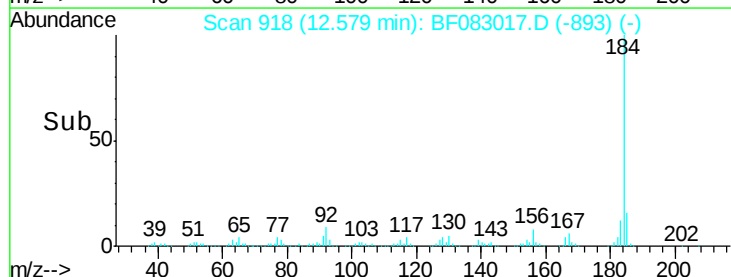
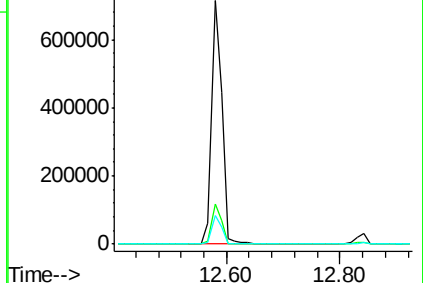
183 11.9 9.6 14.4

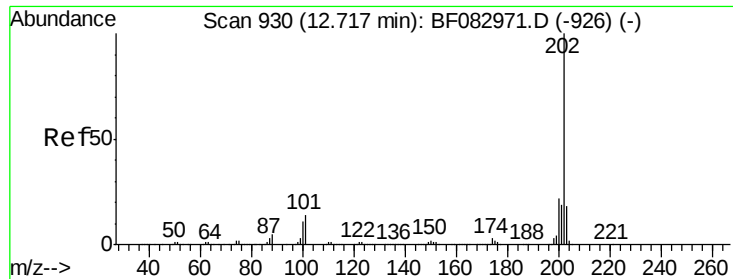


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.39 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

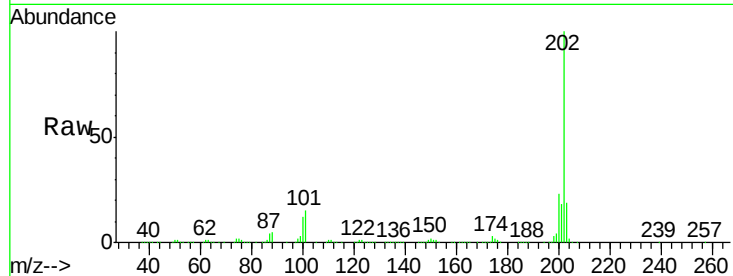
Tot Ion:202 Resp: 1879846

Ion Ratio Lower Upper

202 100

200 23.1 18.7 28.1

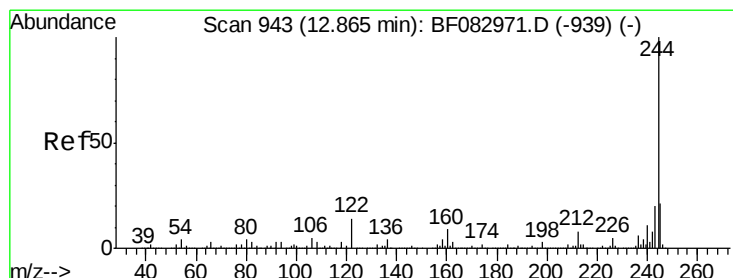
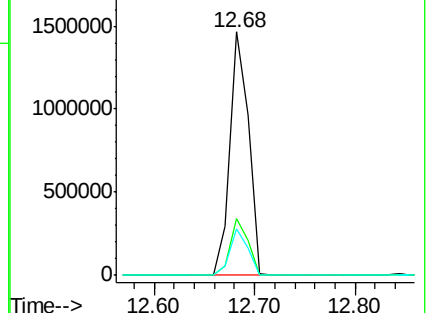
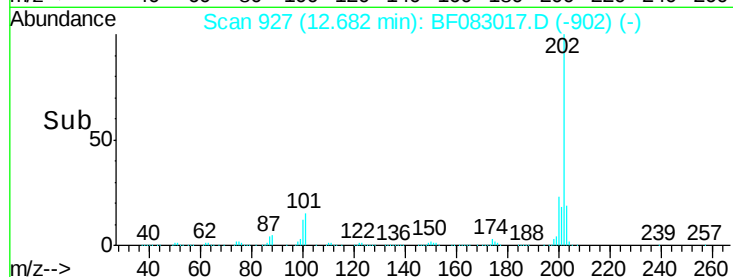
203 19.0 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.69 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

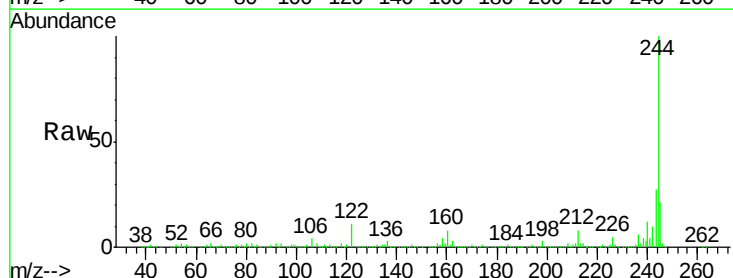
Tgt Ion:244 Resp: 2340397

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

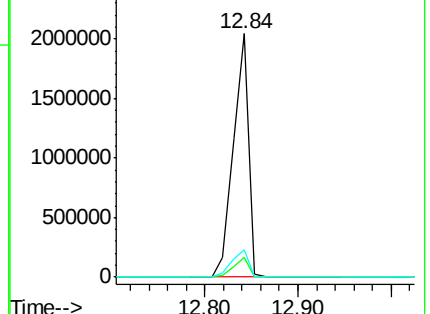
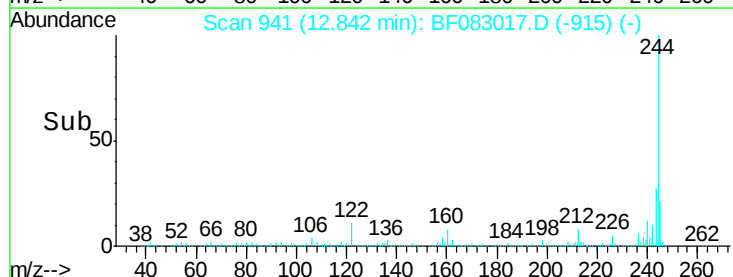
122 11.2 11.3 16.9#

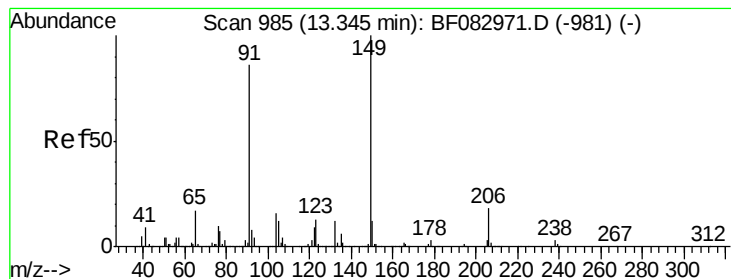


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.06 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampled :

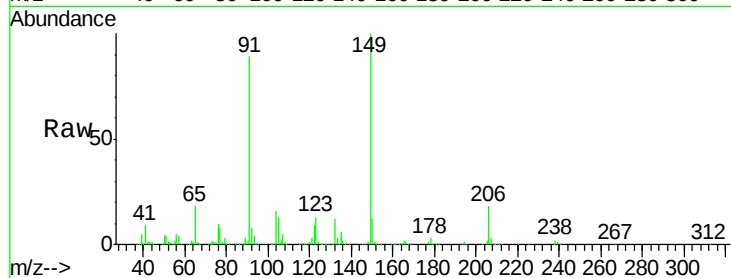
Tot Ion:149 Resp: 1257794

Ion Ratio Lower Upper

149 100

91 89.2 67.7 101.5

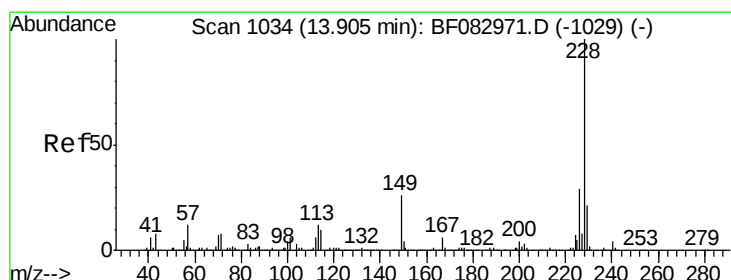
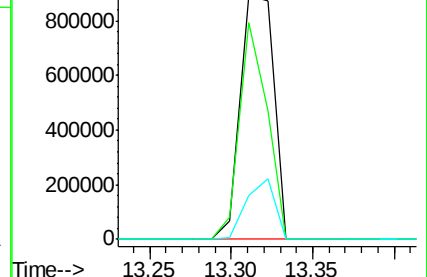
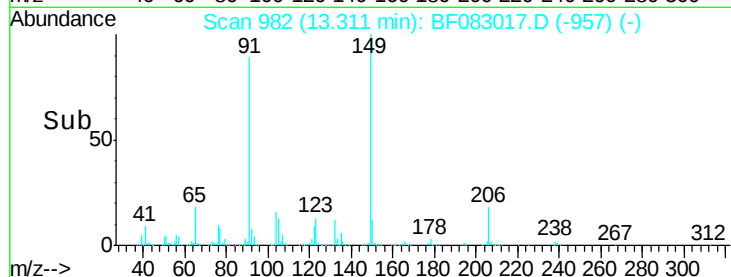
206 17.9 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.22 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

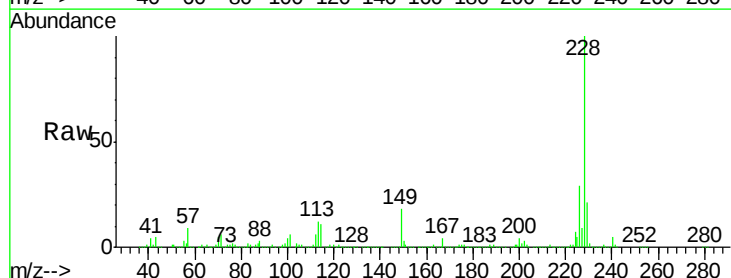
Tgt Ion:228 Resp: 2231189

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

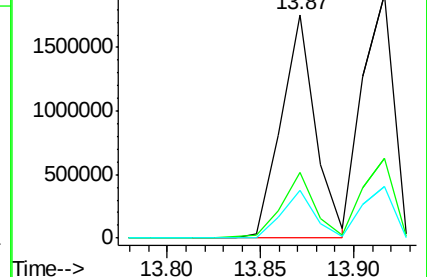
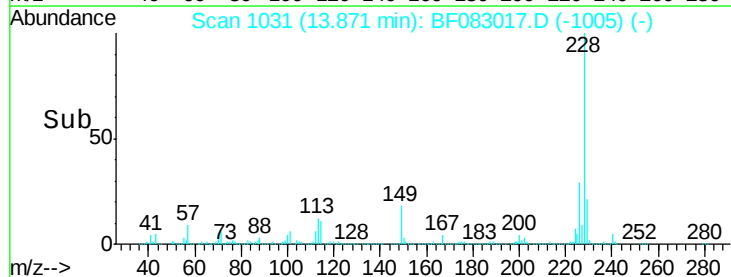
229 21.3 16.3 24.5

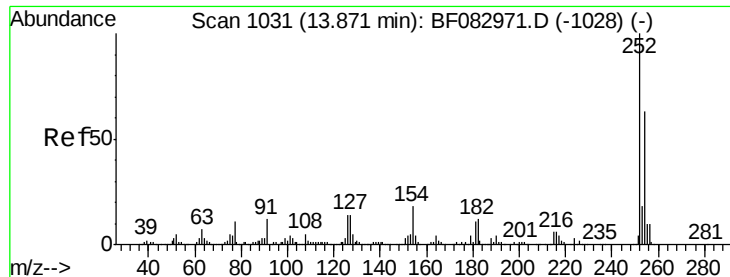


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

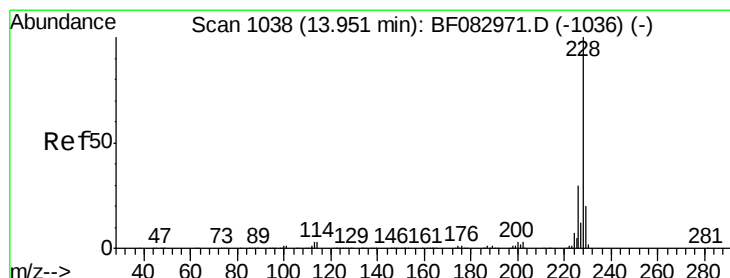
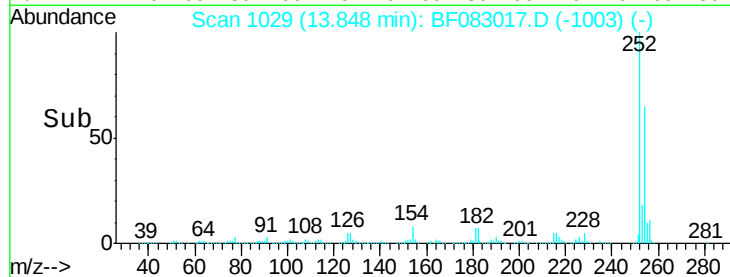
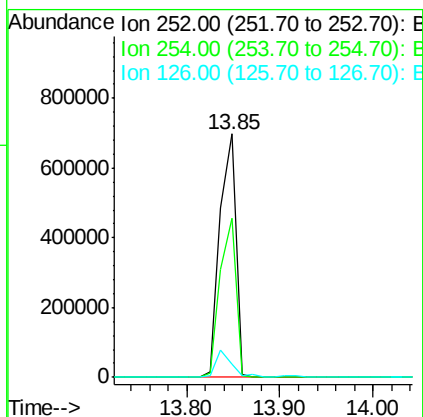
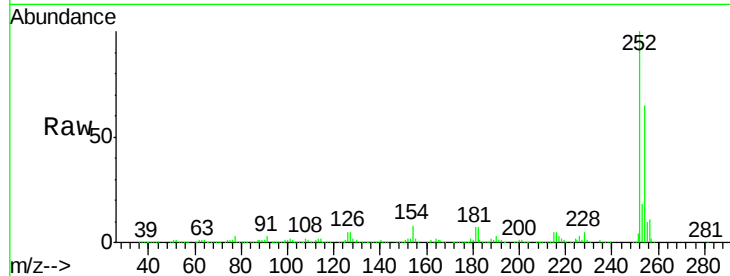




#81
 3,3'-Dichlorobenzidine
 Concen: 44.39 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

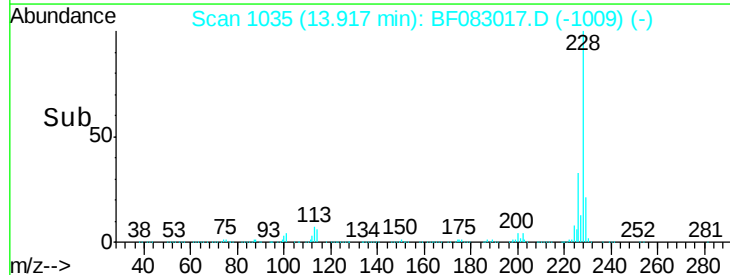
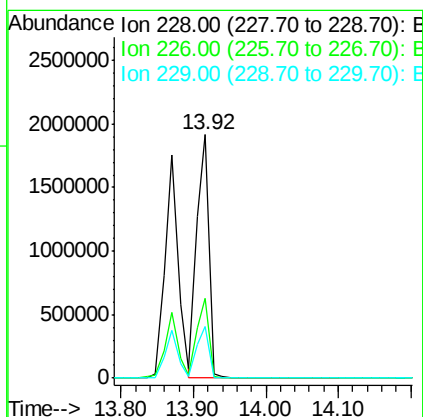
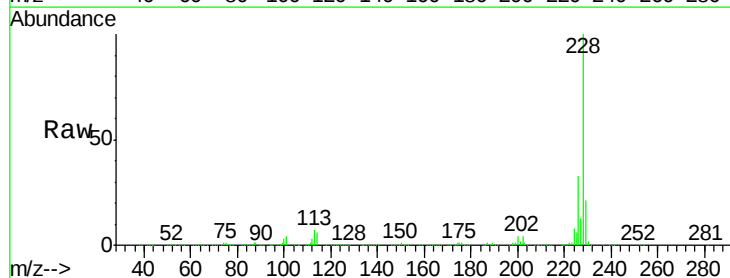
Instrument :
 BNA_F
 ClientSampleId :

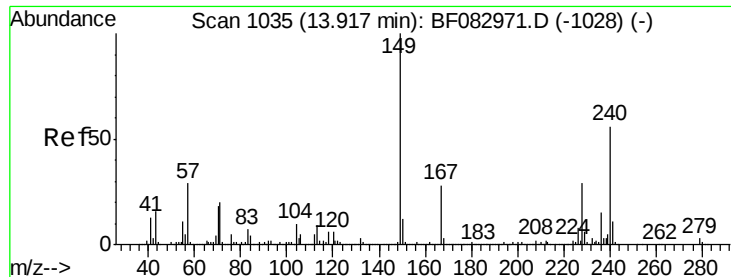
Tot Ion:252 Resp: 833945
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.0
 126 5.5 10.7 16.1#



#82
 Chrysene
 Concen: 46.21 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:228 Resp: 2236548
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 21.3 16.3 24.5

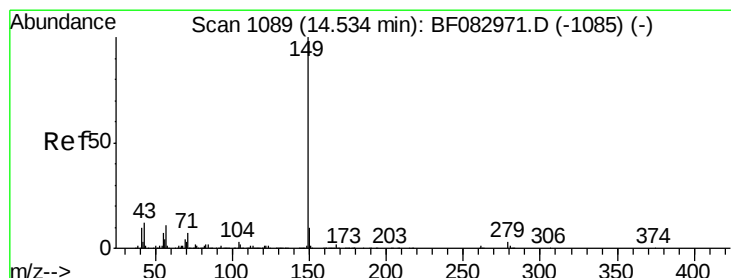
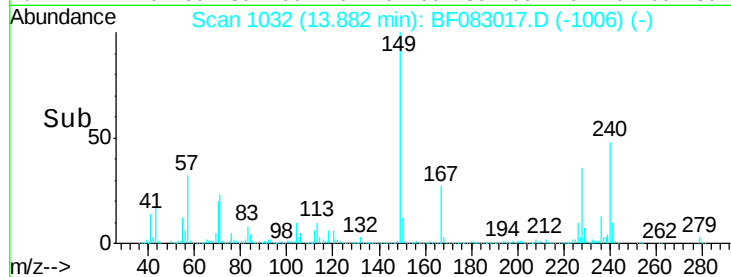
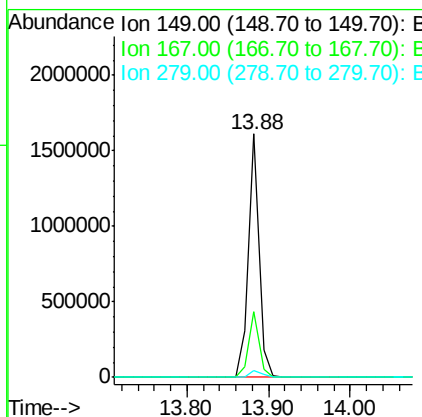
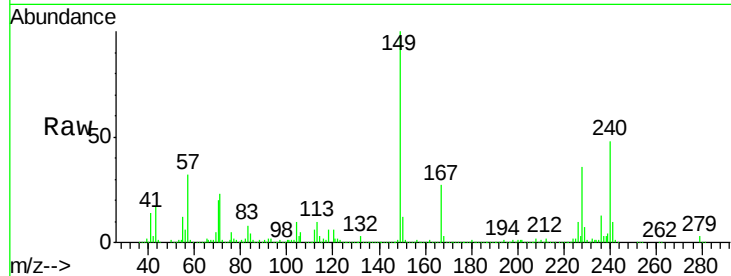




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

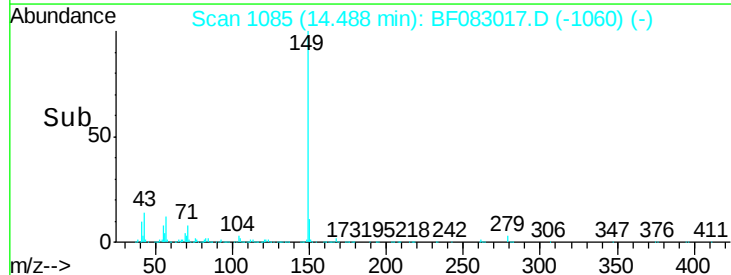
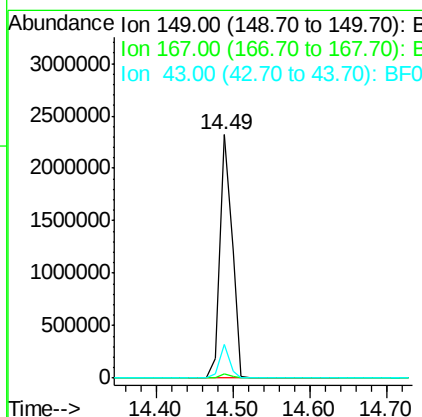
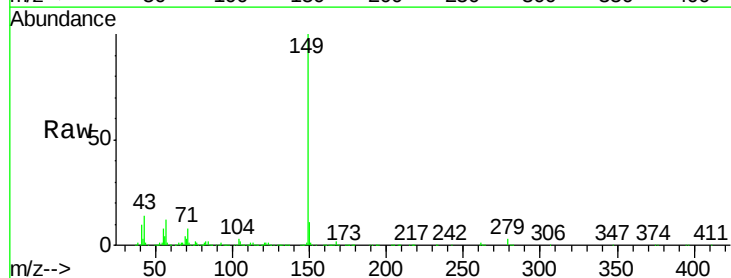
Instrument :
 BNA_F
 ClientSampleId :

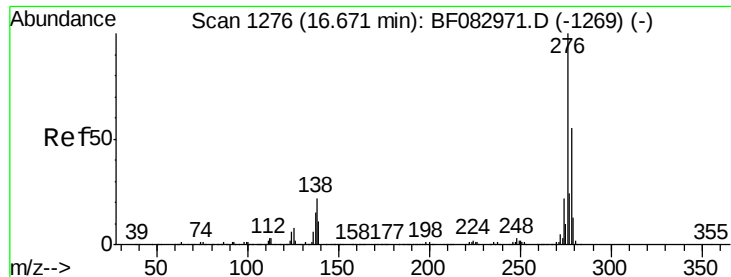
Tot Ion:149 Resp: 1457403
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 2.8 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 44.08 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Tgt Ion:149 Resp: 2580117
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.15 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

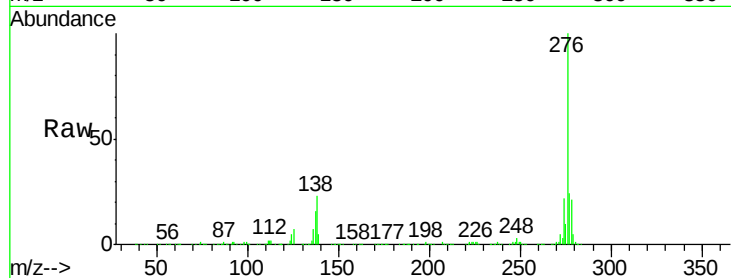
Tot Ion:276 Resp: 1840499

Ion Ratio Lower Upper

276 100

138 25.1 15.3 22.9#

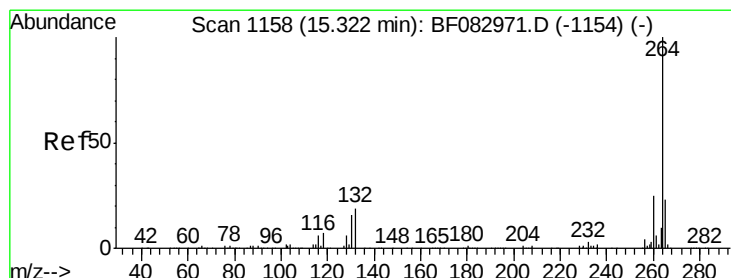
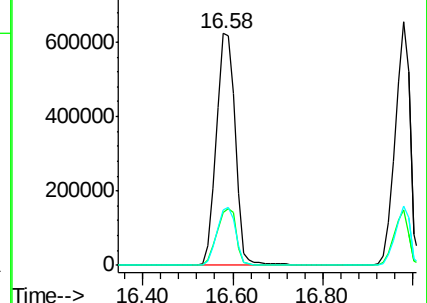
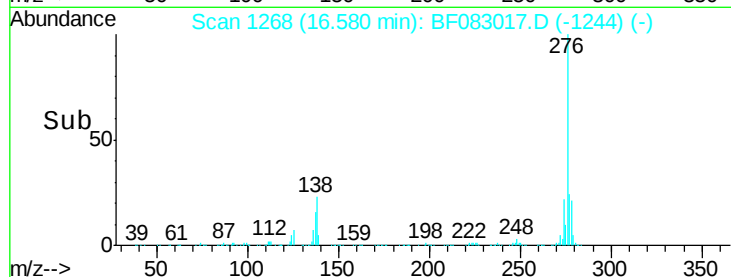
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

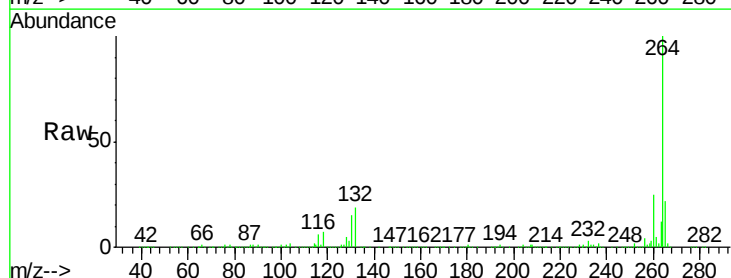
Tgt Ion:264 Resp: 780907

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

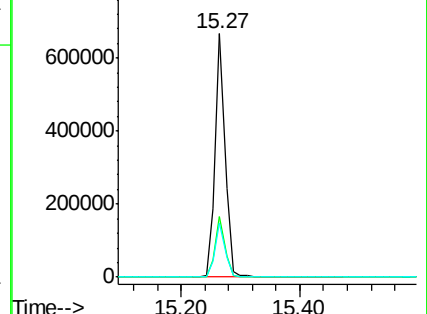
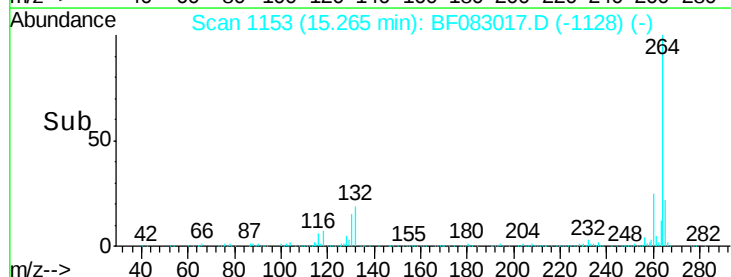
265 22.3 17.4 26.0

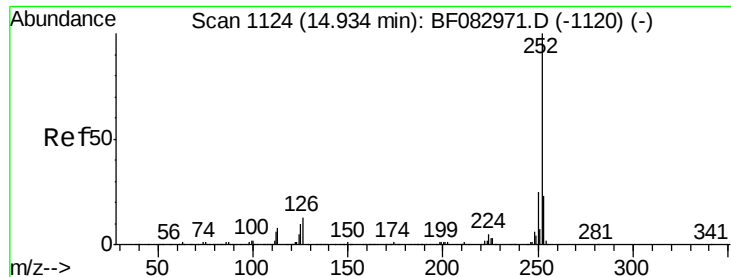


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 69.94 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

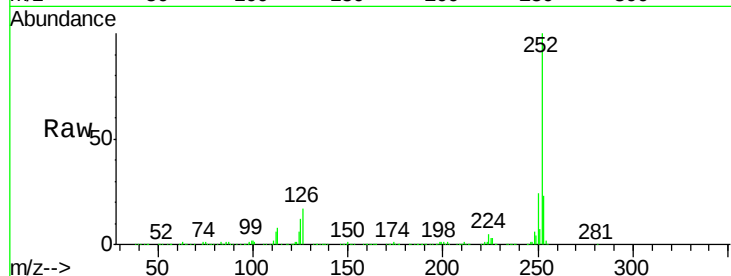
Tot Ion:252 Resp: 3505555

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

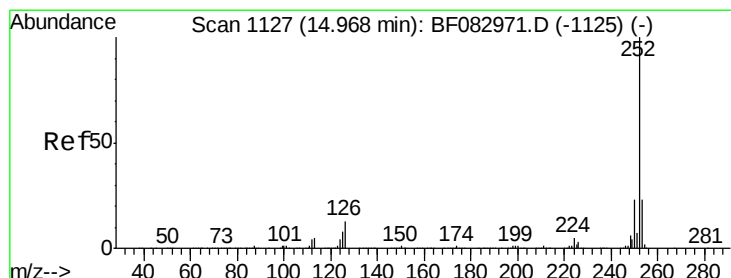
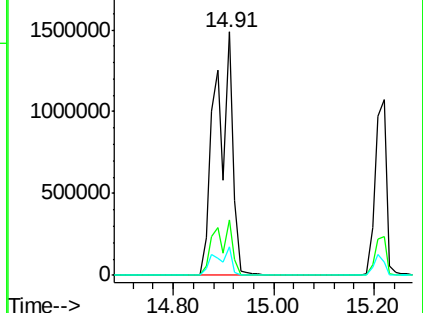
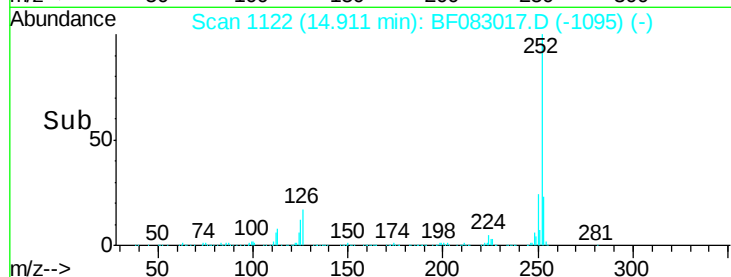
125 11.7 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 78.86 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

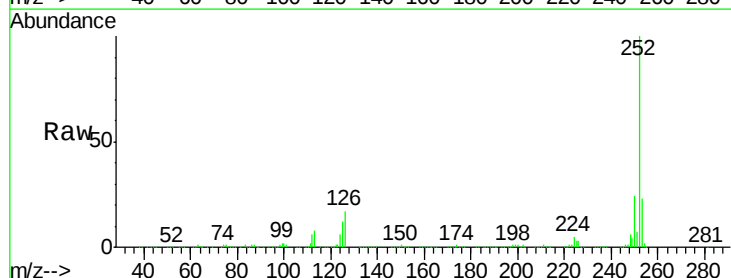
Tgt Ion:252 Resp: 3506689

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

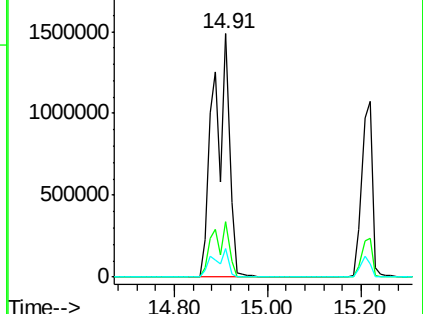
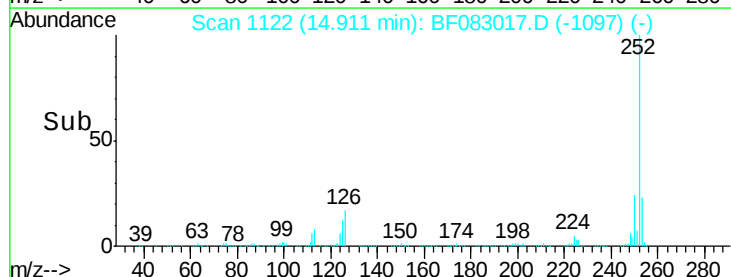
125 11.7 3.5 5.3#

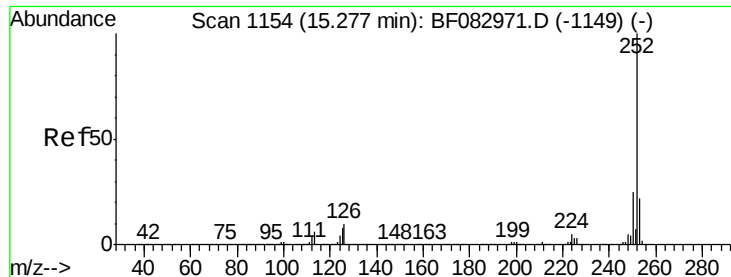


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.90 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

Instrument :

BNA_F

ClientSampled :

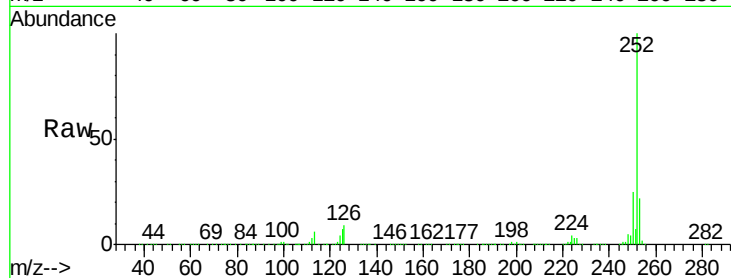
Tot Ion:252 Resp: 1689433

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

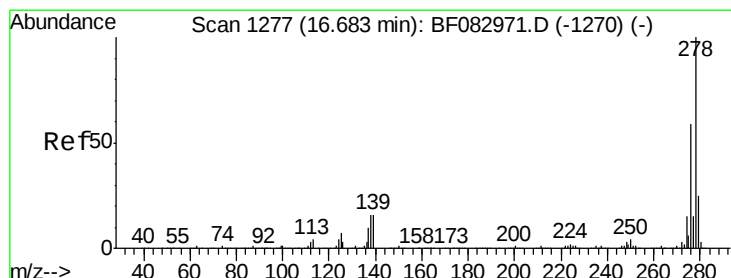
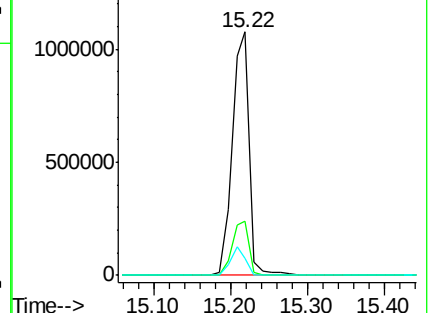
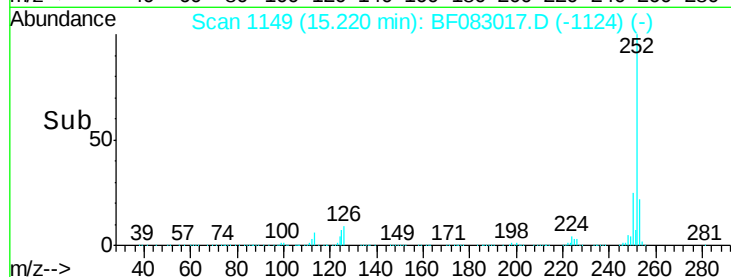
125 7.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.81 ng

RT: 16.60 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF083017.D

Acq: 18 Nov 2015 18:31

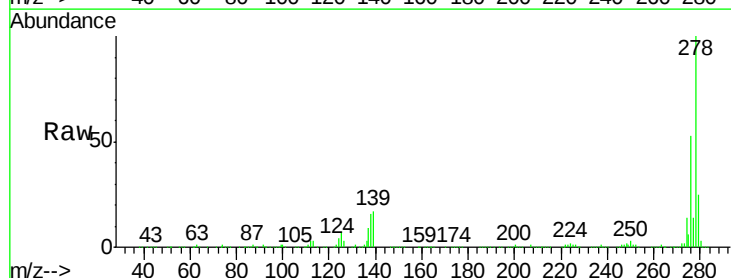
Tgt Ion:278 Resp: 1500920

Ion Ratio Lower Upper

278 100

139 16.9 9.9 14.9#

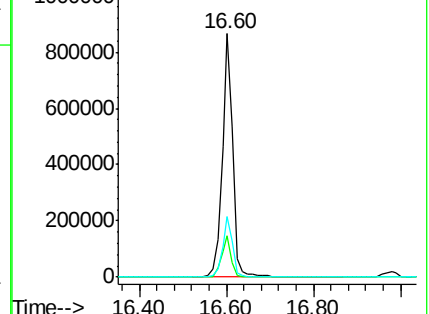
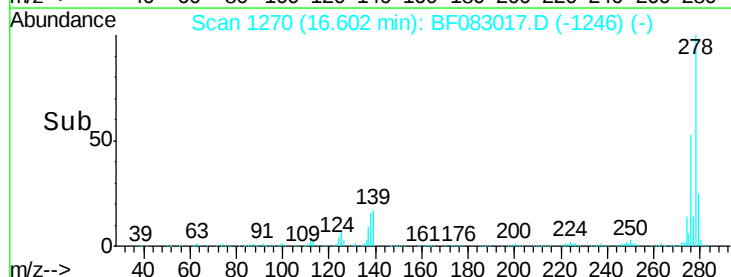
279 25.0 19.6 29.4

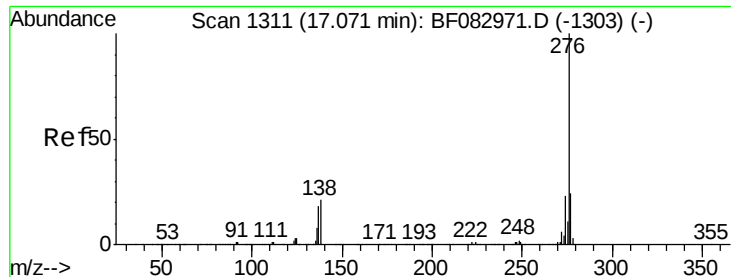


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

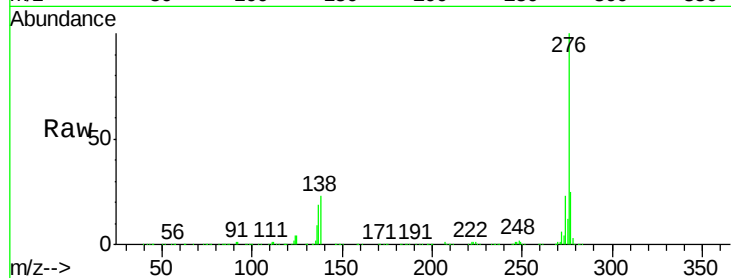




#91
 Benzo(a,h,i)perylene
 Concen: 43.42 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083017.D
 Acq: 18 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1529393
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.2 28.8
 138 23.0 13.1 19.7#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

