

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080974.D
 Acq On : 11 Aug 2015 21:42
 Operator : UM/IZ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:47:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	67326	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	263511	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	131900	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	258027	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	172359	20.00	ng	-0.03
86) Perylene-d12	15.32	264	123349	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	359882	87.34	ng	0.00
7) Phenol-d6	6.43	99	494228	87.53	ng	-0.01
23) Nitrobenzene-d5	7.36	82	418883	75.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	105110	72.54	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	663818	70.85	ng	-0.02
78) Terphenyl-d14	12.89	244	818258	98.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	73210	37.46	ng	93
3) Pyridine	3.04	79	212478	38.34	ng	89
4) n-Nitrosodimethylamine	2.99	42	132896	46.97	ng	89
6) Aniline	6.45	93	343946	41.46	ng	99
8) 2-Chlorophenol	6.57	128	192314	40.33	ng	83
9) Benzaldehyde	6.33	77	158176	41.56	ng	98
10) Phenol	6.44	94	309269	46.16	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	223320	44.64	ng	90
12) 1,3-Dichlorobenzene	6.81	146	225069	44.48	ng	98
13) 1,4-Dichlorobenzene	6.81	146	225069	42.80	ng	97
14) 1,2-Dichlorobenzene	6.96	146	171529	36.08	ng	96
15) Benzyl Alcohol	6.93	79	182678	39.53	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	396247	39.37	ng	99
17) 2-Methylphenol	7.05	107	161474	39.67	ng	# 92
18) Hexachloroethane	7.30	117	77100	38.27	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	175368	42.49	ng	97
20) 3+4-Methylphenols	7.21	107	201161	39.34	ng	96
22) Acetophenone	7.21	105	275767	42.71	ng	# 93
24) Nitrobenzene	7.38	77	253036	44.12	ng	# 91
25) Isophorone	7.62	82	416519	38.88	ng	95
26) 2-Nitrophenol	7.69	139	88166	36.53	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	169639	37.54	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	252645	39.28	ng	97
29) 2,4-Dichlorophenol	7.94	162	149242	40.19	ng	89
30) 1,2,4-Trichlorobenzene	8.02	180	175807	43.32	ng	98
31) Naphthalene	8.10	128	603786	41.57	ng	99
32) Benzoic acid	7.80	122	16405	6.06	ng	91
33) 4-Chloroaniline	8.14	127	210895	35.73	ng	95
34) Hexachlorobutadiene	8.21	225	91551	37.91	ng	99
35) Caprolactam	8.53	113	58066	43.47	ng	# 81
36) 4-Chloro-3-methylphenol	8.64	107	211112	46.59	ng	97
37) 2-Methylnaphthalene	8.78	142	359659	38.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	171466	42.17	ng	98
40) Hexachlorocyclopentadiene	8.94	237	96075	43.30	ng	97

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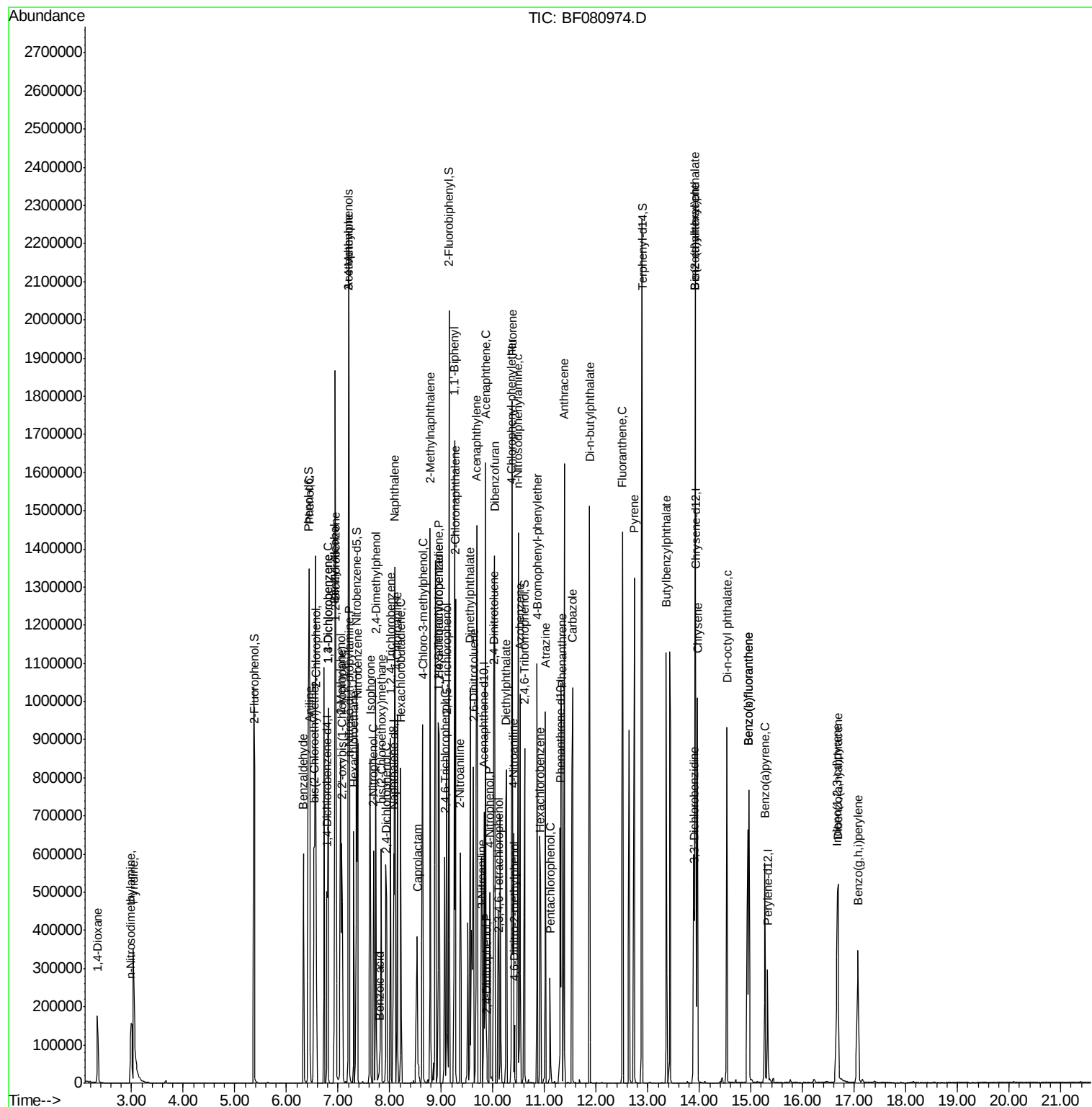
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	114321	38.36	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	113678	37.85	nq #	79
45) 1,1'-Biphenyl	9.25	154	453620	40.07	nq	97
46) 2-Chloronaphthalene	9.28	162	350726	39.74	nq	95
47) 2-Nitroaniline	9.37	65	129279	36.53	nq	92
48) Acenaphthylene	9.69	152	579863	37.79	nq	99
49) Dimethylphthalate	9.56	163	404714	36.94	nq	99
50) 2,6-Dinitrotoluene	9.62	165	90553	40.00	nq #	77
51) Acenaphthene	9.86	154	330943	35.22	nq	98
52) 3-Nitroaniline	9.79	138	113458	40.66	nq #	67
53) 2,4-Dinitrophenol	9.88	184	6686	10.63	nq #	81
54) Dibenzofuran	10.03	168	496668	39.09	nq	98
55) 4-Nitrophenol	9.94	139	61131	29.27	nq #	49
56) 2,4-Dinitrotoluene	10.02	165	133475	44.07	nq #	77
57) Fluorene	10.37	166	401818	40.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	66377	27.93	nq	100
59) Diethylphthalate	10.26	149	450238	39.48	nq	94
60) 4-Chlorophenyl-phenylether	10.36	204	164423	34.33	nq	95
61) 4-Nitroaniline	10.40	138	100365	34.95	nq	92
62) Azobenzene	10.52	77	445452	34.93	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	14199	8.88	nq	78
65) n-Nitrosodiphenylamine	10.49	169	341038	38.04	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	108494	39.70	nq	97
67) Hexachlorobenzene	10.92	284	125942	41.45	nq	99
68) Atrazine	11.01	200	93948	35.74	nq	95
69) Pentachlorophenol	11.10	266	27175	15.38	nq	98
70) Phenanthrene	11.33	178	585759	40.09	nq	99
71) Anthracene	11.38	178	554997	38.37	nq	100
72) Carbazole	11.54	167	589038	41.83	nq	99
73) Di-n-butylphthalate	11.87	149	679224	38.57	nq	100
74) Fluoranthene	12.51	202	638288	40.41	nq	98
76) Benzidine	12.64	184	356163	Below	Cal	98
77) Pyrene	12.74	202	638636	50.16	nq	99
79) Butylbenzylphthalate	13.36	149	254667	41.49	nq #	67
80) Benzo(a)anthracene	13.92	228	461866	42.42	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	174421	44.04	nq #	99
82) Chrysene	13.96	228	501561	48.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	352312	41.25	nq #	95
84) Di-n-octyl phthalate	14.53	149	597411	41.26	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	335095	33.78	nq	98
87) Benzo(b)fluoranthene	14.96	252	698778	81.47	nq #	97
88) Benzo(k)fluoranthene	14.96	252	698778	93.13	nq	99
89) Benzo(a)pyrene	15.27	252	299673	40.65	nq #	95
90) Dibenzo(a,h)anthracene	16.68	278	281449	43.17	nq	99
91) Benzo(g,h,i)perylene	17.07	276	302967	47.77	nq	96

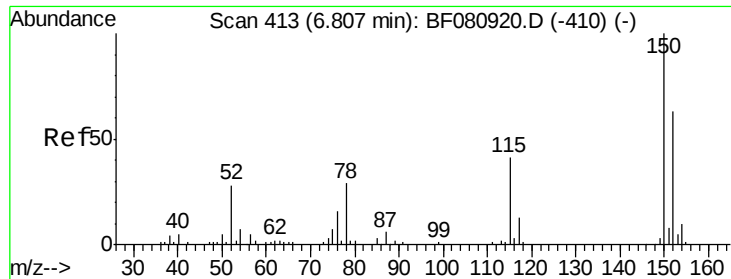
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
Data File : BF080974.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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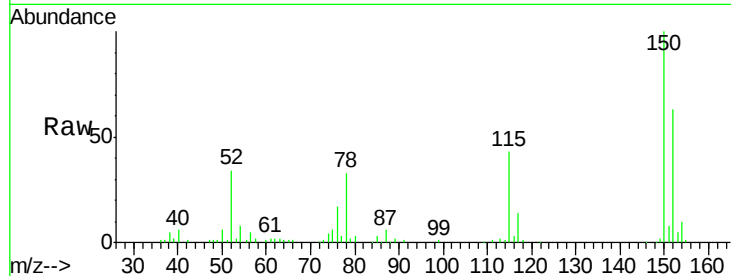


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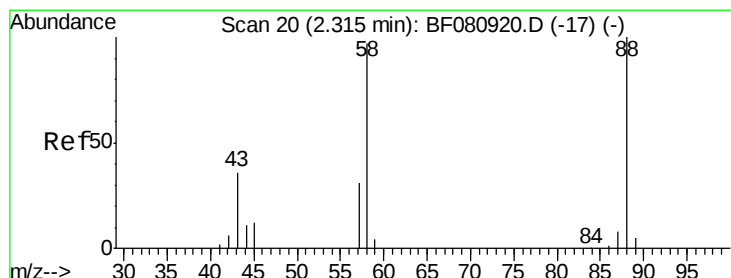
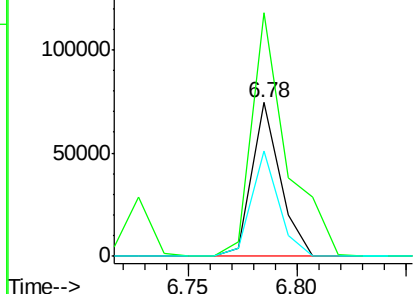
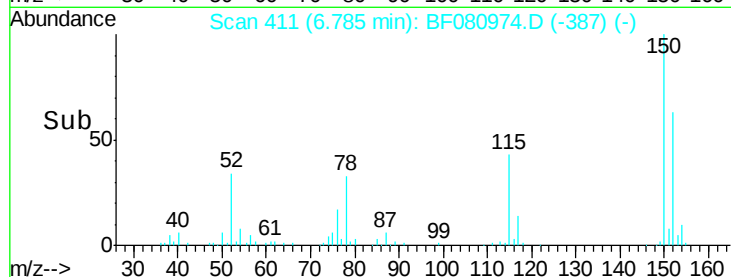
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 67326
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.4 191.2
 115 69.0 52.6 78.8



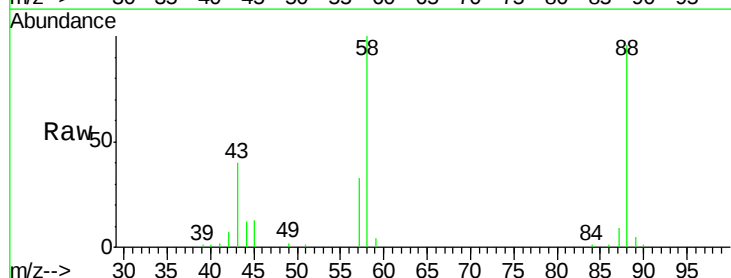
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



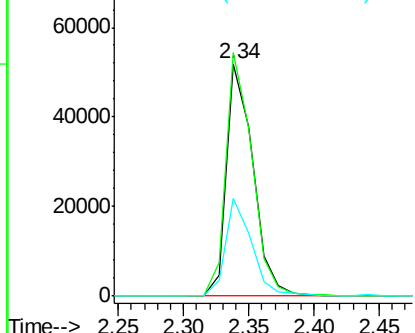
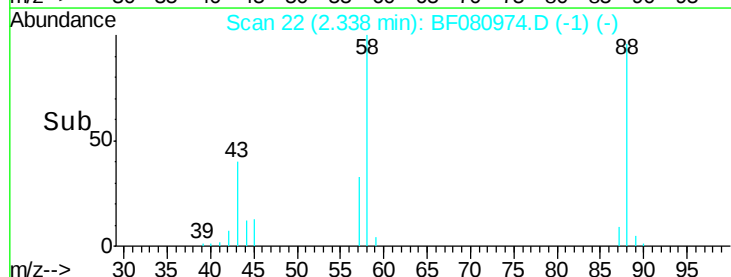
#2

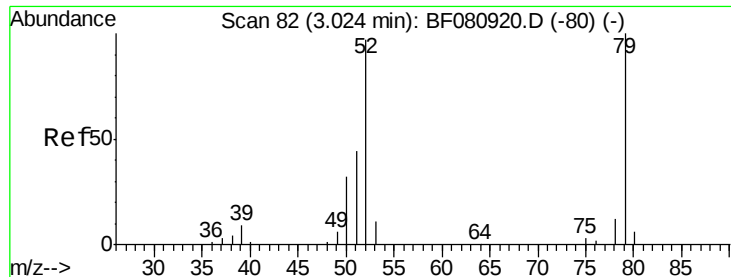
1,4-Dioxane
 Concen: 37.46 ng
 RT: 2.34 min Scan# 22
 Delta R.T. 0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion: 88 Resp: 73210
 Ion Ratio Lower Upper
 88 100
 58 104.3 79.3 118.9
 43 41.8 28.3 42.5



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

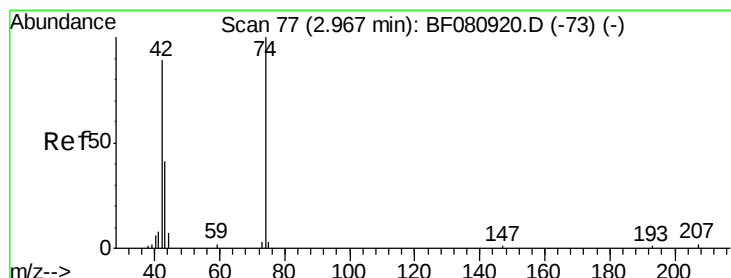
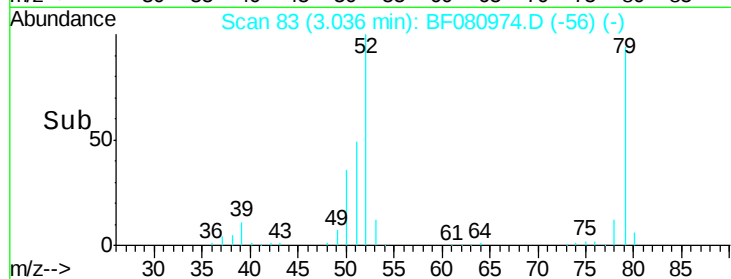
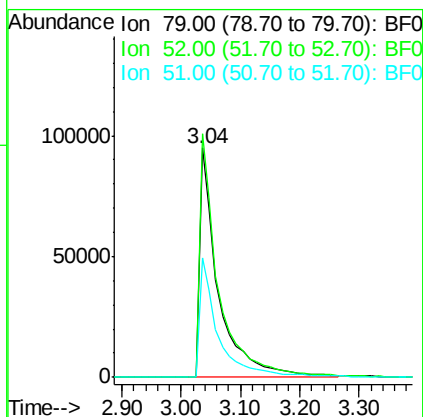
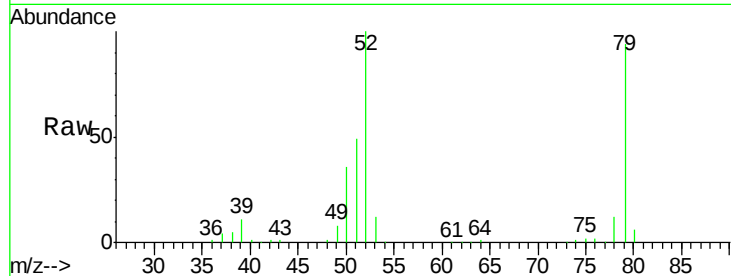




#3
 Pvrindine
 Concen: 38.34 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

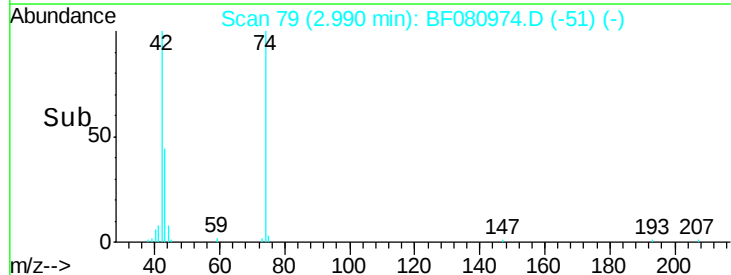
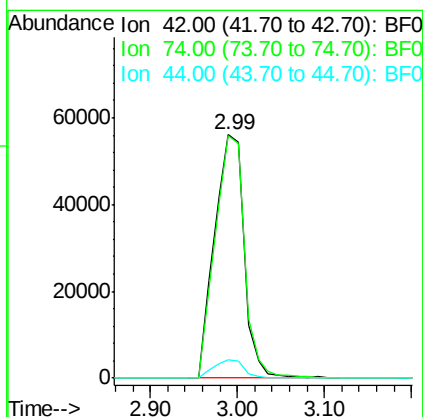
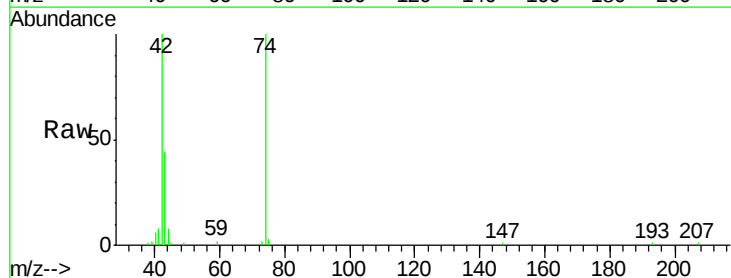
Instrument :
 BNA_F
 ClientSampleId :

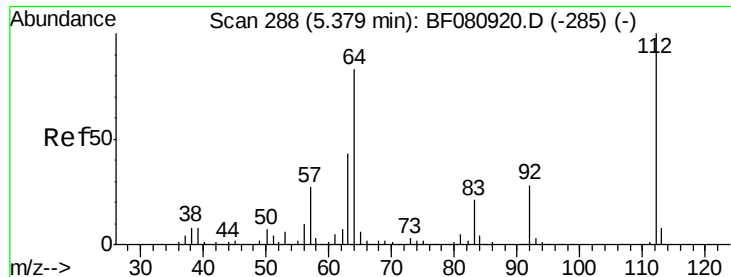
Tot Ion: 79 Resp: 212478
 Ion Ratio Lower Upper
 79 100
 52 106.4 77.2 115.8
 51 52.1 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 46.97 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion: 42 Resp: 132896
 Ion Ratio Lower Upper
 42 100
 74 99.8 89.8 134.8
 44 7.7 6.5 9.7





#5

2-Fluorophenol

Concen: 87.34 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

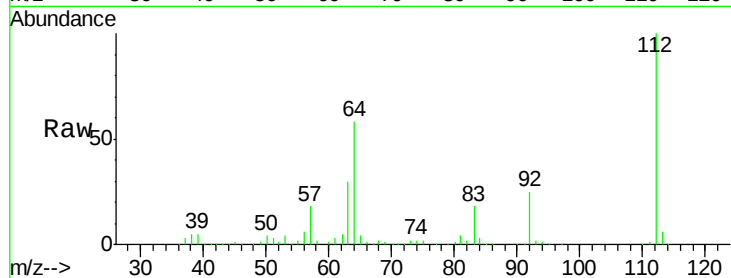
Tot Ion:112 Resp: 359882

Ion Ratio Lower Upper

112 100

64 57.5 66.1 99.1#

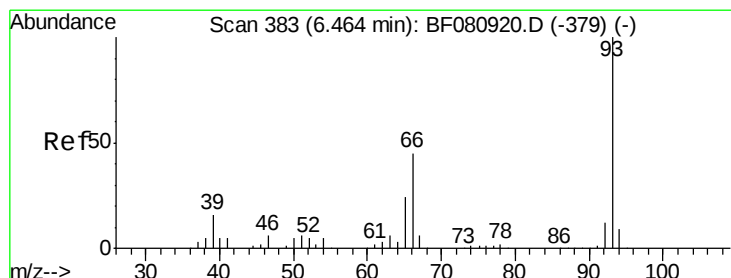
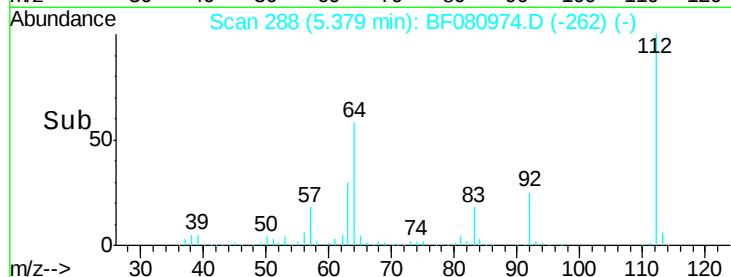
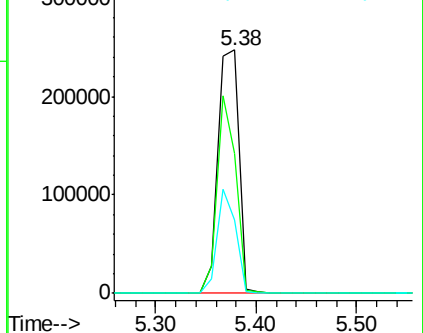
63 30.2 34.6 52.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

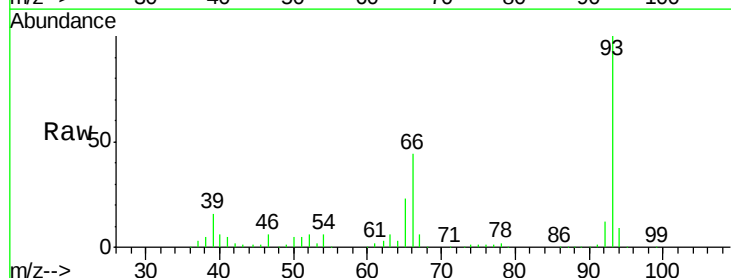
Tgt Ion: 93 Resp: 343946

Ion Ratio Lower Upper

93 100

66 44.4 36.2 54.4

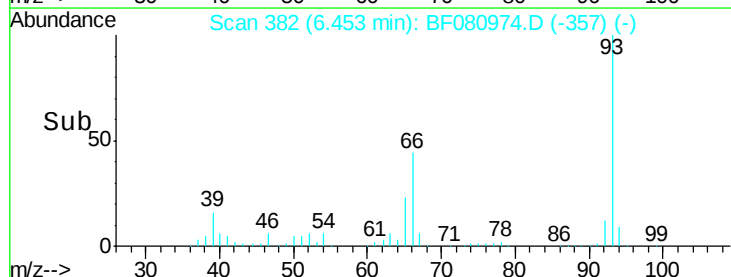
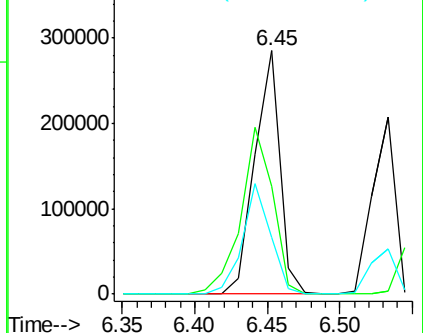
65 23.2 19.0 28.4

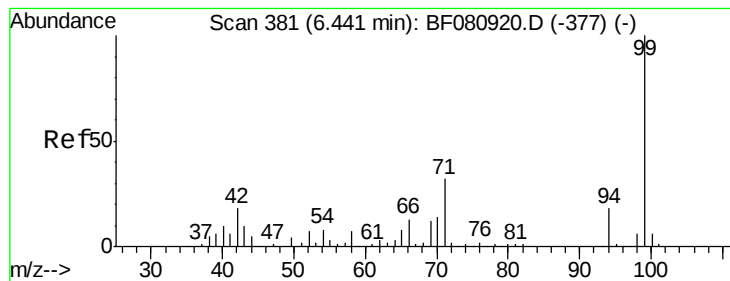


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.53 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

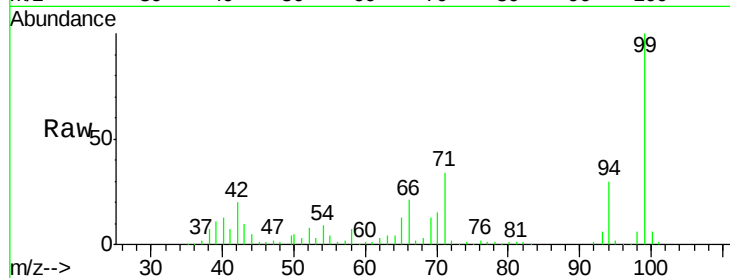
Tot Ion: 99 Resp: 494228

Ion Ratio Lower Upper

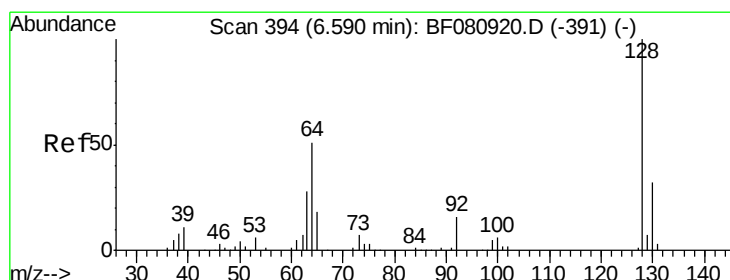
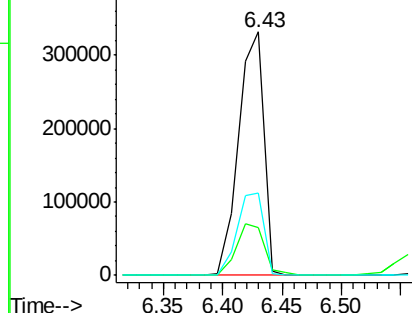
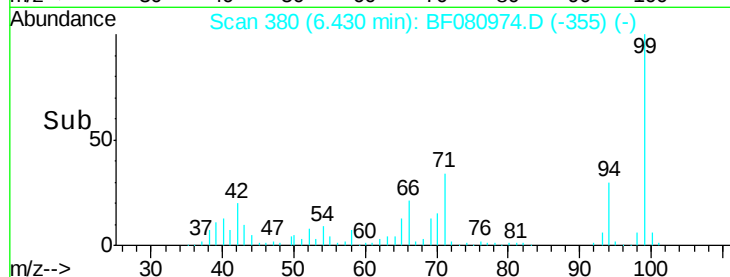
99 100

42 19.5 14.4 21.6

71 33.9 25.8 38.8



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: 40.33 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

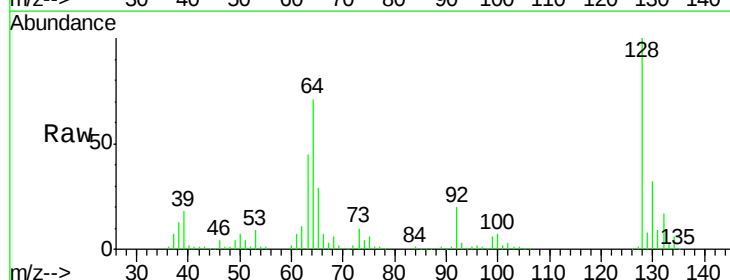
Tgt Ion: 128 Resp: 192314

Ion Ratio Lower Upper

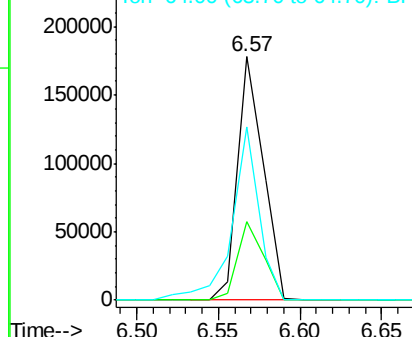
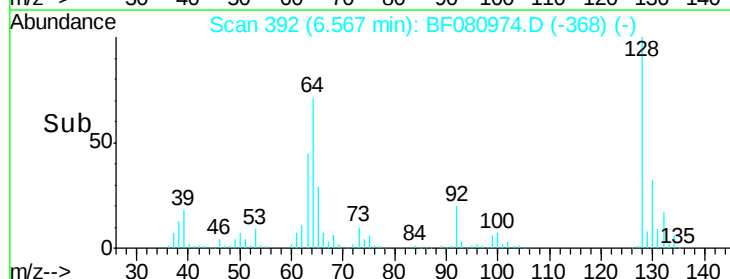
128 100

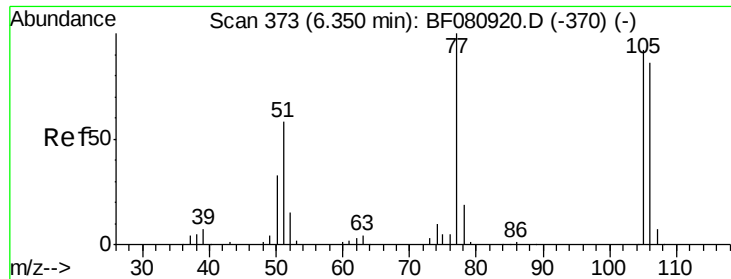
130 32.4 12.4 52.4

64 71.4 32.1 72.1



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: 41.56 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

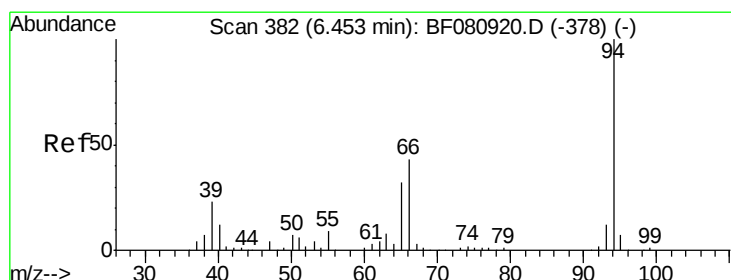
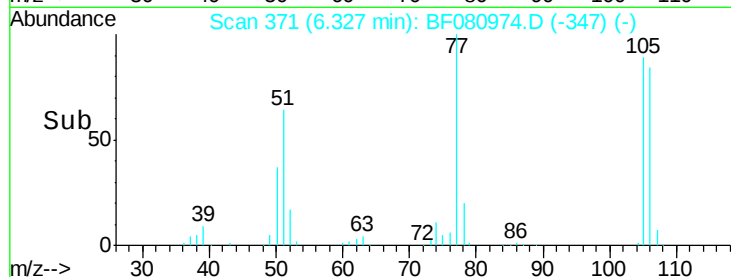
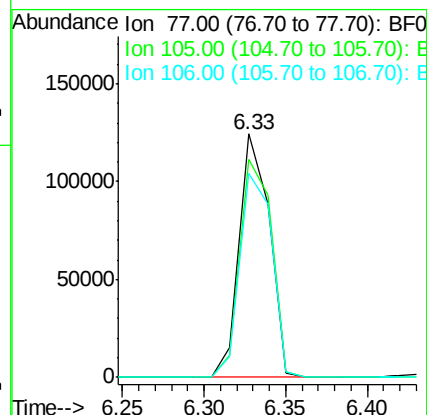
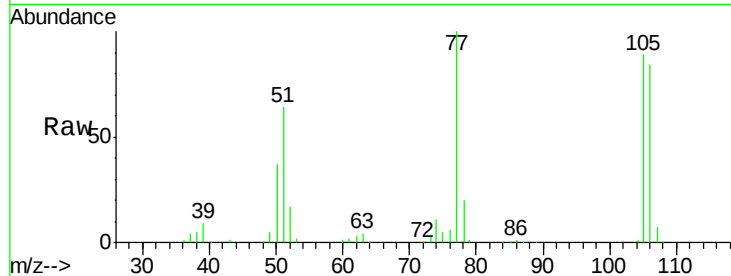
Tot Ion: 77 Resp: 158176

Ion Ratio Lower Upper

77 100

105 89.4 71.6 111.6

106 84.0 65.7 105.7



#10

Phenol

Concen: 46.16 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

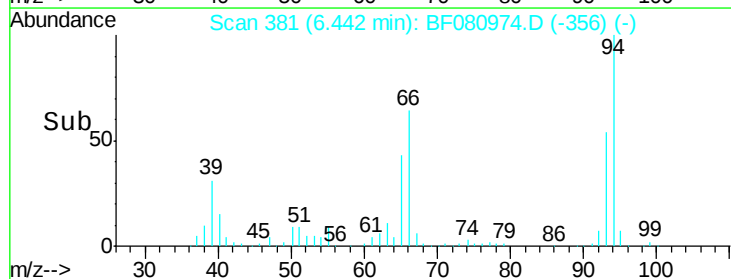
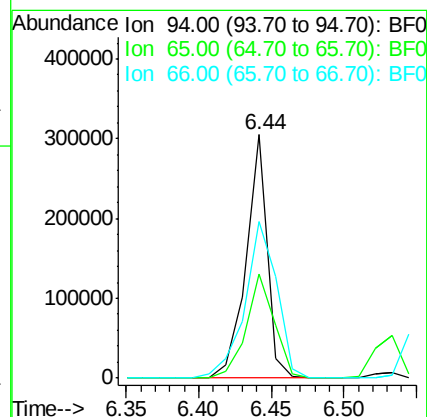
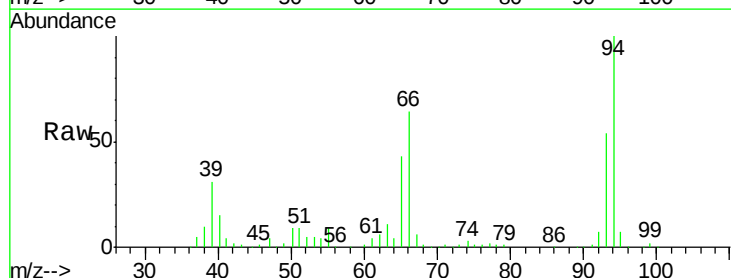
Tgt Ion: 94 Resp: 309269

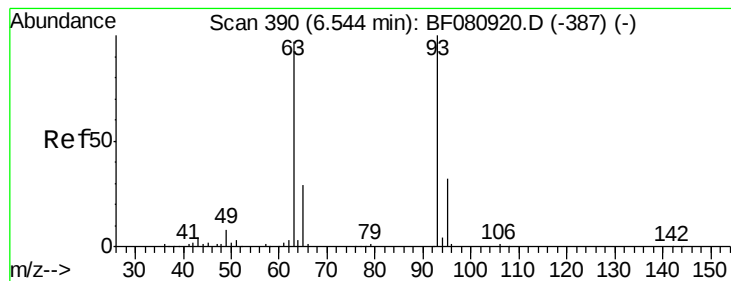
Ion Ratio Lower Upper

94 100

65 42.6 11.8 51.8

66 64.1 22.9 62.9#

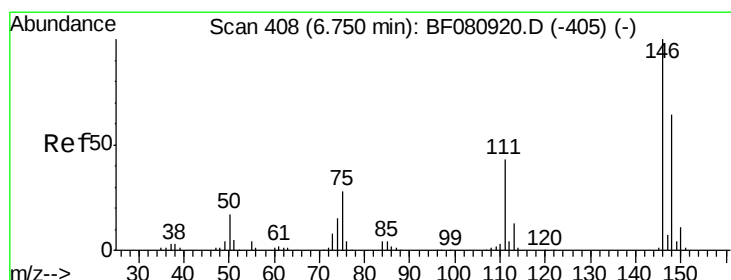
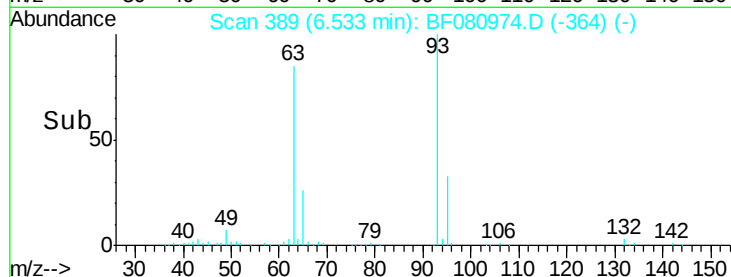
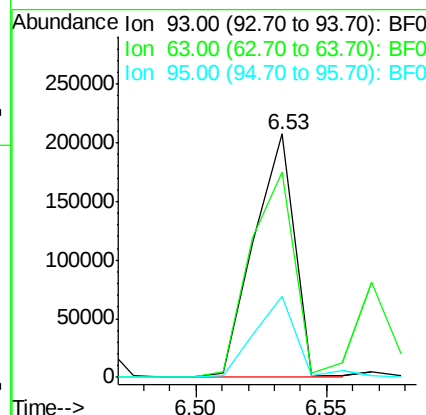
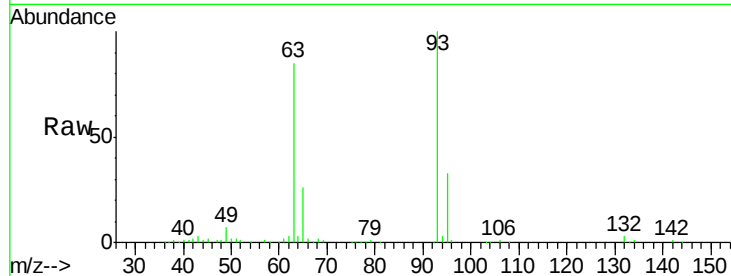




#11
 bis(2-Chloroethyl)ether
 Concen: 44.64 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

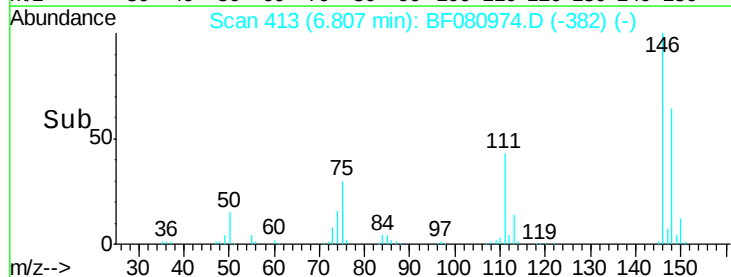
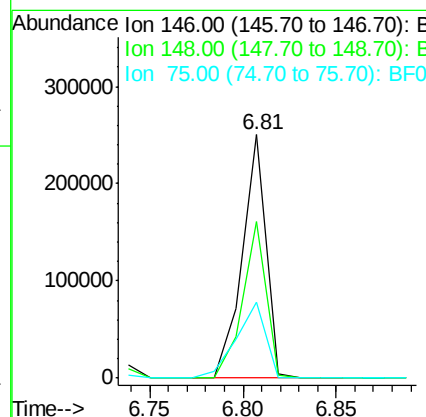
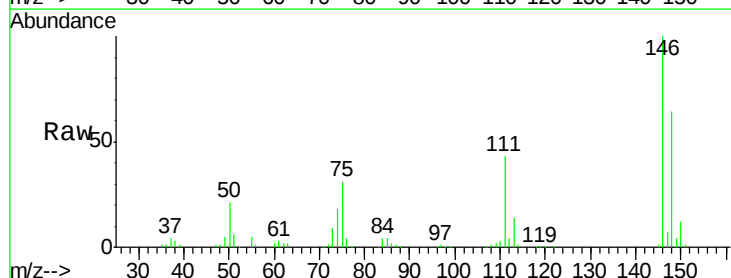
Instrument :
 BNA_F
 ClientSampleId :

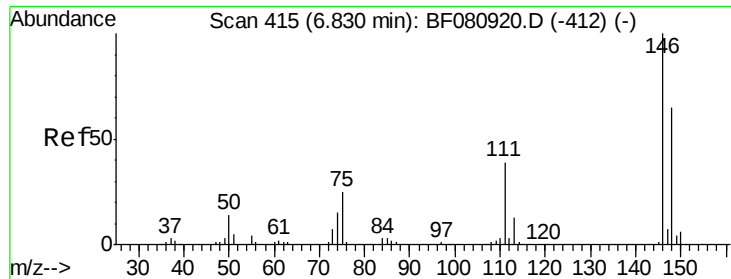
Tot Ion: 93 Resp: 223320
 Ion Ratio Lower Upper
 93 100
 63 84.5 76.7 116.7
 95 33.0 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 44.48 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.06 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion: 146 Resp: 225069
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 75 31.3 22.2 33.4

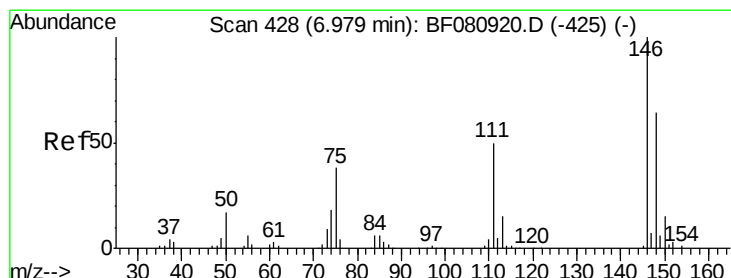
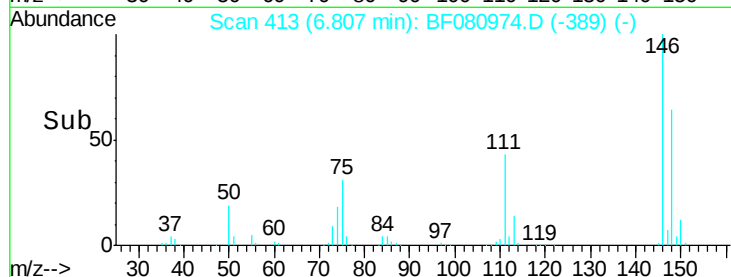
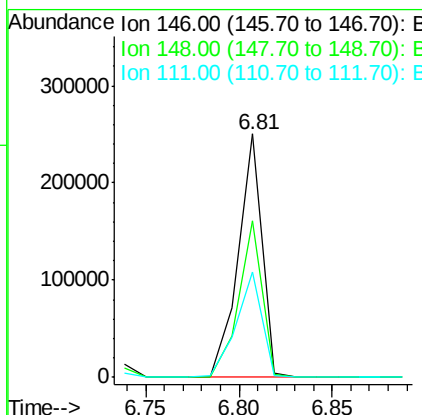
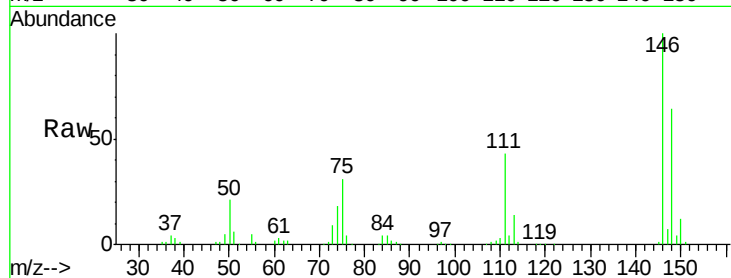




#13
 1,4-Dichlorobenzene
 Concen: 42.80 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

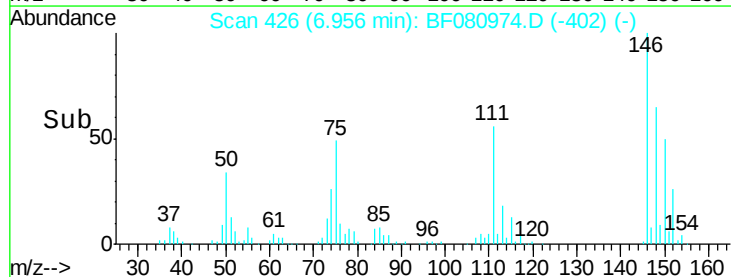
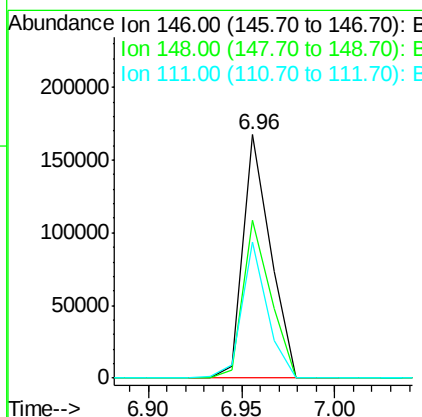
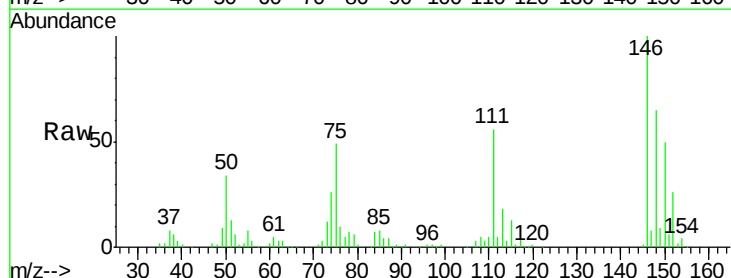
Instrument :
 BNA_F
 ClientSampleId :

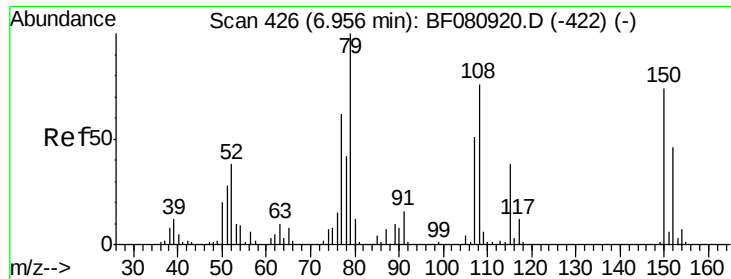
Tot Ion:146 Resp: 225069
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 43.3 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 36.08 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:146 Resp: 171529
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 55.9 40.0 60.0

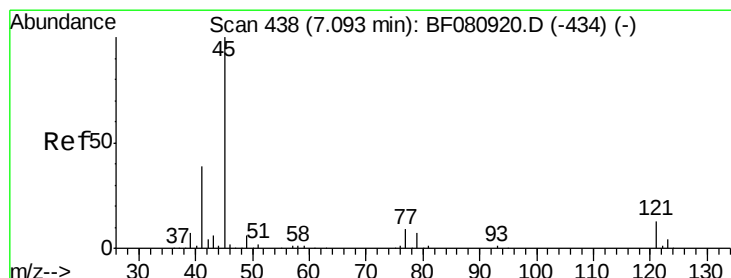
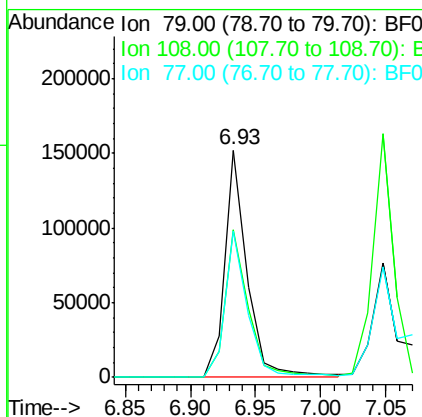
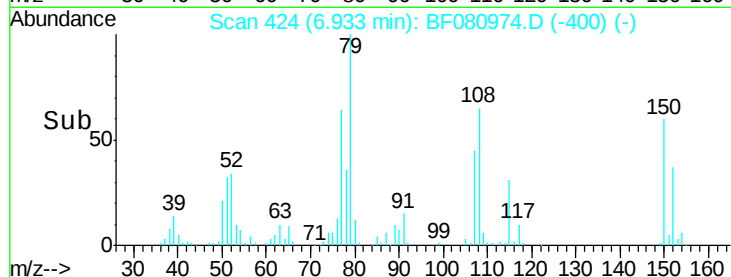
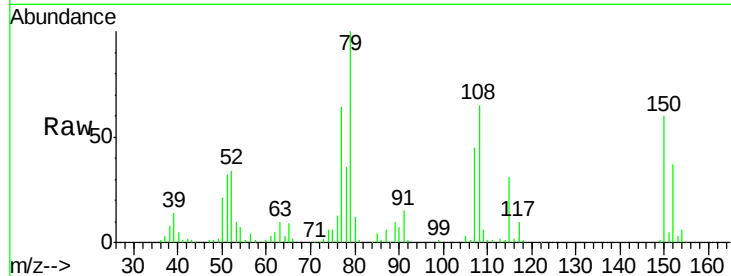




#15
Benzyl Alcohol
Concen: 39.53 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

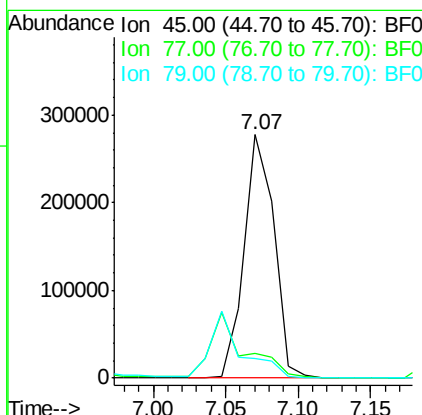
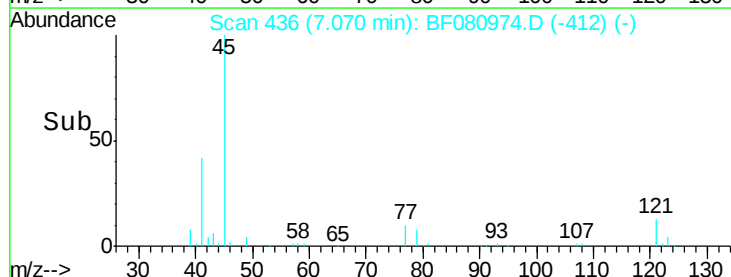
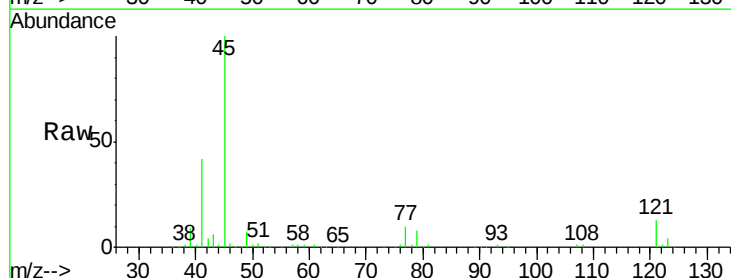
Instrument :
BNA_F
ClientSampled :

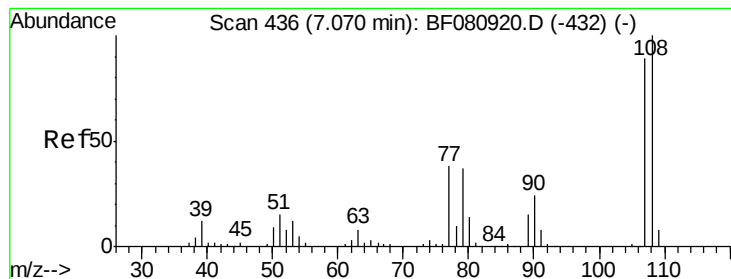
Tot Ion: 79 Resp: 182678
Ion Ratio Lower Upper
79 100
108 65.1 60.9 91.3
77 64.2 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.37 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion: 45 Resp: 396247
Ion Ratio Lower Upper
45 100
77 10.2 0.0 29.6
79 7.9 0.0 27.7

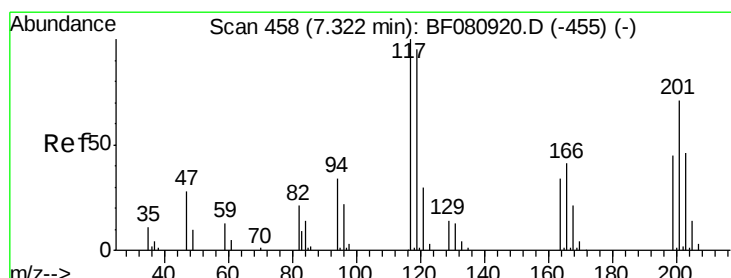
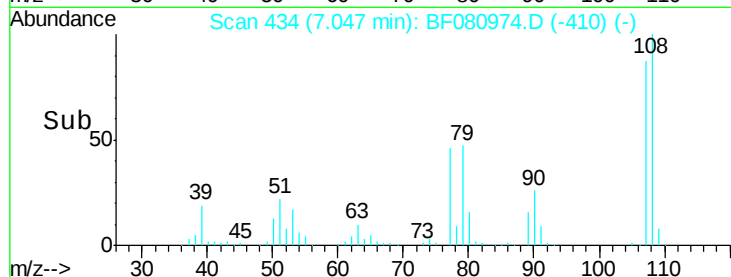
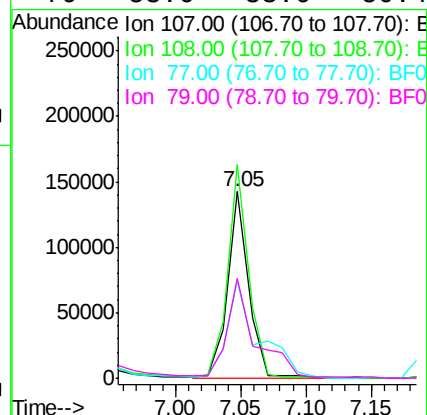
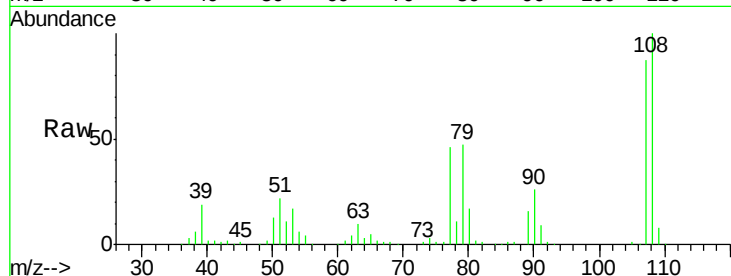




#17
2-Methylphenol
Concen: 39.67 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

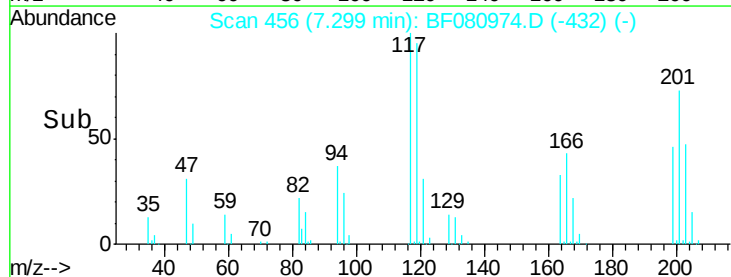
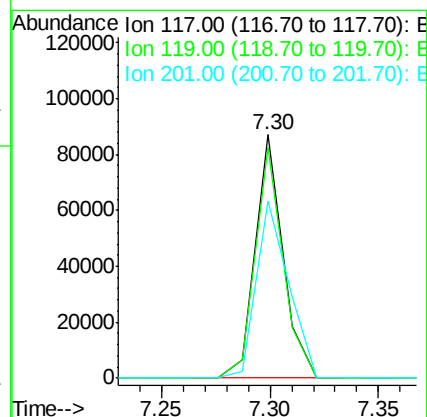
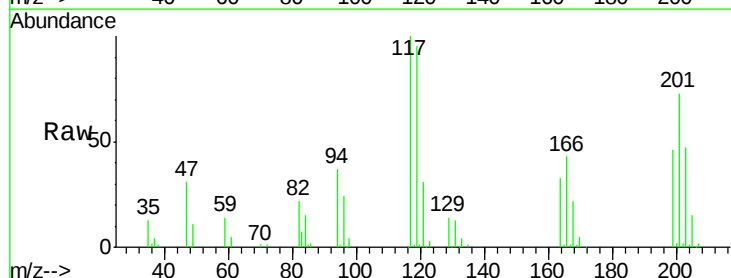
Instrument :
BNA_F
ClientSampled :

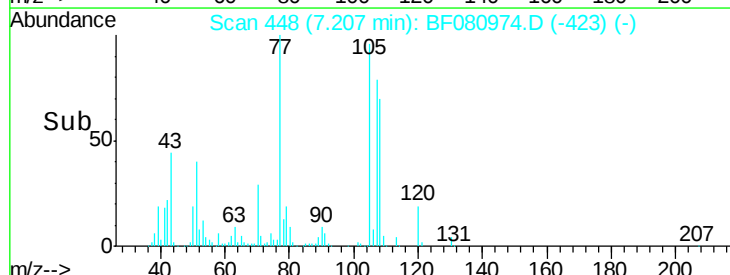
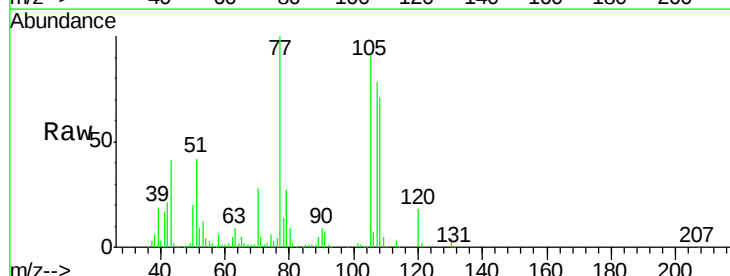
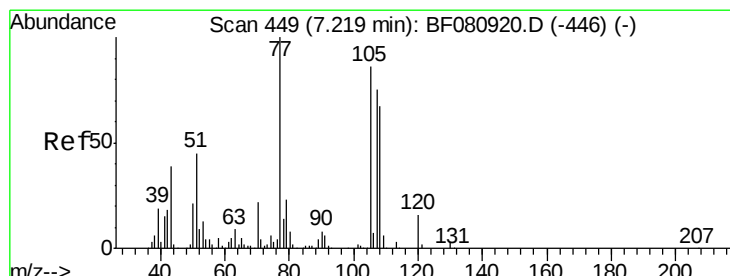
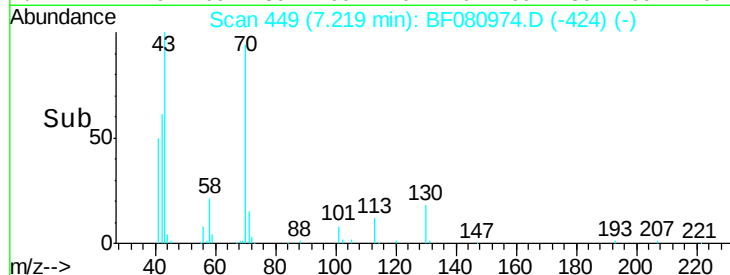
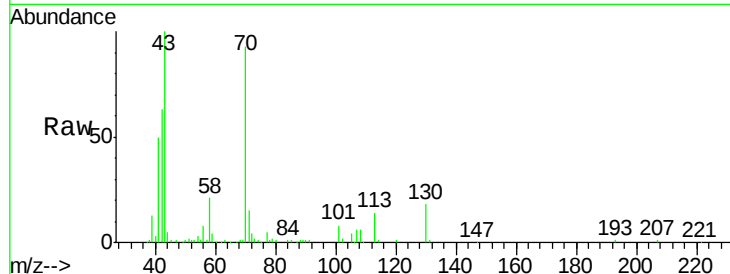
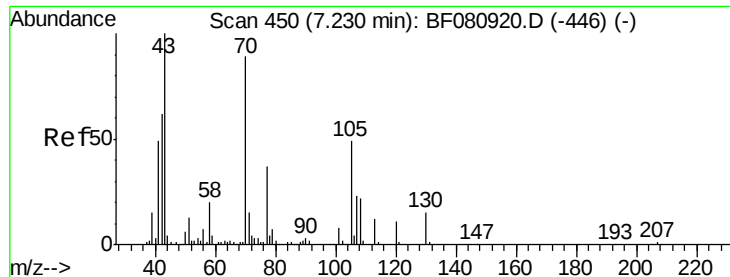
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	52.2	34.6	51.8#
79	53.6	33.6	50.4#



#18
Hexachloroethane
Concen: 38.27 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
201	72.8	57.0	85.6

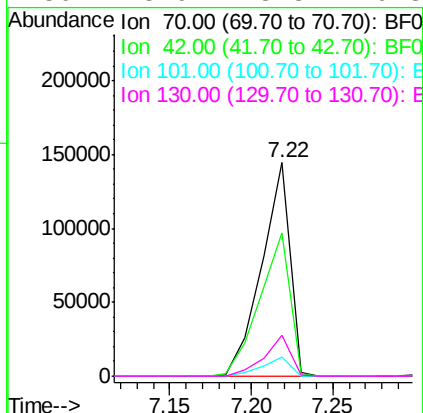




#19
n-Nitroso-di-n-propylamine
Concen: 42.49 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

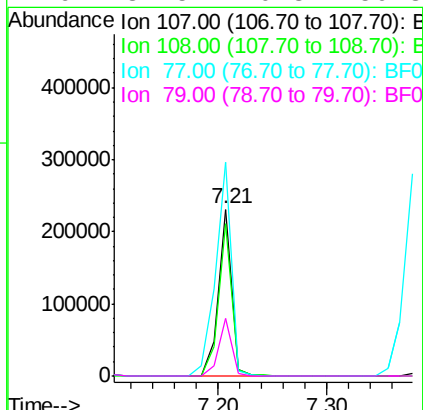
Instrument :
BNA_F
ClientSampleId :

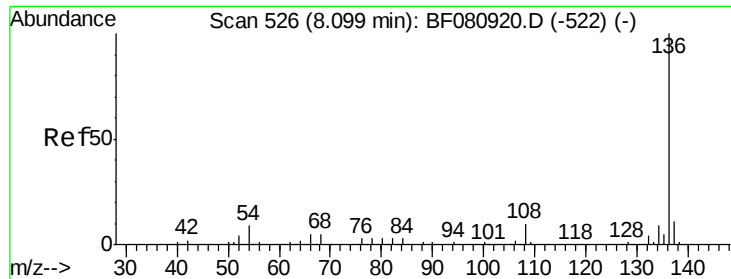
Tot Ion:	70	Resp:	175368
Ion	Ratio	Lower	Upper
70	100		
42	67.2	55.7	83.5
101	9.0	7.0	10.6
130	18.9	13.8	20.8



#20
3+4-Methylphenols
Concen: 39.34 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:	107	Resp:	201161
Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.2	109.2
77	128.3	113.0	153.0
79	34.5	10.3	50.3

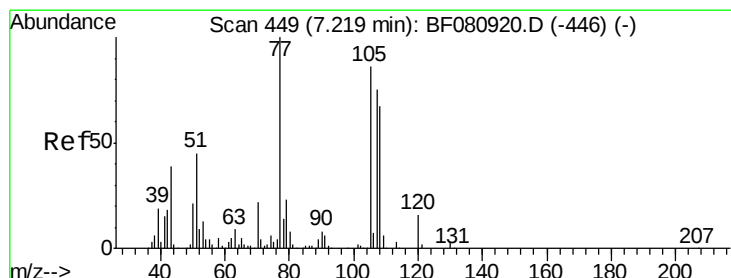
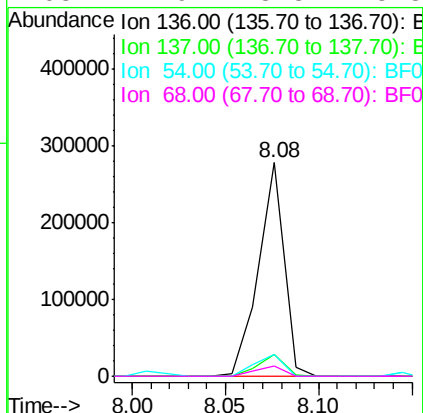
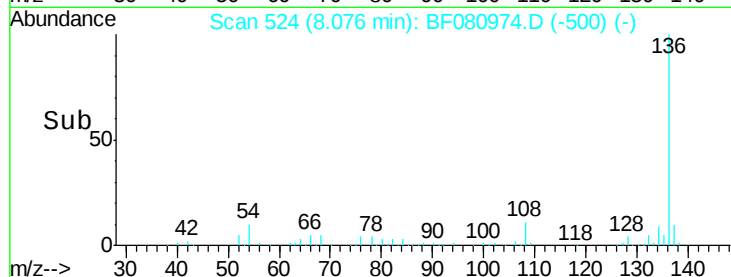
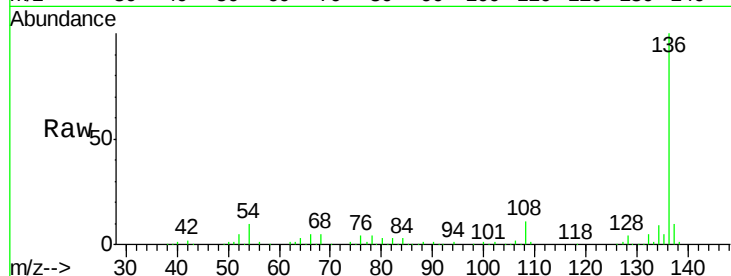




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

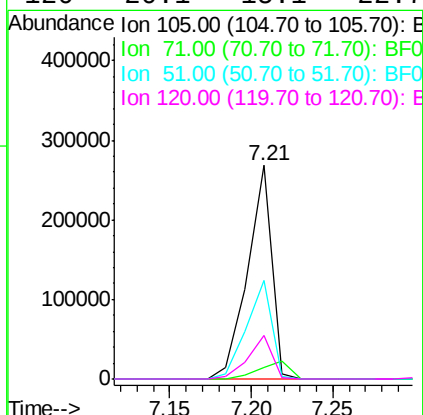
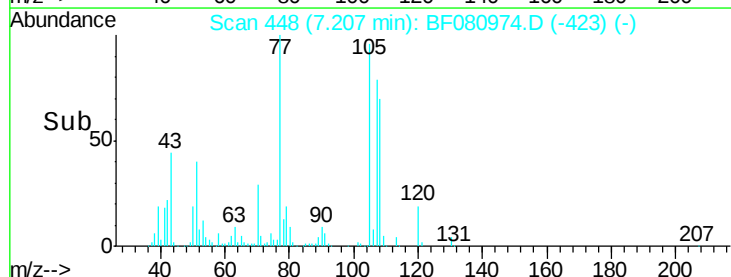
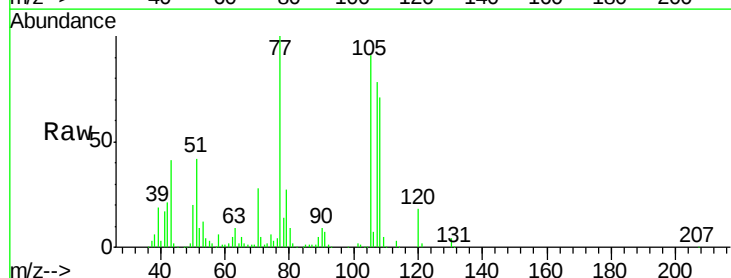
Instrument :
BNA_F
ClientSampleId :

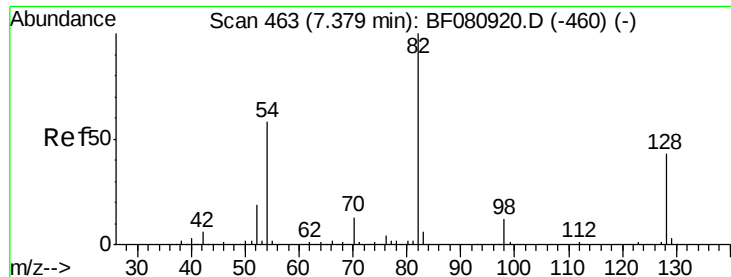
Tot Ion:136	Resp:	263511
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	9.9	7.1 10.7
68	4.9	3.8 5.8



#22
Acetophenone
Concen: 42.71 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:105	Resp:	275767
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.3 4.9#
51	45.9	41.8 62.6
120	20.1	15.1 22.7

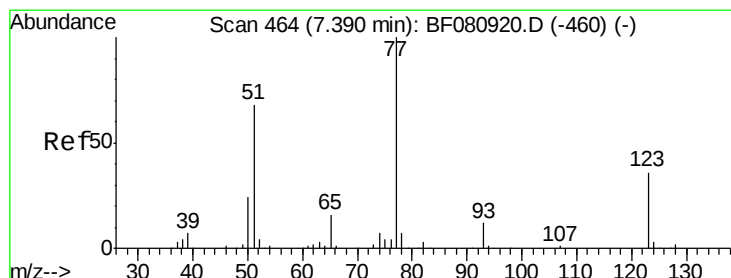
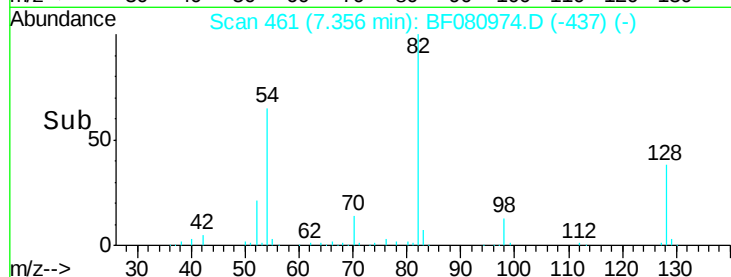
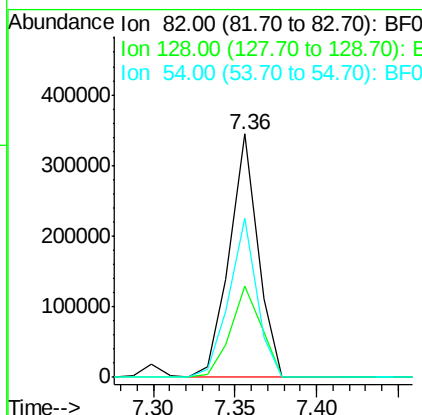
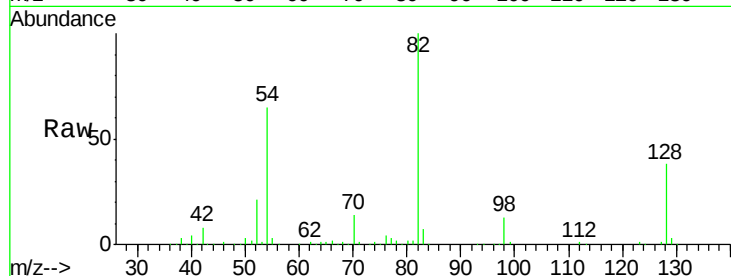




#23
 Nitrobenzene-d5
 Concen: 75.19 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

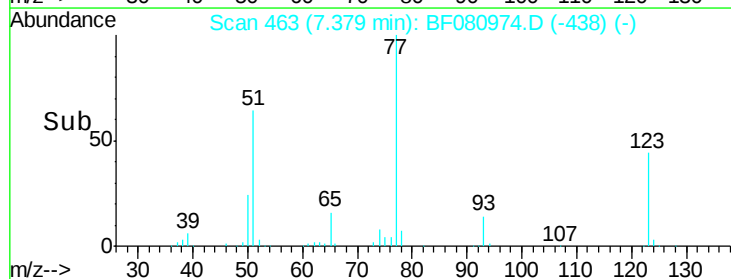
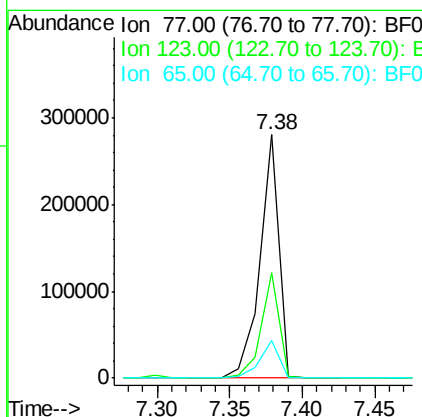
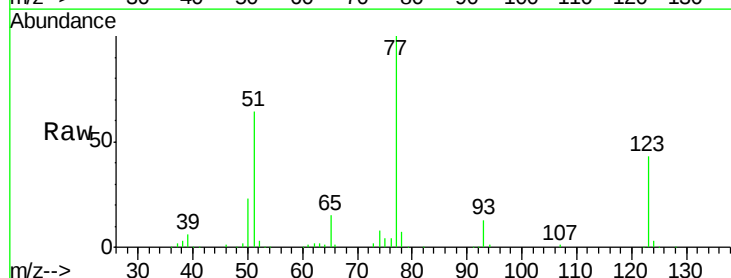
Instrument :
 BNA_F
 ClientSampleId :

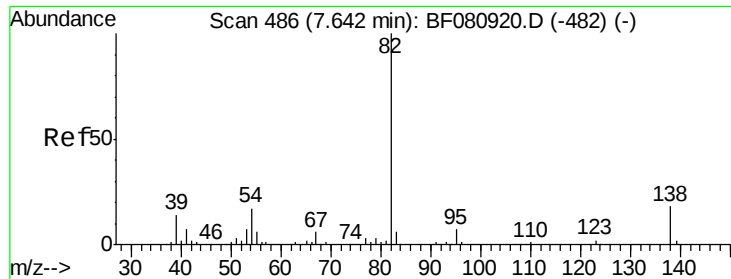
Tot Ion: 82 Resp: 418883
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.1 51.1
 54 65.3 46.5 69.7



#24
 Nitrobenzene
 Concen: 44.12 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion: 77 Resp: 253036
 Ion Ratio Lower Upper
 77 100
 123 43.5 28.7 43.1#
 65 15.4 12.5 18.7





#25

Isophorone

Concen: 38.88 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

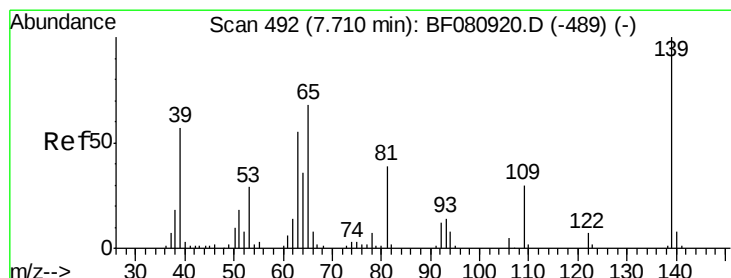
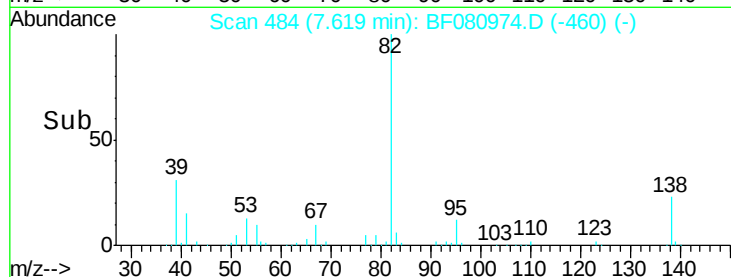
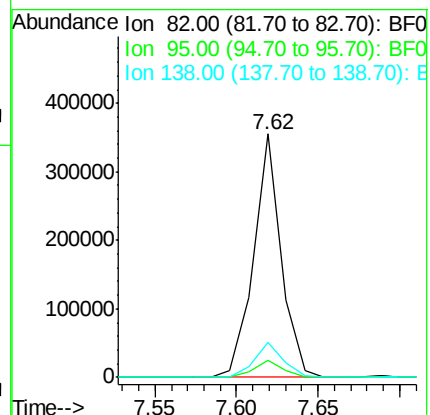
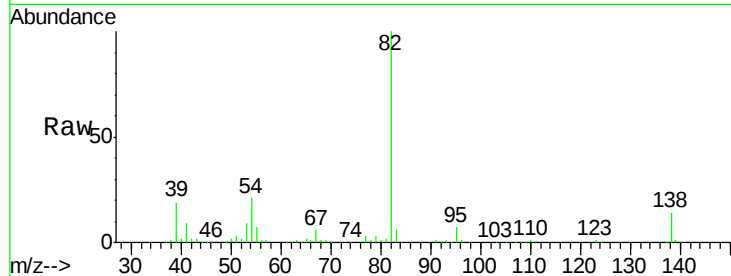
Tot Ion: 82 Resp: 416519

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 14.2 14.1 21.1



#26

2-Nitrophenol

Concen: 36.53 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

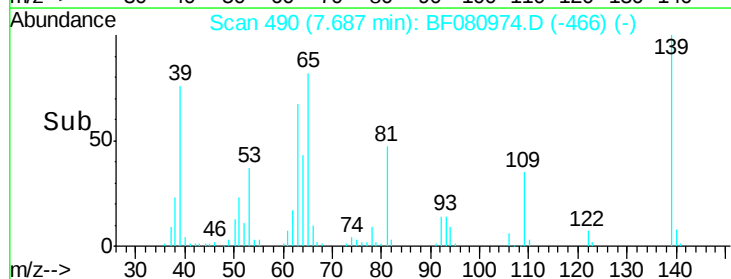
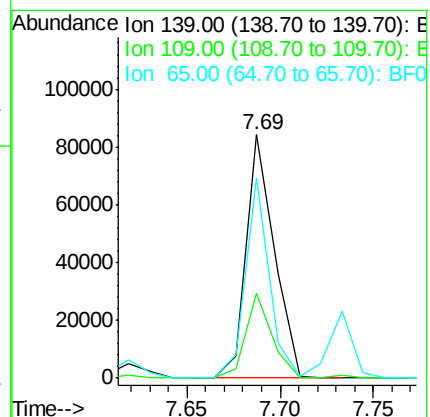
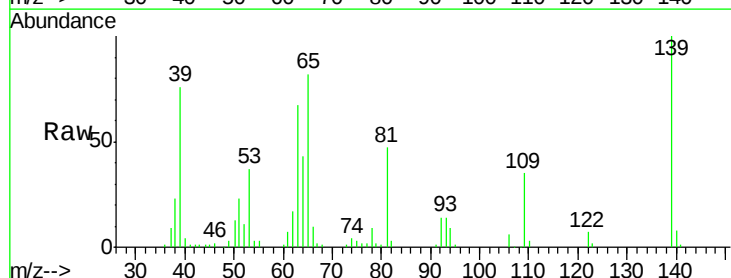
Tgt Ion: 139 Resp: 88166

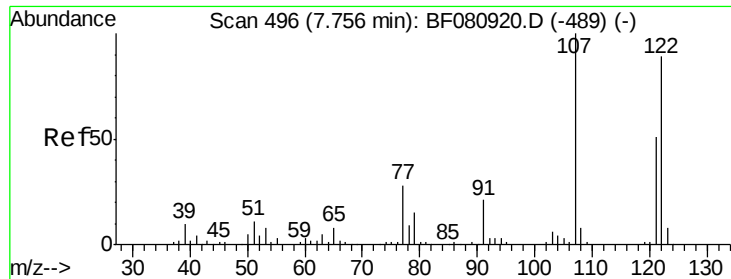
Ion Ratio Lower Upper

139 100

109 35.0 24.1 36.1

65 82.4 54.0 81.0#

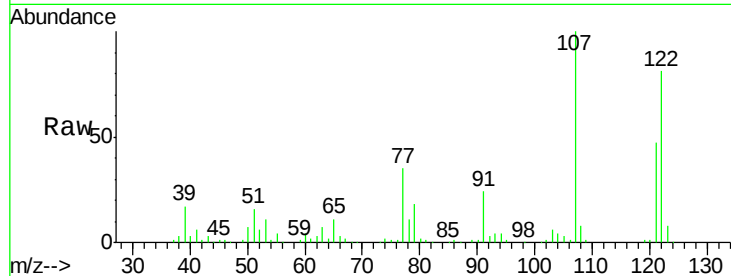




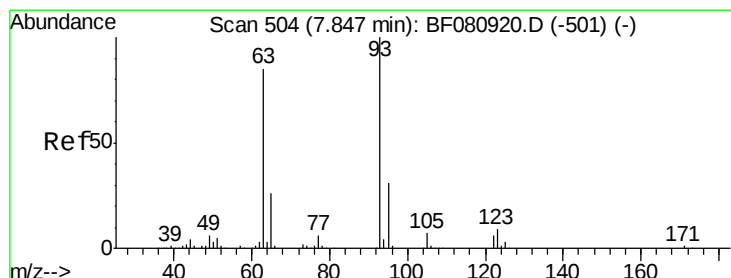
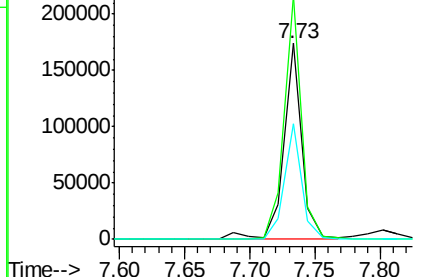
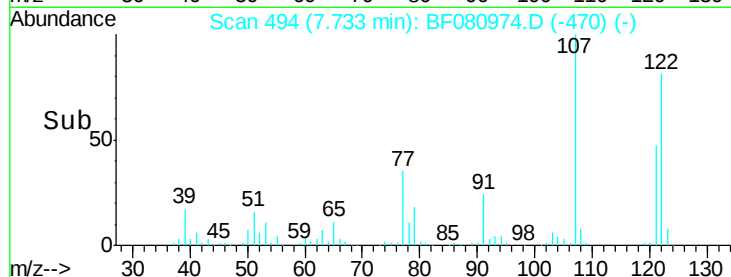
#27
 2,4-Dimethylphenol
 Concen: 37.54 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 169639
 Ion Ratio Lower Upper
 122 100
 107 124.1 90.2 135.4
 121 58.6 46.0 69.0

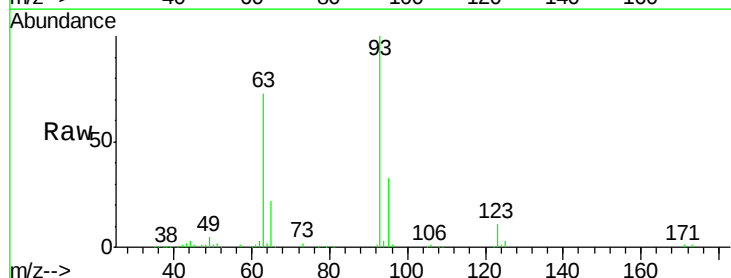


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

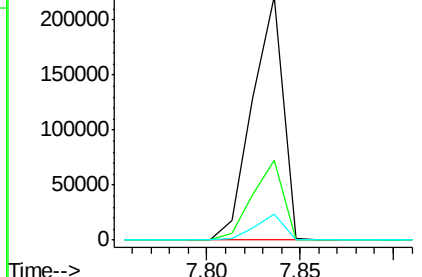
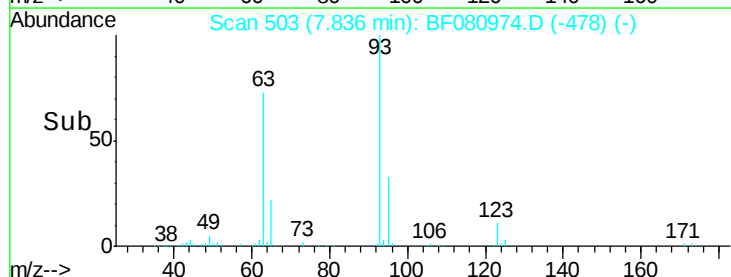


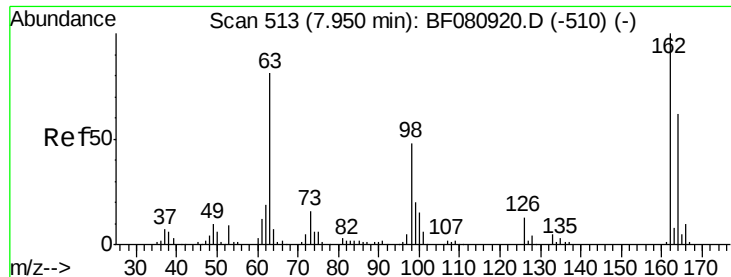
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.28 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion: 93 Resp: 252645
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.0 37.4
 123 10.5 7.4 11.0



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

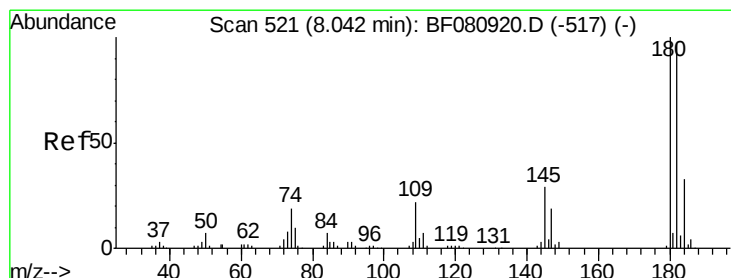
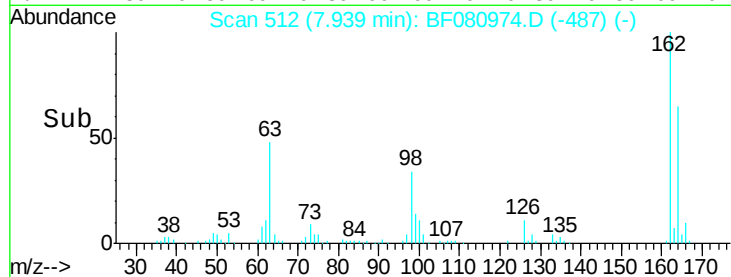
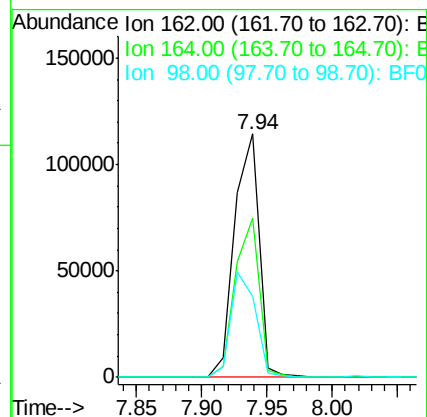
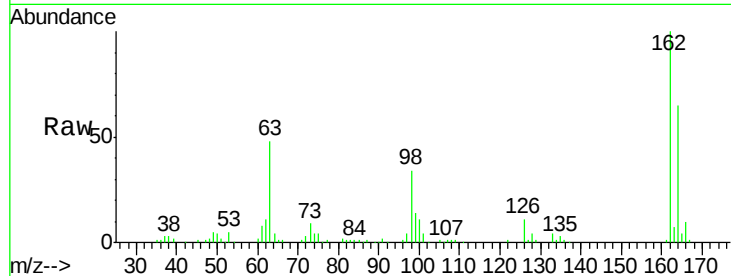




#29
 2,4-Dichlorophenol
 Concen: 40.19 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

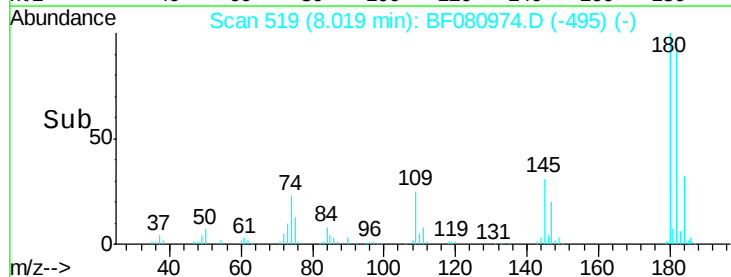
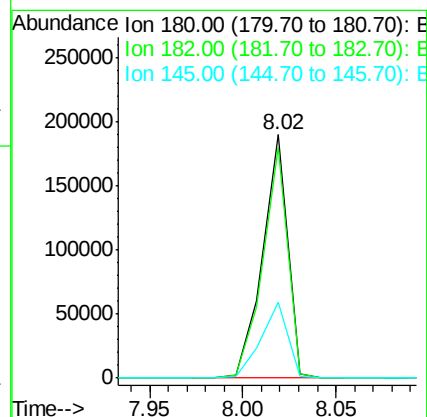
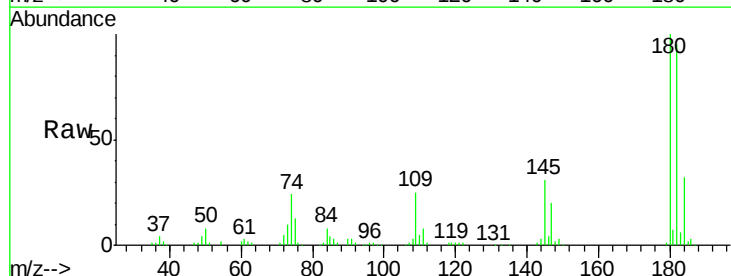
Instrument :
 BNA_F
 ClientSampleId :

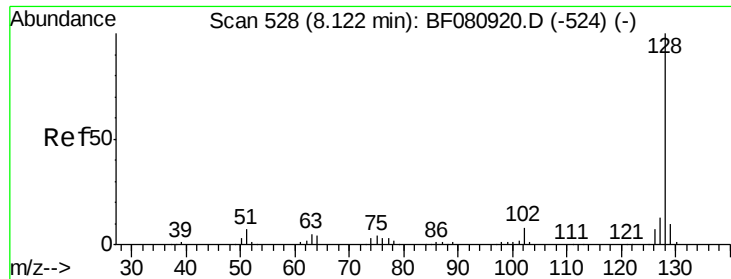
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.3	82.3
98	33.5	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 43.32 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.4	116.0
145	31.3	23.2	34.8

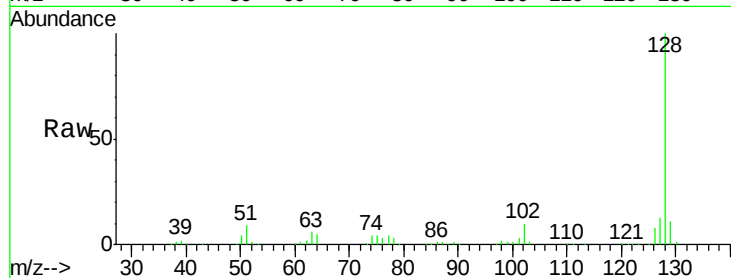




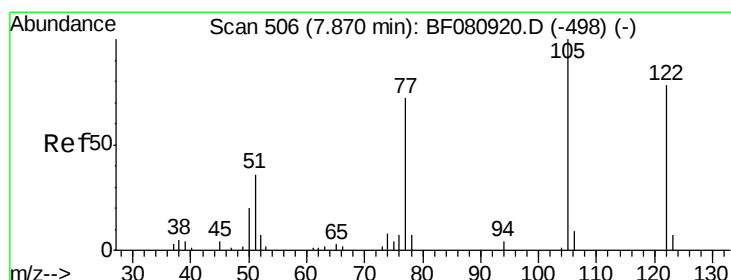
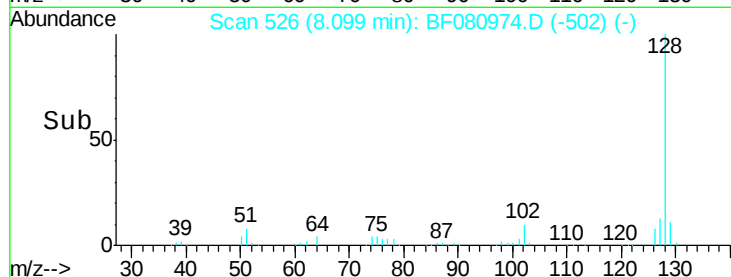
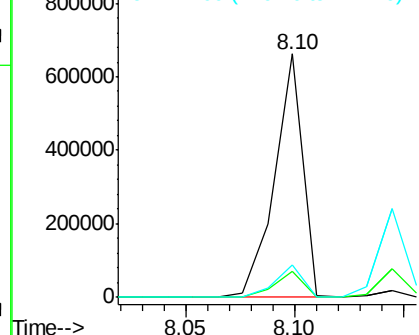
#31
Naphthalene
Concen: 41.57 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 603786
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 10.5 15.7

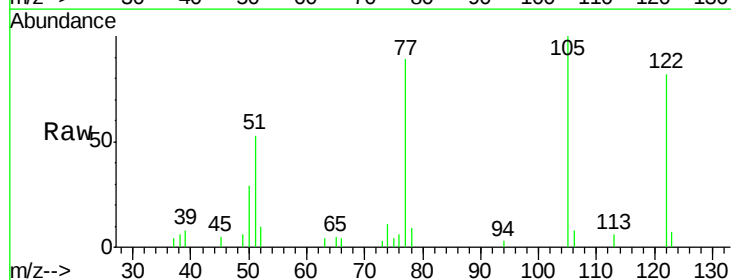


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

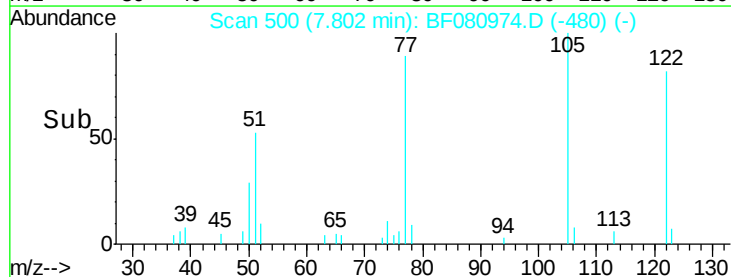
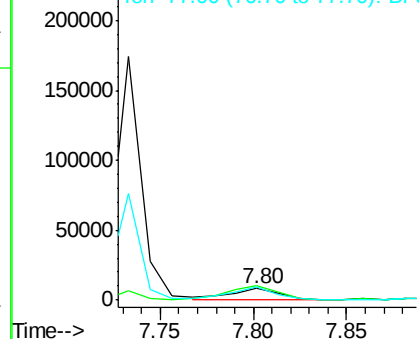


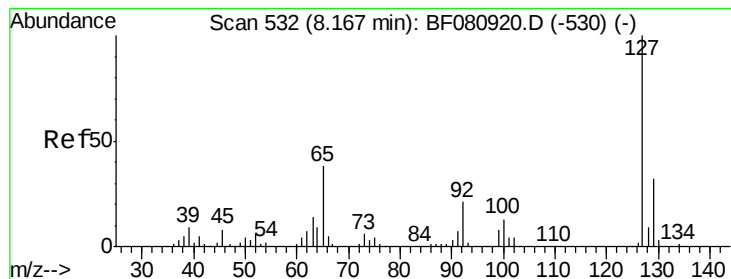
#32
Benzoic acid
Concen: 6.06 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:122 Resp: 16405
Ion Ratio Lower Upper
122 100
105 122.7 103.6 143.6
77 109.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.73 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 210895

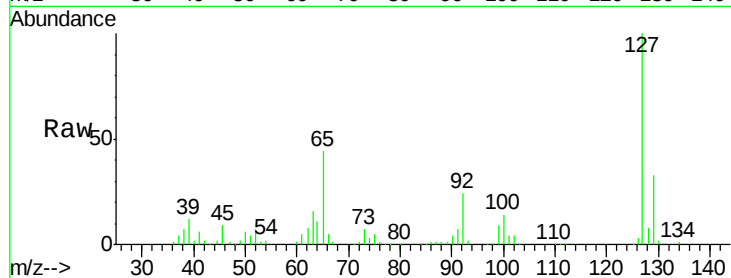
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 43.5 30.6 45.8

92 23.6 16.9 25.3

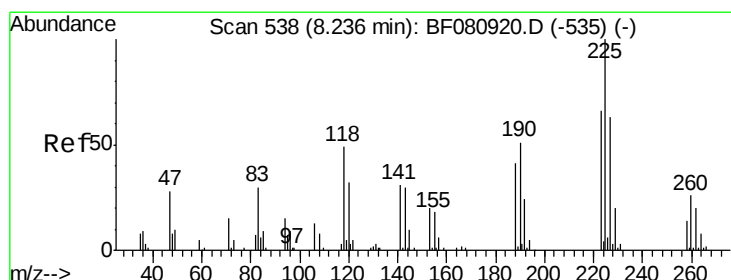
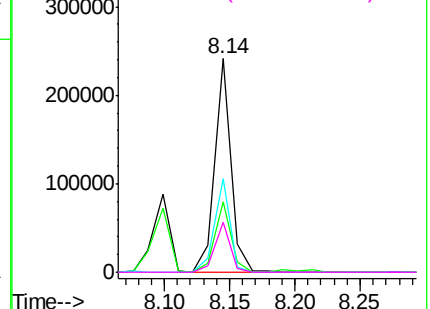
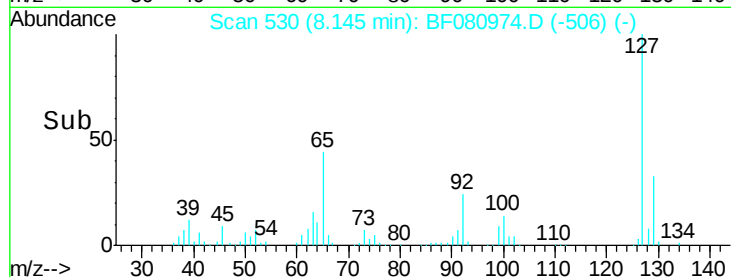


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.91 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

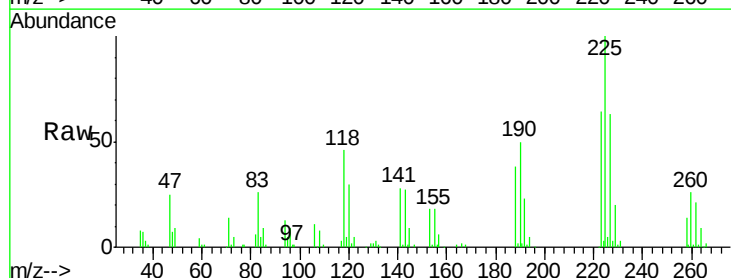
Tgt Ion:225 Resp: 91551

Ion Ratio Lower Upper

225 100

223 64.2 52.5 78.7

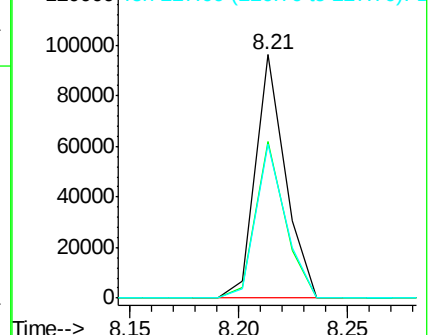
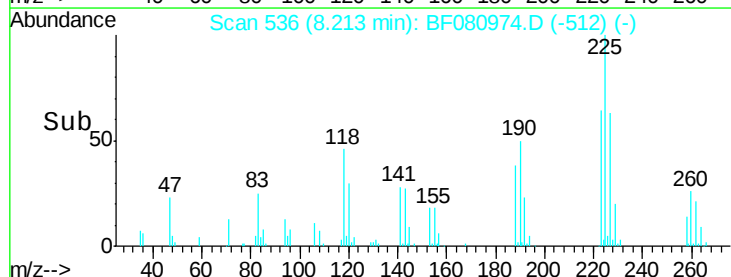
227 63.3 50.3 75.5

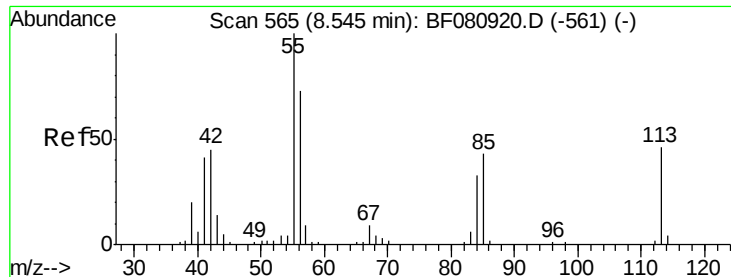


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

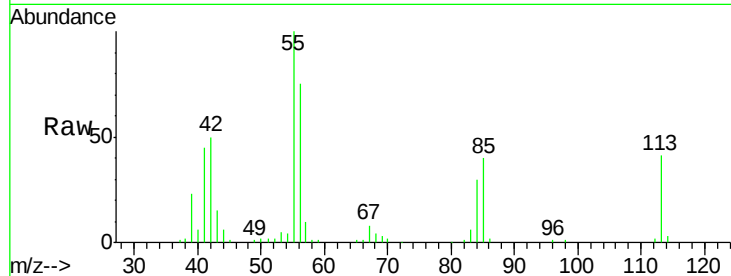




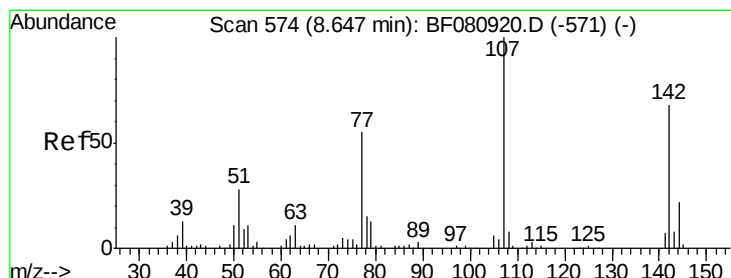
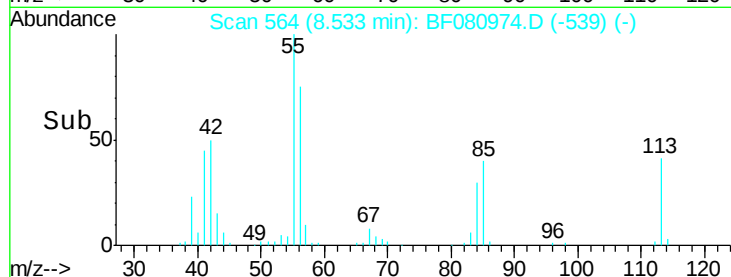
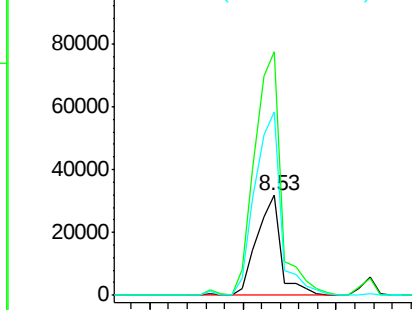
#35
Caprolactam
Concen: 43.47 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58066
Ion Ratio Lower Upper
113 100
55 244.1 196.4 236.4#
56 184.2 137.9 177.9#

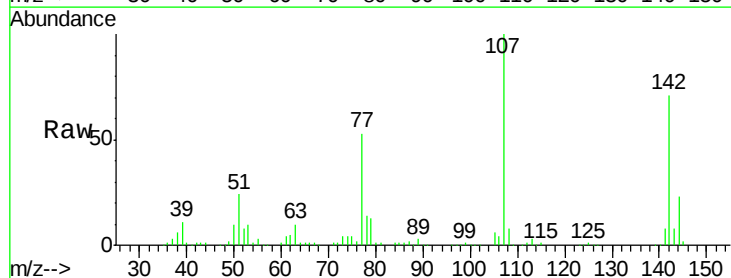


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

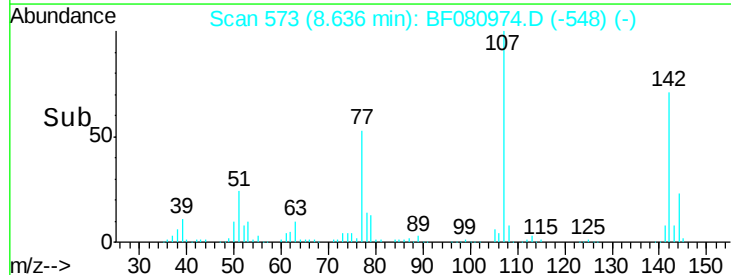
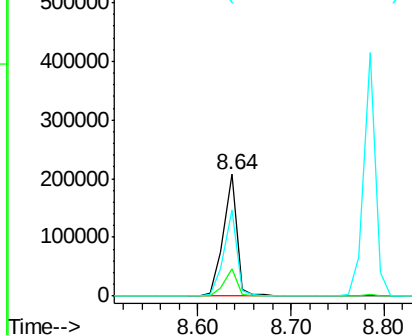


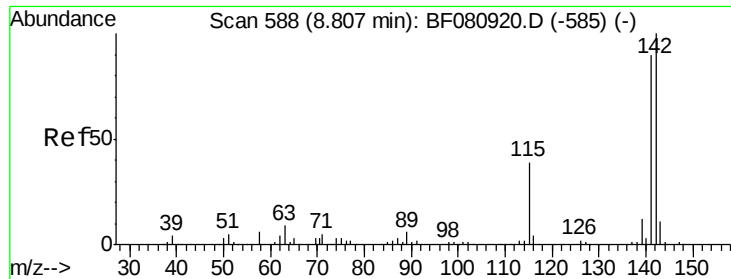
#36
4-Chloro-3-methylphenol
Concen: 46.59 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:107 Resp: 211112
Ion Ratio Lower Upper
107 100
144 22.5 17.3 25.9
142 71.1 54.4 81.6



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

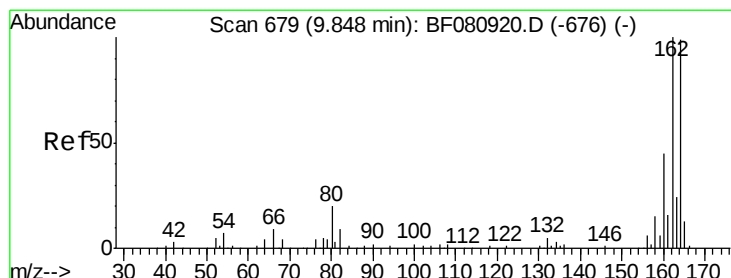
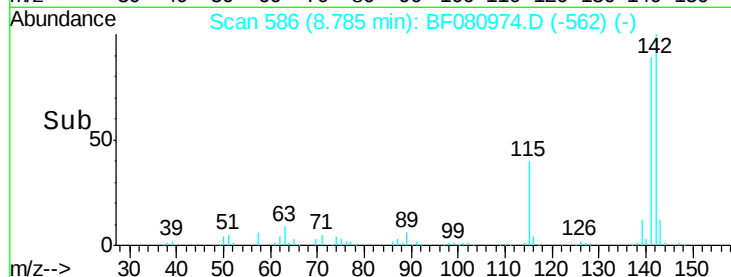
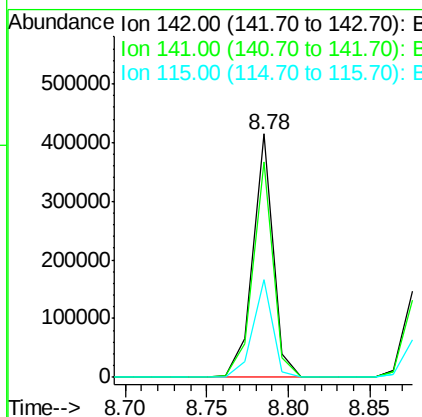
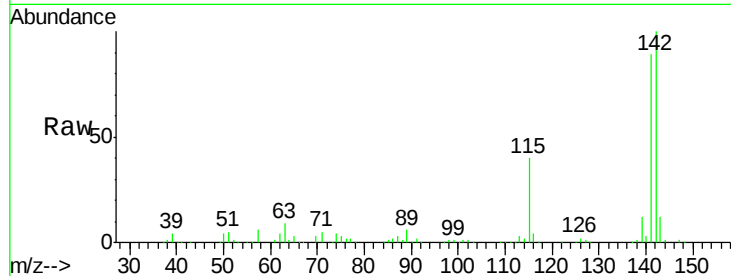




#37
2-Methylnaphthalene
Concen: 38.90 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

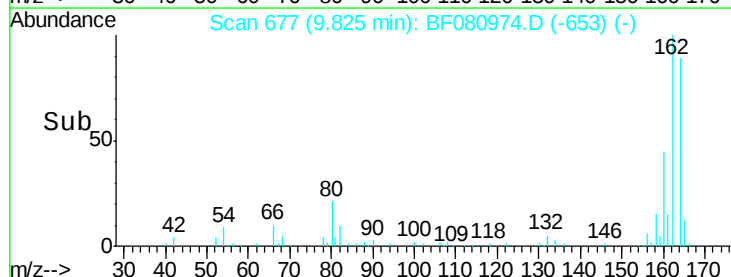
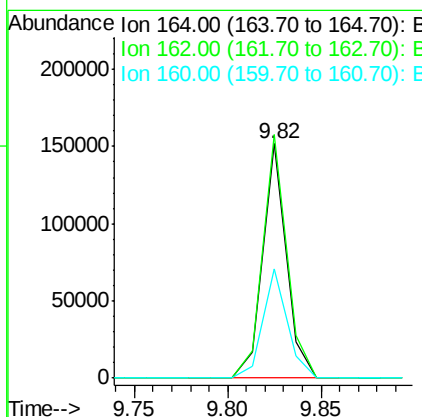
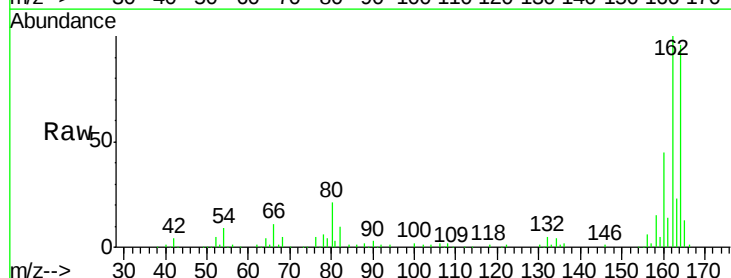
Instrument :
BNA_F
ClientSampleId :

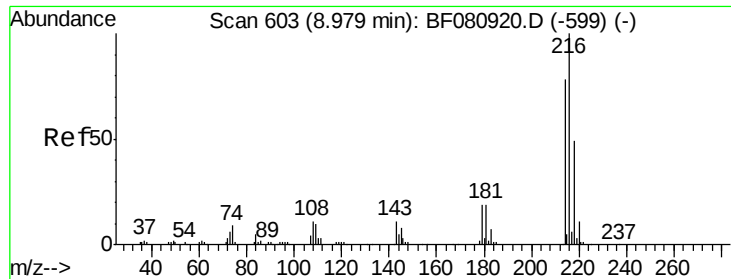
Tot Ion:142 Resp: 359659
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5
115 40.0 30.9 46.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:164 Resp: 131900
Ion Ratio Lower Upper
164 100
162 104.0 80.5 120.7
160 46.9 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.17 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080974.D

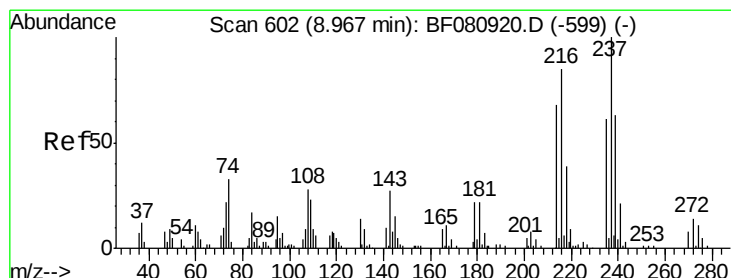
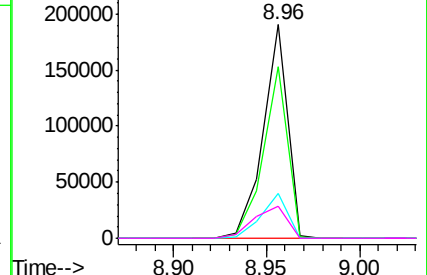
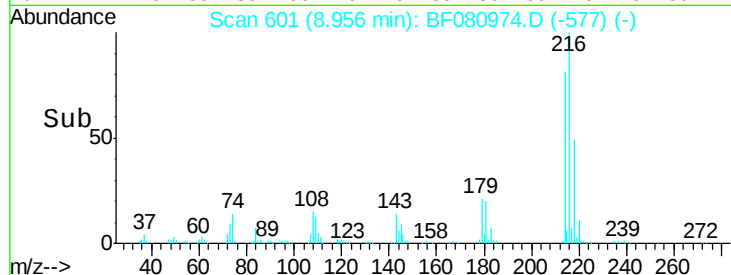
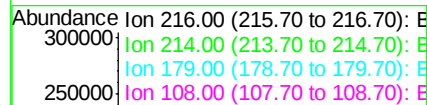
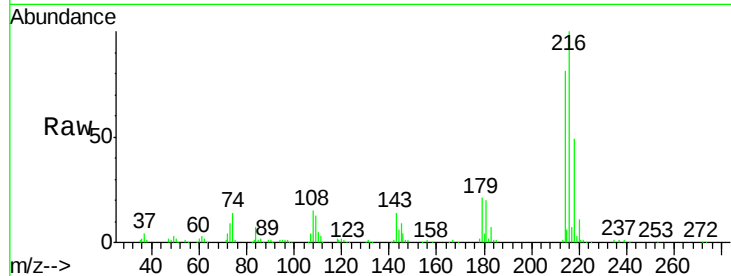
Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	171466
Ion Ratio	Lower	Upper
216	100	
214	80.6	63.0 94.4
179	22.8	17.2 25.8
108	20.8	16.1 24.1



#40

Hexachlorocyclopentadiene

Concen: 43.30 ng

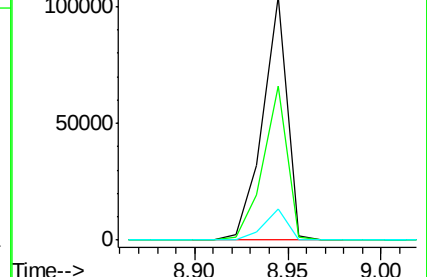
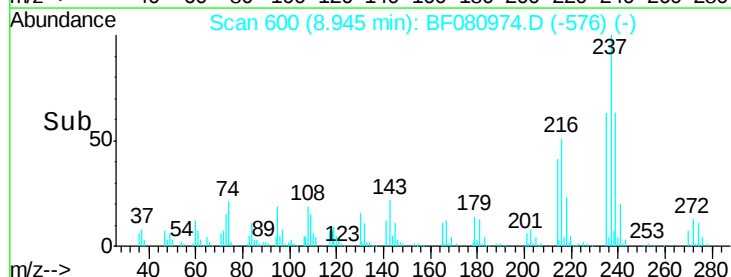
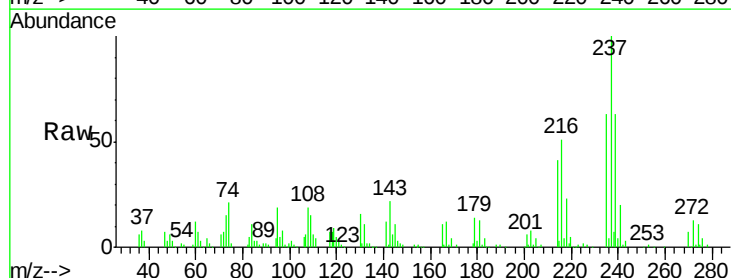
RT: 8.94 min Scan# 600

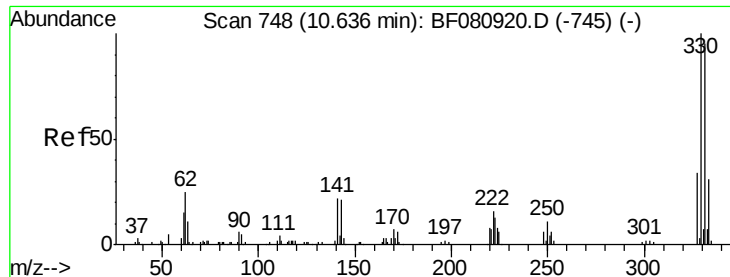
Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Tgt Ion:237	Resp:	96075
Ion Ratio	Lower	Upper
237	100	
235	63.4	41.3 81.3
272	12.9	0.0 33.6

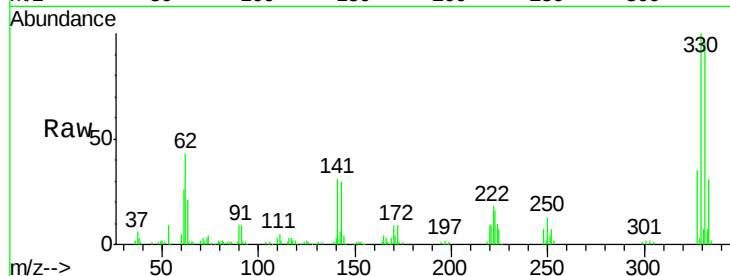




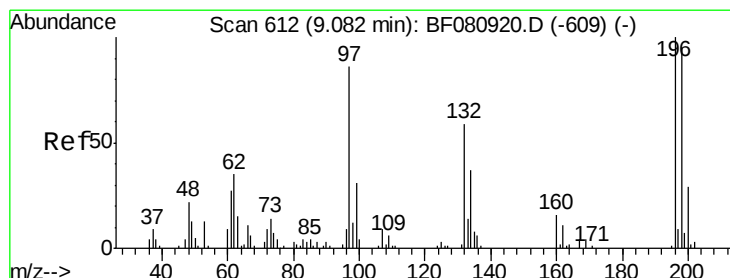
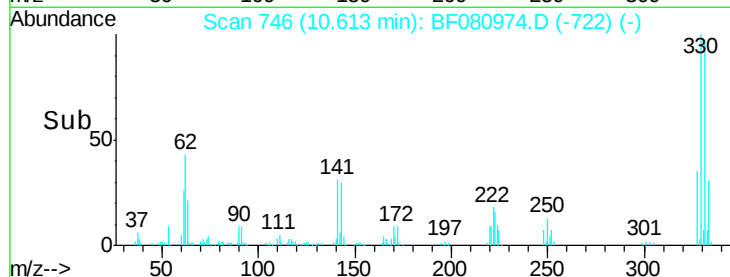
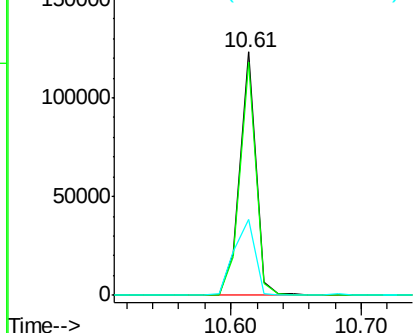
#41
 2,4,6-Tribromophenol
 Concen: 72.54 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	40.8	27.8	41.8

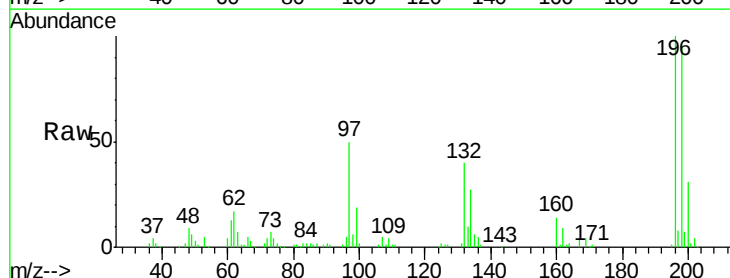


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

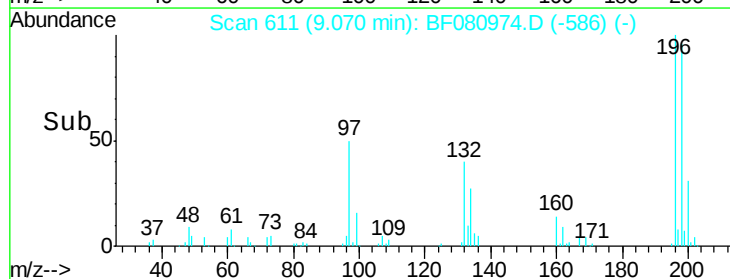
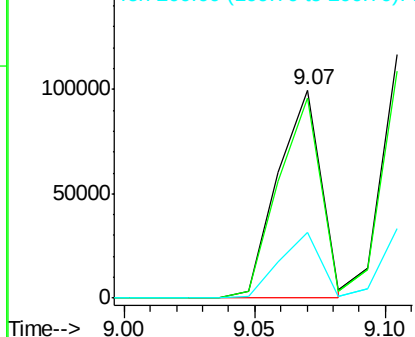


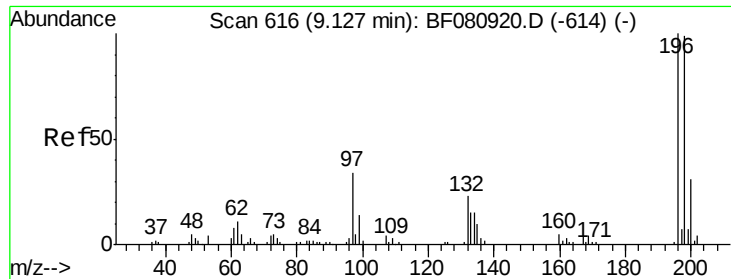
#42
 2,4,6-Trichlorophenol
 Concen: 38.36 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.9	113.9
200	31.5	23.1	34.7



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

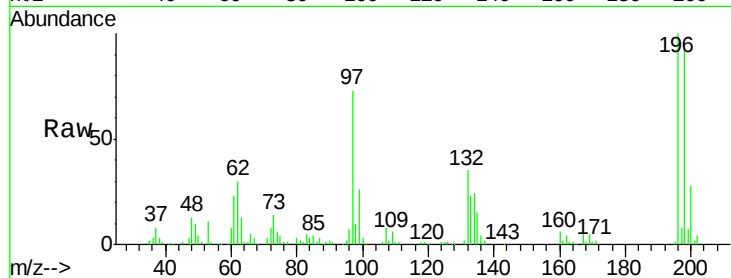




#43
 2,4,5-Trichlorophenol
 Concen: 37.85 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		113678		
198	93.1	78.9	118.3		
97	72.6	29.1	43.7#		
132	35.0	19.1	28.7#		



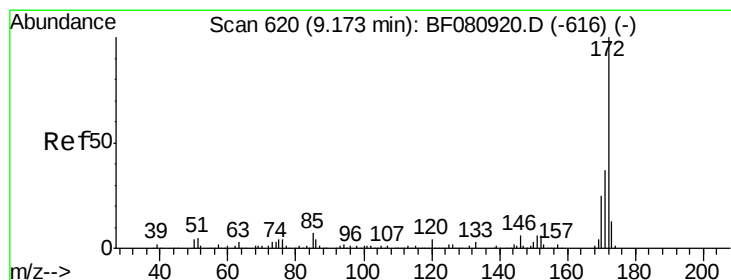
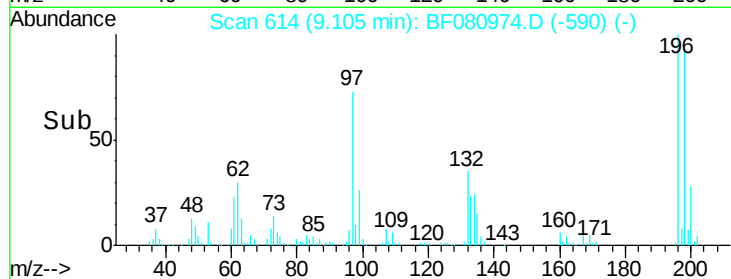
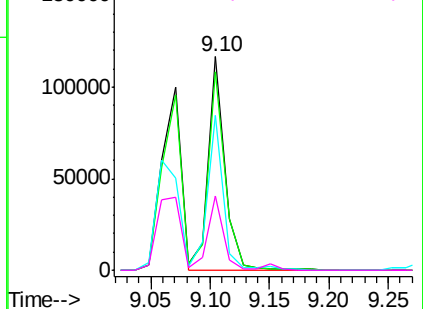
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

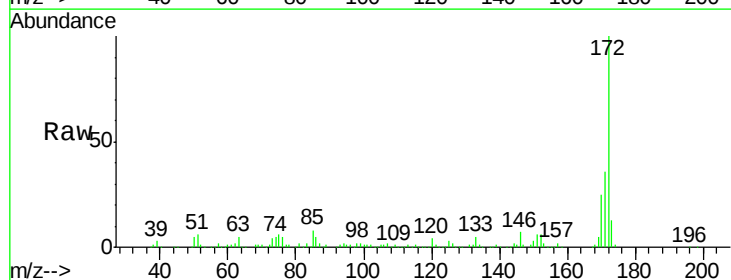
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.85 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		663818		
171	36.3	29.4	44.0		
170	24.7	19.7	29.5		

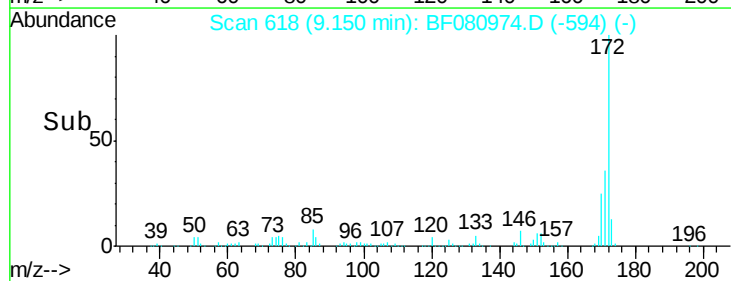
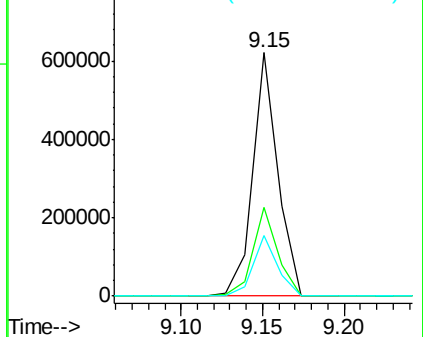


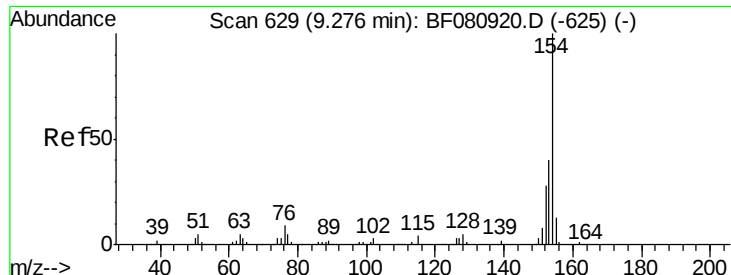
Abundance

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: 40.07 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

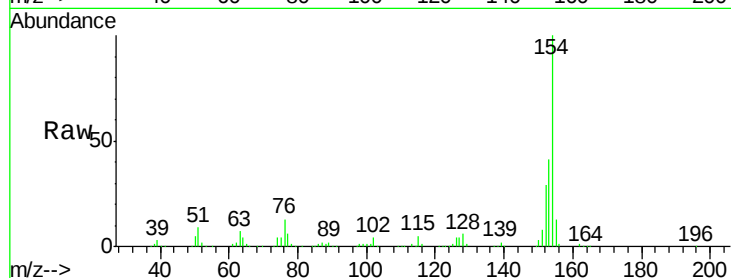
Tot Ion:154 Resp: 453620

Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

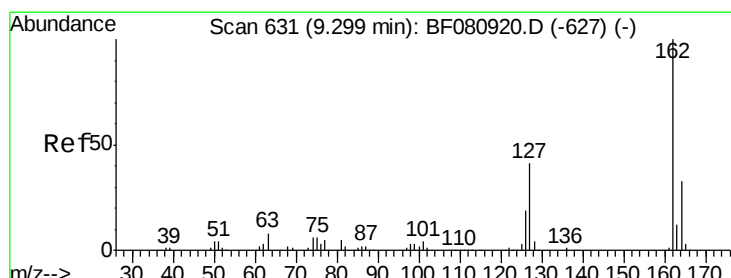
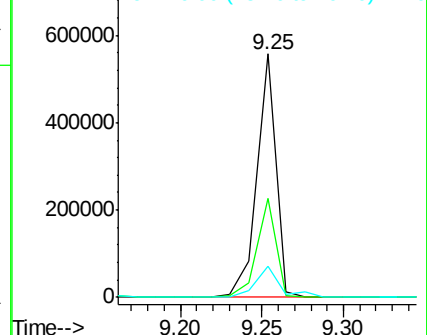
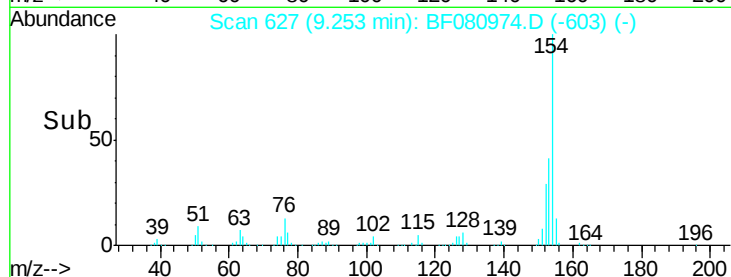
76 12.6 0.0 29.3



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: 39.74 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

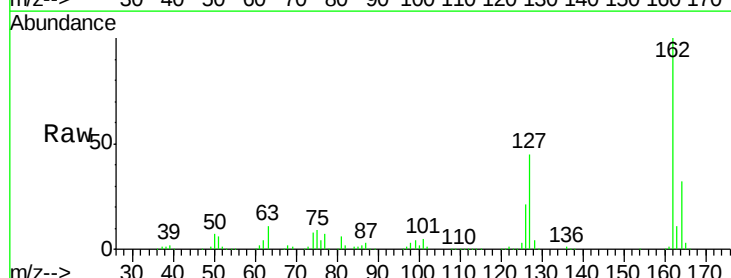
Tgt Ion:162 Resp: 350726

Ion Ratio Lower Upper

162 100

127 45.1 32.5 48.7

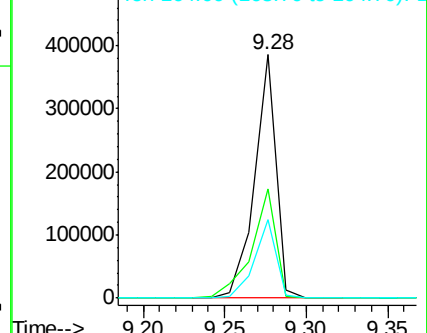
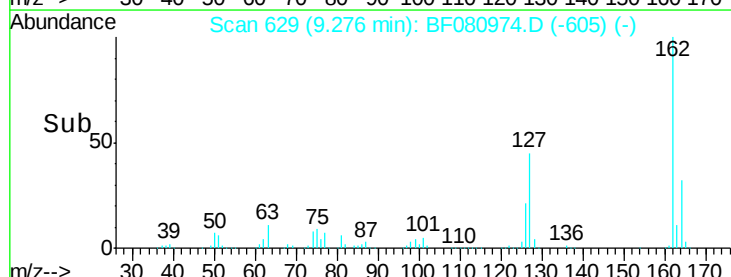
164 32.1 26.2 39.4

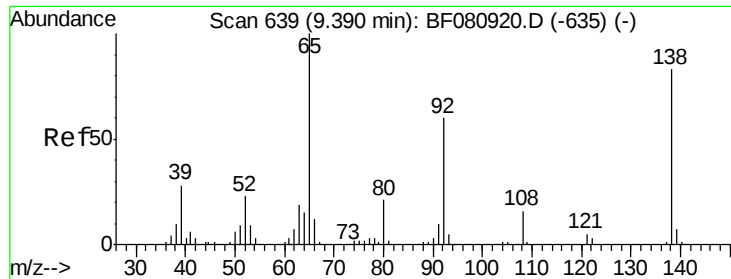


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

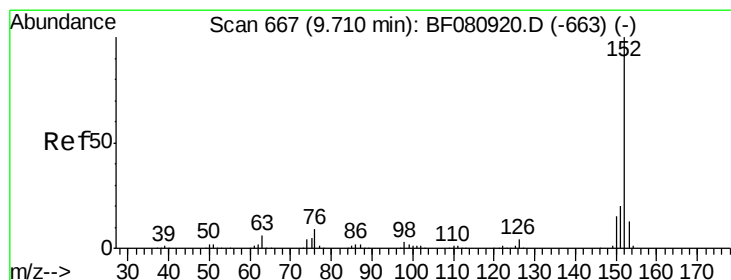
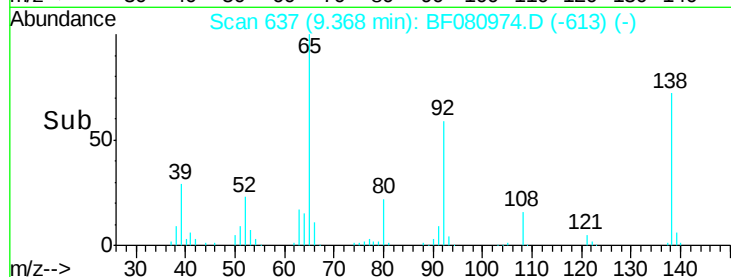
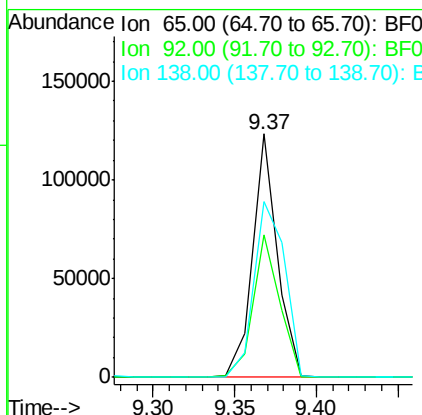
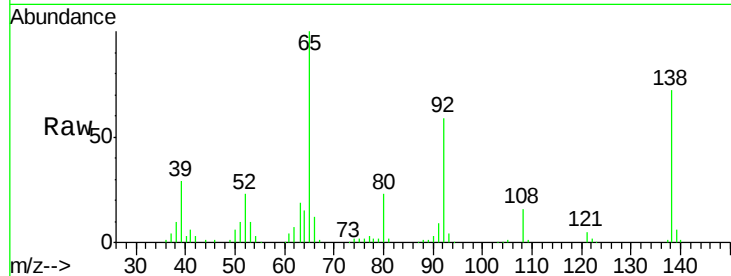




#47
2-Nitroaniline
Concen: 36.53 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

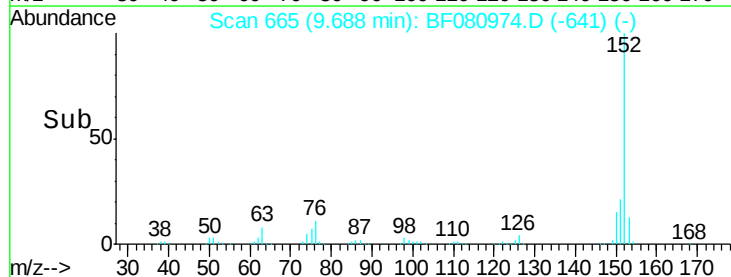
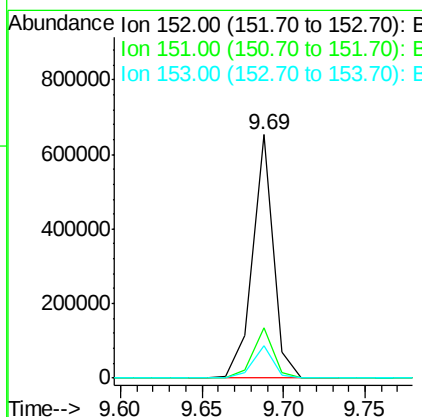
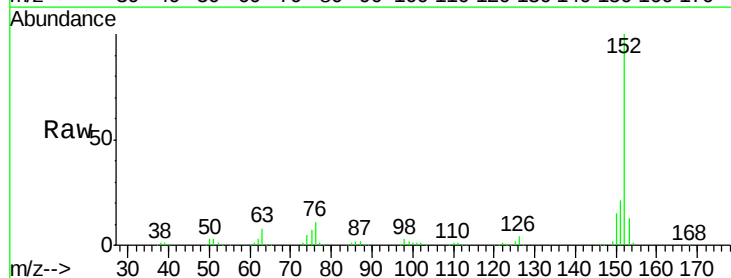
Instrument :
BNA_F
ClientSampleId :

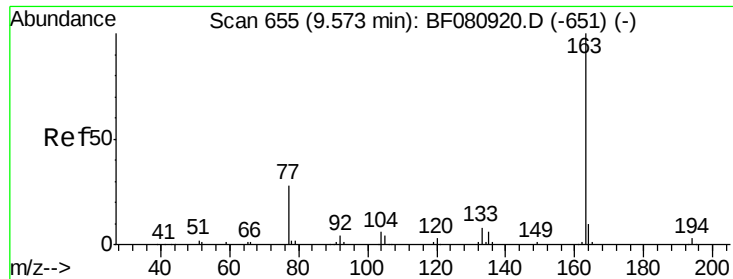
Tot Ion: 65 Resp: 129279
Ion Ratio Lower Upper
65 100
92 58.6 48.0 72.0
138 72.1 66.1 99.1



#48
Acenaphthylene
Concen: 37.79 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion: 152 Resp: 579863
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.5 15.7

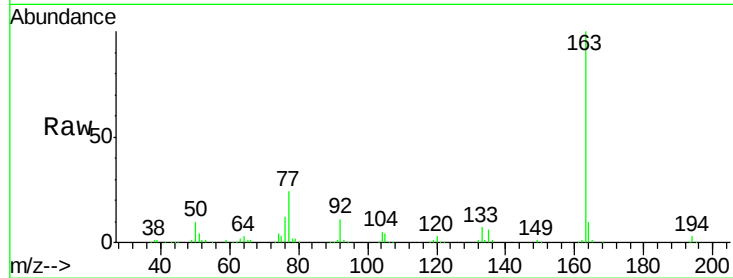




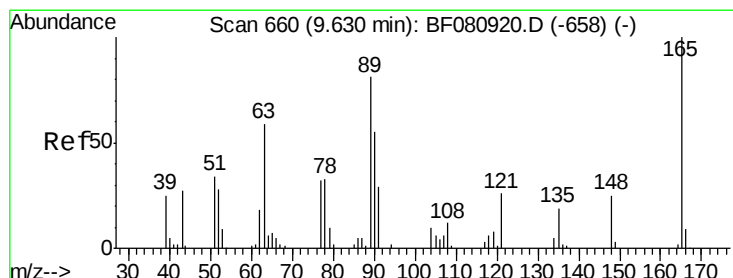
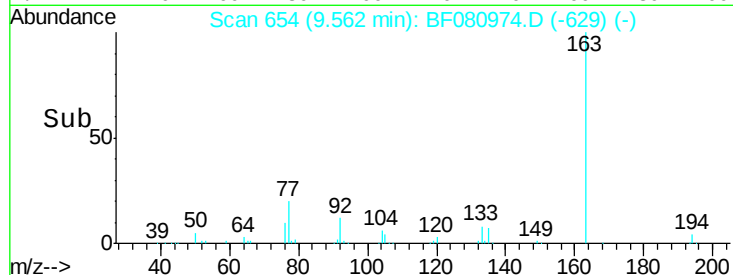
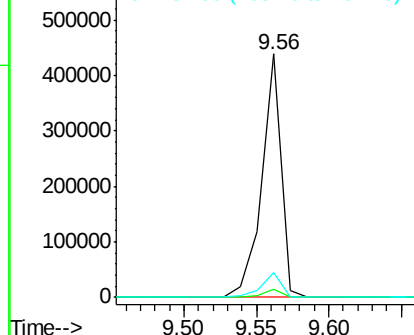
#49
Dimethylphthalate
Concen: 36.94 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 404714
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 10.0 8.2 12.4

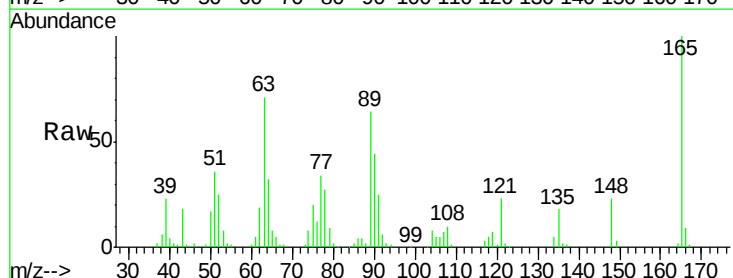


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

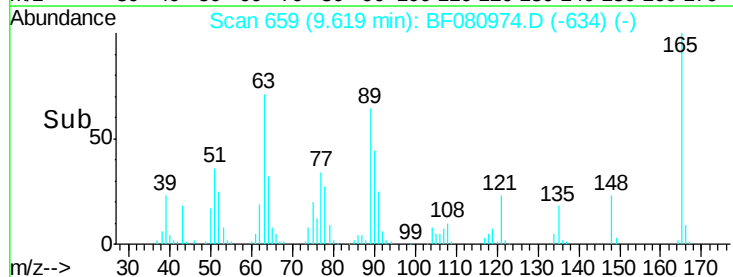
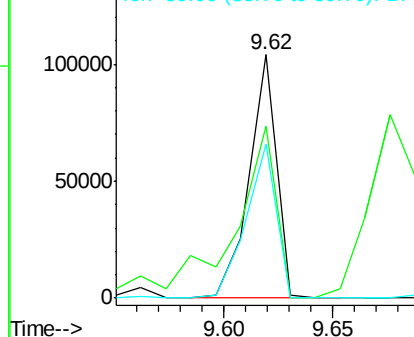


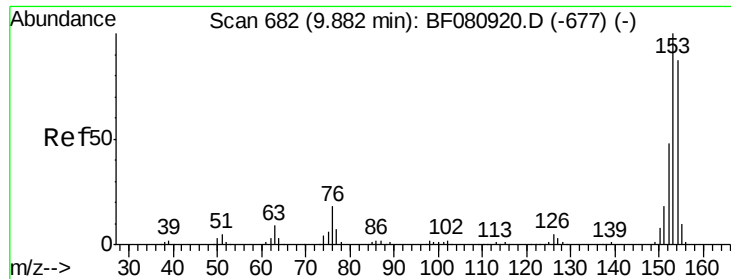
#50
2,6-Dinitrotoluene
Concen: 40.00 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:165 Resp: 90553
Ion Ratio Lower Upper
165 100
63 70.6 77.6 116.4#
89 63.5 64.5 96.7#



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

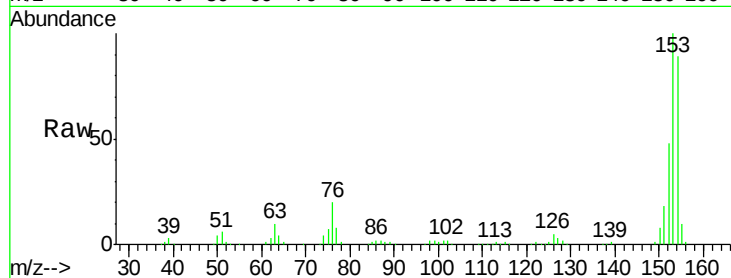




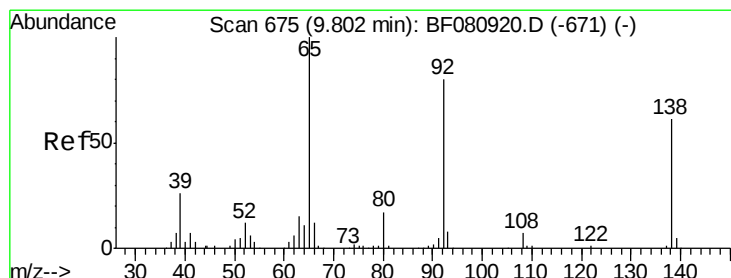
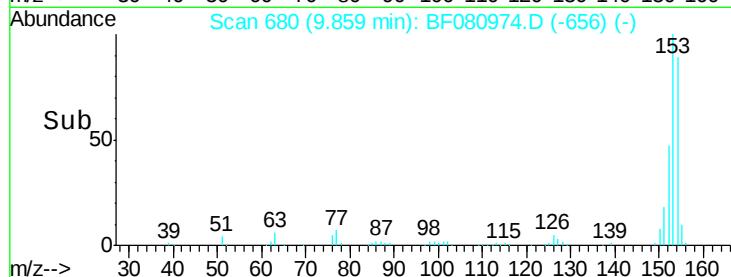
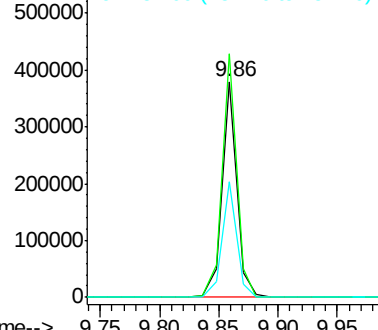
#51
Acenaphthene
Concen: 35.22 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 330943
Ion Ratio Lower Upper
154 100
153 112.9 91.4 137.2
152 53.7 44.2 66.4

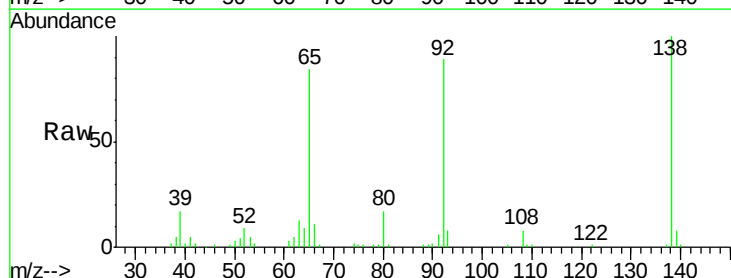


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

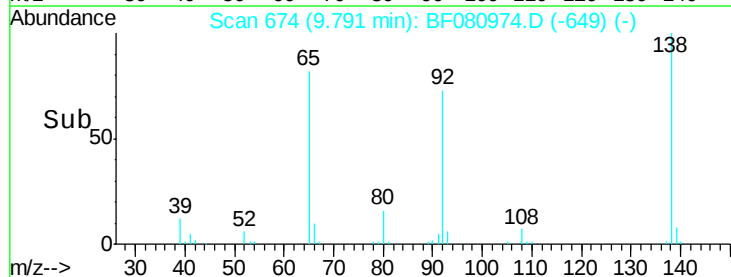
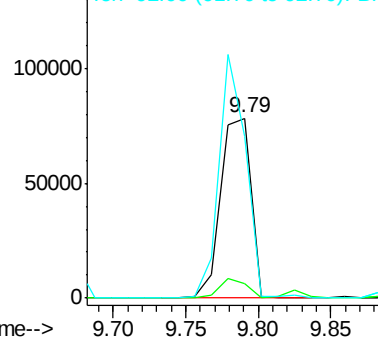


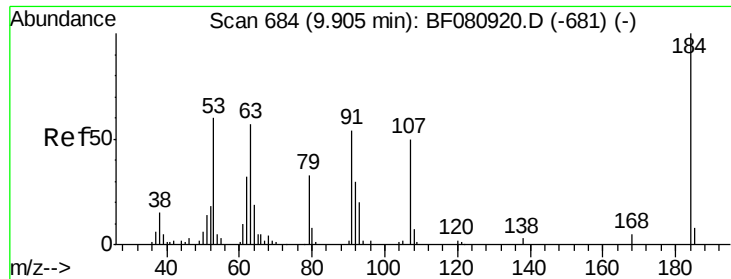
#52
3-Nitroaniline
Concen: 40.66 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:138 Resp: 113458
Ion Ratio Lower Upper
138 100
108 8.1 8.7 13.1#
92 89.4 104.4 156.6#



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

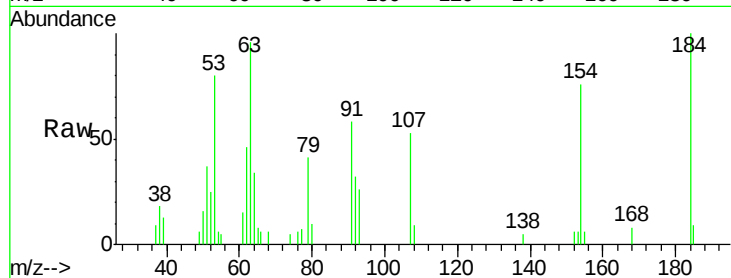




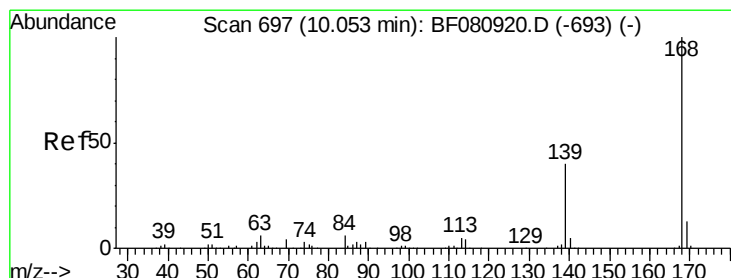
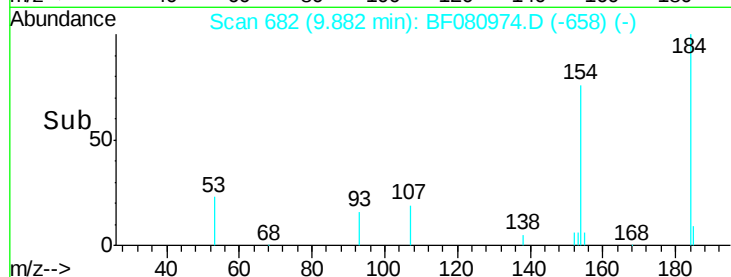
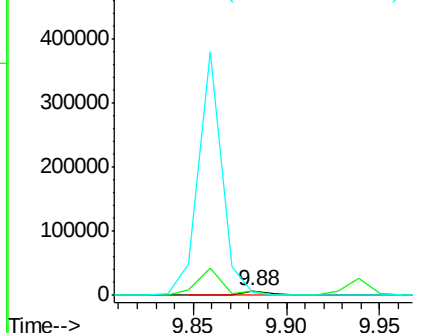
#53
 2,4-Dinitrophenol
 Concen: 10.63 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 6686
 Ion Ratio Lower Upper
 184 100
 63 96.3 59.7 89.5#
 154 76.3 53.8 80.8

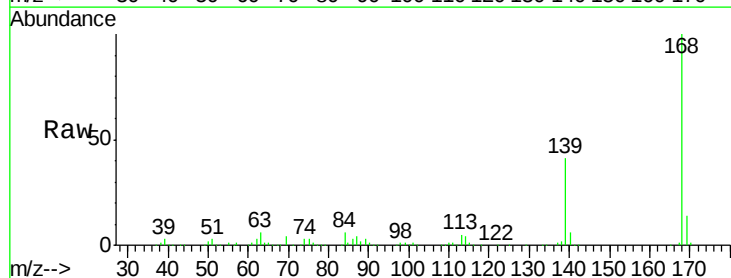


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

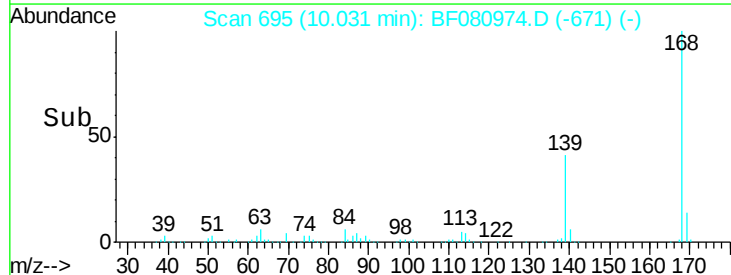
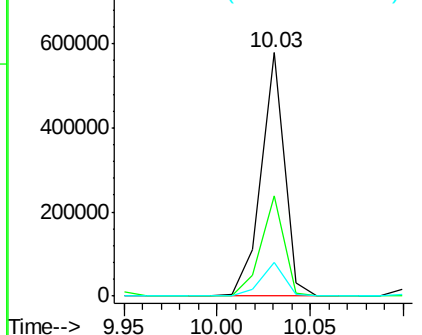


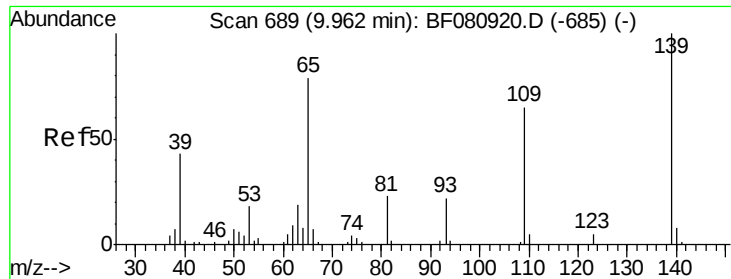
#54
 Dibenzofuran
 Concen: 39.09 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:168 Resp: 496668
 Ion Ratio Lower Upper
 168 100
 139 41.4 31.9 47.9
 169 13.6 10.6 15.8



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

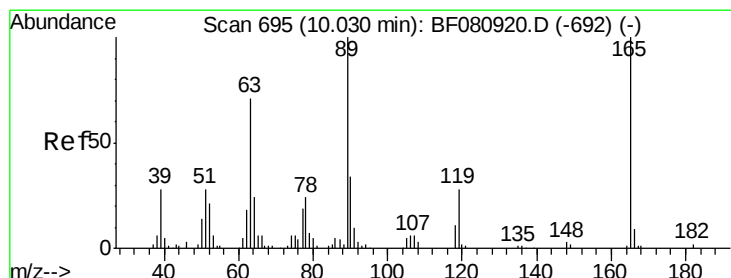
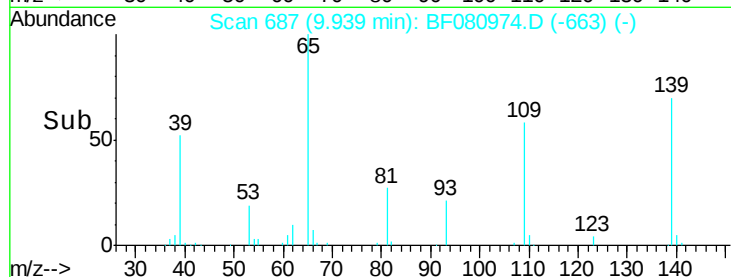
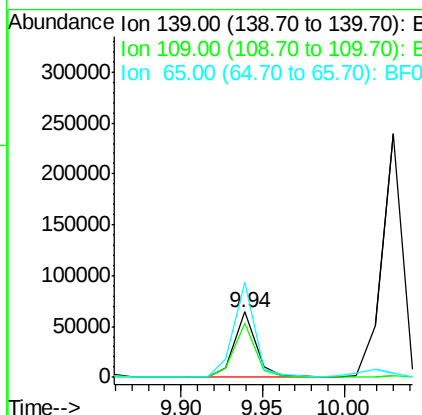
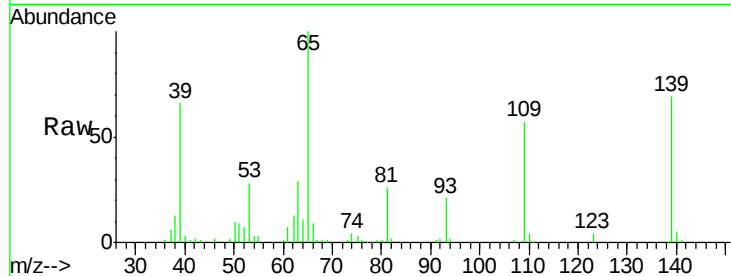




#55
4-Nitrophenol
Concen: 29.27 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

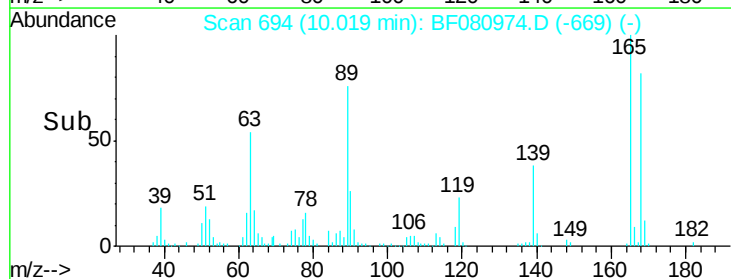
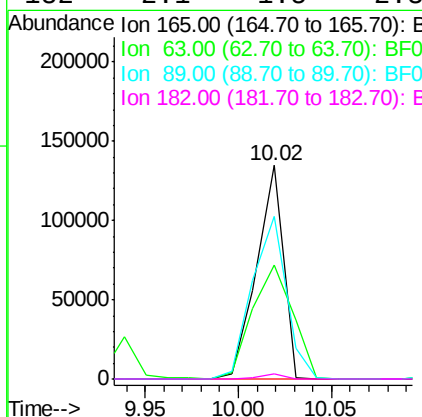
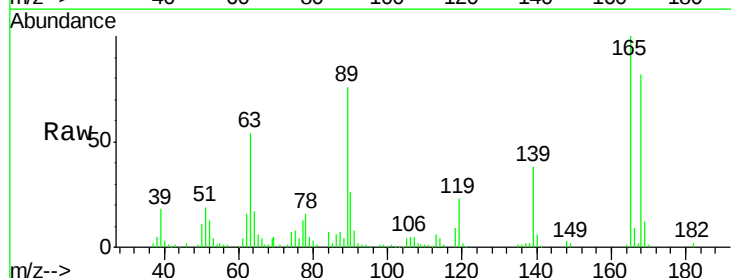
Instrument :
BNA_F
ClientSampled :

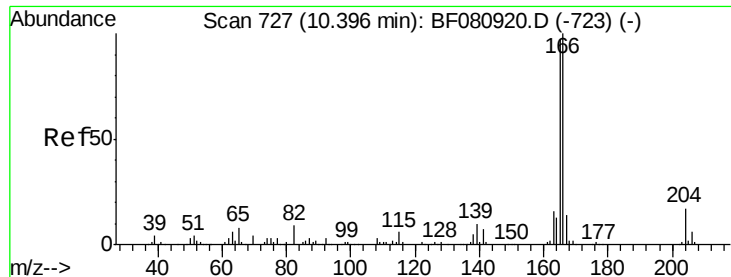
Tot Ion:139 Resp: 61131
Ion Ratio Lower Upper
139 100
109 82.9 44.7 84.7
65 145.0 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 44.07 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:165 Resp: 133475
Ion Ratio Lower Upper
165 100
63 53.5 56.7 85.1#
89 75.8 80.4 120.6#
182 2.1 1.5 2.3





#57

Fluorene

Concen: 40.88 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

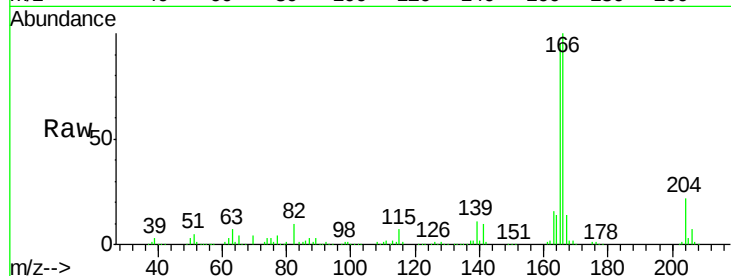
Tot Ion:166 Resp: 401818

Ion Ratio Lower Upper

166 100

165 95.5 77.2 115.8

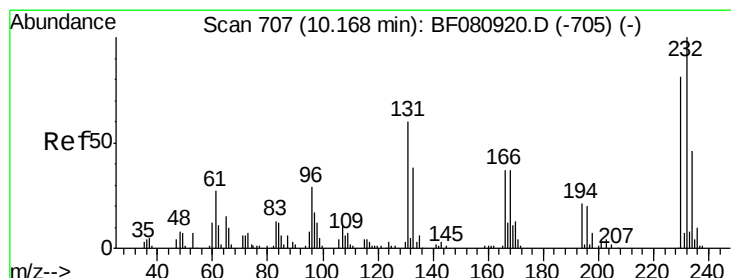
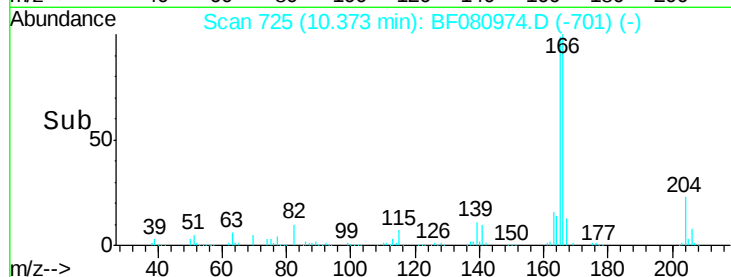
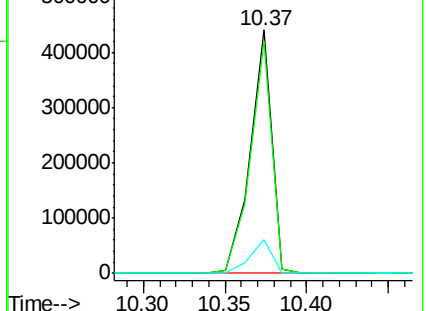
167 13.7 10.8 16.2



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: 27.93 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Tgt Ion:232 Resp: 66377

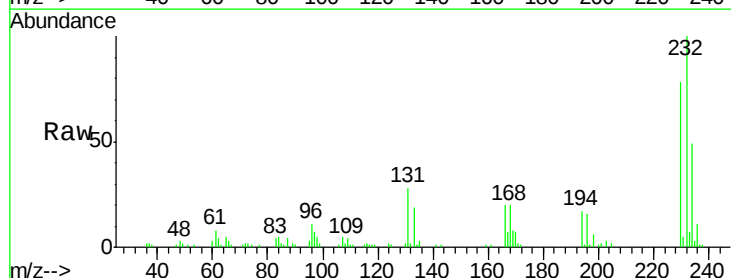
Ion Ratio Lower Upper

232 100

131 49.0 39.4 59.2

130 2.6 2.1 3.1

166 27.2 21.7 32.5

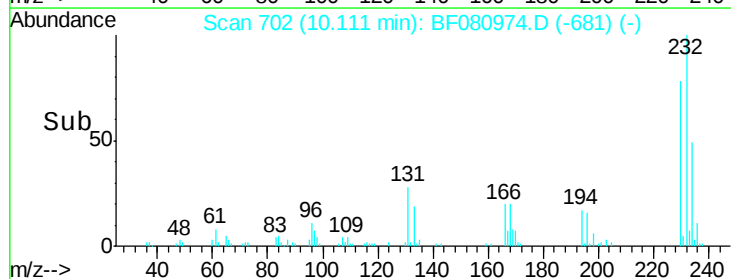
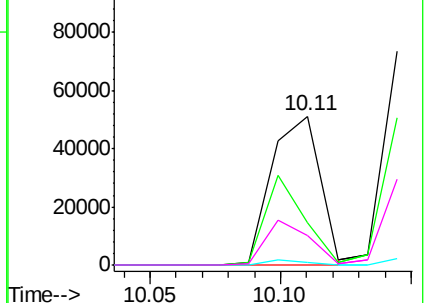


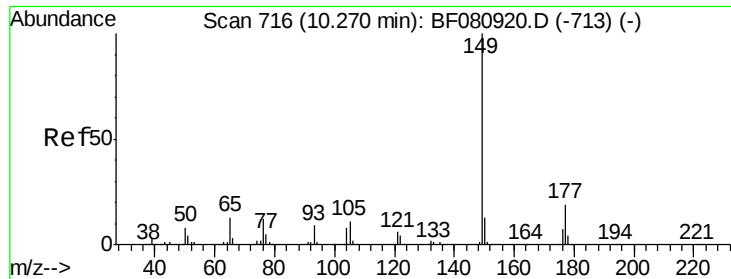
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

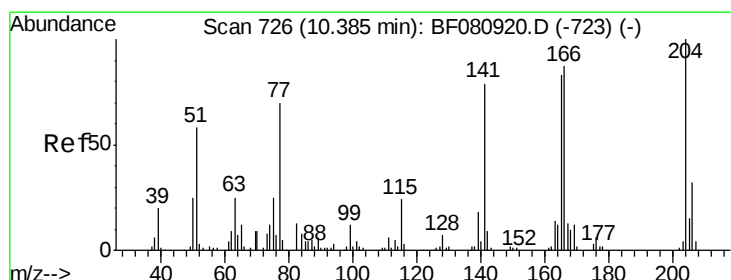
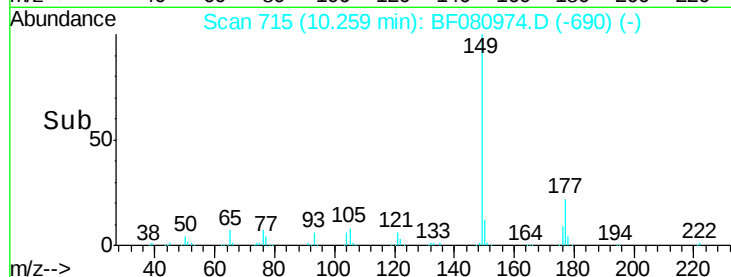
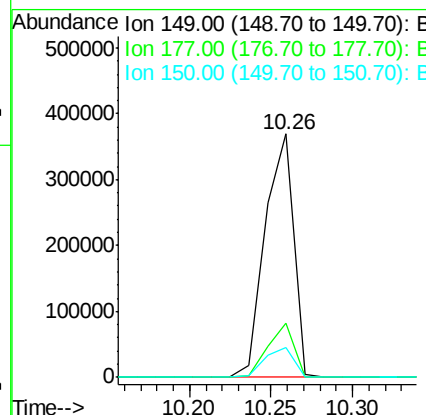
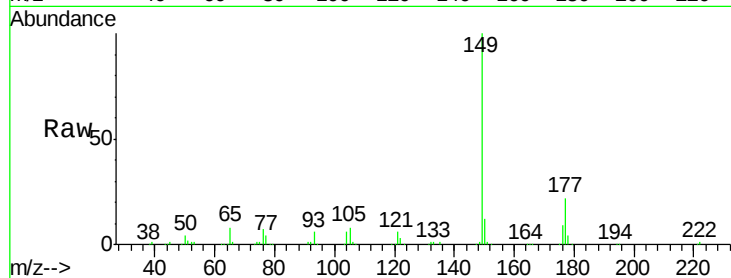




#59
Diethylphthalate
Concen: 39.48 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

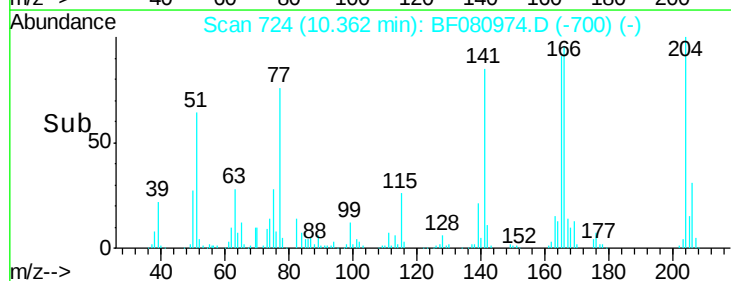
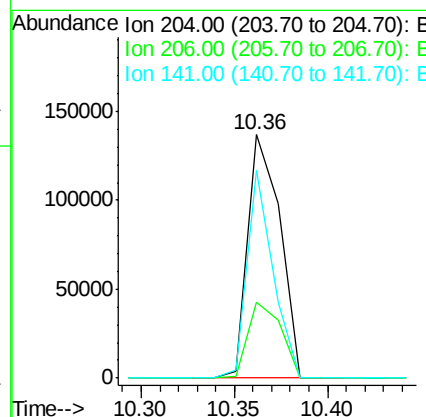
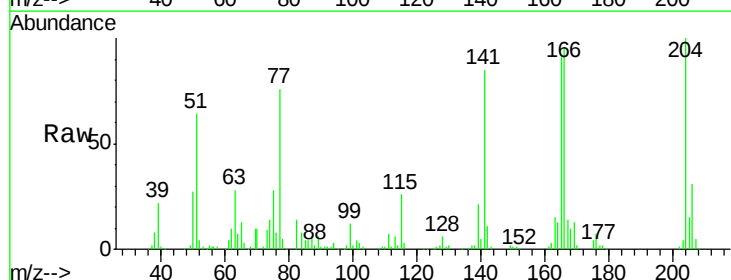
Instrument :
BNA_F
ClientSampled :

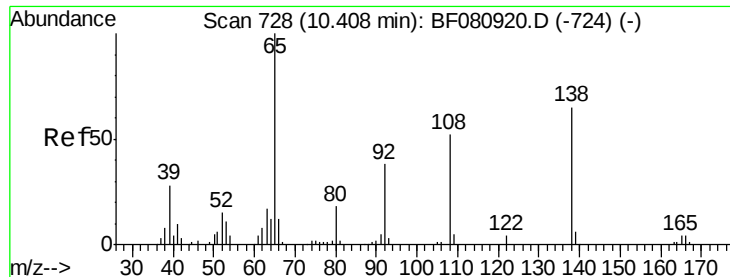
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	15.0	22.4
150	12.2	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 34.33 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.5	38.3
141	85.3	63.4	95.0

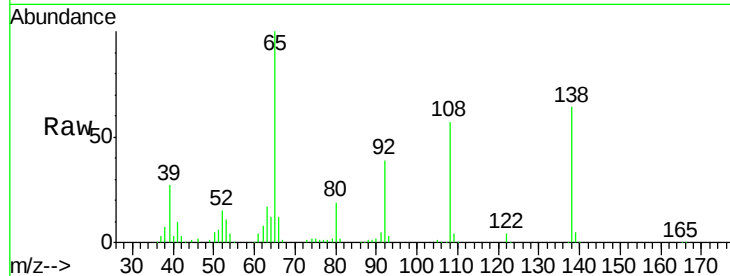




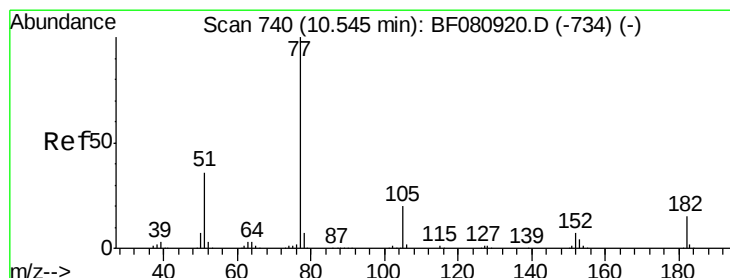
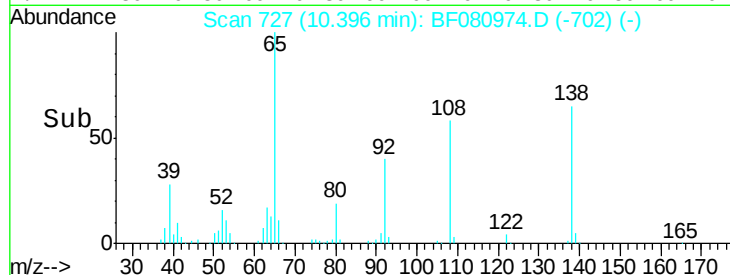
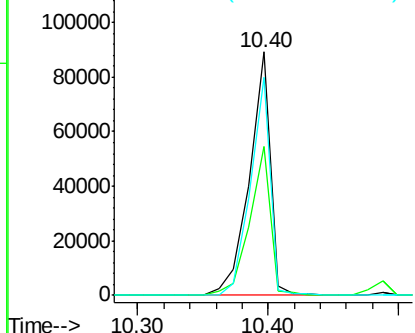
#61
4-Nitroaniline
Concen: 34.95 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 100365
Ion Ratio Lower Upper
138 100
92 61.1 38.1 78.1
108 89.5 59.9 99.9

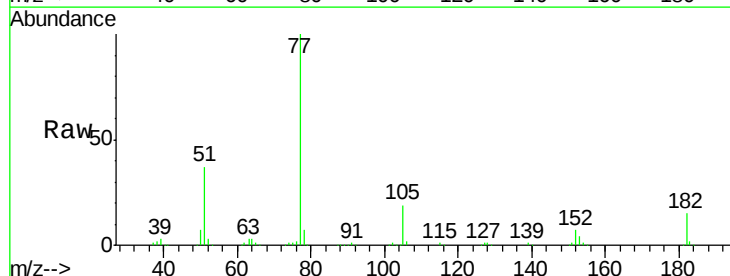


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

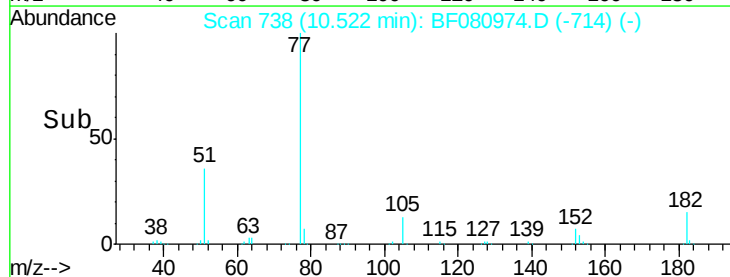
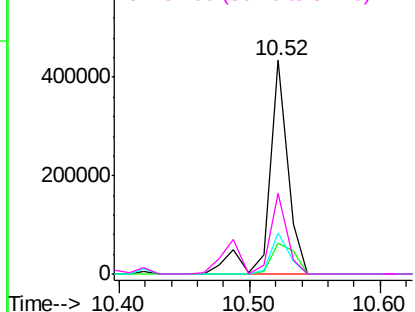


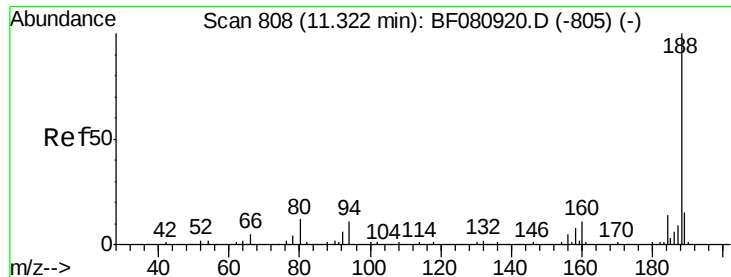
#62
Azobenzene
Concen: 34.93 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion: 77 Resp: 445452
Ion Ratio Lower Upper
77 100
182 14.6 0.0 35.5
105 19.4 0.5 40.5
51 37.5 15.6 55.6



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

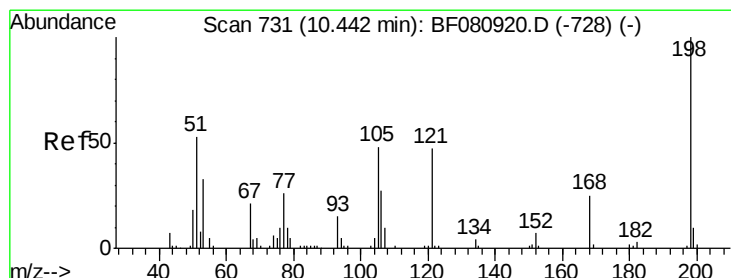
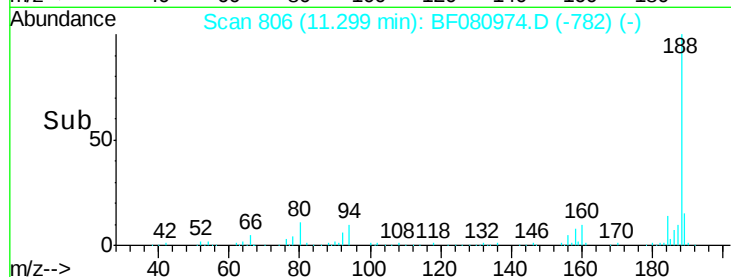
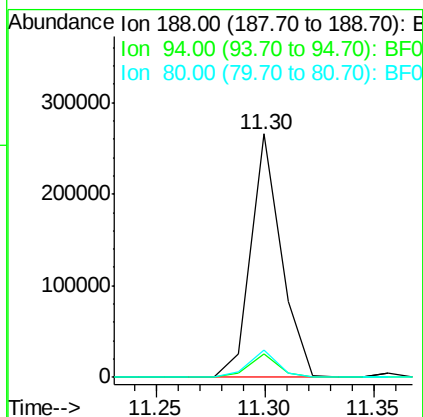
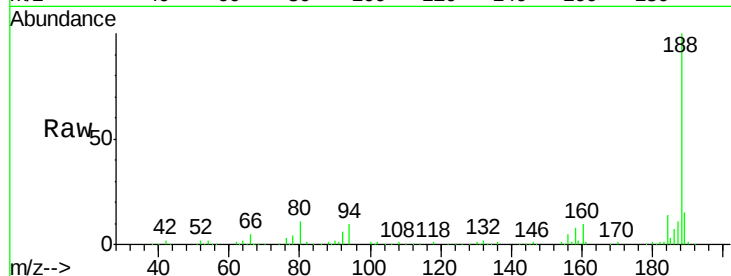




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

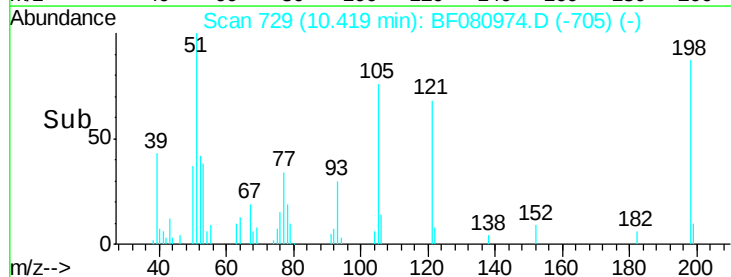
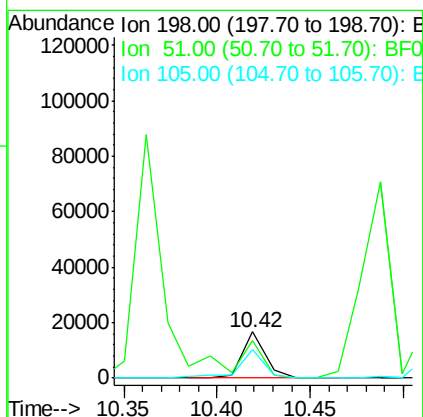
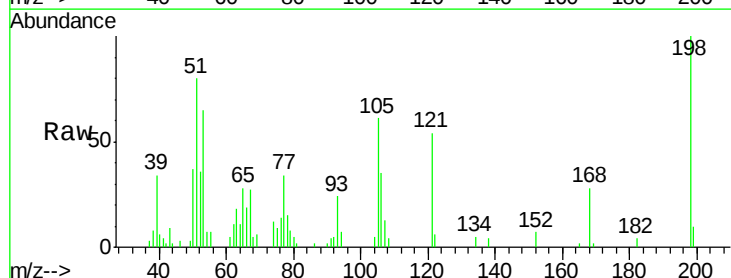
Instrument :
 BNA_F
 ClientSampleId :

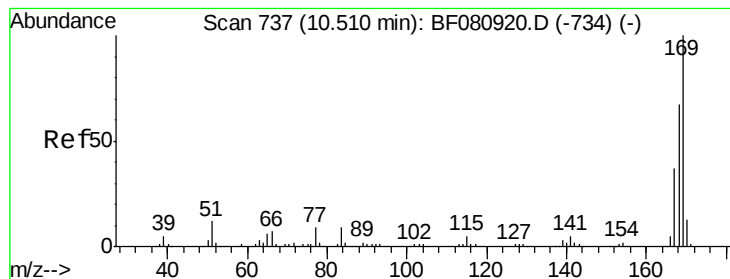
Tot Ion:188 Resp: 258027
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.8 13.2
 80 11.2 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.88 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:198 Resp: 14199
 Ion Ratio Lower Upper
 198 100
 51 80.2 40.3 80.3
 105 60.8 29.6 69.6





#65

n-Nitrosodiphenylamine

Concen: 38.04 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampled :

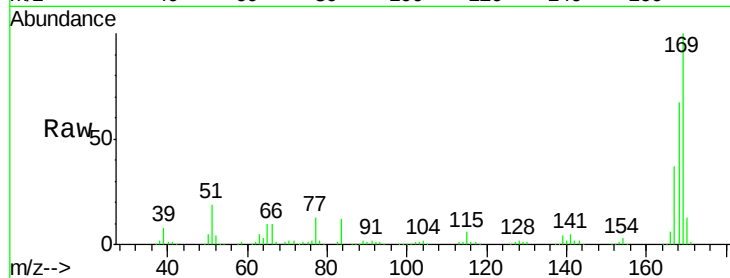
Tot Ion:169 Resp: 341038

Ion Ratio Lower Upper

169 100

168 66.8 53.7 80.5

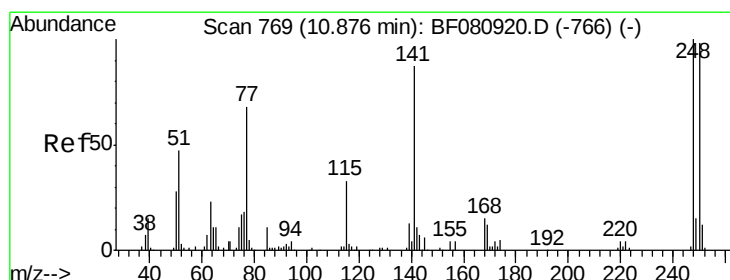
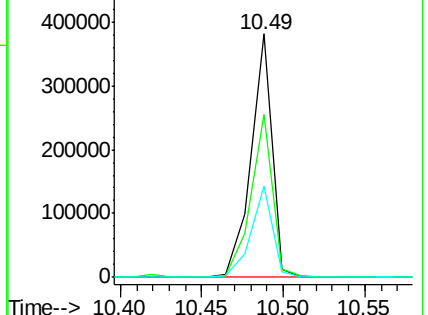
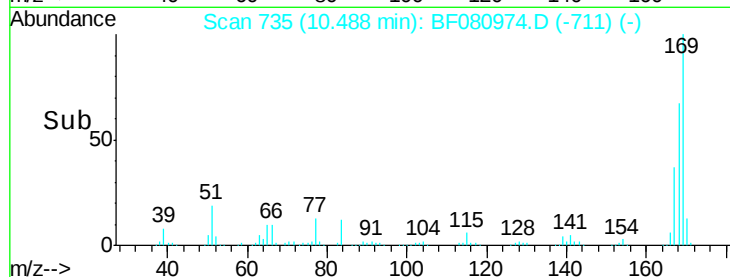
167 37.4 29.3 43.9



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: 39.70 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

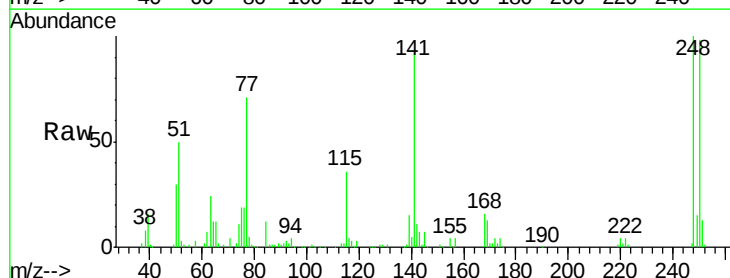
Tgt Ion:248 Resp: 108494

Ion Ratio Lower Upper

248 100

250 97.8 78.1 117.1

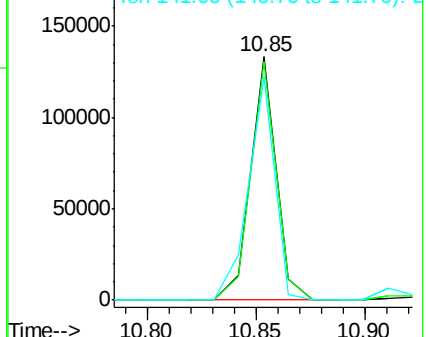
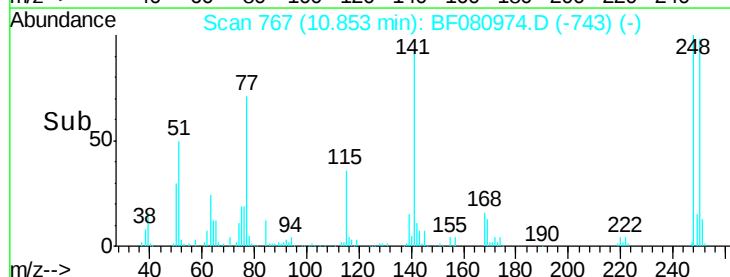
141 91.7 69.6 104.4

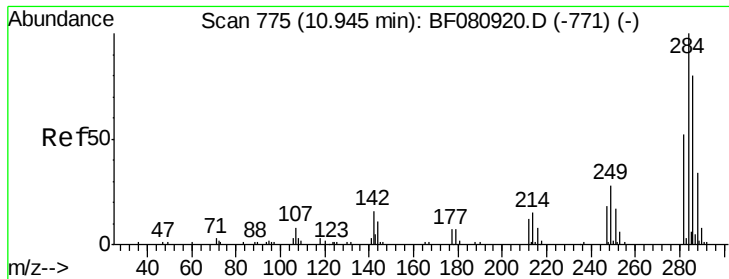


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.45 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

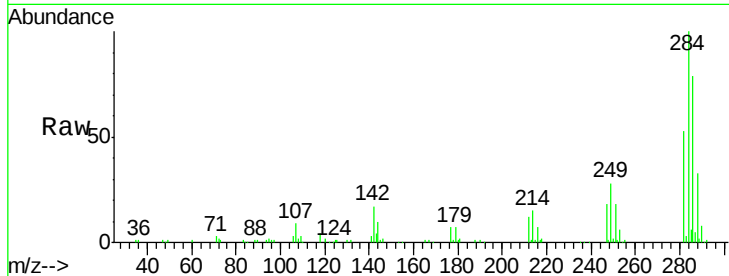
Tot Ion:284 Resp: 125942

Ion Ratio Lower Upper

284 100

142 16.5 12.8 19.2

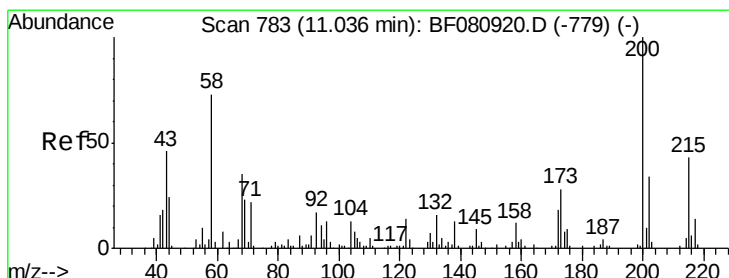
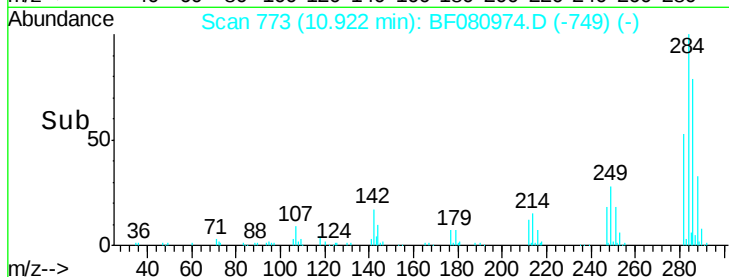
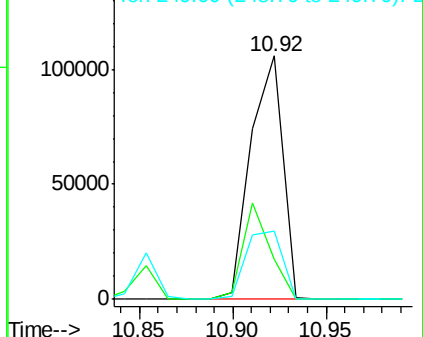
249 28.0 22.5 33.7



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: 35.74 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

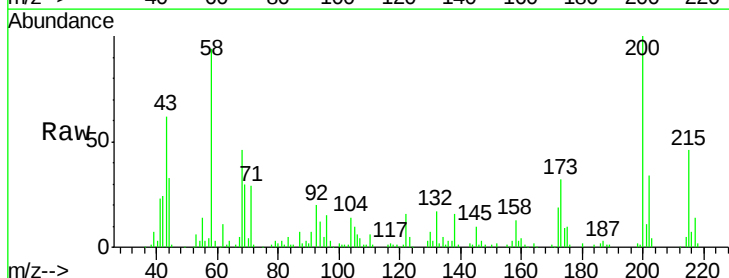
Tgt Ion:200 Resp: 93948

Ion Ratio Lower Upper

200 100

173 31.6 8.4 48.4

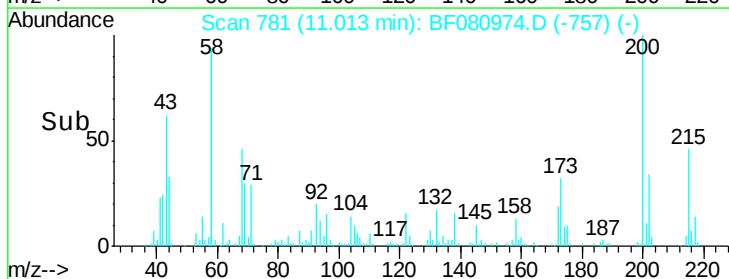
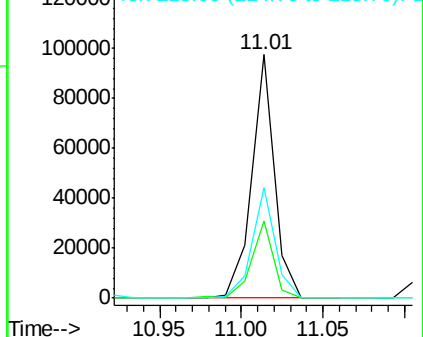
215 45.6 22.7 62.7

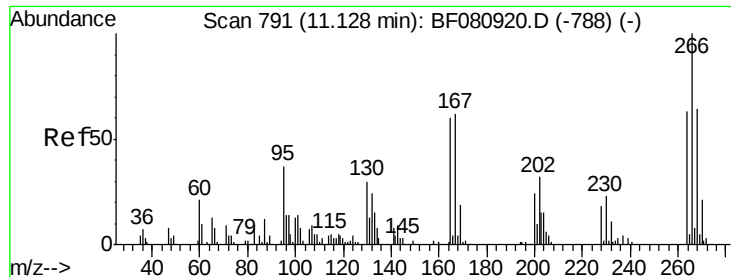


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

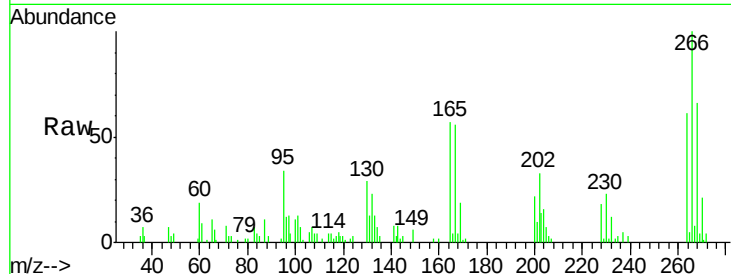




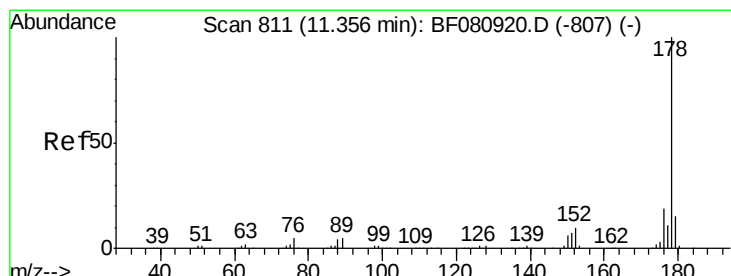
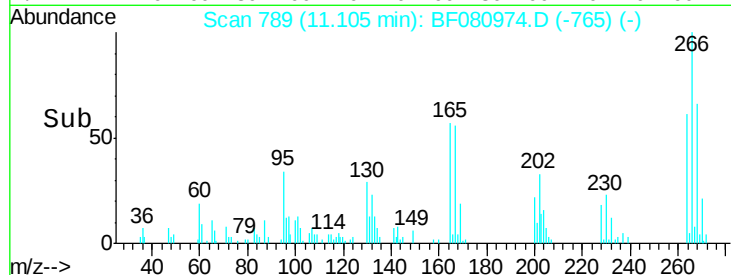
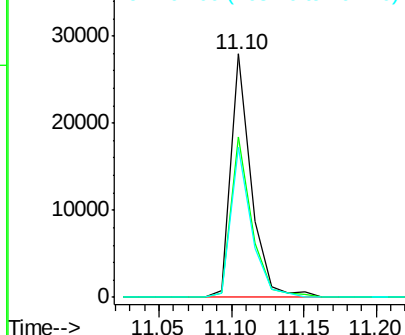
#69
 Pentachlorophenol
 Concen: 15.38 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 27175
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.6 77.4
 264 61.4 50.1 75.1

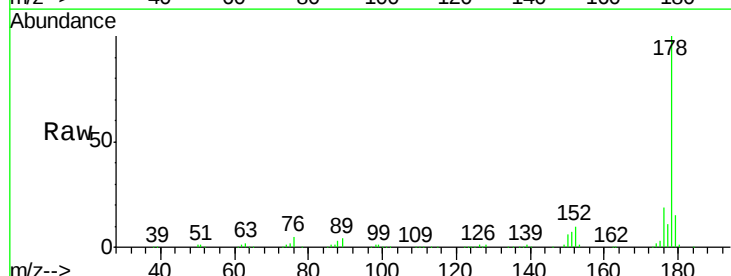


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

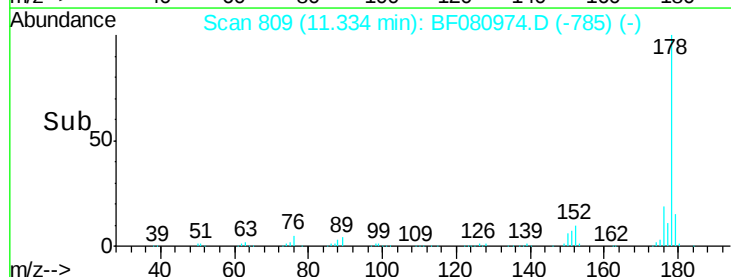
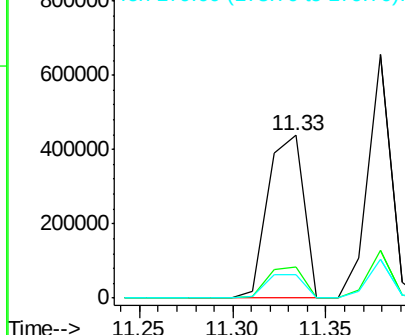


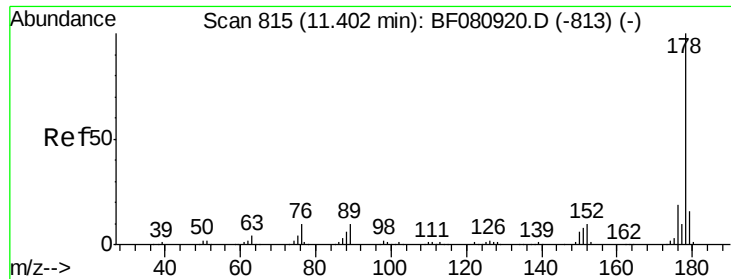
#70
 Phenanthrene
 Concen: 40.09 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:178 Resp: 585759
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 14.8 11.9 17.9



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

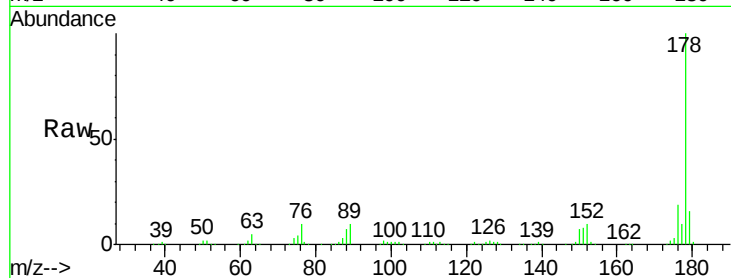




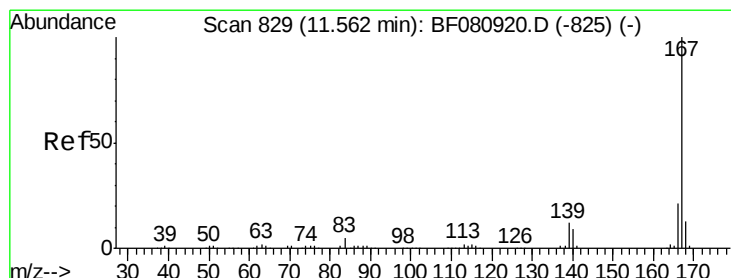
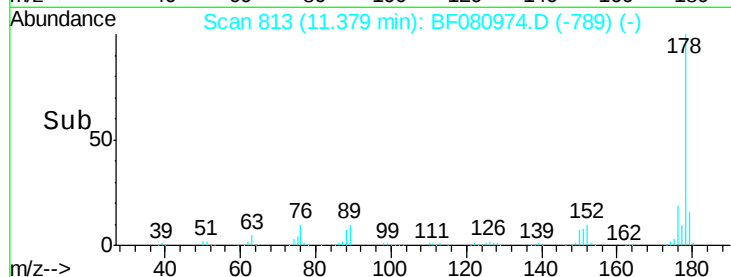
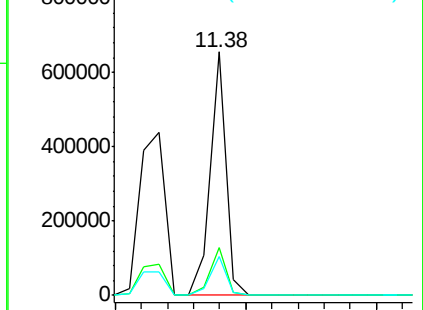
#71
 Anthracene
 Concen: 38.37 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 554997
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.7 12.6 18.8

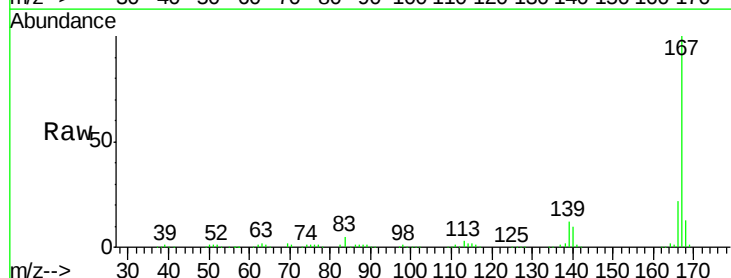


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

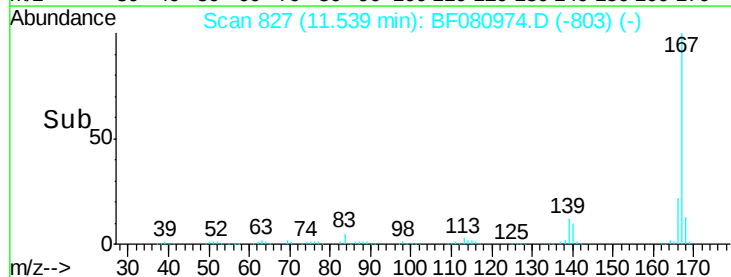
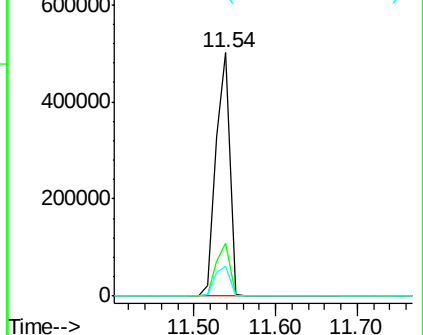


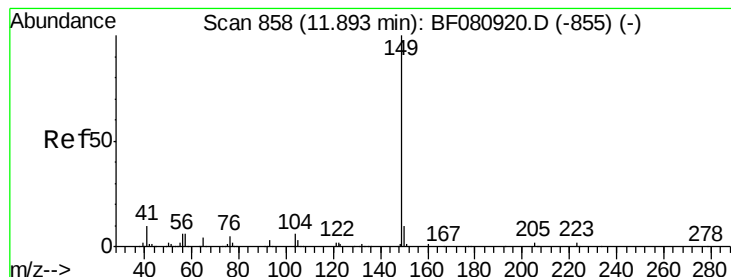
#72
 Carbazole
 Concen: 41.83 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:167 Resp: 589038
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.3 9.2 13.8



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





#73

Di-n-butylphthalate

Concen: 38.57 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

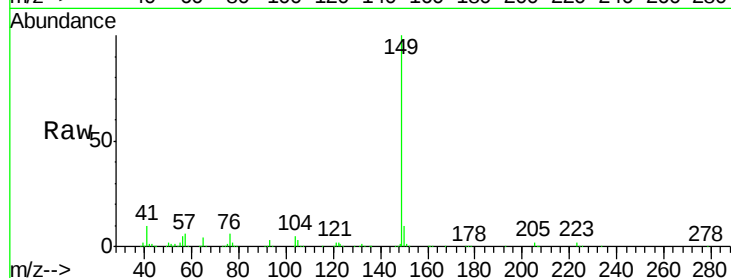
Tot Ion:149 Resp: 679224

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

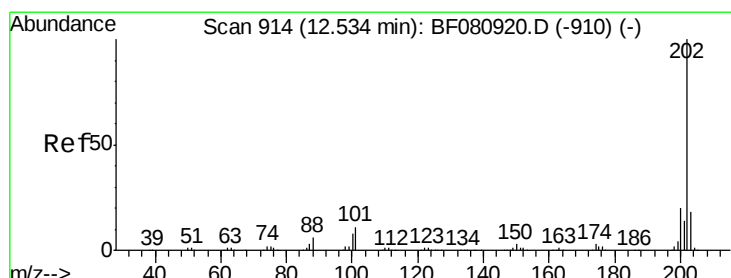
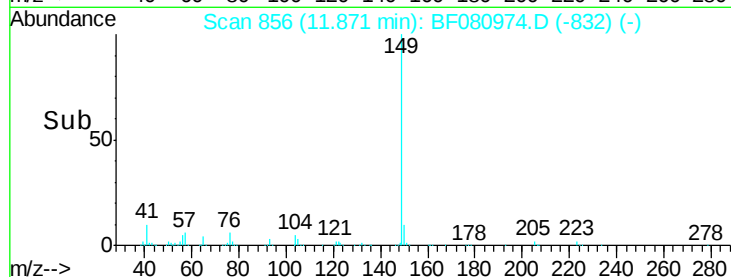
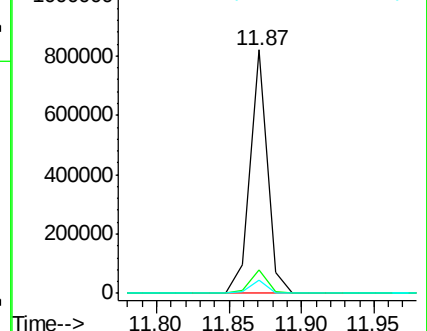
104 5.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.41 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

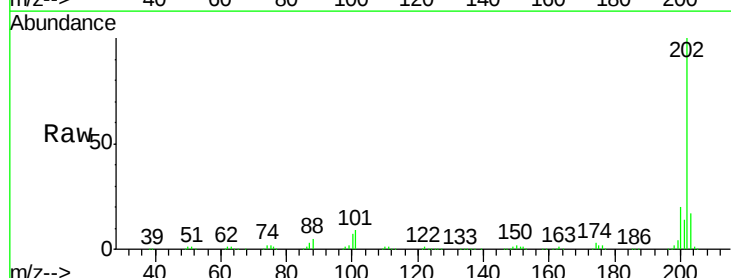
Tgt Ion:202 Resp: 638288

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.5

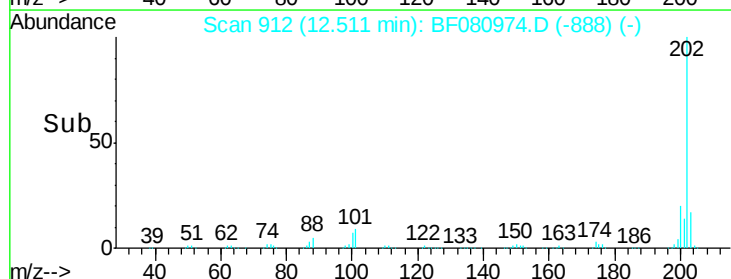
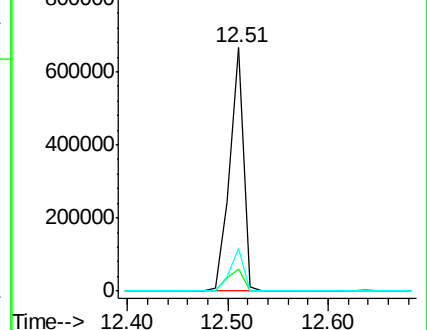
203 17.5 0.0 37.7

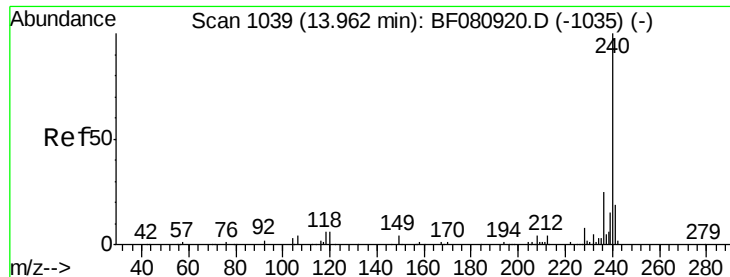


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

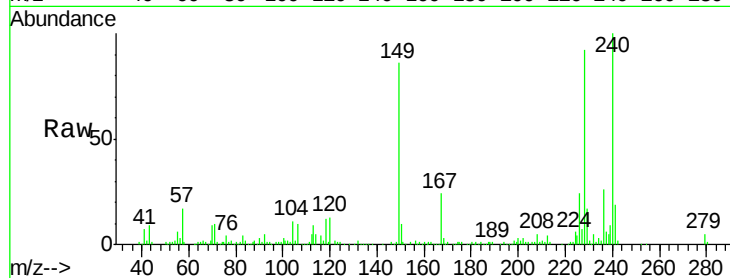
Tot Ion:240 Resp: 172359

Ion Ratio Lower Upper

240 100

120 13.5 5.2 7.8#

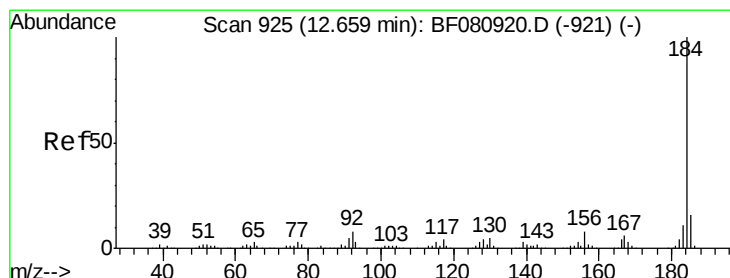
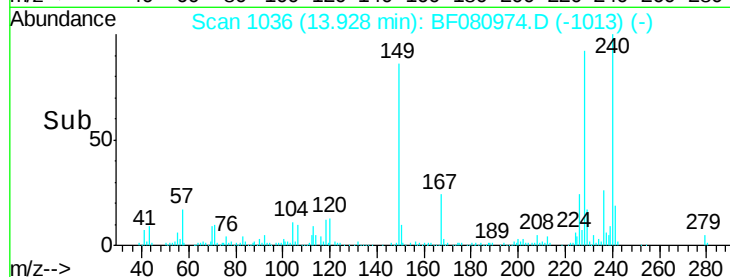
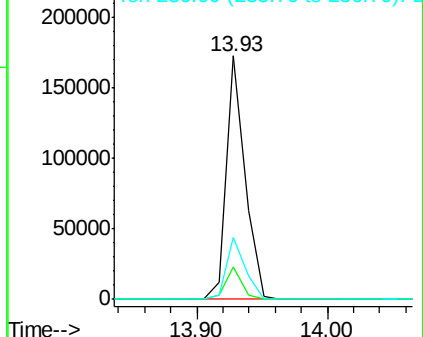
236 25.5 20.2 30.4



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: Below Cal

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

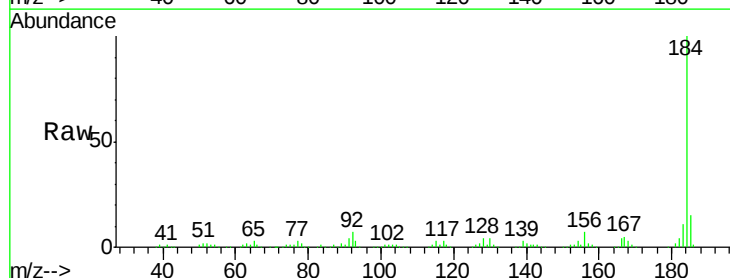
Tgt Ion:184 Resp: 356163

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.4

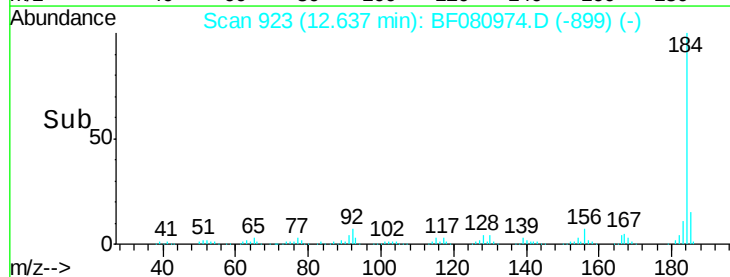
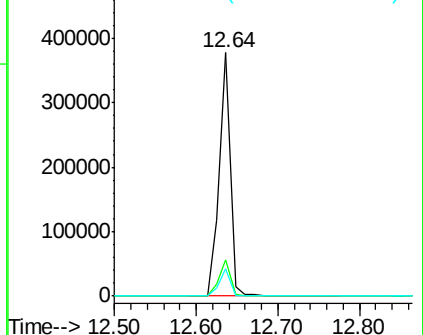
183 11.2 8.7 13.1

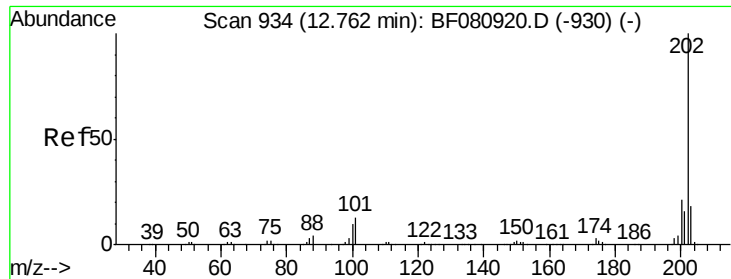


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

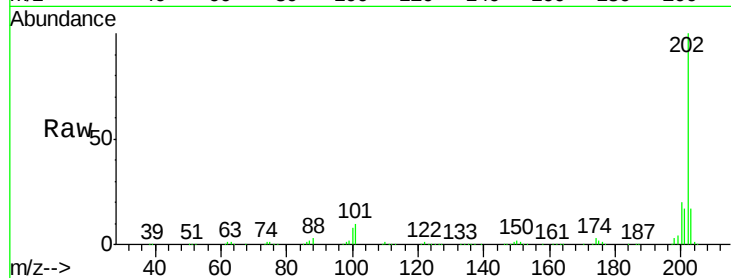




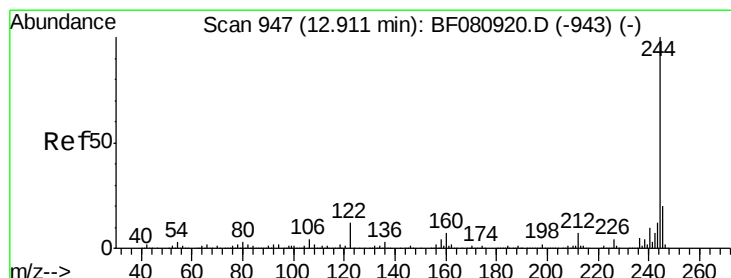
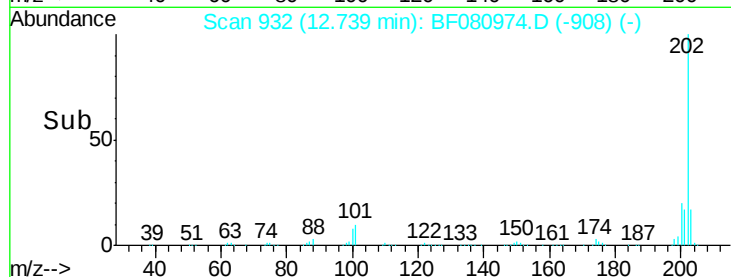
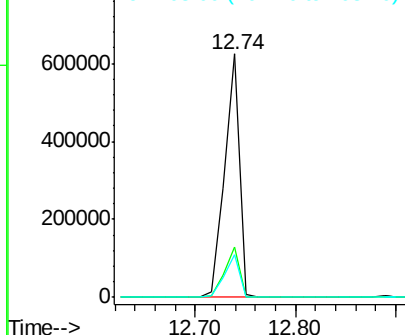
#77
Pvrene
Concen: 50.16 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 638636
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.3 14.2 21.2

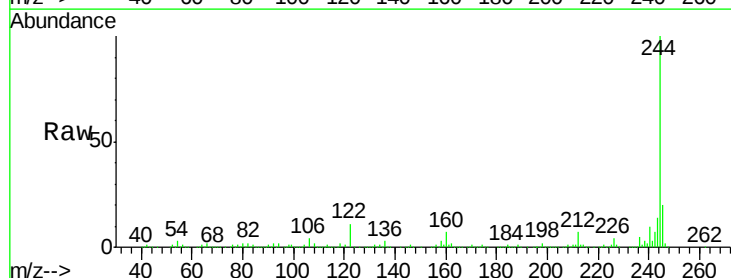


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

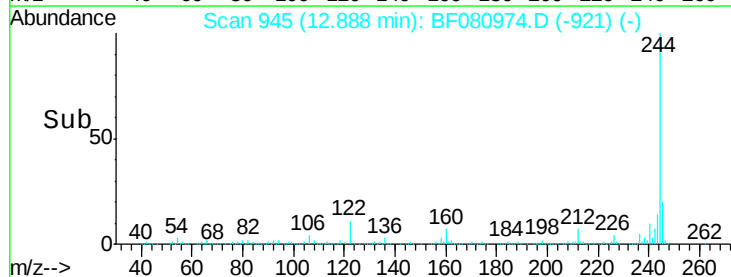
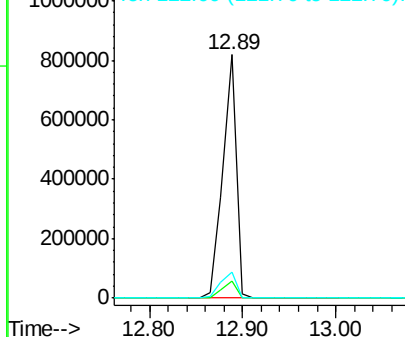


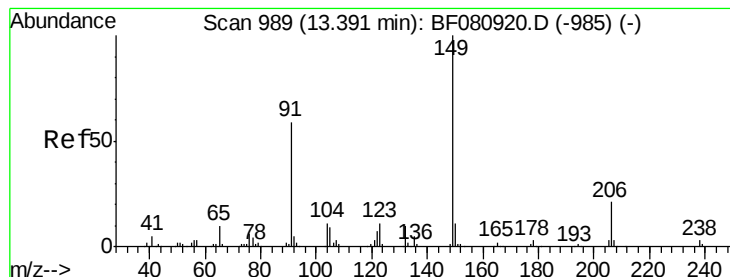
#78
Terphenyl-d14
Concen: 98.06 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:244 Resp: 818258
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 9.4 14.2



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: 41.49 ng

RT: 13.36 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

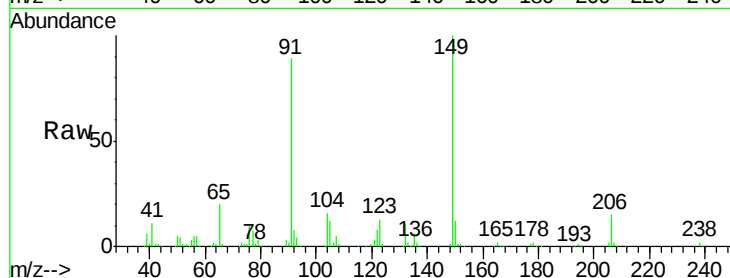
Tot Ion:149 Resp: 254667

Ion Ratio Lower Upper

149 100

91 89.4 47.2 70.8#

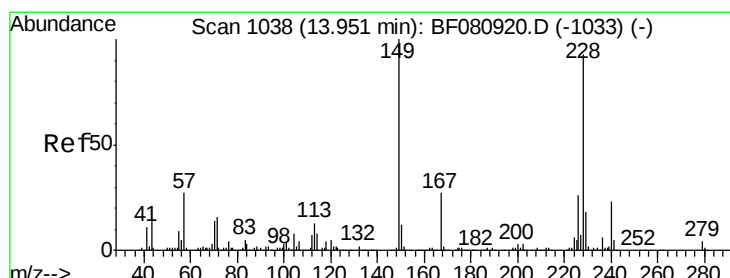
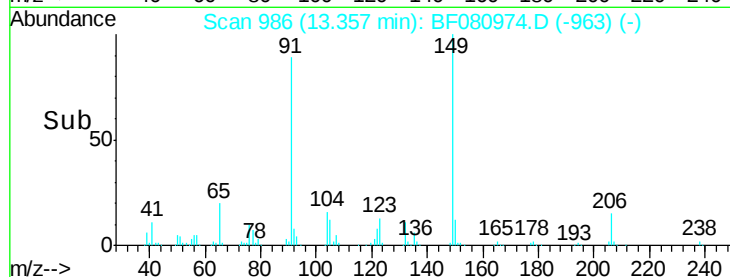
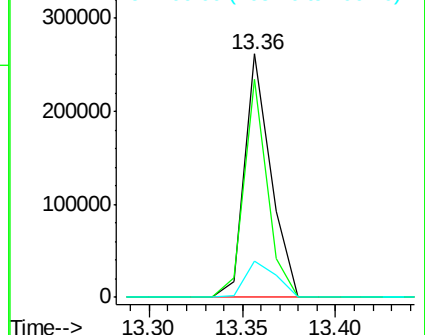
206 15.1 16.5 24.7#



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: 42.42 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

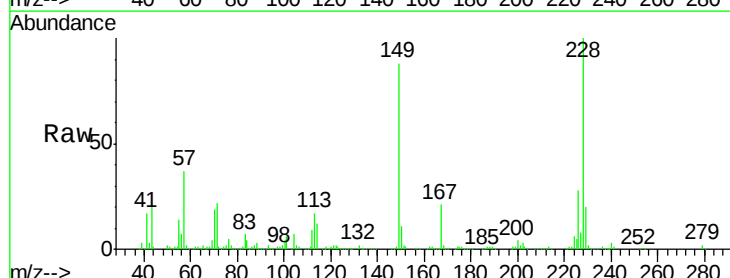
Tgt Ion:228 Resp: 461866

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

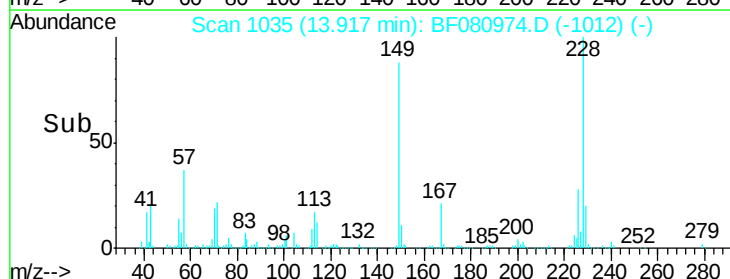
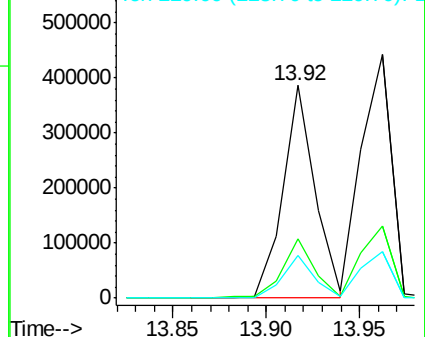
229 20.0 15.8 23.6

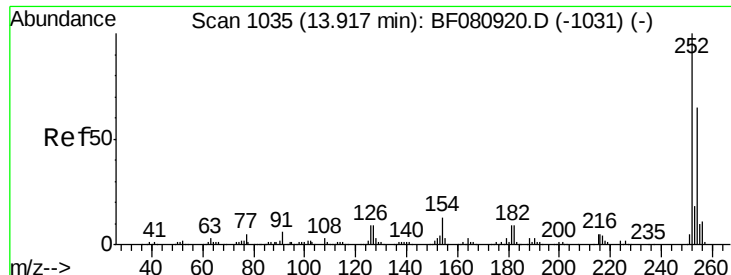


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

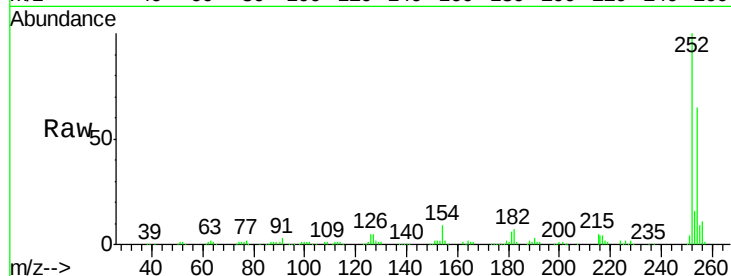




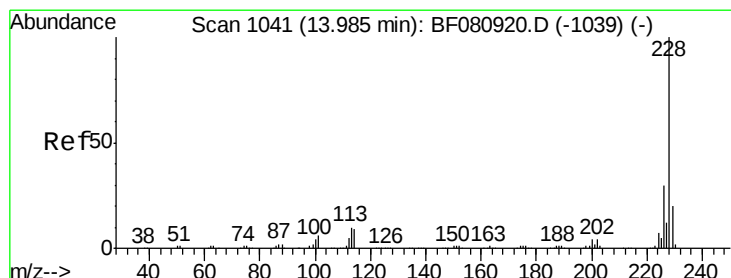
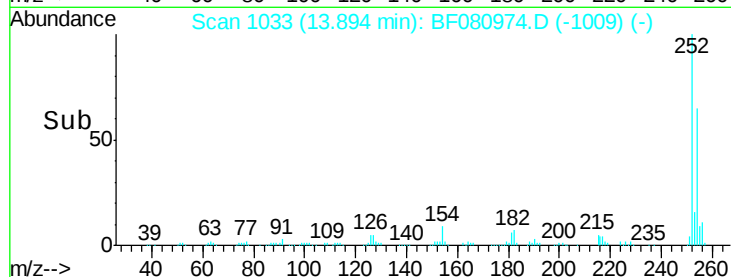
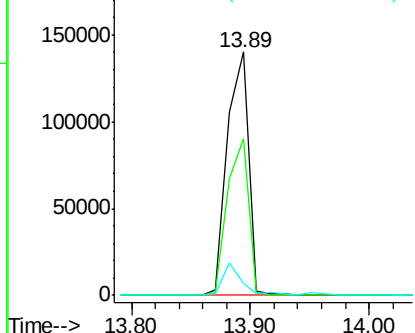
#81
 3,3'-Dichlorobenzidine
 Concen: 44.04 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 174421
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.7 77.5
 126 4.8 7.1 10.7#

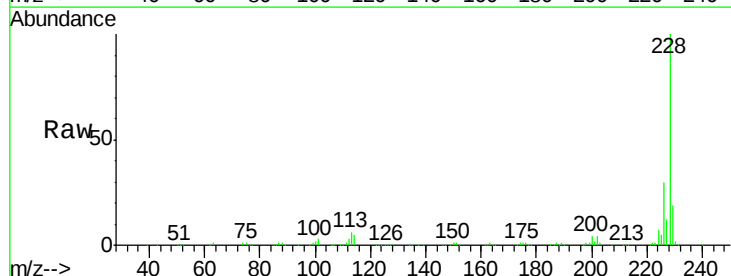


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

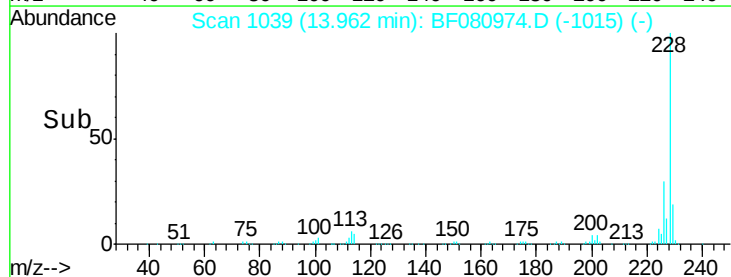
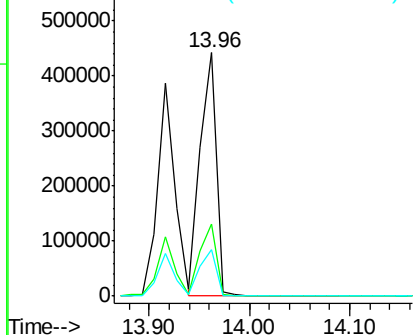


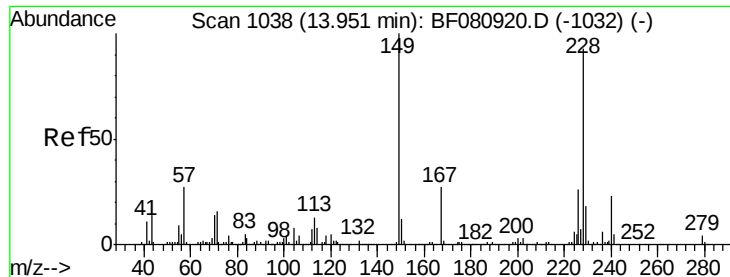
#82
 Chrysene
 Concen: 48.11 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:228 Resp: 501561
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.9 35.9
 229 19.2 15.8 23.6



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

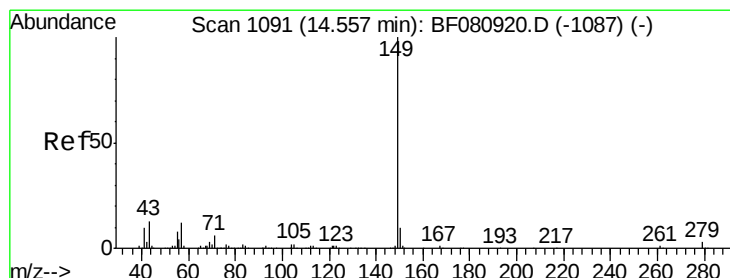
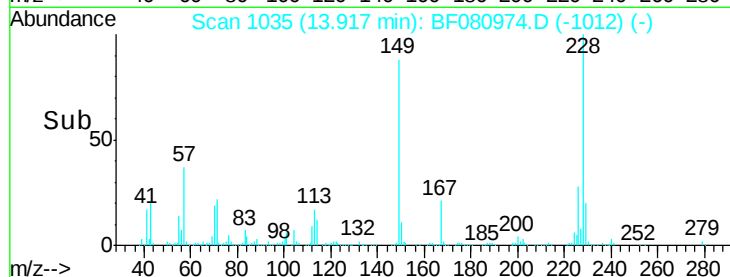
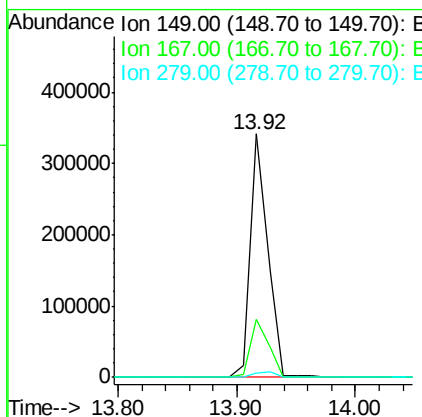
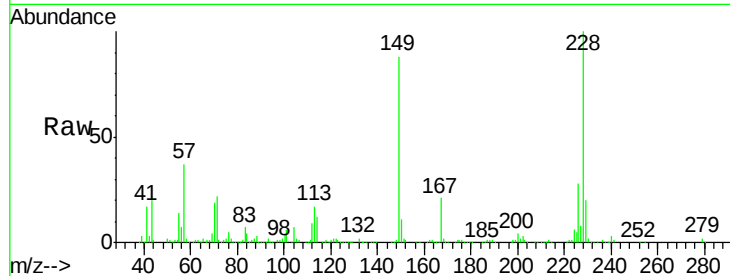




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.25 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

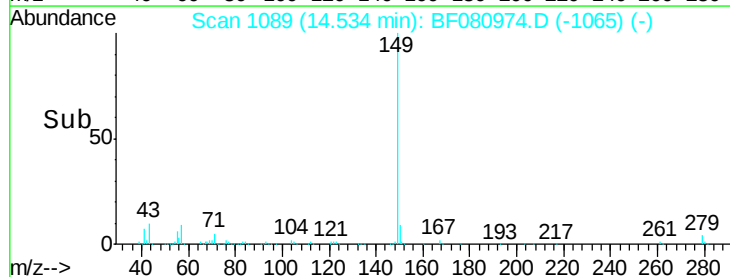
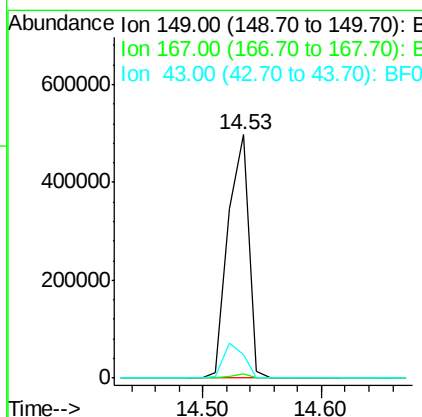
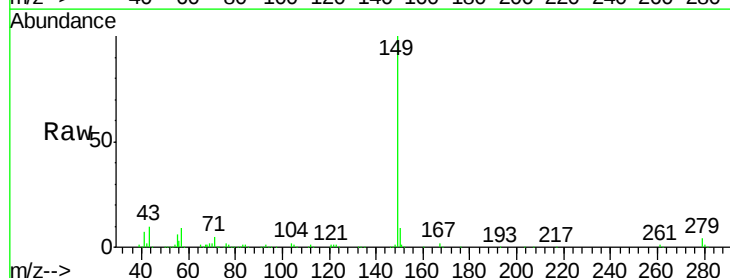
Instrument :
 BNA_F
 ClientSampleId :

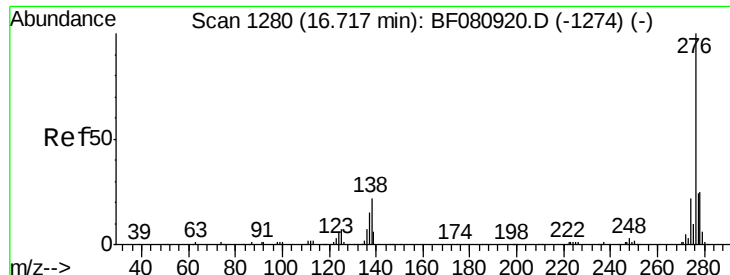
Tot Ion:149 Resp: 352312
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.4 32.0
 279 1.9 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 41.26 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:149 Resp: 597411
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.7 11.0 16.4

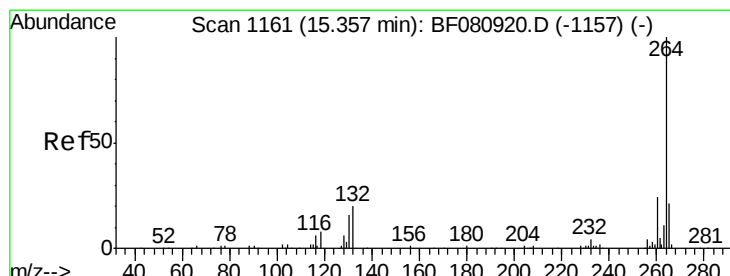
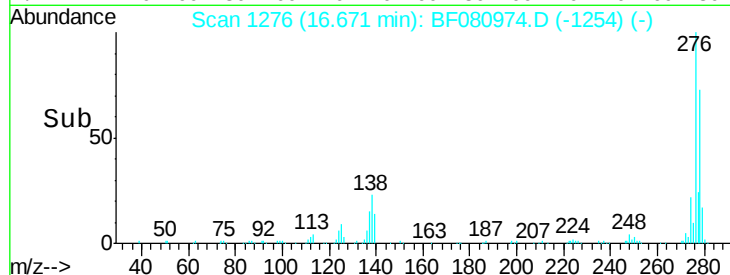
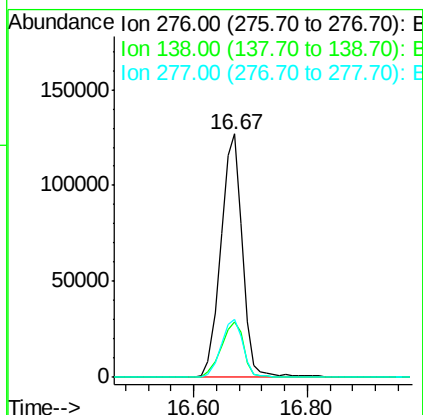
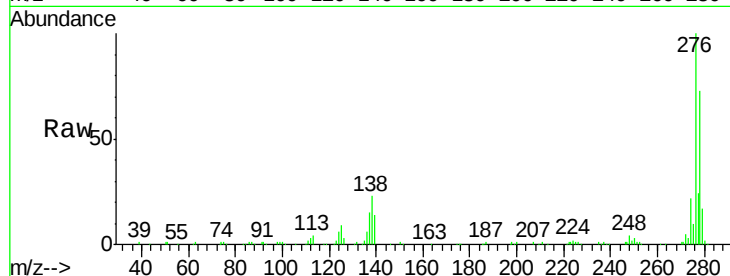




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.78 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

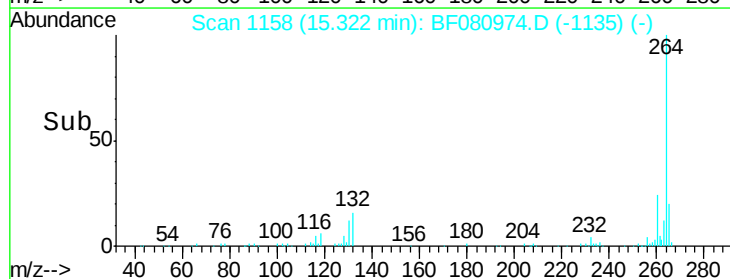
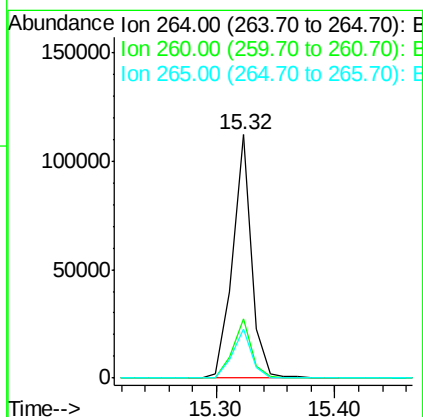
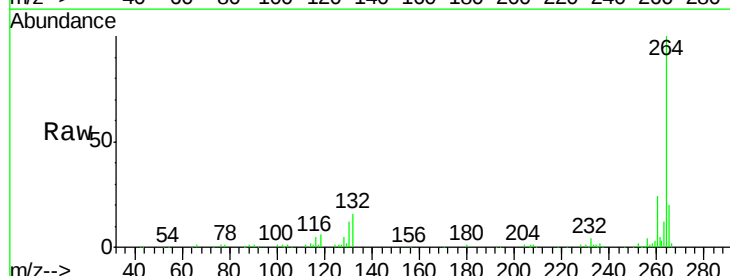
Instrument :
 BNA_F
 ClientSampleId :

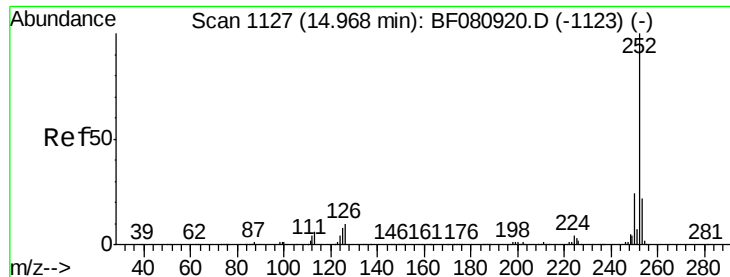
Tot Ion:	276	Resp:	335095
Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.9	29.9
277	24.2	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Tgt Ion:	264	Resp:	123349
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	20.3	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 81.47 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

Instrument :

BNA_F

ClientSampleId :

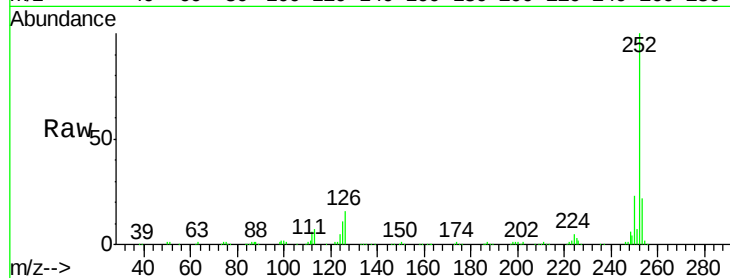
Tot Ion:252 Resp: 698778

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

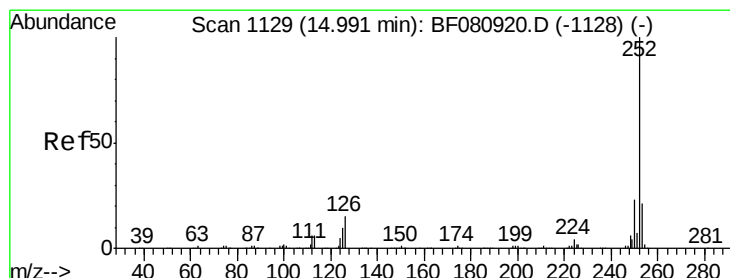
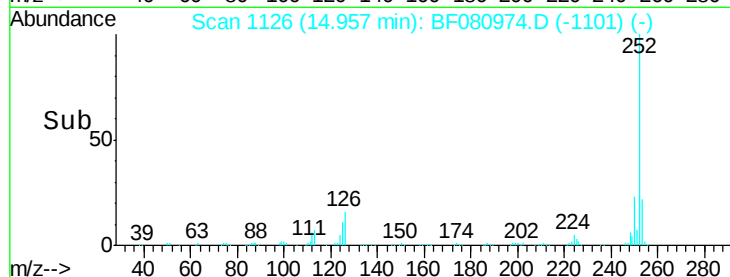
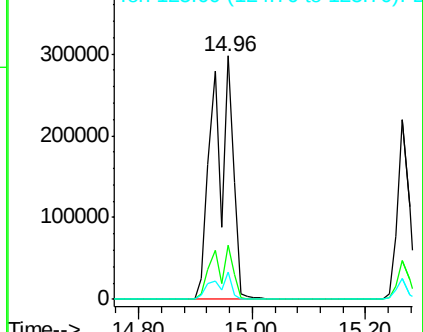
125 11.0 6.1 9.1#



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: 93.13 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080974.D

Acq: 11 Aug 2015 21:42

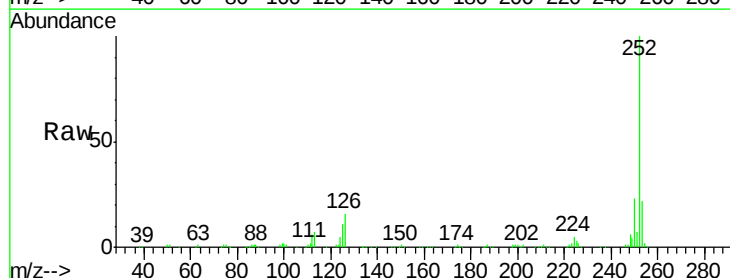
Tgt Ion:252 Resp: 698778

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

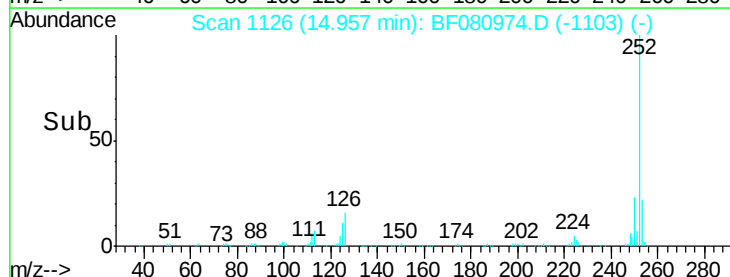
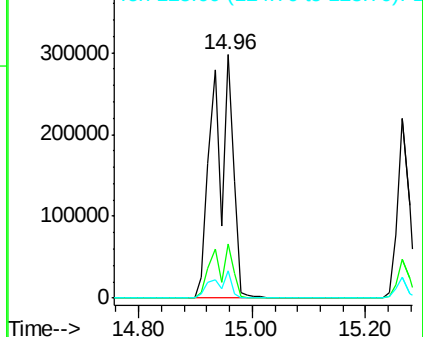
125 11.0 9.0 13.6

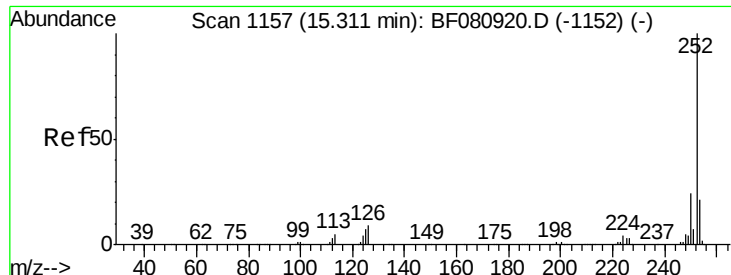


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

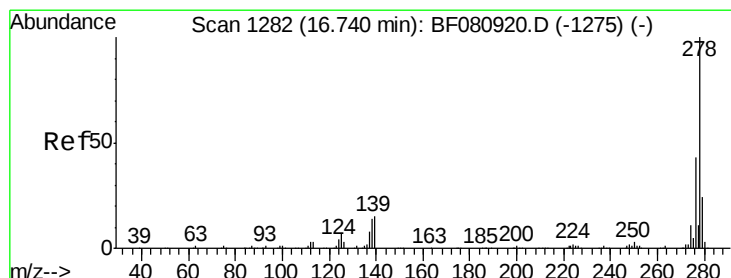
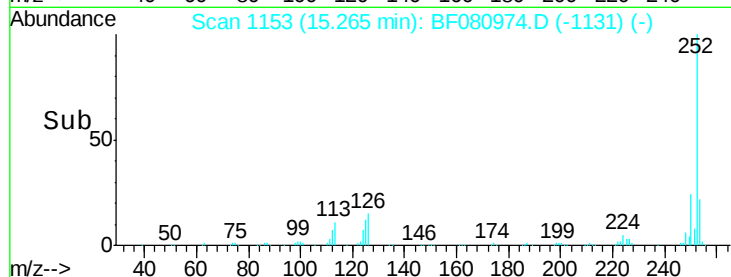
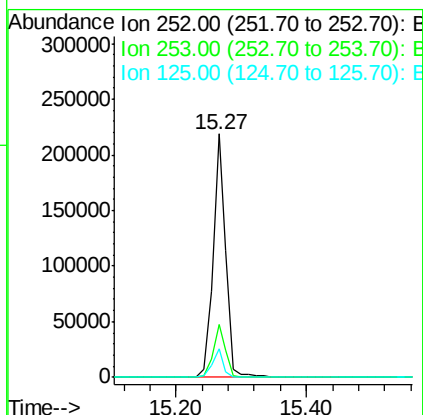
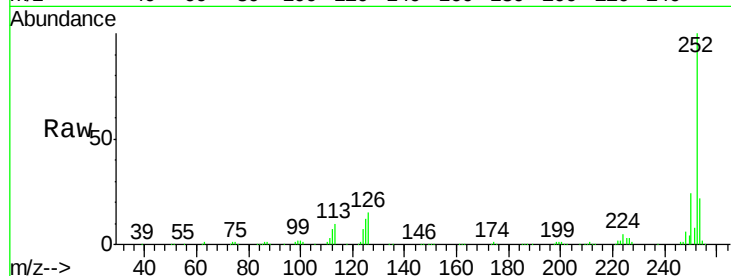




#89
Benzo(a)pyrene
Concen: 40.65 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

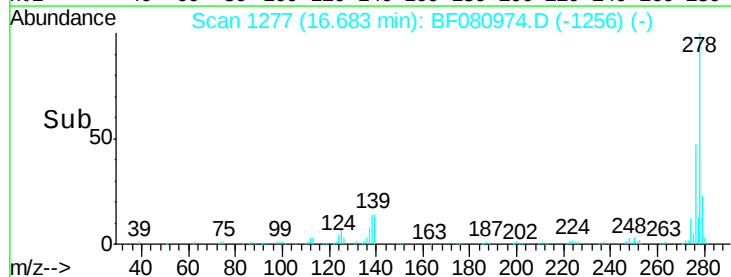
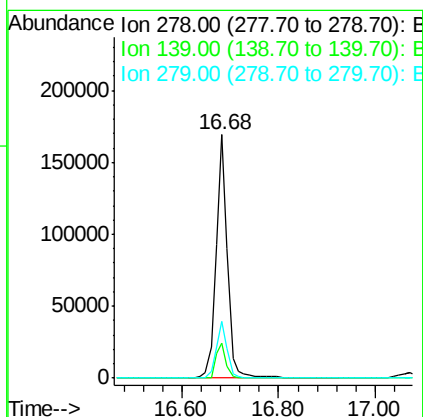
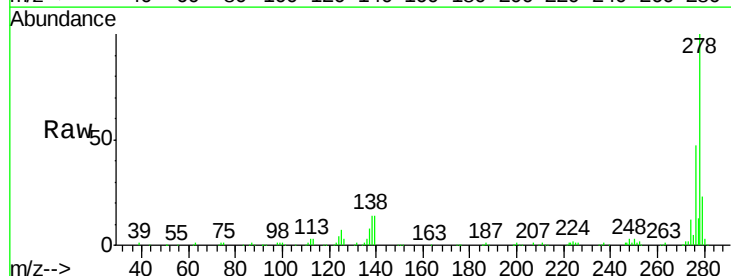
Instrument :
BNA_F
ClientSampled :

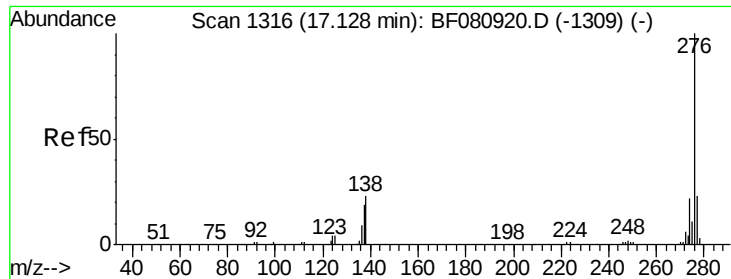
Tot Ion:252 Resp: 299673
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 11.8 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 43.17 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080974.D
Acq: 11 Aug 2015 21:42

Tgt Ion:278 Resp: 281449
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 23.2 19.0 28.6

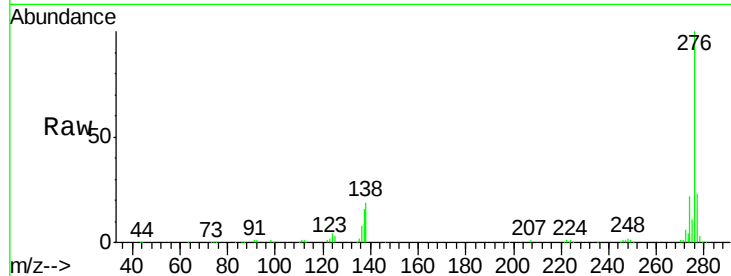




#91
 Benzo(a,h,i)perylene
 Concen: 47.77 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080974.D
 Acq: 11 Aug 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.4	18.4	27.6



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

