

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080954.D
 Acq On : 10 Aug 2015 16:33
 Operator : TP/UM
 Sample : PB84907BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Quant Time: Aug 11 01:10:50 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	28018	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	108324	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	59031	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	136147	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	98995	20.00	ng	-0.03
86) Perylene-d12	15.32	264	85213	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	44711	26.07	ng	-0.01
7) Phenol-d6	6.41	99	75884	32.29	ng	-0.03
23) Nitrobenzene-d5	7.34	82	45047	19.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	18139	27.97	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	75099	17.91	ng	-0.02
78) Terphenyl-d14	12.88	244	81500	17.00	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	12948	15.92	ng	96
3) Pyridine	3.08	79	30401	13.18	ng	98
4) n-Nitrosodimethylamine	2.98	42	19552	16.61	ng	97
6) Aniline	6.44	93	63557	18.41	ng	96
8) 2-Chlorophenol	6.57	128	34276	17.27	ng	93
9) Benzaldehyde	6.33	77	30863	19.48	ng	97
10) Phenol	6.42	94	49946	17.91	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	37608	18.07	ng	89
12) 1,3-Dichlorobenzene	6.73	146	34221	16.25	ng	99
13) 1,4-Dichlorobenzene	6.81	146	34582	15.80	ng	98
14) 1,2-Dichlorobenzene	6.96	146	35739	18.07	ng	95
15) Benzyl Alcohol	6.92	79	31861	16.57	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	73354	17.52	ng	100
17) 2-Methylphenol	7.04	107	25500	15.06	ng	# 88
18) Hexachloroethane	7.30	117	14337	17.10	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	30592	17.81	ng	96
20) 3+4-Methylphenols	7.20	107	37268	17.52	ng	# 89
22) Acetophenone	7.20	105	54416	20.50	ng	# 88
24) Nitrobenzene	7.37	77	38837	16.47	ng	# 85
25) Isophorone	7.61	82	89733	20.37	ng	96
26) 2-Nitrophenol	7.69	139	20506	20.67	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	32694	17.60	ng	91
28) bis(2-Chloroethoxy)methane	7.82	93	55863	21.13	ng	98
29) 2,4-Dichlorophenol	7.93	162	30042	19.68	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	29721	17.81	ng	# 92
31) Naphthalene	8.09	128	98401	16.48	ng	99
32) Benzoic acid	7.79	122	11124	10.00	ng	# 86
33) 4-Chloroaniline	8.14	127	42425	17.48	ng	# 93
34) Hexachlorobutadiene	8.21	225	17621	17.75	ng	98
35) Caprolactam	8.48	113	8940	16.28	ng	# 65
36) 4-Chloro-3-methylphenol	8.62	107	32396	17.39	ng	89
37) 2-Methylnaphthalene	8.78	142	70017	18.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	27295	15.00	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	35409	35.66	ng	98

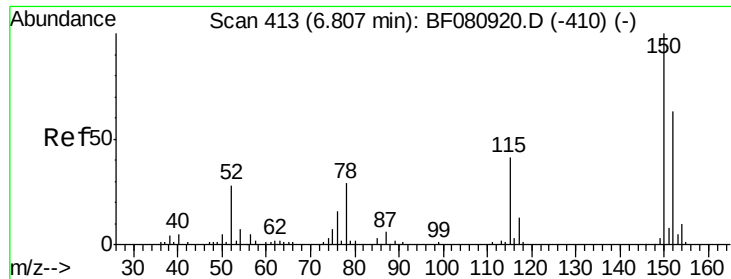
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	20369	15.27	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	20354	15.14	nq	# 77
45) 1,1'-Biphenyl	9.24	154	83735	16.53	nq	97
46) 2-Chloronaphthalene	9.26	162	61986	15.69	nq	# 90
47) 2-Nitroaniline	9.37	65	23890	15.08	nq	# 68
48) Acenaphthylene	9.68	152	102011	14.86	nq	99
49) Dimethylphthalate	9.55	163	77206	15.74	nq	98
50) 2,6-Dinitrotoluene	9.61	165	17565	17.34	nq	# 63
51) Acenaphthene	9.86	154	68603	16.31	nq	99
52) 3-Nitroaniline	9.77	138	18261	14.62	nq	93
53) 2,4-Dinitrophenol	9.88	184	14389	27.72	nq	# 78
54) Dibenzofuran	10.03	168	90411	15.90	nq	91
55) 4-Nitrophenol	9.93	139	27471	29.39	nq	# 51
56) 2,4-Dinitrotoluene	10.01	165	22159	16.35	nq	# 61
57) Fluorene	10.36	166	70741	16.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	16939	15.92	nq	# 89
59) Diethylphthalate	10.25	149	87426	17.13	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	35412	16.52	nq	93
61) 4-Nitroaniline	10.37	138	17368	13.52	nq	92
62) Azobenzene	10.52	77	92921	16.28	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	11169	13.24	nq	84
65) n-Nitrosodiphenylamine	10.48	169	64961	13.73	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	20155	13.98	nq	# 84
67) Hexachlorobenzene	10.91	284	23854	14.88	nq	# 78
68) Atrazine	11.00	200	18334	13.22	nq	97
69) Pentachlorophenol	11.10	266	25374	27.22	nq	99
70) Phenanthrene	11.32	178	122297	15.86	nq	99
71) Anthracene	11.37	178	117833	15.44	nq	98
72) Carbazole	11.53	167	122303	16.46	nq	98
73) Di-n-butylphthalate	11.87	149	146458	15.76	nq	98
74) Fluoranthene	12.50	202	106382	12.76	nq	96
76) Benzidine	12.64	184	132657	27.32	nq	96
77) Pyrene	12.73	202	110908	15.17	nq	98
79) Butylbenzylphthalate	13.36	149	48407	13.73	nq	# 75
80) Benzo(a)anthracene	13.92	228	105640	16.89	nq	98
81) 3,3'-Dichlorobenzidine	13.88	252	40973	18.01	nq	98
82) Chrysene	13.95	228	104204	17.40	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	76607	15.62	nq	# 95
84) Di-n-octyl phthalate	14.52	149	127803	15.37	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	98442	17.28	nq	100
87) Benzo(b)fluoranthene	14.92	252	177582	29.97	nq	# 96
88) Benzo(k)fluoranthene	14.92	252	177582	34.26	nq	99
89) Benzo(a)pyrene	15.25	252	87914	17.26	nq	# 94
90) Dibenzo(a,h)anthracene	16.67	278	81569	18.11	nq	98
91) Benzo(g,h,i)perylene	17.05	276	78009	17.81	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

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PB84907BSD

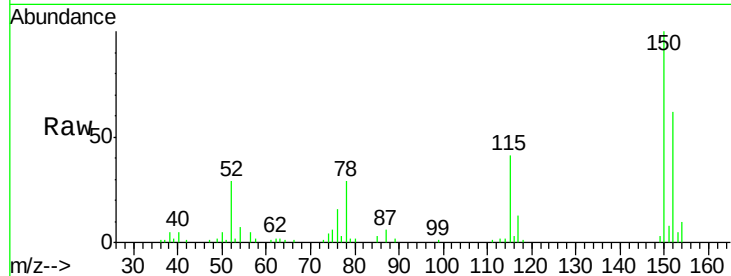
Tot Ion:152 Resp: 28018

Ion Ratio Lower Upper

152 100

150 160.5 127.4 191.2

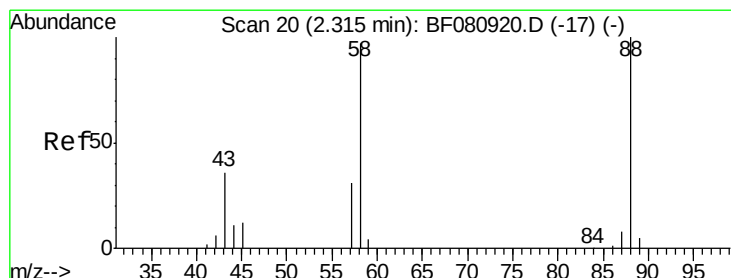
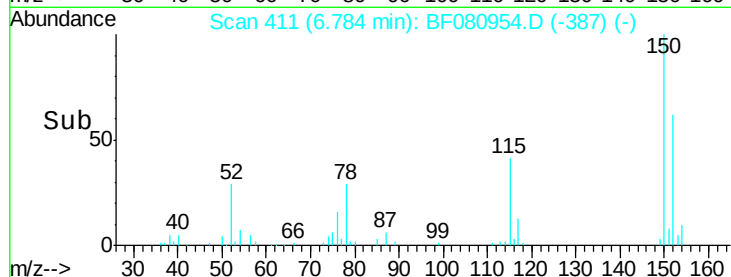
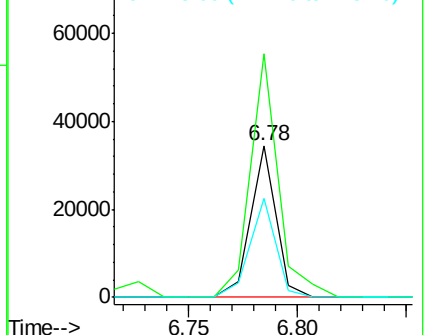
115 65.1 52.6 78.8



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: 15.92 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

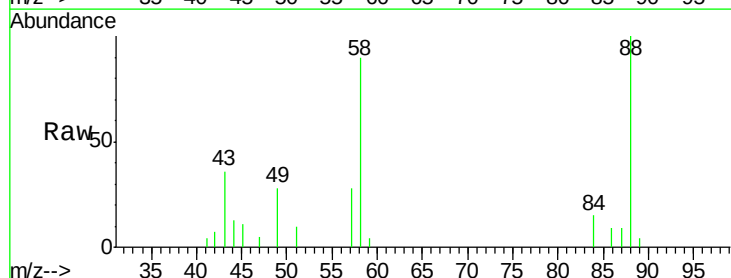
Tgt Ion: 88 Resp: 12948

Ion Ratio Lower Upper

88 100

58 95.5 79.3 118.9

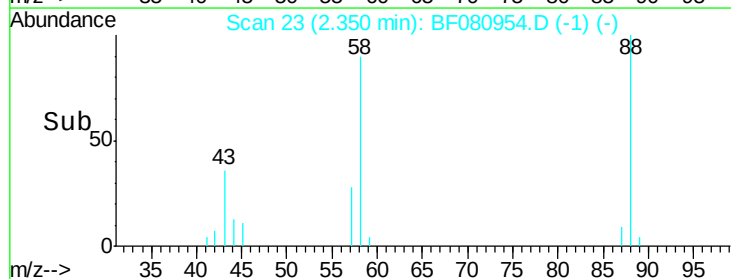
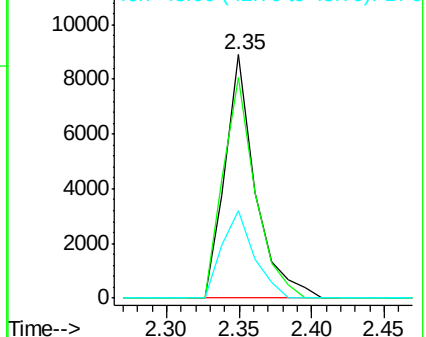
43 37.6 28.3 42.5

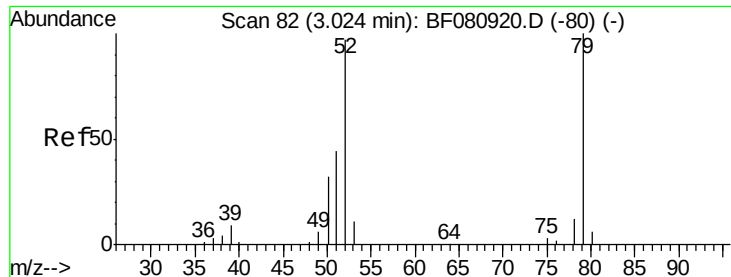


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.18 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

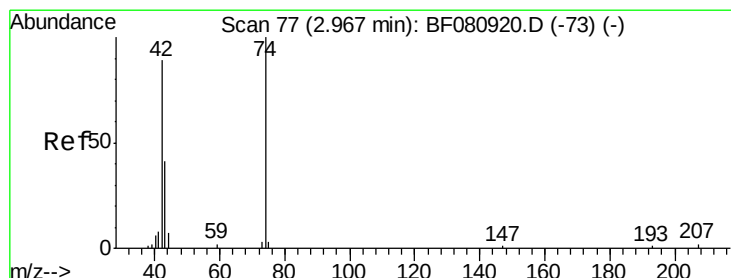
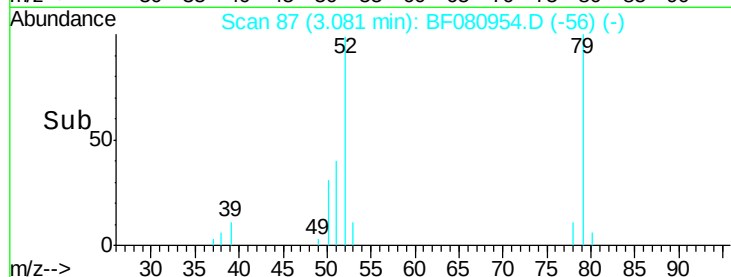
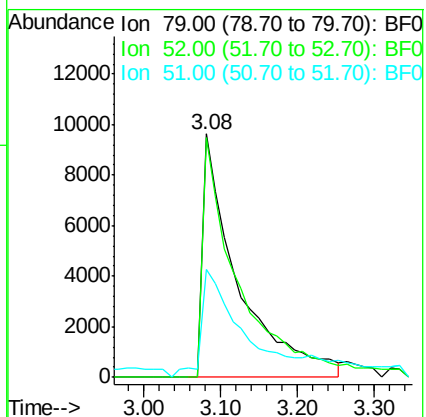
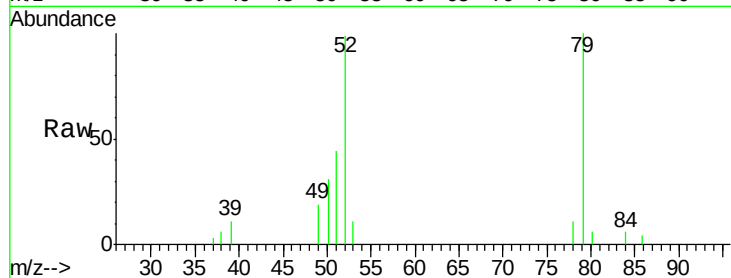
Tot Ion: 79 Resp: 30401

Ion Ratio Lower Upper

79 100

52 98.7 77.2 115.8

51 44.1 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 16.61 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

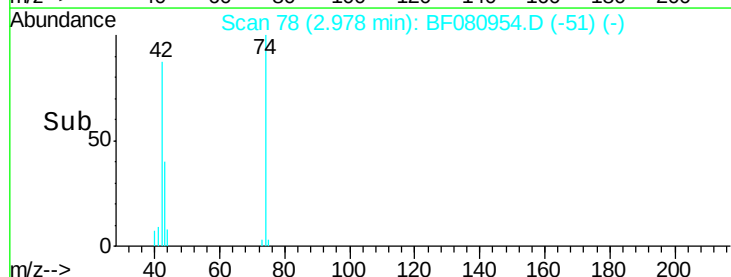
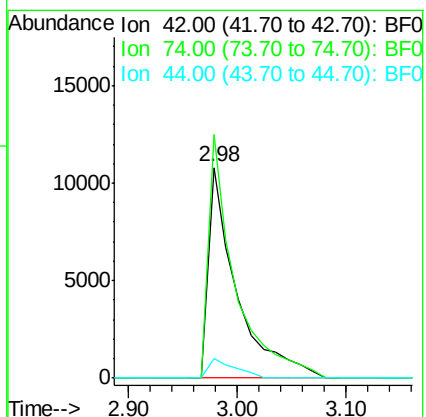
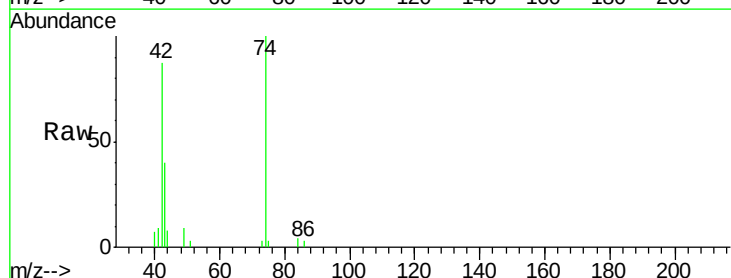
Tgt Ion: 42 Resp: 19552

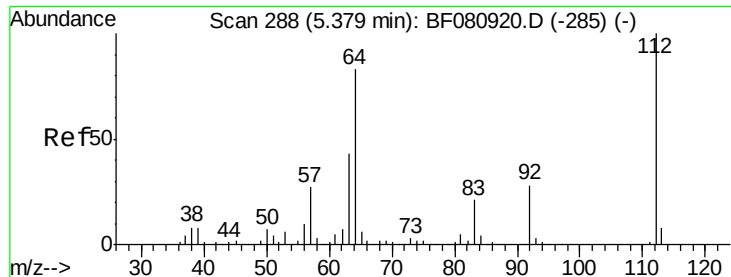
Ion Ratio Lower Upper

42 100

74 115.6 89.8 134.8

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 26.07 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

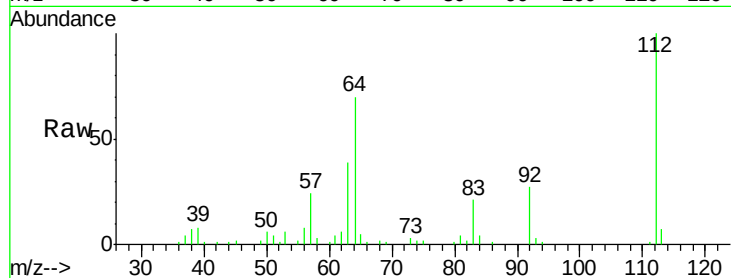
Tot Ion:112 Resp: 44711

Ion Ratio Lower Upper

112 100

64 69.9 66.1 99.1

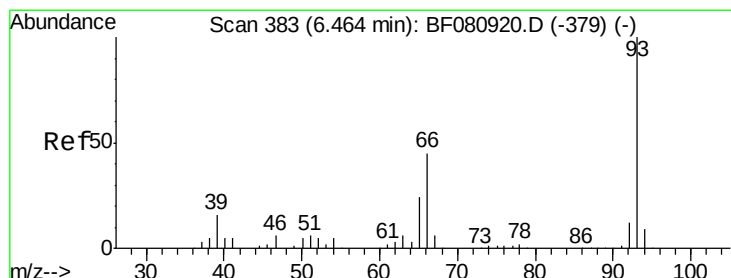
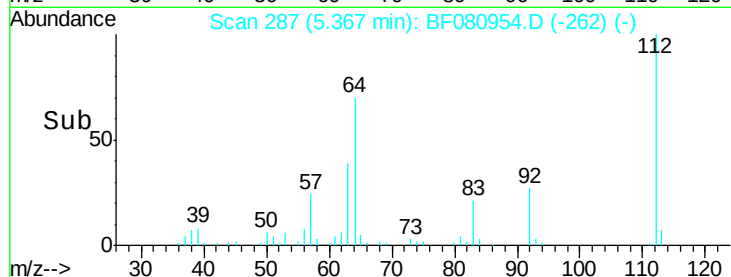
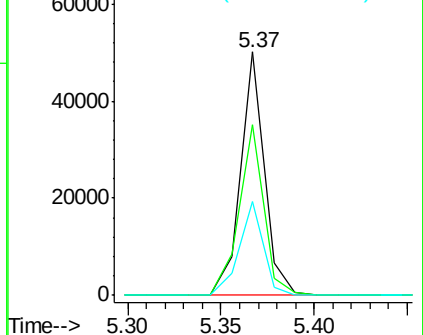
63 38.7 34.6 52.0



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: 18.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

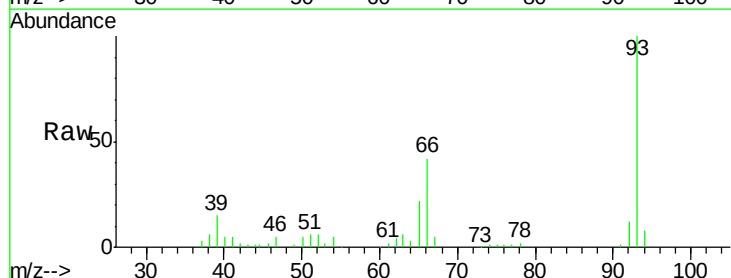
Tgt Ion: 93 Resp: 63557

Ion Ratio Lower Upper

93 100

66 42.4 36.2 54.4

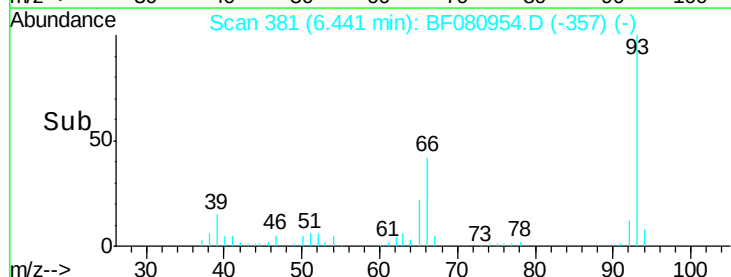
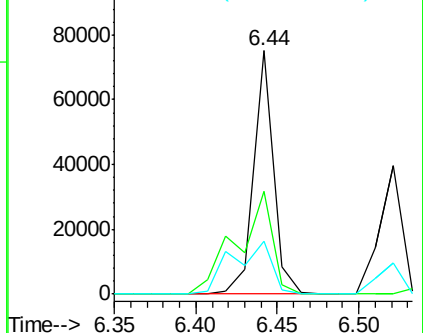
65 21.8 19.0 28.4

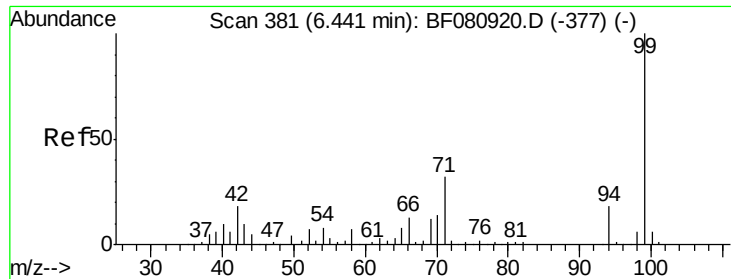


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

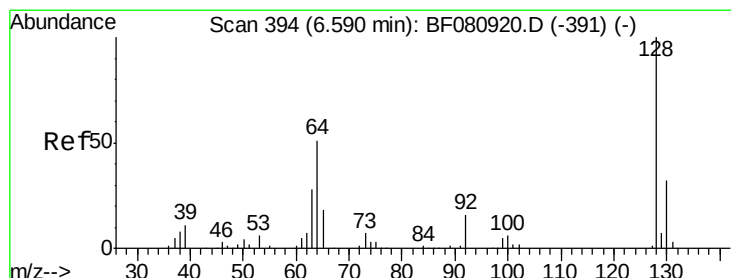
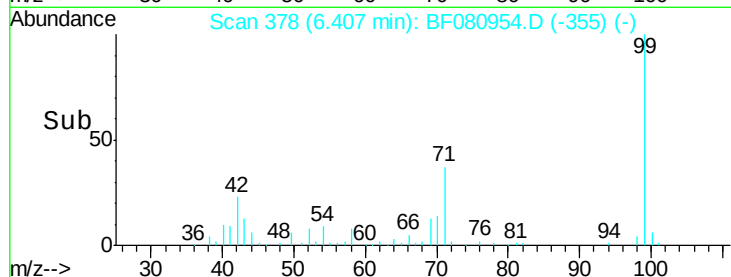
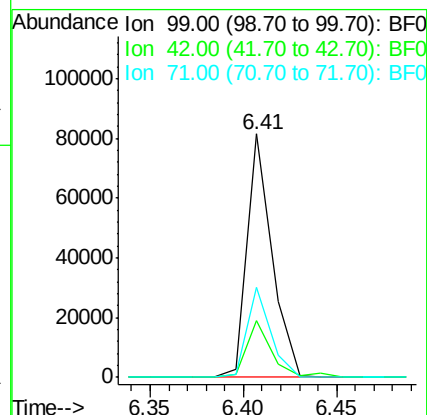
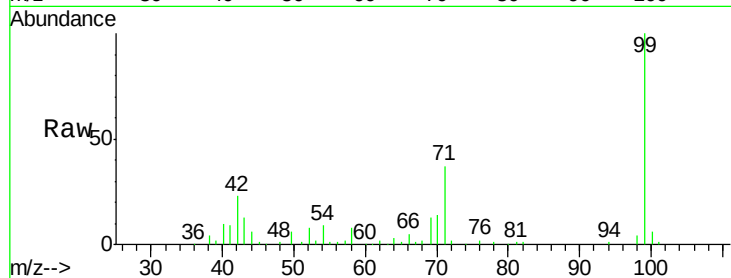
BNA_F

ClientSampleId :

PB84907BSD

Tot Ion: 99 Resp: 75884

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.4	21.6#
71	36.7	25.8	38.8



#8

2-Chlorophenol

Concen: 17.27 ng

RT: 6.57 min Scan# 392

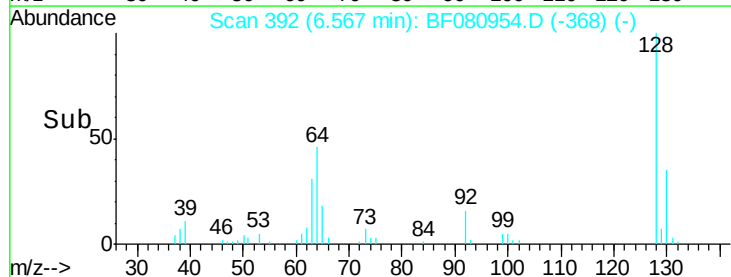
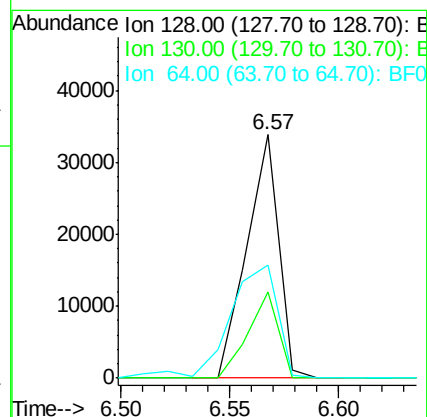
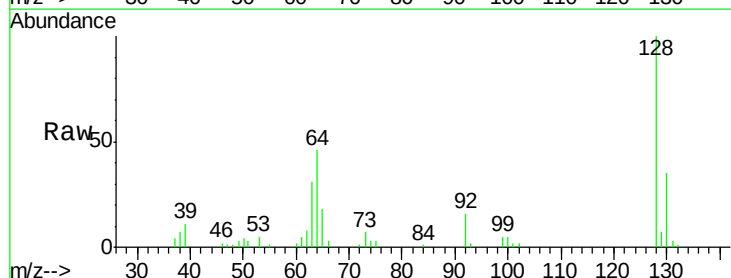
Delta R.T. -0.02 min

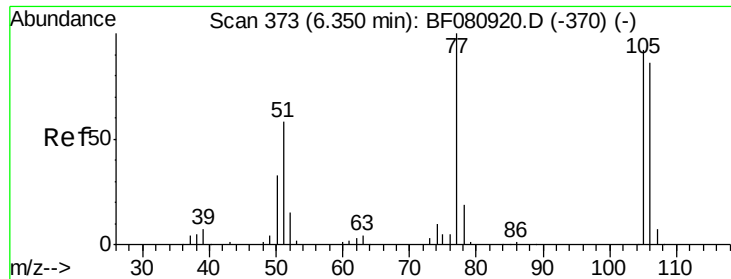
Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Tgt Ion: 128 Resp: 34276

Ion	Ratio	Lower	Upper
128	100		
130	35.3	12.4	52.4
64	46.5	32.1	72.1

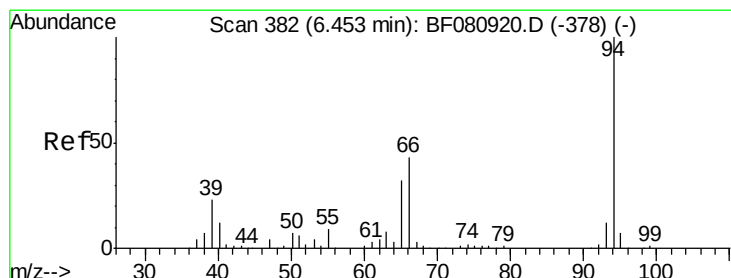
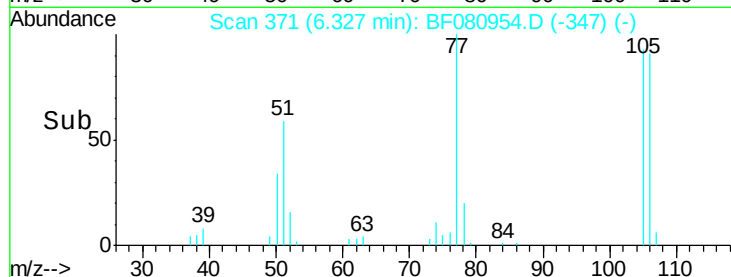
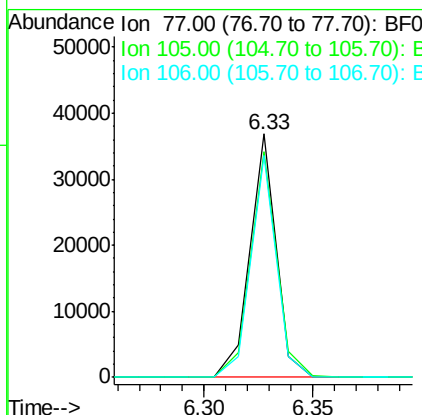
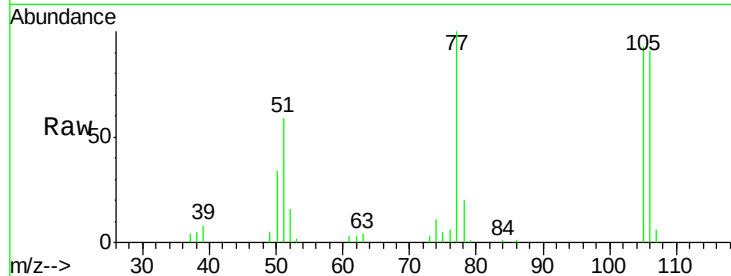




#9
Benzaldehyde
Concen: 19.48 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

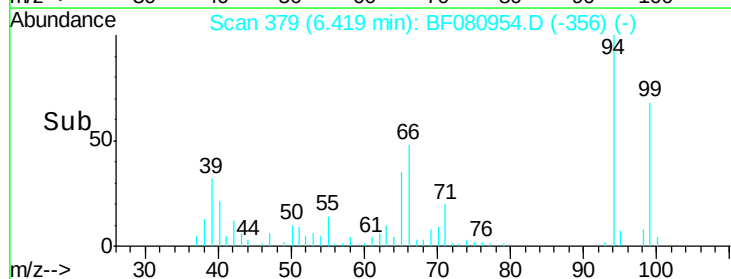
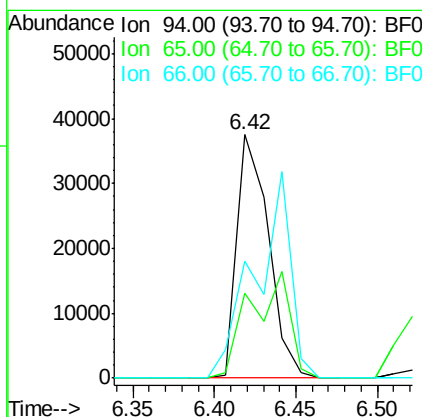
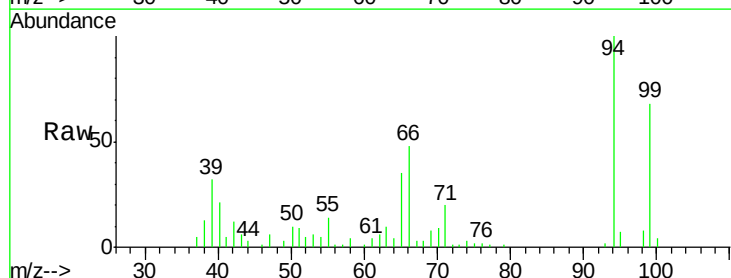
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

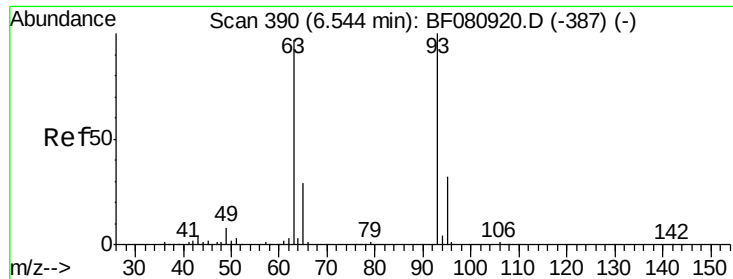
Tot Ion: 77 Resp: 30863
Ion Ratio Lower Upper
77 100
105 92.6 71.6 111.6
106 91.2 65.7 105.7



#10
Phenol
Concen: 17.91 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion: 94 Resp: 49946
Ion Ratio Lower Upper
94 100
65 34.9 11.8 51.8
66 48.2 22.9 62.9

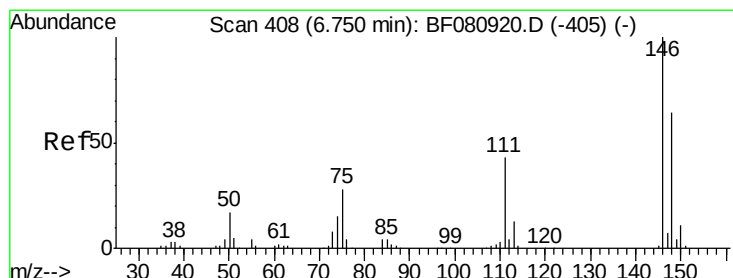
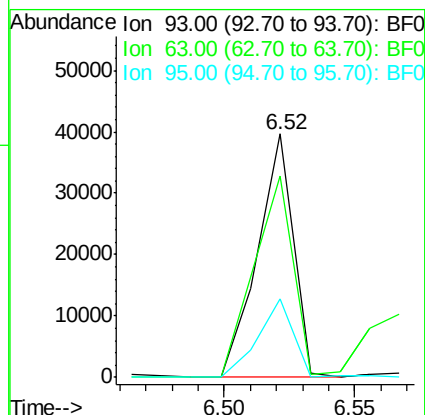
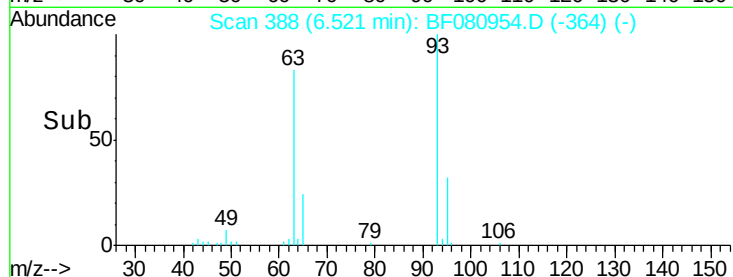
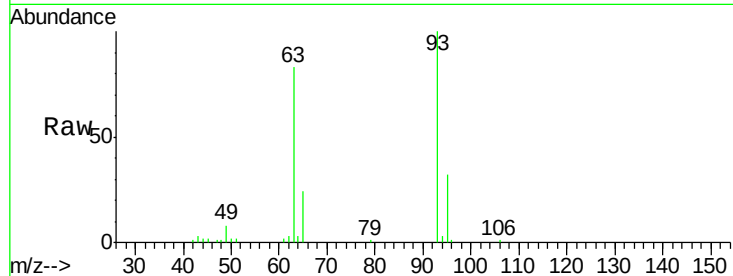




#11
 bis(2-Chloroethyl)ether
 Concen: 18.07 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

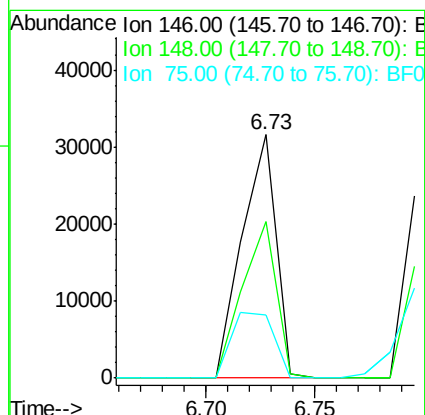
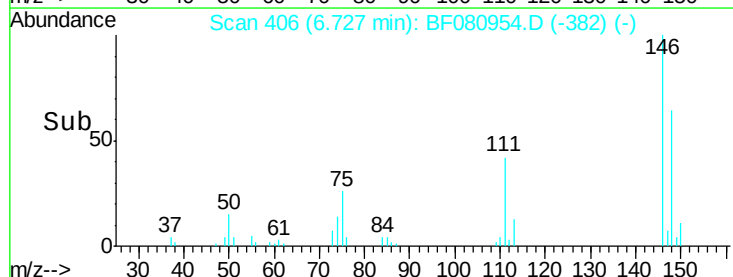
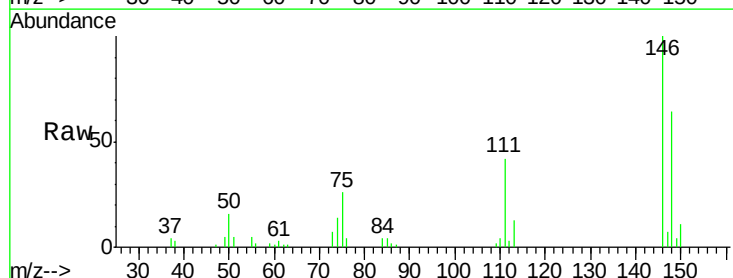
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

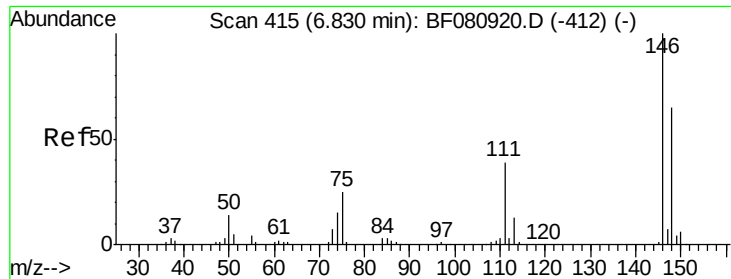
Tot Ion: 93 Resp: 37608
 Ion Ratio Lower Upper
 93 100
 63 82.7 76.7 116.7
 95 32.1 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 16.25 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion: 146 Resp: 34221
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 75 26.1 22.2 33.4

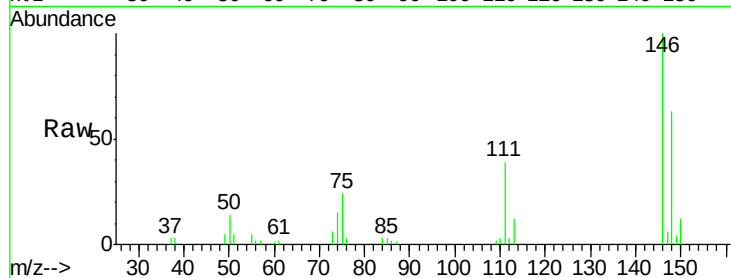




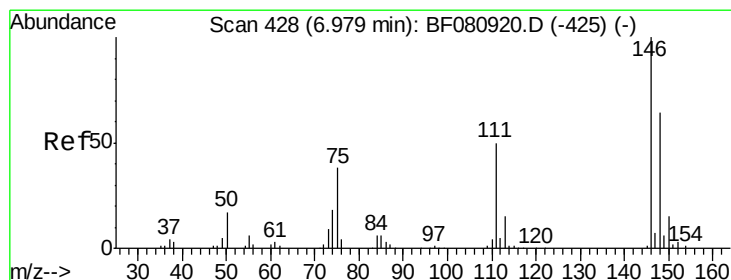
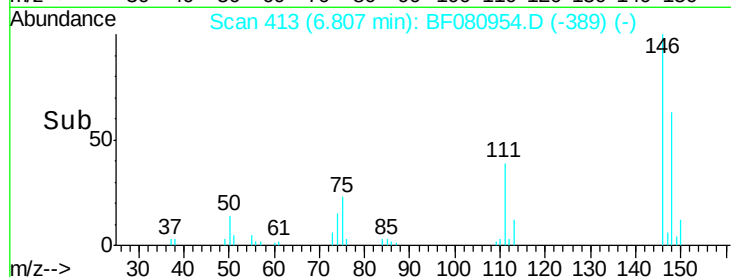
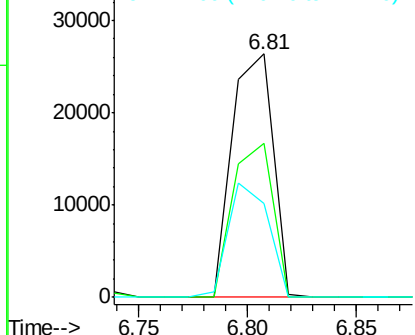
#13
 1,4-Dichlorobenzene
 Concen: 15.80 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:146 Resp: 34582
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.4
 111 38.8 31.5 47.3

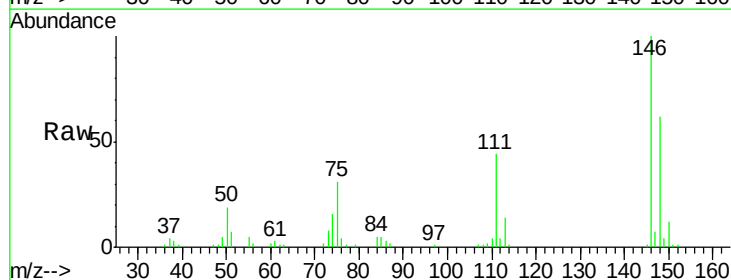


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

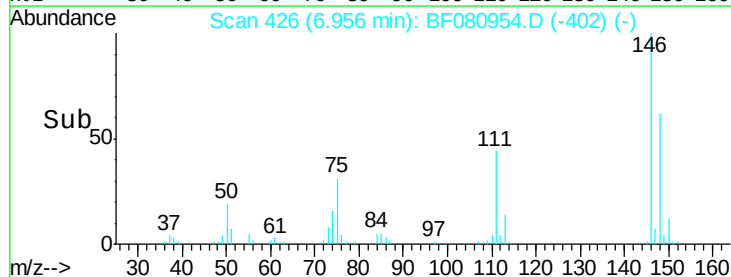
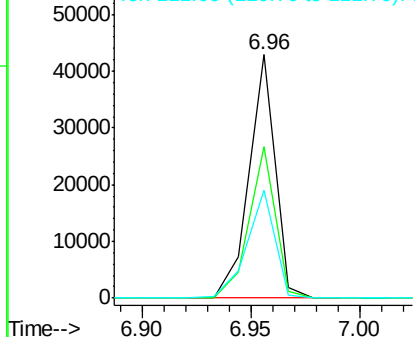


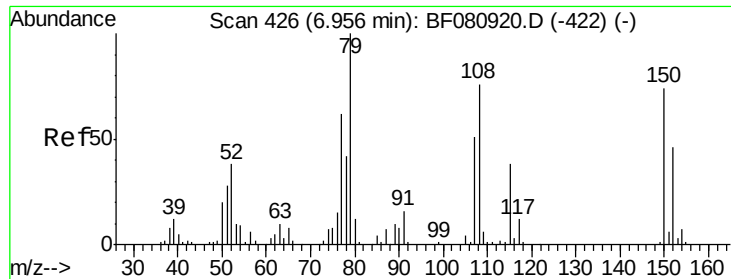
#14
 1,2-Dichlorobenzene
 Concen: 18.07 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:146 Resp: 35739
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 44.2 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

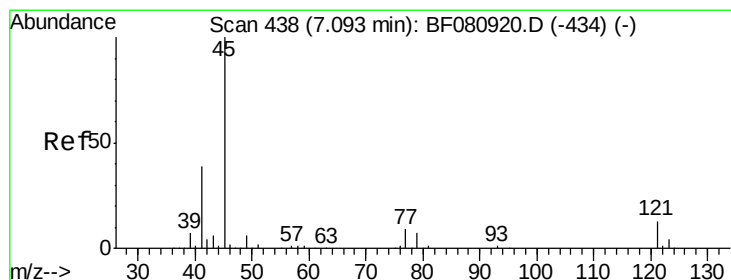
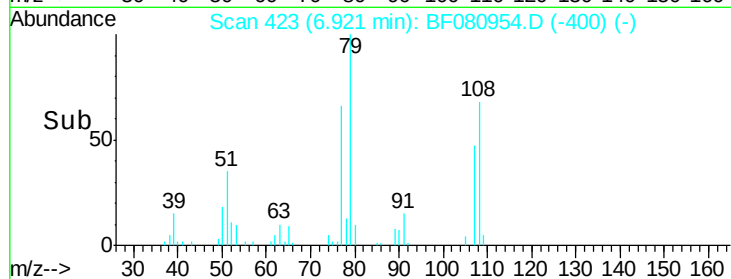
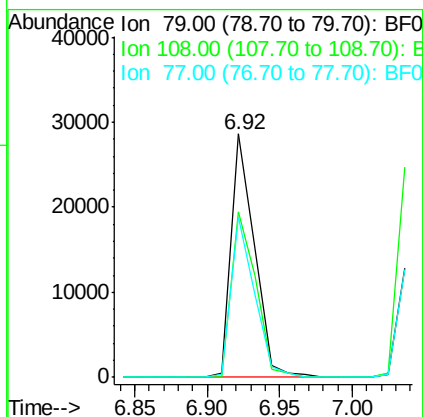
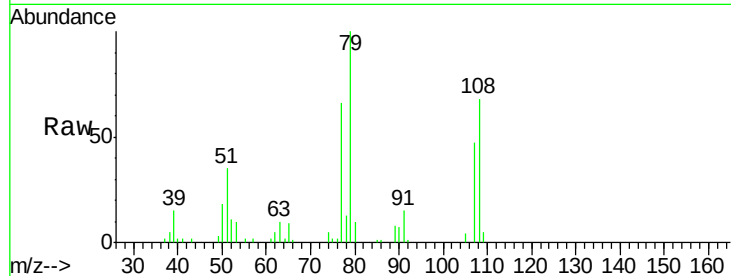




#15
Benzyl Alcohol
Concen: 16.57 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

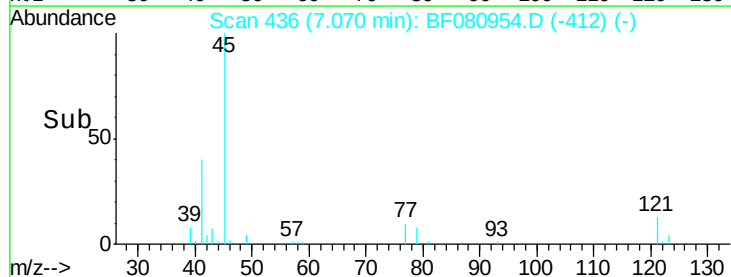
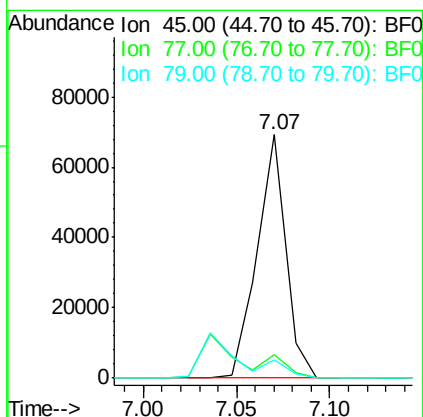
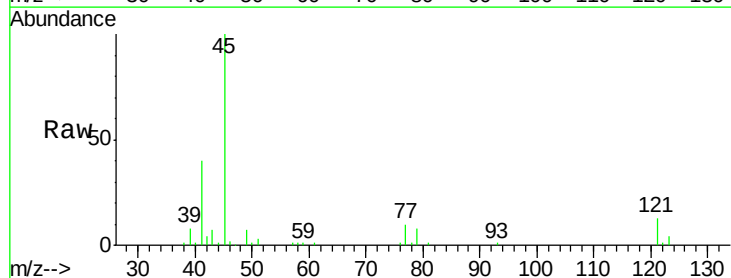
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

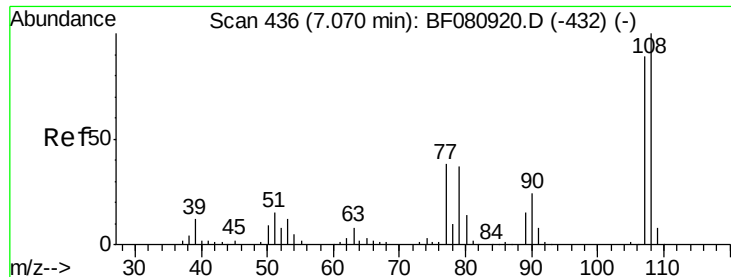
Tot Ion: 79 Resp: 31861
Ion Ratio Lower Upper
79 100
108 68.1 60.9 91.3
77 65.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.52 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion: 45 Resp: 73354
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.6
79 7.6 0.0 27.7

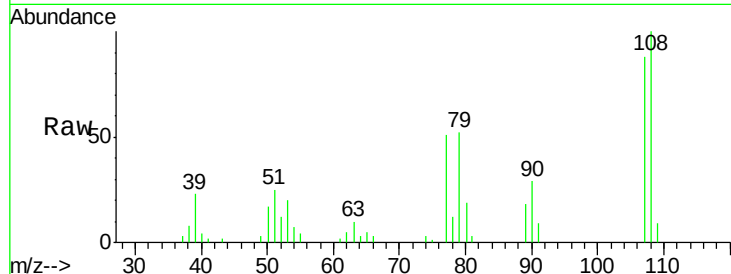




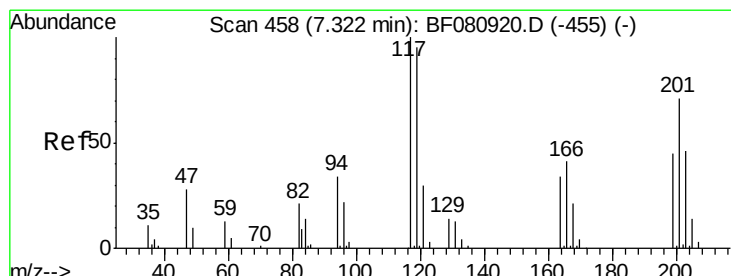
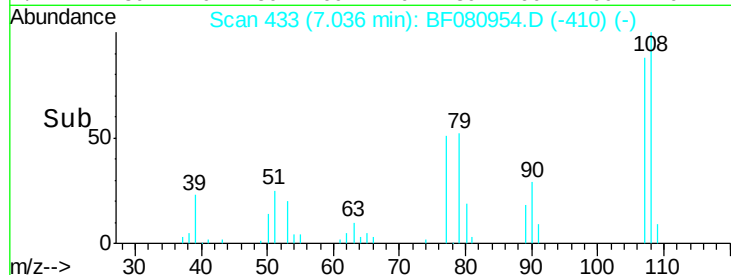
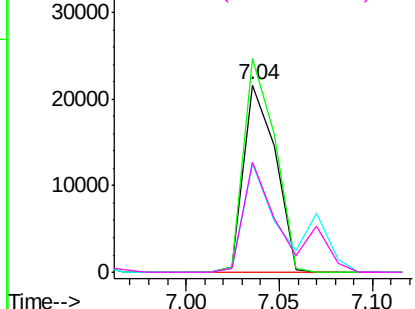
#17
2-Methylphenol
Concen: 15.06 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.3	135.5
77	58.5	34.6	51.8#
79	59.2	33.6	50.4#

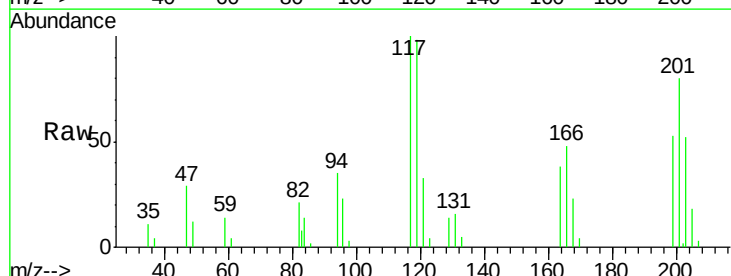


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

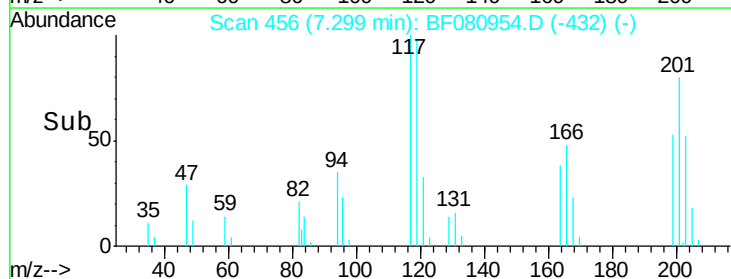
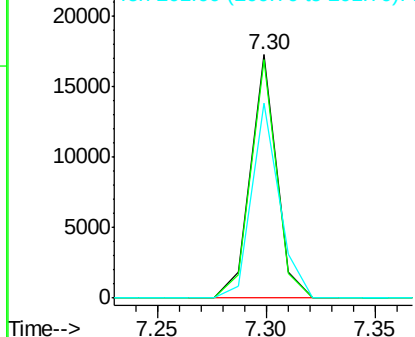


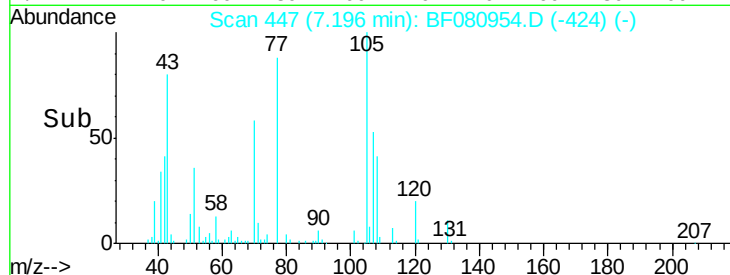
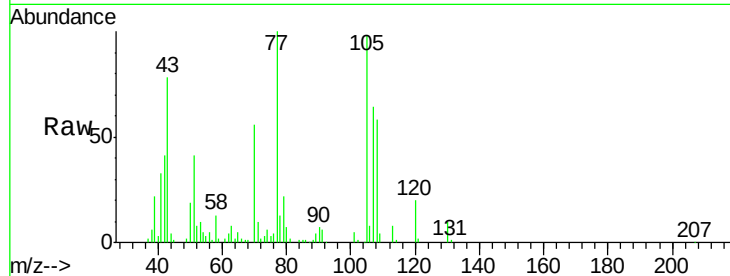
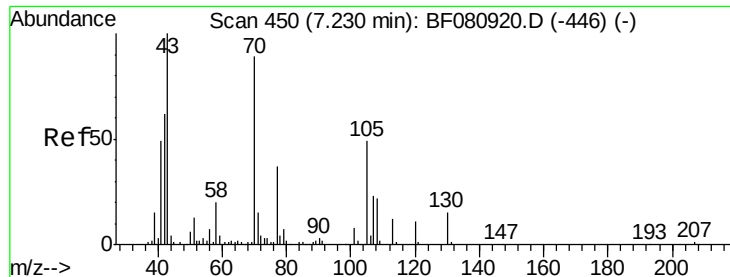
#18
Hexachloroethane
Concen: 17.10 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.3	114.5
201	80.3	57.0	85.6



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

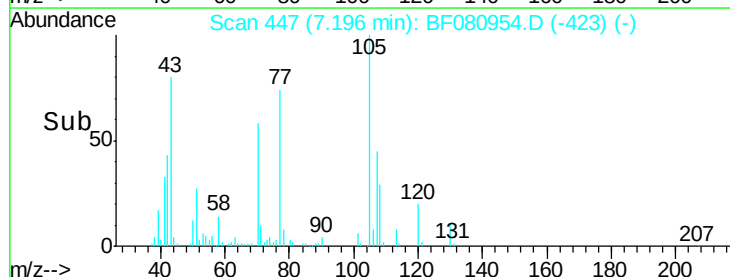
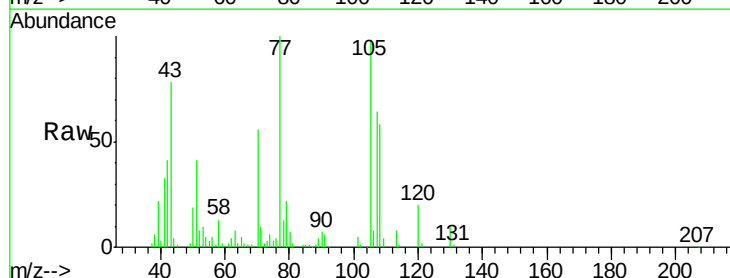
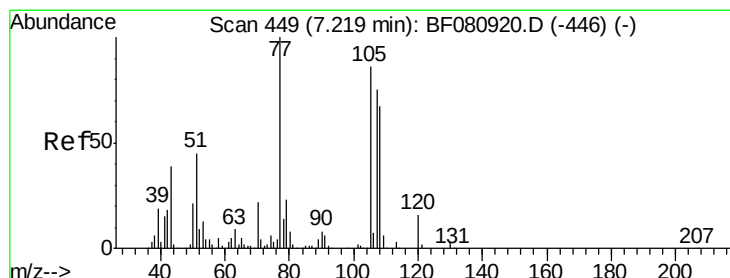
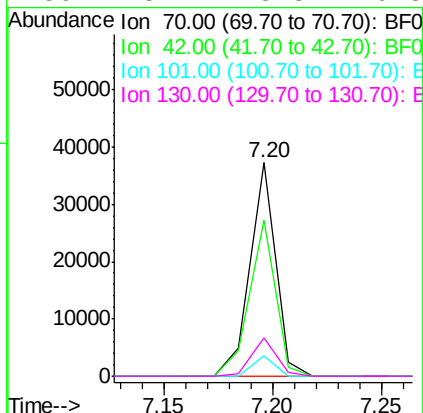




#19
n-Nitroso-di-n-propylamine
Concen: 17.81 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

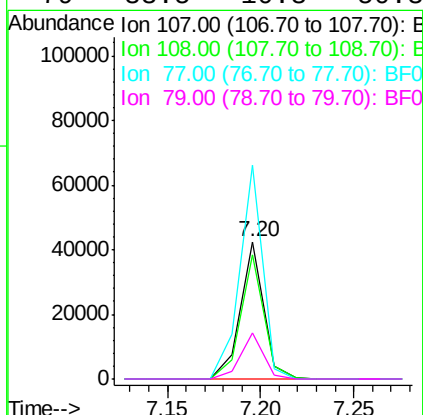
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

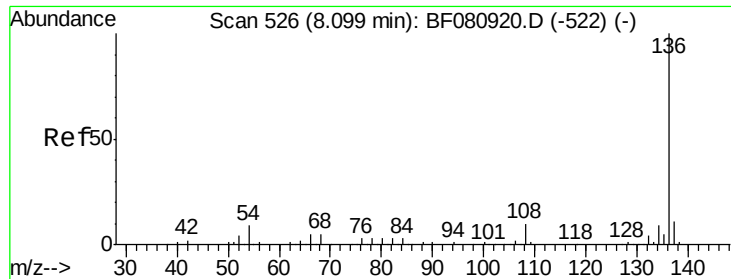
Tot Ion: 70 Resp: 30592
Ion Ratio Lower Upper
70 100
42 73.1 55.7 83.5
101 9.5 7.0 10.6
130 18.2 13.8 20.8



#20
3+4-Methylphenols
Concen: 17.52 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion: 107 Resp: 37268
Ion Ratio Lower Upper
107 100
108 90.3 69.2 109.2
77 155.7 113.0 153.0#
79 33.5 10.3 50.3

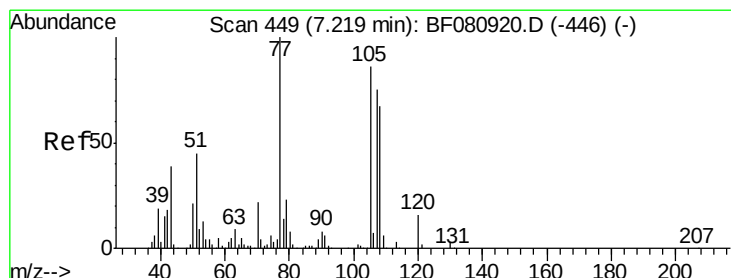
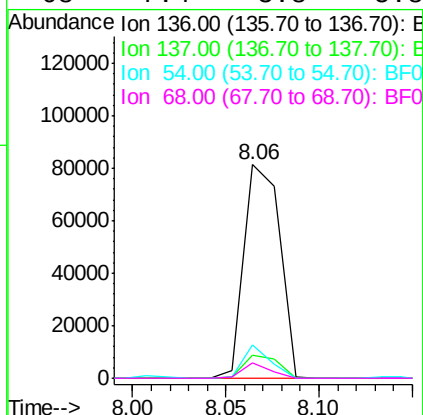
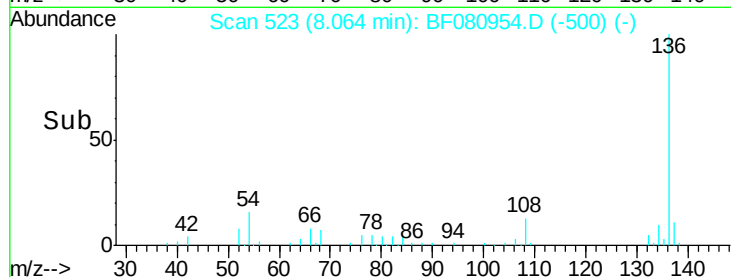
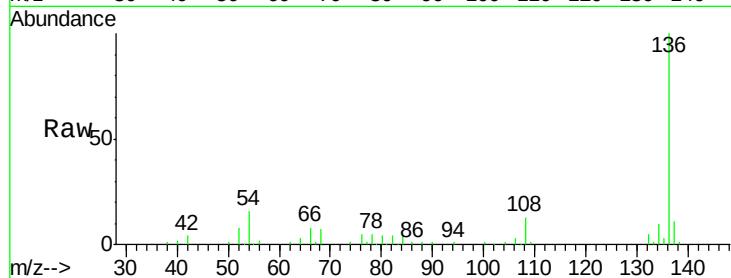




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

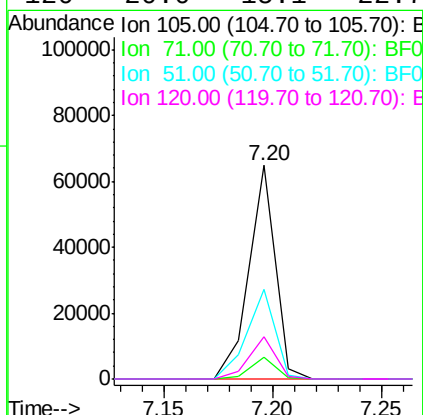
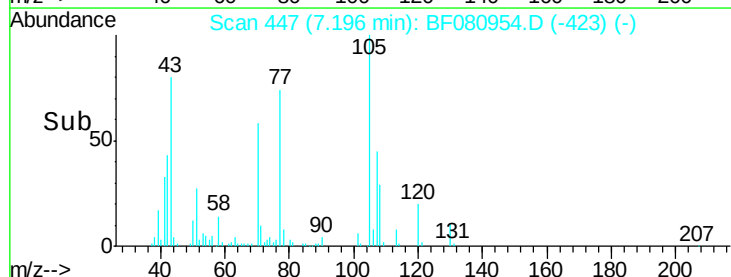
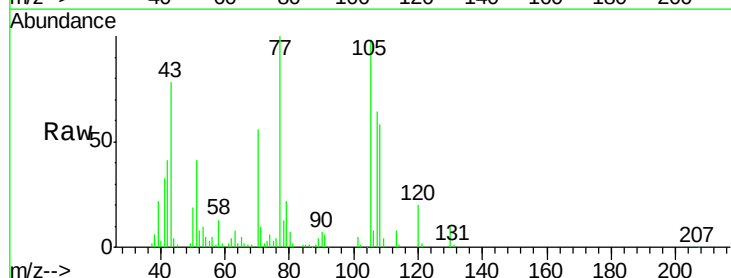
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

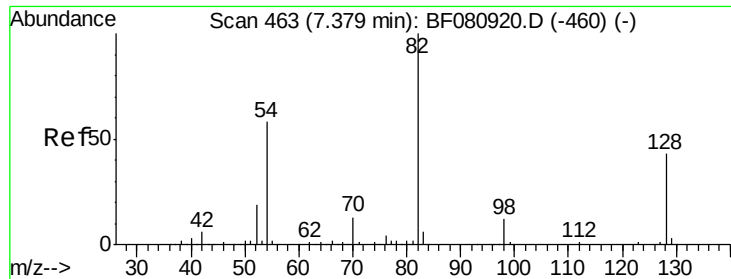
Tot Ion:136	Resp:	108324
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	15.6	7.1 10.7#
68	7.4	3.8 5.8#



#22
Acetophenone
Concen: 20.50 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:105	Resp:	54416
Ion Ratio	Lower	Upper
105	100	
71	9.9	3.3 4.9#
51	41.9	41.8 62.6
120	20.0	15.1 22.7

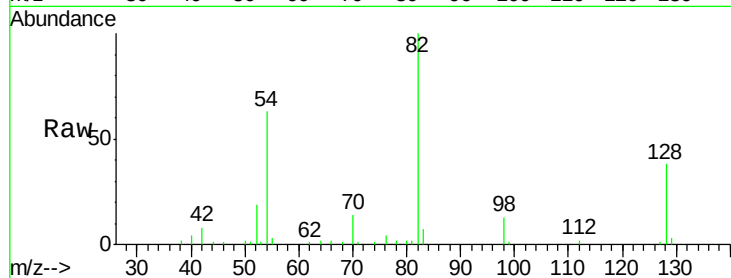




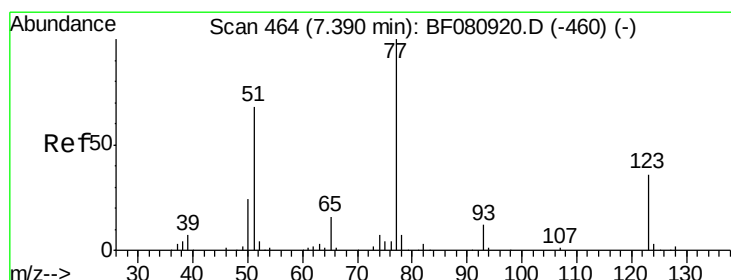
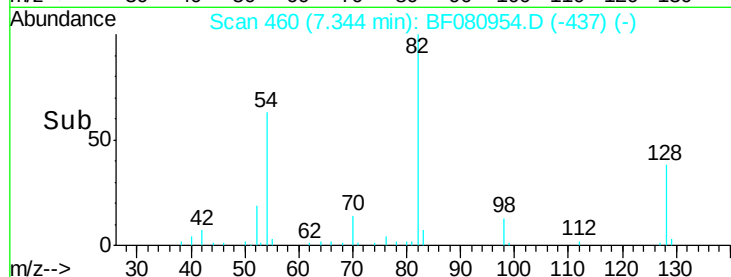
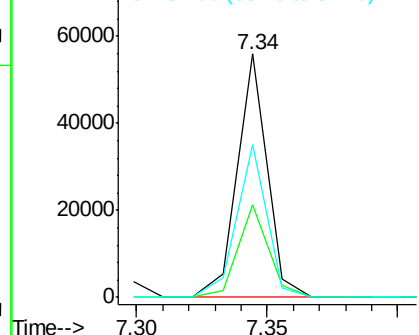
#23
Nitrobenzene-d5
Concen: 19.67 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	82	Resp	45047
Ion Ratio	100	Lower	Upper
128	37.8	34.1	51.1
54	62.8	46.5	69.7

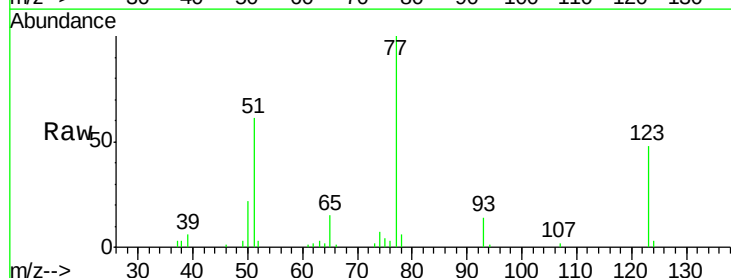


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

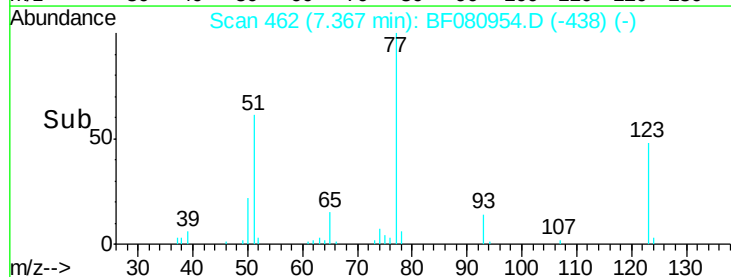
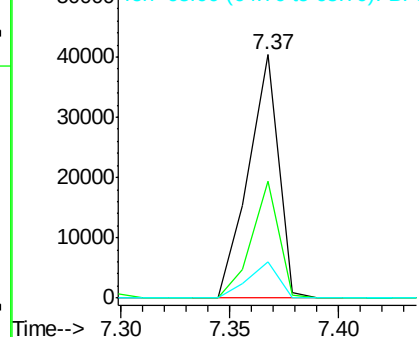


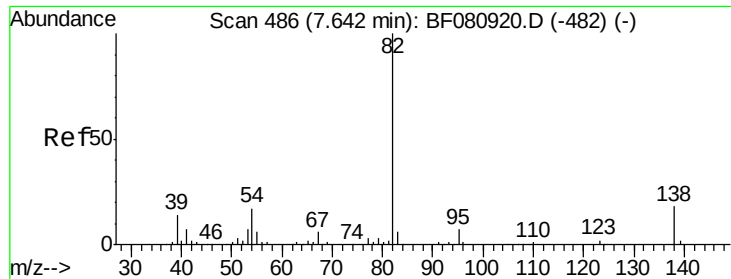
#24
Nitrobenzene
Concen: 16.47 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion	77	Resp	38837
Ion Ratio	100	Lower	Upper
123	48.1	28.7	43.1#
65	14.8	12.5	18.7



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





#25

Isophorone

Concen: 20.37 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

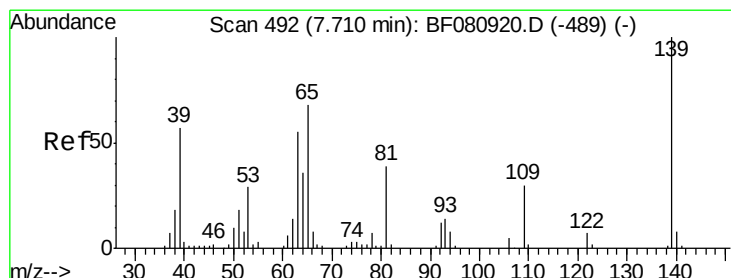
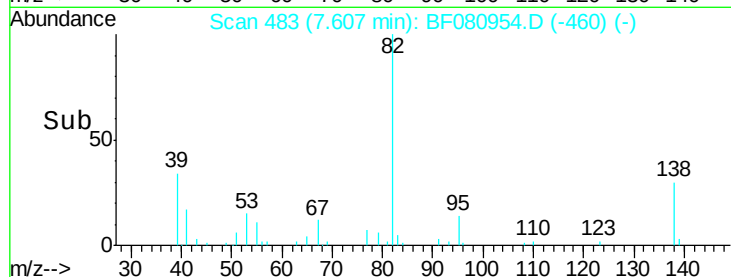
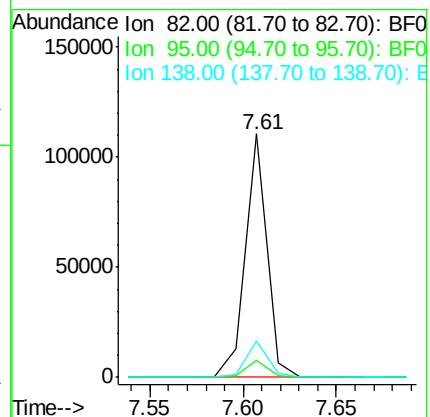
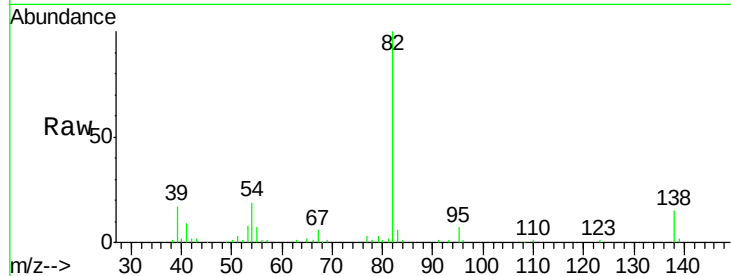
Tot Ion: 82 Resp: 89733

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 15.0 14.1 21.1



#26

2-Nitrophenol

Concen: 20.67 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

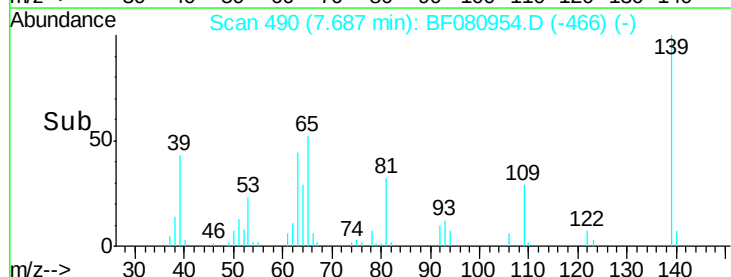
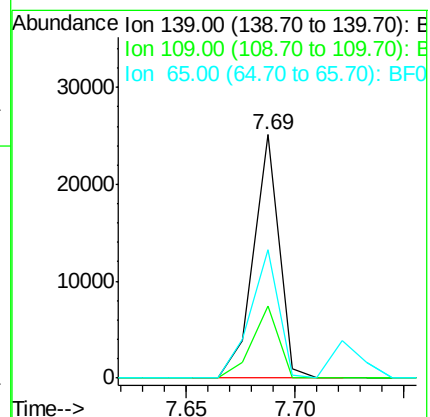
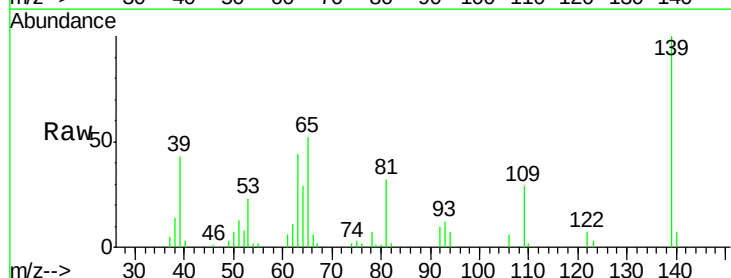
Tgt Ion: 139 Resp: 20506

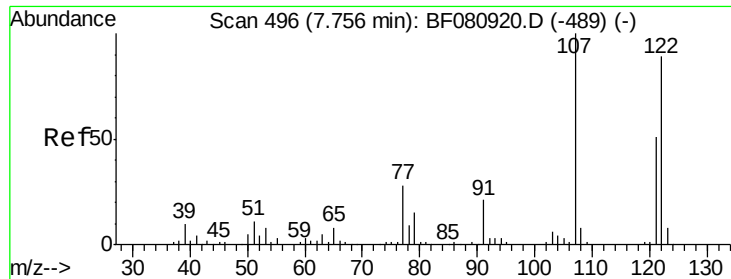
Ion Ratio Lower Upper

139 100

109 29.4 24.1 36.1

65 52.5 54.0 81.0#

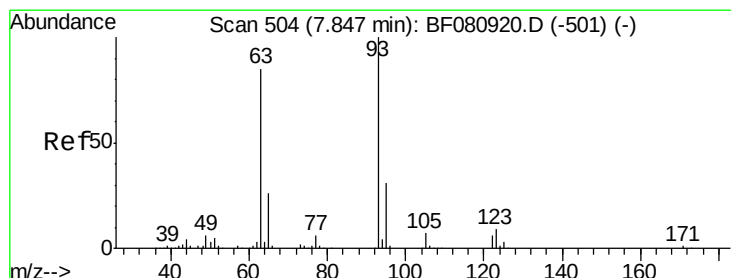
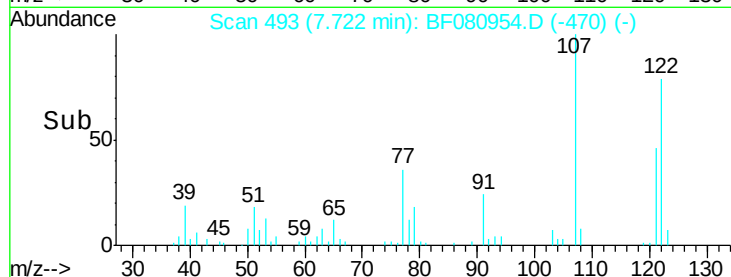
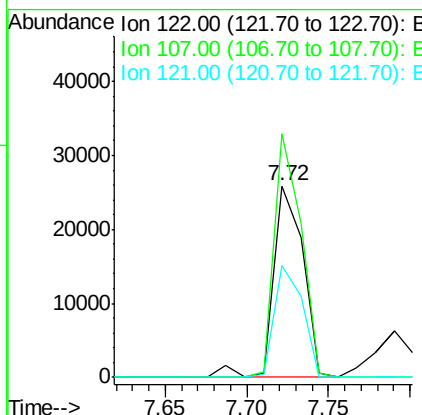
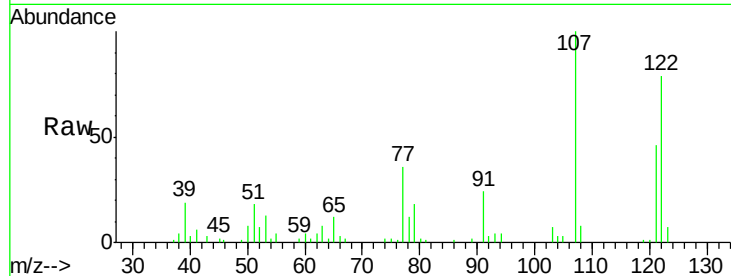




#27
 2,4-Dimethylphenol
 Concen: 17.60 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

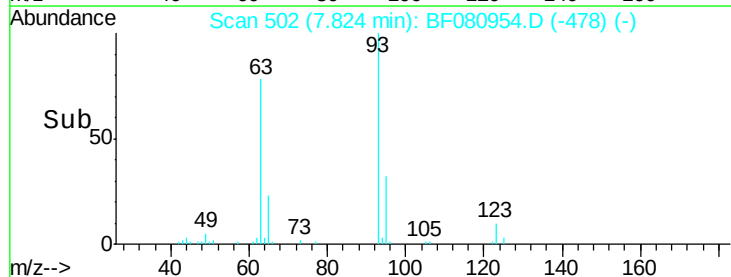
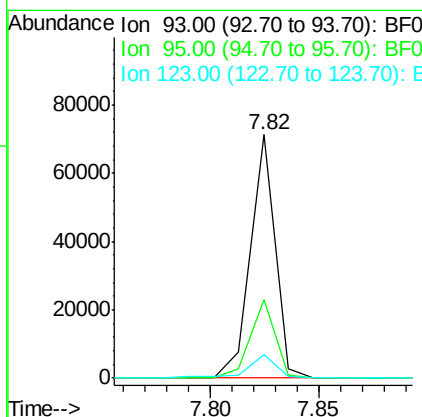
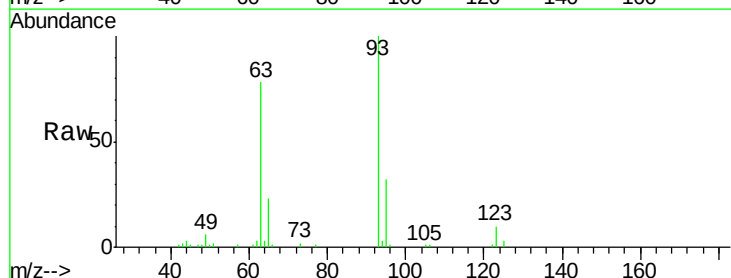
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

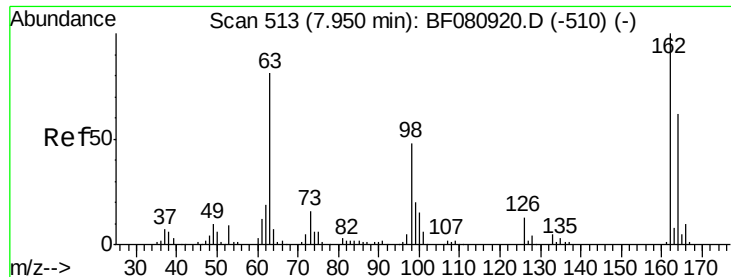
Tot Ion:122 Resp: 32694
 Ion Ratio Lower Upper
 122 100
 107 127.1 90.2 135.4
 121 58.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.13 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion: 93 Resp: 55863
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.0 37.4
 123 9.7 7.4 11.0

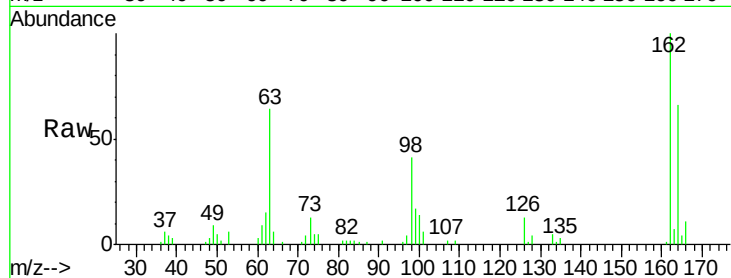




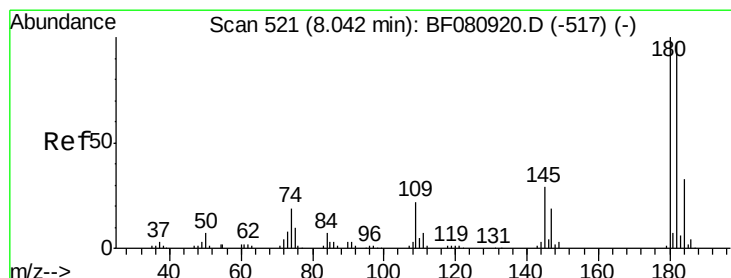
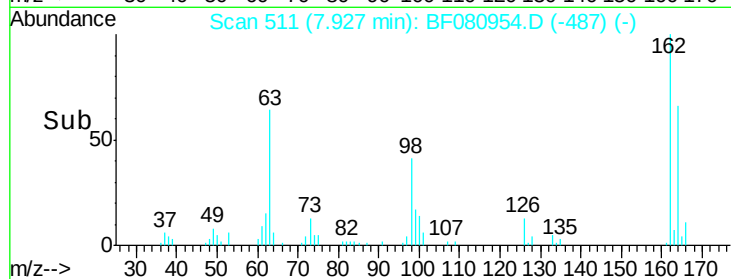
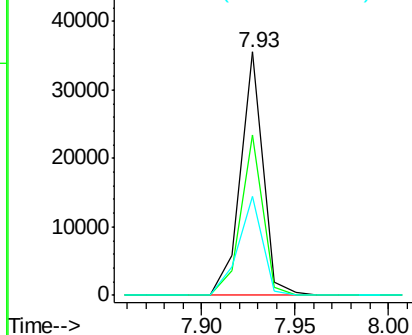
#29
 2,4-Dichlorophenol
 Concen: 19.68 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:162 Resp: 30042
 Ion Ratio Lower Upper
 162 100
 164 66.1 42.3 82.3
 98 40.7 27.7 67.7

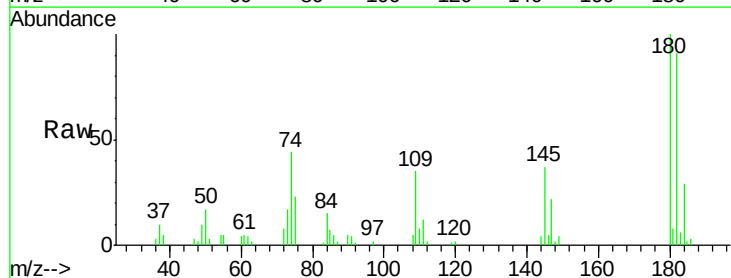


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

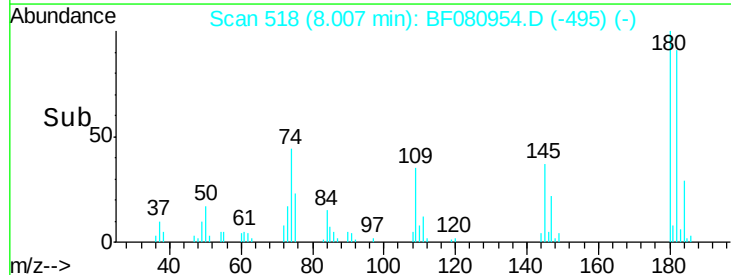
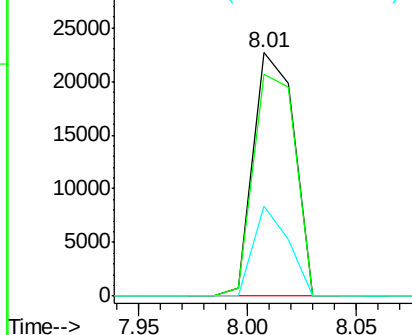


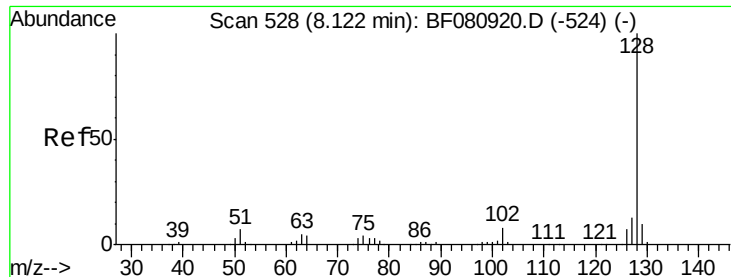
#30
 1,2,4-Trichlorobenzene
 Concen: 17.81 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:180 Resp: 29721
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.4 116.0
 145 36.9 23.2 34.8#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

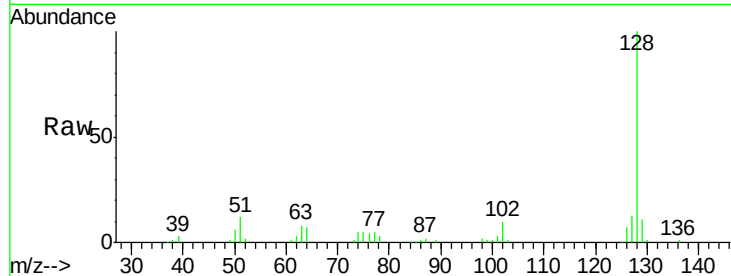




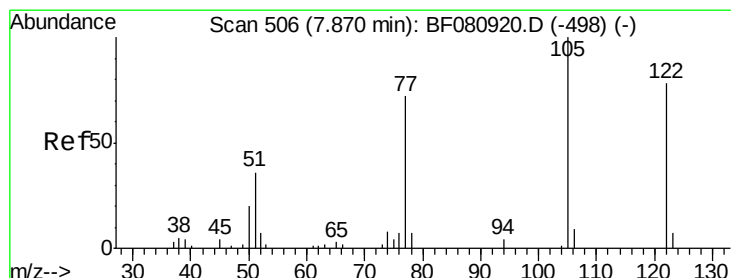
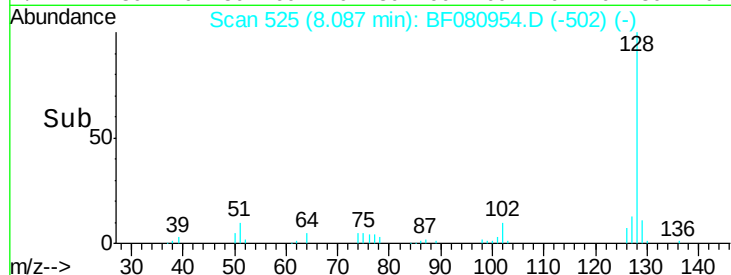
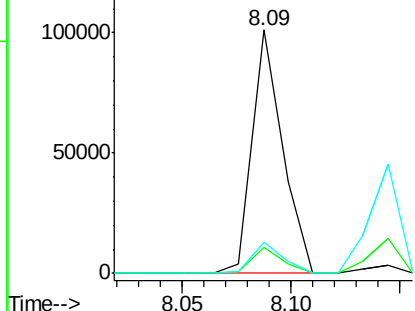
#31
Naphthalene
Concen: 16.48 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:128 Resp: 98401
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.9 10.5 15.7

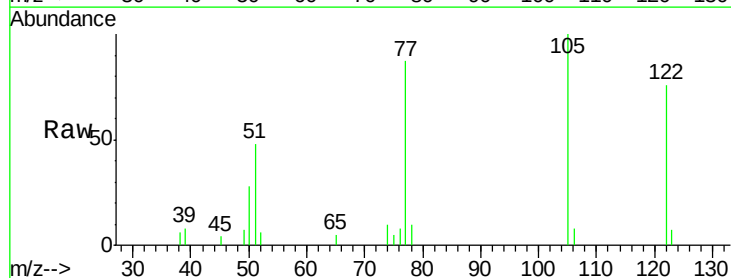


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

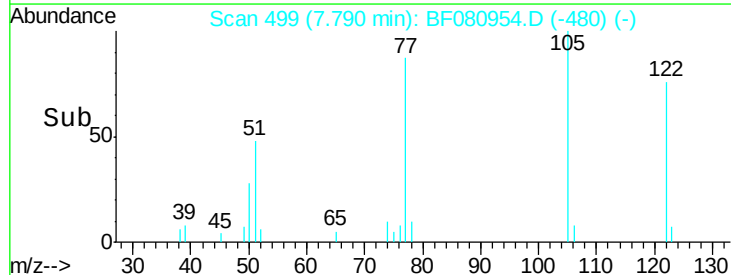
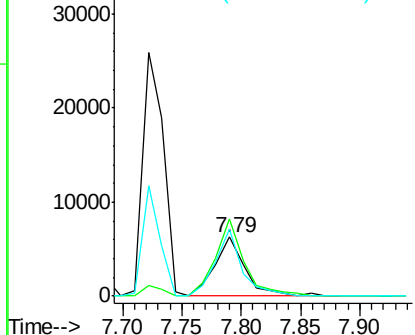


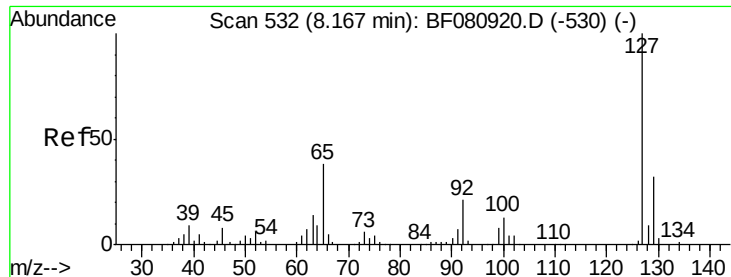
#32
Benzoic acid
Concen: 10.00 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.08 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:122 Resp: 11124
Ion Ratio Lower Upper
122 100
105 130.9 103.6 143.6
77 113.6 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

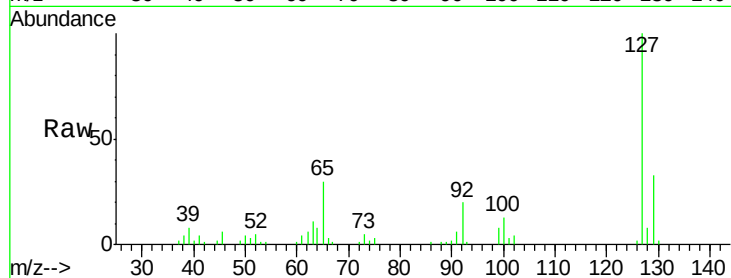




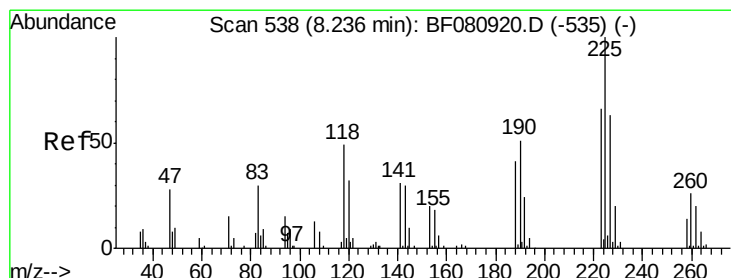
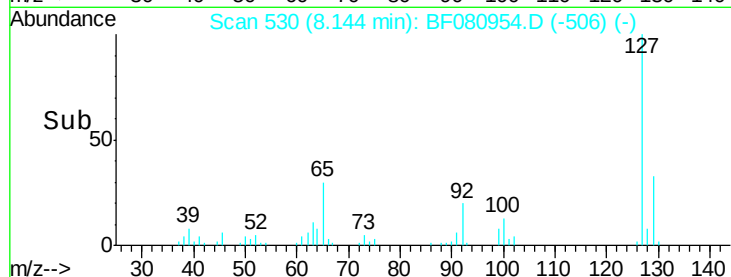
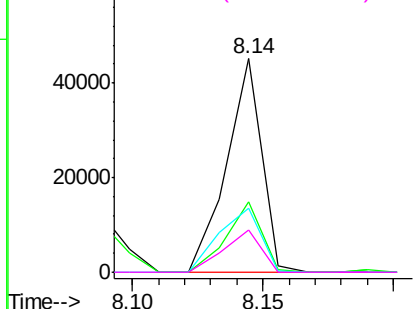
#33
4-Chloroaniline
Concen: 17.48 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:127	Resp:	42425
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.9 38.9
65	30.1	30.6 45.8
92	19.6	16.9 25.3

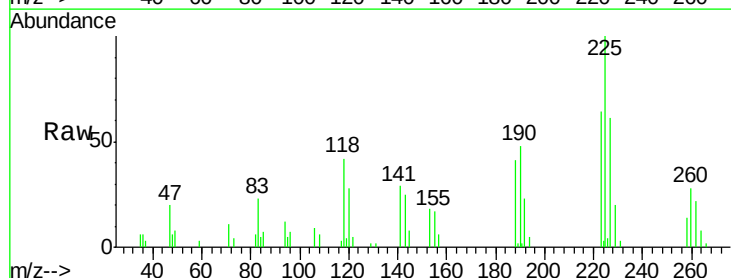


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

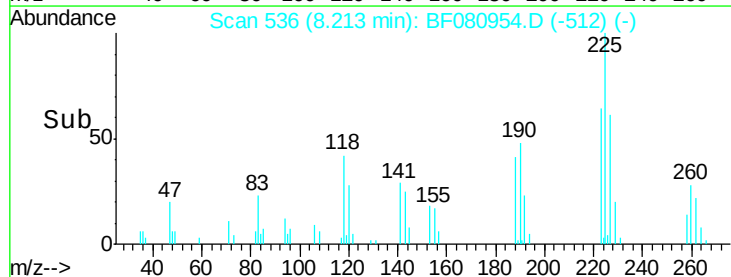
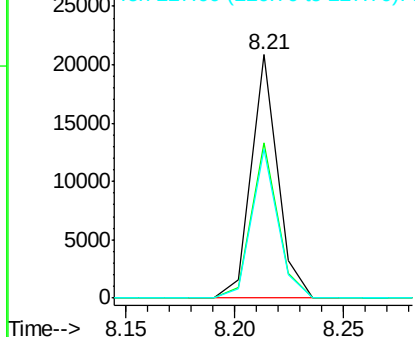


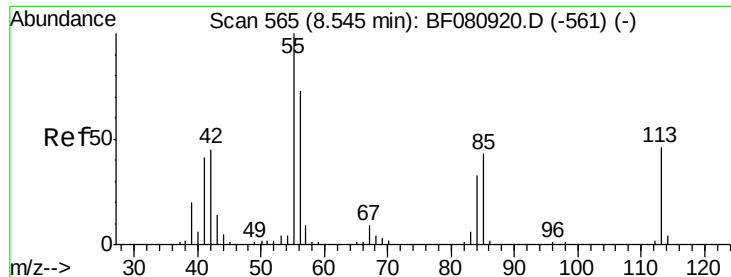
#34
Hexachlorobutadiene
Concen: 17.75 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:225	Resp:	17621
Ion Ratio	Lower	Upper
225	100	
223	64.0	52.5 78.7
227	61.3	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: 16.28 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

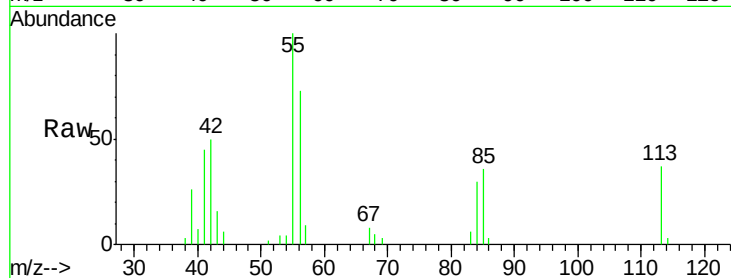
Tot Ion:113 Resp: 8940

Ion Ratio Lower Upper

113 100

55 273.7 196.4 236.4#

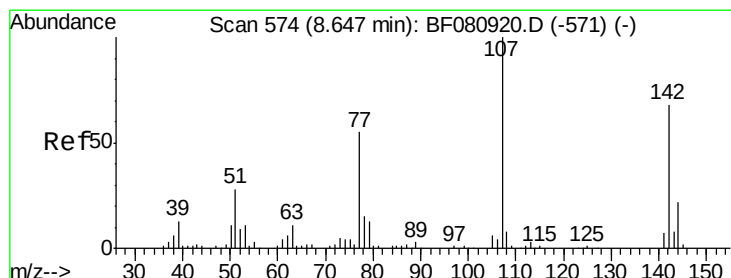
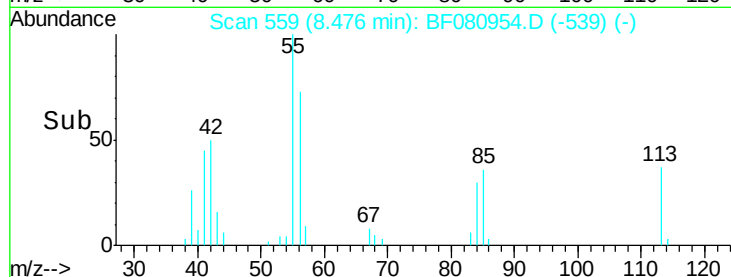
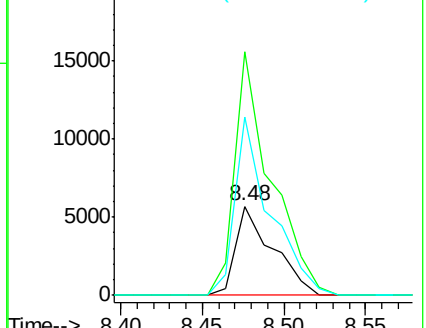
56 200.4 137.9 177.9#



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: 17.39 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

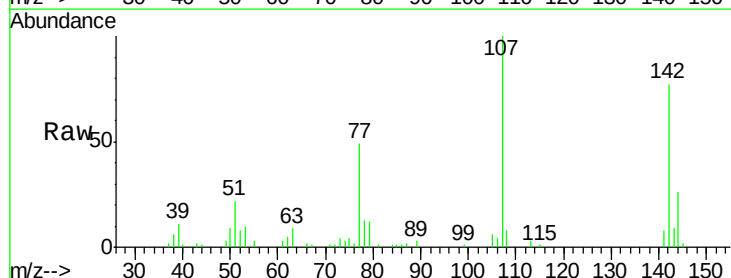
Tgt Ion:107 Resp: 32396

Ion Ratio Lower Upper

107 100

144 25.6 17.3 25.9

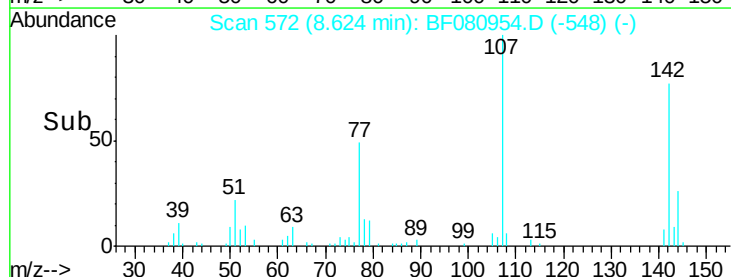
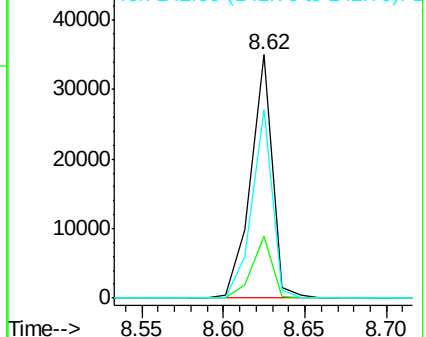
142 77.2 54.4 81.6

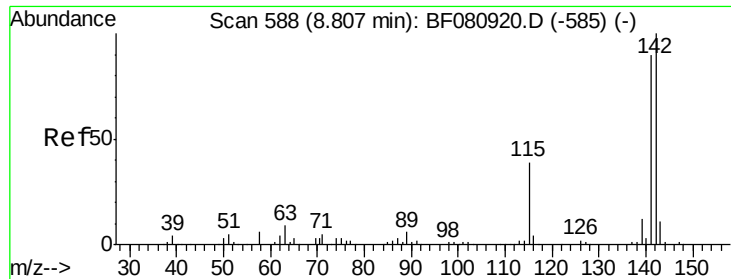


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

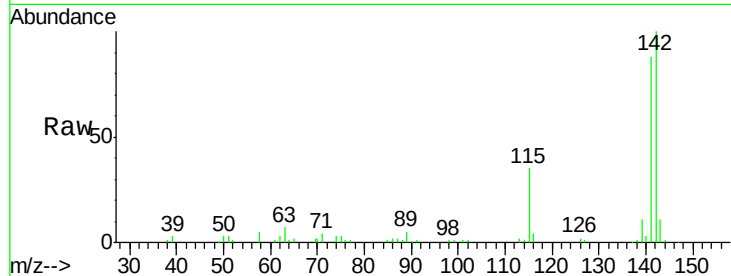




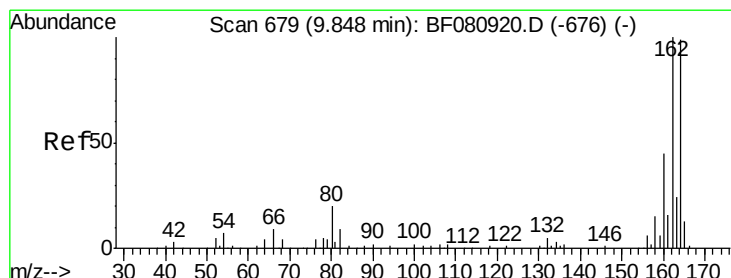
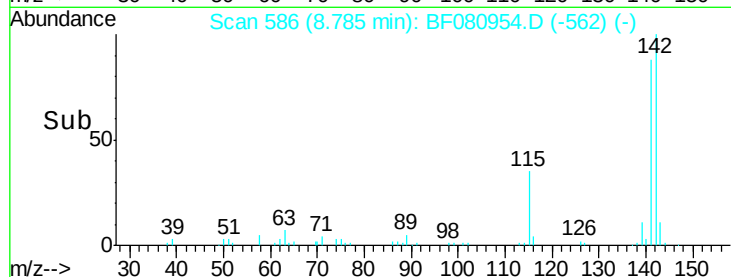
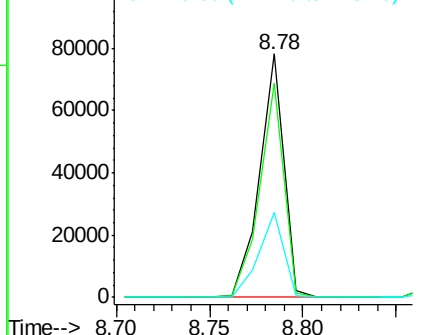
#37
 2-Methylnaphthalene
 Concen: 18.42 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:142 Resp: 70017
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.7 107.5
 115 34.9 30.9 46.3

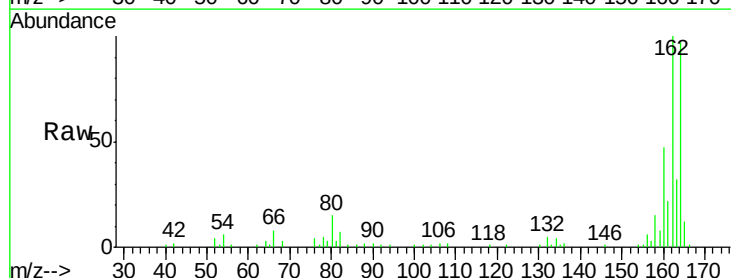


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

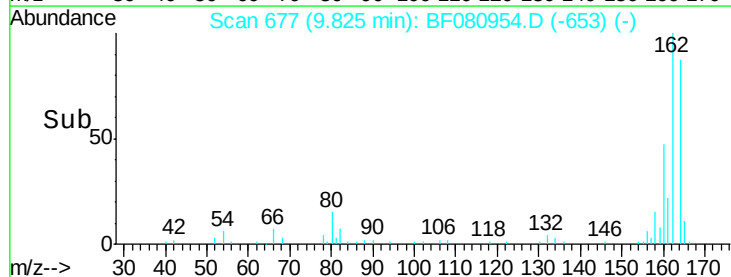
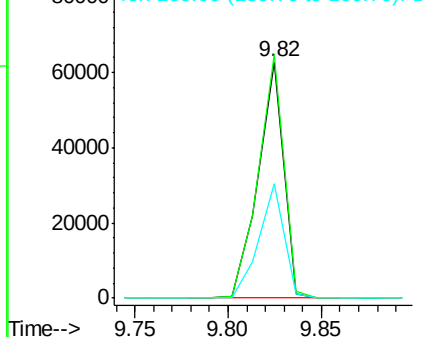


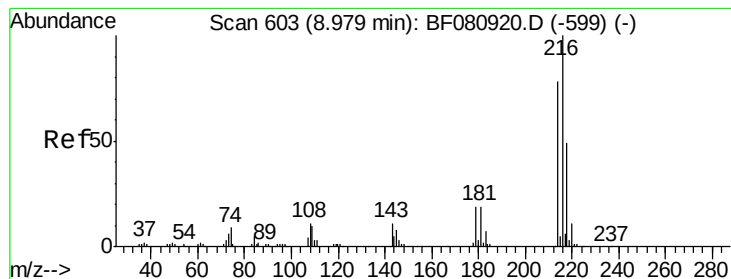
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:164 Resp: 59031
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.5 120.7
 160 48.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 15.00 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

Tot Ion:216 Resp: 27295

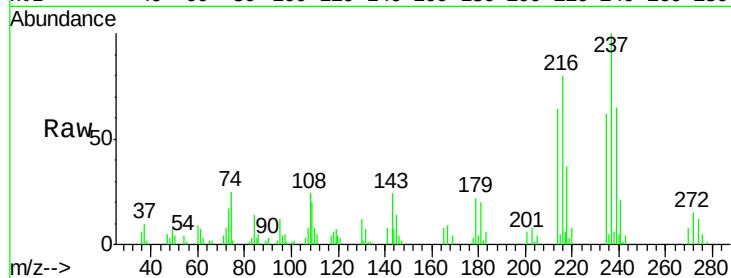
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.2 17.2 25.8

108 25.9 16.1 24.1#

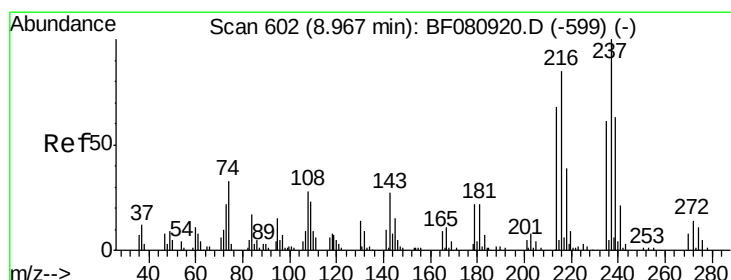
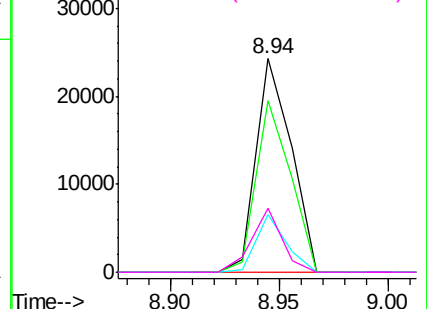
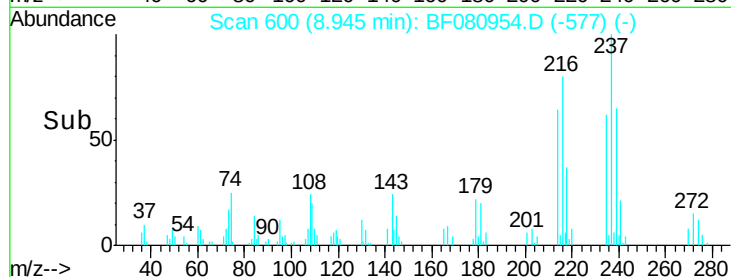


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.66 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

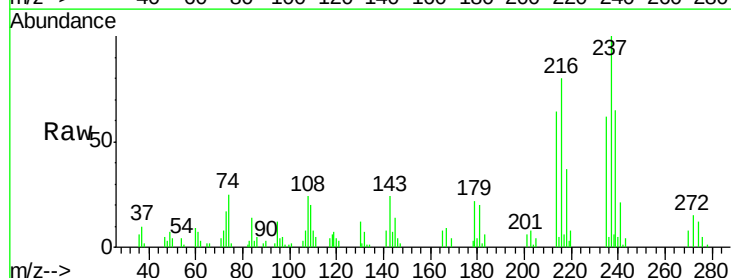
Tgt Ion:237 Resp: 35409

Ion Ratio Lower Upper

237 100

235 62.2 41.3 81.3

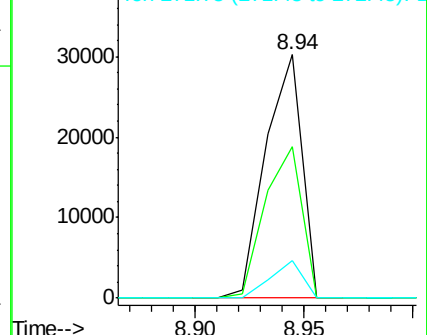
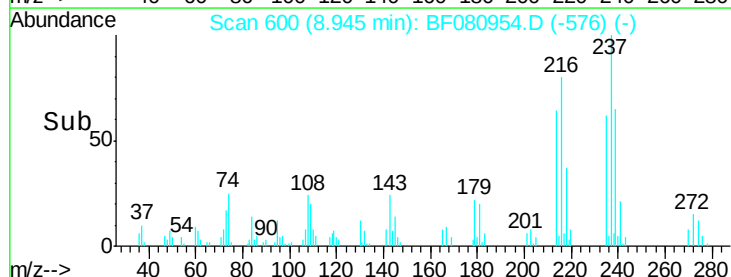
272 15.2 0.0 33.6

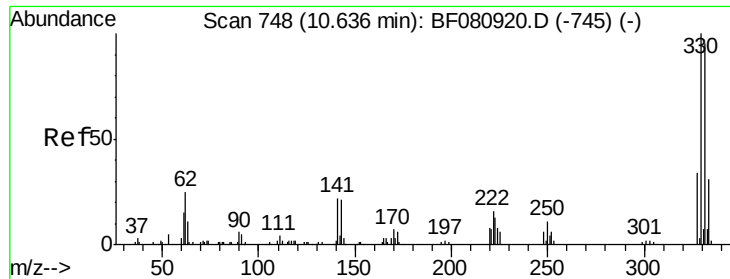


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

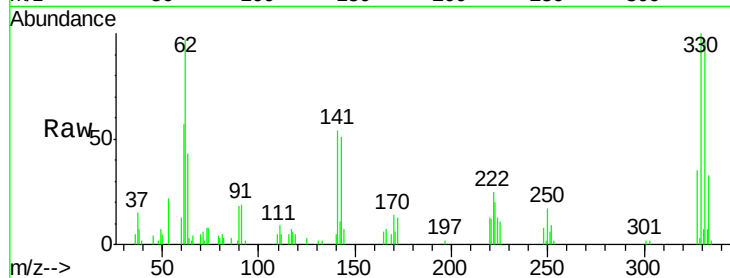




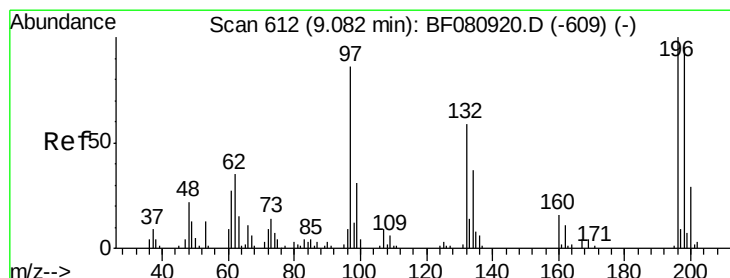
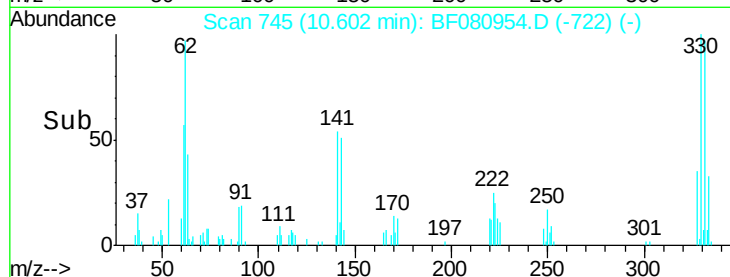
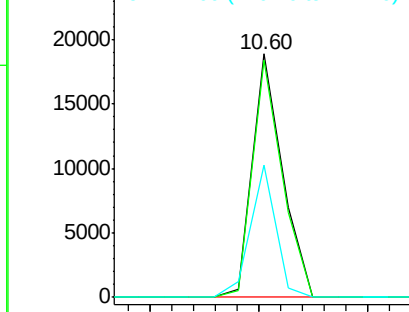
#41
 2,4,6-Tribromophenol
 Concen: 27.97 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:330 Resp: 18139
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 45.8 27.8 41.8#

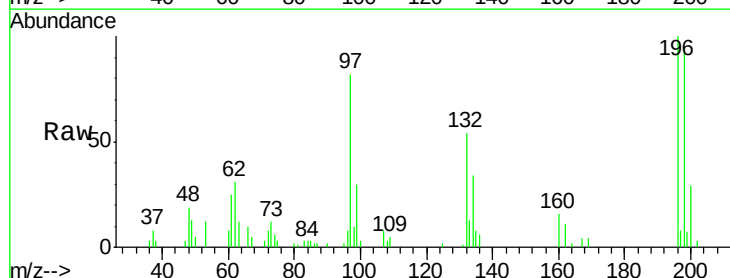


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

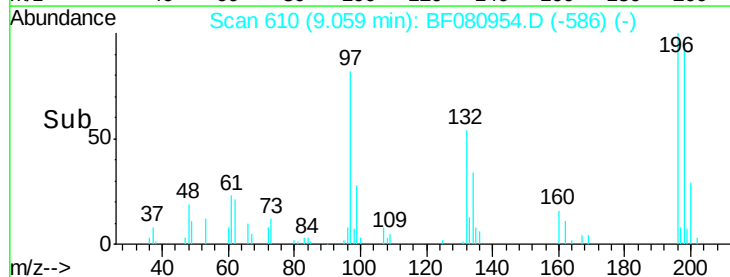
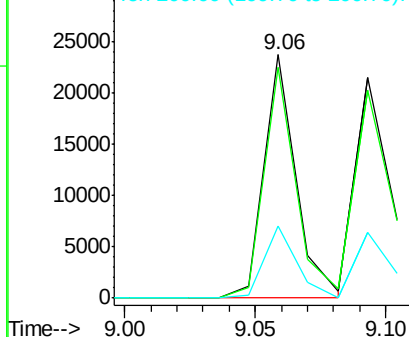


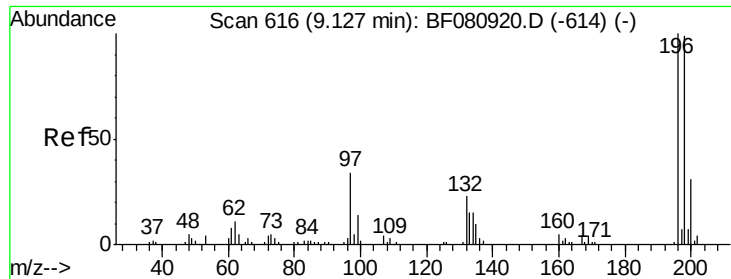
#42
 2,4,6-Trichlorophenol
 Concen: 15.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:196 Resp: 20369
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 29.4 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

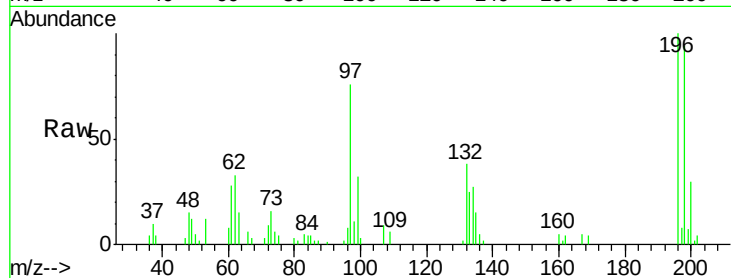




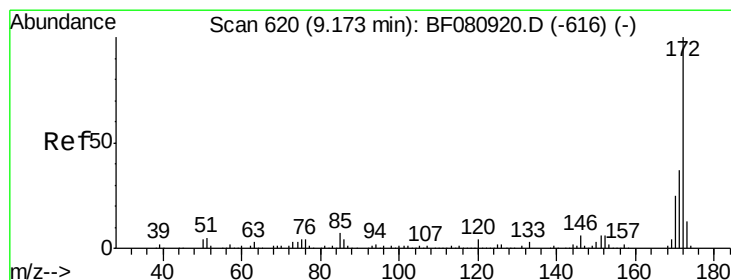
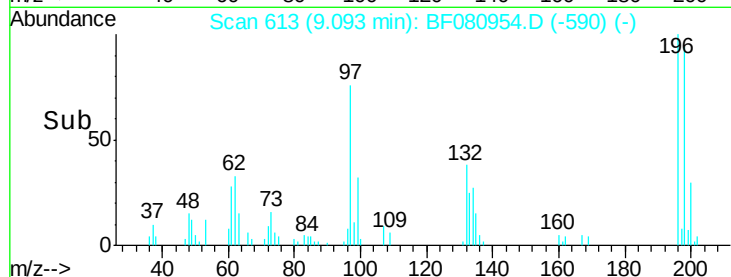
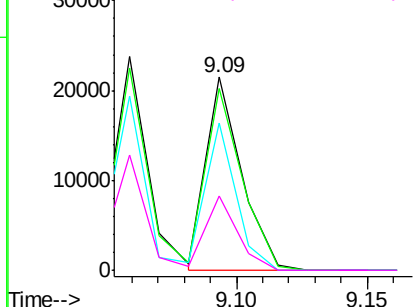
#43
 2,4,5-Trichlorophenol
 Concen: 15.14 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:196 Resp: 20354
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.9 118.3
 97 76.3 29.1 43.7#
 132 38.3 19.1 28.7#



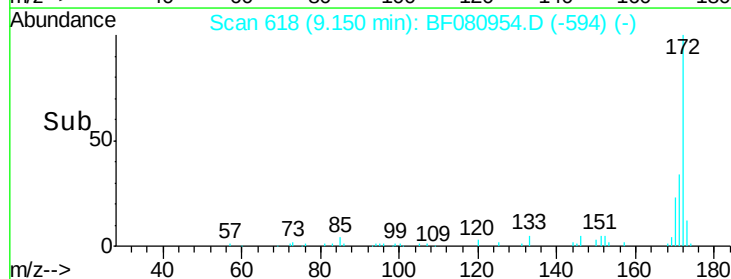
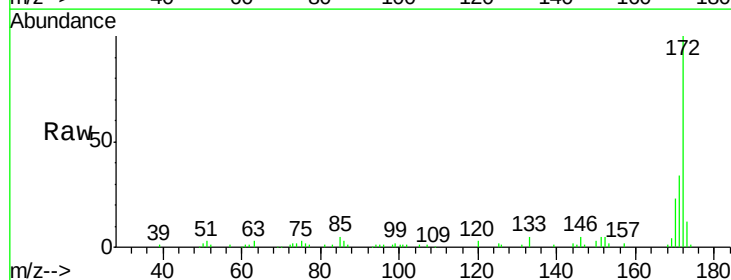
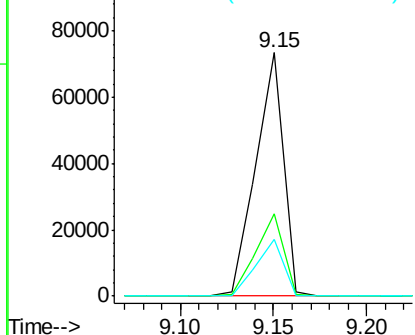
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

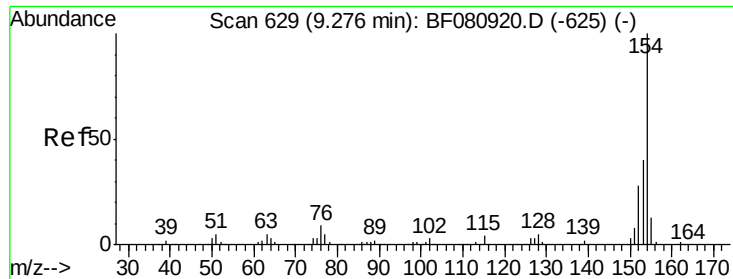


#44
 2-Fluorobiphenyl
 Concen: 17.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:172 Resp: 75099
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.4 44.0
 170 23.1 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

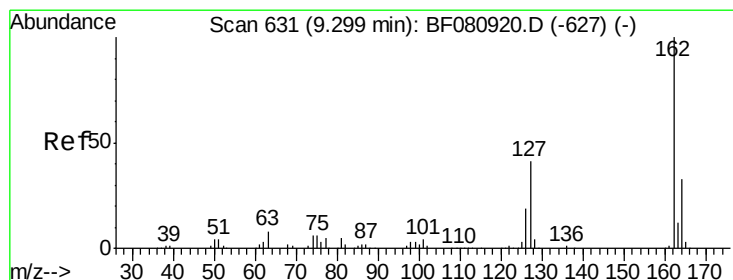
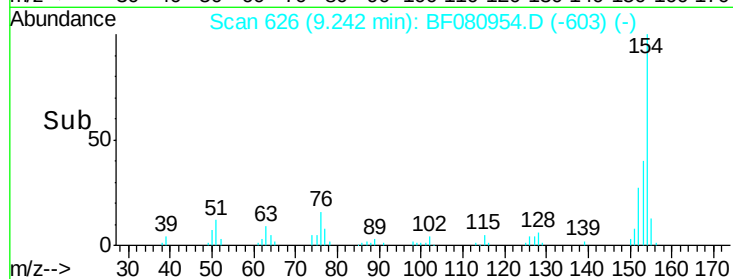
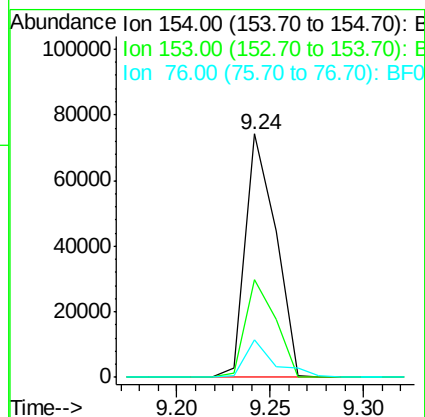
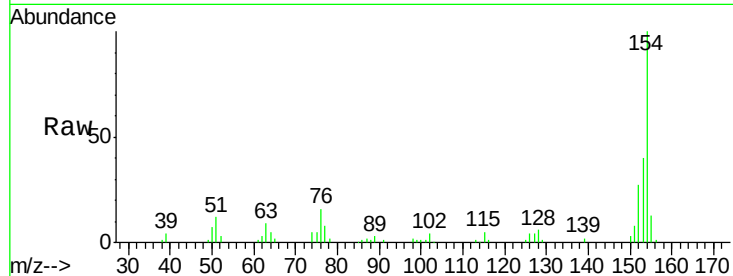




#45
 1,1'-Biphenyl
 Concen: 16.53 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

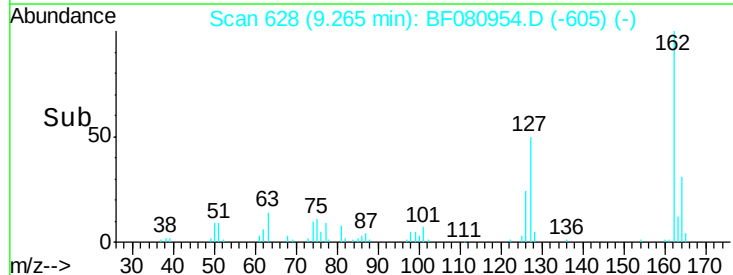
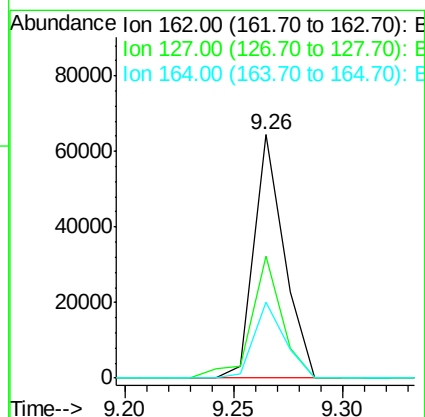
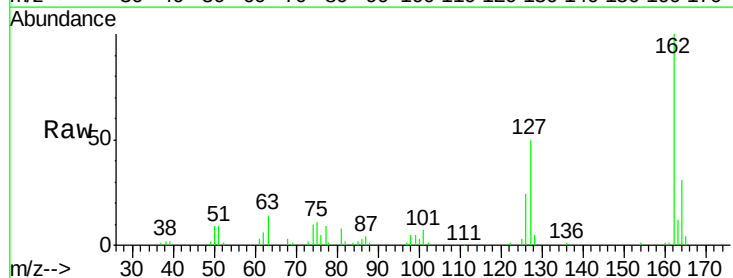
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

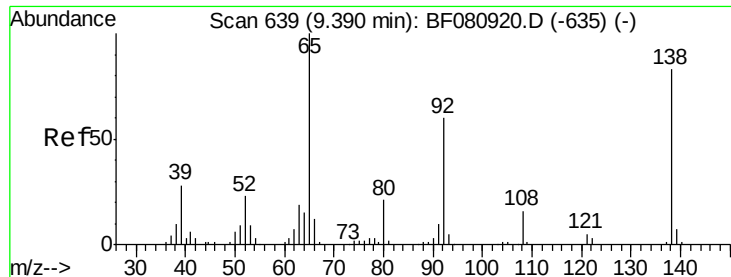
Tot Ion:154 Resp: 83735
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.1 60.1
 76 15.6 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 15.69 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:162 Resp: 61986
 Ion Ratio Lower Upper
 162 100
 127 50.0 32.5 48.7#
 164 31.1 26.2 39.4

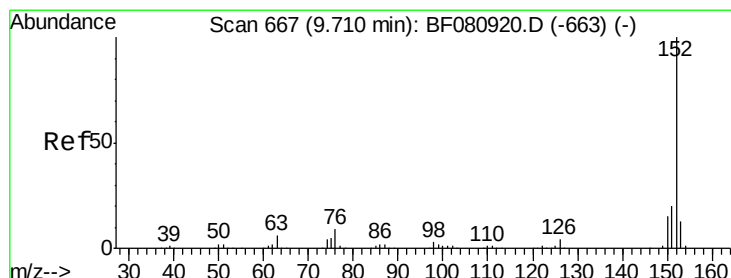
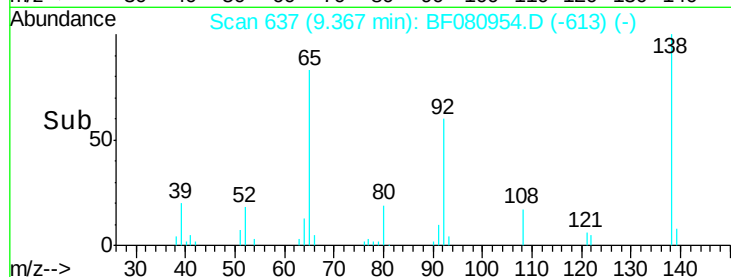
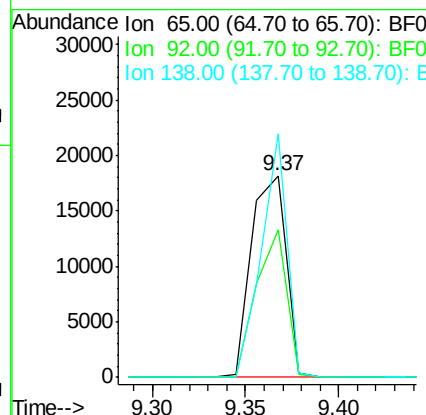
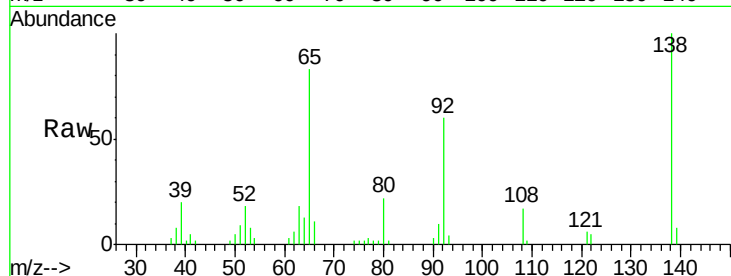




#47
2-Nitroaniline
Concen: 15.08 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

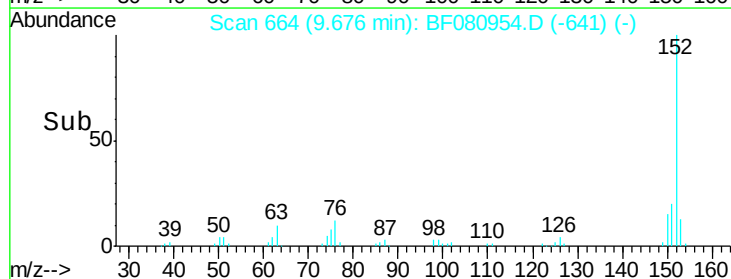
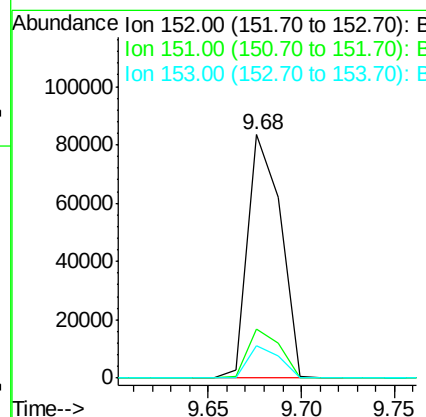
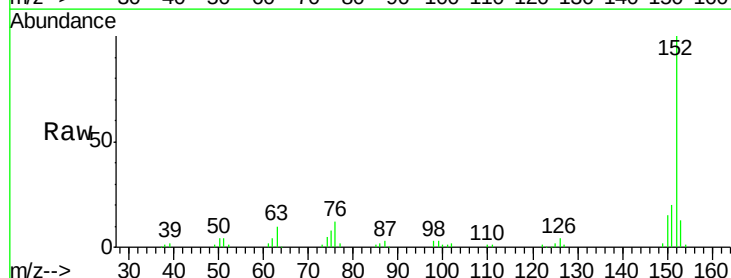
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

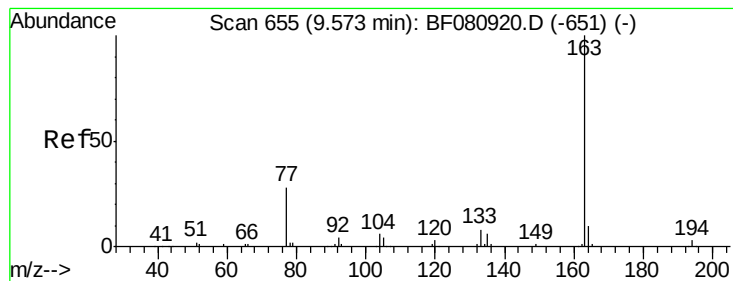
Tot Ion: 65 Resp: 23890
Ion Ratio Lower Upper
65 100
92 72.9 48.0 72.0#
138 120.6 66.1 99.1#



#48
Acenaphthylene
Concen: 14.86 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion: 152 Resp: 102011
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.2 10.5 15.7





#49

Dimethylphthalate

Concen: 15.74 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

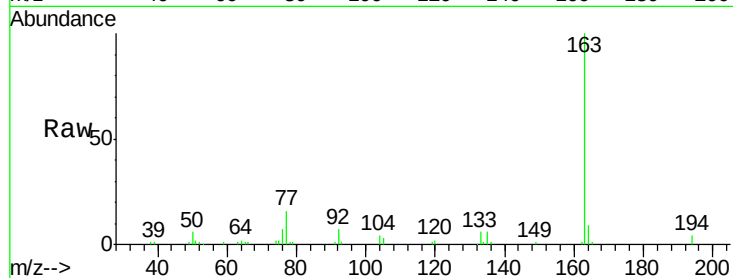
Tot Ion:163 Resp: 77206

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

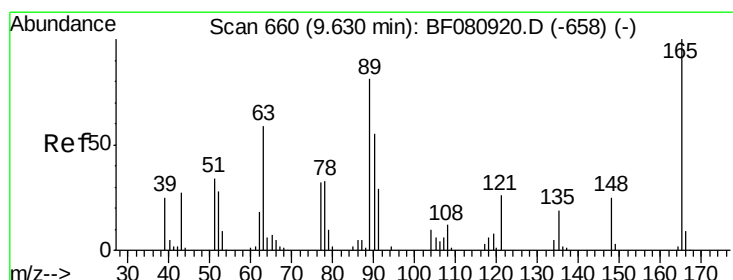
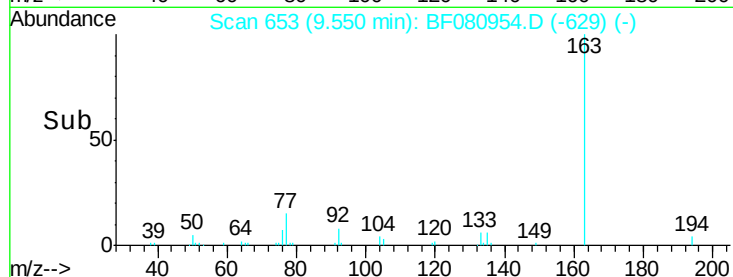
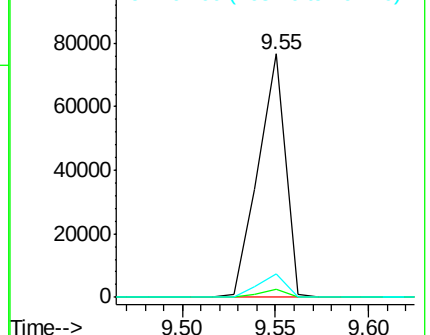
164 9.4 8.2 12.4



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: 17.34 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

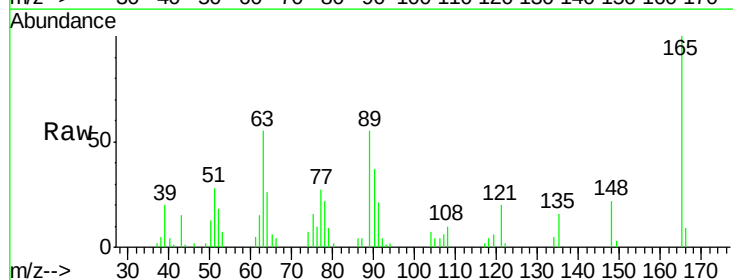
Tgt Ion:165 Resp: 17565

Ion Ratio Lower Upper

165 100

63 54.6 77.6 116.4#

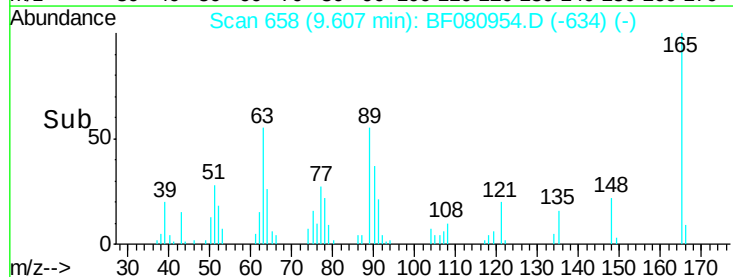
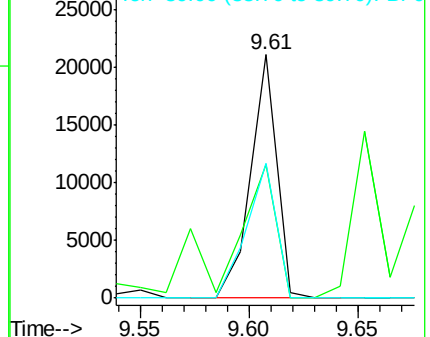
89 55.1 64.5 96.7#

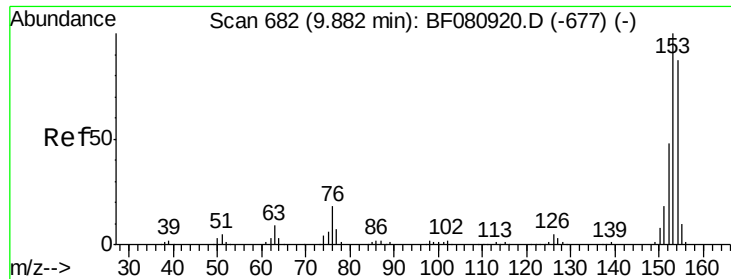


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 16.31 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

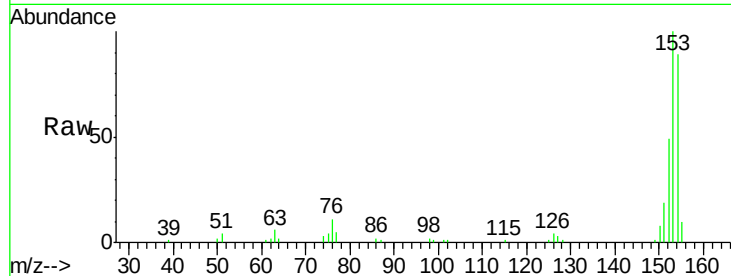
Tot Ion:154 Resp: 68603

Ion Ratio Lower Upper

154 100

153 111.9 91.4 137.2

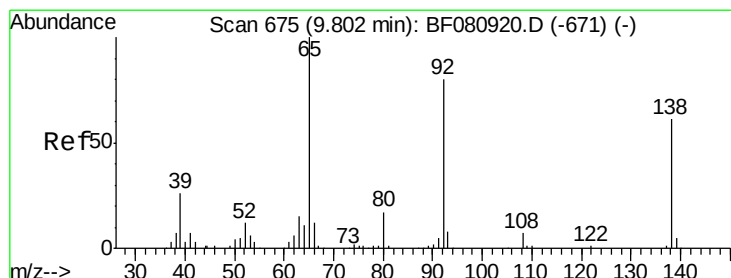
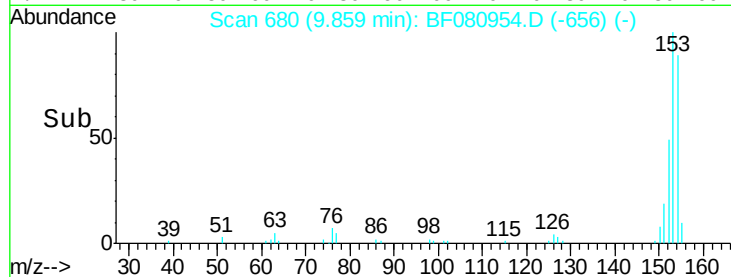
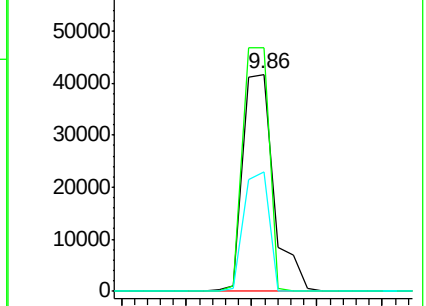
152 55.3 44.2 66.4



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: 14.62 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

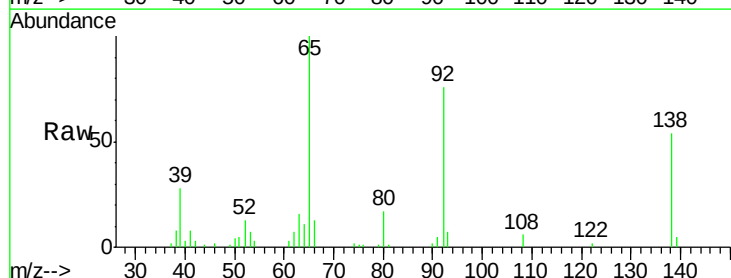
Tgt Ion:138 Resp: 18261

Ion Ratio Lower Upper

138 100

108 11.8 8.7 13.1

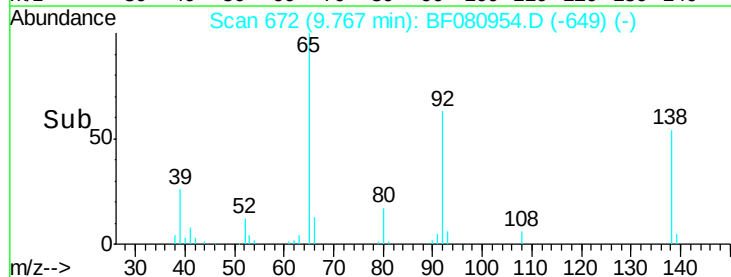
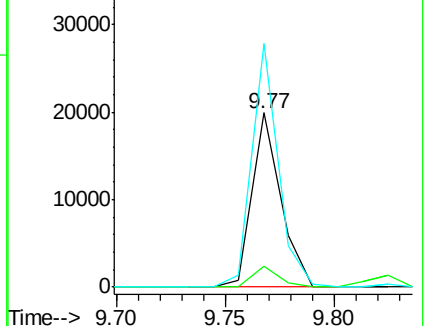
92 139.7 104.4 156.6

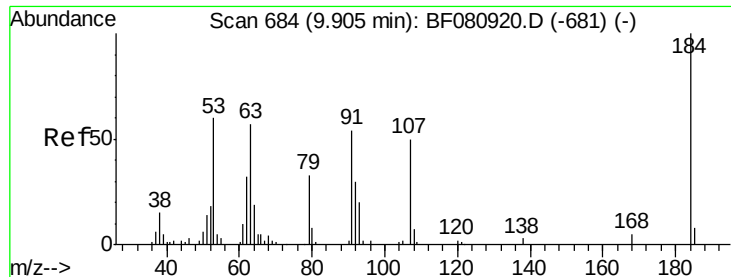


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

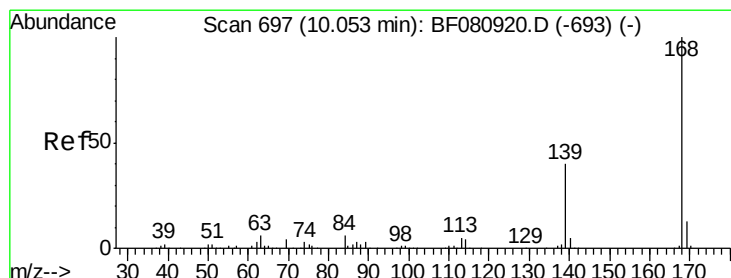
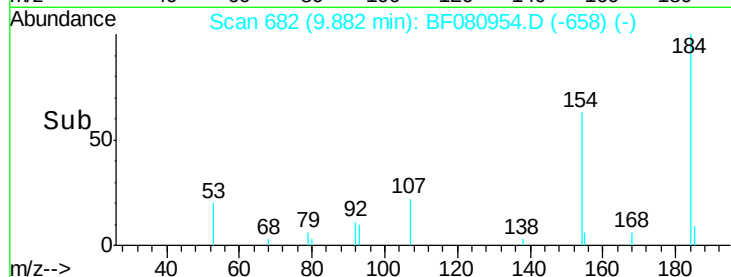
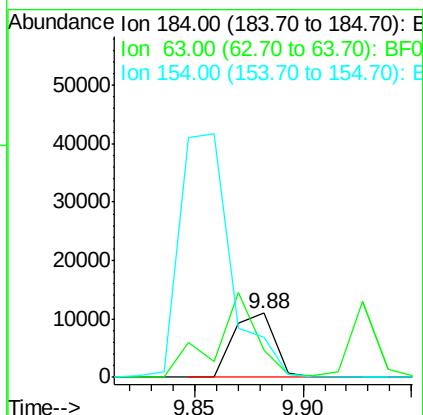
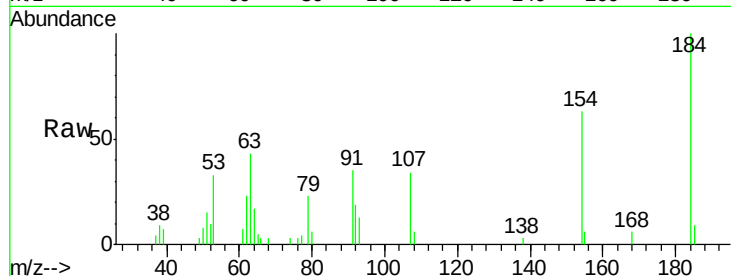




#53
2,4-Dinitrophenol
Concen: 27.72 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

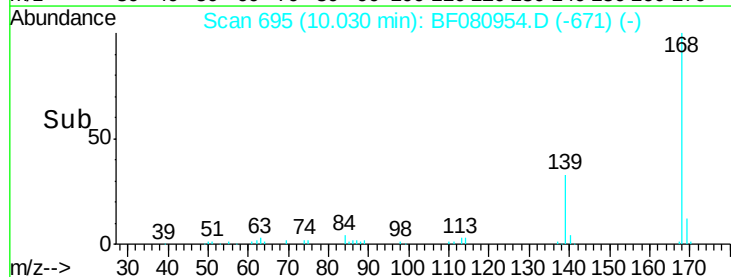
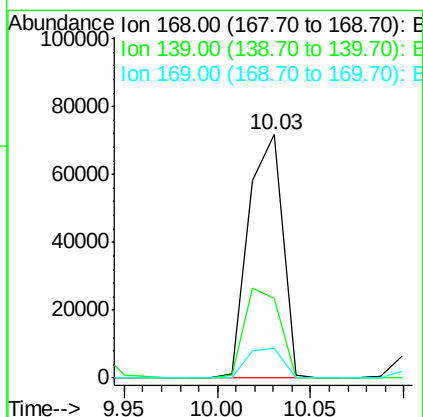
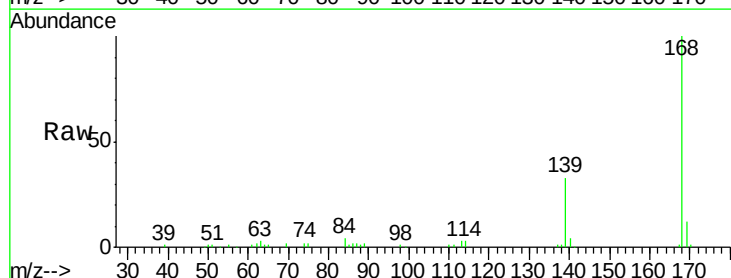
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

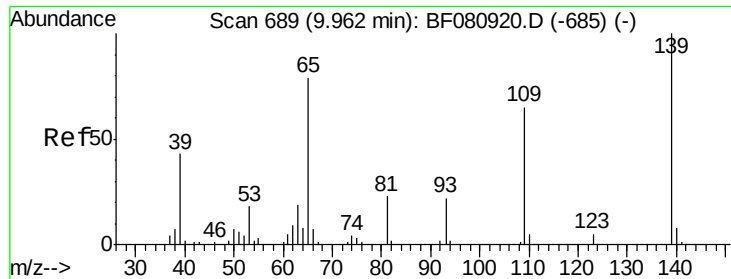
Tot Ion:184 Resp: 14389
Ion Ratio Lower Upper
184 100
63 43.4 59.7 89.5#
154 62.9 53.8 80.8



#54
Dibenzofuran
Concen: 15.90 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:168 Resp: 90411
Ion Ratio Lower Upper
168 100
139 33.0 31.9 47.9
169 12.3 10.6 15.8

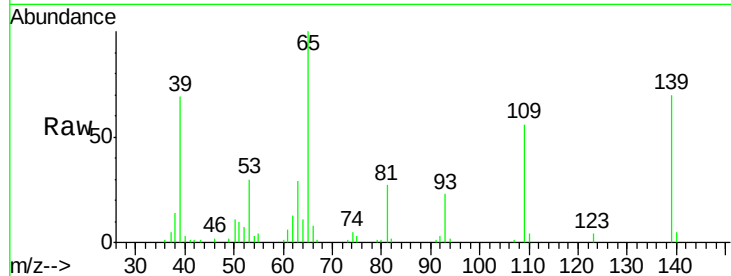




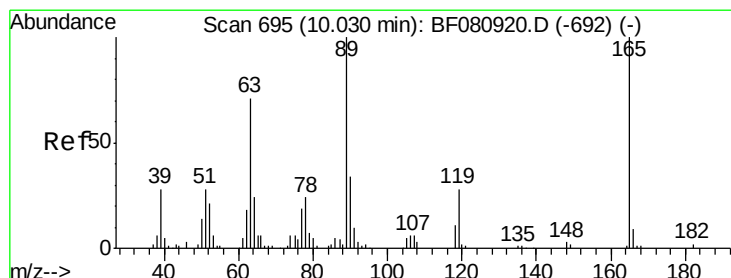
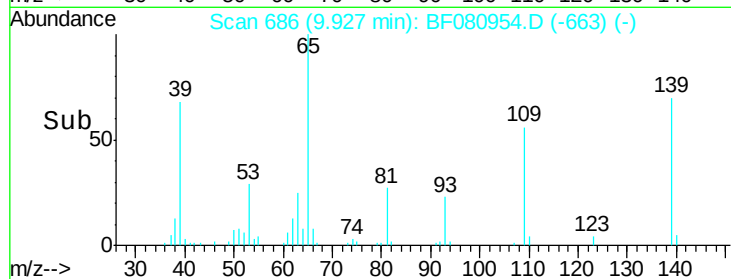
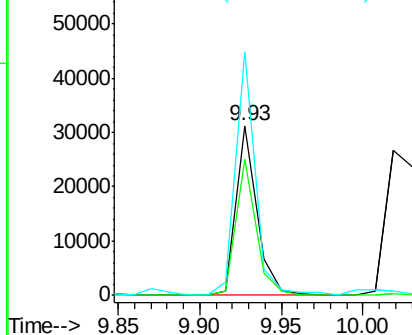
#55
4-Nitrophenol
Concen: 29.39 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:139 Resp: 27471
Ion Ratio Lower Upper
139 100
109 80.3 44.7 84.7
65 143.3 59.5 99.5#

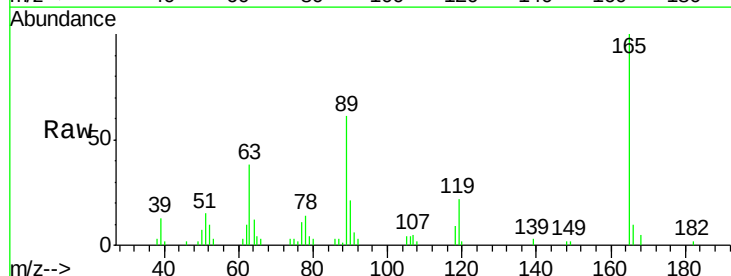


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

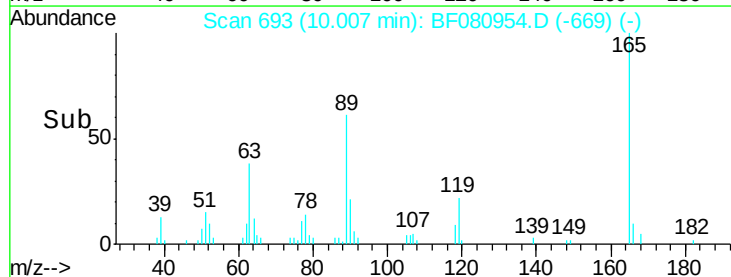
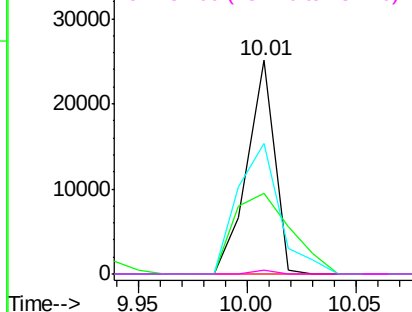


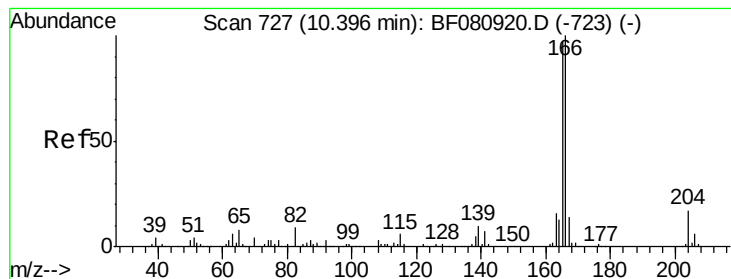
#56
2,4-Dinitrotoluene
Concen: 16.35 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:165 Resp: 22159
Ion Ratio Lower Upper
165 100
63 37.8 56.7 85.1#
89 61.2 80.4 120.6#
182 1.8 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 16.08 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

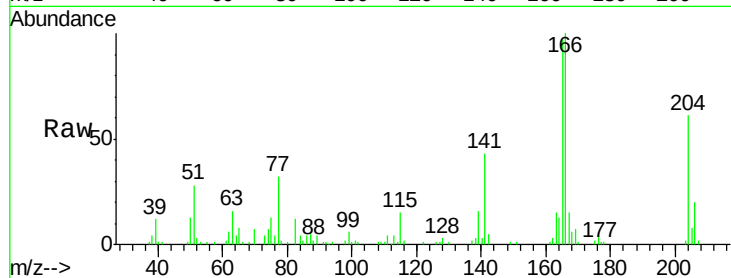
Tot Ion:166 Resp: 70741

Ion Ratio Lower Upper

166 100

165 97.3 77.2 115.8

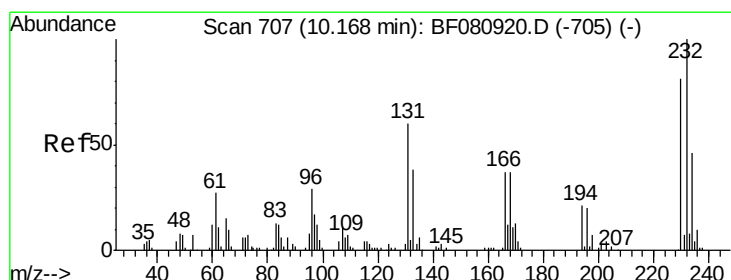
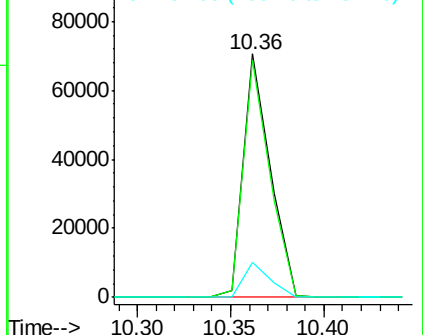
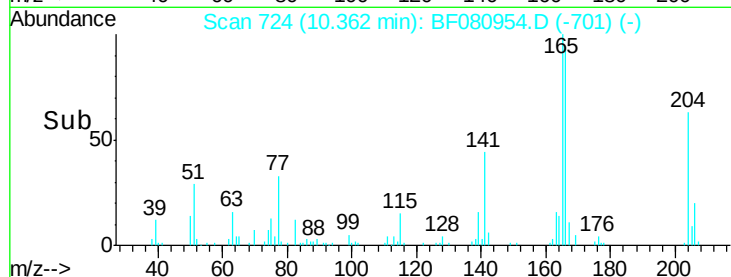
167 14.6 10.8 16.2



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: 15.92 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Tgt Ion:232 Resp: 16939

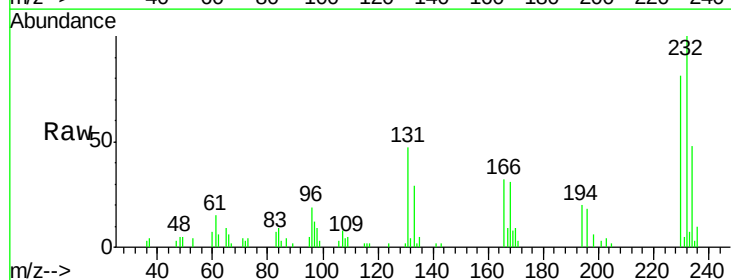
Ion Ratio Lower Upper

232 100

131 55.1 39.4 59.2

130 2.0 2.1 3.1#

166 35.1 21.7 32.5#

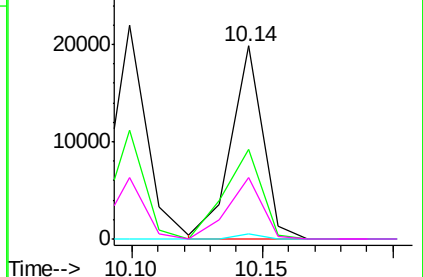
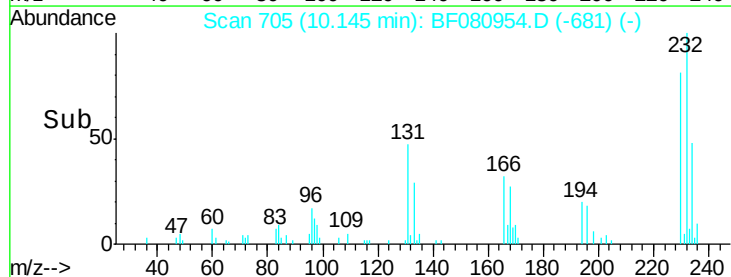


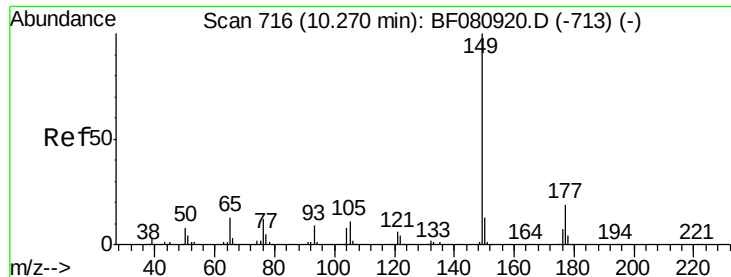
Abundance Ion 232.00 (231.70 to 232.70): E

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

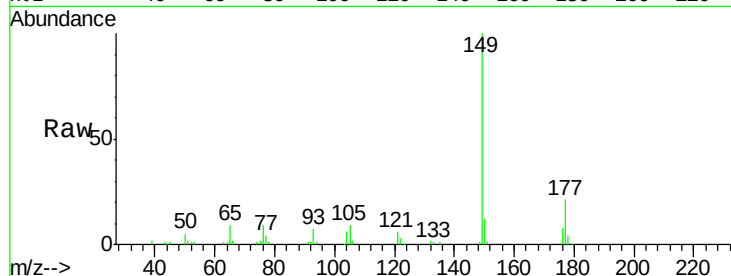




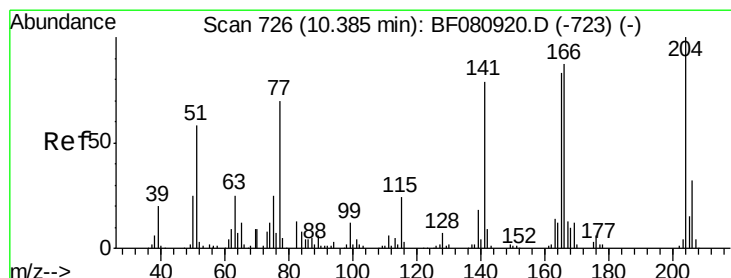
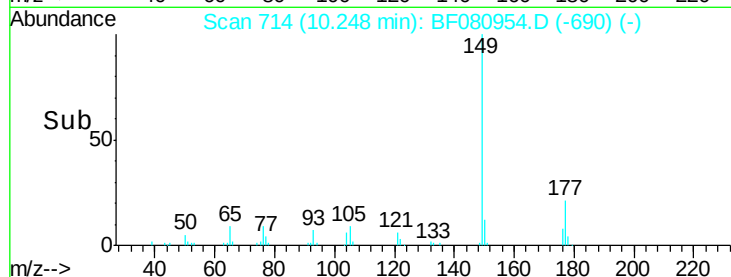
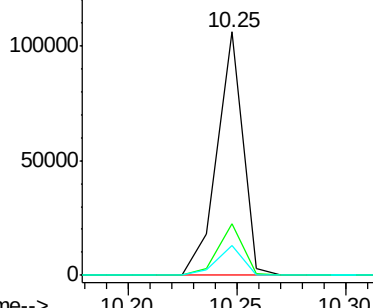
#59
Diethylphthalate
Concen: 17.13 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:149 Resp: 87426
Ion Ratio Lower Upper
149 100
177 21.1 15.0 22.4
150 12.2 10.4 15.6

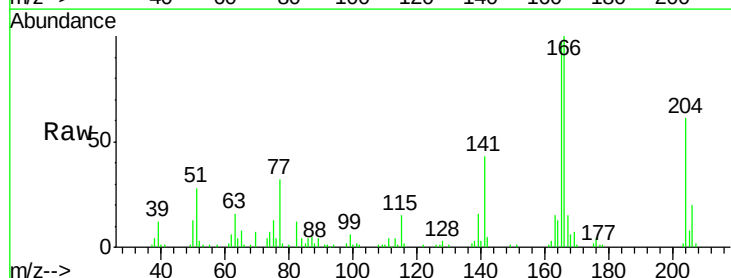


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

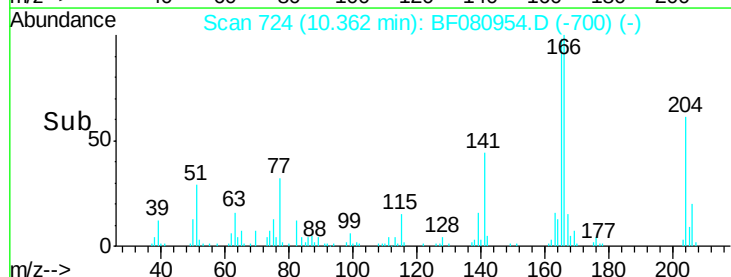
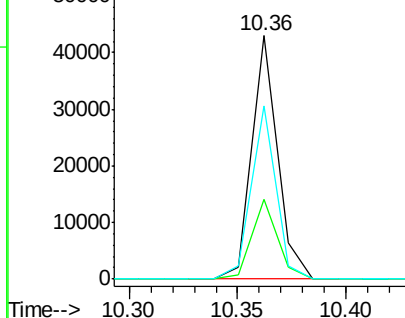


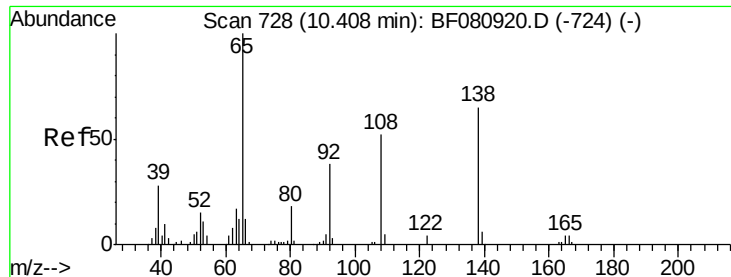
#60
4-Chlorophenyl-phenylether
Concen: 16.52 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:204 Resp: 35412
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 71.4 63.4 95.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

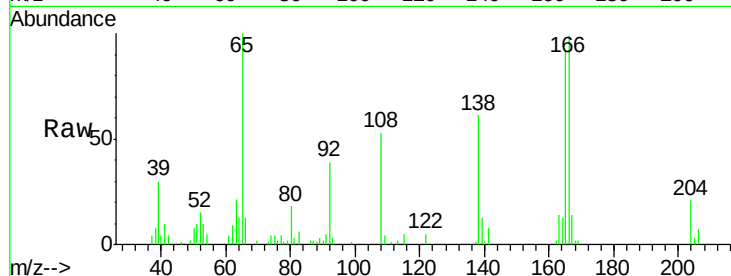




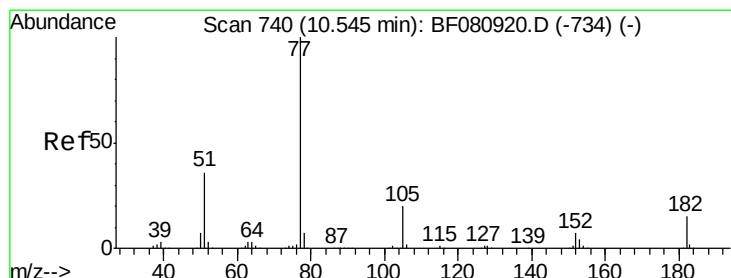
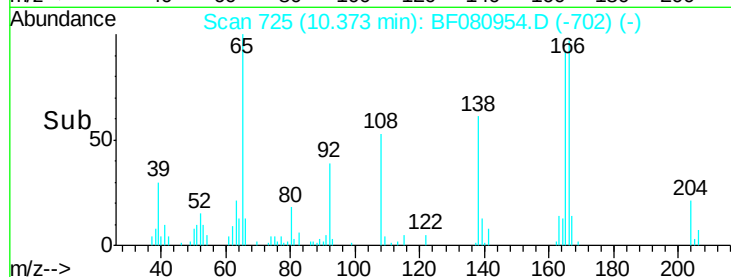
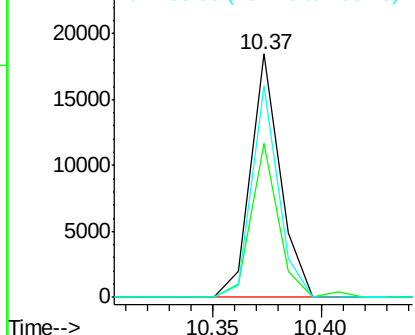
#61
4-Nitroaniline
Concen: 13.52 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:138 Resp: 17368
Ion Ratio Lower Upper
138 100
92 63.4 38.1 78.1
108 86.9 59.9 99.9

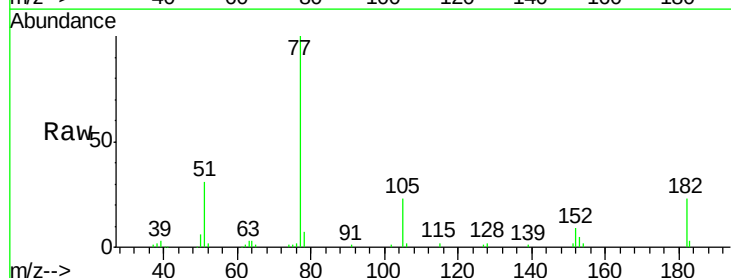


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

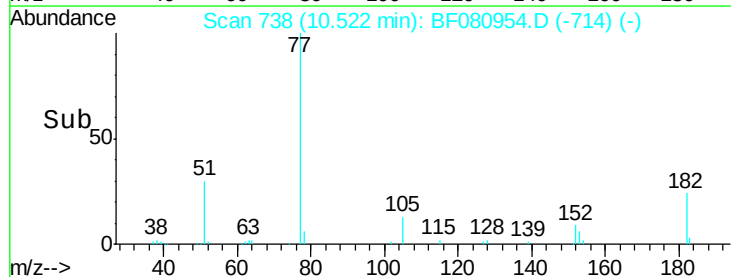
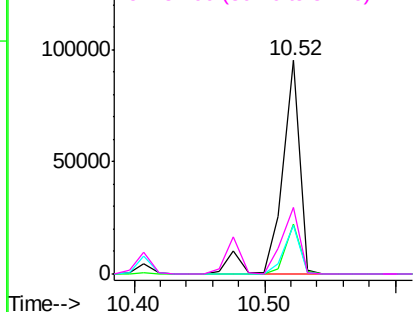


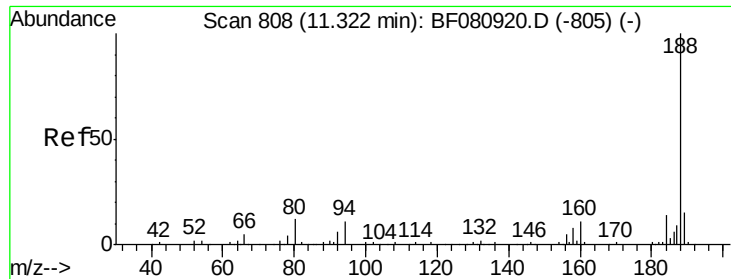
#62
Azobenzene
Concen: 16.28 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion: 77 Resp: 92921
Ion Ratio Lower Upper
77 100
182 23.1 0.0 35.5
105 22.6 0.5 40.5
51 31.5 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

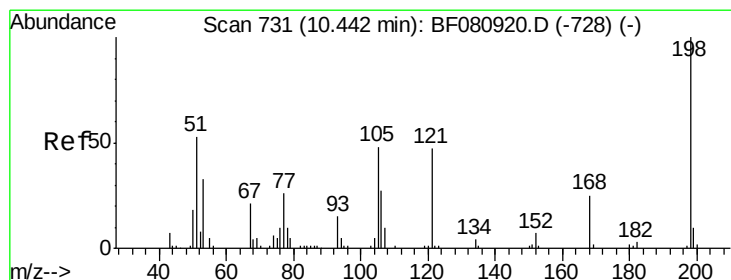
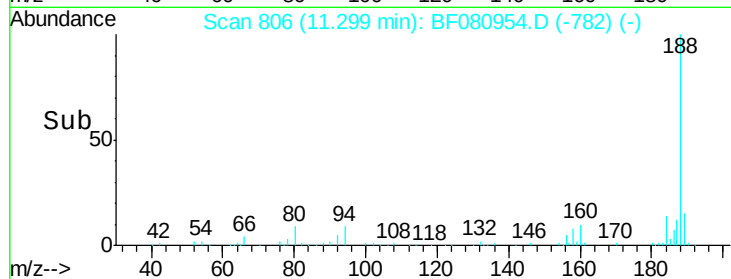
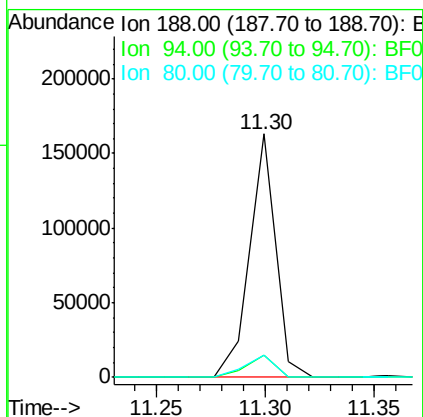
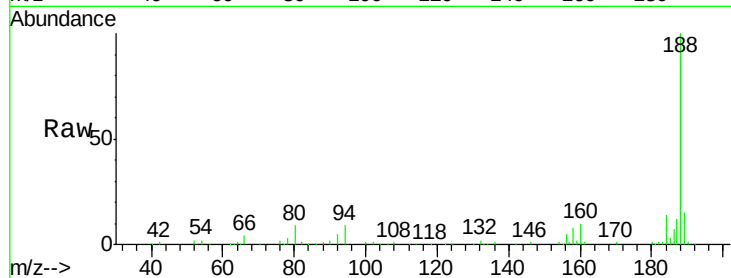




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

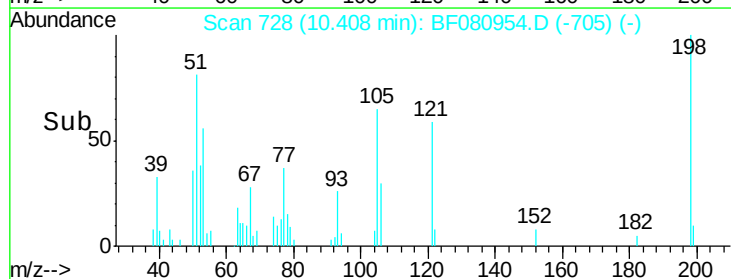
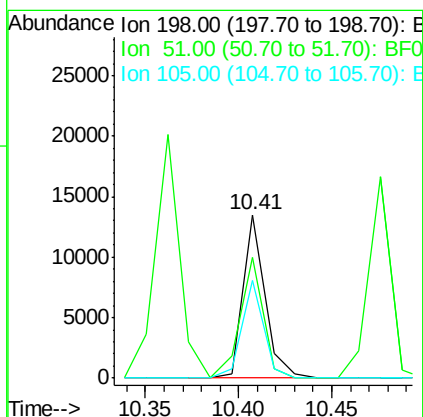
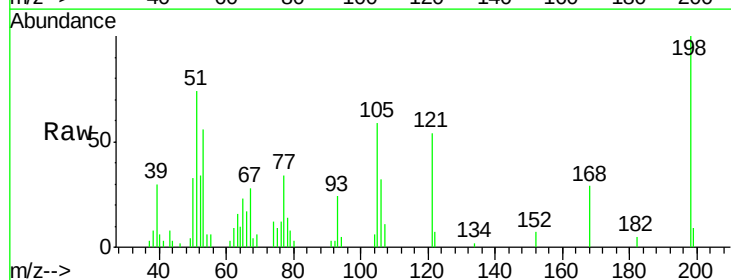
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

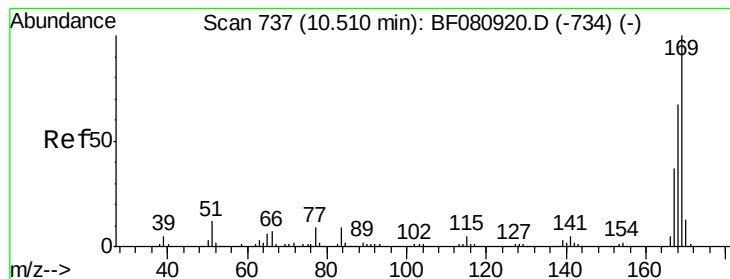
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.8	13.2
80	9.2	9.5	14.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.24 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	73.9	40.3	80.3
105	59.4	29.6	69.6

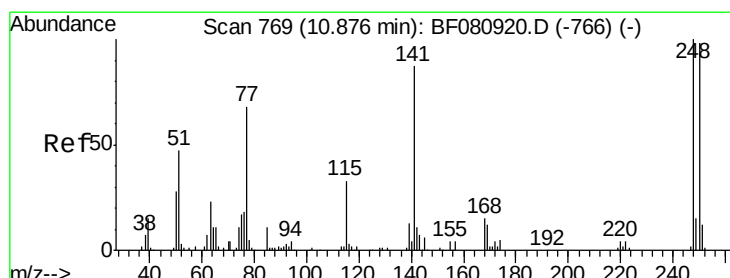
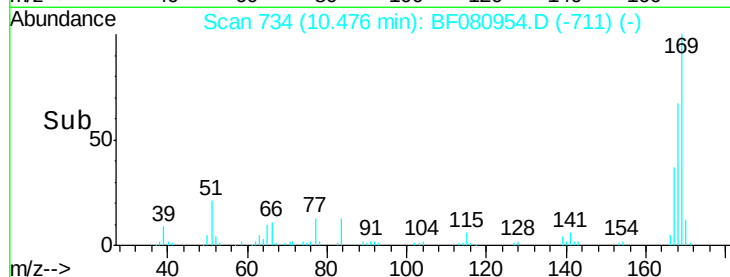
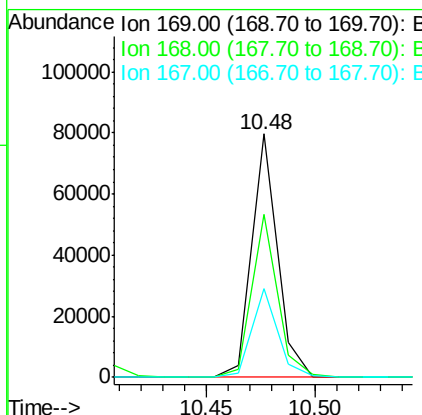
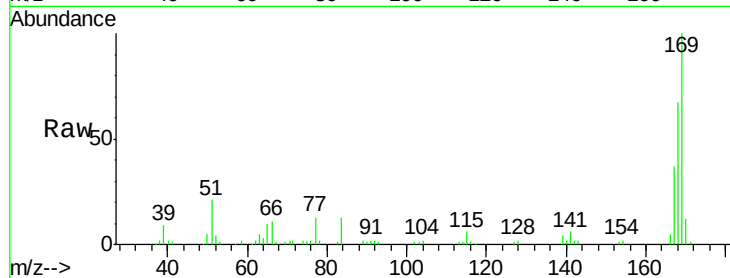




#65
 n-Nitrosodiphenylamine
 Concen: 13.73 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

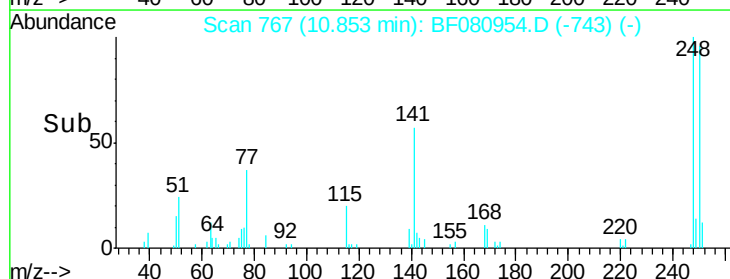
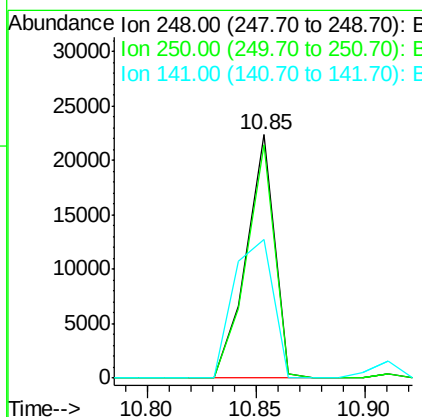
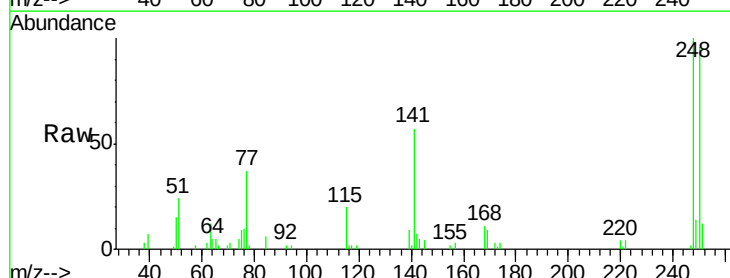
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

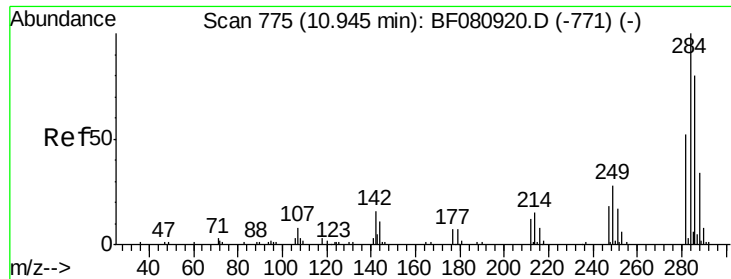
Tot Ion:169 Resp: 64961
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.7 80.5
 167 36.6 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 13.98 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:248 Resp: 20155
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.1 117.1
 141 57.2 69.6 104.4#





#67

Hexachlorobenzene

Concen: 14.88 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

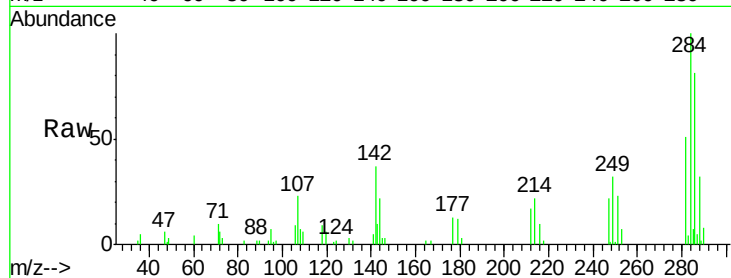
Tot Ion:284 Resp: 23854

Ion Ratio Lower Upper

284 100

142 36.7 12.8 19.2#

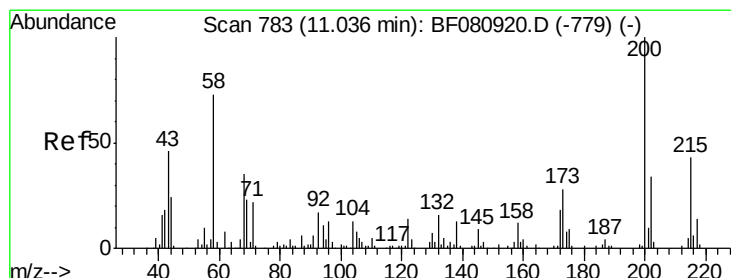
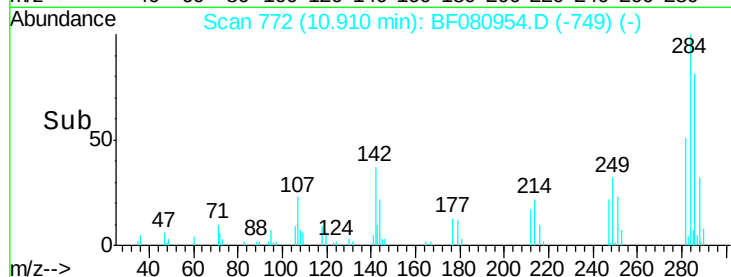
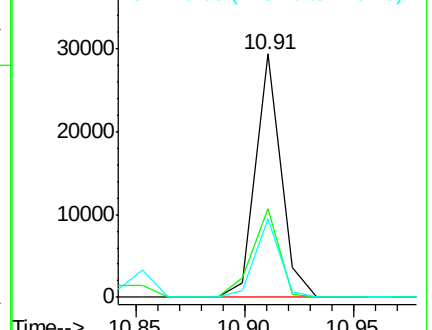
249 32.1 22.5 33.7



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: 13.22 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

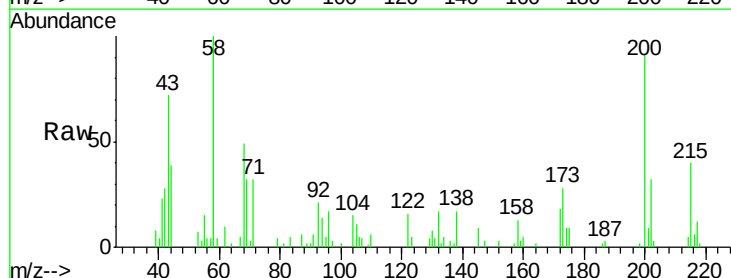
Tgt Ion:200 Resp: 18334

Ion Ratio Lower Upper

200 100

173 30.8 8.4 48.4

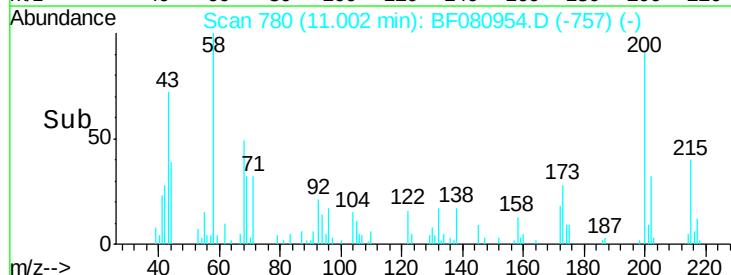
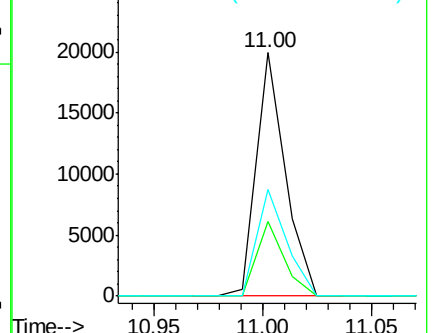
215 43.6 22.7 62.7

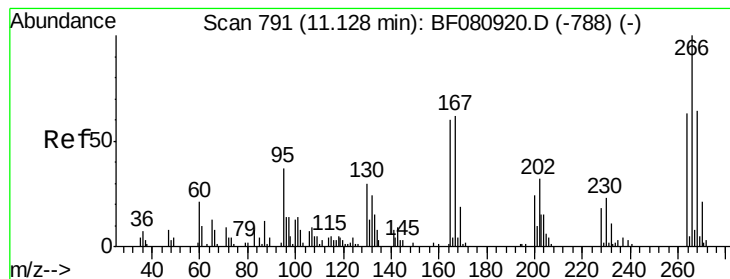


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 27.22 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

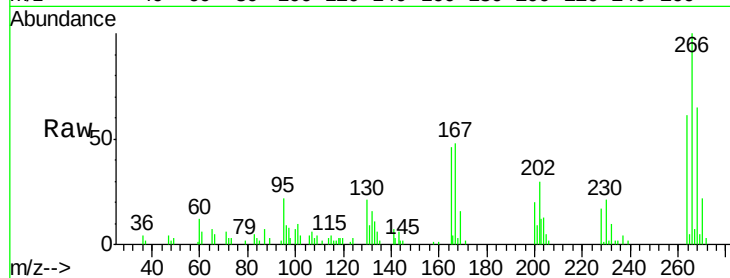
Tot Ion:266 Resp: 25374

Ion Ratio Lower Upper

266 100

268 64.7 51.6 77.4

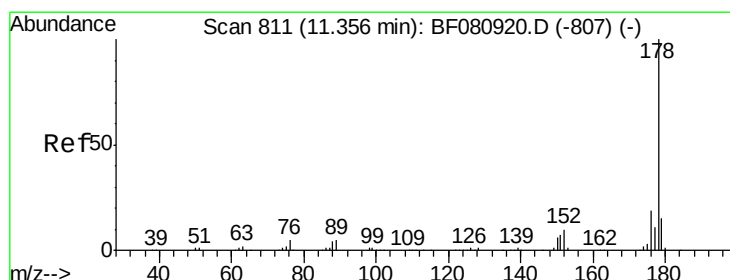
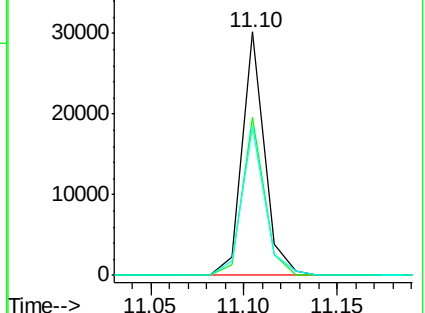
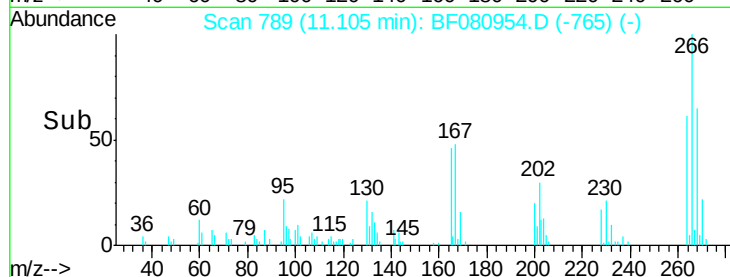
264 61.1 50.1 75.1



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: 15.86 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

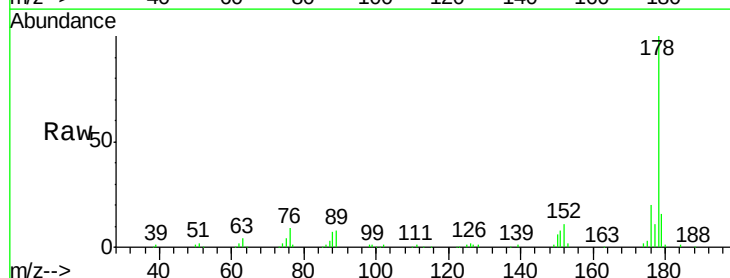
Tgt Ion:178 Resp: 122297

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

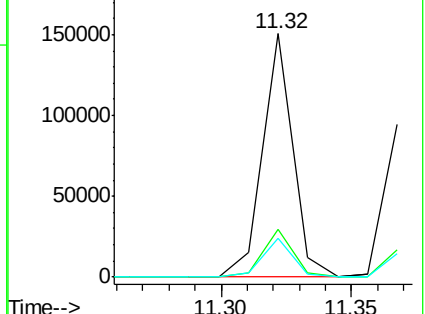
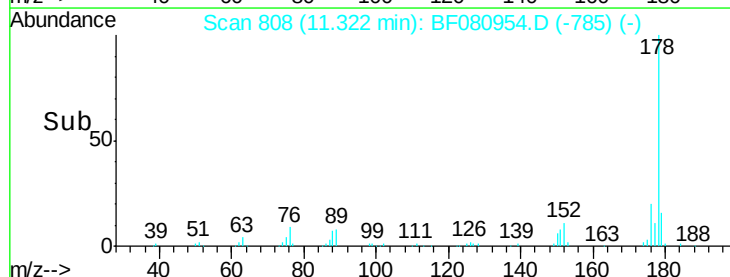
179 15.9 11.9 17.9

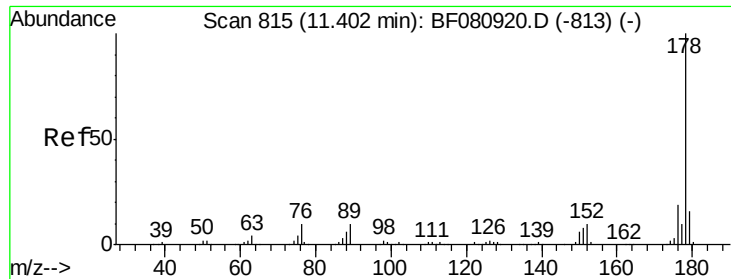


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

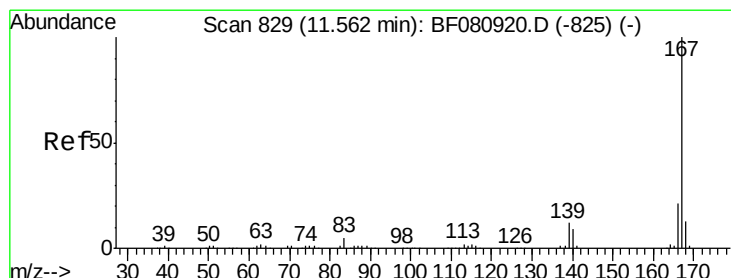
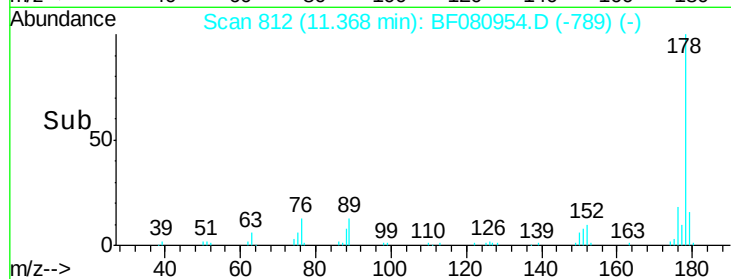
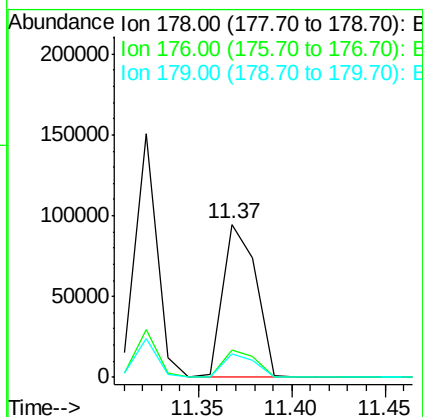
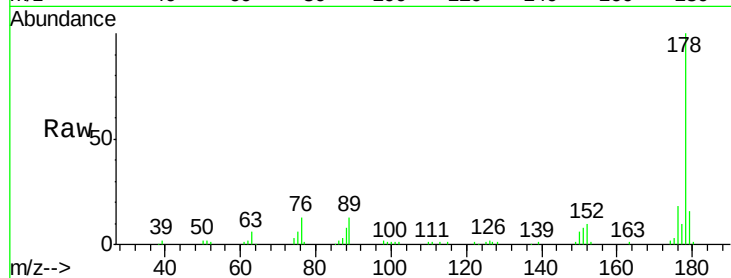




#71
 Anthracene
 Concen: 15.44 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

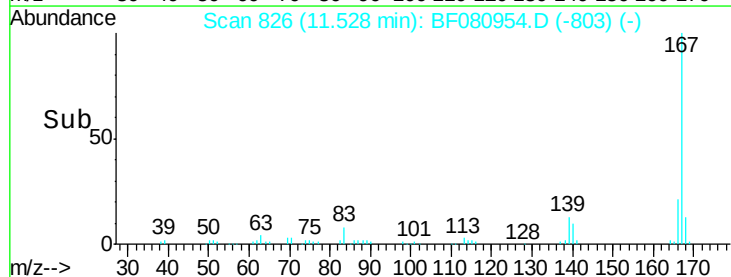
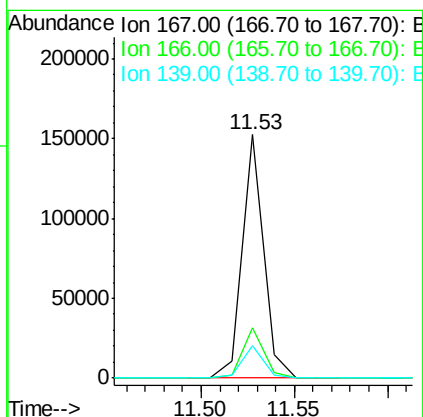
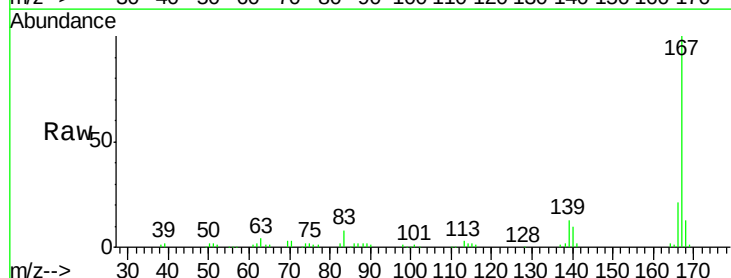
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

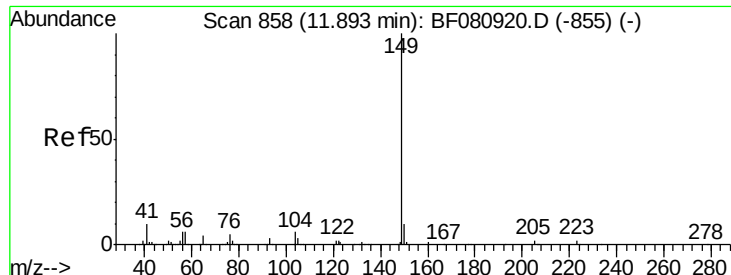
Tot Ion:178 Resp: 117833
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.5 23.3
 179 15.8 12.6 18.8



#72
 Carbazole
 Concen: 16.46 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:167 Resp: 122303
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 13.3 9.2 13.8





#73

Di-n-butylphthalate

Concen: 15.76 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

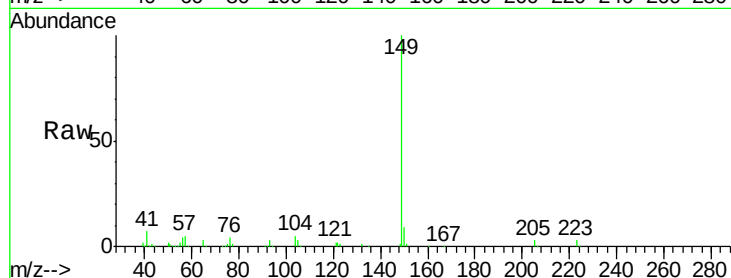
Tot Ion:149 Resp: 146458

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

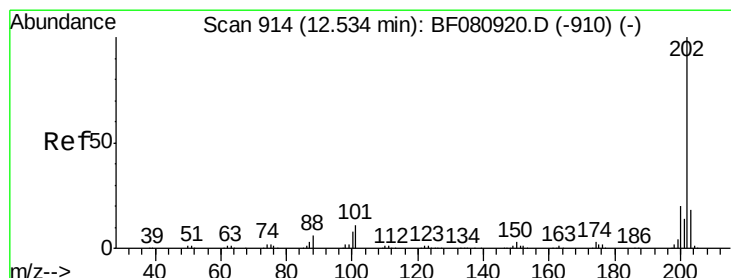
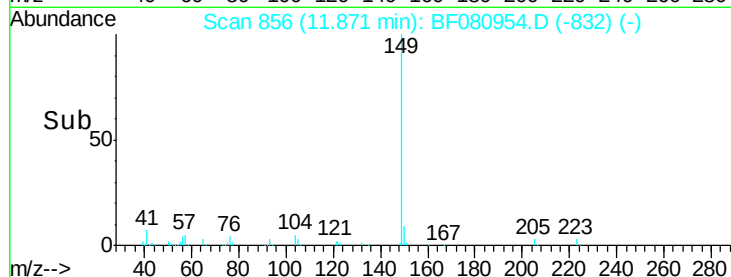
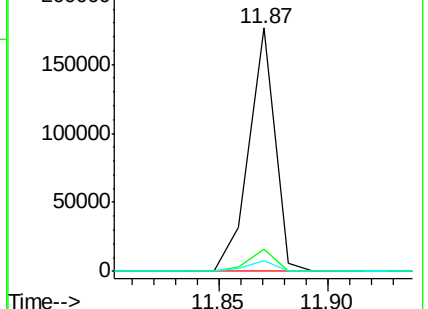
104 4.5 4.4 6.6



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: 12.76 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

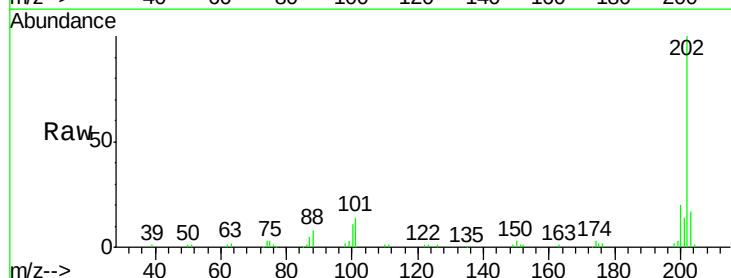
Tgt Ion:202 Resp: 106382

Ion Ratio Lower Upper

202 100

101 14.1 0.0 30.5

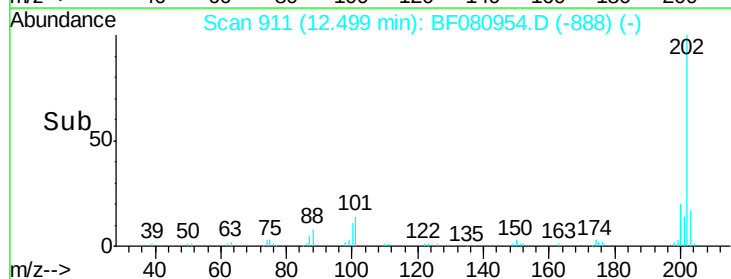
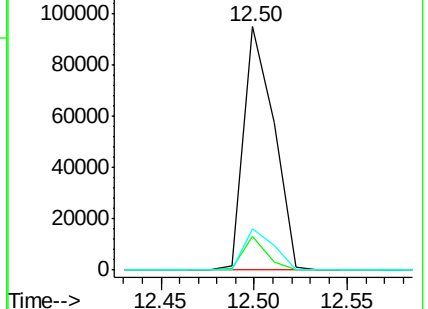
203 17.1 0.0 37.7

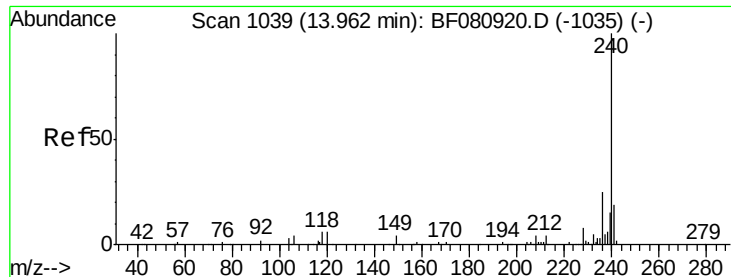


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

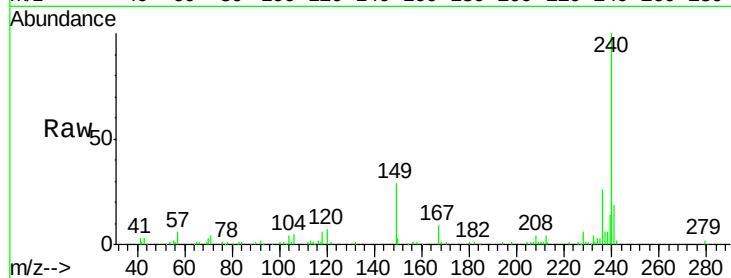
Tot Ion:240 Resp: 98995

Ion Ratio Lower Upper

240 100

120 7.0 5.2 7.8

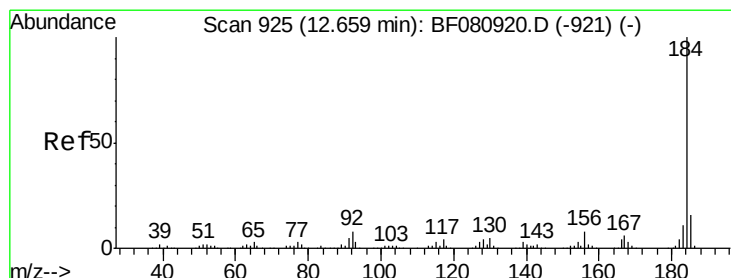
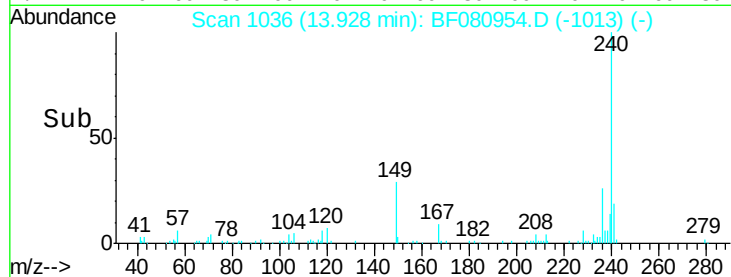
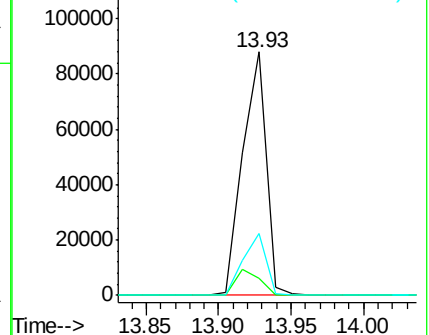
236 25.5 20.2 30.4



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: 27.32 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

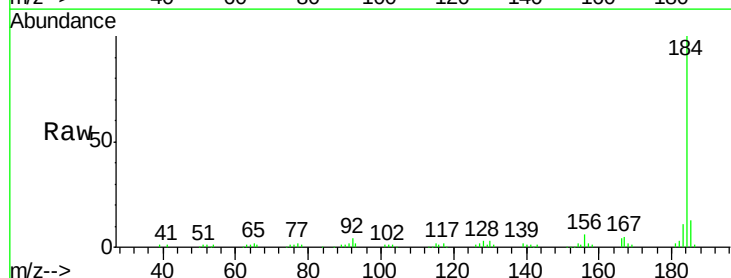
Tgt Ion:184 Resp: 132657

Ion Ratio Lower Upper

184 100

185 13.2 13.0 19.4

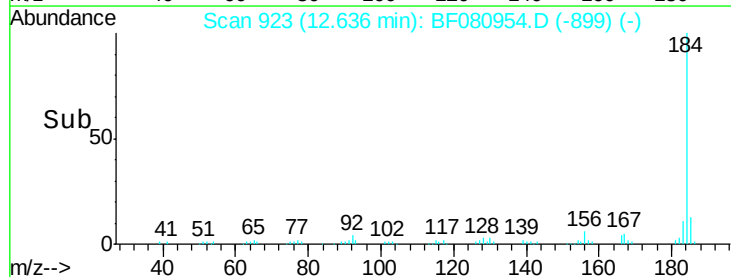
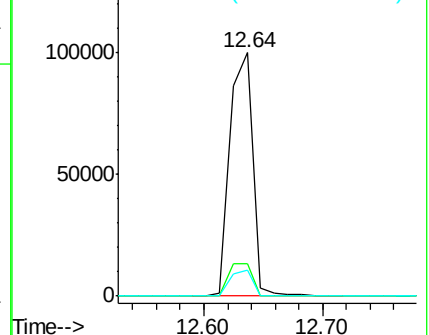
183 10.7 8.7 13.1

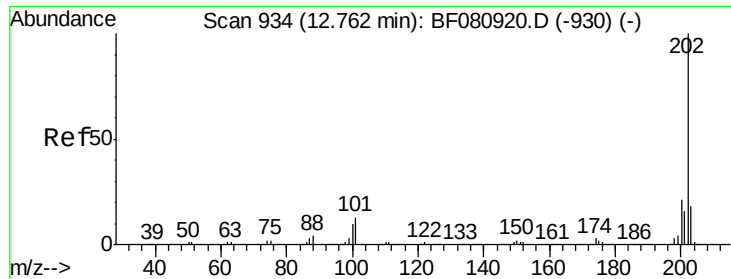


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 15.17 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

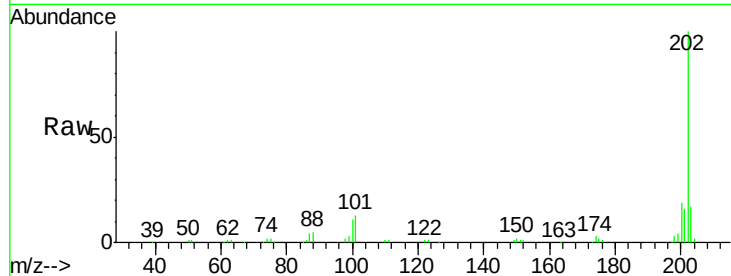
Tot Ion:202 Resp: 110908

Ion Ratio Lower Upper

202 100

200 19.4 16.6 24.8

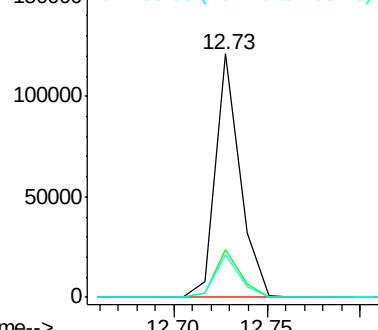
203 17.4 14.2 21.2



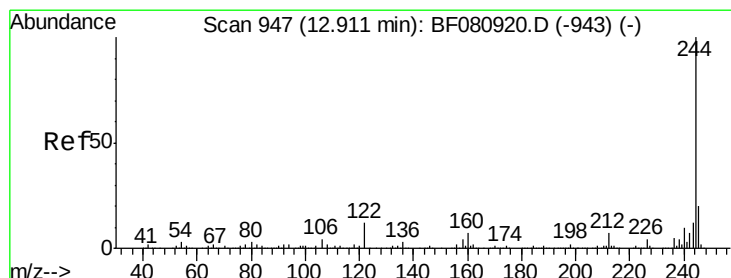
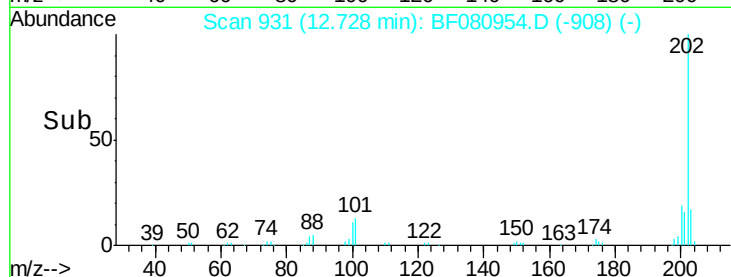
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 17.00 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

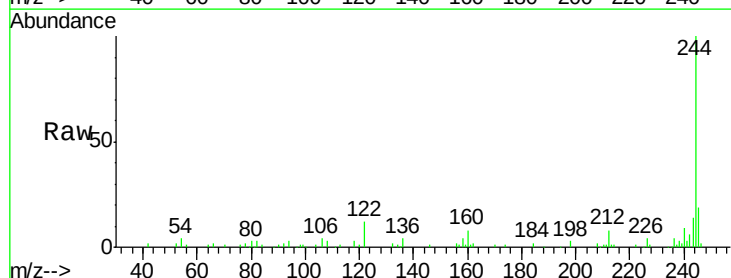
Tgt Ion:244 Resp: 81500

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

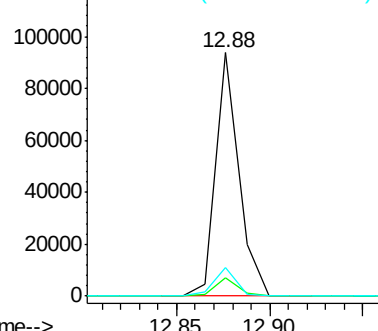
122 11.9 9.4 14.2



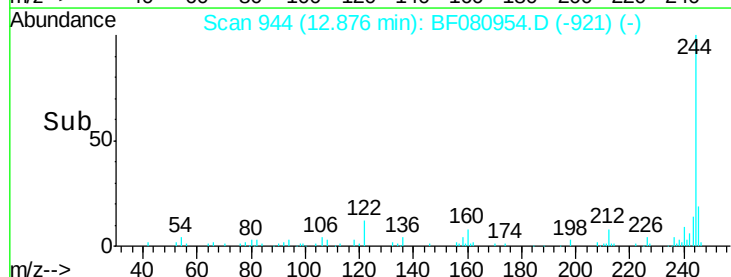
Abundance Ion 244.00 (243.70 to 244.70): E

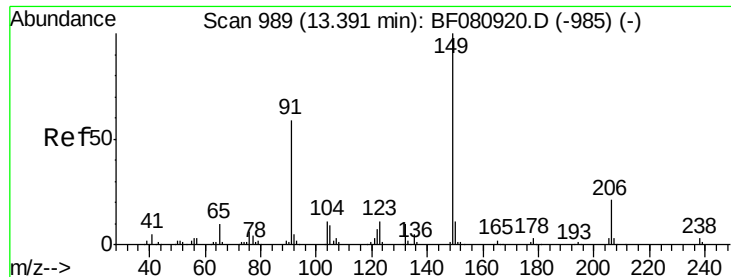
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

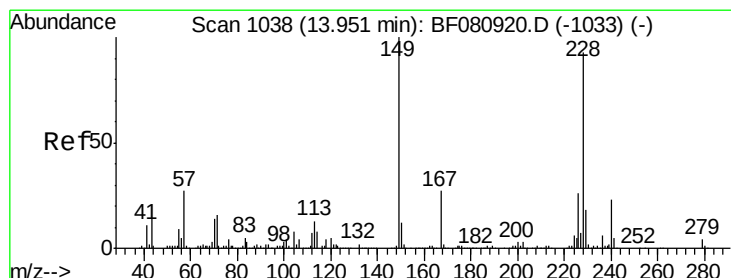
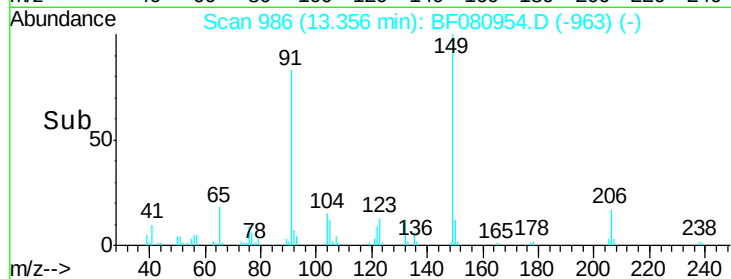
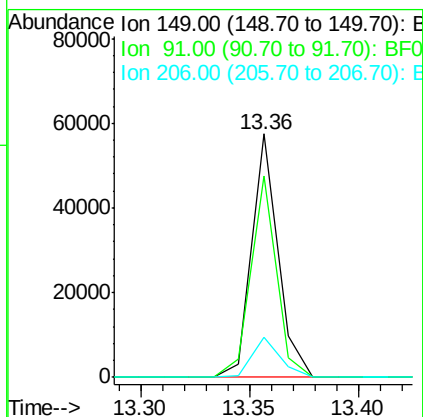
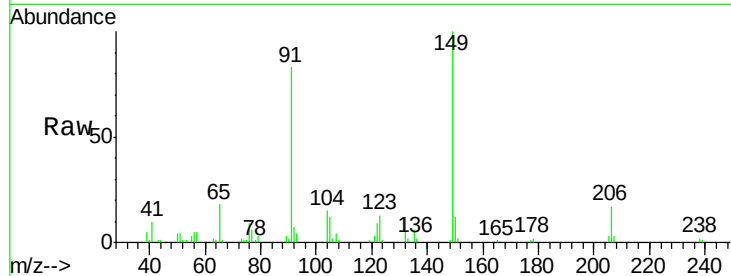




#79
Butylbenzylphthalate
Concen: 13.73 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

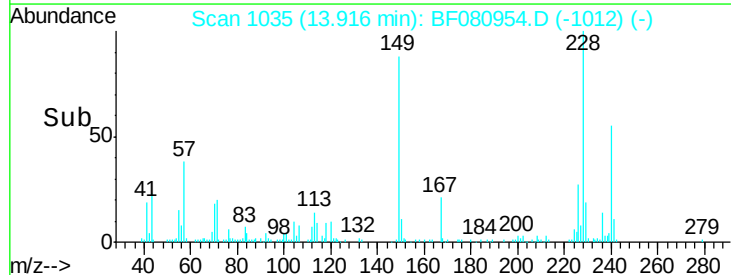
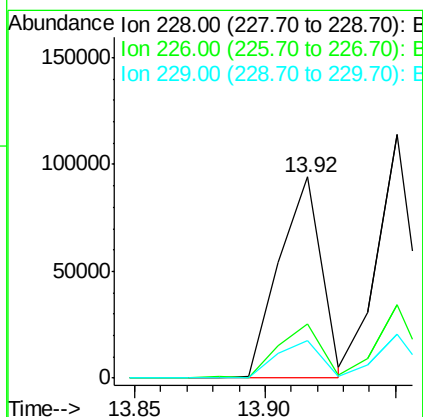
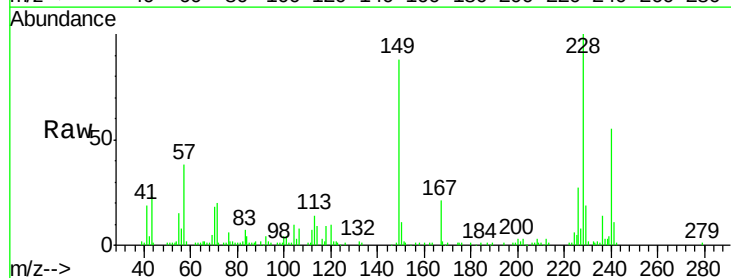
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

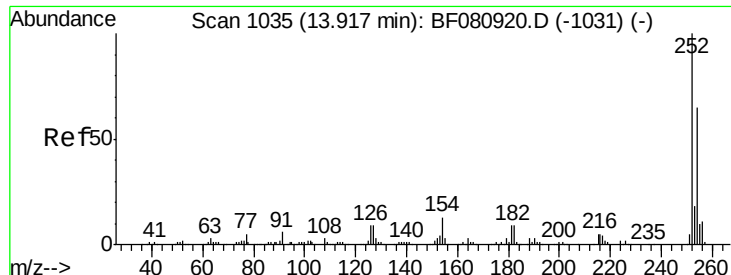
Tot Ion:149 Resp: 48407
Ion Ratio Lower Upper
149 100
91 82.5 47.2 70.8#
206 16.6 16.5 24.7



#80
Benzo(a)anthracene
Concen: 16.89 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:228 Resp: 105640
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.2
229 18.9 15.8 23.6

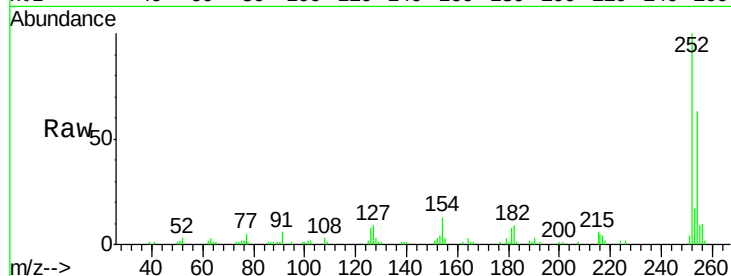




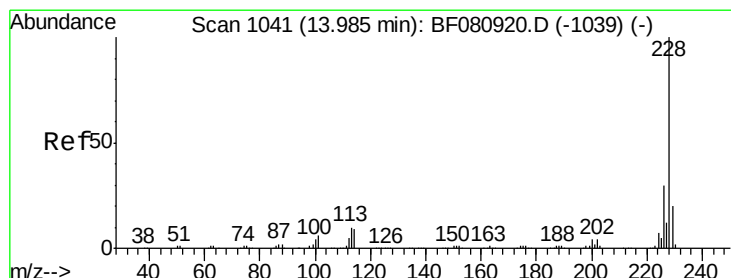
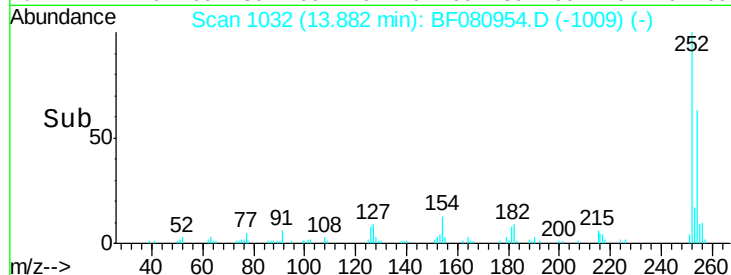
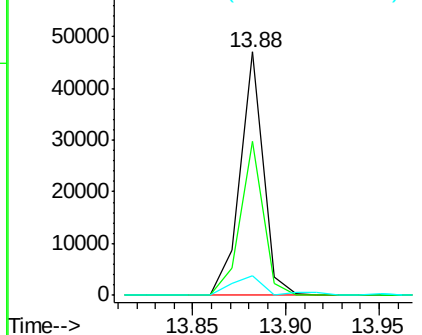
#81
 3,3'-Dichlorobenzidine
 Concen: 18.01 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:252 Resp: 40973
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 8.0 7.1 10.7

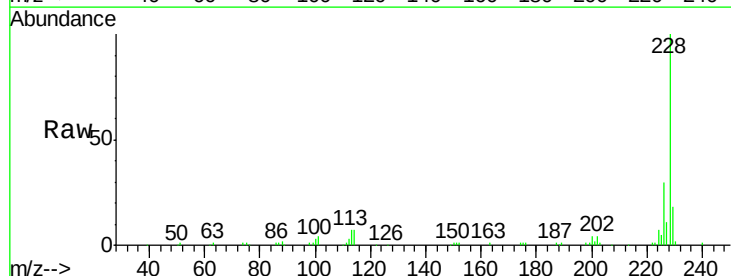


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

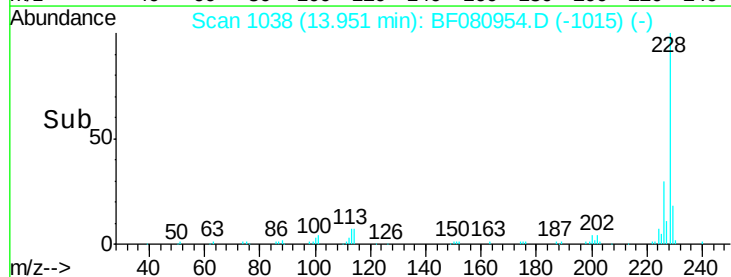
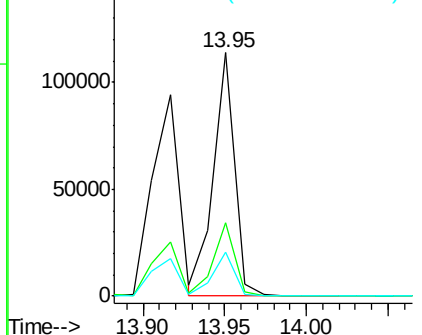


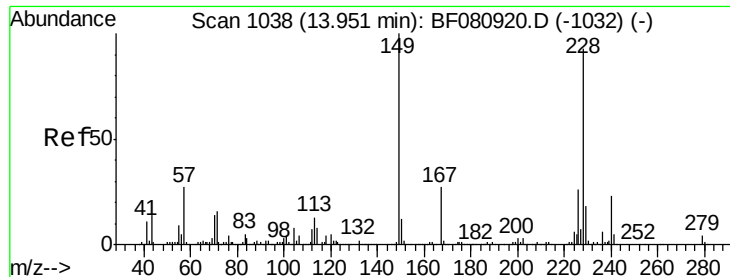
#82
 Chrysene
 Concen: 17.40 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion:228 Resp: 104204
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.9 35.9
 229 17.9 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: 15.62 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

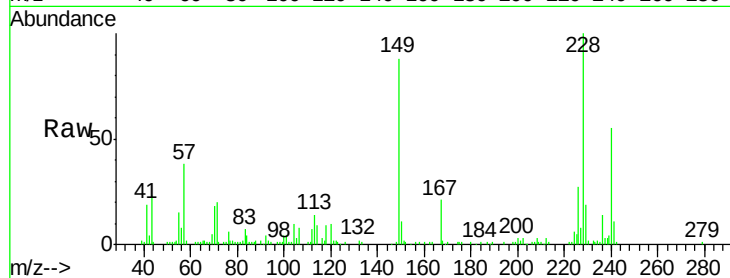
Tot Ion:149 Resp: 76607

Ion Ratio Lower Upper

149 100

167 24.4 21.4 32.0

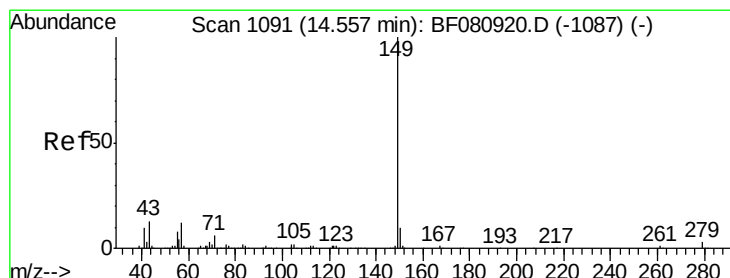
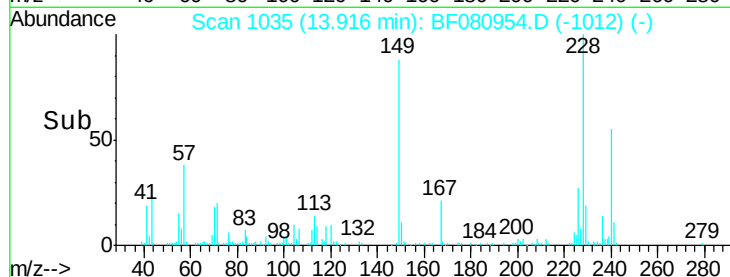
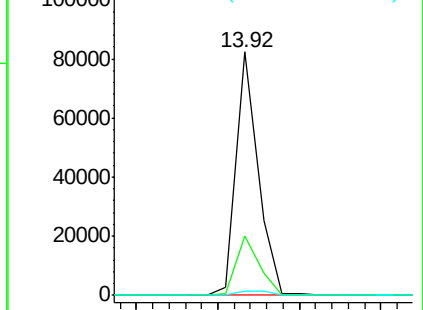
279 1.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 15.37 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

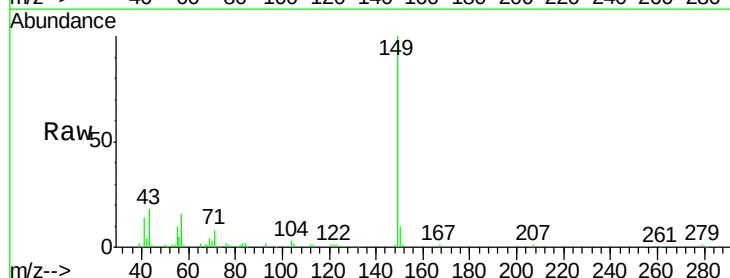
Tgt Ion:149 Resp: 127803

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

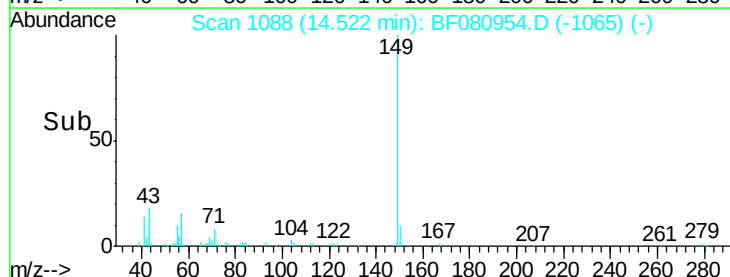
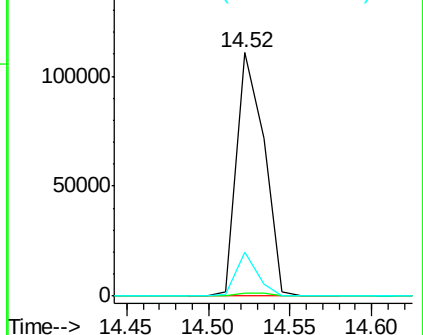
43 14.3 11.0 16.4

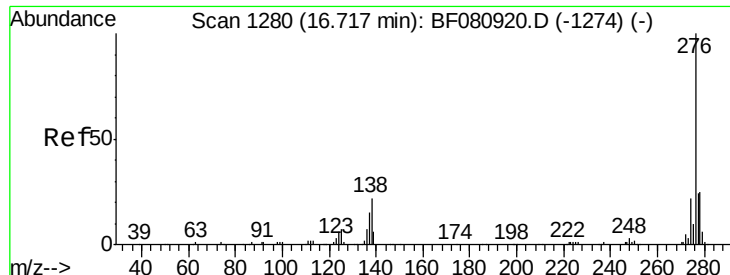


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

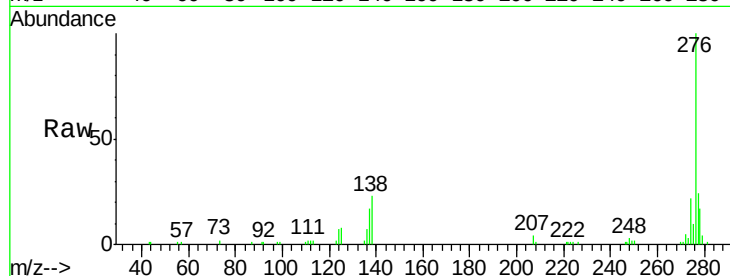




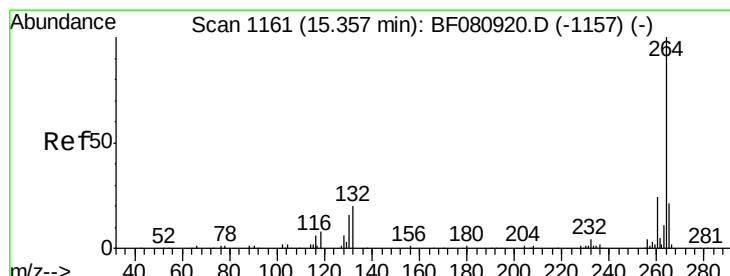
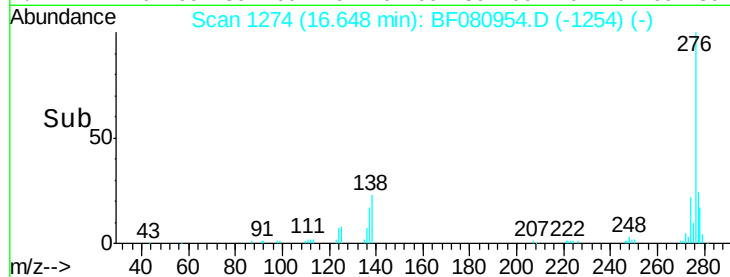
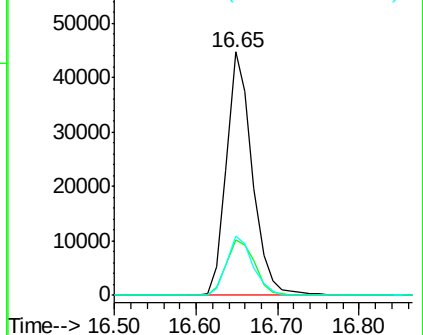
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.28 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.1	19.9	29.9	
277	24.4	19.7	29.5	

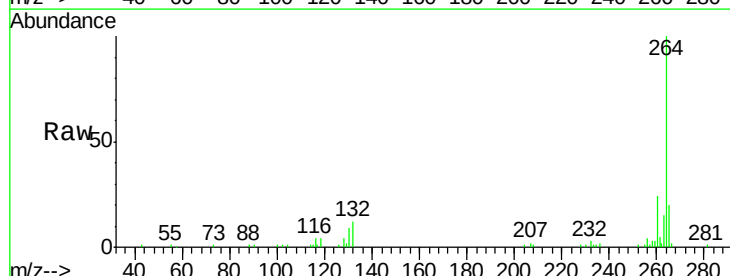


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

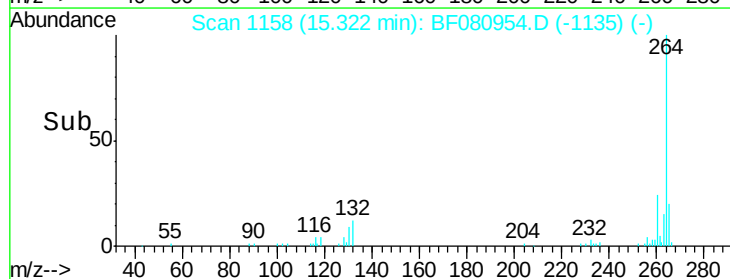
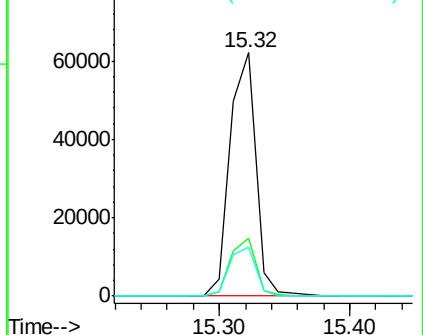


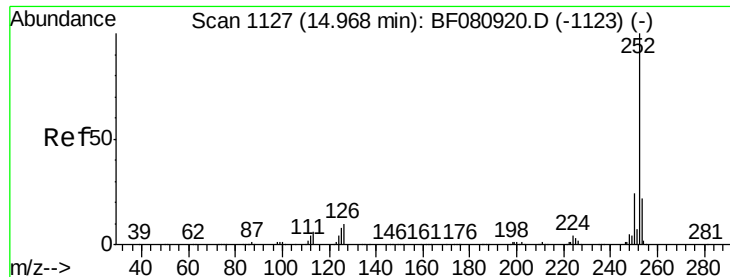
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	19.4	29.0	
265	20.0	17.0	25.4	



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

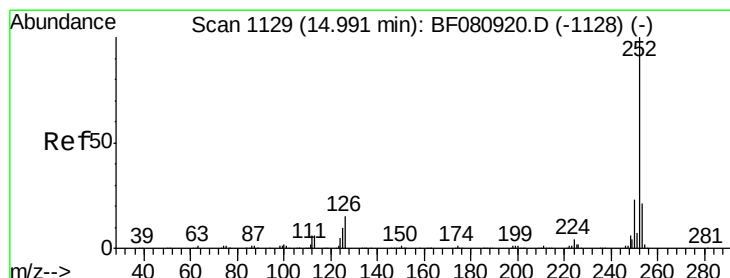
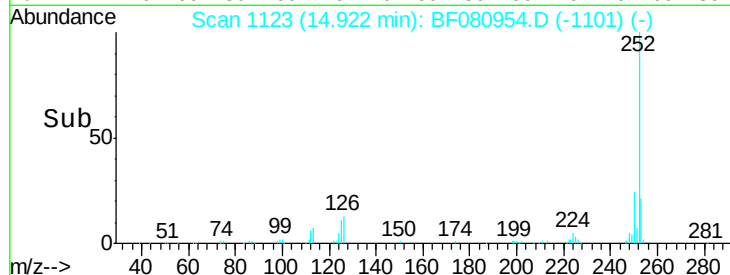
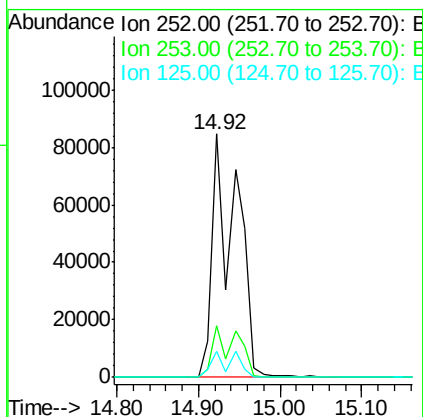
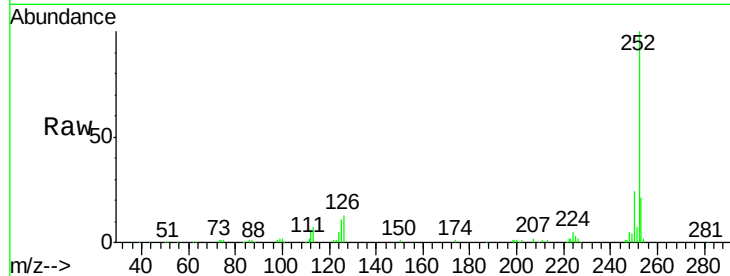




#87
Benzo(b)fluoranthene
Concen: 29.97 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

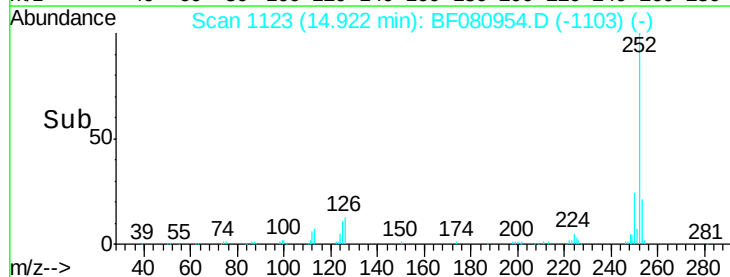
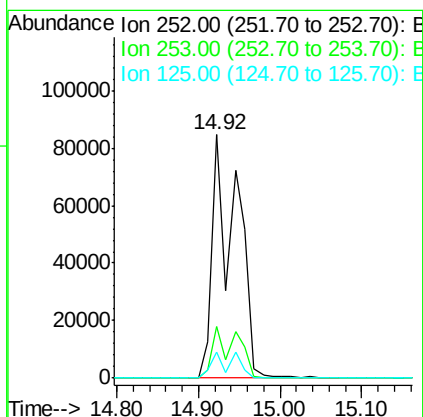
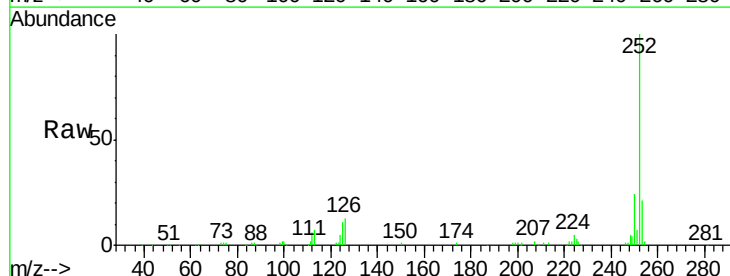
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

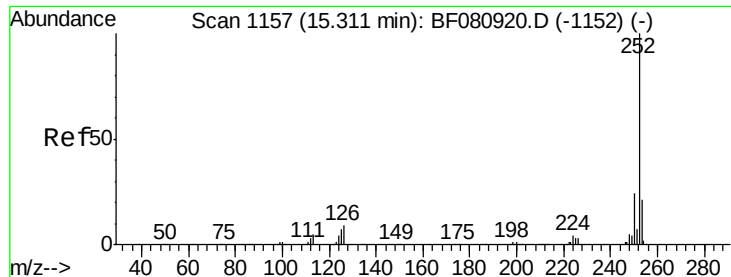
Tot Ion:252 Resp: 177582
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 10.8 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 34.26 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.07 min
Lab File: BF080954.D
Acq: 10 Aug 2015 16:33

Tgt Ion:252 Resp: 177582
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 10.8 9.0 13.6





#89

Benzo(a)pyrene

Concen: 17.26 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.06 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

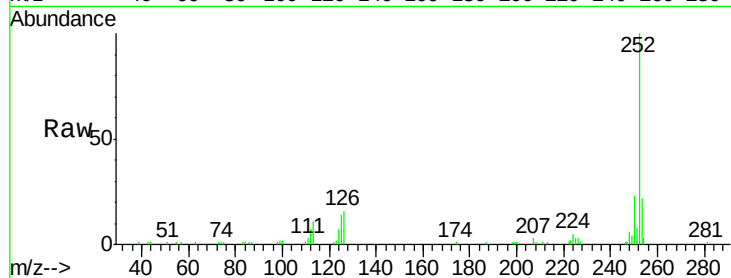
Tot Ion:252 Resp: 87914

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

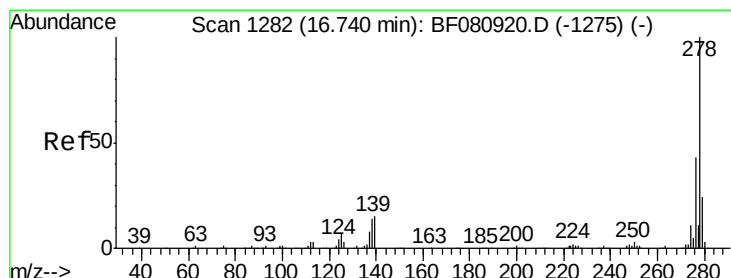
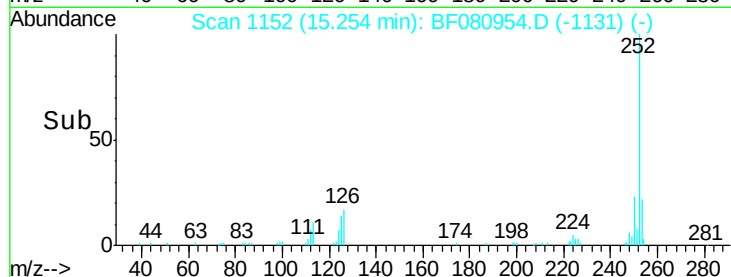
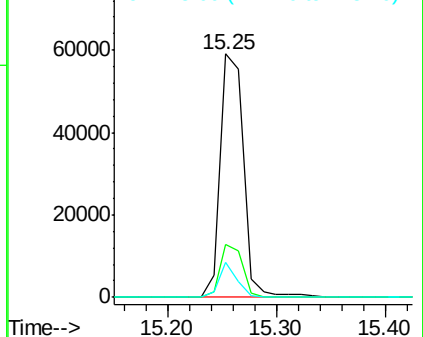
125 14.1 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 18.11 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.07 min

Lab File: BF080954.D

Acq: 10 Aug 2015 16:33

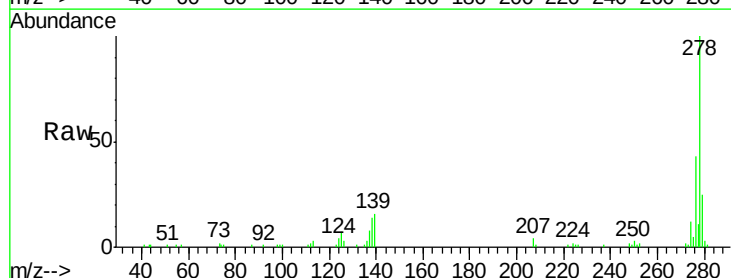
Tgt Ion:278 Resp: 81569

Ion Ratio Lower Upper

278 100

139 15.7 11.9 17.9

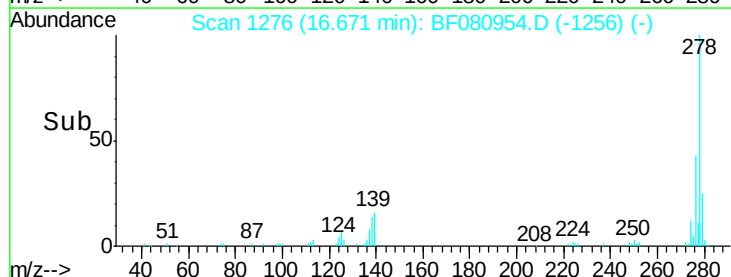
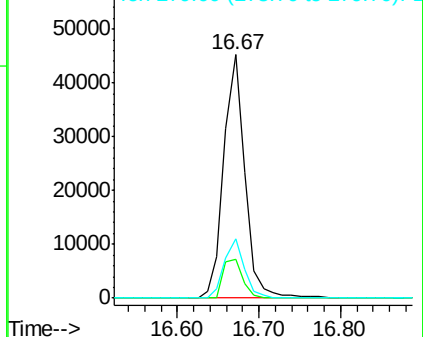
279 24.6 19.0 28.6

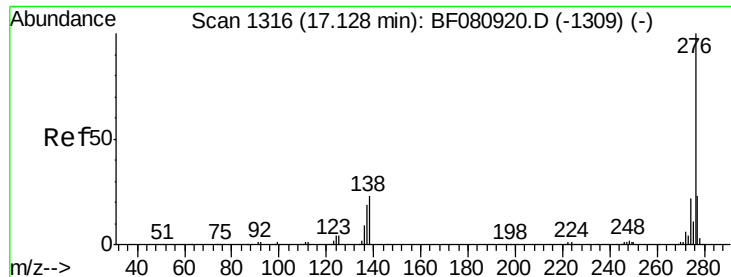


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

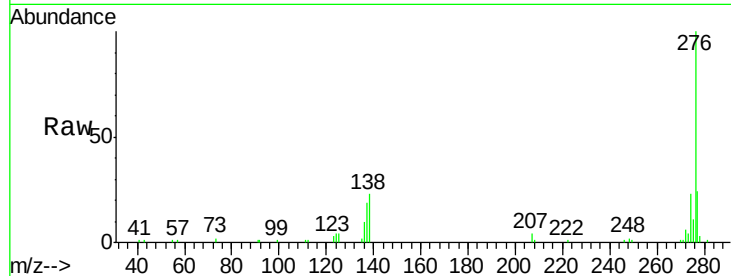




#91
 Benzo(a,h,i)perylene
 Concen: 17.81 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF080954.D
 Acq: 10 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	22.8	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

