

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084789.D
 Acq On : 3 Feb 2016 17:21
 Operator : SJ/IZ
 Sample : PB88159BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Quant Time: Feb 04 00:26:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	184199	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	772740	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	348545	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	662869	20.00	ng	0.00
75) Chrysene-d12	13.84	240	485596	20.00	ng	0.00
86) Perylene-d12	15.21	264	374399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1164896	98.50	ng	0.01
7) Phenol-d6	6.34	99	1517796	103.53	ng	0.00
23) Nitrobenzene-d5	7.26	82	976602	71.19	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	409818	112.72	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1695311	80.44	ng	0.00
78) Terphenyl-d14	12.80	244	1630950	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	161668	31.21	ng	# 74
3) Pyridine	2.93	79	475388	35.22	ng	# 74
4) n-Nitrosodimethylamine	2.89	42	240767	34.49	ng	80
6) Aniline	6.35	93	318710	17.77	ng	# 40
8) 2-Chlorophenol	6.48	128	485826	36.29	ng	99
9) Benzaldehyde	6.22	77	170693	19.72	ng	92
10) Phenol	6.35	94	486826	29.64	ng	# 63
11) bis(2-Chloroethyl)ether	6.43	93	432783	33.79	ng	85
12) 1,3-Dichlorobenzene	6.62	146	484137	34.23	ng	# 95
13) 1,4-Dichlorobenzene	6.70	146	500432	35.40	ng	96
14) 1,2-Dichlorobenzene	6.85	146	426575	32.39	ng	95
15) Benzyl Alcohol	6.84	79	379625	37.50	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	696993	32.35	ng	87
17) 2-Methylphenol	6.97	107	395140	37.33	ng	# 91
18) Hexachloroethane	7.20	117	184467	33.88	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	327793	35.67	ng	# 77
20) 3+4-Methylphenols	7.12	107	475498	36.19	ng	# 79
22) Acetophenone	7.10	105	650378	31.93	ng	99
24) Nitrobenzene	7.28	77	475862	32.39	ng	97
25) Isophorone	7.52	82	884138	33.15	ng	98
26) 2-Nitrophenol	7.60	139	266650	36.81	ng	# 90
27) 2,4-Dimethylphenol	7.64	122	421715	33.46	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	527690	33.35	ng	99
29) 2,4-Dichlorophenol	7.85	162	373610	34.65	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	398640	32.73	ng	96
31) Naphthalene	8.00	128	1285086	33.15	ng	99
32) Benzoic acid	7.78	122	260559	32.33	ng	96
33) 4-Chloroaniline	8.05	127	141218	8.81	ng	95
34) Hexachlorobutadiene	8.12	225	235966	33.60	ng	99
35) Caprolactam	8.43	113	75532	22.73	ng	# 56
36) 4-Chloro-3-methylphenol	8.56	107	454643	36.96	ng	98
37) 2-Methylnaphthalene	8.69	142	931035	38.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	348517	31.48	ng	98
40) Hexachlorocyclopentadiene	8.84	237	349225	73.81	ng	98

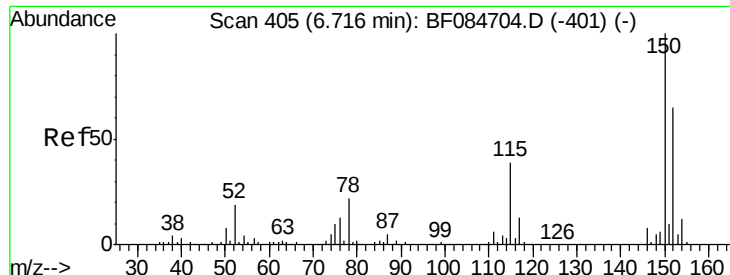
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	260004	36.46	ng	92
43) 2,4,5-Trichlorophenol	9.01	196	255773	35.30	ng #	82
45) 1,1'-Biphenyl	9.15	154	1009132	32.41	ng	98
46) 2-Chloronaphthalene	9.17	162	754927	32.93	ng	95
47) 2-Nitroaniline	9.28	65	235488	32.44	ng	98
48) Acenaphthylene	9.58	152	1157421	33.27	ng	97
49) Dimethylphthalate	9.47	163	963143	36.28	ng #	91
50) 2,6-Dinitrotoluene	9.53	165	224292	38.68	ng #	91
51) Acenaphthene	9.76	154	748381	33.06	ng	97
52) 3-Nitroaniline	9.69	138	104757	16.08	ng	95
53) 2,4-Dinitrophenol	9.80	184	203757	76.41	ng #	89
54) Dibenzofuran	9.94	168	1098352	39.70	ng	98
55) 4-Nitrophenol	9.87	139	275630	57.55	ng #	81
56) 2,4-Dinitrotoluene	9.93	165	271690	36.73	ng #	88
57) Fluorene	10.27	166	802814	34.75	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	206185	37.38	ng	93
59) Diethylphthalate	10.17	149	940243	36.27	ng	96
60) 4-Chlorophenyl-phenylether	10.27	204	385729	38.73	ng	96
61) 4-Nitroaniline	10.30	138	200347	31.55	ng	92
62) Azobenzene	10.43	77	997842	40.03	ng	93
64) 4,6-Dinitro-2-methylphenol	10.34	198	152464	37.27	ng	73
65) n-Nitrosodiphenylamine	10.40	169	807890	38.38	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	259635	35.46	ng	97
67) Hexachlorobenzene	10.82	284	281874	35.33	ng #	94
68) Atrazine	10.92	200	226333	34.05	ng	99
69) Pentachlorophenol	11.02	266	259468	69.21	ng	99
70) Phenanthrene	11.23	178	1195787	32.52	ng	97
71) Anthracene	11.29	178	1290625	34.84	ng	99
72) Carbazole	11.45	167	1145914	35.47	ng	97
73) Di-n-butylphthalate	11.78	149	1283611	31.21	ng #	96
74) Fluoranthene	12.42	202	1282453	34.46	ng	92
76) Benzidine	12.55	184	344132	21.46	ng	97
77) Pyrene	12.64	202	1216012	32.71	ng	99
79) Butylbenzylphthalate	13.28	149	591900	35.09	ng #	84
80) Benzo(a)anthracene	13.83	228	1055002	35.00	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	158220	14.83	ng #	94
82) Chrysene	13.86	228	918062	31.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	762190	36.31	ng #	96
84) Di-n-octyl phthalate	14.44	149	1165772	33.67	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	778497	33.84	ng	99
87) Benzo(b)fluoranthene	14.83	252	1683964	66.94	ng #	98
88) Benzo(k)fluoranthene	14.83	252	1683964	80.96	ng	98
89) Benzo(a)pyrene	15.15	252	771115	35.98	ng #	96
90) Dibenzo(a,h)anthracene	16.51	278	642526	35.61	ng	97
91) Benzo(g,h,i)perylene	16.89	276	662663	36.46	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

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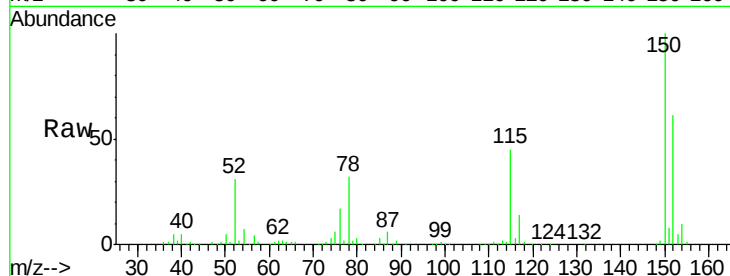
Tgt Ion:152 Resp: 184199

Ion Ratio Lower Upper

152 100

150 162.8 123.0 184.4

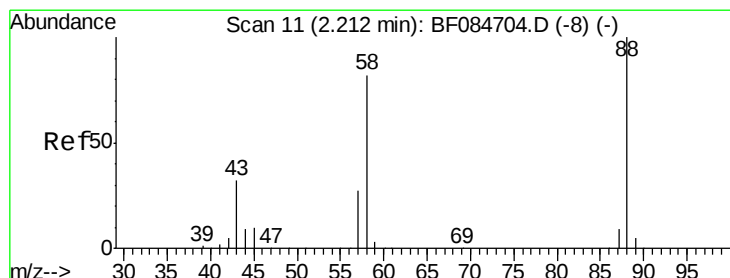
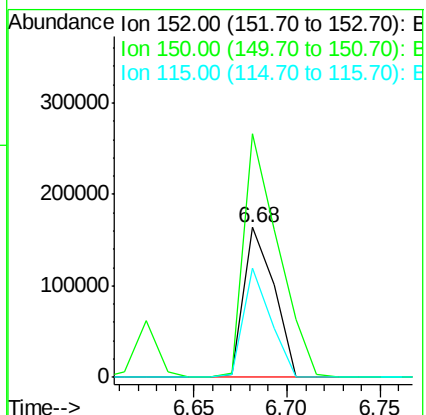
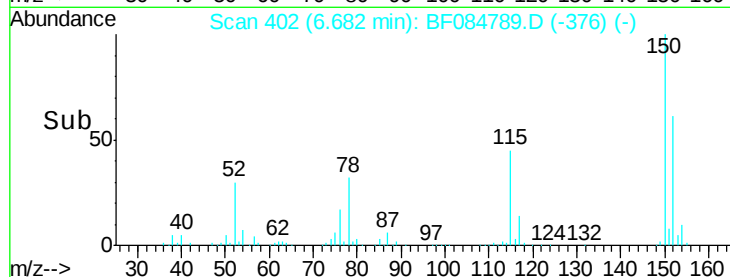
115 72.7 51.4 77.2



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: 31.21 ng

RT: 2.28 min Scan# 17

Delta R.T. 0.10 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

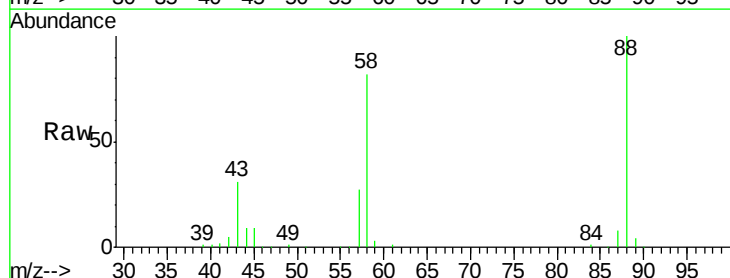
Tgt Ion: 88 Resp: 161668

Ion Ratio Lower Upper

88 100

58 87.6 51.2 76.8#

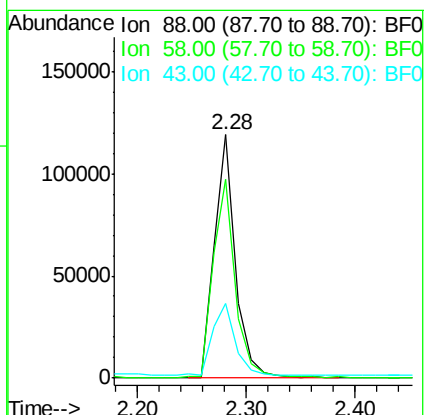
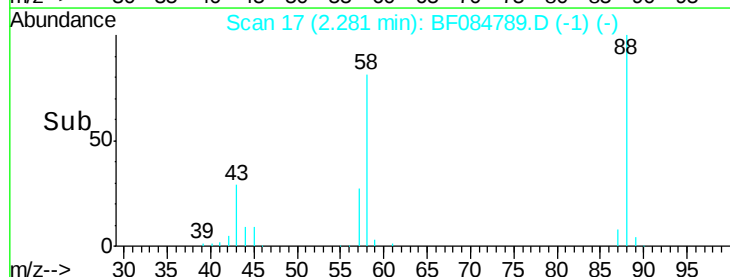
43 31.3 19.5 29.3#

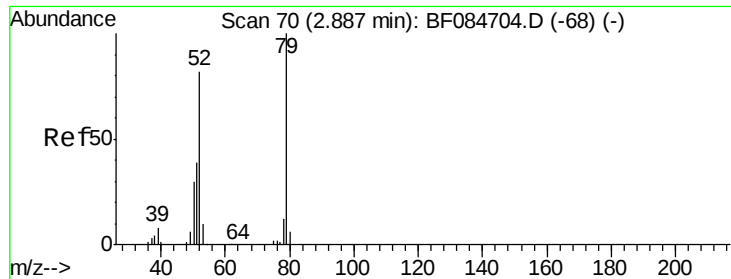


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.22 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.09 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

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PB88159BS

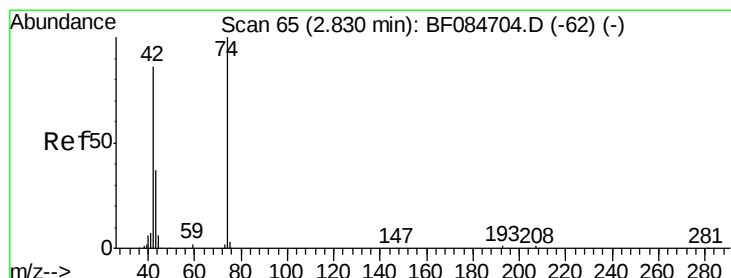
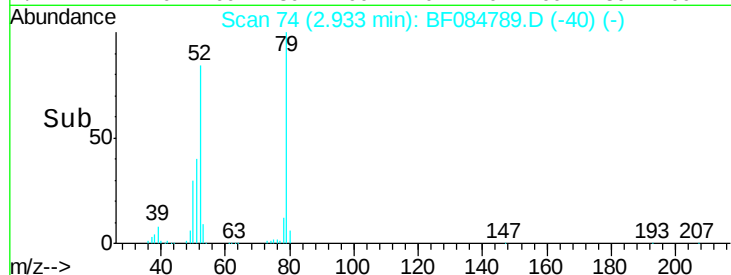
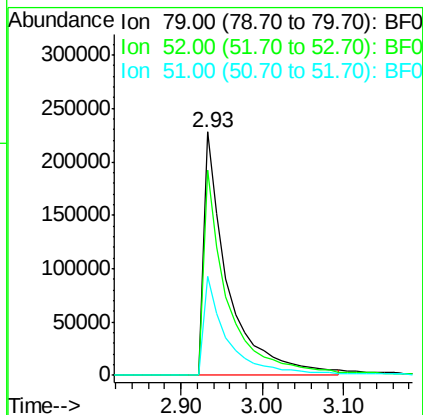
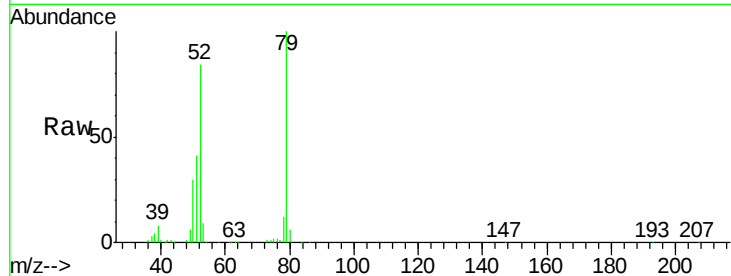
Tgt Ion: 79 Resp: 475388

Ion Ratio Lower Upper

79 100

52 84.3 49.0 73.4#

51 40.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 34.49 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.09 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

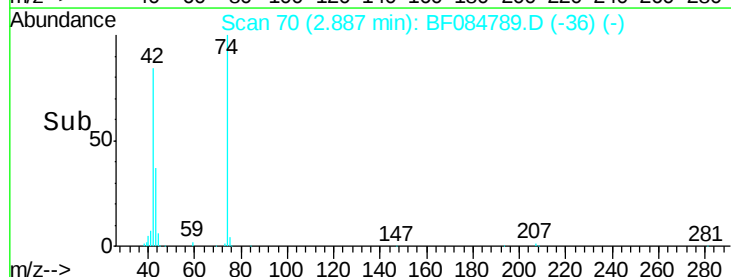
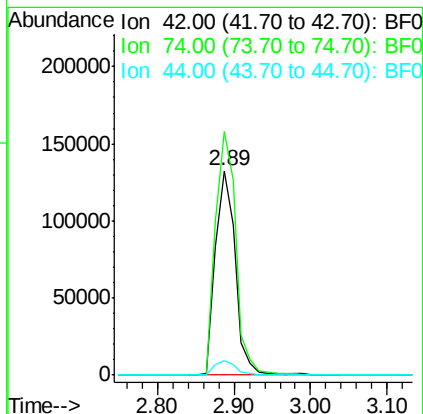
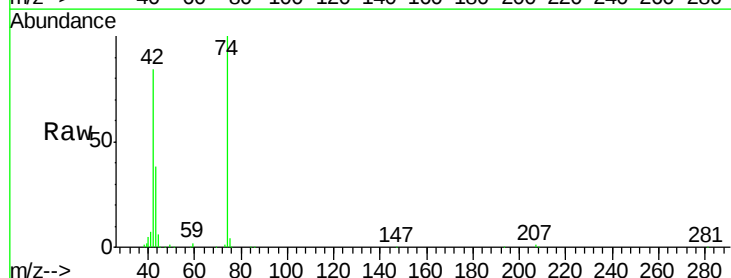
Tgt Ion: 42 Resp: 240767

Ion Ratio Lower Upper

42 100

74 119.2 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 98.50 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

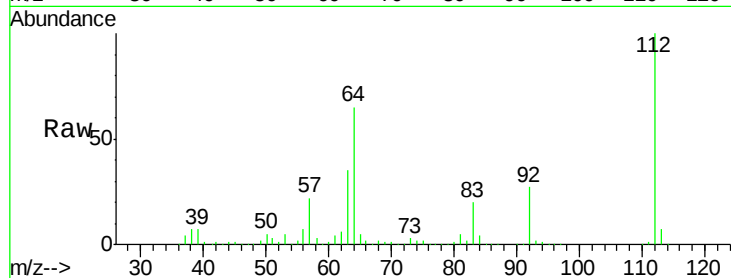
Tgt Ion: 112 Resp: 1164896

Ion Ratio Lower Upper

112 100

64 65.5 36.6 55.0#

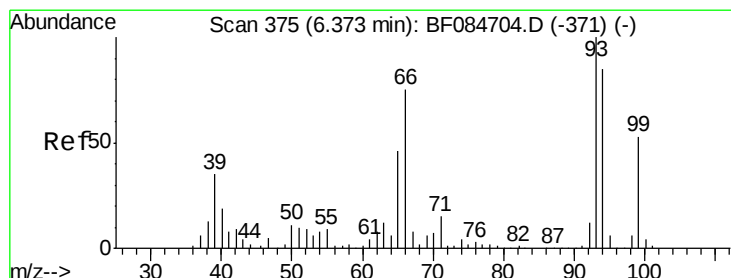
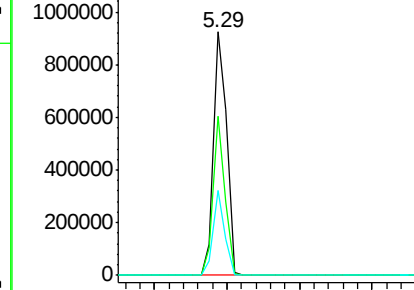
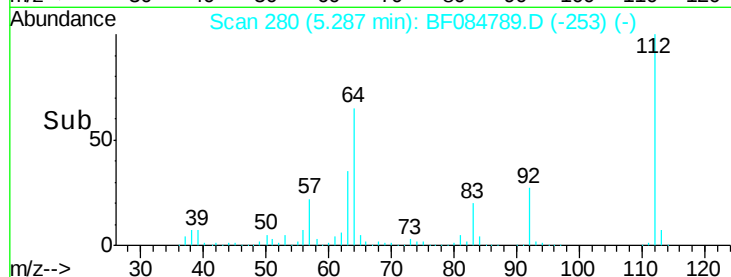
63 34.6 19.4 29.0#



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: 17.77 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

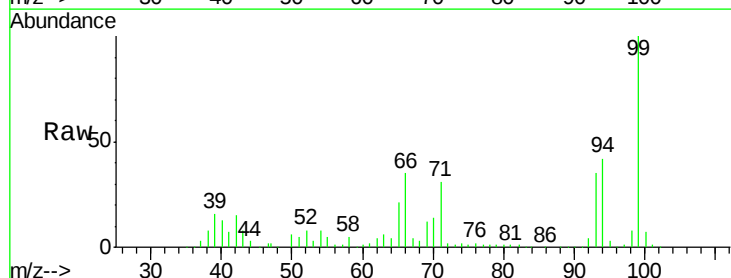
Tgt Ion: 93 Resp: 318710

Ion Ratio Lower Upper

93 100

66 101.7 44.9 67.3#

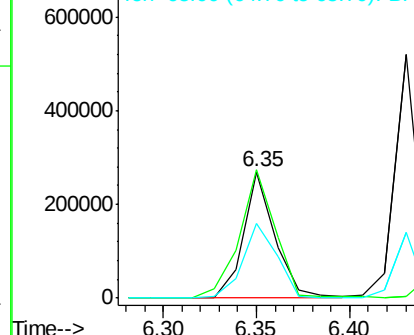
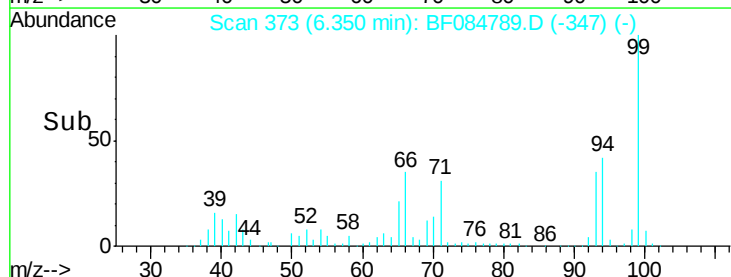
65 59.7 23.7 35.5#



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: 103.53 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

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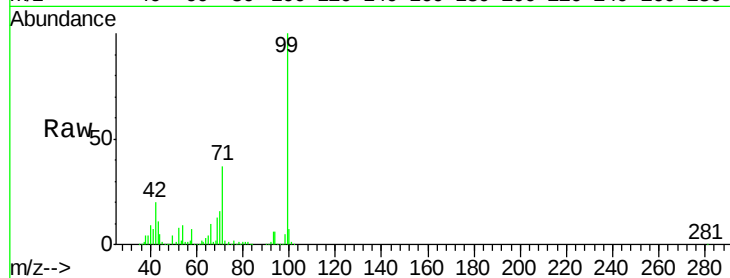
Tgt Ion: 99 Resp: 1517796

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

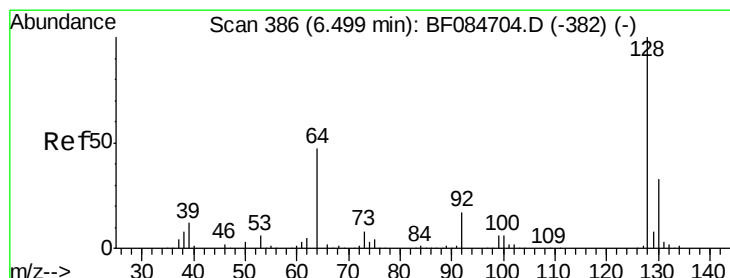
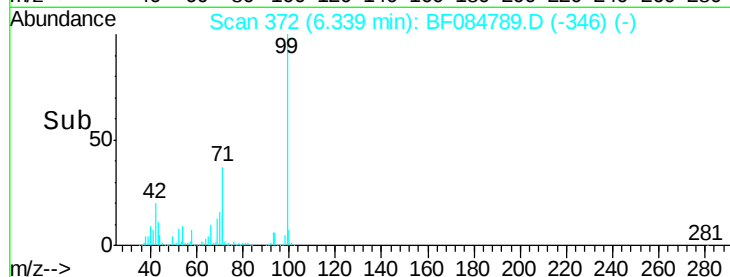
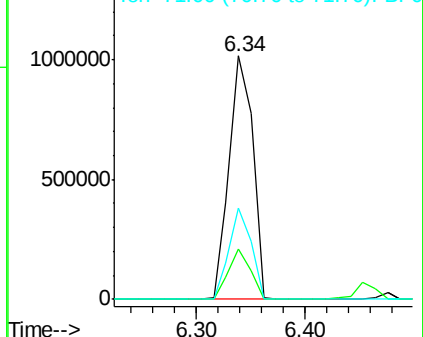
71 37.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

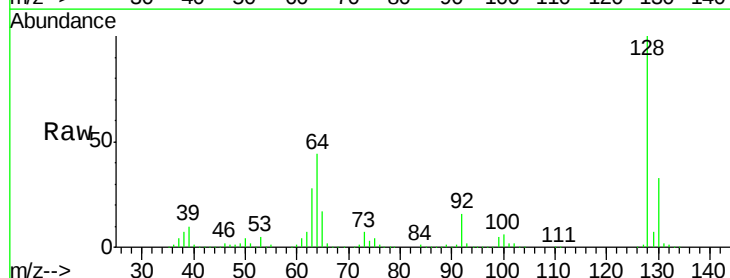
Tgt Ion: 128 Resp: 485826

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

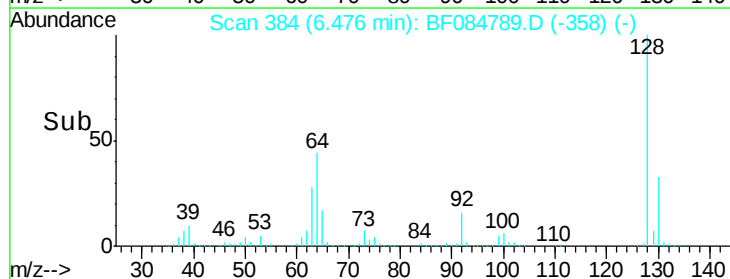
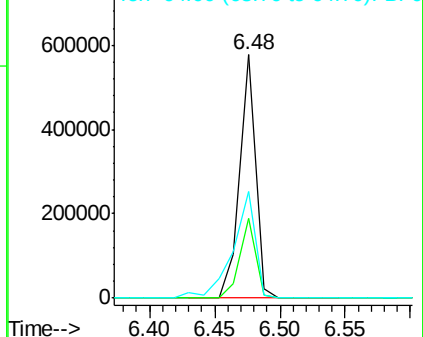
64 43.9 23.8 63.8

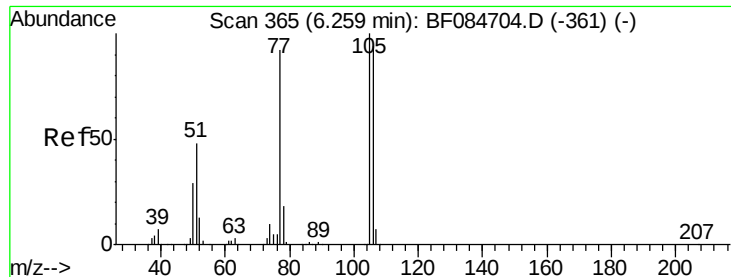


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.72 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

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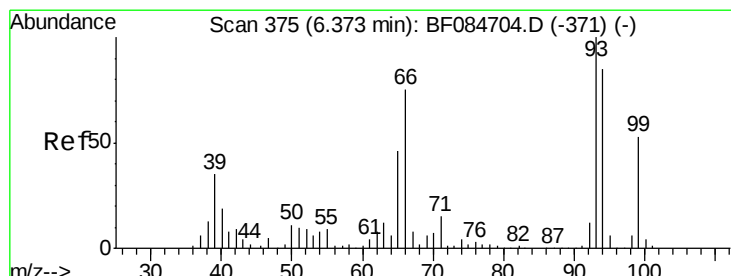
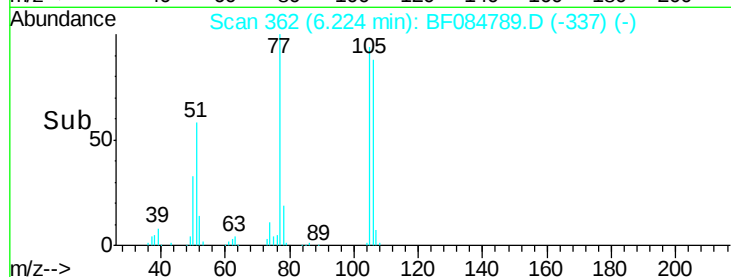
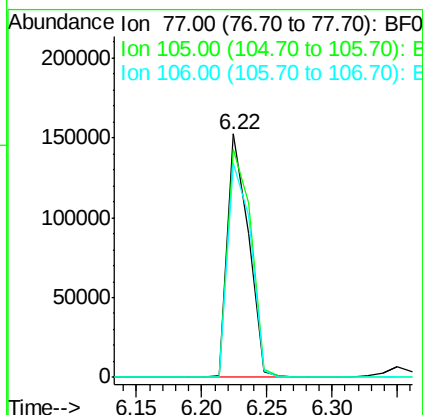
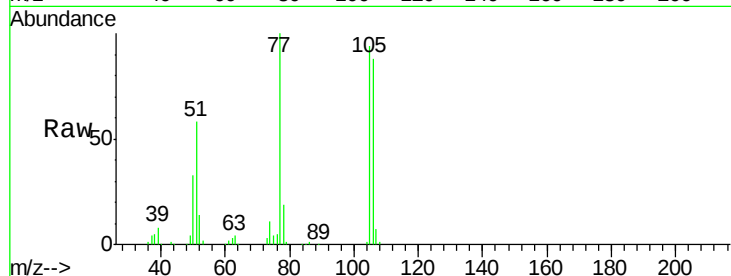
Tgt Ion: 77 Resp: 170693

Ion Ratio Lower Upper

77 100

105 94.0 83.0 123.0

106 88.2 74.6 114.6



#10

Phenol

Concen: 29.64 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

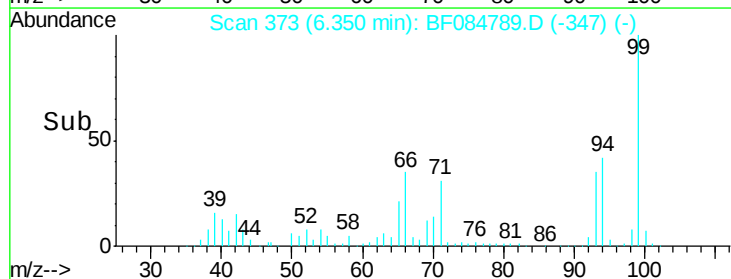
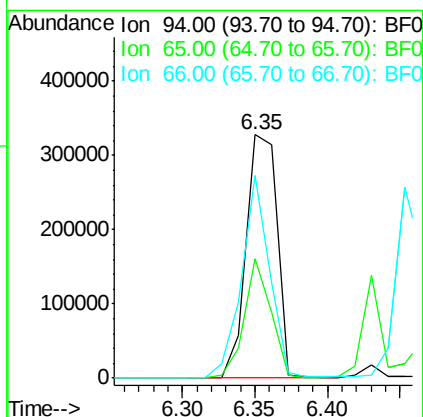
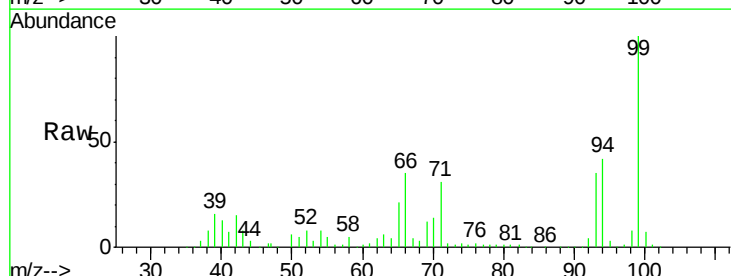
Tgt Ion: 94 Resp: 486826

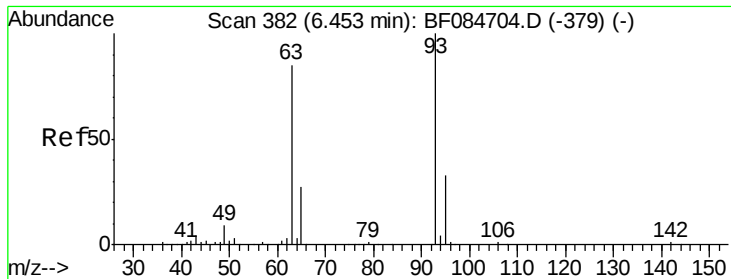
Ion Ratio Lower Upper

94 100

65 48.8 12.9 52.9

66 83.2 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 33.79 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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PB88159BS

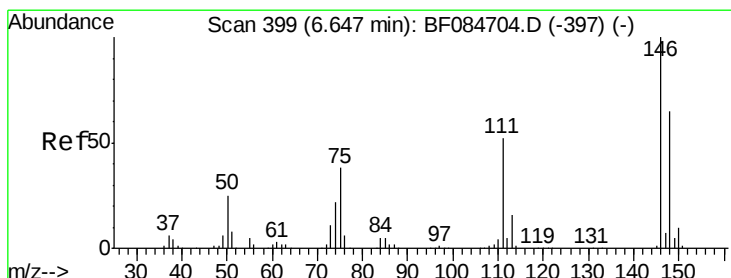
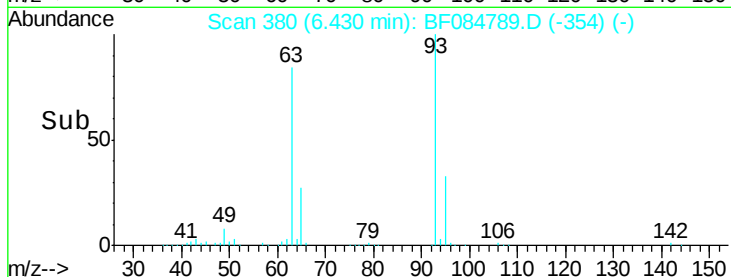
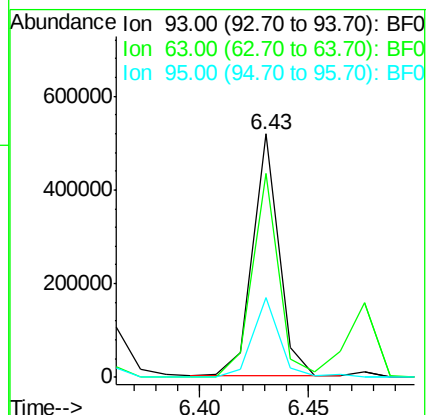
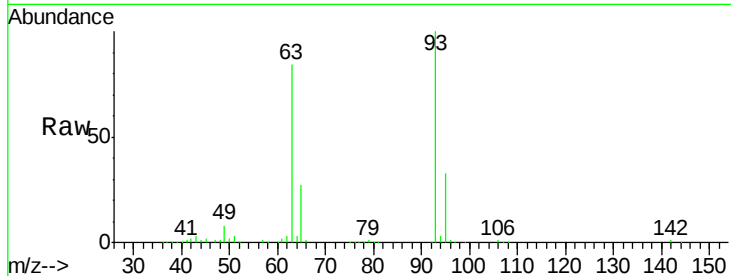
Tgt Ion: 93 Resp: 432783

Ion Ratio Lower Upper

93 100

63 83.7 45.9 85.9

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 34.23 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

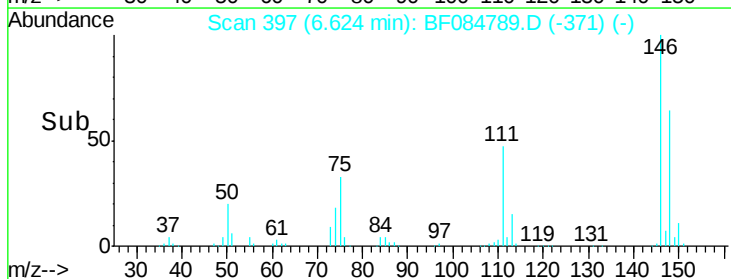
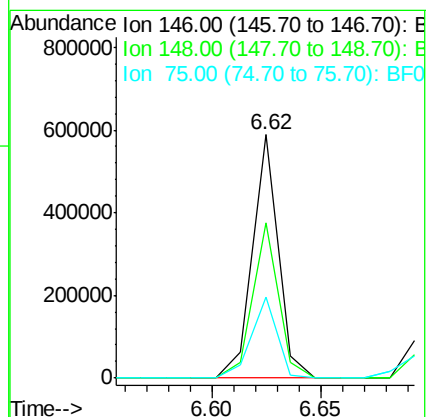
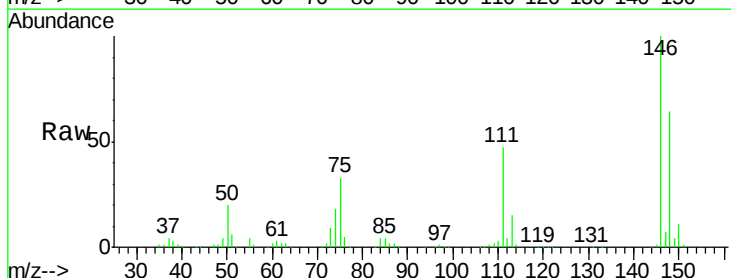
Tgt Ion: 146 Resp: 484137

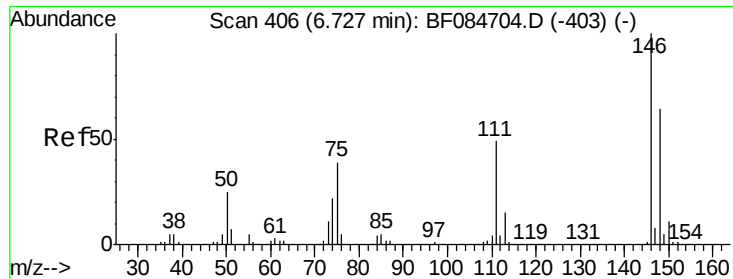
Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

75 33.1 20.5 30.7#

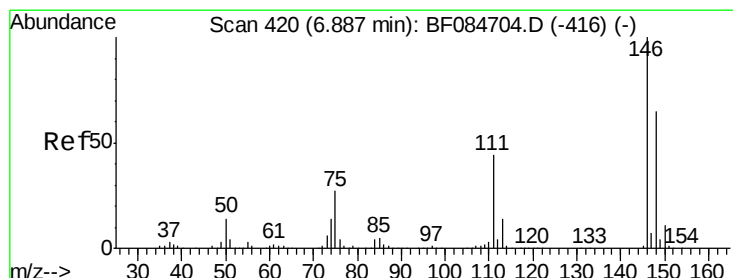
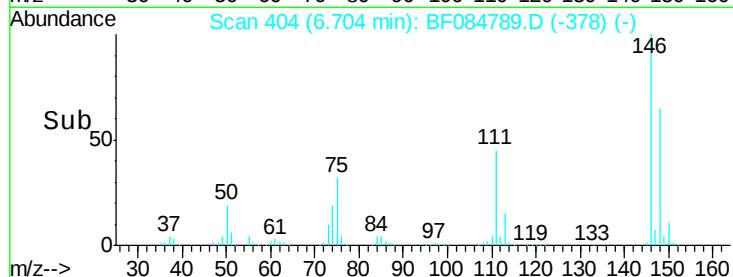
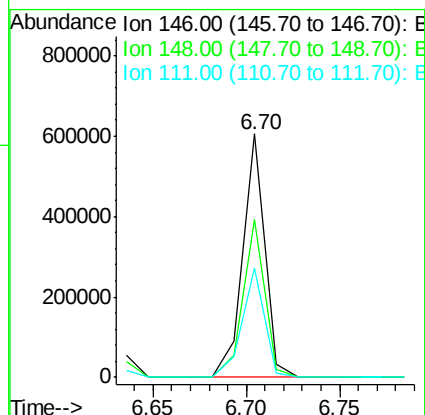
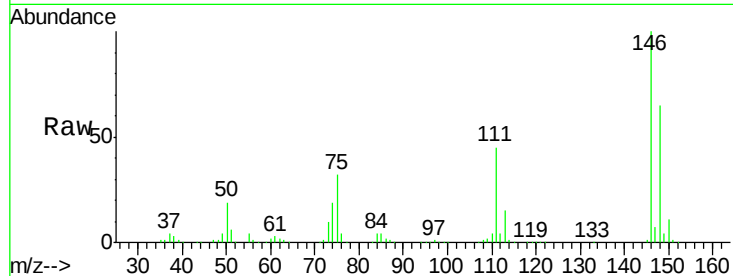




#13
 1,4-Dichlorobenzene
 Concen: 35.40 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

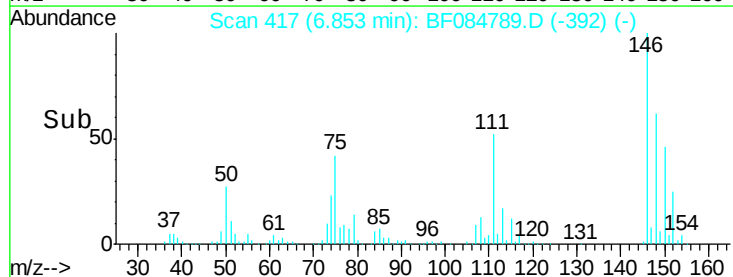
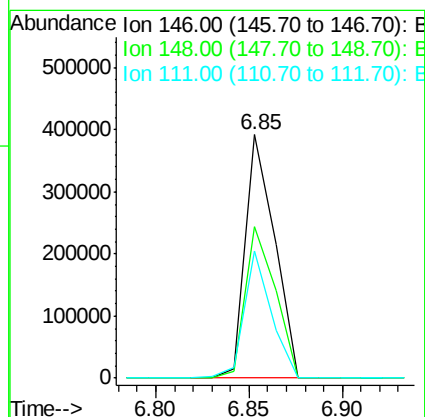
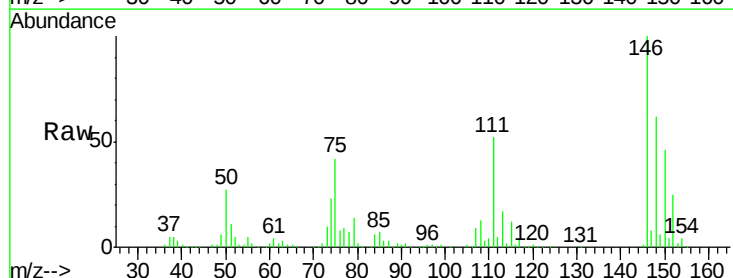
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

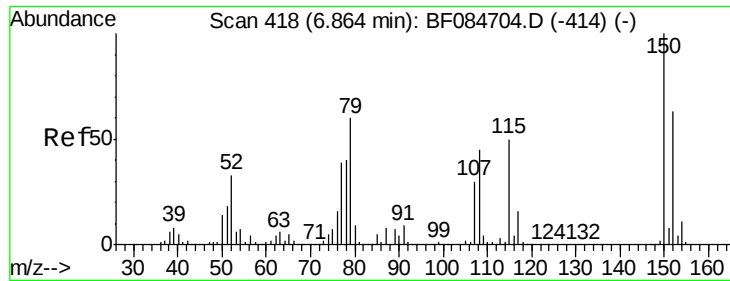
Tgt Ion:146 Resp: 500432
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 45.0 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 32.39 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:146 Resp: 426575
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.6 77.4
 111 52.0 38.0 57.0

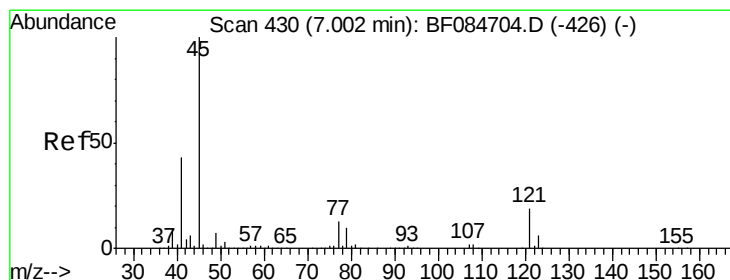
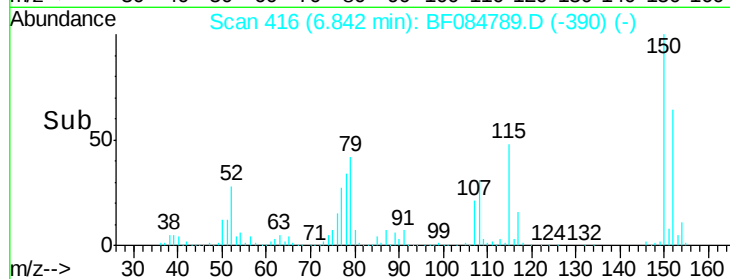
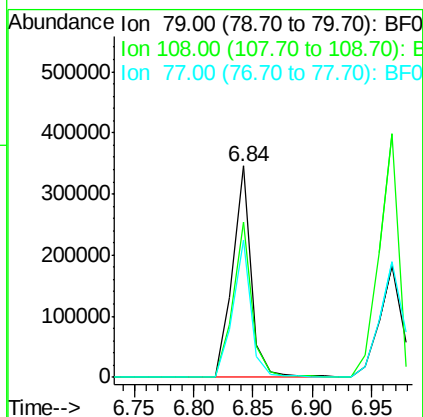
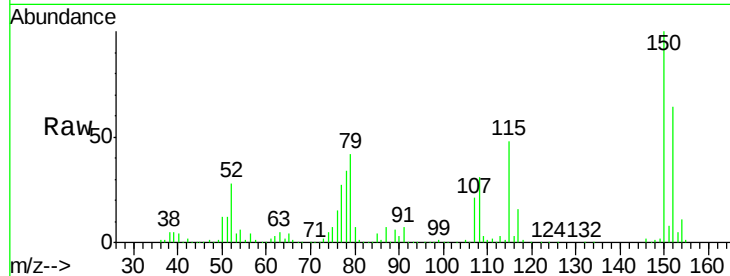




#15
Benzyl Alcohol
Concen: 37.50 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

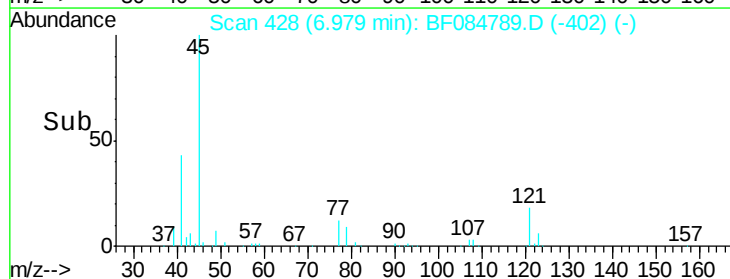
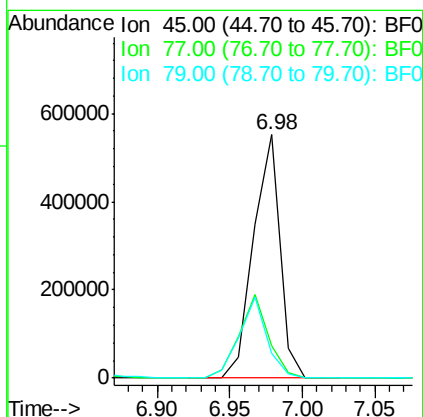
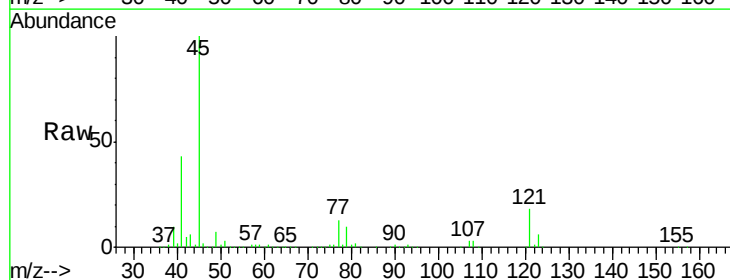
Instrument :
BNA_F
ClientSampleId :
PB88159BS

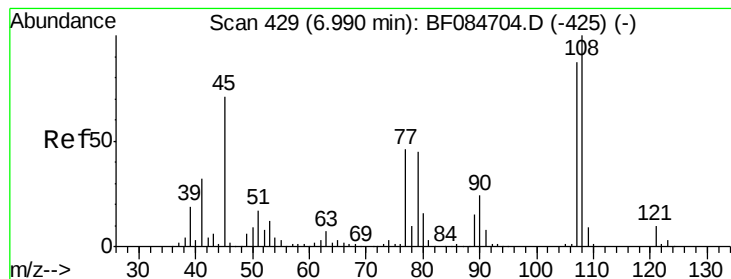
Tgt Ion: 79 Resp: 379625
Ion Ratio Lower Upper
79 100
108 73.5 69.0 103.4
77 64.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.35 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion: 45 Resp: 696993
Ion Ratio Lower Upper
45 100
77 13.4 0.0 39.6
79 10.3 0.0 35.0

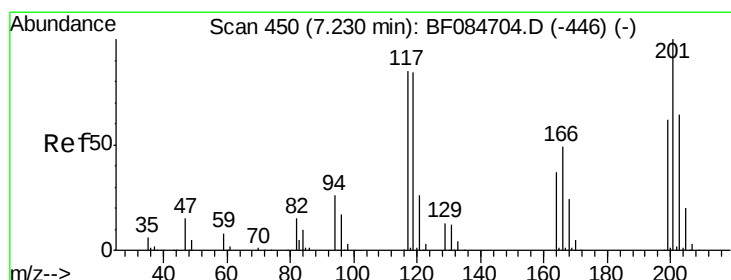
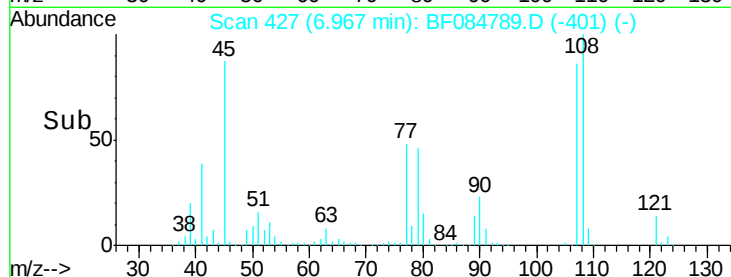
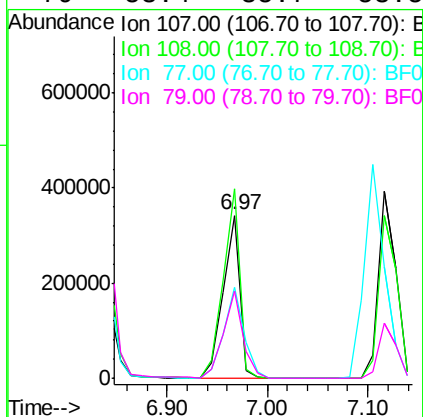
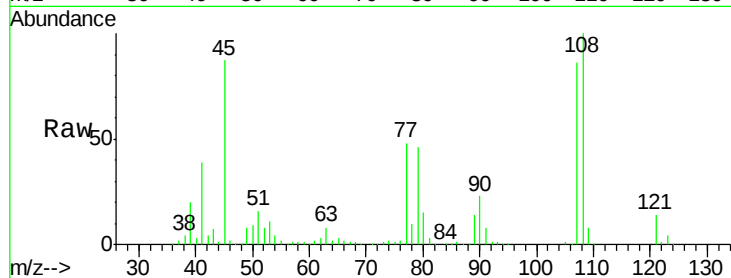




#17
2-Methylphenol
Concen: 37.33 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

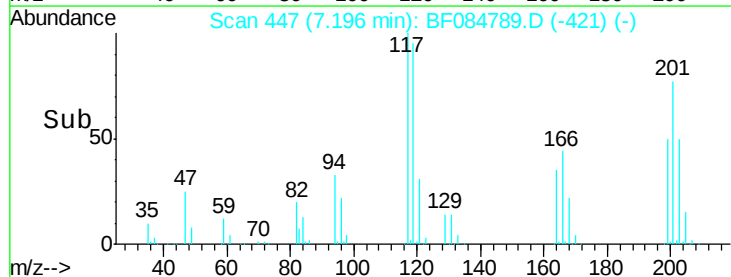
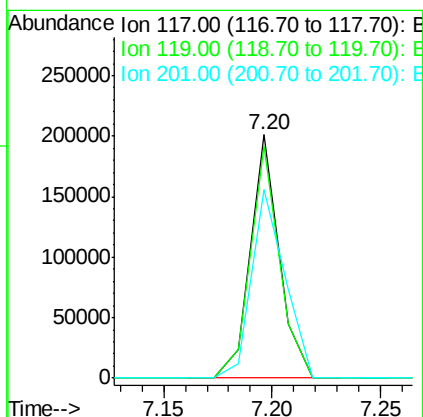
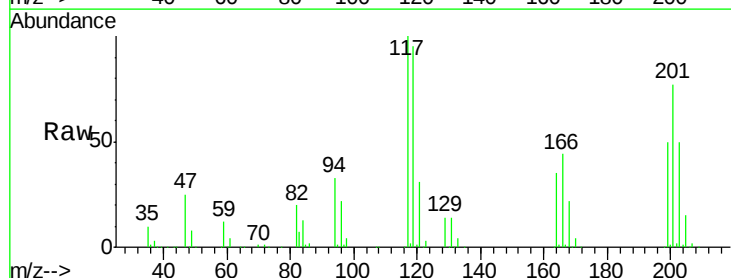
Instrument :
BNA_F
ClientSampleId :
PB88159BS

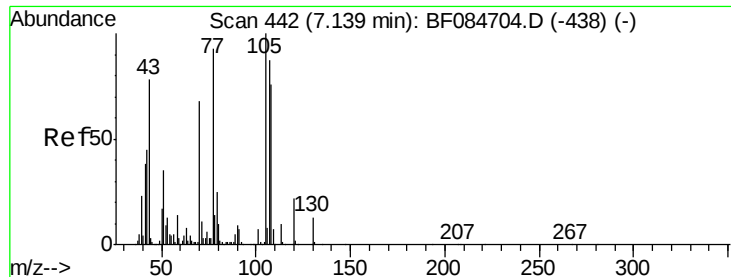
Tgt Ion:107 Resp: 395140
Ion Ratio Lower Upper
107 100
108 116.4 89.8 134.6
77 55.5 35.7 53.5#
79 53.4 35.7 53.5



#18
Hexachloroethane
Concen: 33.88 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:117 Resp: 184467
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 77.2 68.6 103.0

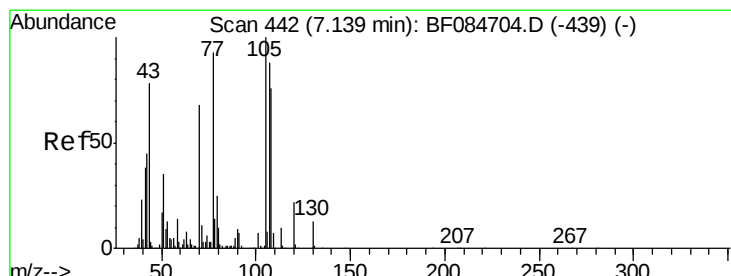
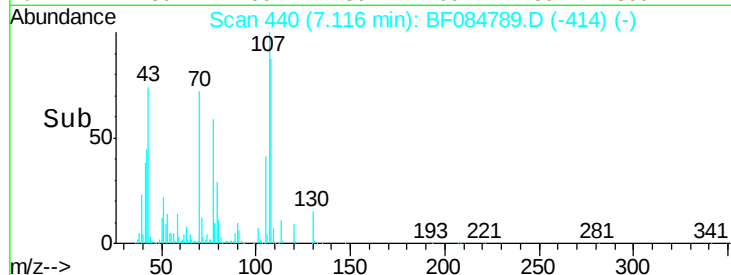
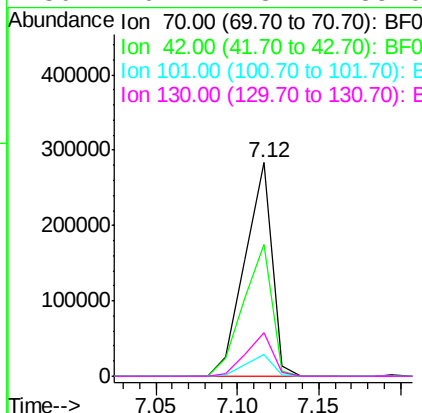
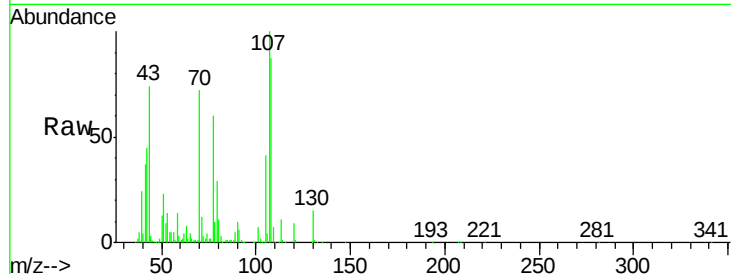




#19
n-Nitroso-di-n-propylamine
Concen: 35.67 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

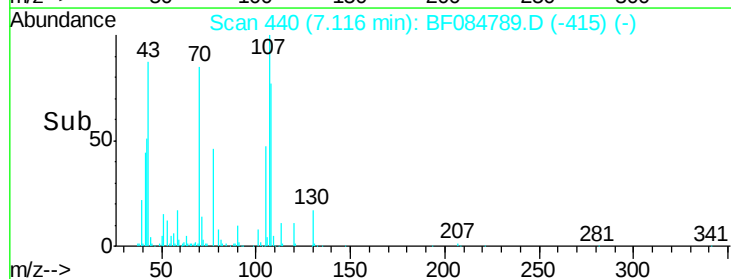
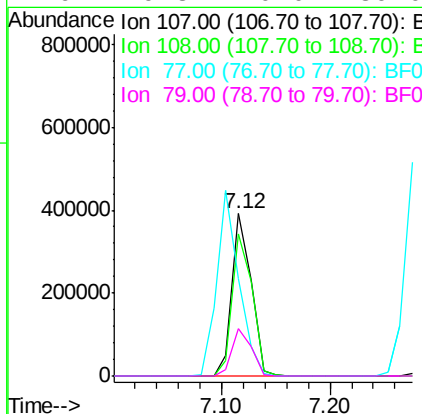
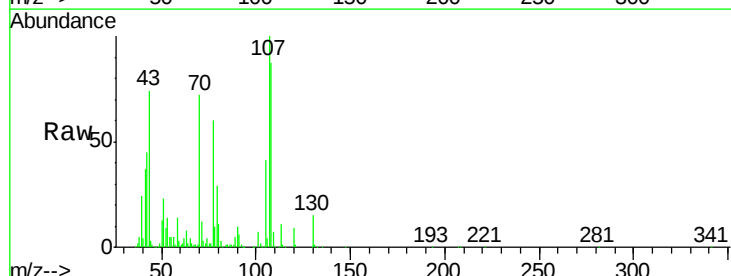
Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tgt Ion: 70 Resp: 327793
Ion Ratio Lower Upper
70 100
42 62.0 33.3 49.9#
101 10.2 9.3 13.9
130 20.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 36.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion: 107 Resp: 475498
Ion Ratio Lower Upper
107 100
108 87.4 74.6 114.6
77 59.5 0.7 40.7#
79 29.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

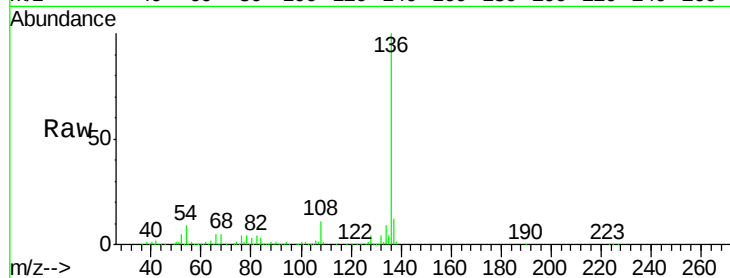
Instrument :

BNA_F

ClientSampled :

PB88159BS

Tgt Ion:	136	Resp:	772740
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.5	5.8	8.8#
68	5.0	4.2	6.2

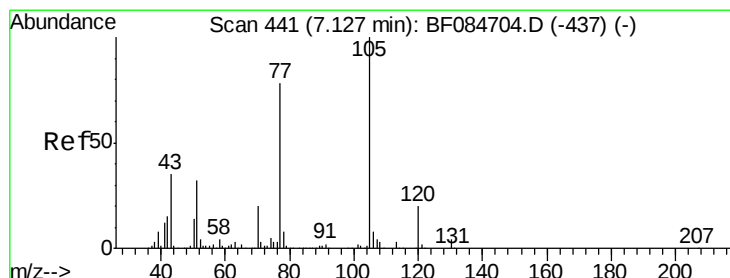
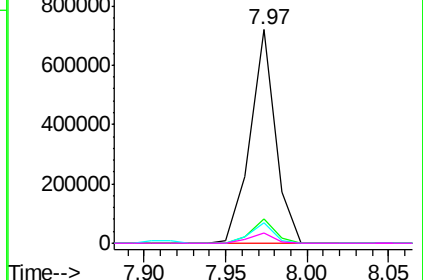
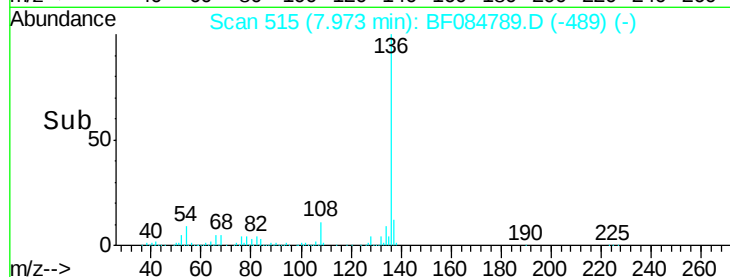


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.93 ng

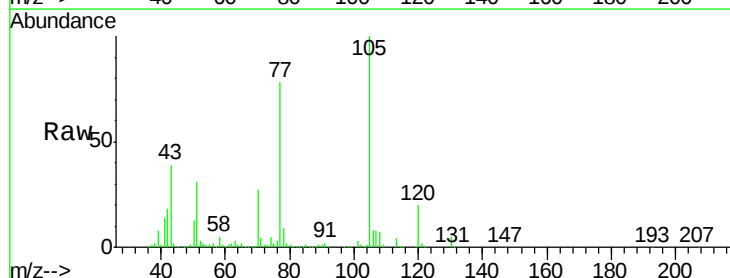
RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	105	Resp:	650378
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.7	5.5
51	31.1	25.1	37.7
120	20.5	16.6	25.0

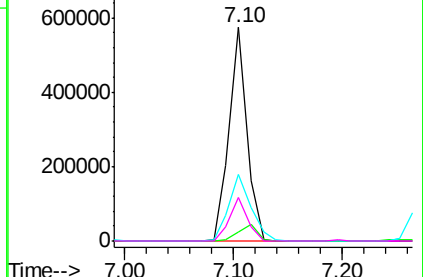
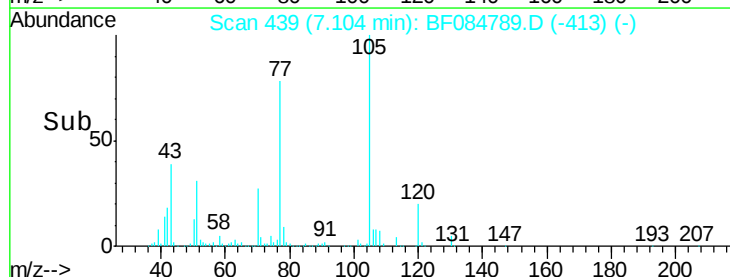


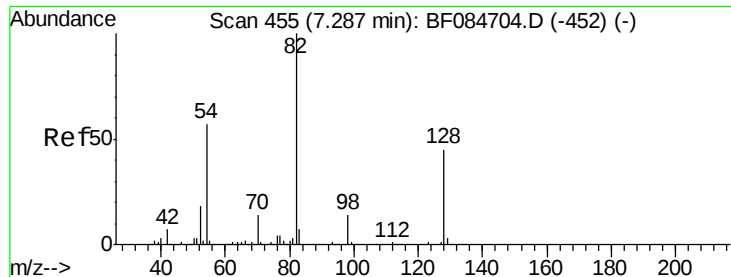
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

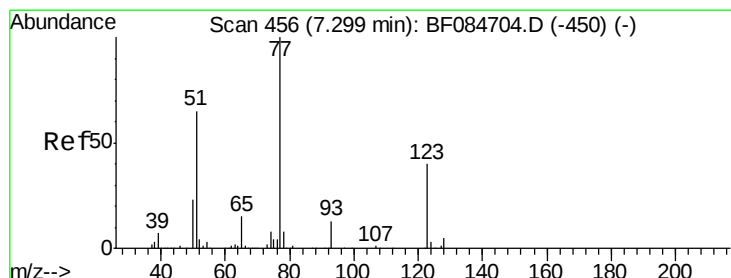
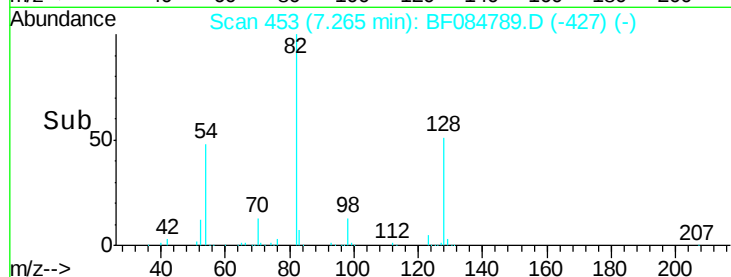
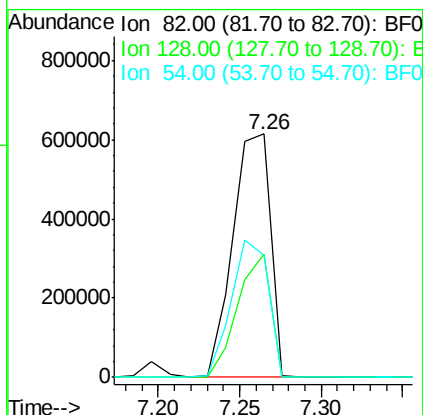
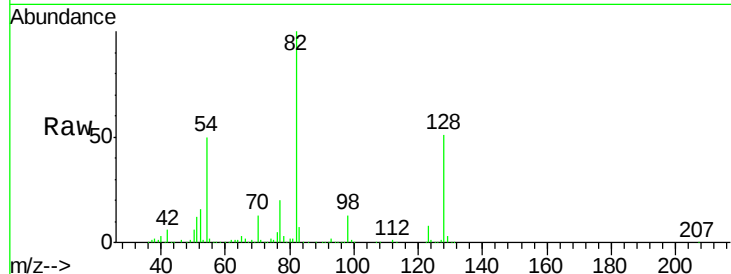




#23
 Nitrobenzene-d5
 Concen: 71.19 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

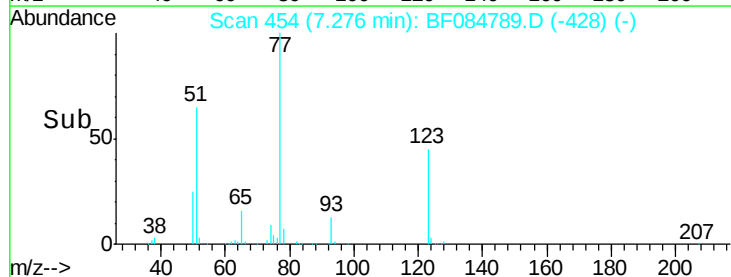
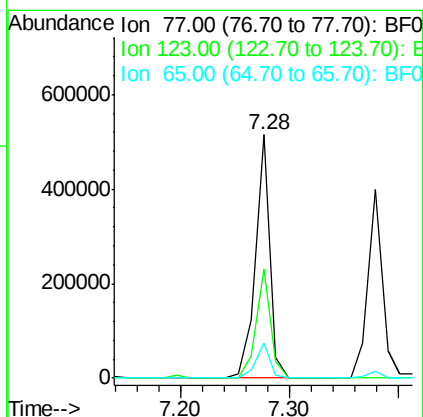
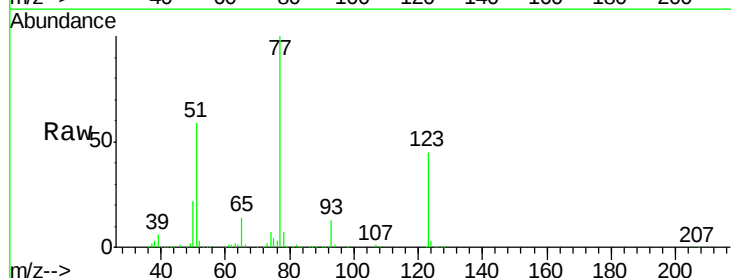
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

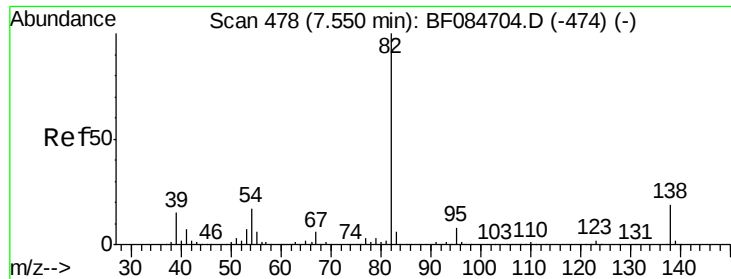
Tgt Ion: 82 Resp: 976602
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.6 51.8
 54 50.2 38.4 57.6



#24
 Nitrobenzene
 Concen: 32.39 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion: 77 Resp: 475862
 Ion Ratio Lower Upper
 77 100
 123 44.6 37.4 56.2
 65 14.1 10.9 16.3





#25

Isophorone

Concen: 33.15 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

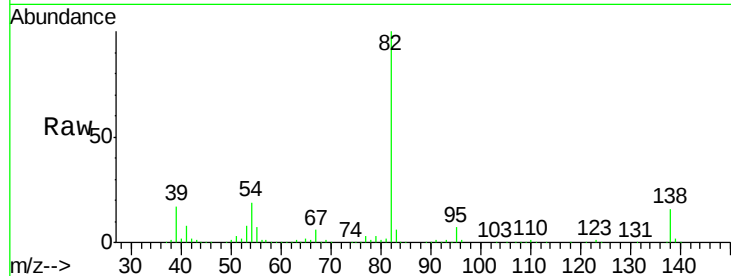
Tgt Ion: 82 Resp: 884138

Ion Ratio Lower Upper

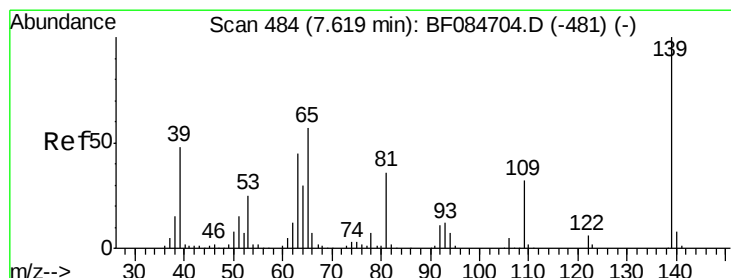
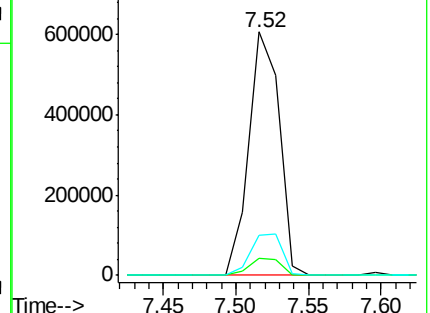
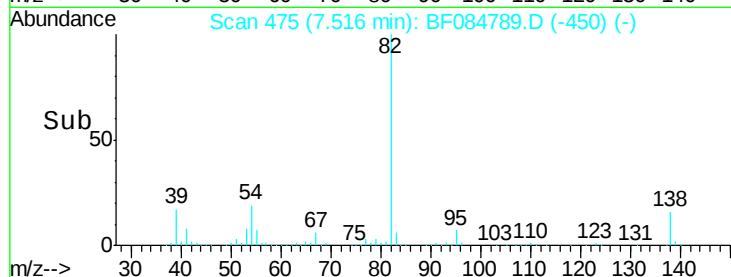
82 100

95 7.1 6.6 10.0

138 16.2 13.6 20.4



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



#26

2-Nitrophenol

Concen: 36.81 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

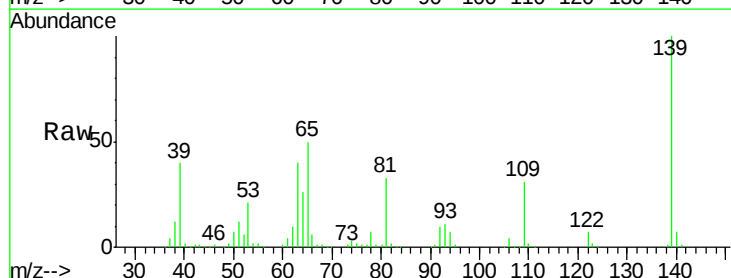
Tgt Ion: 139 Resp: 266650

Ion Ratio Lower Upper

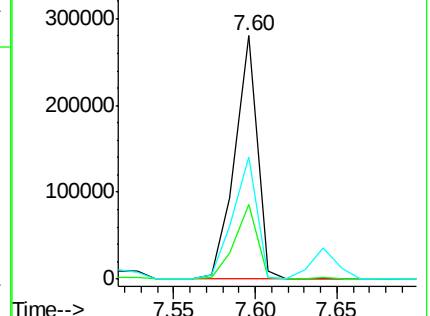
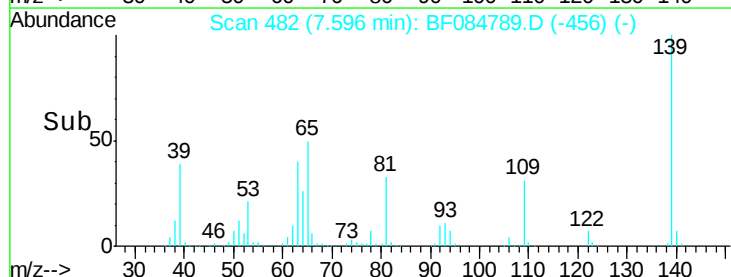
139 100

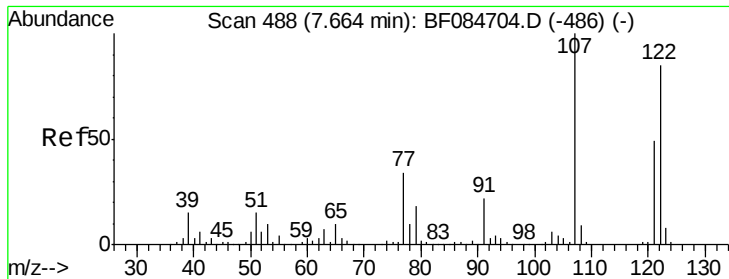
109 30.5 25.4 38.2

65 50.2 32.3 48.5#



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

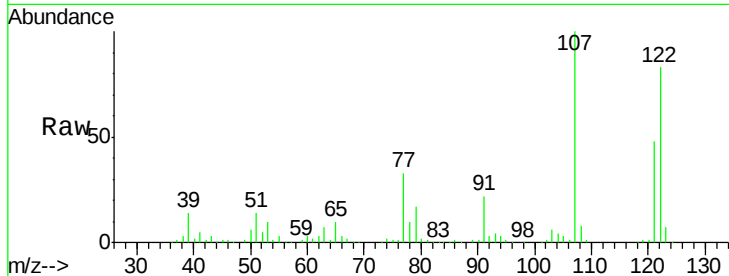




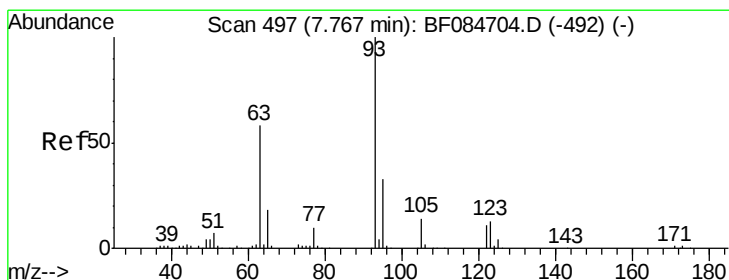
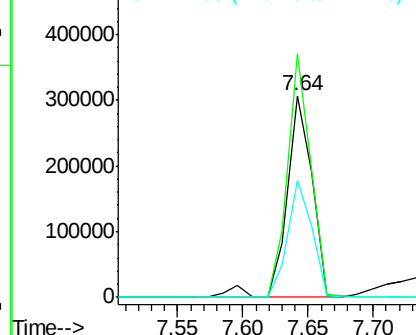
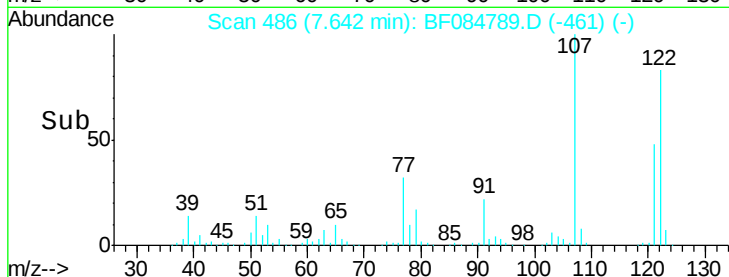
#27
 2,4-Dimethylphenol
 Concen: 33.46 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:122 Resp: 421715
 Ion Ratio Lower Upper
 122 100
 107 120.7 99.1 148.7
 121 57.9 47.9 71.9

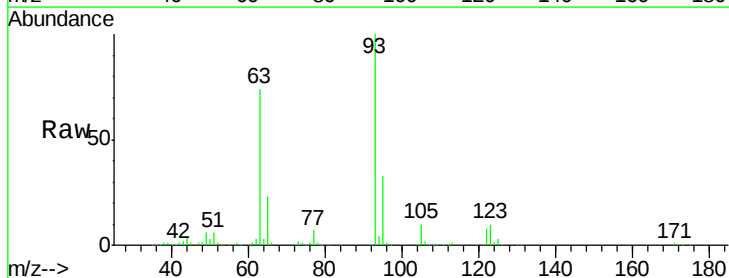


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

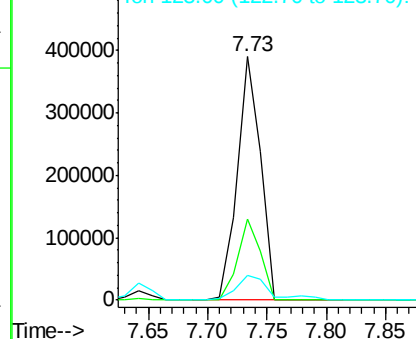
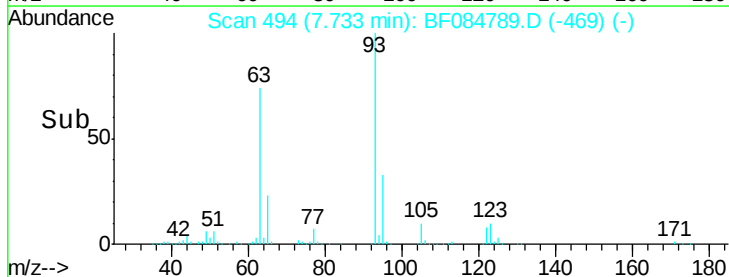


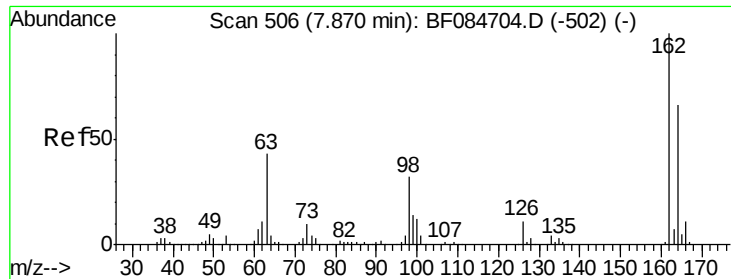
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.35 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion: 93 Resp: 527690
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.8 38.6
 123 10.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

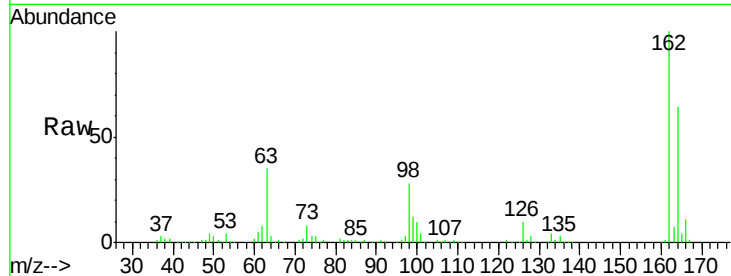




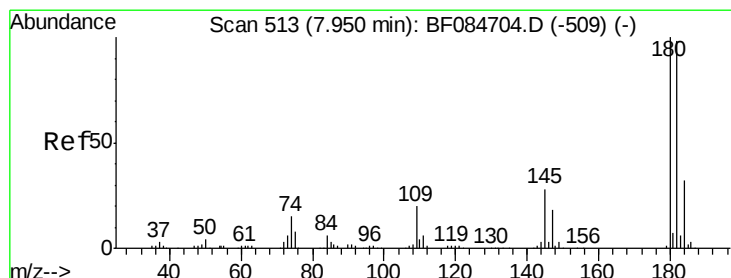
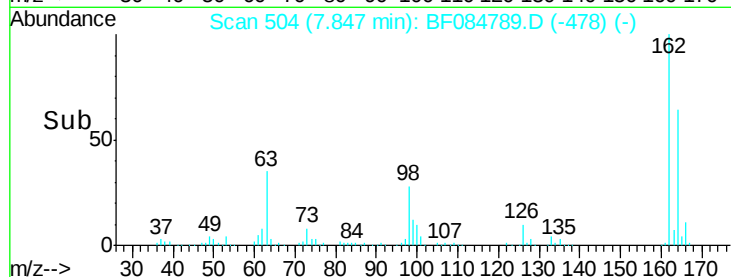
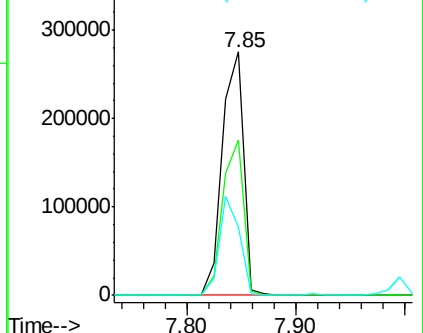
#29
 2,4-Dichlorophenol
 Concen: 34.65 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	27.8	20.2	60.2

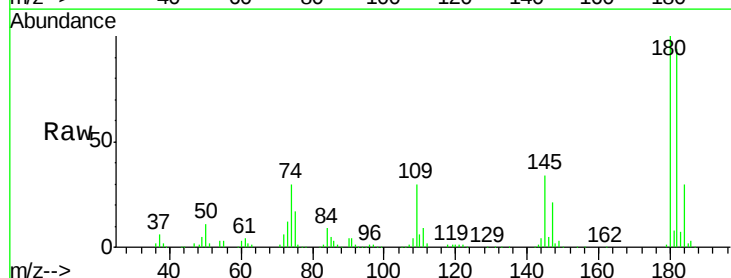


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

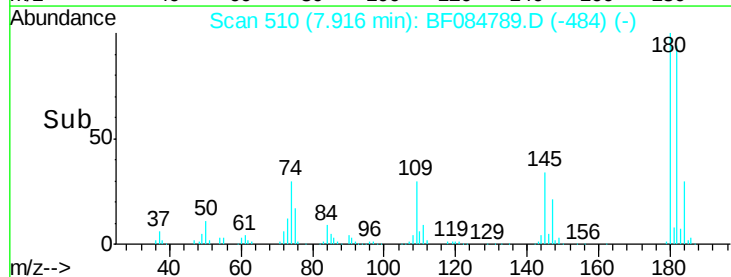
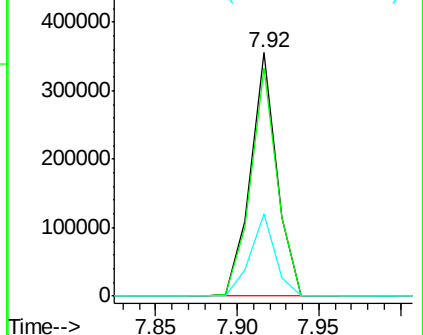


#30
 1,2,4-Trichlorobenzene
 Concen: 32.73 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	33.9	31.6	47.4



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





#31

Naphthalene

Concen: 33.15 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

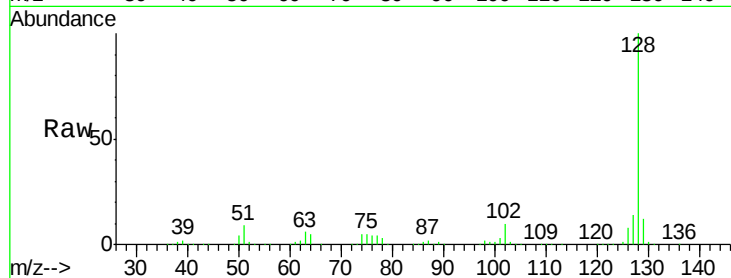
Tgt Ion:128 Resp: 1285086

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

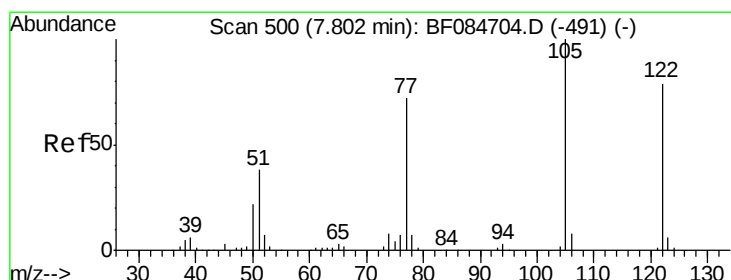
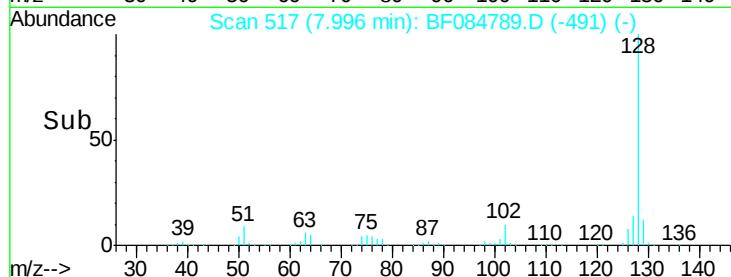
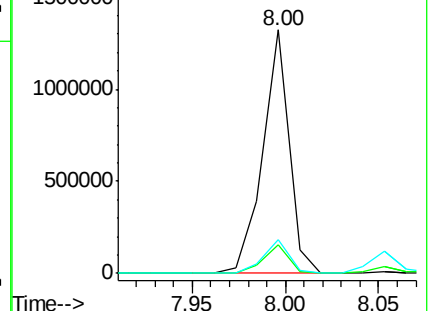
127 13.8 11.1 16.7



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: 32.33 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

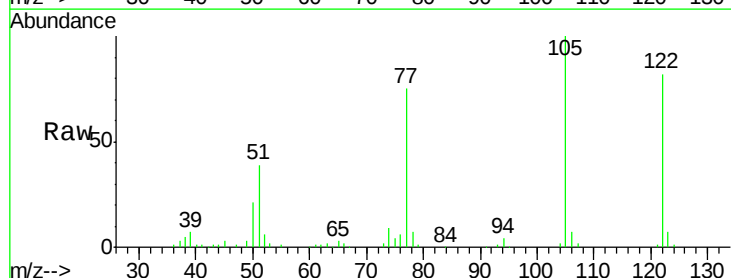
Tgt Ion:122 Resp: 260559

Ion Ratio Lower Upper

122 100

105 121.8 100.3 140.3

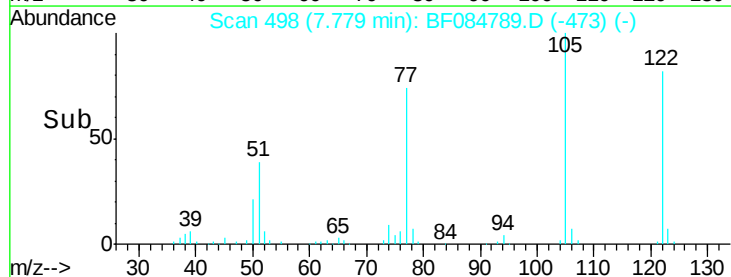
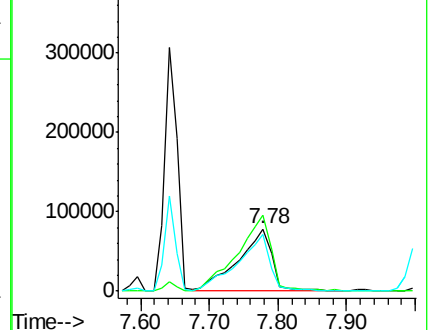
77 91.0 63.5 103.5

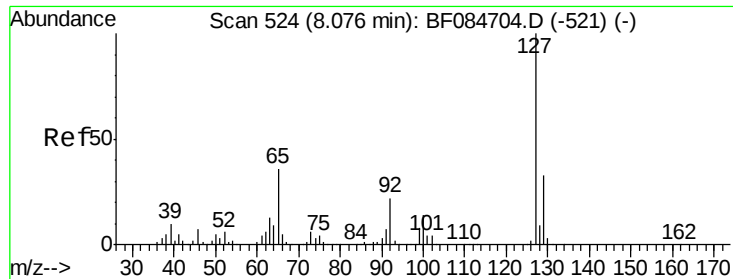


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

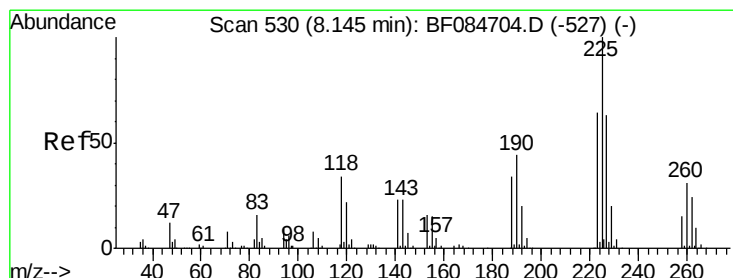
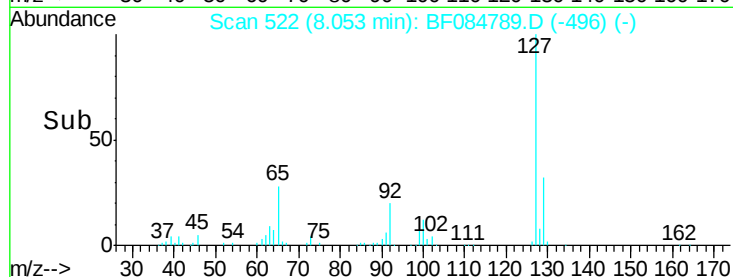
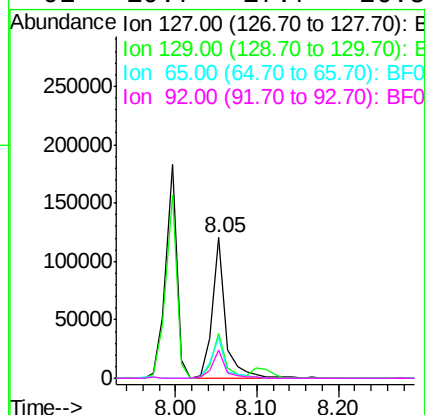
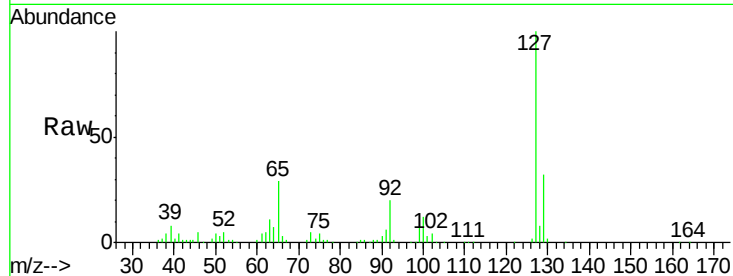




#33
4-Chloroaniline
Concen: 8.81 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

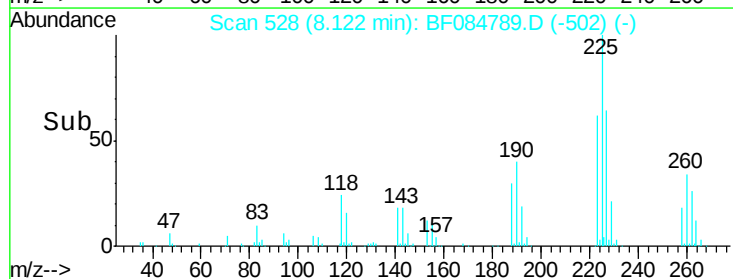
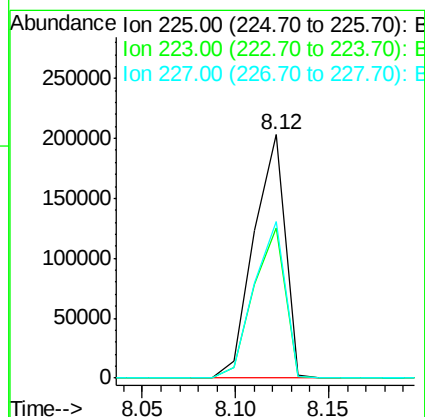
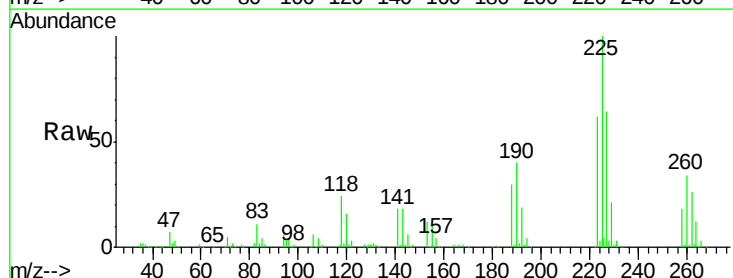
Instrument :
BNA_F
ClientSampleId :
PB88159BS

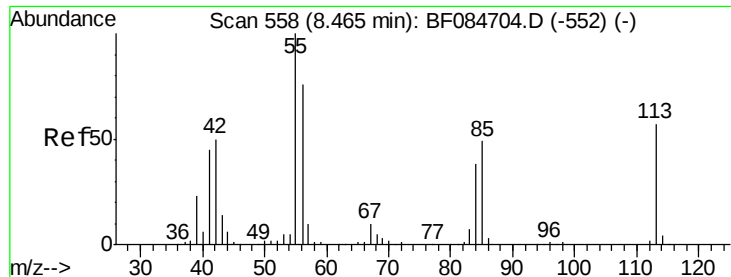
Tgt Ion:	127	Resp:	141218
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	29.5	27.2	40.8
92	19.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 33.60 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:	225	Resp:	235966
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.0
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 22.73 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

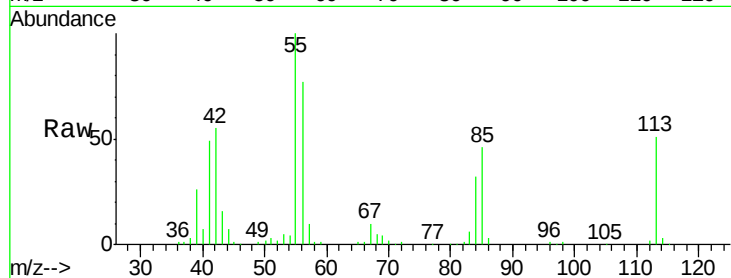
Tgt Ion:113 Resp: 75532

Ion Ratio Lower Upper

113 100

55 198.0 116.9 156.9#

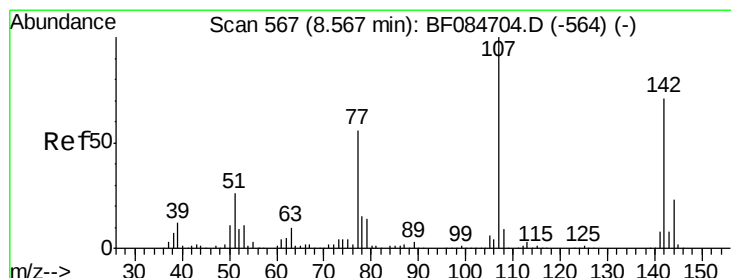
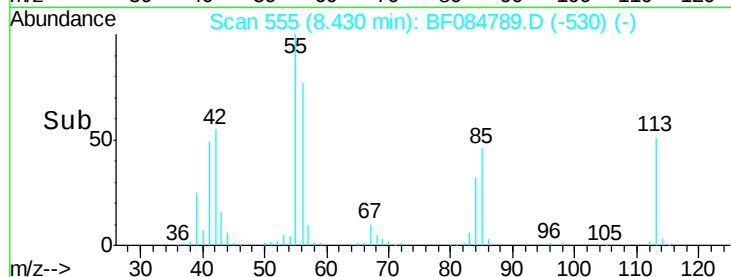
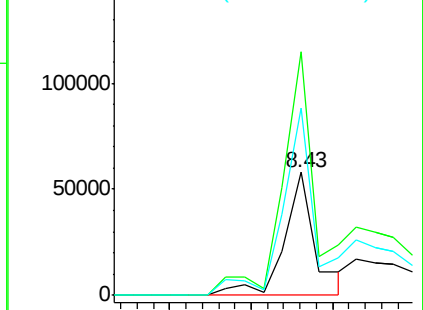
56 152.2 93.8 133.8#



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: 36.96 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

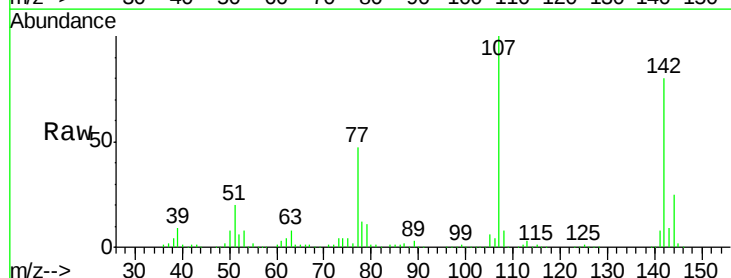
Tgt Ion:107 Resp: 454643

Ion Ratio Lower Upper

107 100

144 25.2 19.7 29.5

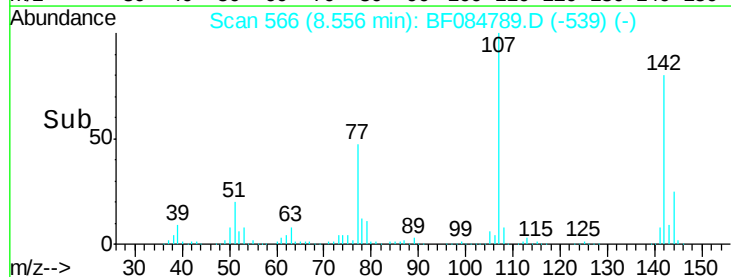
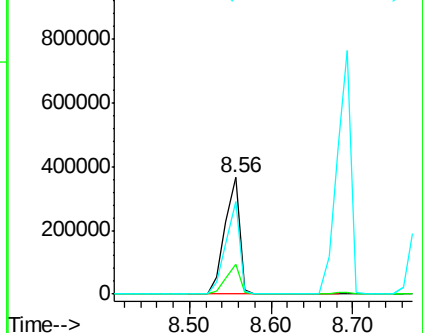
142 79.7 61.8 92.6

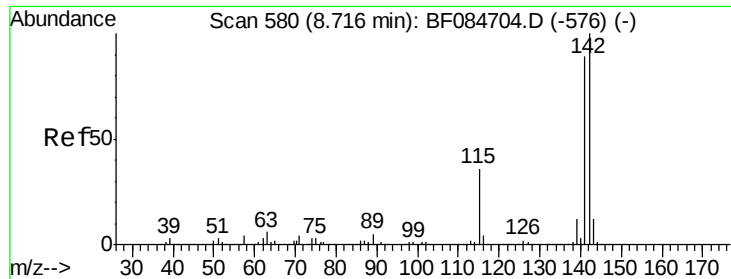


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

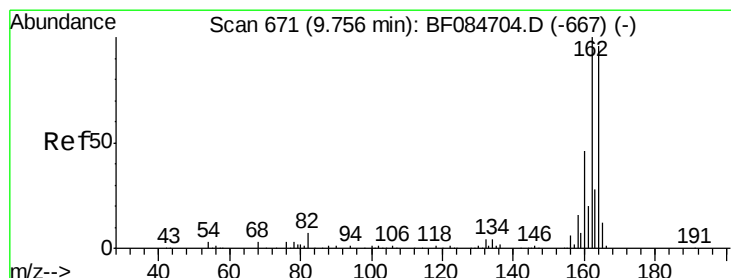
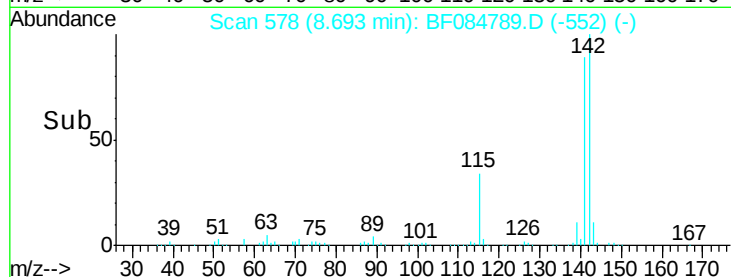
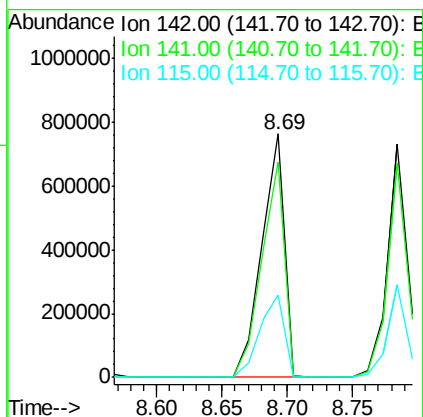
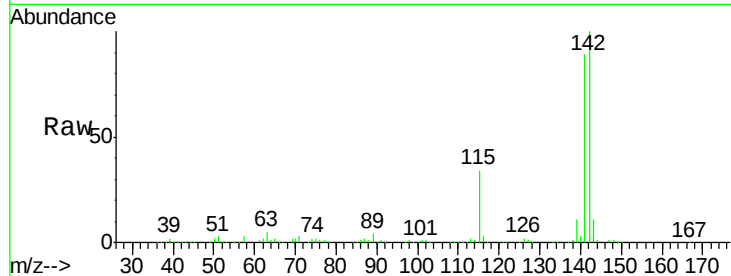




#37
 2-Methylnaphthalene
 Concen: 38.38 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

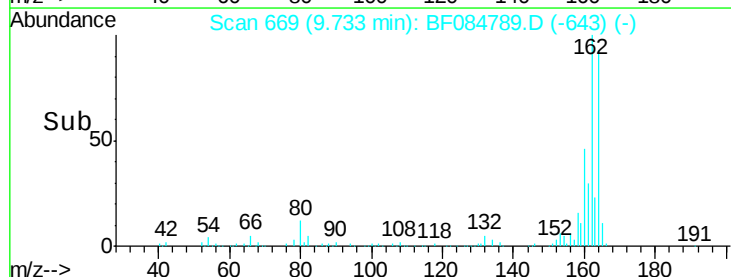
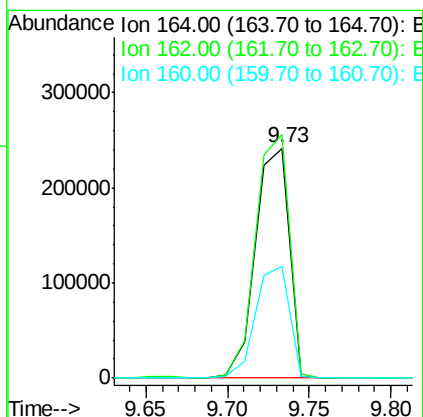
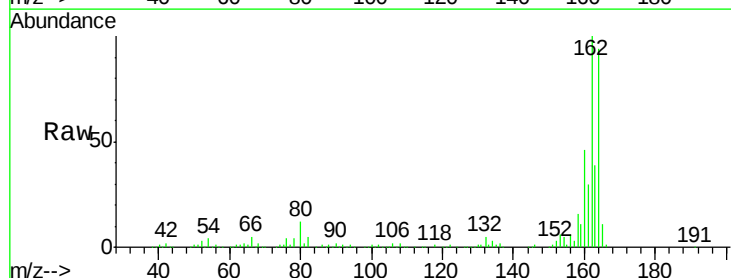
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

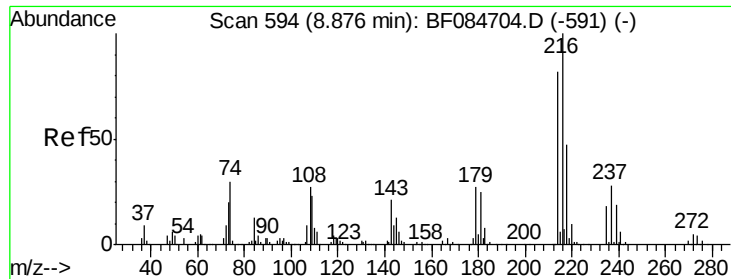
Tgt Ion:142 Resp: 931035
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.4 108.6
 115 33.7 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:164 Resp: 348545
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 48.6 37.5 56.3

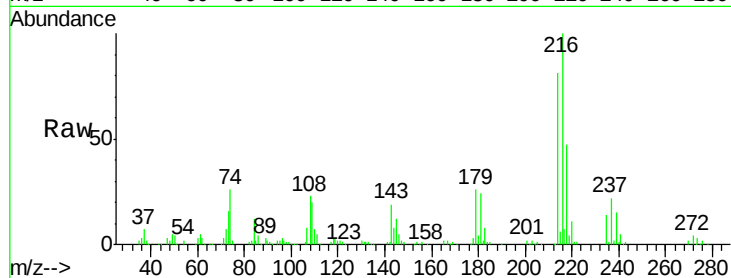




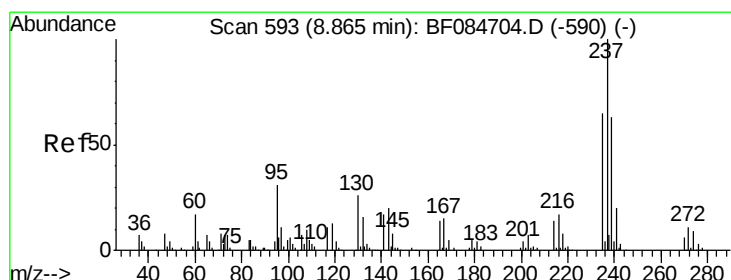
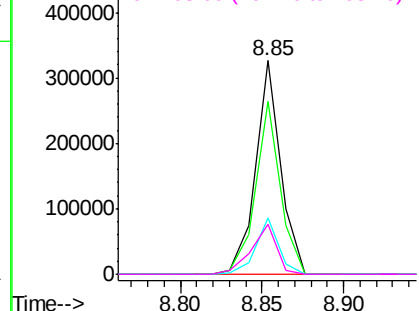
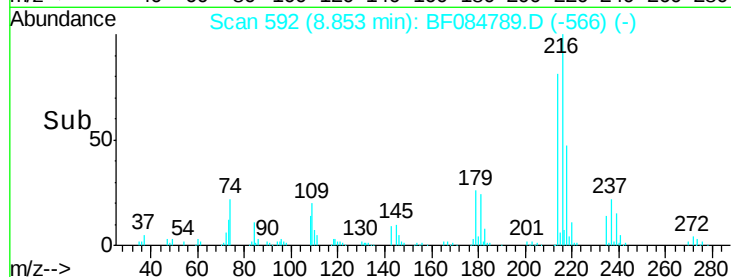
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.48 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleID :
 PB88159BS

Tgt Ion:	216	Resp:	348517
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.2	96.2
179	24.1	18.7	28.1
108	24.1	16.8	25.2

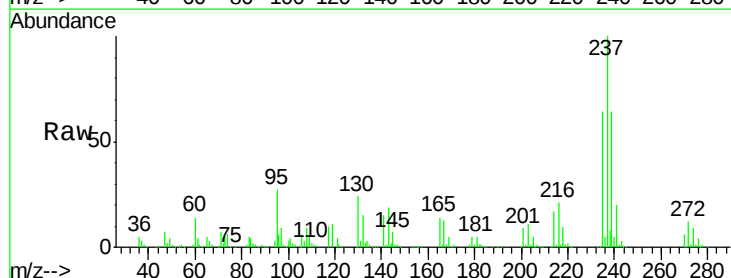


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

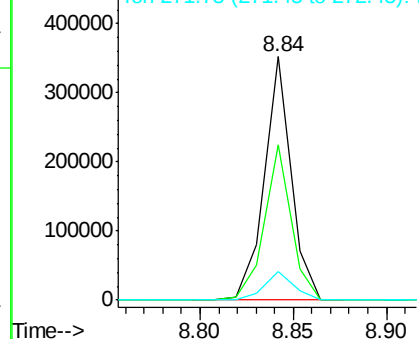
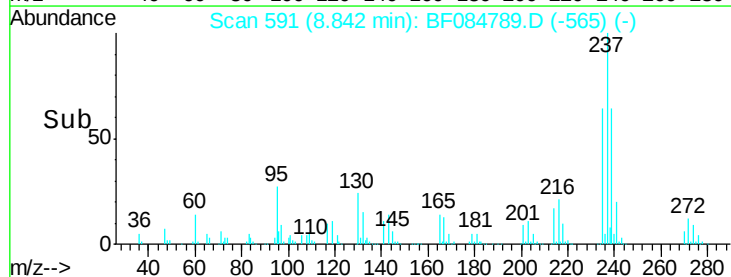


#40
 Hexachlorocyclopentadiene
 Concen: 73.81 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:	237	Resp:	349225
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.1	83.1
272	11.9	0.0	35.1



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

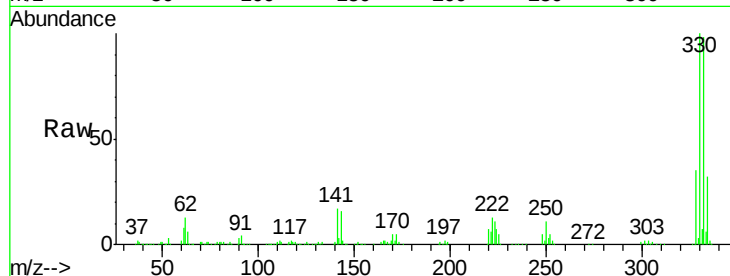




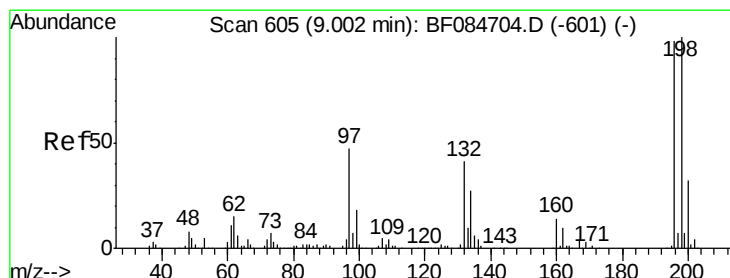
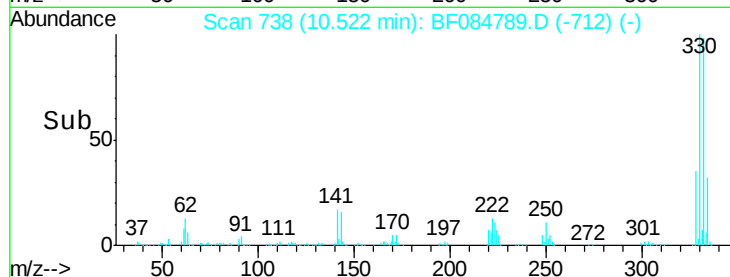
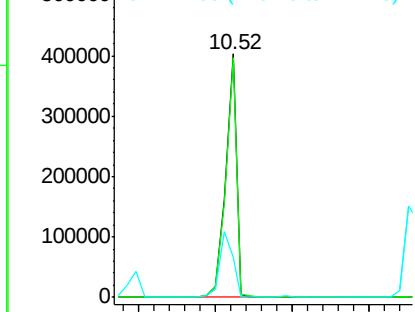
#41
 2,4,6-Tribromophenol
 Concen: 112.72 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:330 Resp: 409818
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 32.3 27.8 41.6

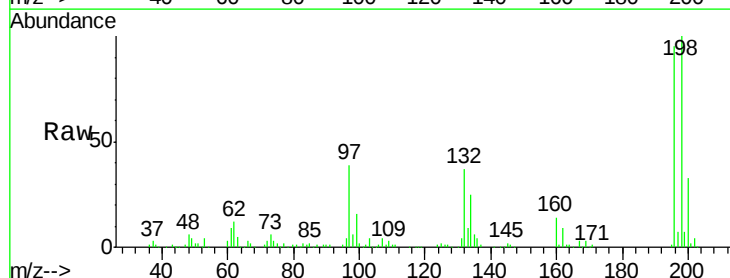


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

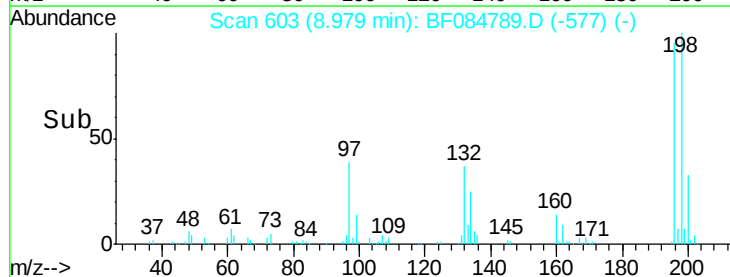
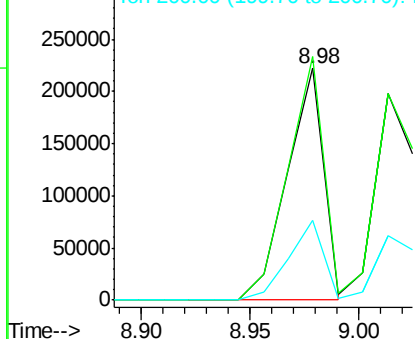


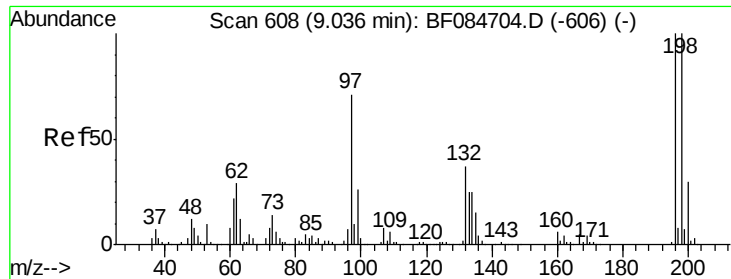
#42
 2,4,6-Trichlorophenol
 Concen: 36.46 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:196 Resp: 260004
 Ion Ratio Lower Upper
 196 100
 198 105.1 77.7 116.5
 200 34.4 24.6 37.0



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

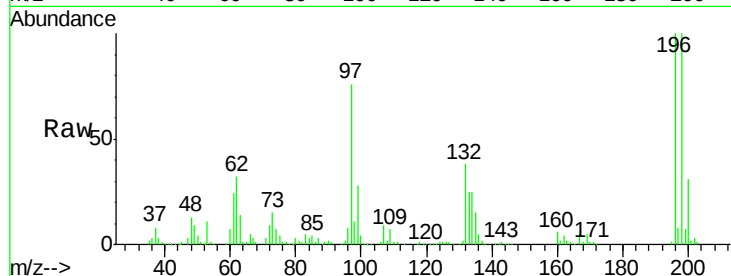




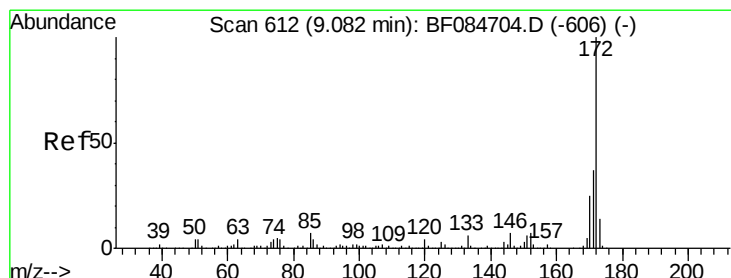
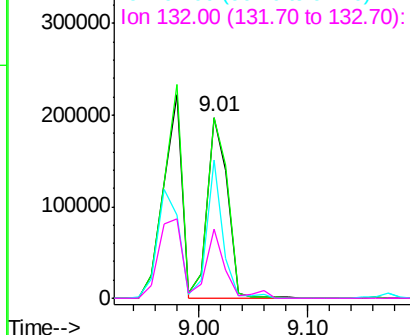
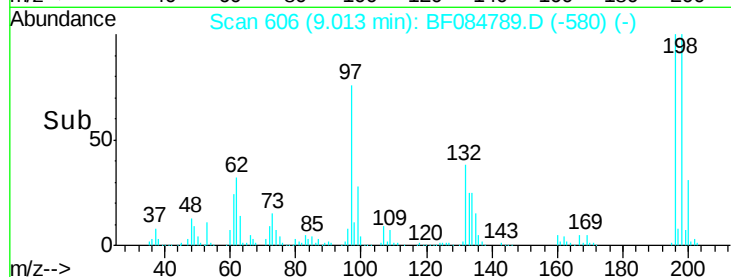
#43
 2,4,5-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:196 Resp: 255773
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.0 118.6
 97 76.4 33.0 49.6#
 132 38.1 21.1 31.7#

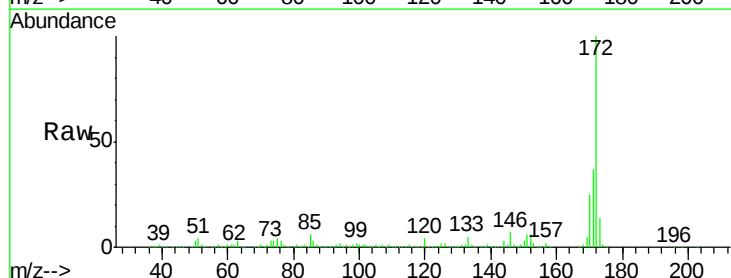


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

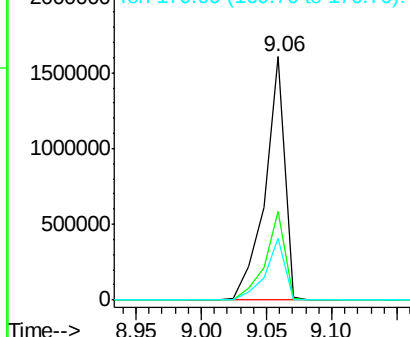
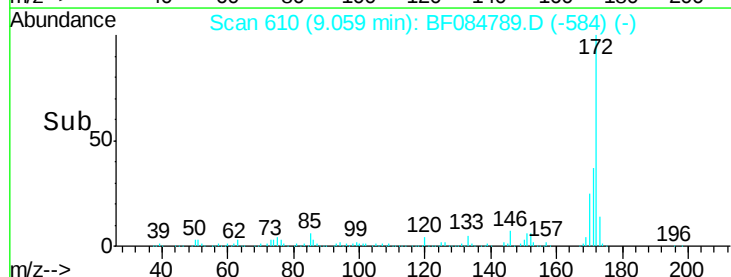


#44
 2-Fluorobiphenyl
 Concen: 80.44 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:172 Resp: 1695311
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 25.3 18.6 27.8



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

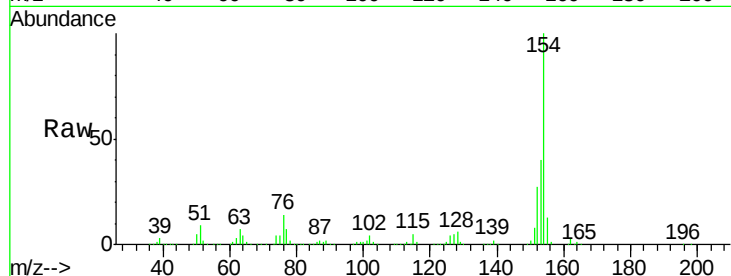




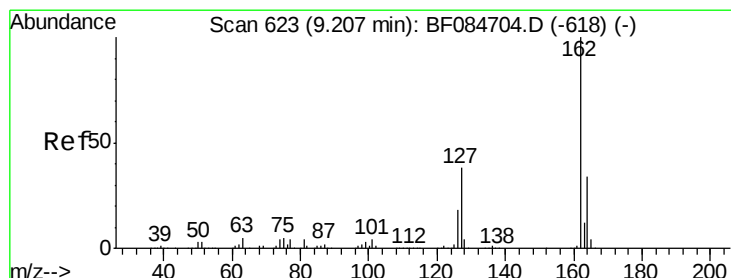
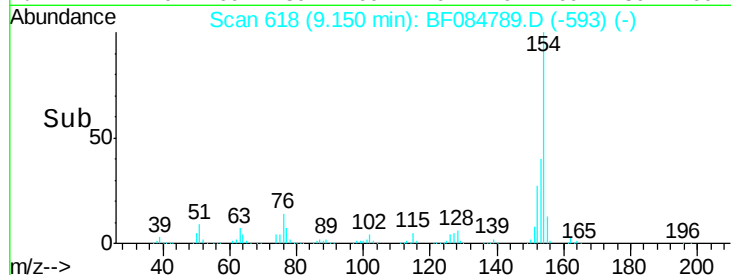
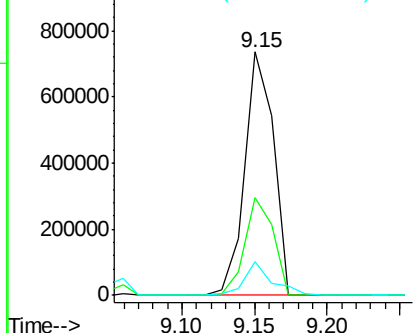
#45
 1,1'-Biphenyl
 Concen: 32.41 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:154 Resp: 1009132
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.6 61.6
 76 13.7 0.0 32.7

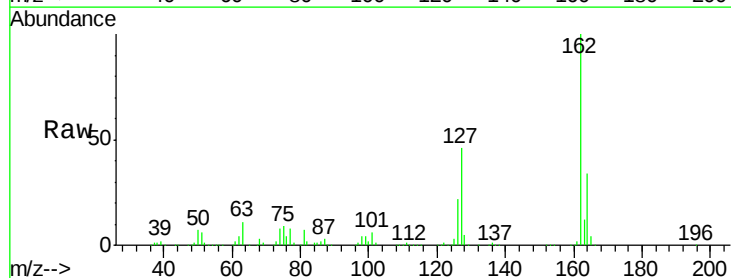


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

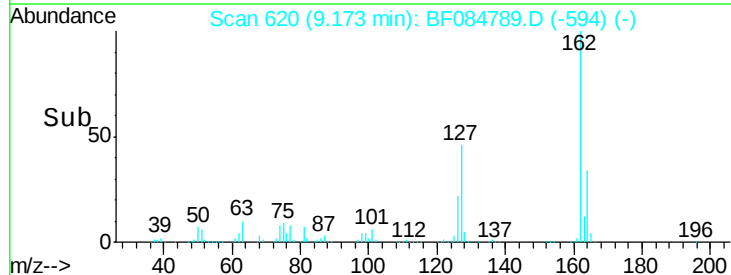
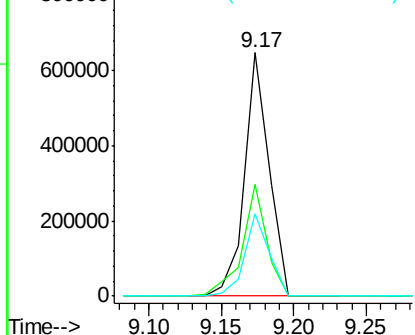


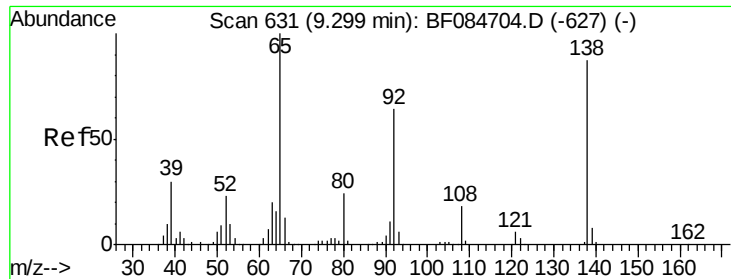
#46
 2-Chloronaphthalene
 Concen: 32.93 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:162 Resp: 754927
 Ion Ratio Lower Upper
 162 100
 127 45.9 40.2 60.4
 164 33.8 25.7 38.5



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

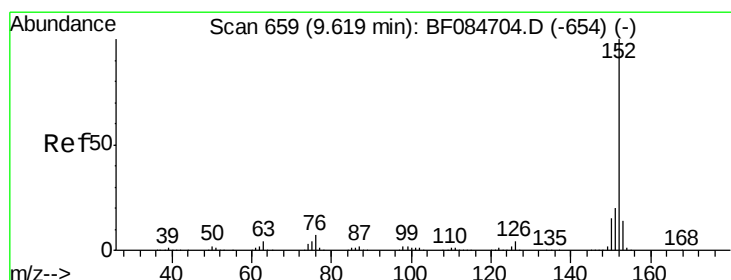
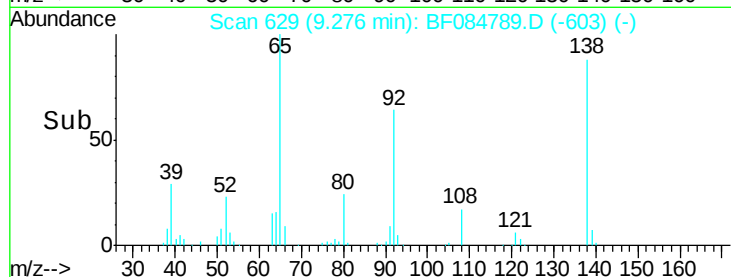
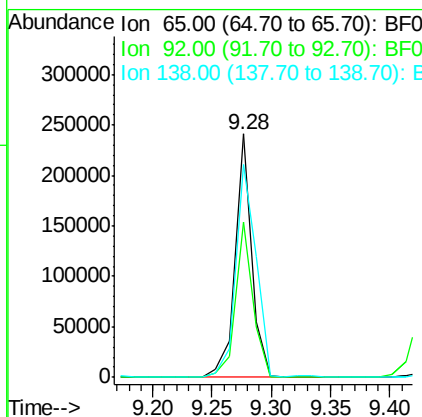
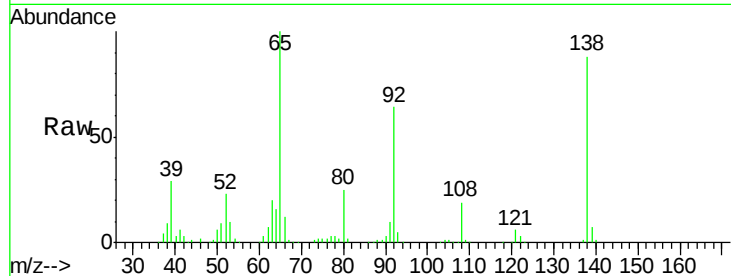




#47
2-Nitroaniline
Concen: 32.44 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

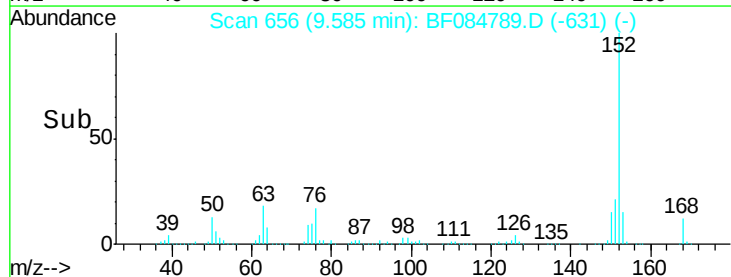
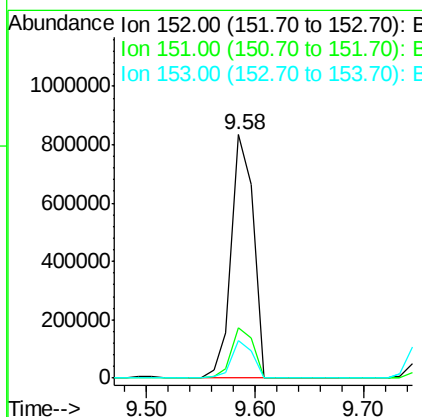
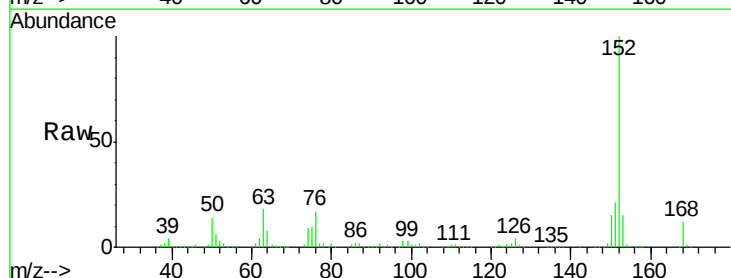
Instrument :
BNA_F
ClientSampleId :
PB88159BS

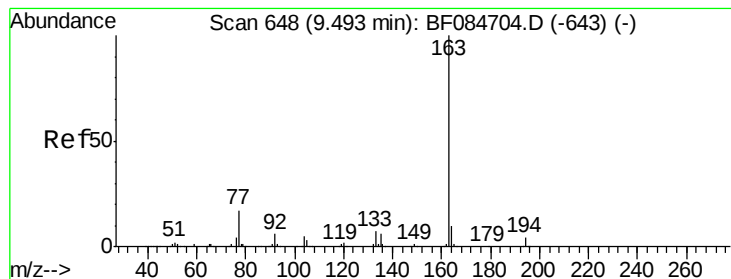
Tgt Ion: 65 Resp: 235488
Ion Ratio Lower Upper
65 100
92 63.9 53.4 80.2
138 87.5 71.1 106.7



#48
Acenaphthylene
Concen: 33.27 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion: 152 Resp: 1157421
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 15.2 10.4 15.6





#49

Dimethylphthalate

Concen: 36.28 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

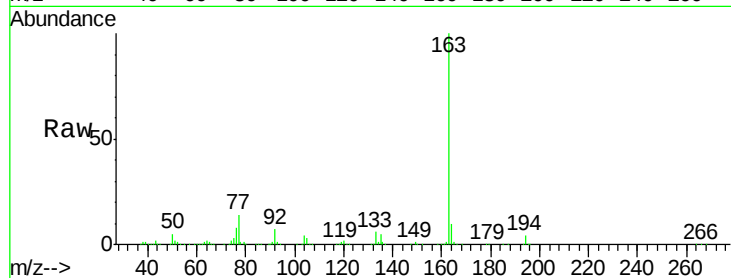
Instrument :

BNA_F

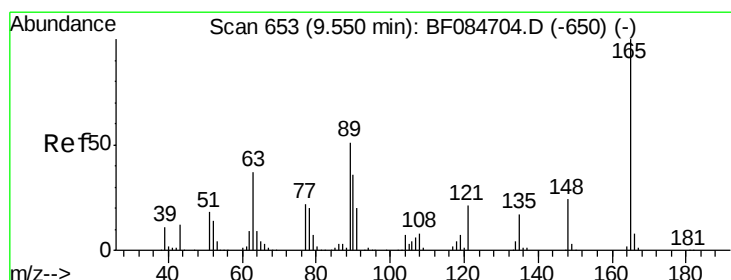
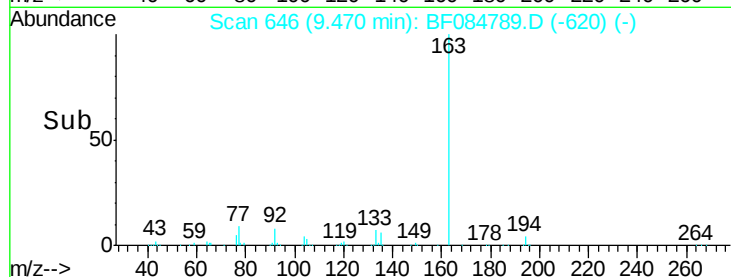
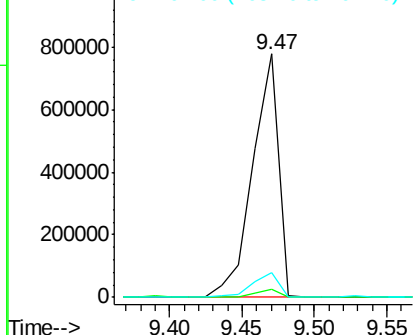
ClientSampleId :

PB88159BS

Tgt Ion:	163	Resp:	963143
Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	10.0	8.0	12.0



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



#50

2,6-Dinitrotoluene

Concen: 38.68 ng

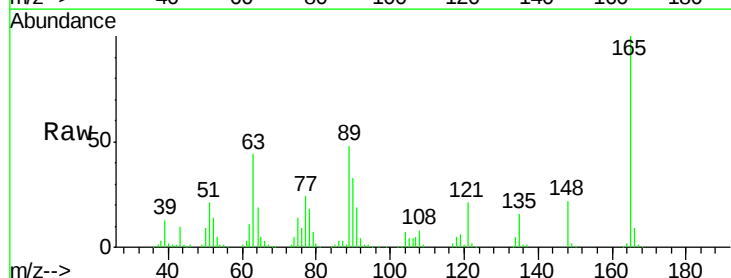
RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

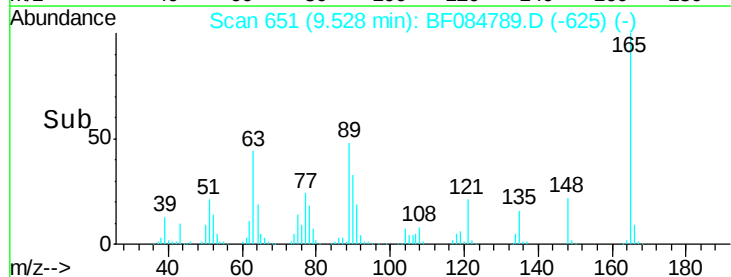
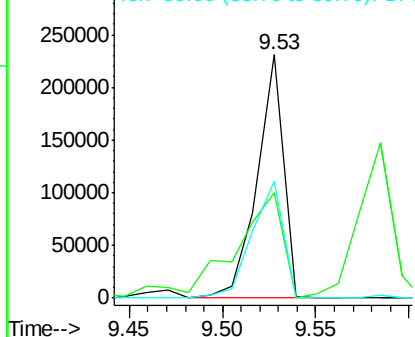
Lab File: BF084789.D

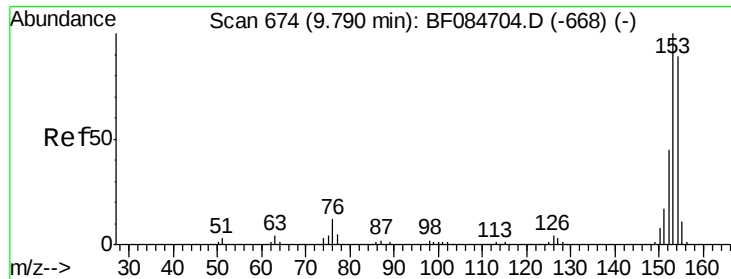
Acq: 3 Feb 2016 17:21

Tgt Ion:	165	Resp:	224292
Ion	Ratio	Lower	Upper
165	100		
63	43.5	28.8	43.2#
89	48.2	35.1	52.7



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: 33.06 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

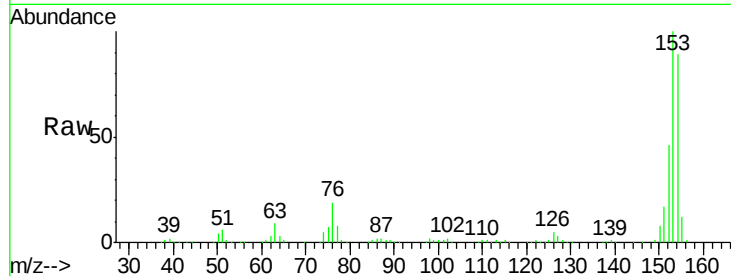
Tgt Ion:154 Resp: 748381

Ion Ratio Lower Upper

154 100

153 112.1 91.5 137.3

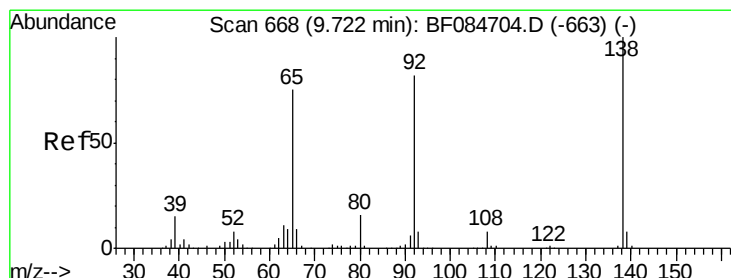
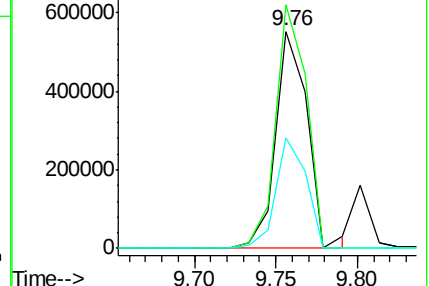
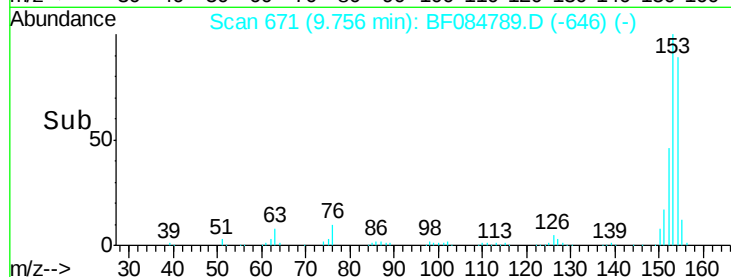
152 51.1 43.0 64.6



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: 16.08 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

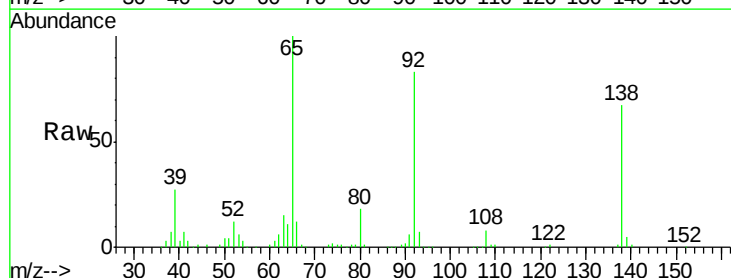
Tgt Ion:138 Resp: 104757

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

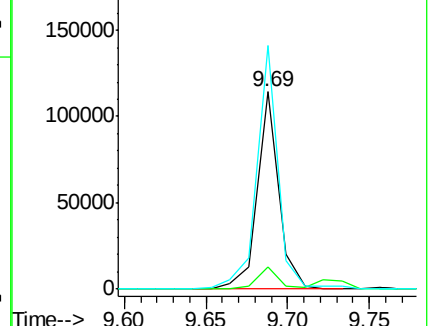
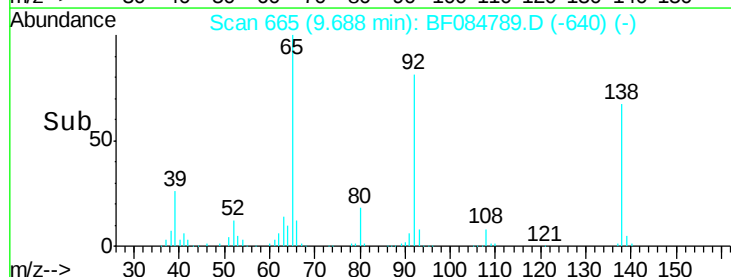
92 123.4 103.9 155.9

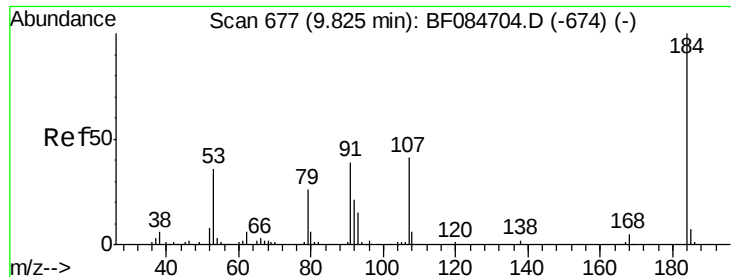


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

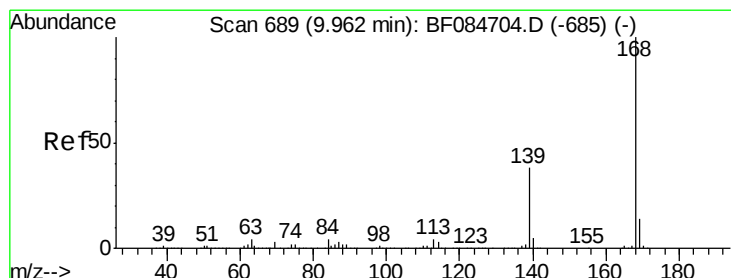
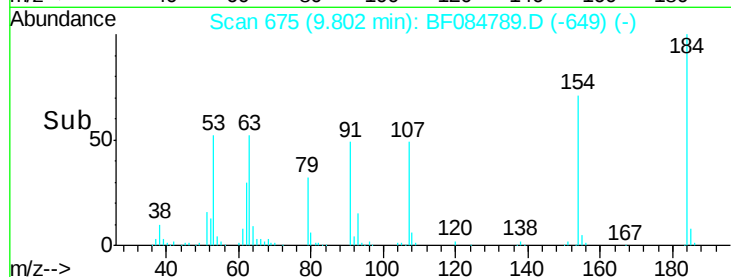
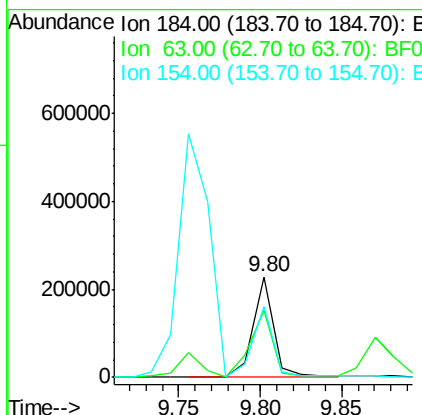
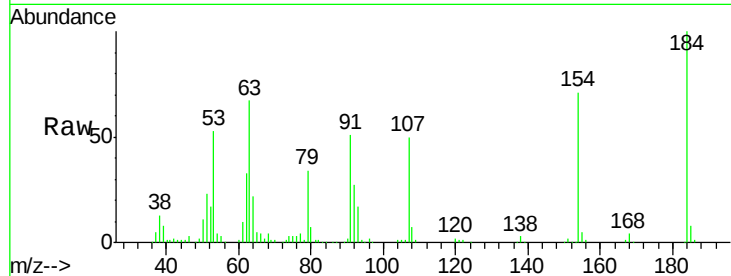




#53
 2,4-Dinitrophenol
 Concen: 76.41 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

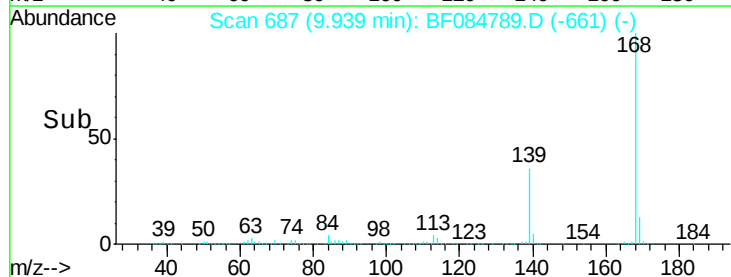
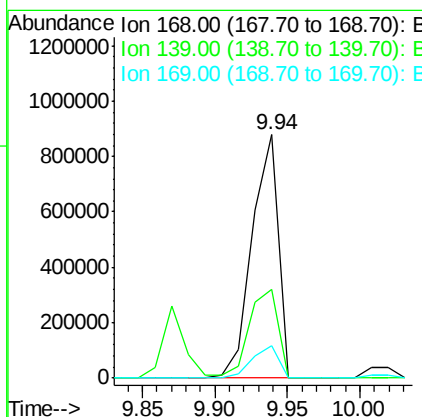
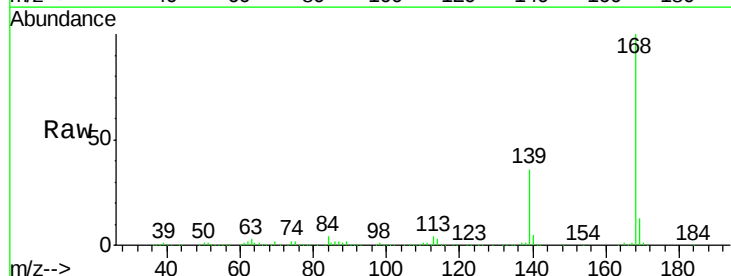
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

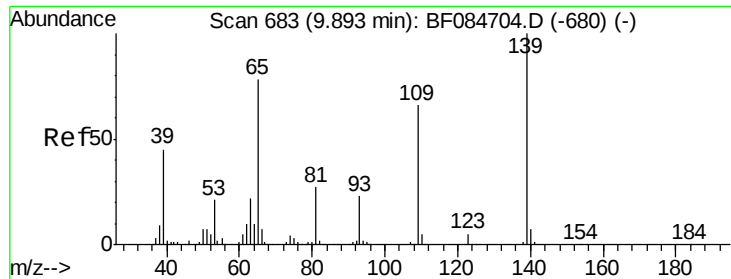
Tgt Ion:184 Resp: 203757
 Ion Ratio Lower Upper
 184 100
 63 66.9 43.1 64.7#
 154 70.6 60.5 90.7



#54
 Dibenzofuran
 Concen: 39.70 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:168 Resp: 1098352
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.5 45.7
 169 13.1 10.4 15.6

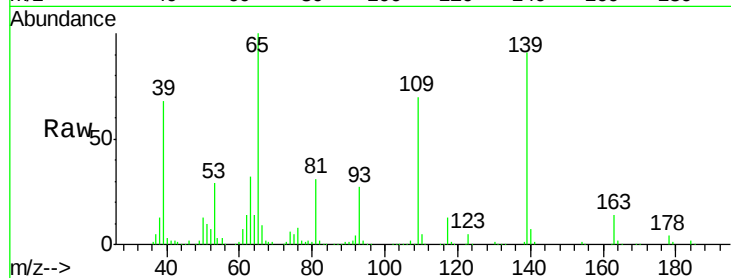




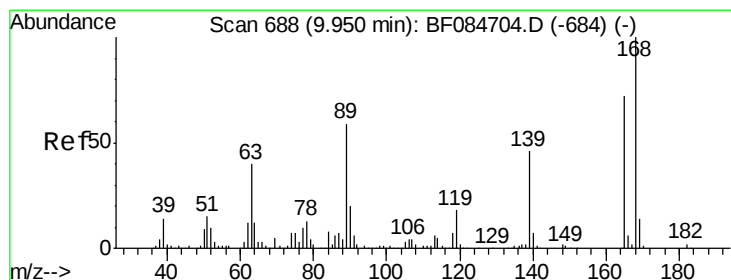
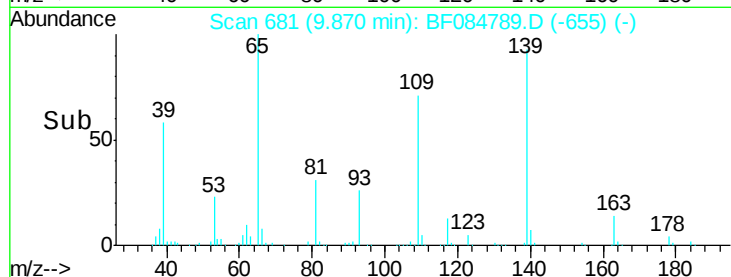
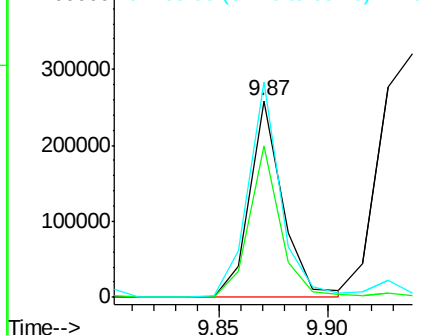
#55
4-Nitrophenol
Concen: 57.55 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tgt Ion:139 Resp: 275630
Ion Ratio Lower Upper
139 100
109 77.0 58.5 98.5
65 109.5 57.6 97.6#

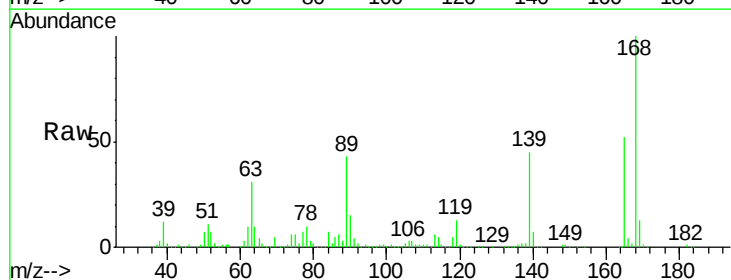


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

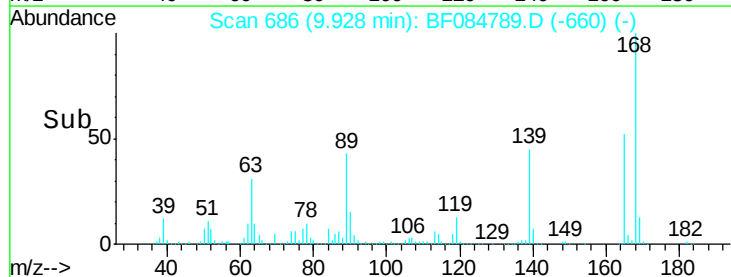
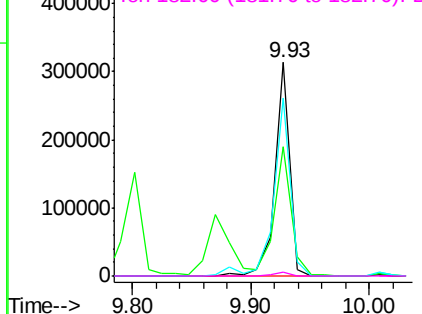


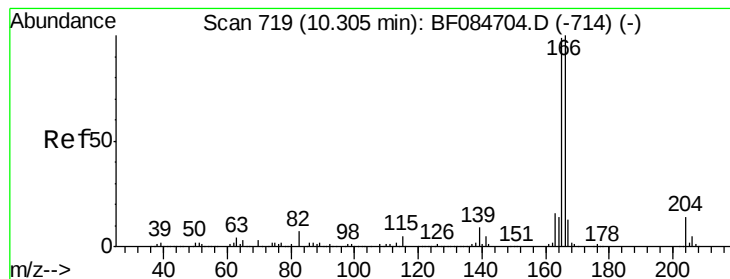
#56
2,4-Dinitrotoluene
Concen: 36.73 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:165 Resp: 271690
Ion Ratio Lower Upper
165 100
63 60.4 36.7 55.1#
89 83.1 61.9 92.9
182 2.0 2.0 3.0#



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





#57

Fluorene

Concen: 34.75 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

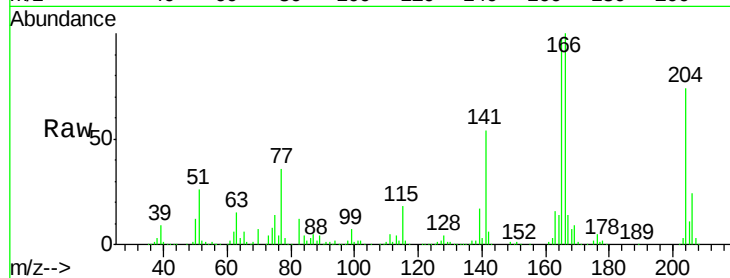
Tgt Ion:166 Resp: 802814

Ion Ratio Lower Upper

166 100

165 97.2 79.1 118.7

167 14.0 10.4 15.6

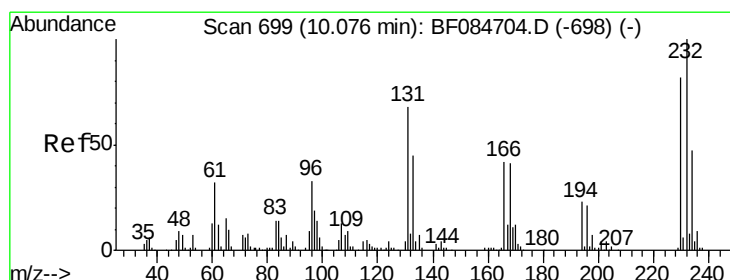
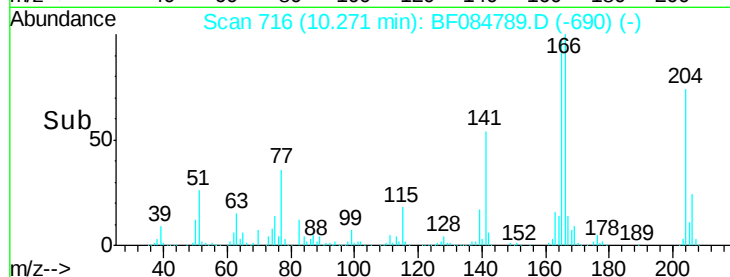
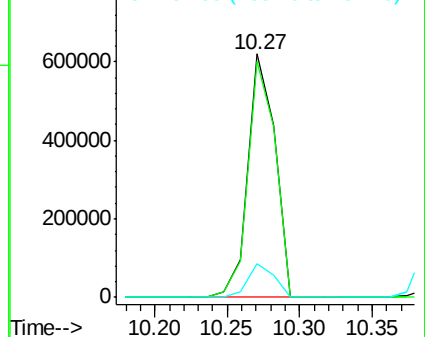


Abundance

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: 37.38 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:232 Resp: 206185

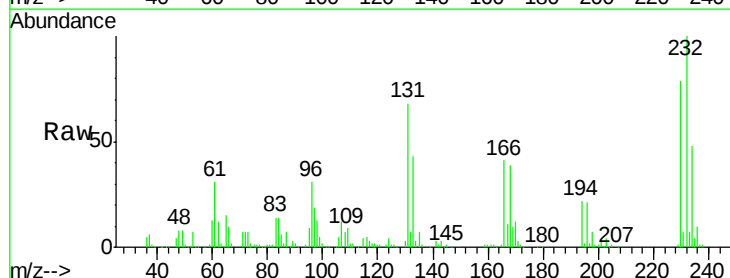
Ion Ratio Lower Upper

232 100

131 53.2 47.0 70.6

130 2.7 2.0 3.0

166 33.9 30.5 45.7



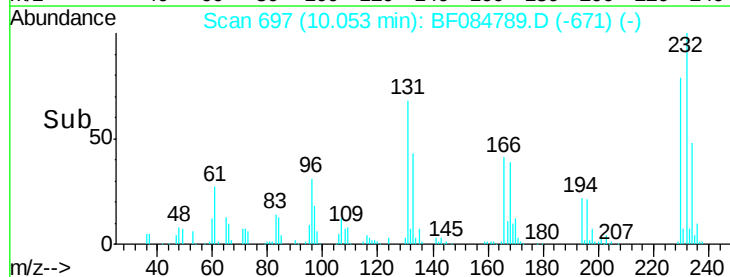
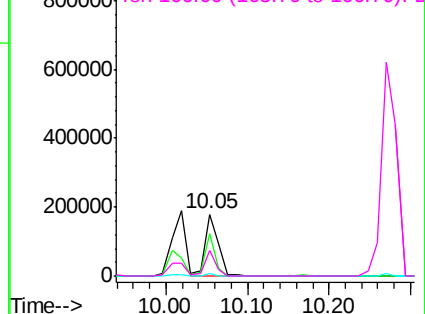
Abundance

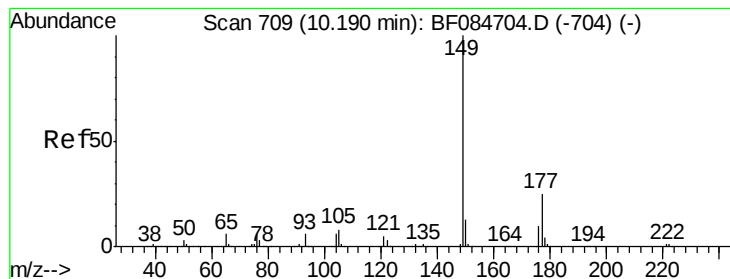
Ion 232.00 (231.70 to 232.70): E

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: 36.27 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampled :

PB88159BS

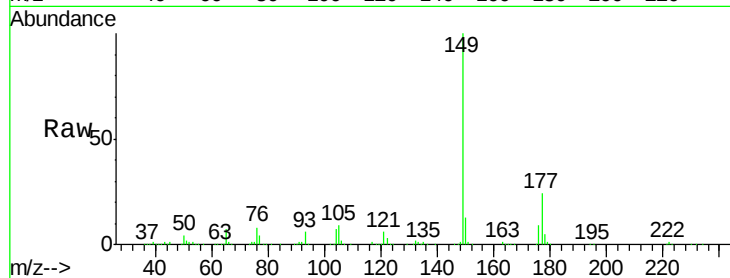
Tgt Ion:149 Resp: 940243

Ion Ratio Lower Upper

149 100

177 24.2 17.3 25.9

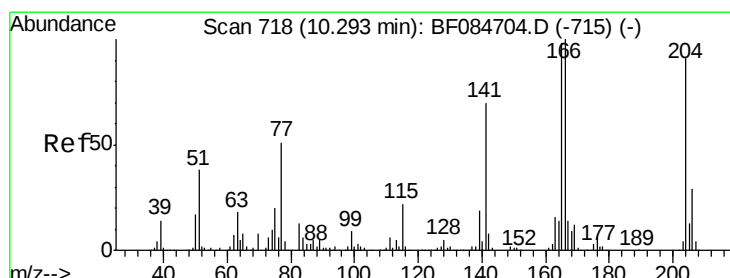
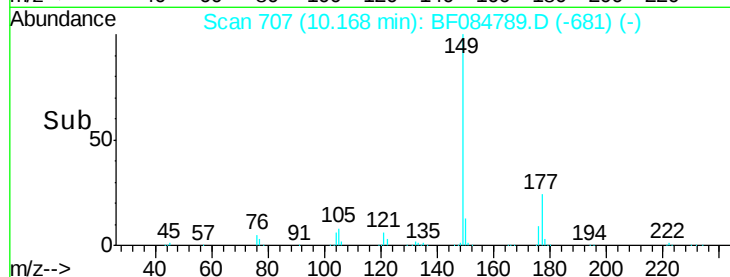
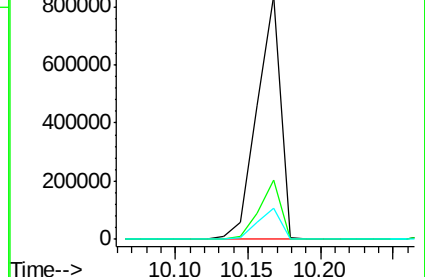
150 12.6 9.8 14.8



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: 38.73 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

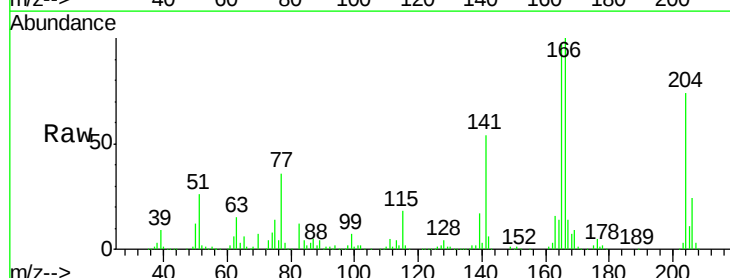
Tgt Ion:204 Resp: 385729

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

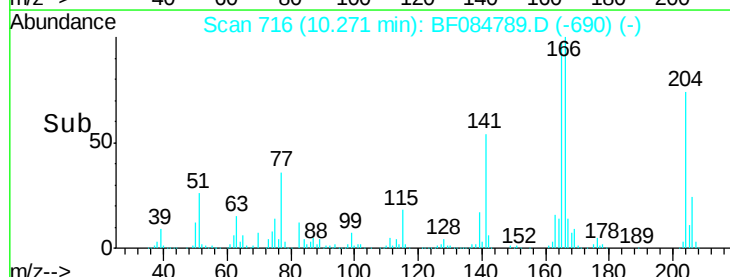
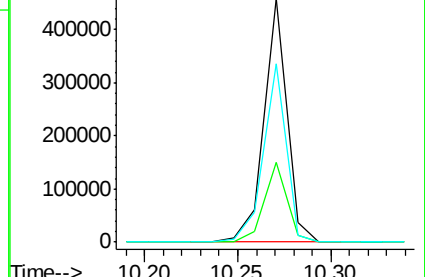
141 73.0 55.1 82.7

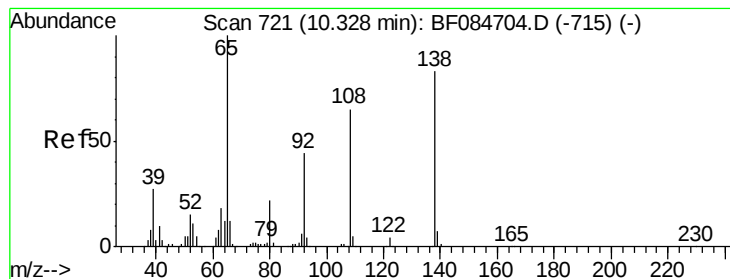


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.55 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

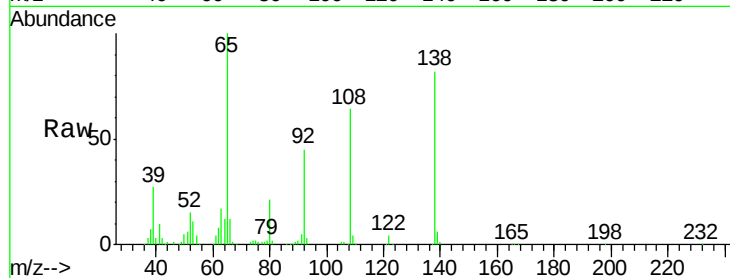
Tgt Ion:138 Resp: 200347

Ion Ratio Lower Upper

138 100

92 54.5 32.6 72.6

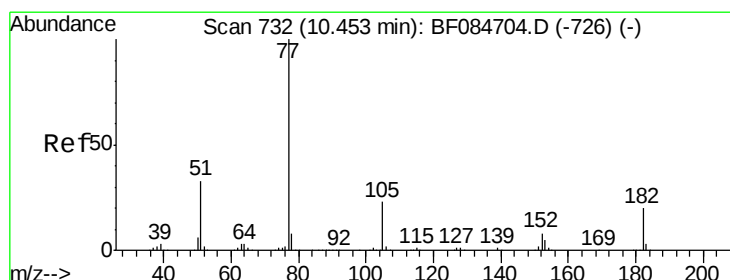
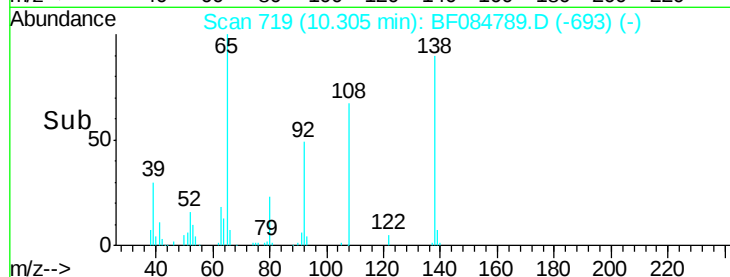
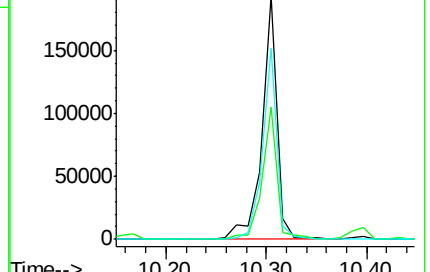
108 78.2 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.03 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion: 77 Resp: 997842

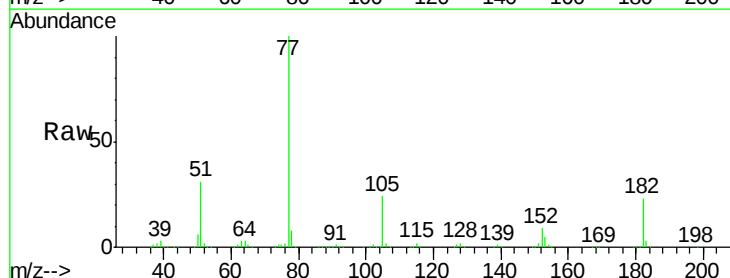
Ion Ratio Lower Upper

77 100

182 22.9 8.3 48.3

105 23.8 4.6 44.6

51 31.3 6.2 46.2

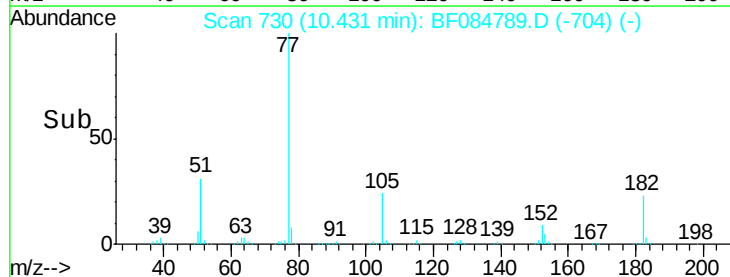
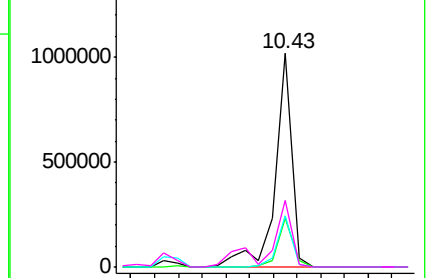


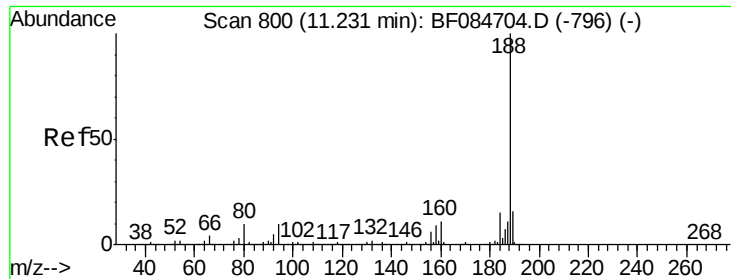
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

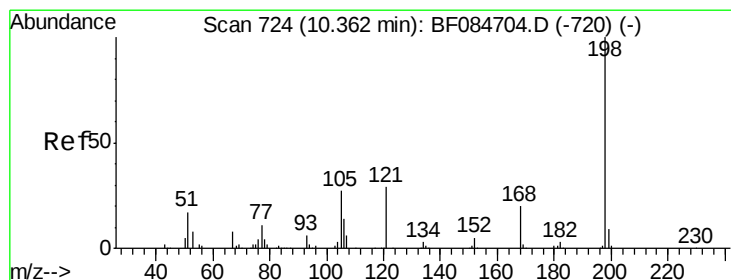
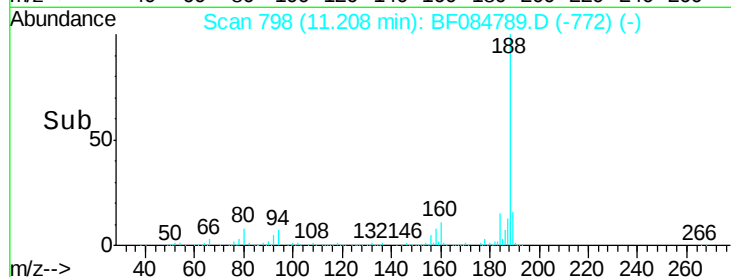
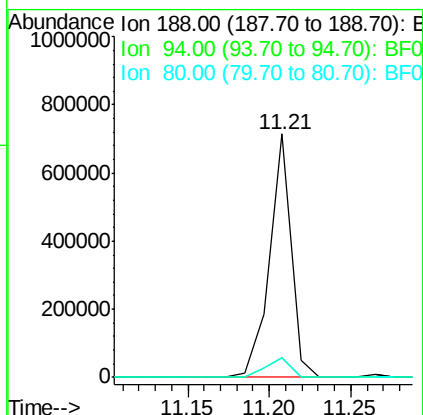
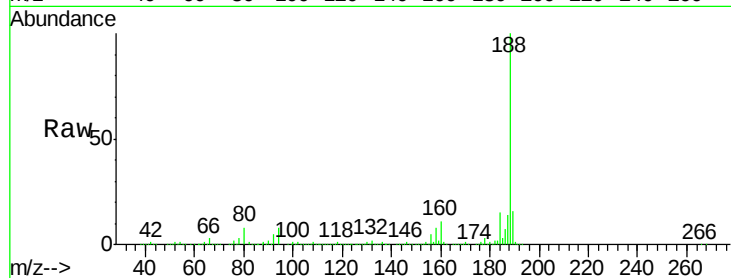




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

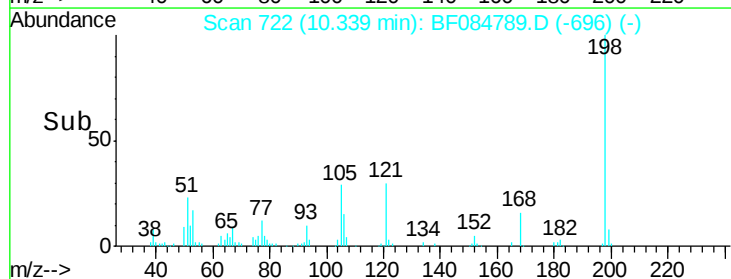
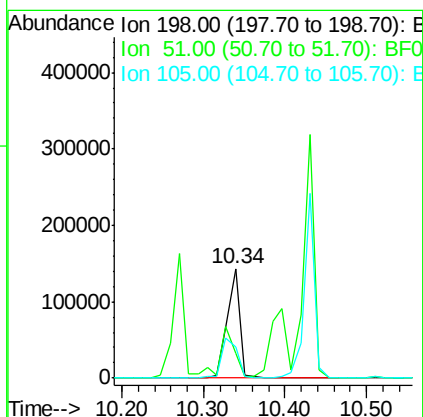
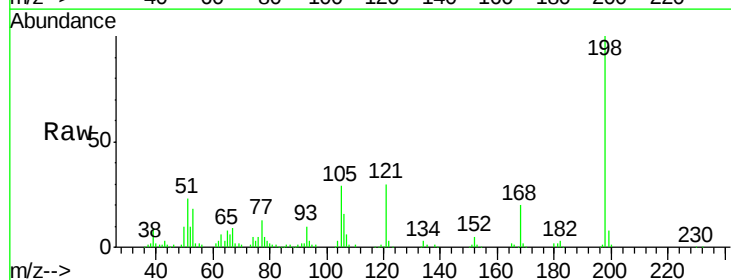
Instrument :
BNA_F
ClientSampleId :
PB88159BS

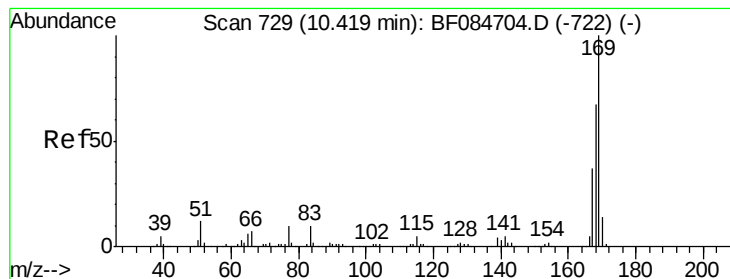
Tgt Ion:188 Resp: 662869
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.4#
80 7.9 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.27 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:198 Resp: 152464
Ion Ratio Lower Upper
198 100
51 22.8 18.9 58.9
105 28.6 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

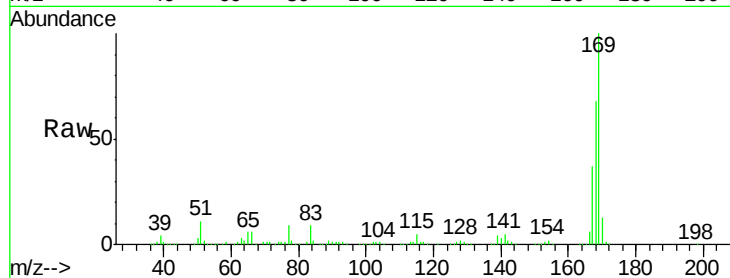
Tgt Ion:169 Resp: 807890

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

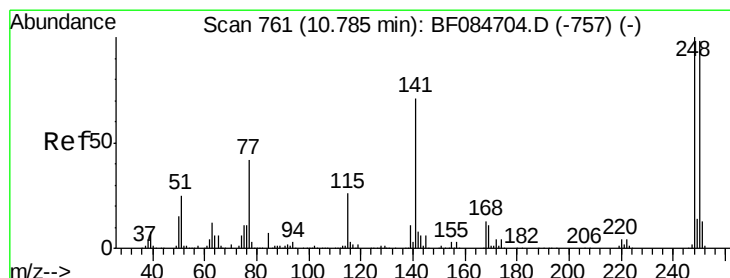
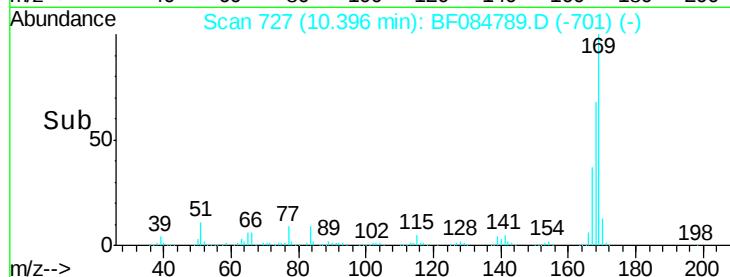
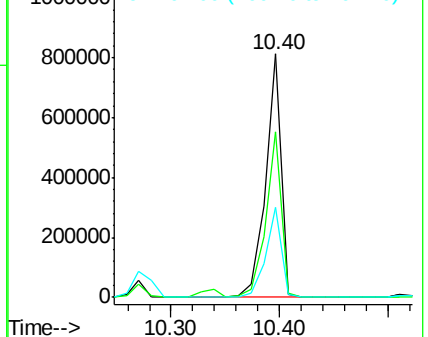
167 37.1 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.46 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

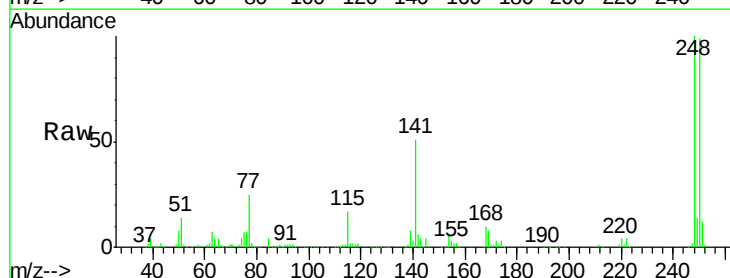
Tgt Ion:248 Resp: 259635

Ion Ratio Lower Upper

248 100

250 99.3 78.4 117.6

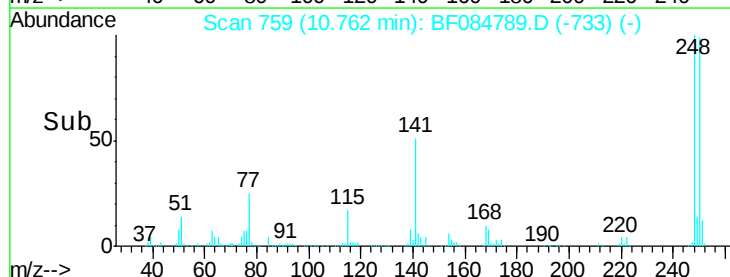
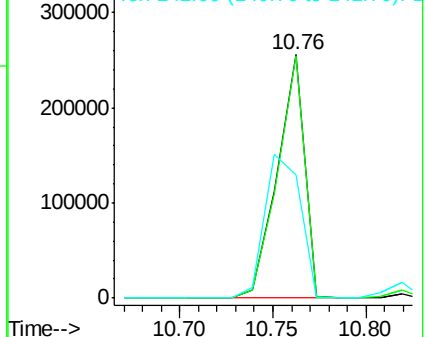
141 50.9 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

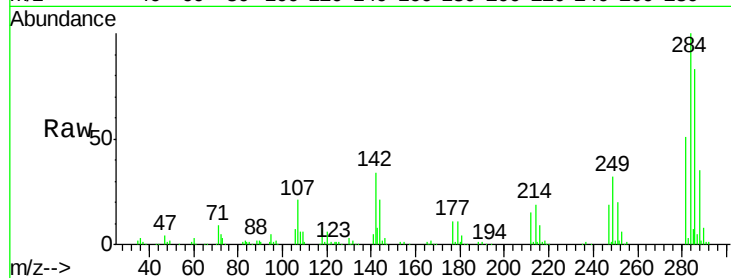




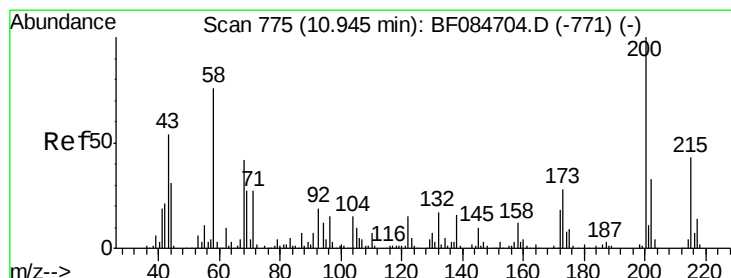
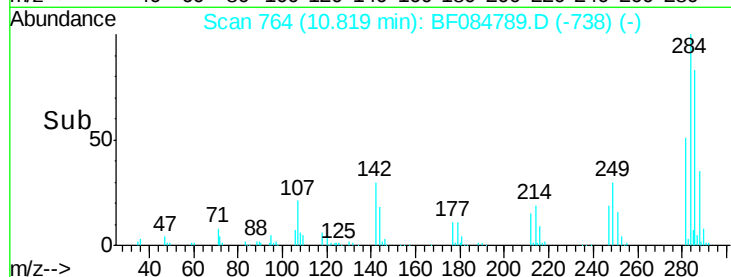
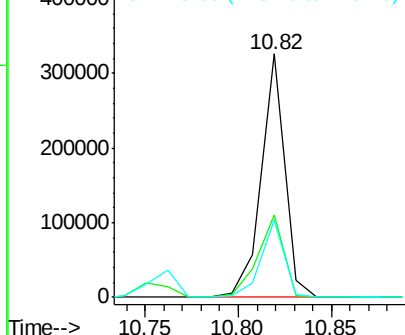
#67
Hexachlorobenzene
Concen: 35.33 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tgt Ion:284 Resp: 281874
Ion Ratio Lower Upper
284 100
142 33.8 22.2 33.4#
249 31.6 24.6 37.0

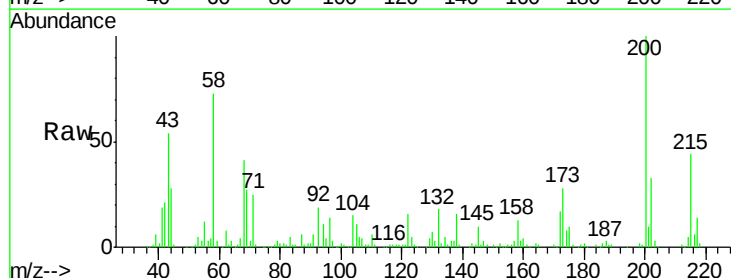


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

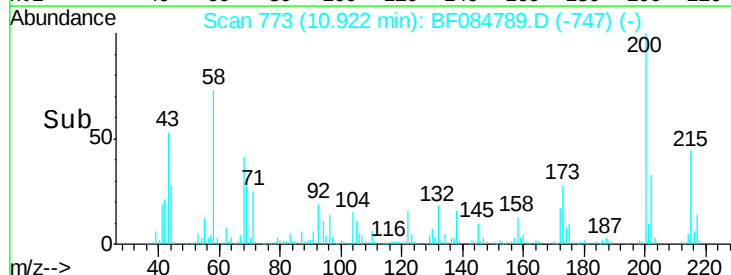
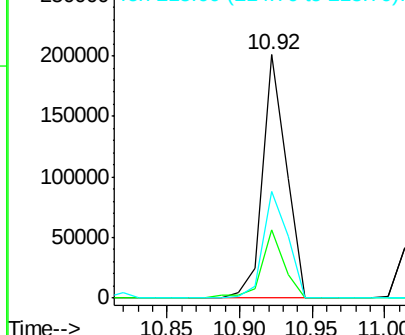


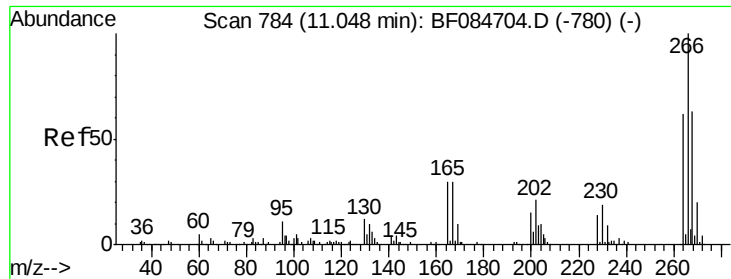
#68
Atrazine
Concen: 34.05 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:200 Resp: 226333
Ion Ratio Lower Upper
200 100
173 28.2 9.5 49.5
215 44.0 23.8 63.8



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

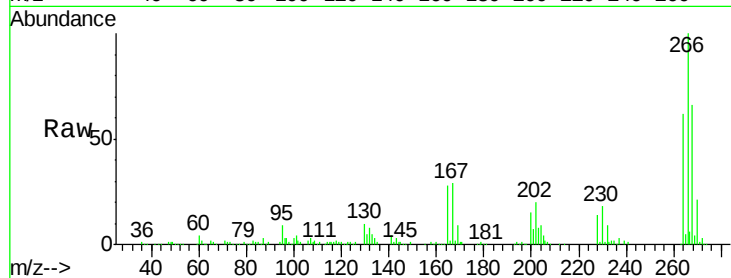




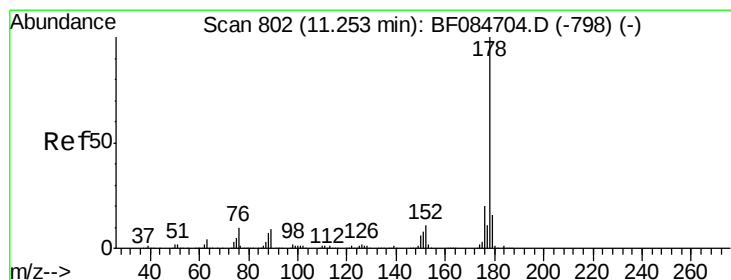
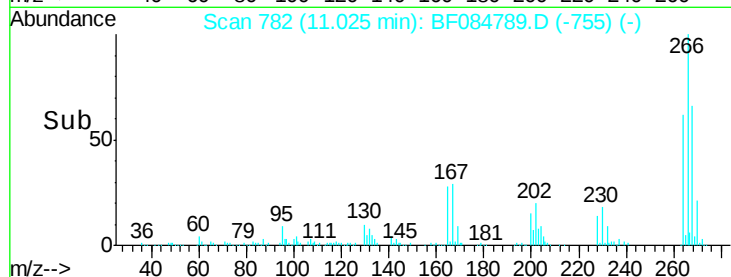
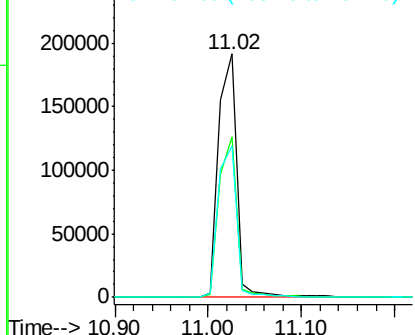
#69
 Pentachlorophenol
 Concen: 69.21 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:266 Resp: 259468
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.4 78.6
 264 62.1 50.2 75.2

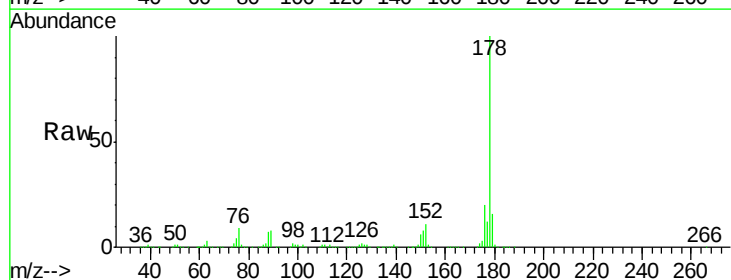


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

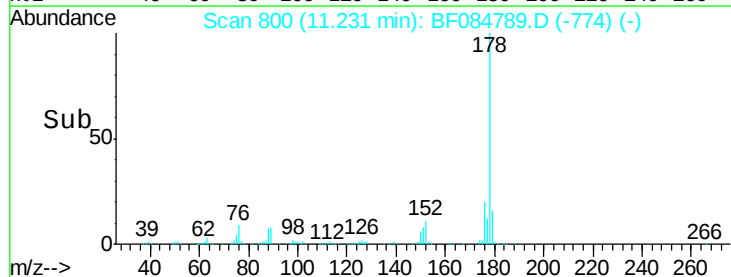
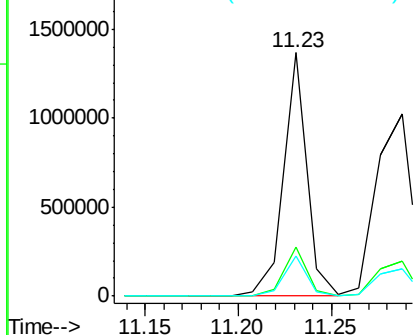


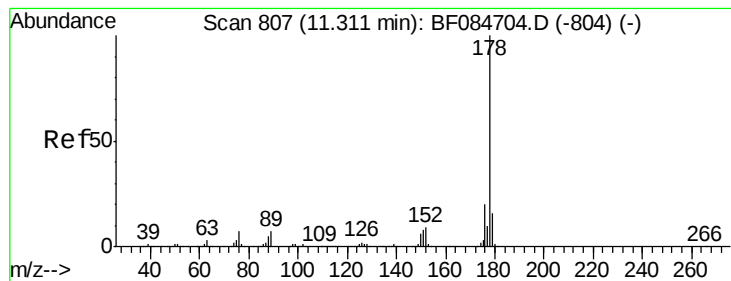
#70
 Phenanthrene
 Concen: 32.52 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:178 Resp: 1195787
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.2 12.0 18.0



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





#71

Anthracene

Concen: 34.84 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

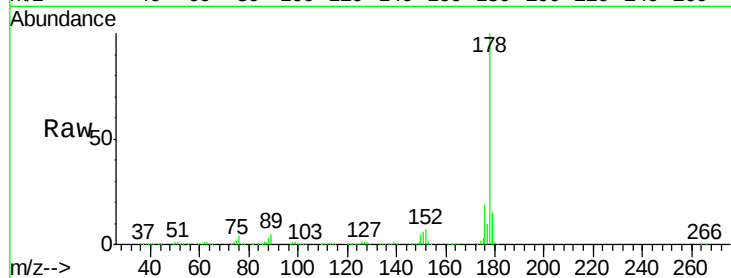
Tgt Ion:178 Resp: 1290625

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

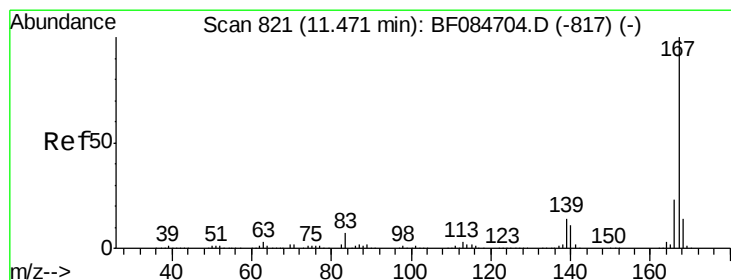
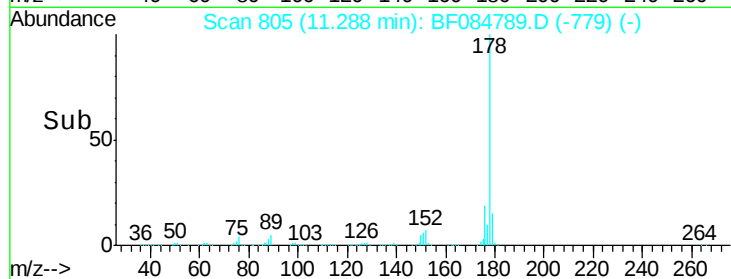
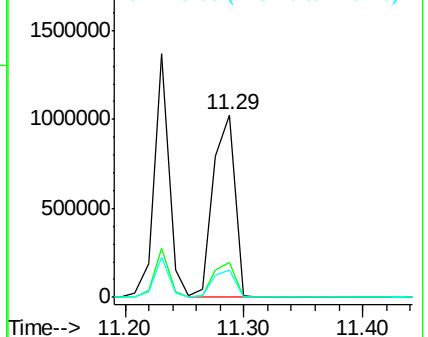
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.47 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

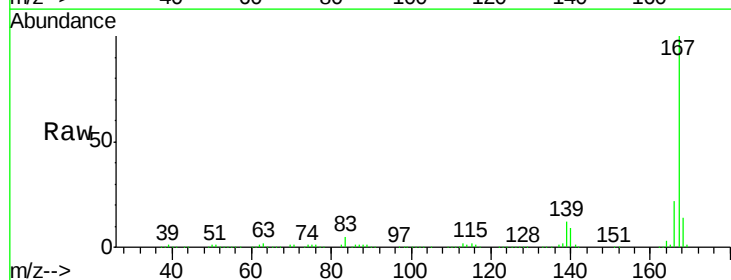
Tgt Ion:167 Resp: 1145914

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

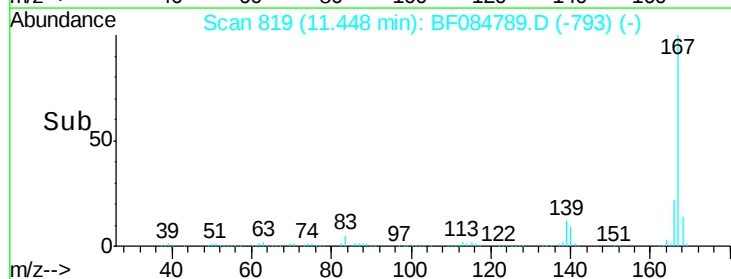
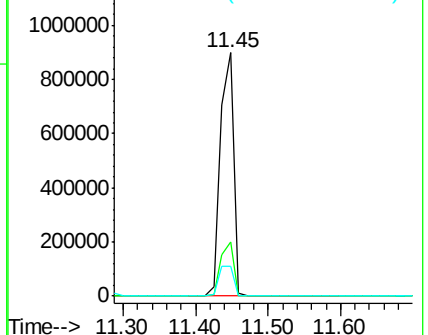
139 12.1 11.8 17.8

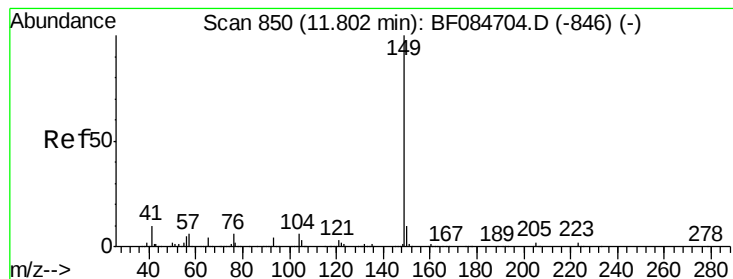


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.21 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

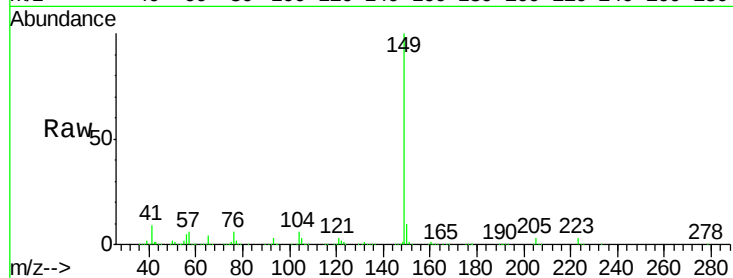
Tgt Ion:149 Resp: 1283611

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

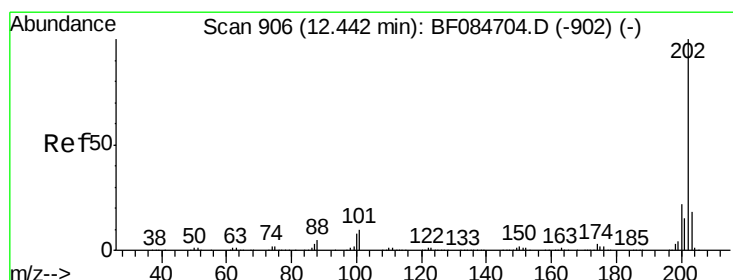
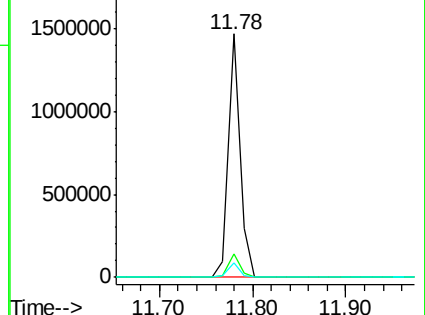
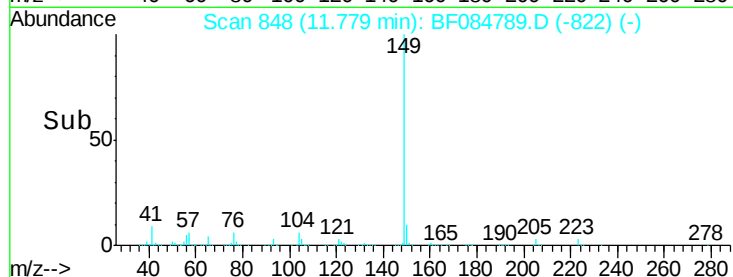
104 5.9 3.2 4.8#



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: 34.46 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

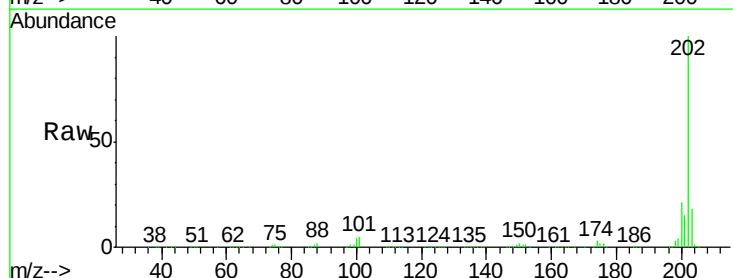
Tgt Ion:202 Resp: 1282453

Ion Ratio Lower Upper

202 100

101 5.4 0.0 32.8

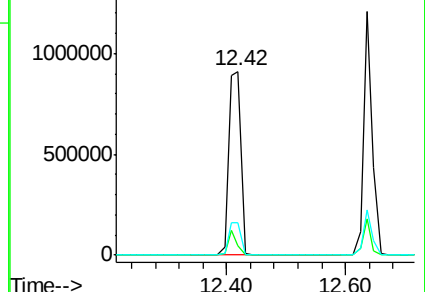
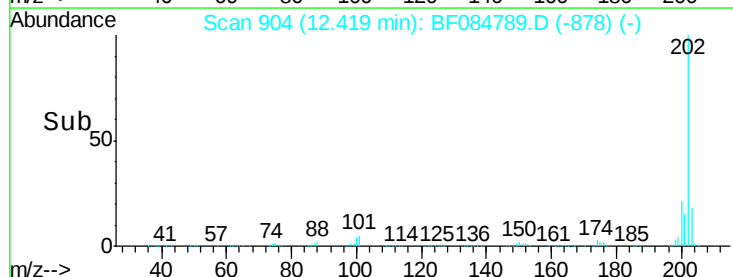
203 17.8 0.0 37.9

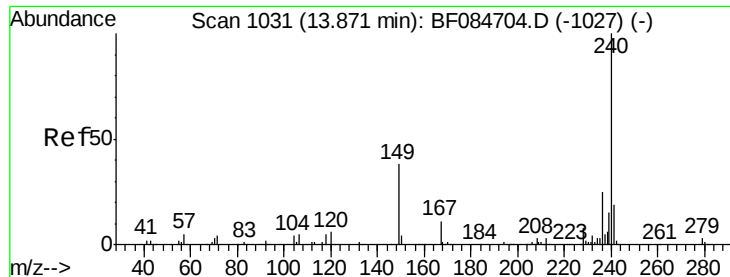


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

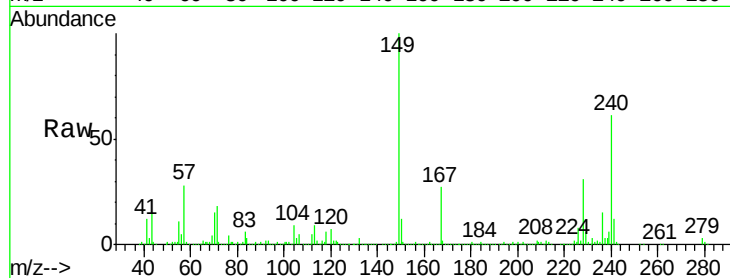
Tgt Ion:240 Resp: 485596

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

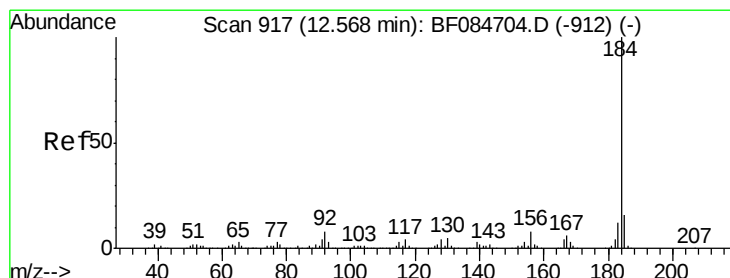
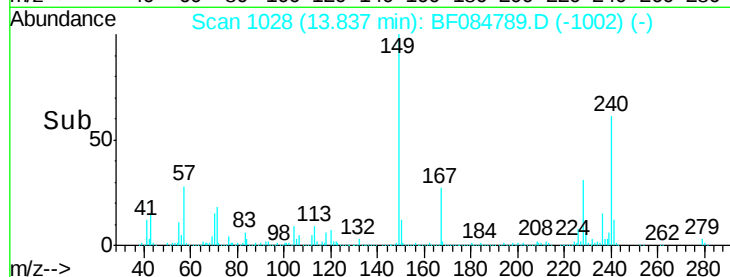
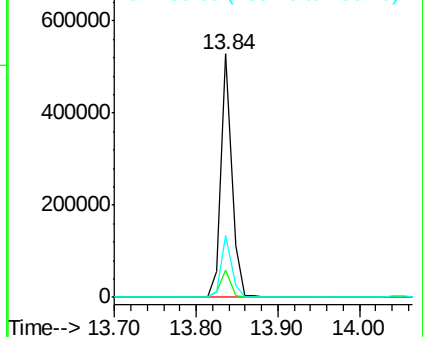
236 25.3 20.6 31.0



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: 21.46 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

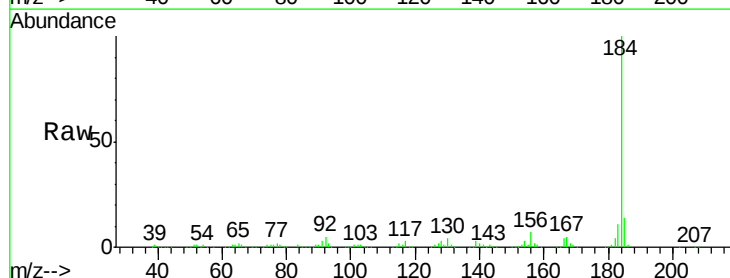
Tgt Ion:184 Resp: 344132

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

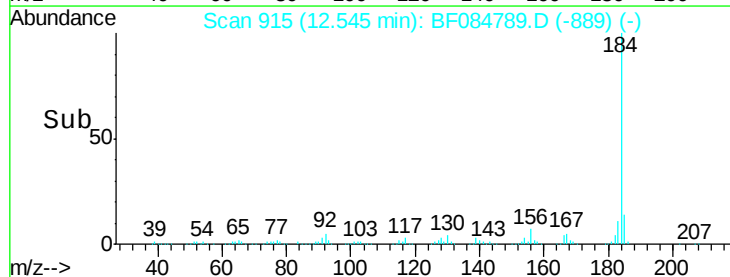
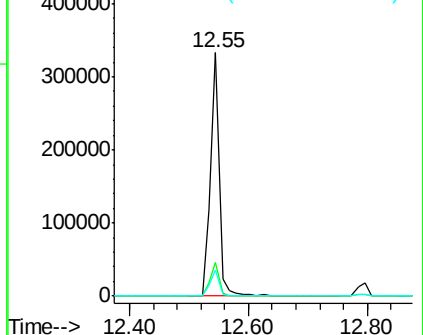
183 10.9 9.8 14.8

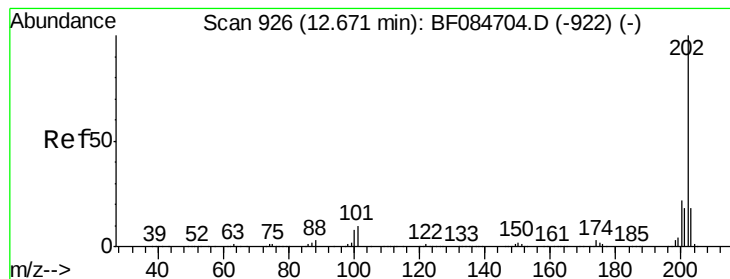


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.71 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

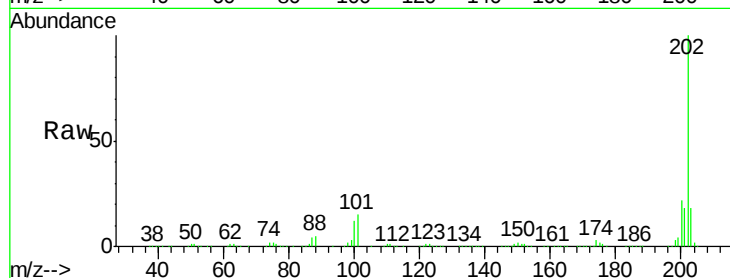
Tgt Ion:202 Resp: 1216012

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

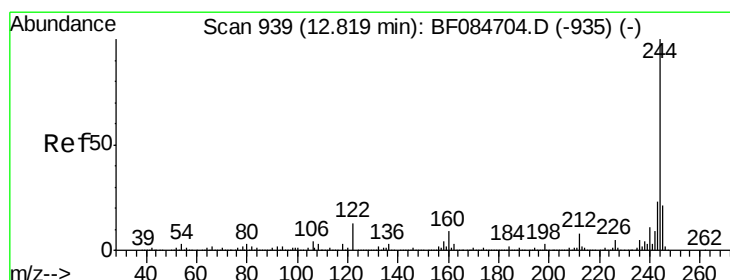
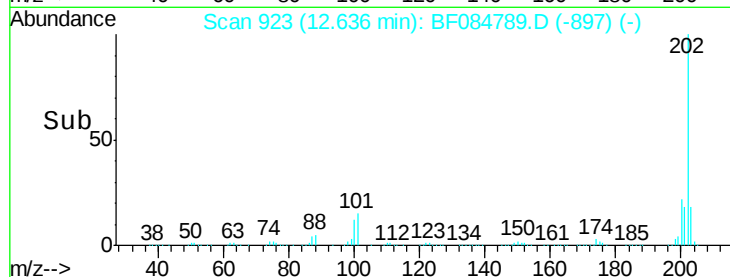
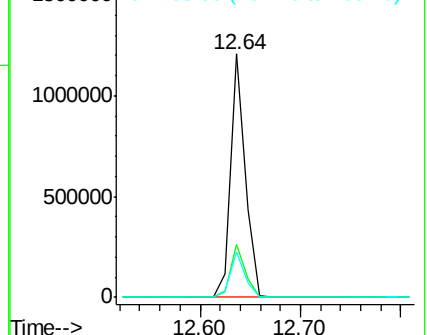
203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.11 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

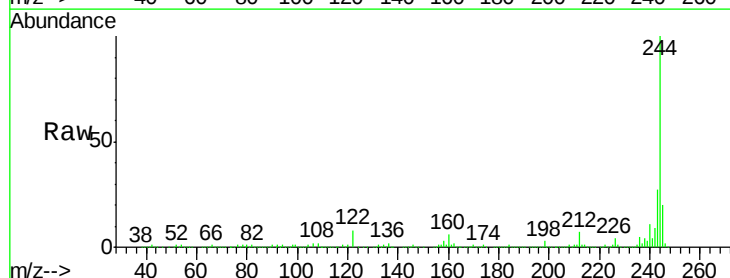
Tgt Ion:244 Resp: 1630950

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

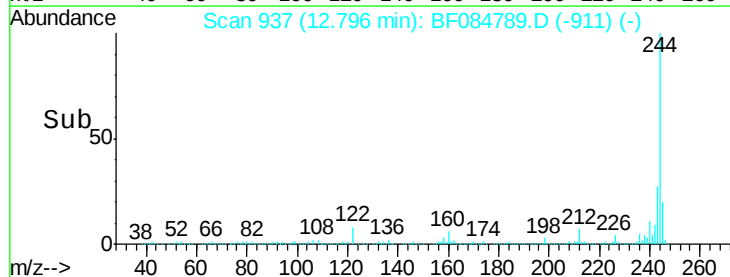
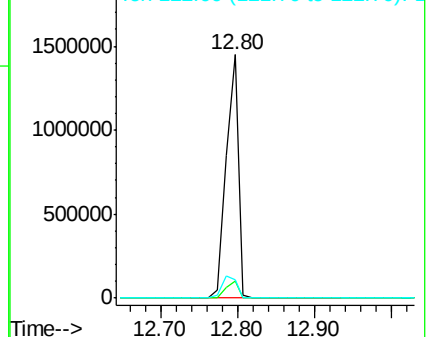
122 7.7 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

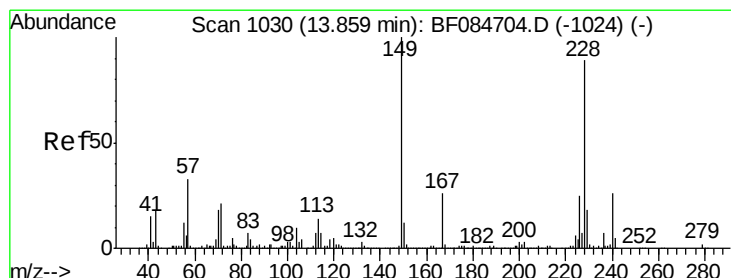
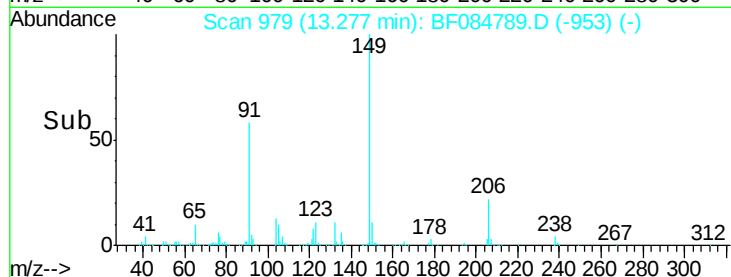
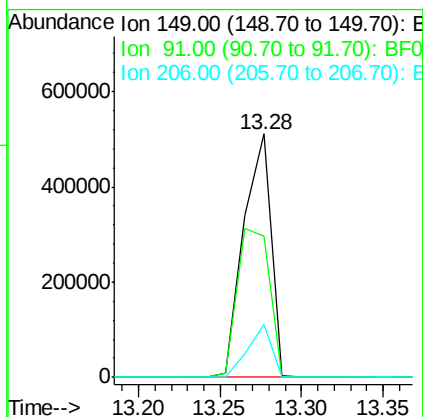
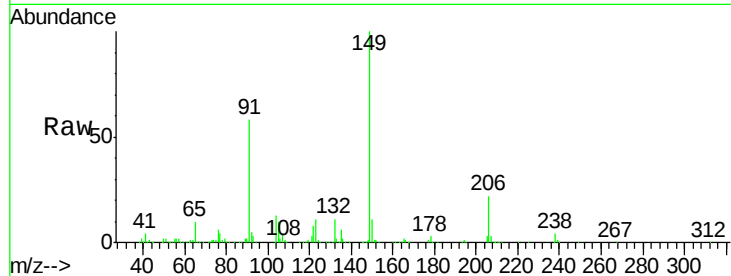




#79
Butylbenzylphthalate
Concen: 35.09 ng
RT: 13.28 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

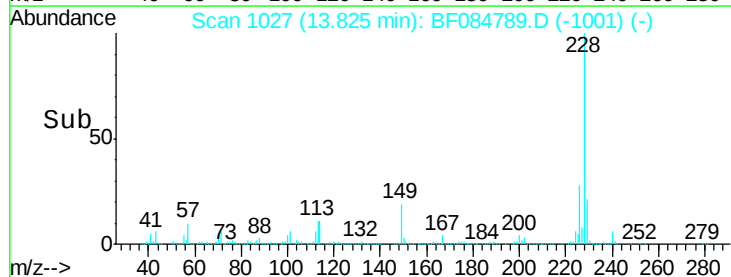
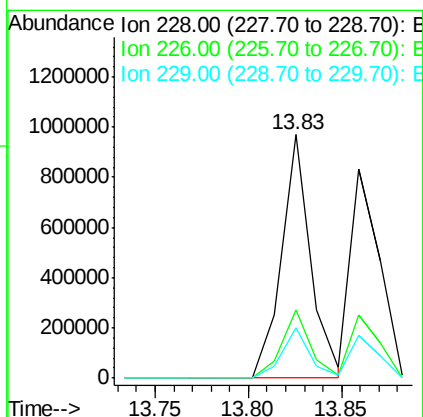
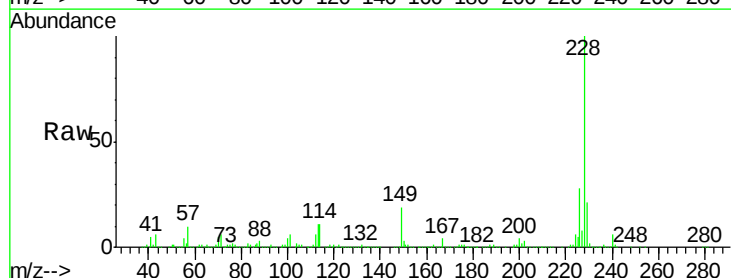
Instrument :
BNA_F
ClientSampleId :
PB88159BS

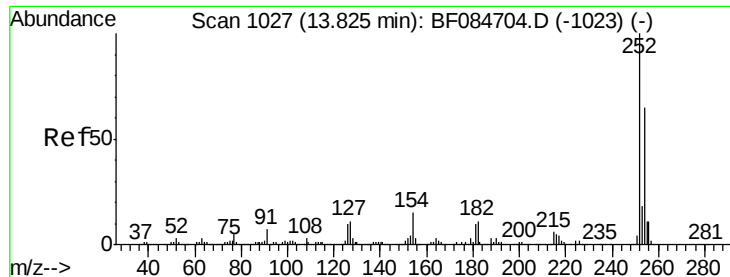
Tgt Ion:149 Resp: 591900
Ion Ratio Lower Upper
149 100
91 58.2 57.6 86.4
206 22.0 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 35.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:228 Resp: 1055002
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.6 15.8 23.8

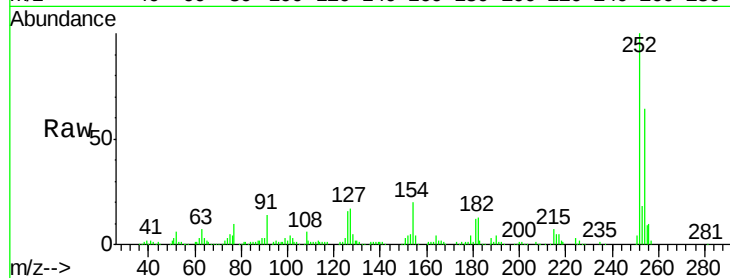




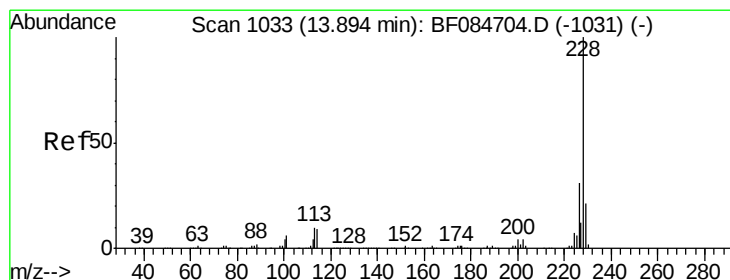
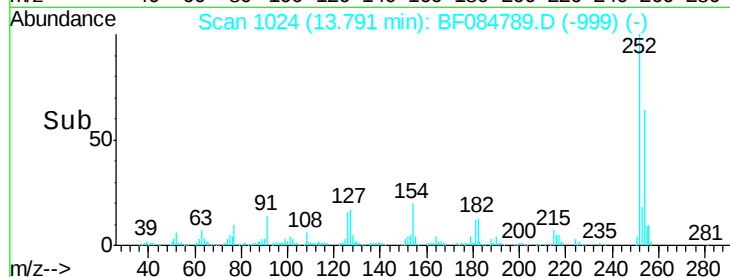
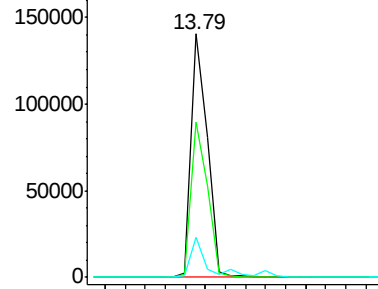
#81
 3,3'-Dichlorobenzidine
 Concen: 14.83 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tgt Ion:252 Resp: 158220
 Ion Ratio Lower Upper
 252 100
 254 63.9 53.5 80.3
 126 16.3 4.9 7.3#

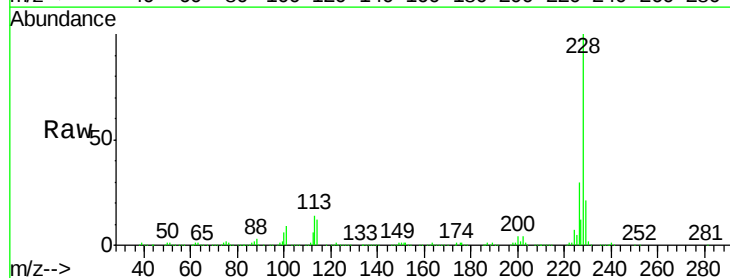


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

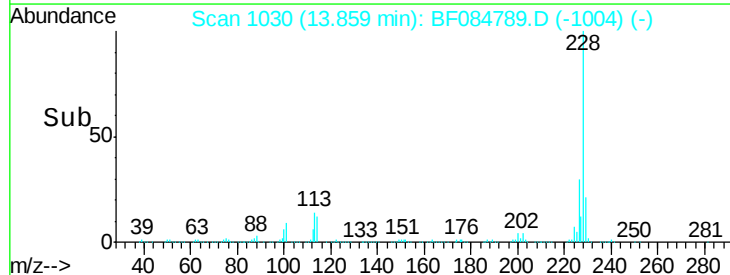
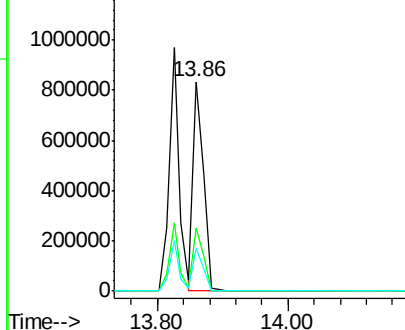


#82
 Chrysene
 Concen: 31.41 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:228 Resp: 918062
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 20.5 16.1 24.1



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

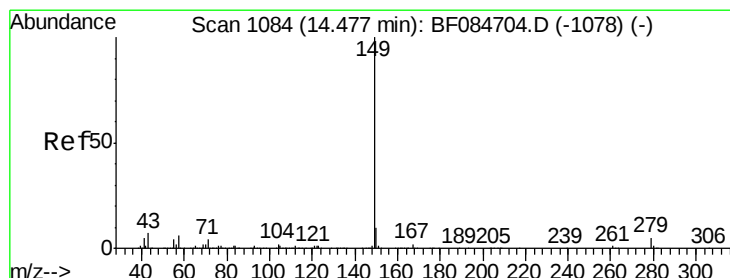
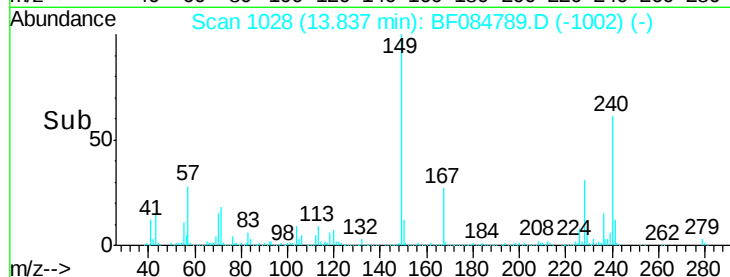
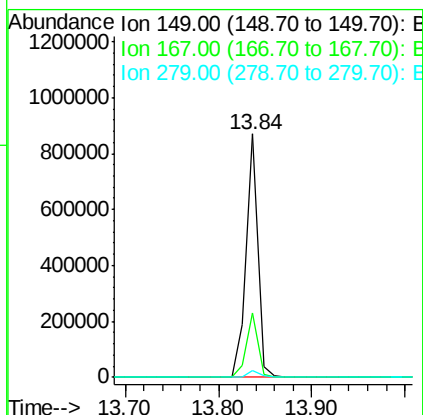
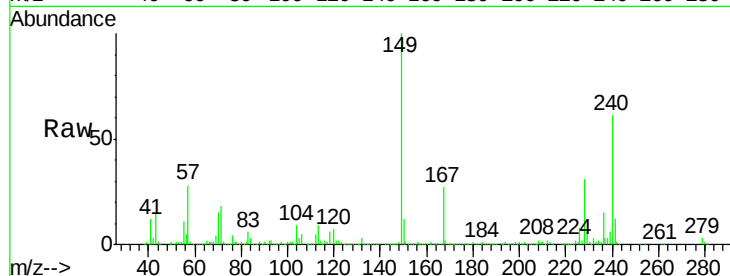




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.31 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

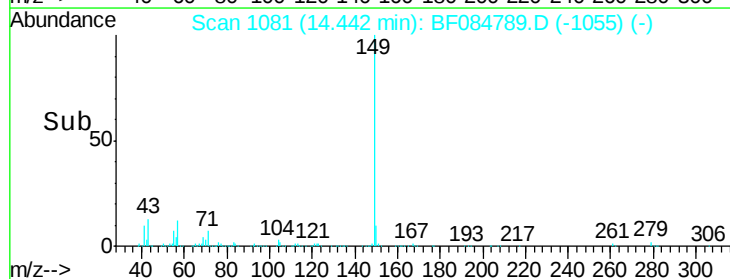
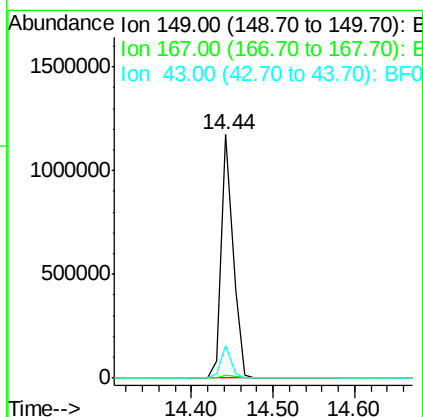
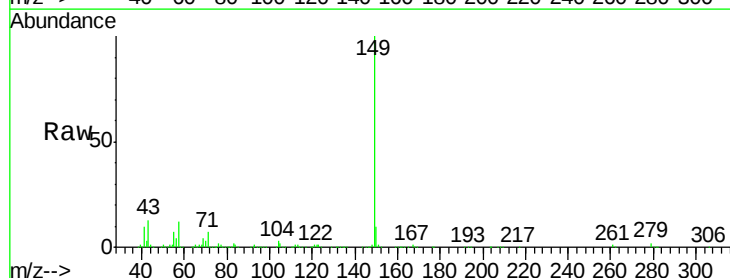
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

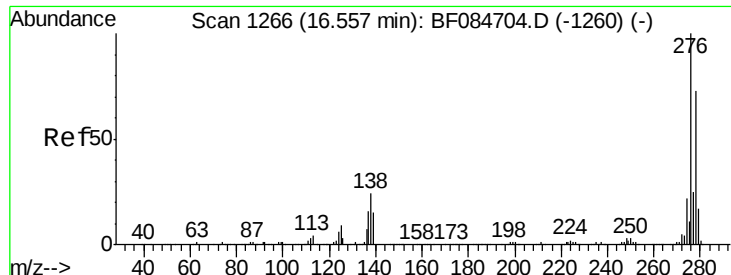
Tgt Ion:149 Resp: 762190
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.7 29.5
 279 3.0 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 33.67 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:149 Resp: 1165772
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 5.6 8.4#

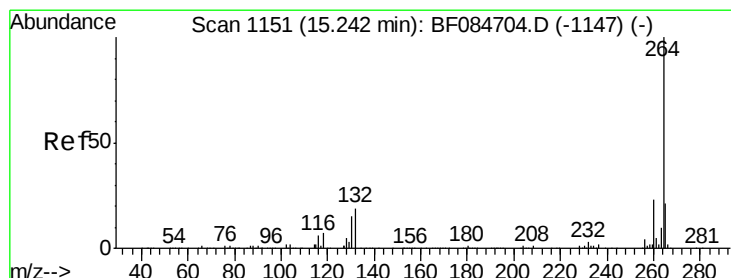
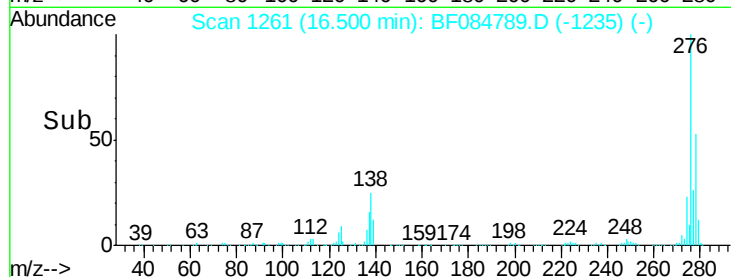
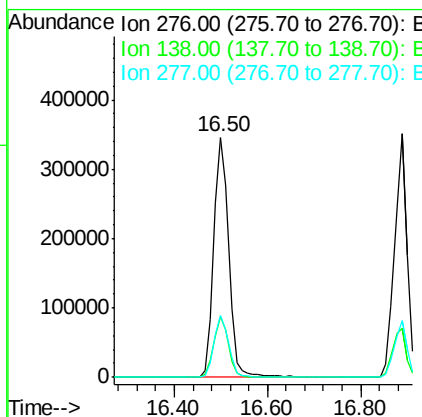
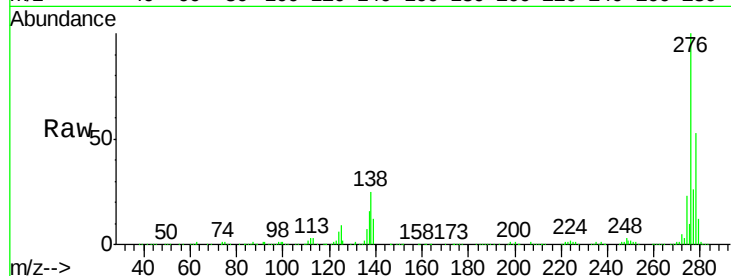




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.84 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

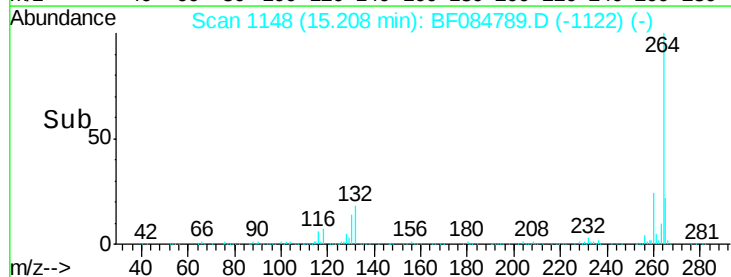
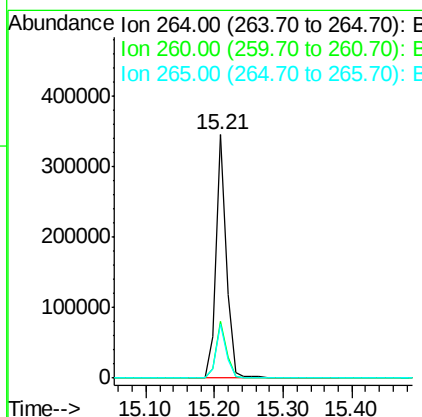
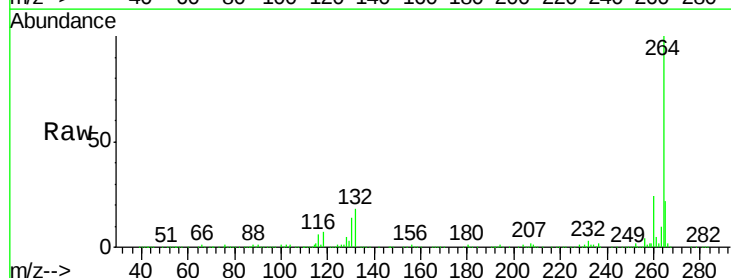
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

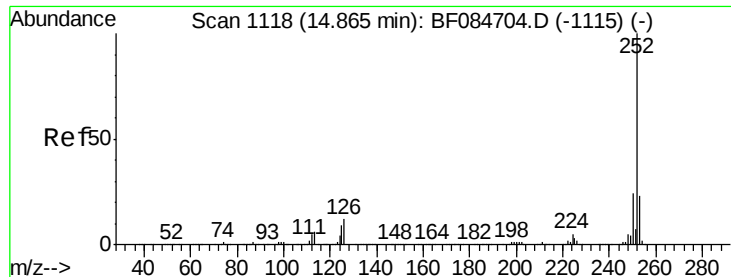
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.1	17.8	26.6

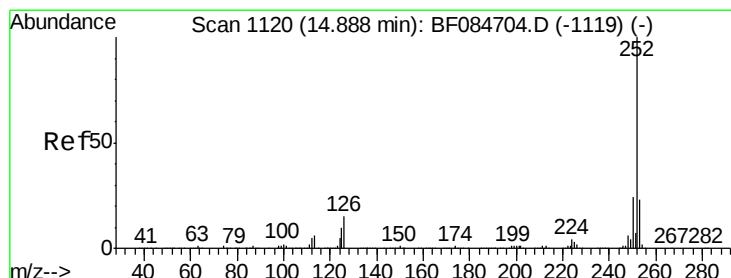
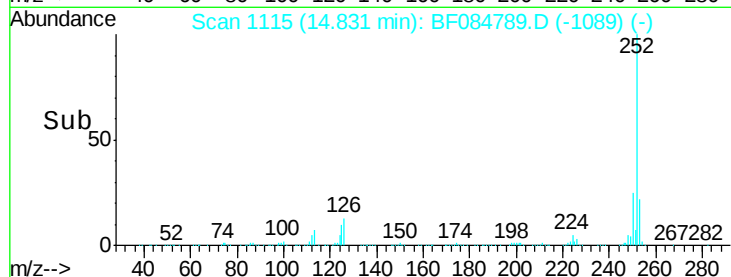
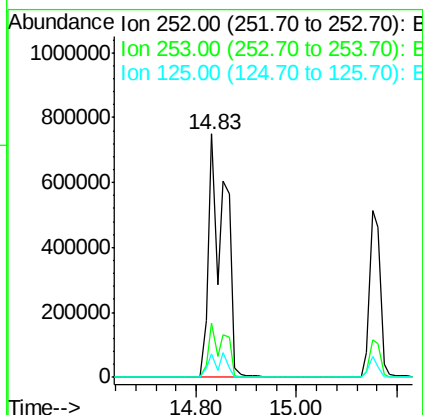
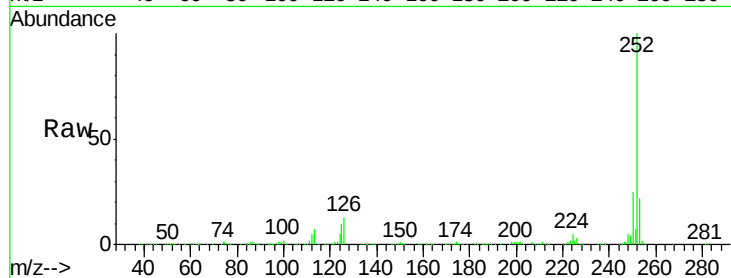




#87
Benzo(b)fluoranthene
Concen: 66.94 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

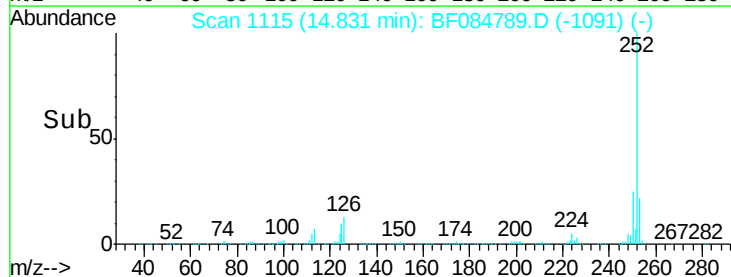
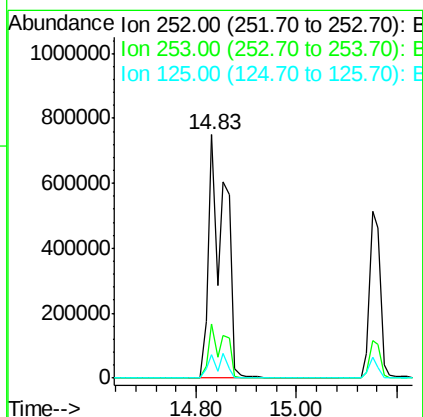
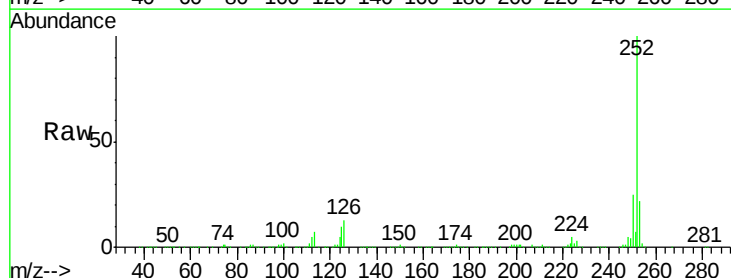
Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tgt Ion:252 Resp: 1683964
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.9 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 80.96 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:252 Resp: 1683964
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.9 9.0 13.6





#89

Benzo(a)pyrene

Concen: 35.98 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

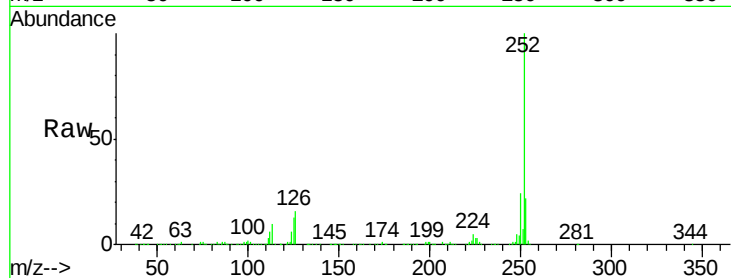
Tgt Ion:252 Resp: 771115

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

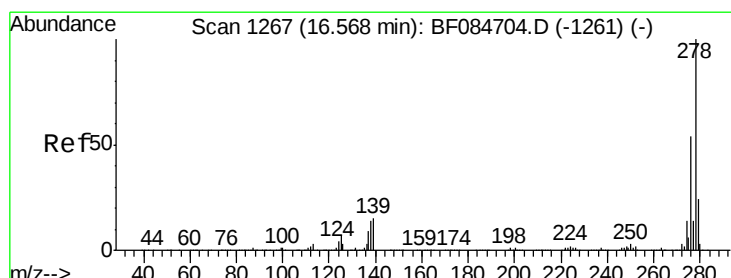
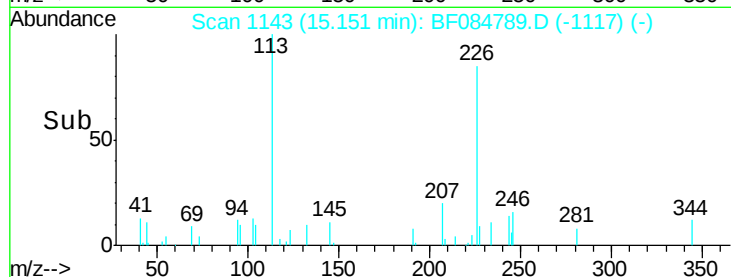
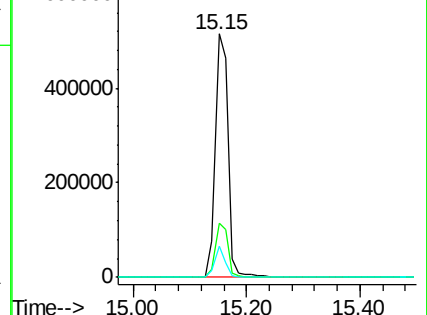
125 12.8 7.0 10.4#



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: 35.61 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

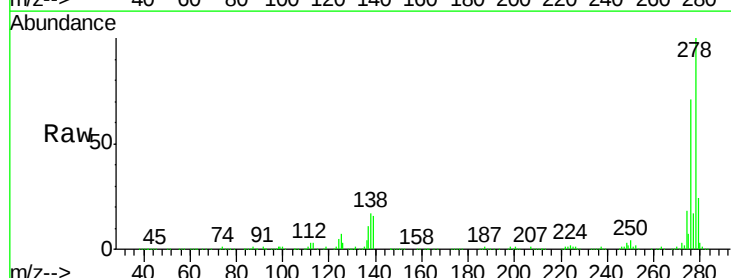
Tgt Ion:278 Resp: 642526

Ion Ratio Lower Upper

278 100

139 15.7 15.0 22.4

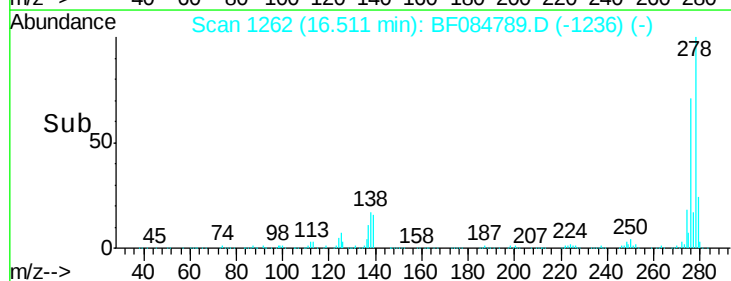
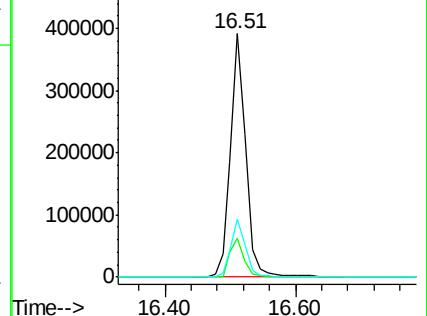
279 23.6 18.9 28.3

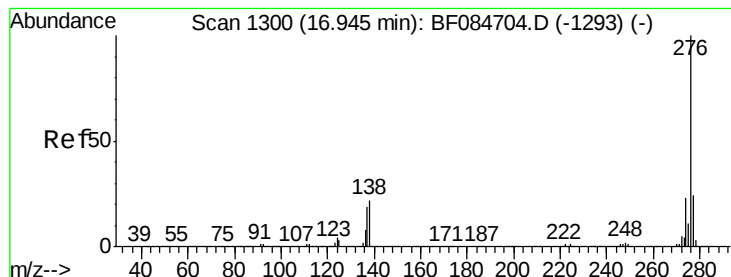


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.46 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF084789.D

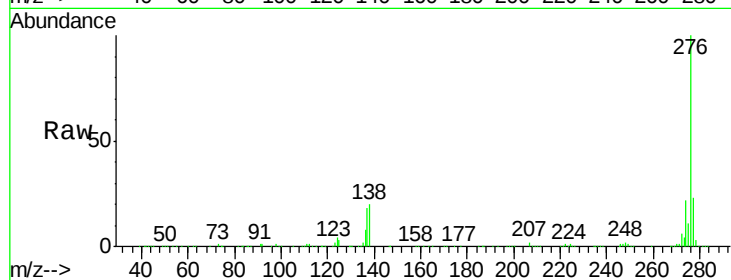
Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS



Tgt Ion: 276 Resp: 662663

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.1 17.8 26.6

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

