

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084791.D
 Acq On : 3 Feb 2016 18:17
 Operator : SJ/IZ
 Sample : PB88149BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Quant Time: Feb 04 00:27:27 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	176164	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	719756	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	345066	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	637099	20.00	ng	0.00
75) Chrysene-d12	13.84	240	460208	20.00	ng	0.00
86) Perylene-d12	15.21	264	358872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1257349	111.17	ng	0.01
7) Phenol-d6	6.35	99	1648489	117.57	ng	0.01
23) Nitrobenzene-d5	7.26	82	1047625	81.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	451362	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1748865	85.51	ng	0.00
78) Terphenyl-d14	12.80	244	1774092	87.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	160591	32.42	ng	# 74
3) Pyridine	2.92	79	504363	39.07	ng	# 67
4) n-Nitrosodimethylamine	2.89	42	262135	39.27	ng	85
6) Aniline	6.35	93	435385	25.38	ng	# 61
8) 2-Chlorophenol	6.48	128	512067	40.00	ng	97
9) Benzaldehyde	6.22	77	186352	22.51	ng	92
10) Phenol	6.36	94	584665	37.22	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	439402	35.87	ng	83
12) 1,3-Dichlorobenzene	6.62	146	499623	36.94	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	514185	38.03	ng	95
14) 1,2-Dichlorobenzene	6.85	146	438232	34.80	ng	94
15) Benzyl Alcohol	6.84	79	384418	39.70	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	725616	35.22	ng	88
17) 2-Methylphenol	6.97	107	406285	40.13	ng	# 92
18) Hexachloroethane	7.20	117	196331	37.70	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	329155	37.45	ng	# 77
20) 3+4-Methylphenols	7.12	107	484988	38.59	ng	# 76
22) Acetophenone	7.10	105	683092	36.01	ng	99
24) Nitrobenzene	7.28	77	468586	34.25	ng	96
25) Isophorone	7.53	82	927571	37.33	ng	95
26) 2-Nitrophenol	7.60	139	274324	40.65	ng	# 88
27) 2,4-Dimethylphenol	7.64	122	447288	38.11	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	548874	37.24	ng	98
29) 2,4-Dichlorophenol	7.85	162	405472	40.37	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	406238	35.81	ng	96
31) Naphthalene	8.00	128	1328384	36.79	ng	99
32) Benzoic acid	7.79	122	282634	37.65	ng	95
33) 4-Chloroaniline	8.05	127	203429	13.62	ng	93
34) Hexachlorobutadiene	8.12	225	251511	38.45	ng	98
35) Caprolactam	8.43	113	76713	24.78	ng	# 58
36) 4-Chloro-3-methylphenol	8.56	107	472094	41.21	ng	98
37) 2-Methylnaphthalene	8.69	142	967281	42.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	355942	32.48	ng	98
40) Hexachlorocyclopentadiene	8.84	237	361412	76.19	ng	95

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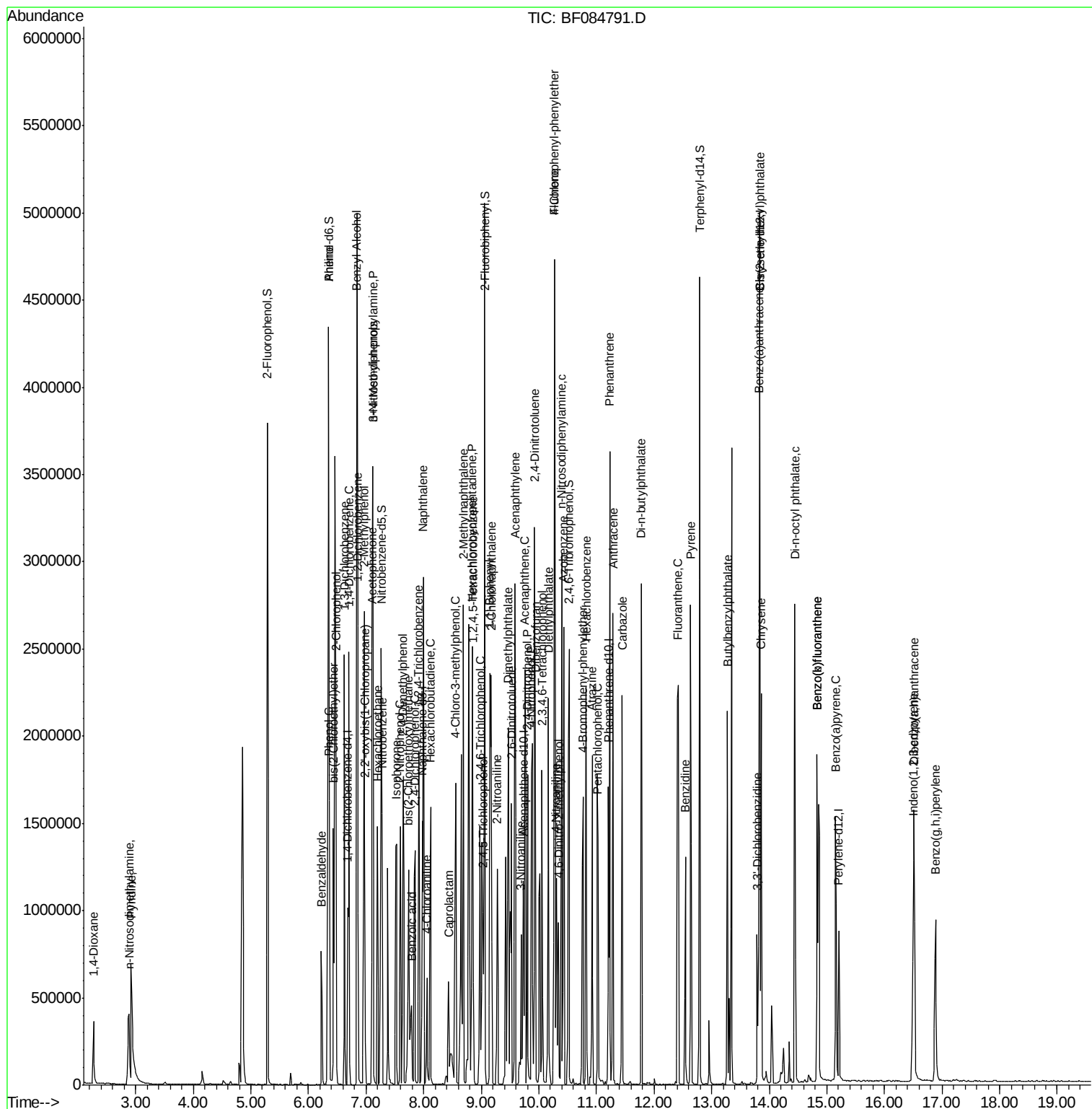
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	277020	39.24	ng	96
43) 2,4,5-Trichlorophenol	9.02	196	276741	38.58	ng	93
45) 1,1'-Biphenyl	9.15	154	1052124	34.14	ng	98
46) 2-Chloronaphthalene	9.17	162	804294	35.44	ng	95
47) 2-Nitroaniline	9.28	65	250043	34.79	ng	98
48) Acenaphthylene	9.58	152	1252511	36.36	ng	98
49) Dimethylphthalate	9.47	163	1054539	40.12	ng	# 91
50) 2,6-Dinitrotoluene	9.53	165	235028	40.94	ng	# 84
51) Acenaphthene	9.76	154	797409	35.59	ng	98
52) 3-Nitroaniline	9.69	138	122424	18.98	ng	98
53) 2,4-Dinitrophenol	9.80	184	207651	78.48	ng	# 85
54) Dibenzofuran	9.94	168	1164609	42.52	ng	99
55) 4-Nitrophenol	9.87	139	320178	67.53	ng	# 77
56) 2,4-Dinitrotoluene	9.93	165	268186	36.62	ng	# 80
57) Fluorene	10.27	166	853973	37.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	209896	38.44	ng	96
59) Diethylphthalate	10.17	149	1023646	39.89	ng	97
60) 4-Chlorophenyl-phenylether	10.27	204	399211	40.88	ng	97
61) 4-Nitroaniline	10.30	138	213165	33.91	ng	93
62) Azobenzene	10.43	77	1043750	42.30	ng	91
64) 4,6-Dinitro-2-methylphenol	10.34	198	170890	43.46	ng	88
65) n-Nitrosodiphenylamine	10.40	169	836665	41.36	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	288420	40.99	ng	97
67) Hexachlorobenzene	10.82	284	287929	37.55	ng	# 89
68) Atrazine	10.92	200	249910	39.12	ng	99
69) Pentachlorophenol	11.03	266	290305	80.56	ng	99
70) Phenanthrene	11.23	178	1289643	36.50	ng	97
71) Anthracene	11.29	178	1439090	40.42	ng	99
72) Carbazole	11.45	167	1295840	41.74	ng	98
73) Di-n-butylphthalate	11.78	149	1390027	35.17	ng	# 96
74) Fluoranthene	12.42	202	1462993	40.91	ng	93
76) Benzidine	12.55	184	558025	34.20	ng	98
77) Pyrene	12.64	202	1385297	39.32	ng	99
79) Butylbenzylphthalate	13.28	149	672778	42.09	ng	# 85
80) Benzo(a)anthracene	13.83	228	1147059	40.16	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	192606	19.04	ng	# 93
82) Chrysene	13.86	228	1020151	36.83	ng	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	830525	41.75	ng	# 96
84) Di-n-octyl phthalate	14.44	149	1291210	39.34	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	847894	38.89	ng	98
87) Benzo(b)fluoranthene	14.83	252	1784489	74.01	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	1785685	89.57	ng	99
89) Benzo(a)pyrene	15.15	252	810878	39.47	ng	# 95
90) Dibenzo(a,h)anthracene	16.51	278	709473	41.02	ng	98
91) Benzo(g,h,i)perylene	16.89	276	720471	41.36	ng	98

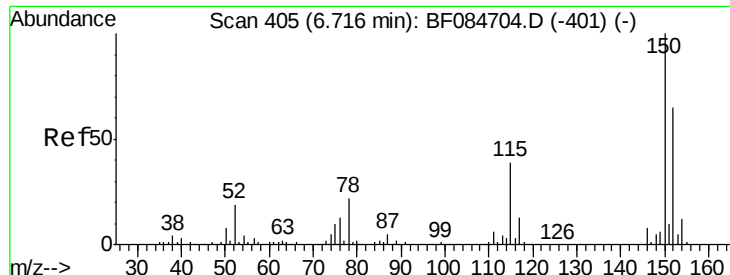
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

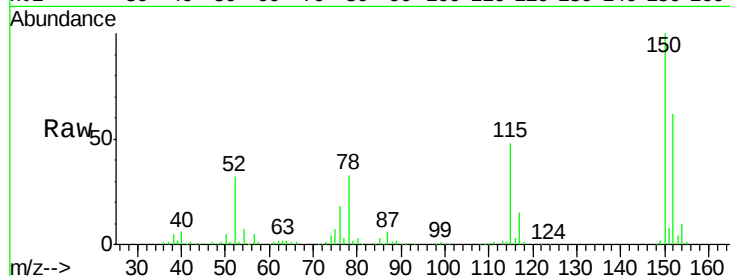
Tgt Ion:152 Resp: 176164

Ion Ratio Lower Upper

152 100

150 160.8 123.0 184.4

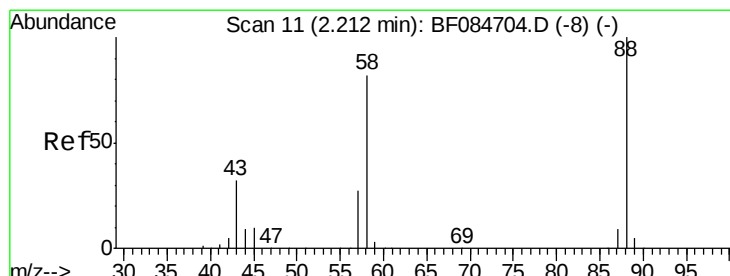
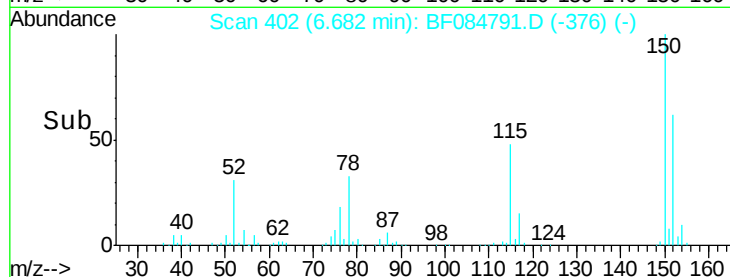
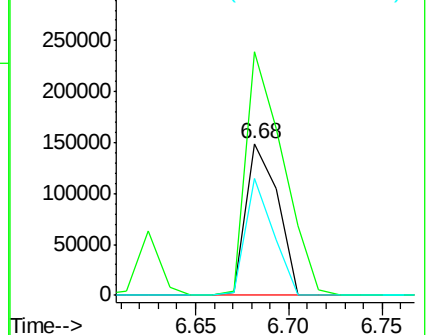
115 76.9 51.4 77.2



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: 32.42 ng

RT: 2.27 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

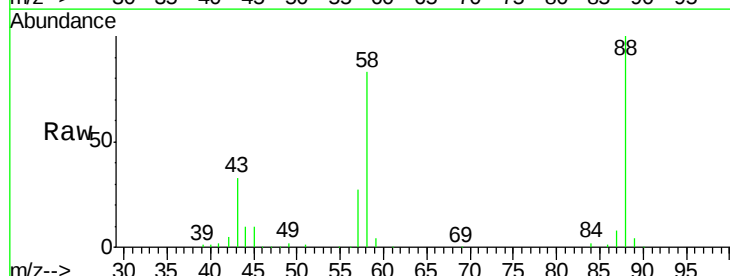
Tgt Ion: 88 Resp: 160591

Ion Ratio Lower Upper

88 100

58 86.6 51.2 76.8#

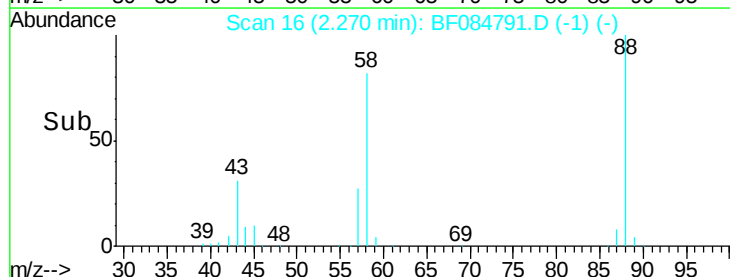
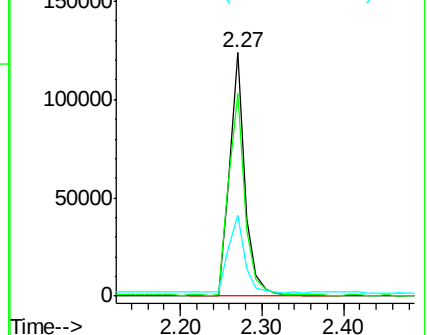
43 33.8 19.5 29.3#

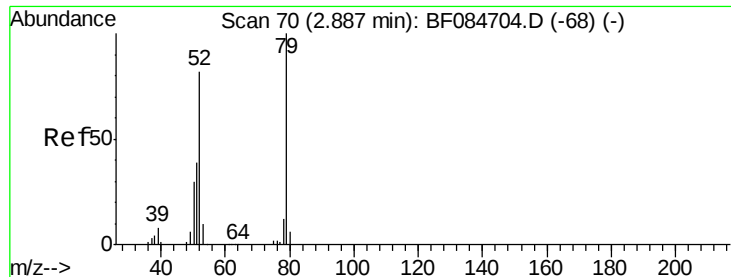


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.07 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.08 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

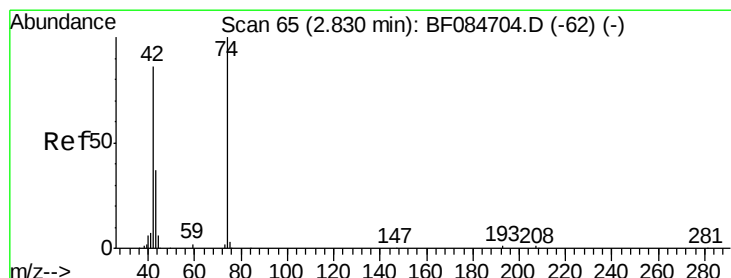
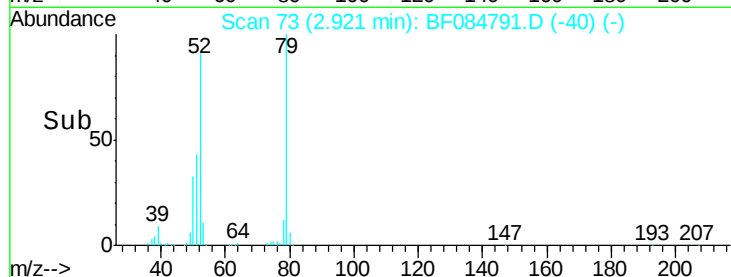
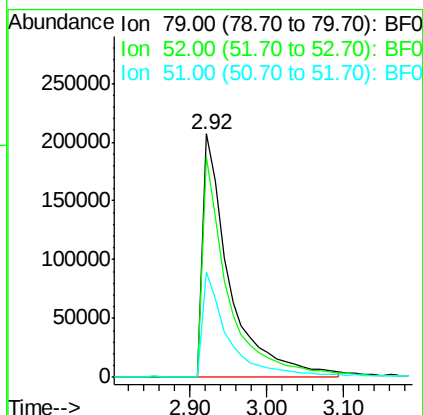
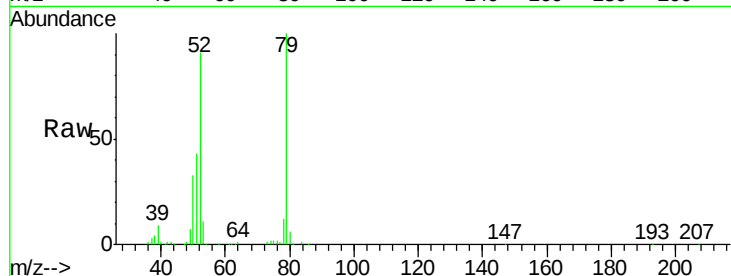
Tgt Ion: 79 Resp: 504363

Ion Ratio Lower Upper

79 100

52 90.6 49.0 73.4#

51 43.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.27 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.09 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

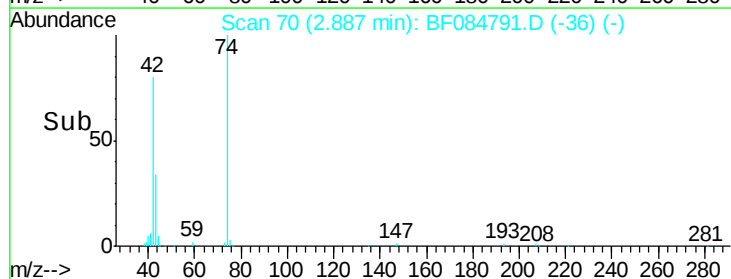
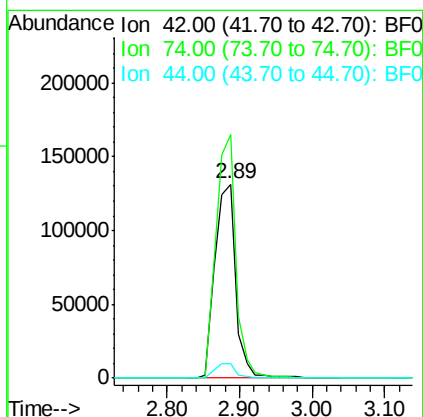
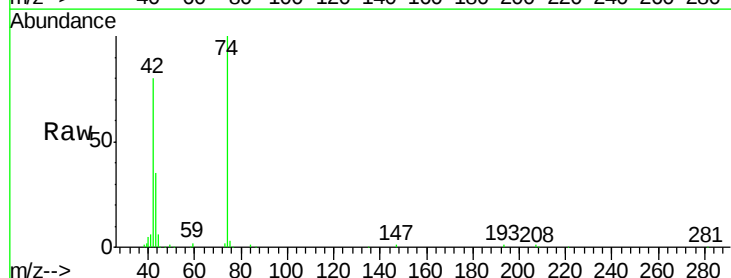
Tgt Ion: 42 Resp: 262135

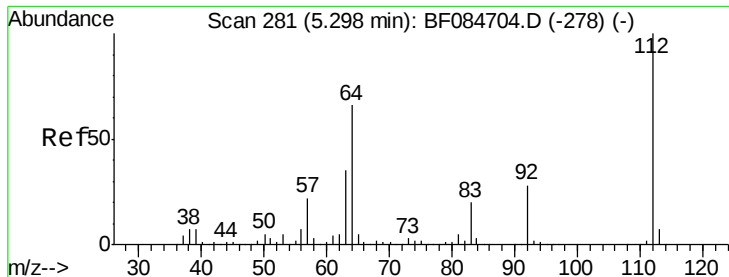
Ion Ratio Lower Upper

42 100

74 125.6 115.7 173.5

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 111.17 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

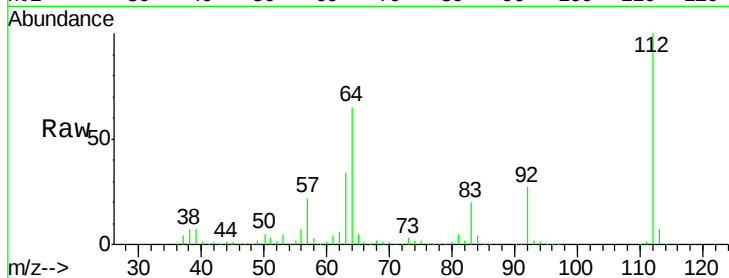
Tgt Ion: 112 Resp: 1257349

Ion Ratio Lower Upper

112 100

64 65.4 36.6 55.0#

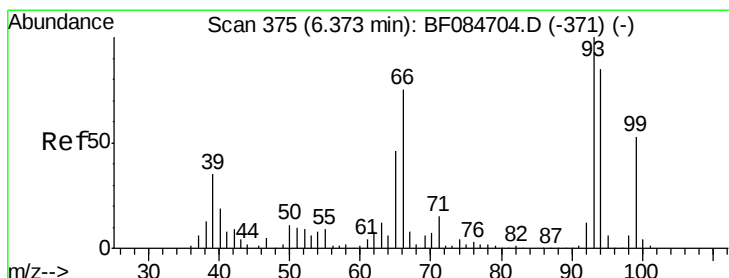
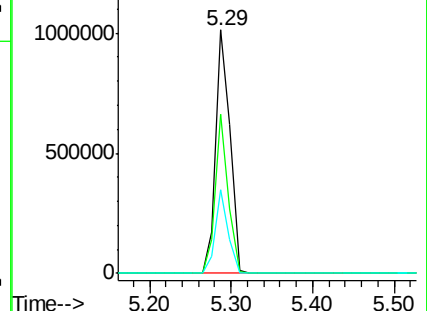
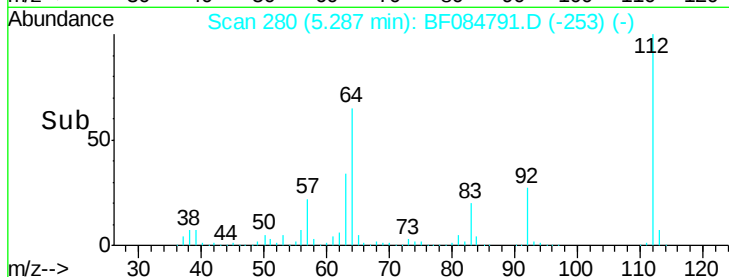
63 34.5 19.4 29.0#



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: 25.38 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

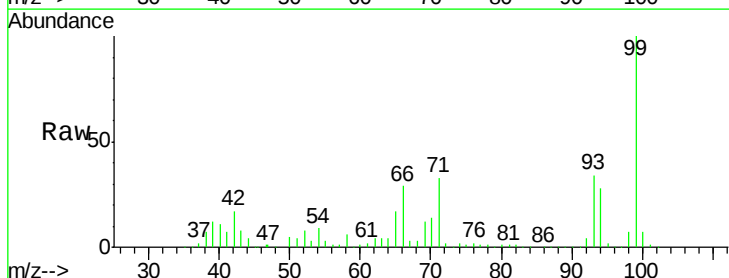
Tgt Ion: 93 Resp: 435385

Ion Ratio Lower Upper

93 100

66 85.3 44.9 67.3#

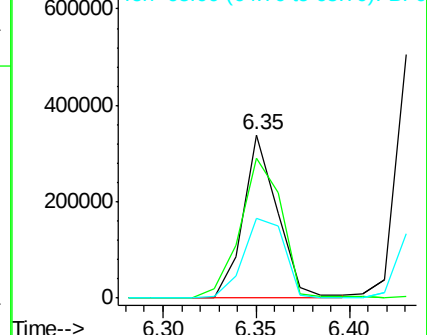
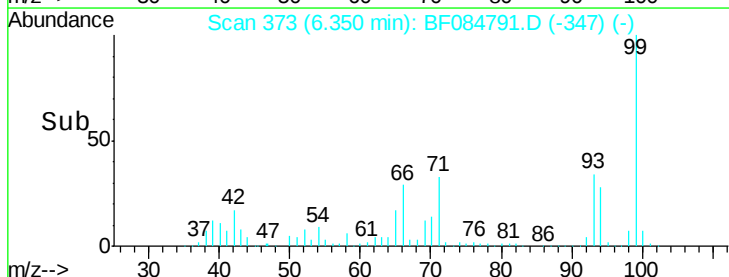
65 48.9 23.7 35.5#

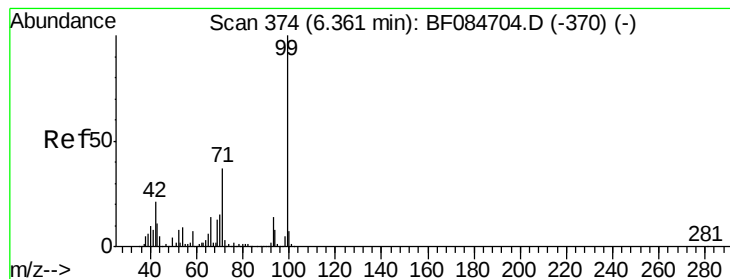


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.57 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampled :

PB88149BS

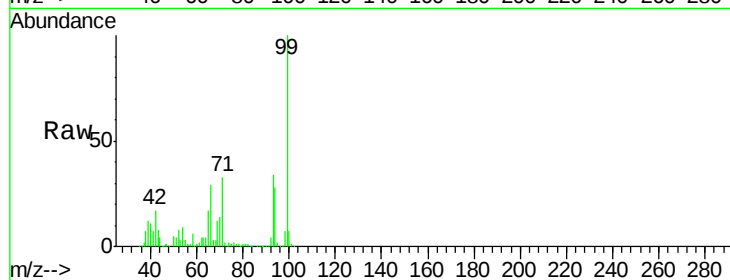
Tgt Ion: 99 Resp: 1648489

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

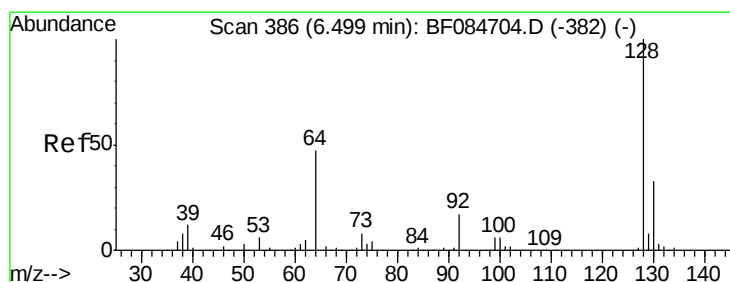
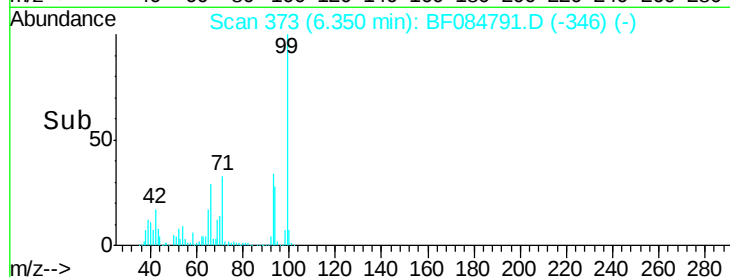
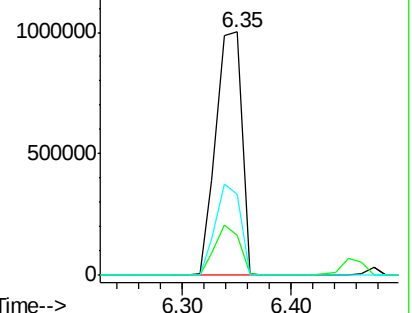
71 33.1 30.9 46.3



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: 40.00 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

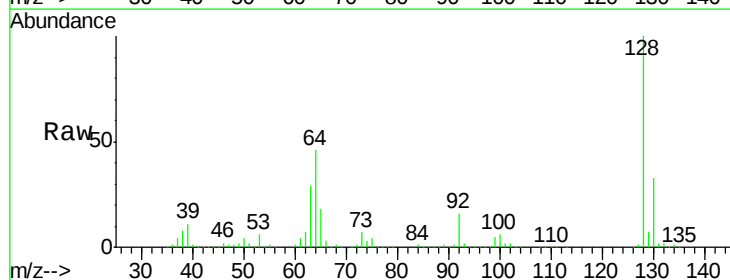
Tgt Ion: 128 Resp: 512067

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

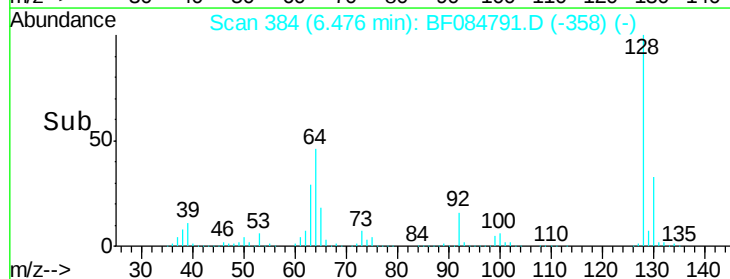
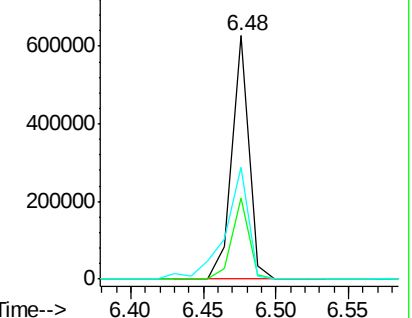
64 45.9 23.8 63.8

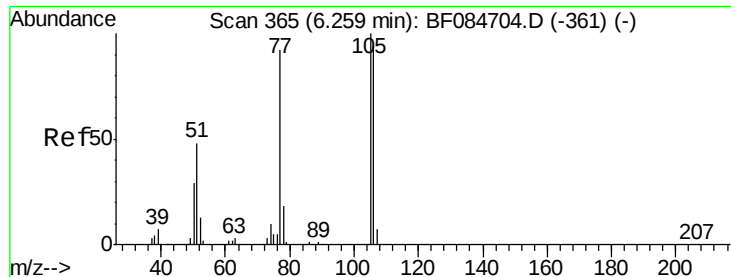


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.51 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

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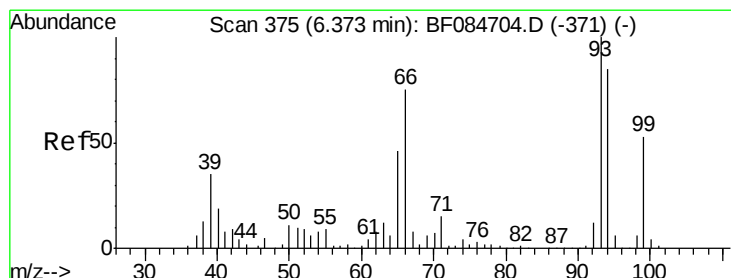
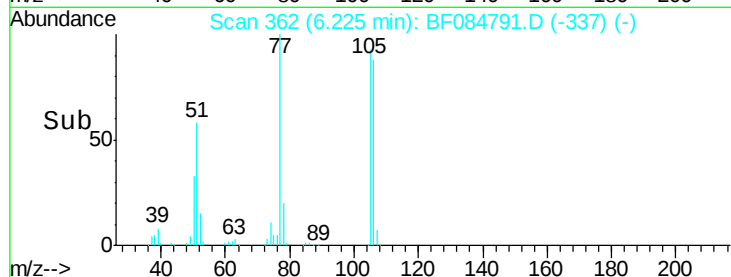
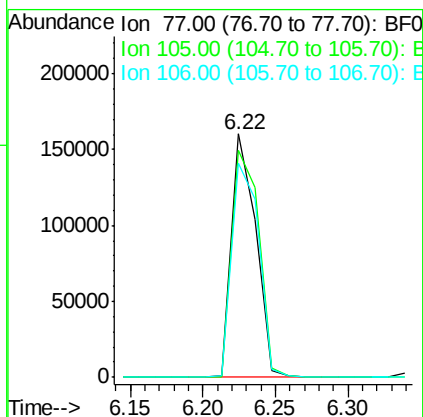
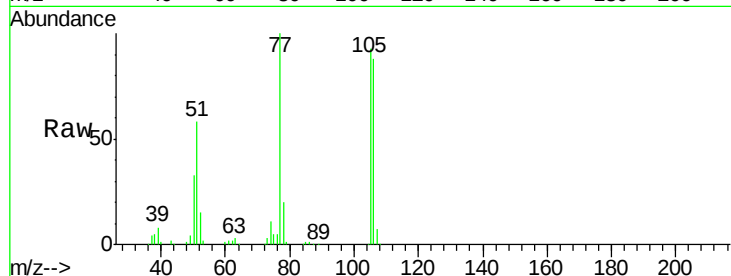
Tgt Ion: 77 Resp: 186352

Ion Ratio Lower Upper

77 100

105 93.0 83.0 123.0

106 87.8 74.6 114.6



#10

Phenol

Concen: 37.22 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

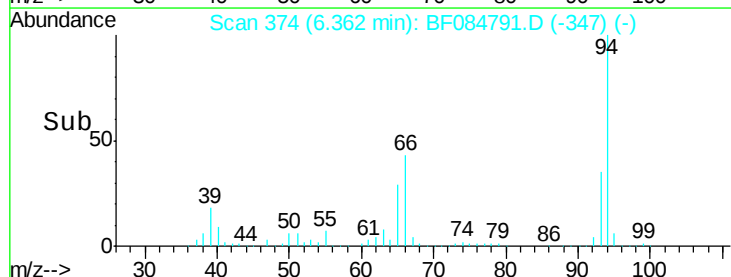
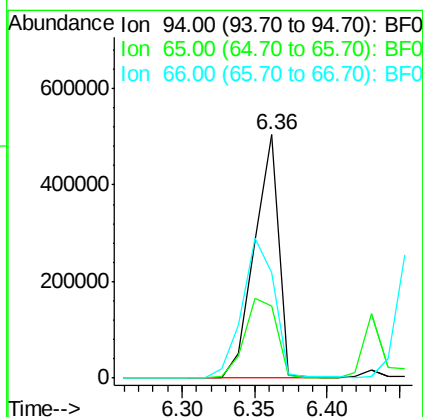
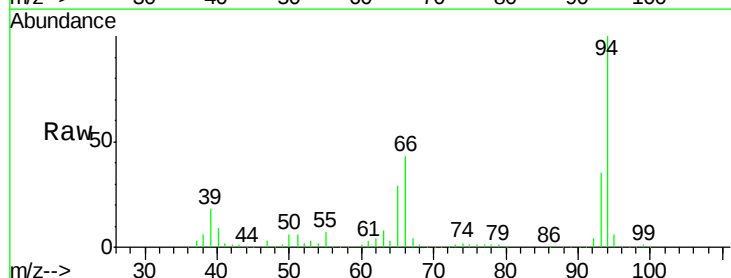
Tgt Ion: 94 Resp: 584665

Ion Ratio Lower Upper

94 100

65 29.5 12.9 52.9

66 43.1 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.87 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

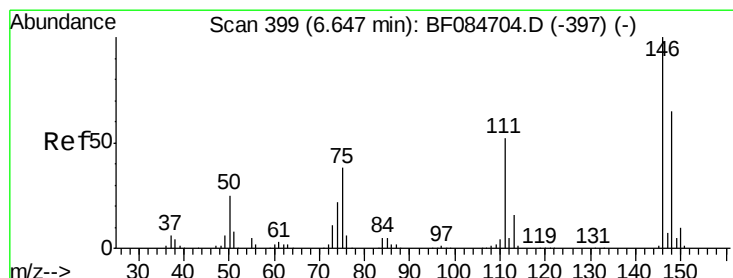
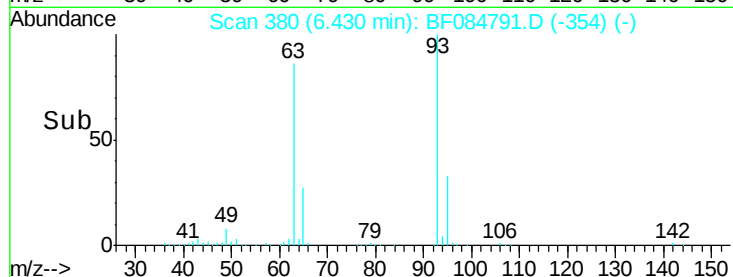
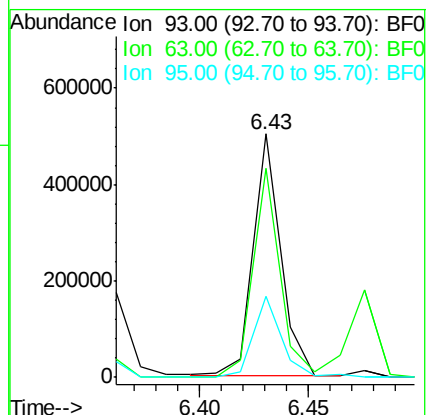
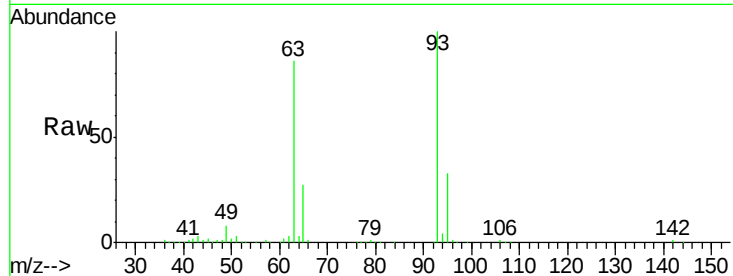
Tgt Ion: 93 Resp: 439402

Ion Ratio Lower Upper

93 100

63 85.6 45.9 85.9

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.94 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

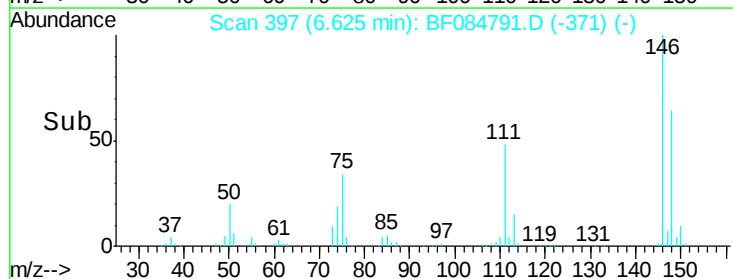
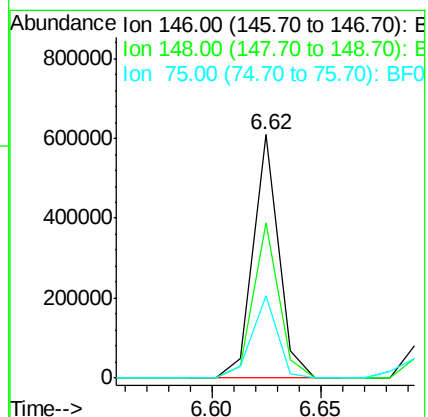
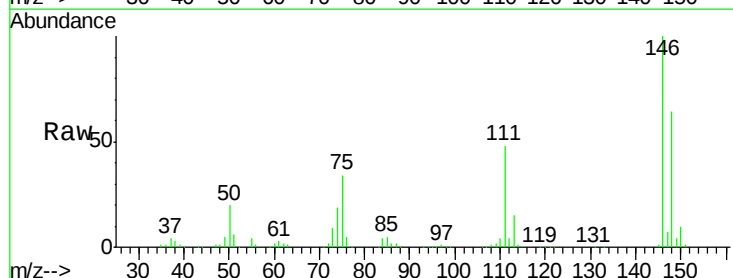
Tgt Ion: 146 Resp: 499623

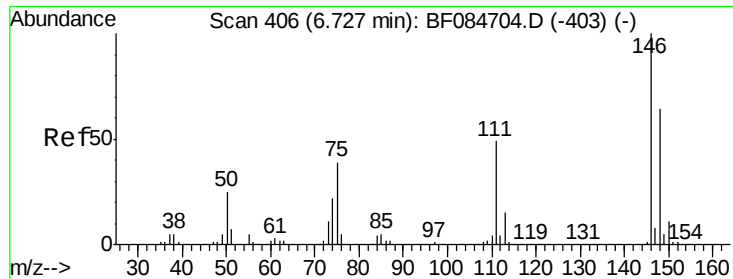
Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

75 33.8 20.5 30.7#

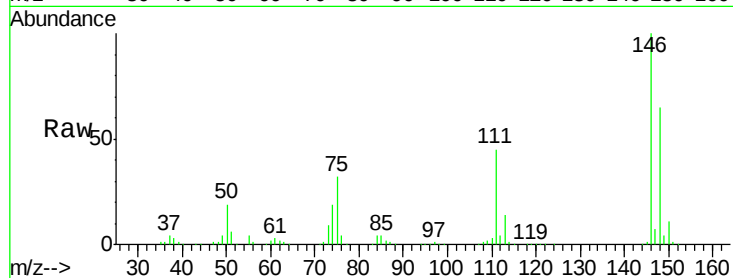




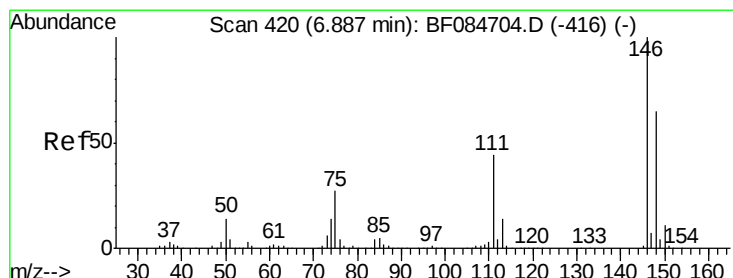
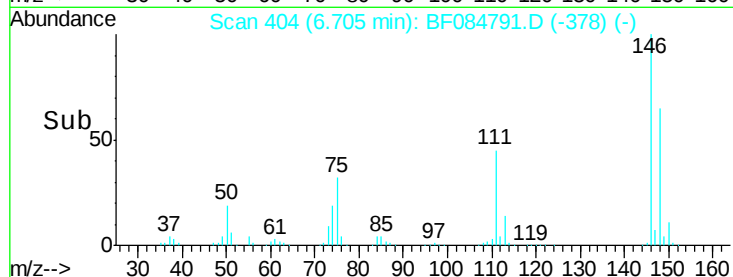
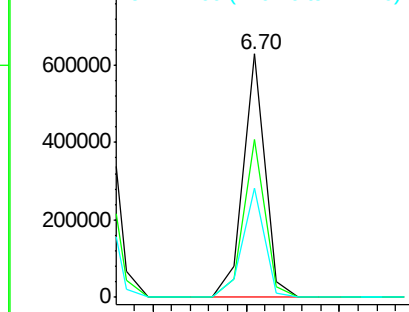
#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:146 Resp: 514185
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 45.0 41.6 62.4

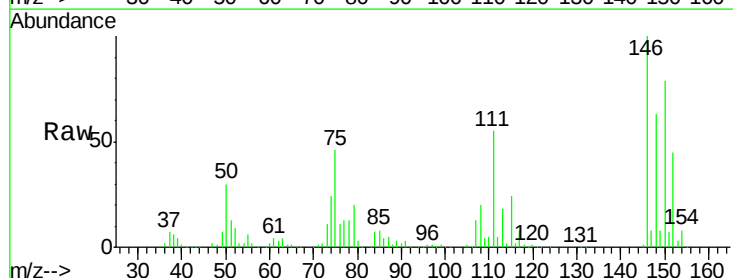


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

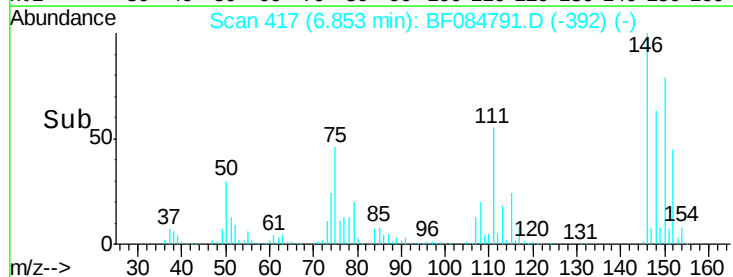
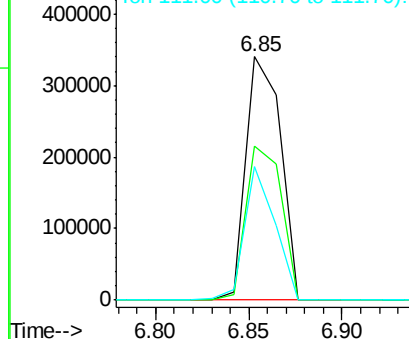


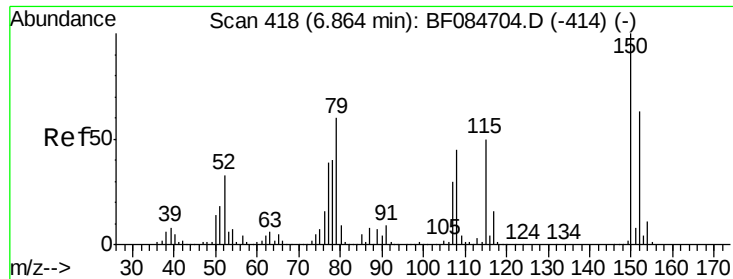
#14
 1,2-Dichlorobenzene
 Concen: 34.80 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:146 Resp: 438232
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 55.0 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

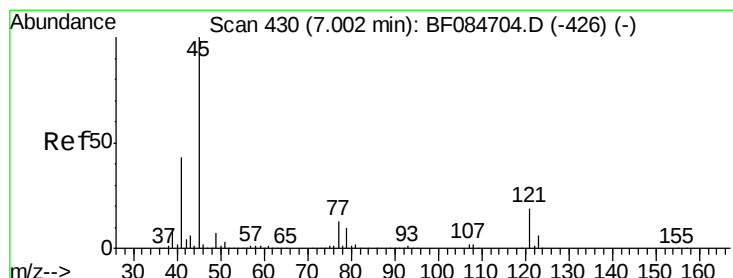
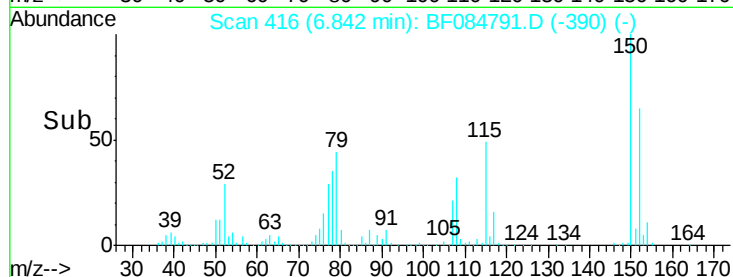
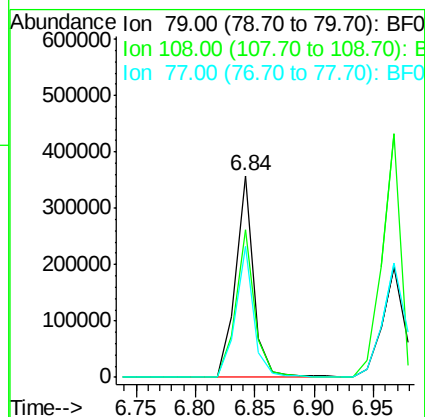
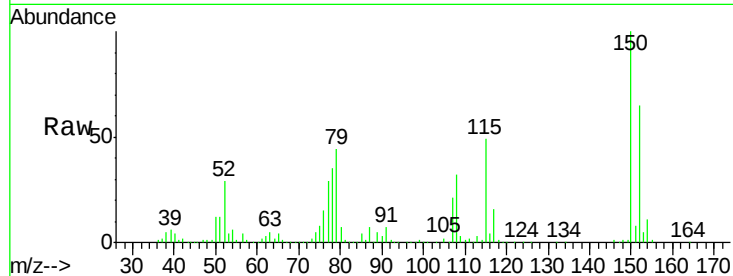
Tgt Ion: 79 Resp: 384418

Ion Ratio Lower Upper

79 100

108 73.3 69.0 103.4

77 64.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.22 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

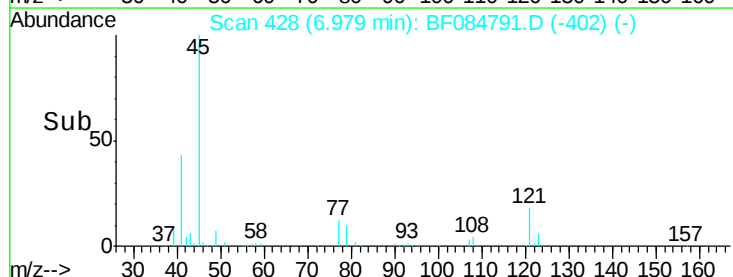
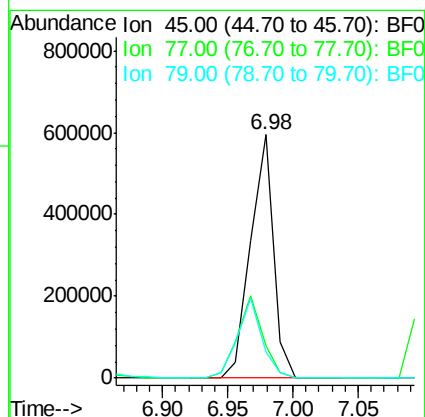
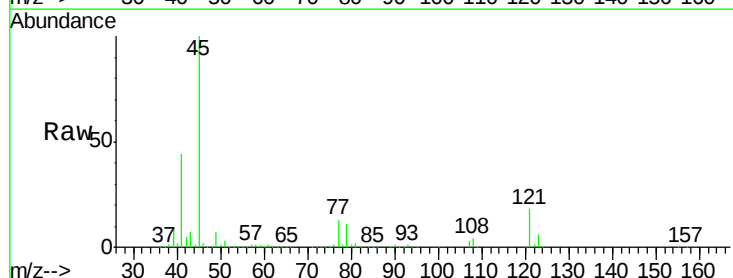
Tgt Ion: 45 Resp: 725616

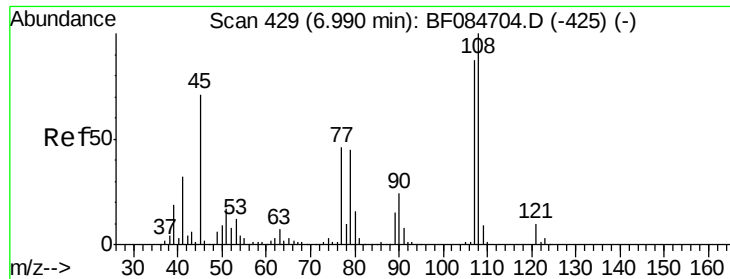
Ion Ratio Lower Upper

45 100

77 13.5 0.0 39.6

79 10.6 0.0 35.0

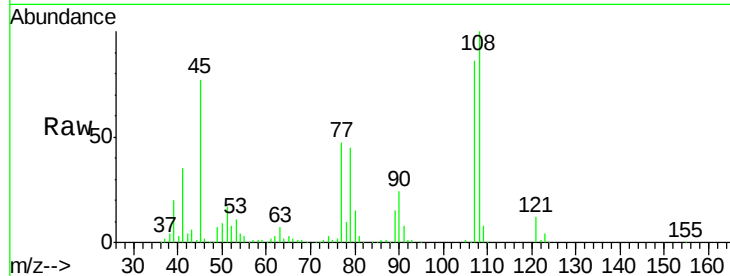




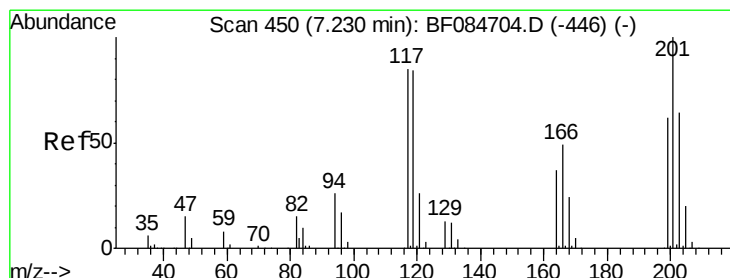
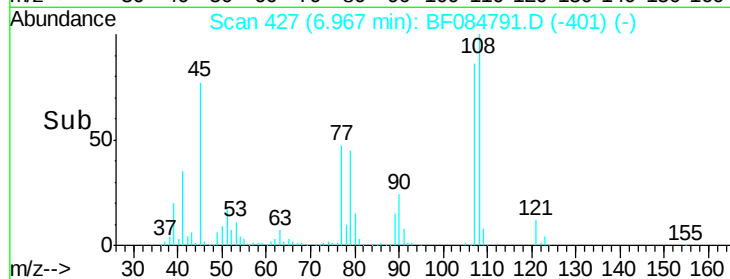
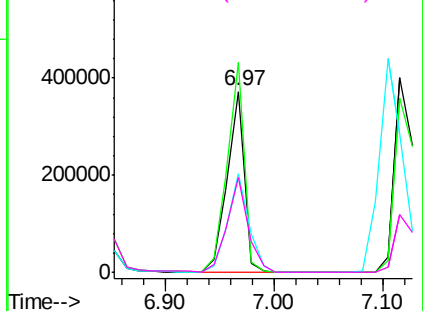
#17
2-Methylphenol
Concen: 40.13 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion:107 Resp: 406285
Ion Ratio Lower Upper
107 100
108 115.7 89.8 134.6
77 54.3 35.7 53.5#
79 52.3 35.7 53.5

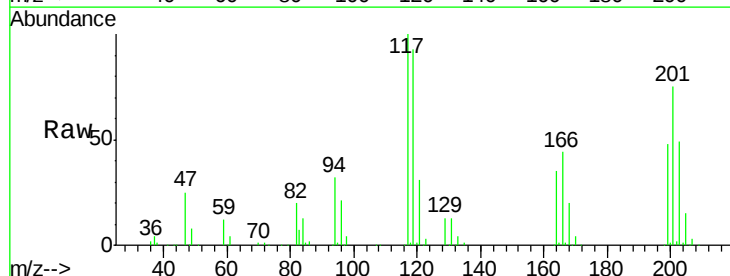


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

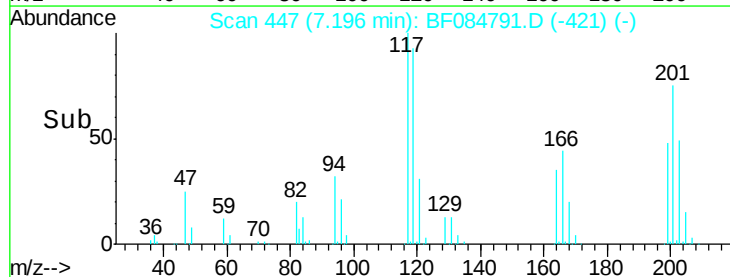
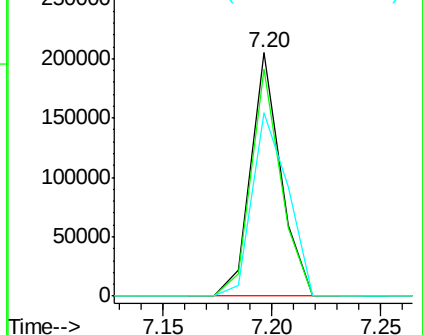


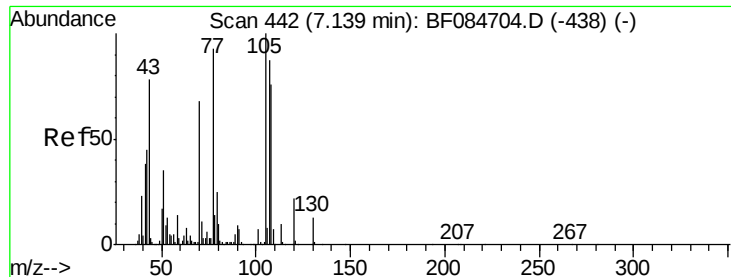
#18
Hexachloroethane
Concen: 37.70 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:117 Resp: 196331
Ion Ratio Lower Upper
117 100
119 93.4 77.4 116.0
201 75.4 68.6 103.0



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

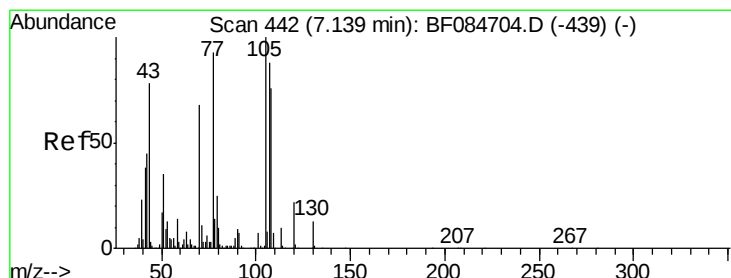
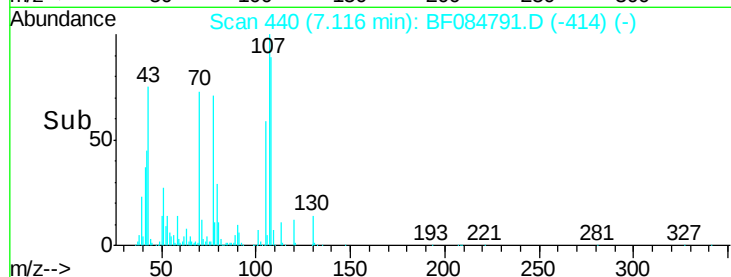
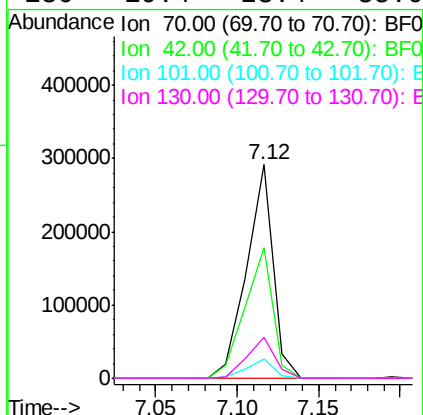
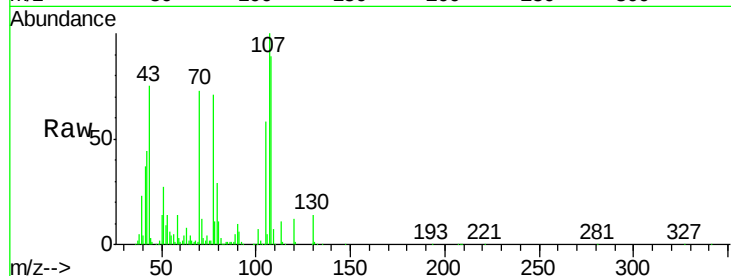




#19
n-Nitroso-di-n-propylamine
Concen: 37.45 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

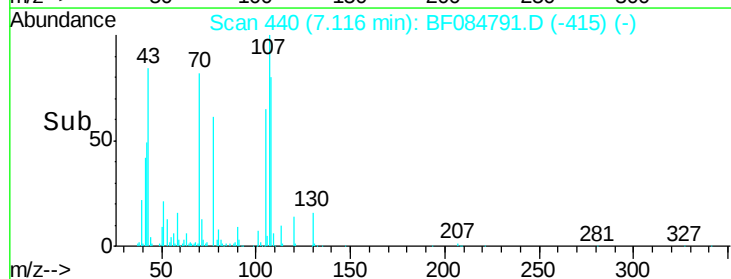
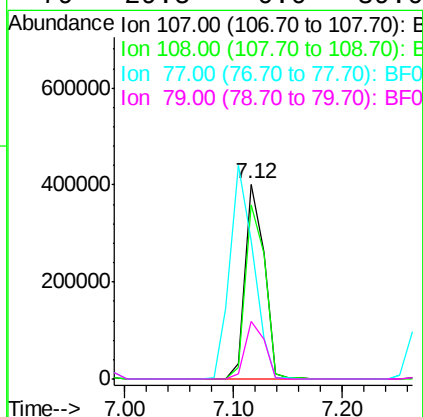
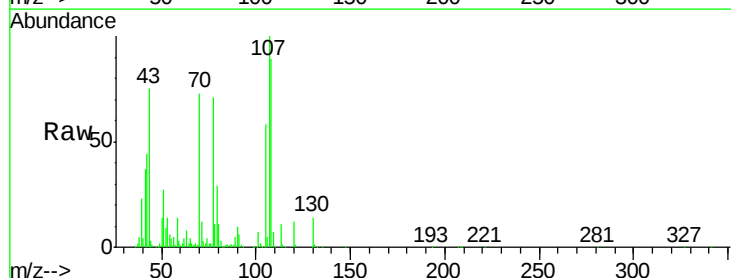
Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.2	33.3	49.9#
101	9.2	9.3	13.9#
130	19.4	23.4	35.0#



#20
3+4-Methylphenols
Concen: 38.59 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	74.6	114.6
77	70.7	0.7	40.7#
79	29.5	0.0	39.0

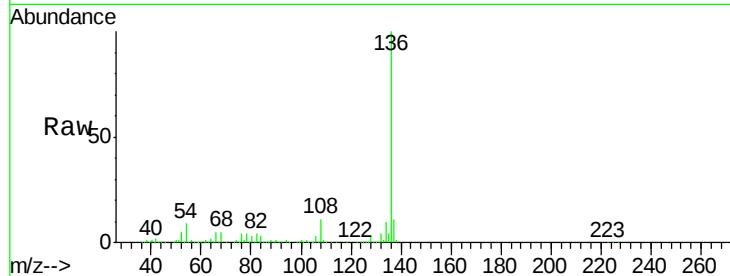




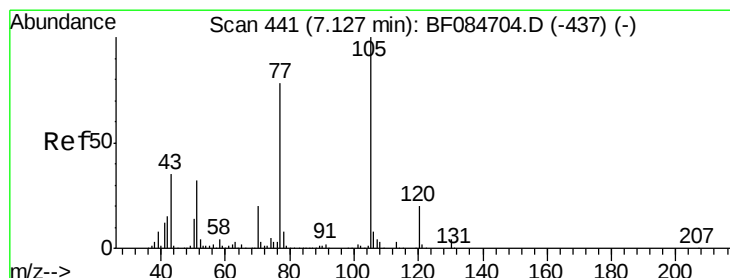
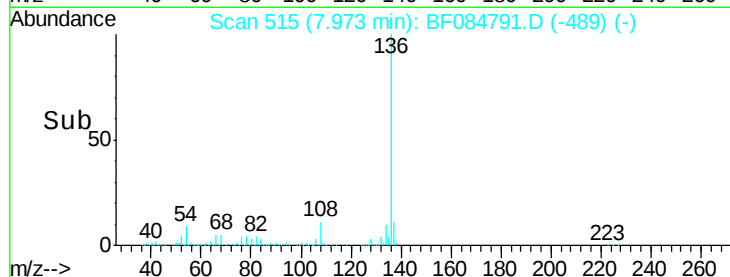
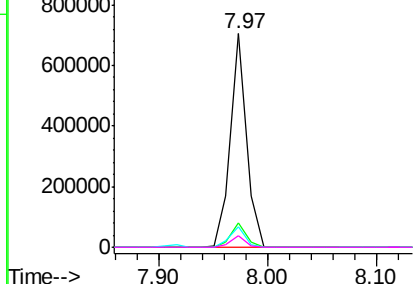
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion:	136	Resp:	719756
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.3	5.8	8.8#
68	5.2	4.2	6.2

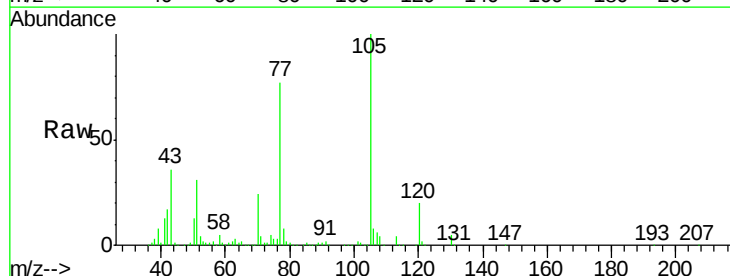


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

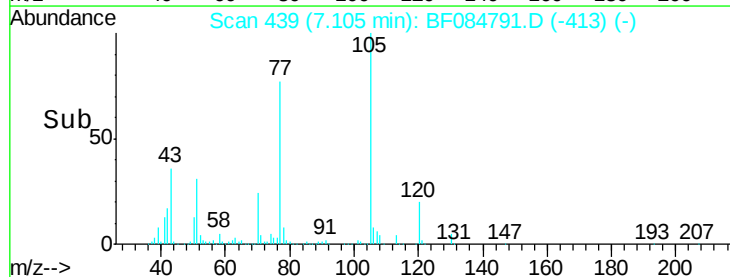
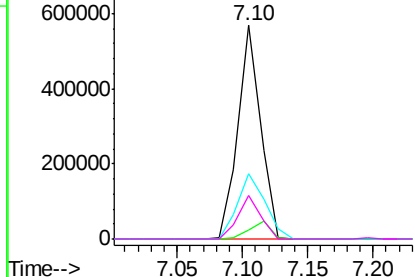


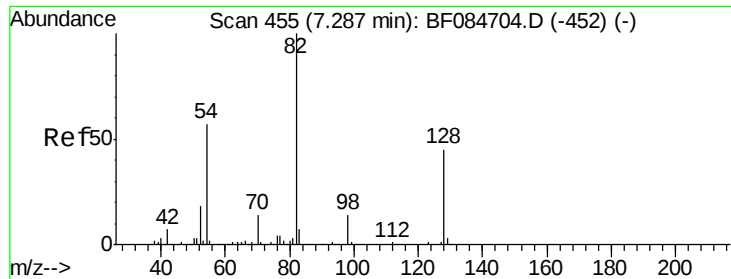
#22
Acetophenone
Concen: 36.01 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:	105	Resp:	683092
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.7	5.5
51	30.7	25.1	37.7
120	20.4	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

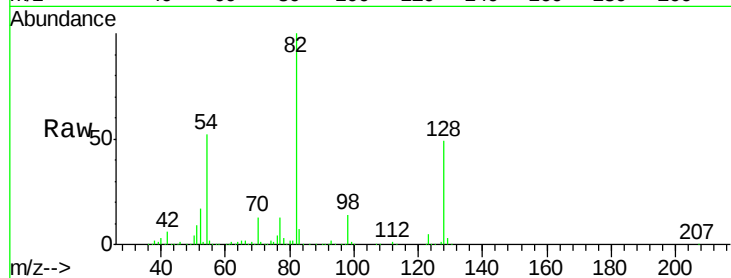




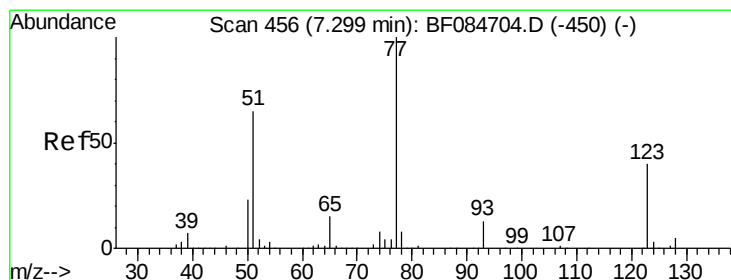
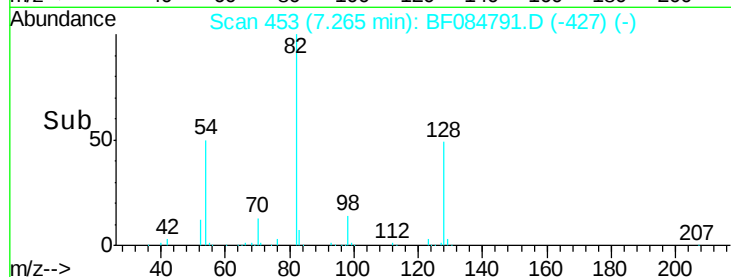
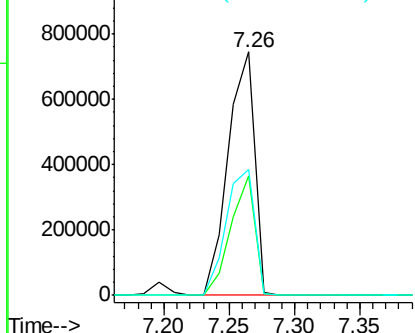
#23
 Nitrobenzene-d5
 Concen: 81.99 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampled :
 PB88149BS

Tgt Ion: 82 Resp: 1047625
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.6 51.8
 54 51.9 38.4 57.6

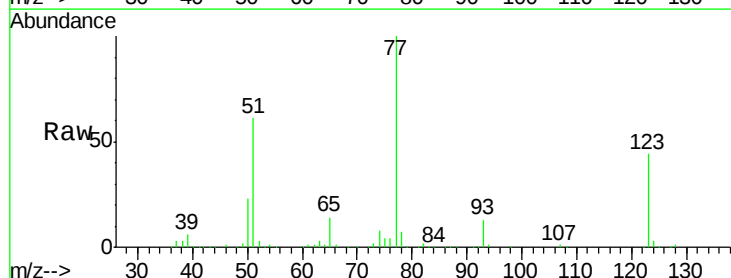


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

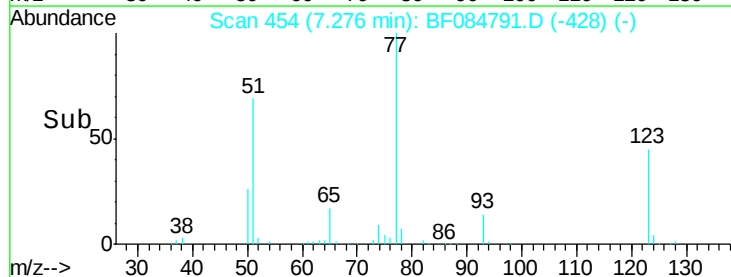
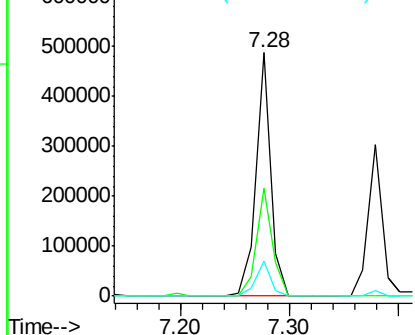


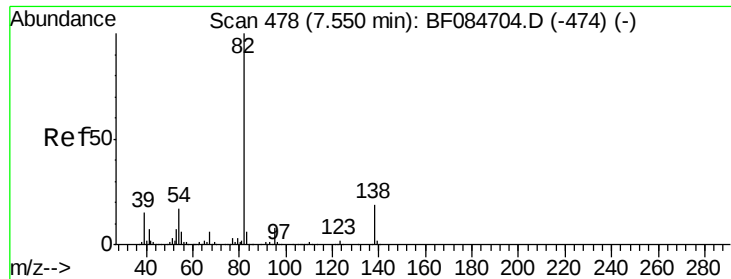
#24
 Nitrobenzene
 Concen: 34.25 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion: 77 Resp: 468586
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.4 56.2
 65 14.5 10.9 16.3



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





#25

Isophorone

Concen: 37.33 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

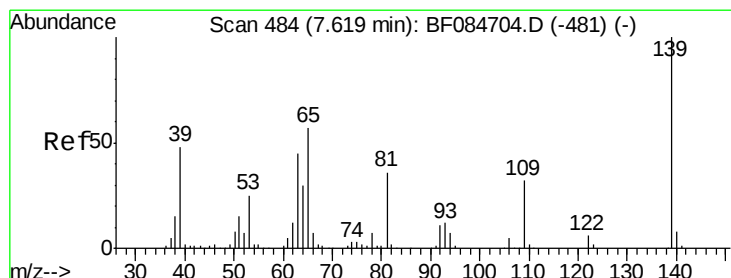
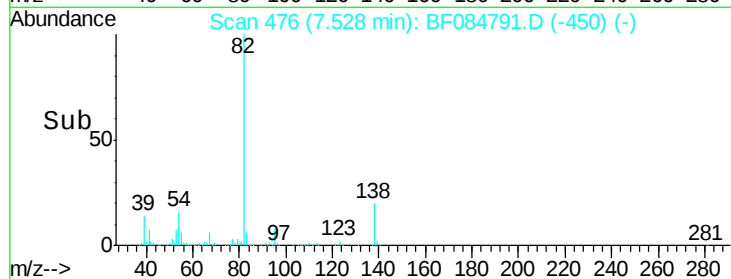
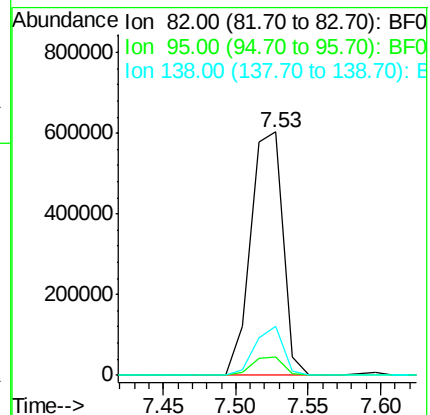
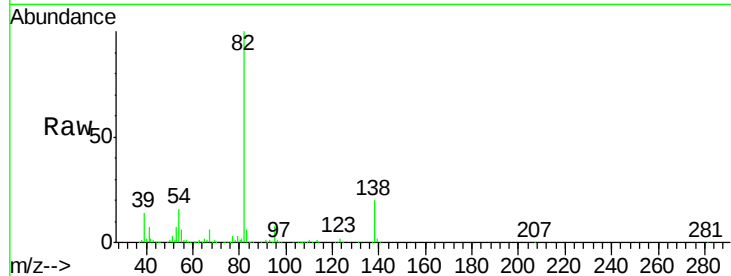
Tgt Ion: 82 Resp: 927571

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 20.1 13.6 20.4



#26

2-Nitrophenol

Concen: 40.65 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

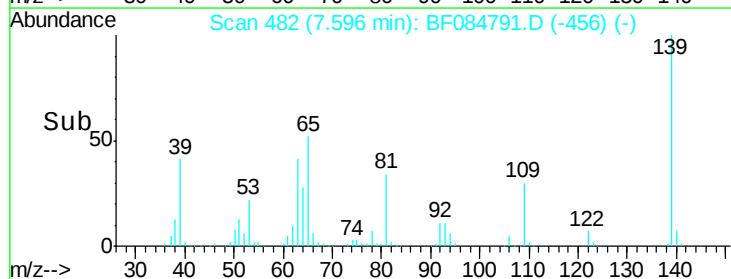
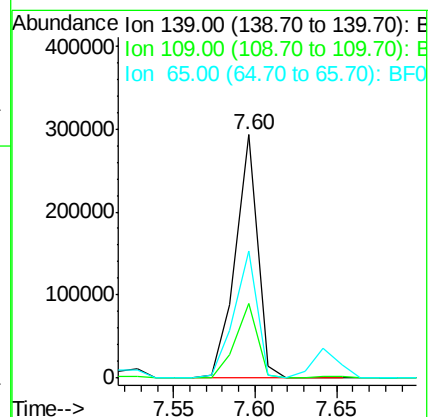
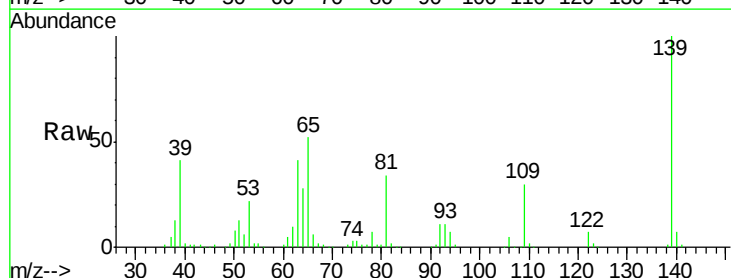
Tgt Ion: 139 Resp: 274324

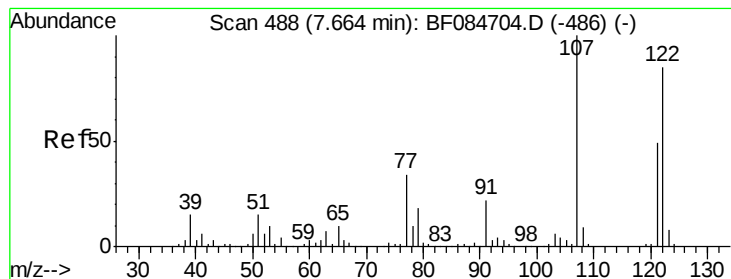
Ion Ratio Lower Upper

139 100

109 30.4 25.4 38.2

65 52.2 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 38.11 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

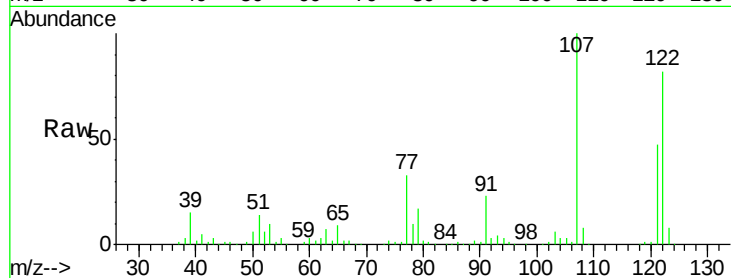
Tgt Ion:122 Resp: 447288

Ion Ratio Lower Upper

122 100

107 121.6 99.1 148.7

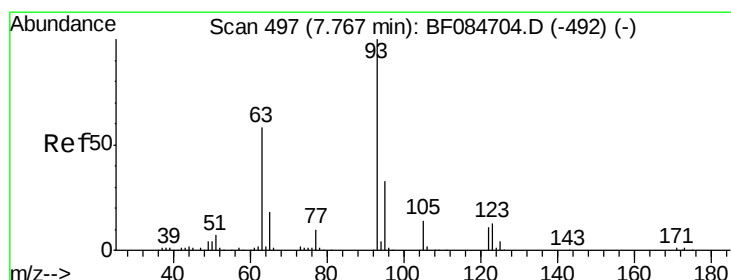
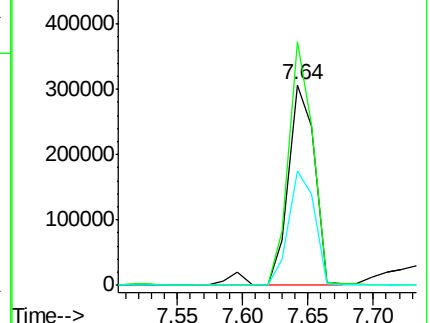
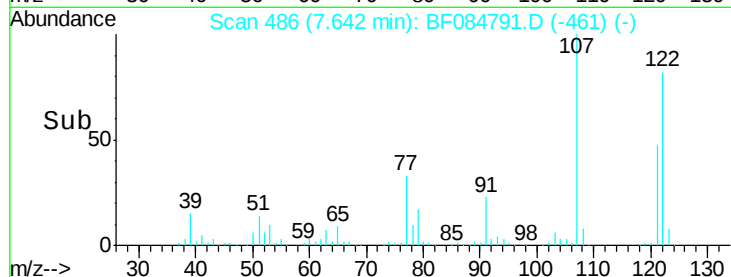
121 57.1 47.9 71.9



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: 37.24 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

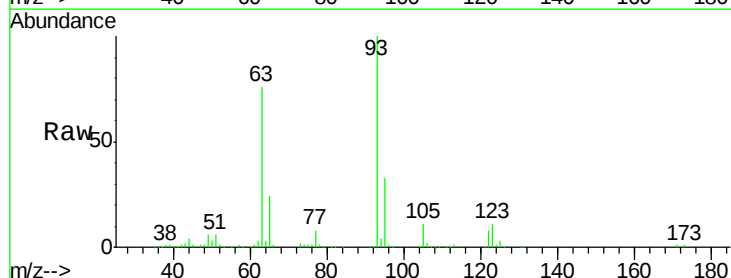
Tgt Ion: 93 Resp: 548874

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

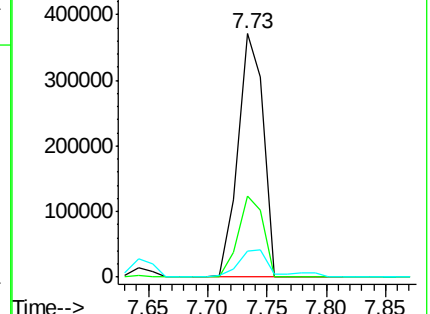
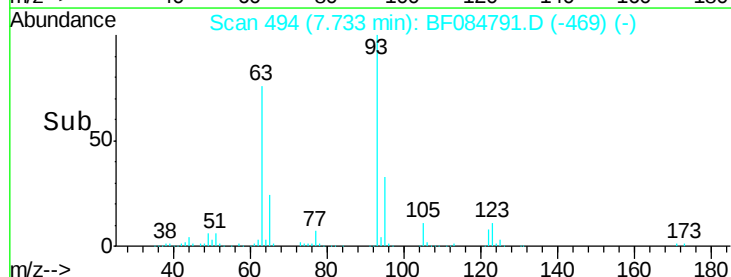
123 10.7 8.6 12.8

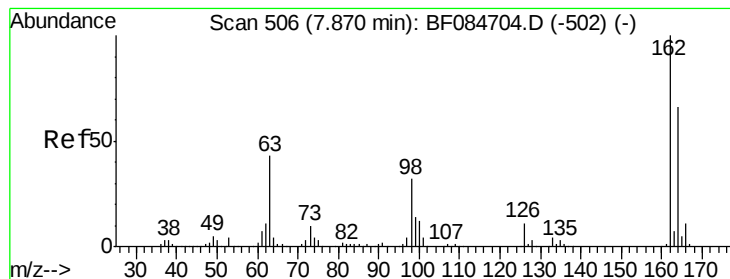


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

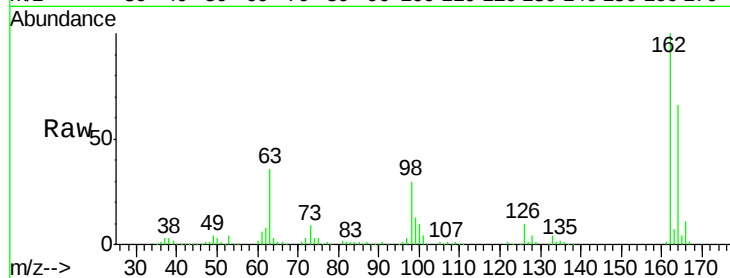




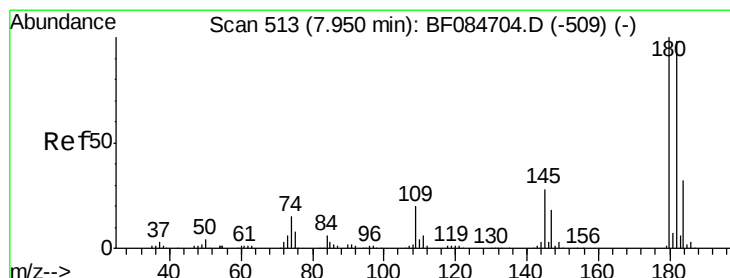
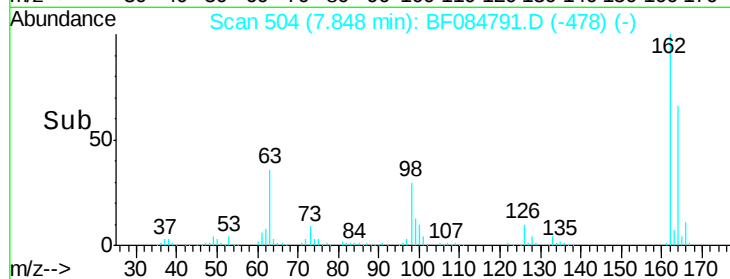
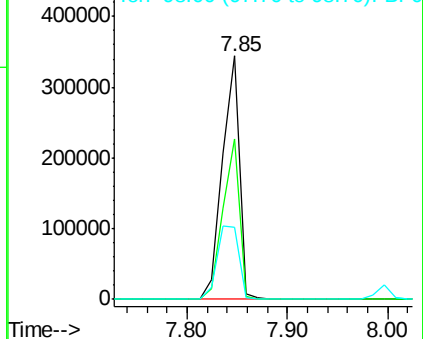
#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:162 Resp: 405472
 Ion Ratio Lower Upper
 162 100
 164 65.9 44.1 84.1
 98 29.7 20.2 60.2

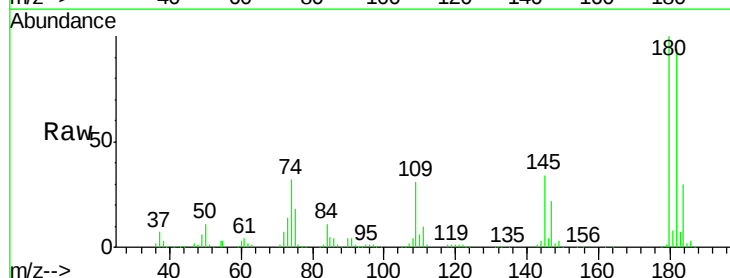


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

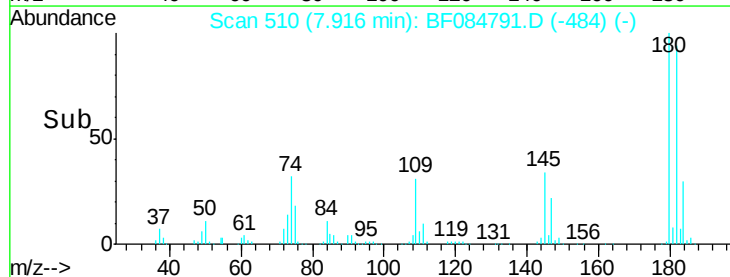
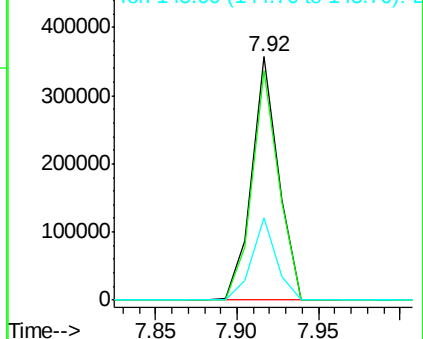


#30
 1,2,4-Trichlorobenzene
 Concen: 35.81 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:180 Resp: 406238
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 145 33.8 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: 36.79 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

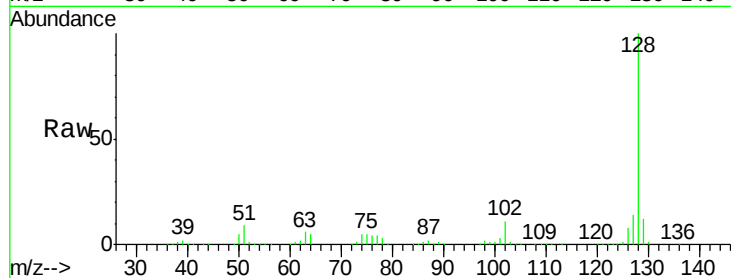
Tgt Ion:128 Resp: 1328384

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

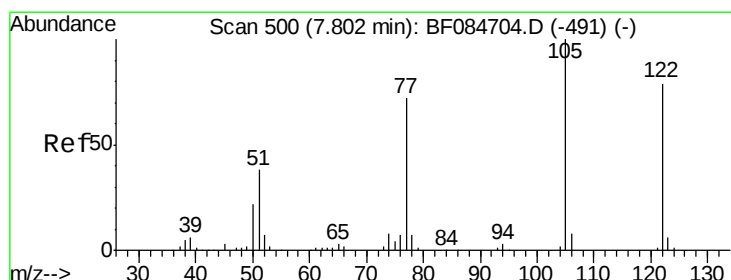
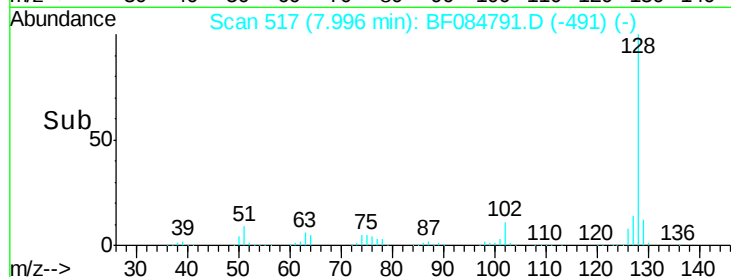
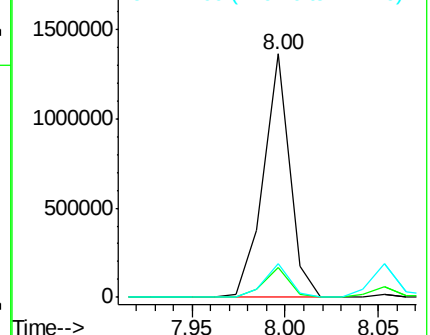
127 13.7 11.1 16.7



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: 37.65 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

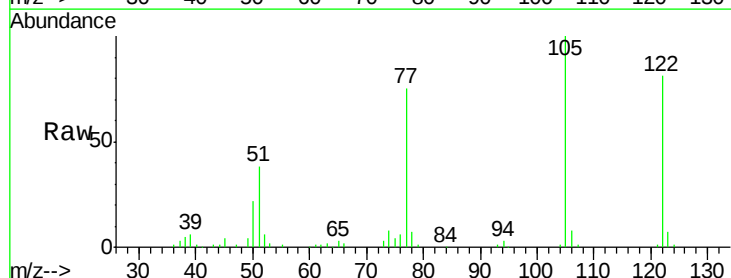
Tgt Ion:122 Resp: 282634

Ion Ratio Lower Upper

122 100

105 122.7 100.3 140.3

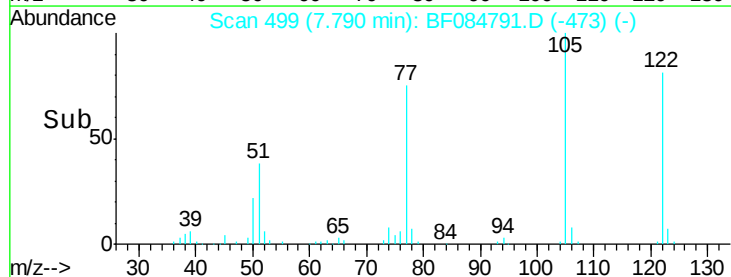
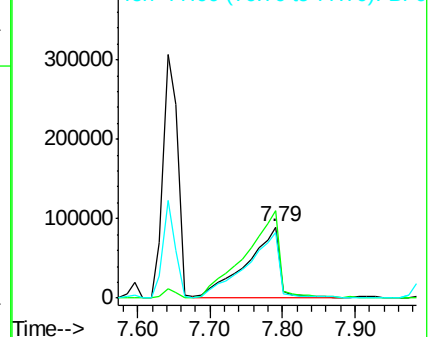
77 92.3 63.5 103.5

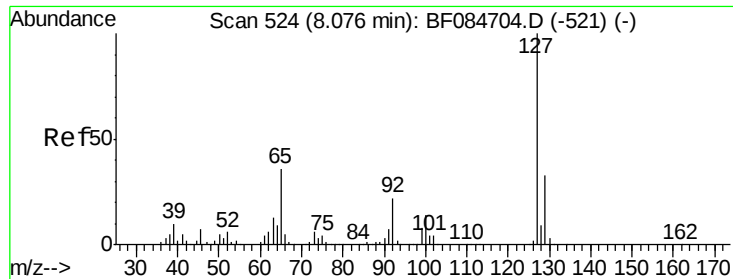


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

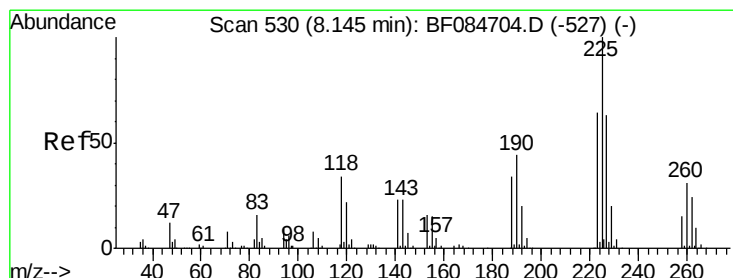
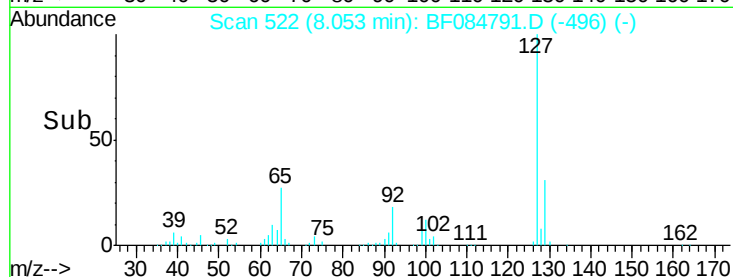
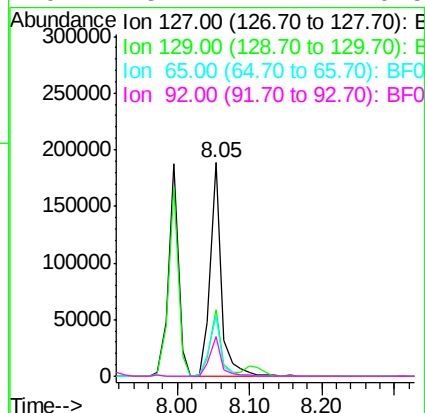
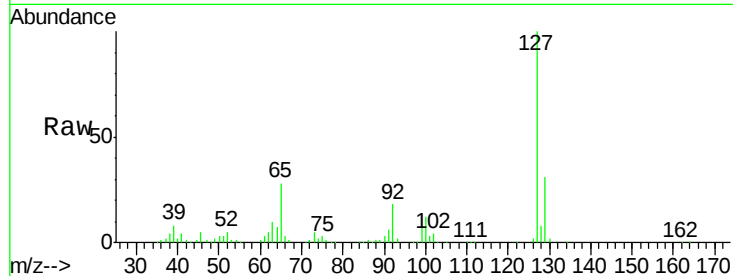




#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

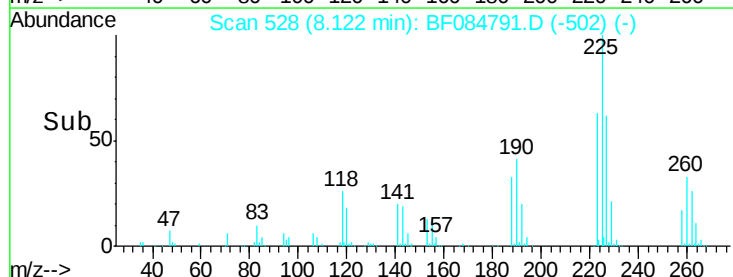
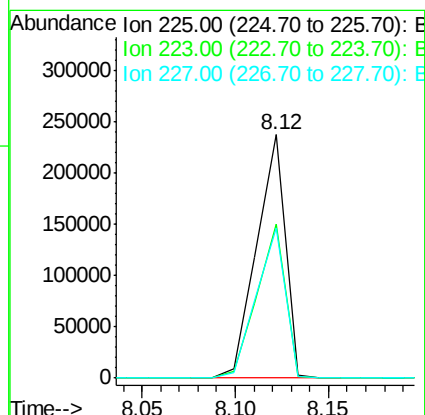
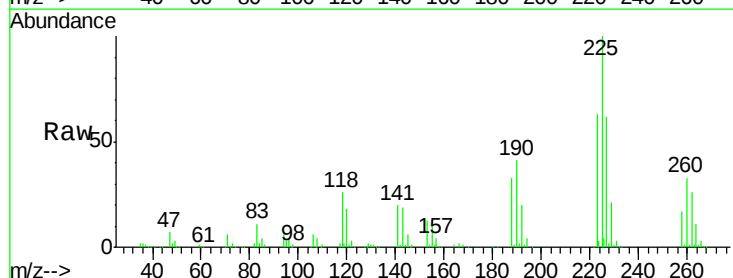
Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion:	127	Resp:	203429
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.5	39.7
65	28.3	27.2	40.8
92	18.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.45 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:	225	Resp:	251511
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	61.9	50.8	76.2





#35

Caprolactam

Concen: 24.78 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

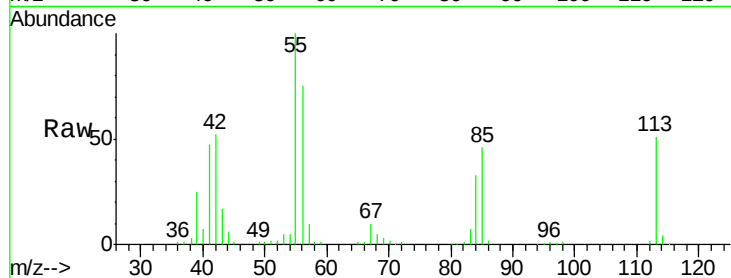
Tgt Ion:113 Resp: 76713

Ion Ratio Lower Upper

113 100

55 198.0 116.9 156.9#

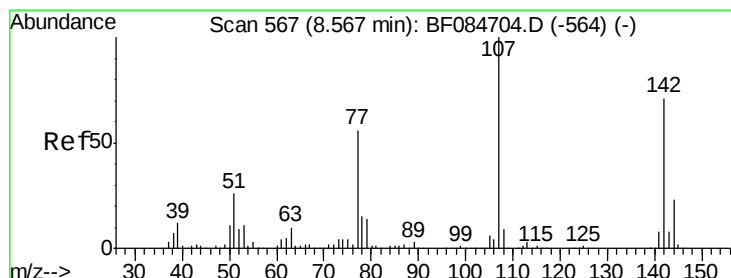
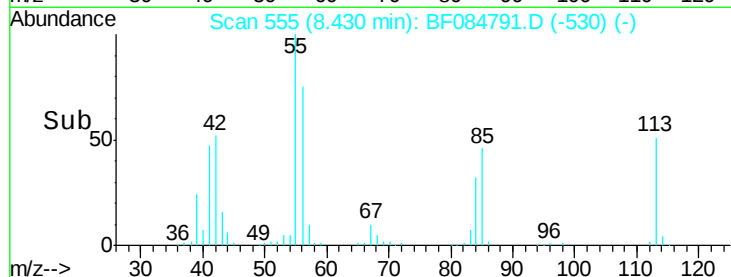
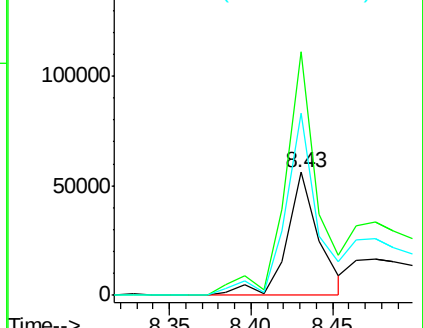
56 148.3 93.8 133.8#



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: 41.21 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

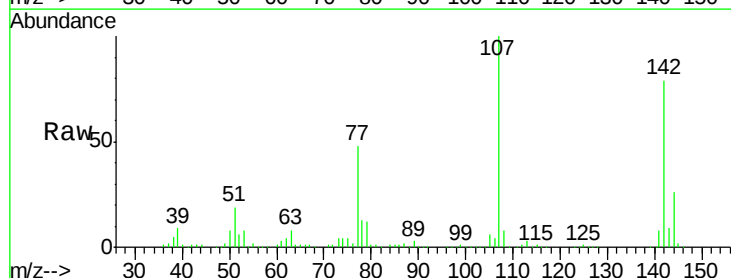
Tgt Ion:107 Resp: 472094

Ion Ratio Lower Upper

107 100

144 25.5 19.7 29.5

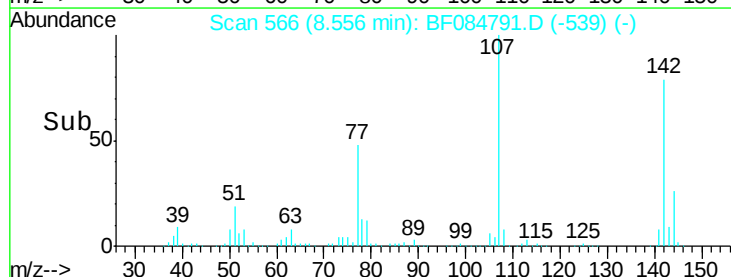
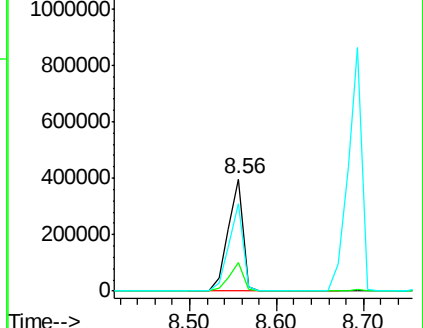
142 78.6 61.8 92.6

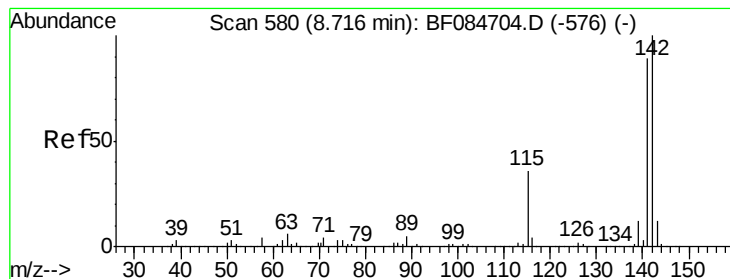


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

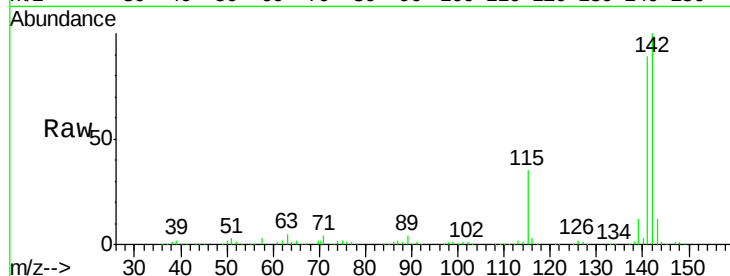




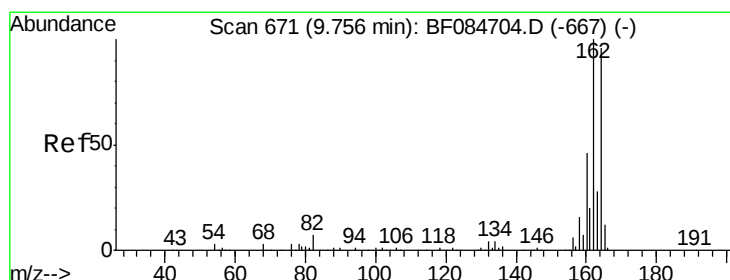
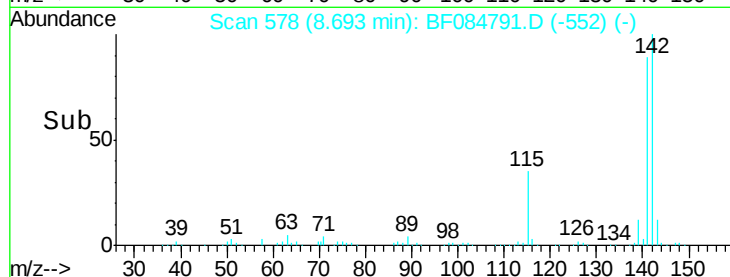
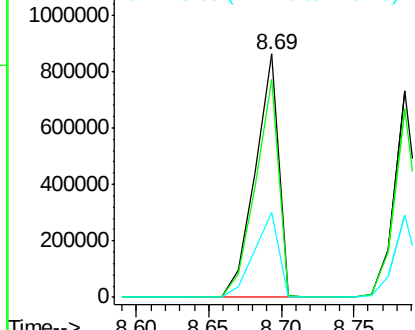
#37
2-Methylnaphthalene
Concen: 42.81 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	35.1	27.9	41.9

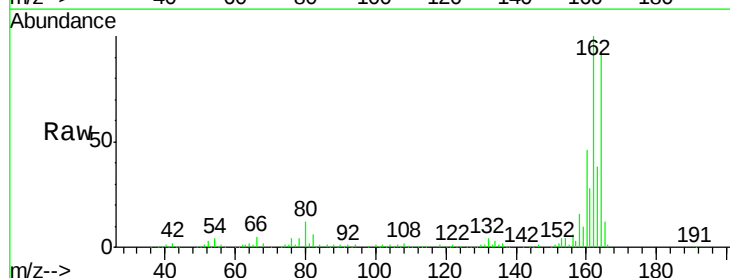


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

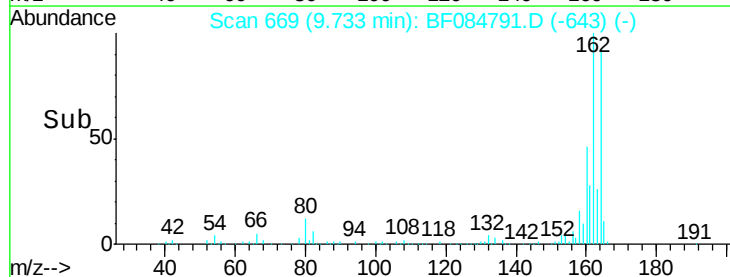
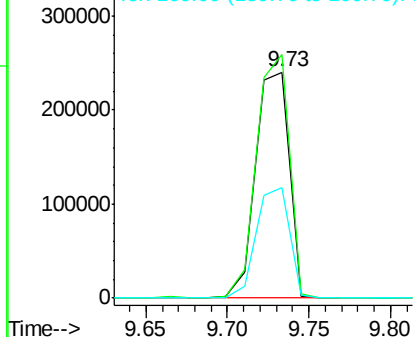


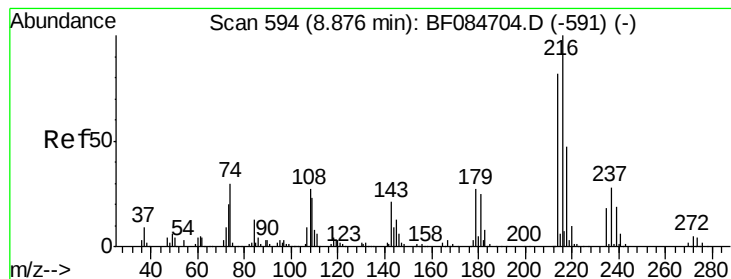
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	49.2	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.48 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tgt Ion:216 Resp: 355942

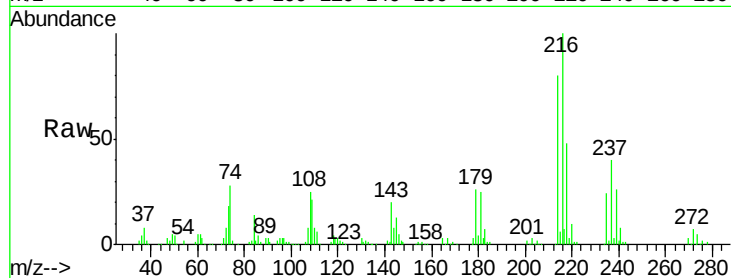
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 23.3 18.7 28.1

108 23.9 16.8 25.2

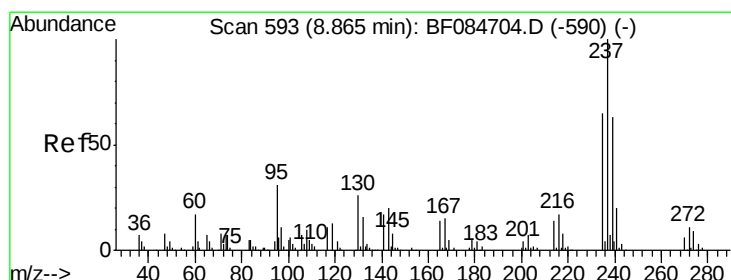
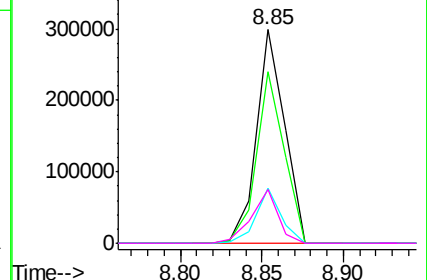
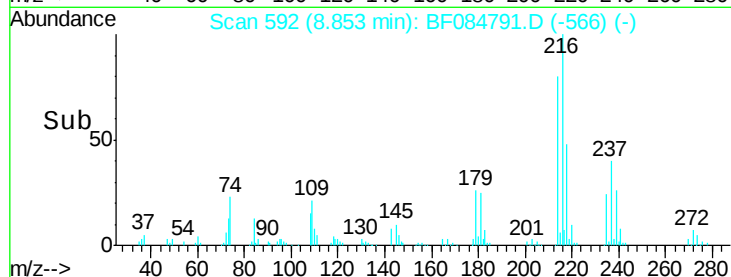


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.19 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

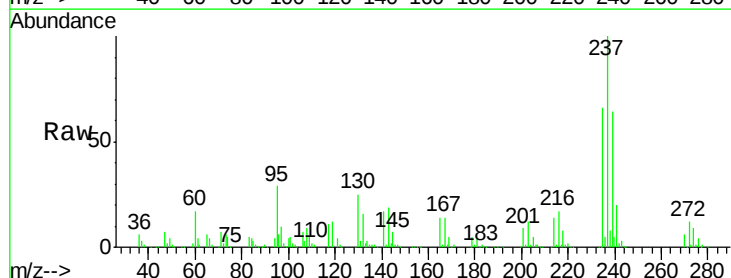
Tgt Ion:237 Resp: 361412

Ion Ratio Lower Upper

237 100

235 66.2 43.1 83.1

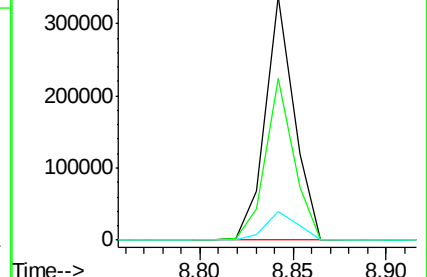
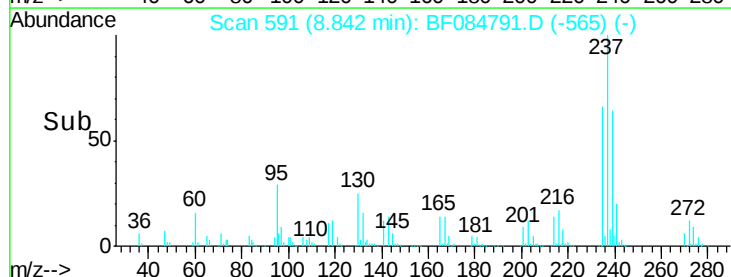
272 11.7 0.0 35.1

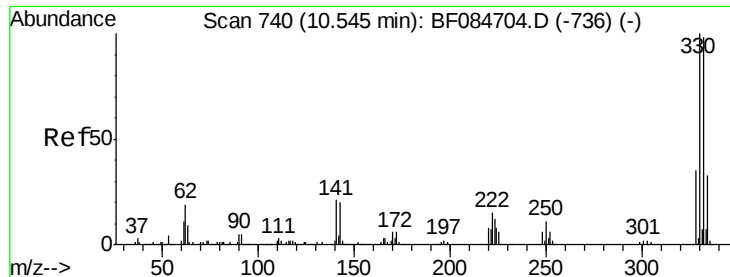


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

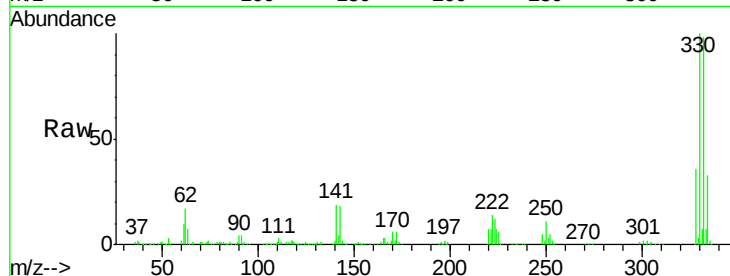




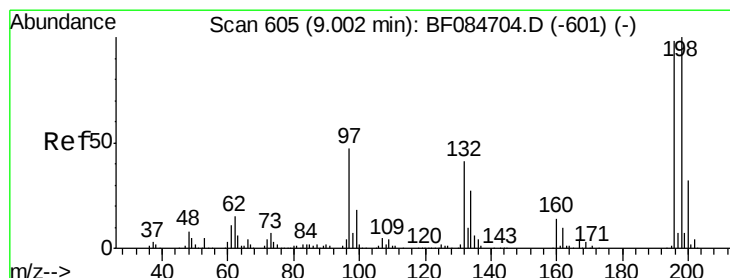
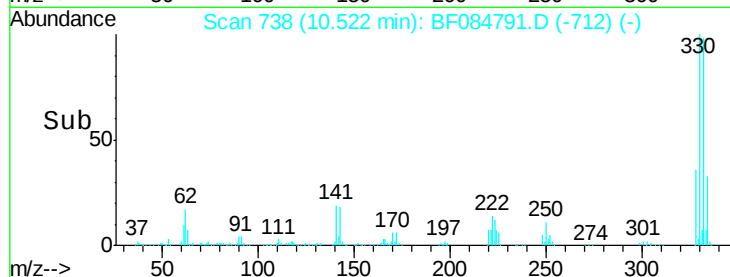
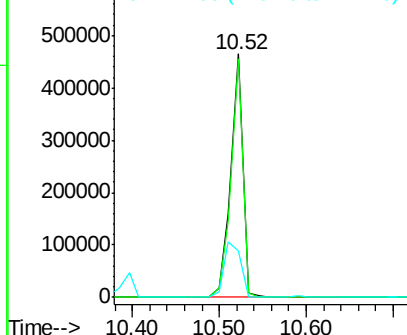
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:330 Resp: 451362
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 32.0 27.8 41.6

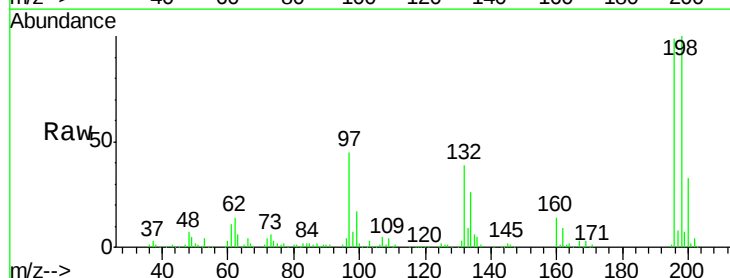


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

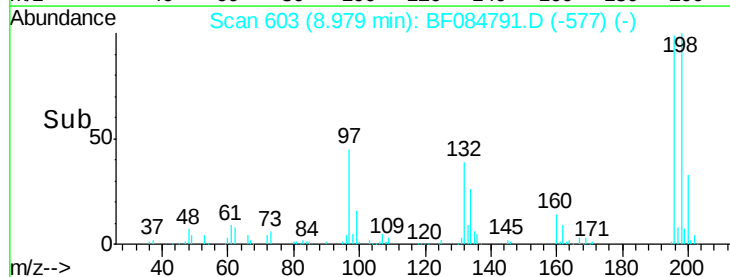
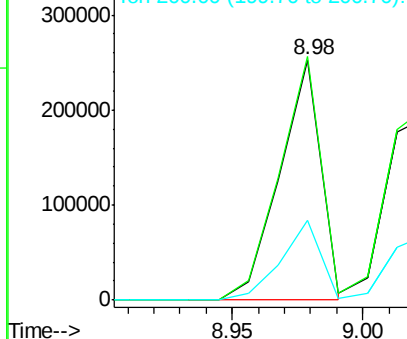


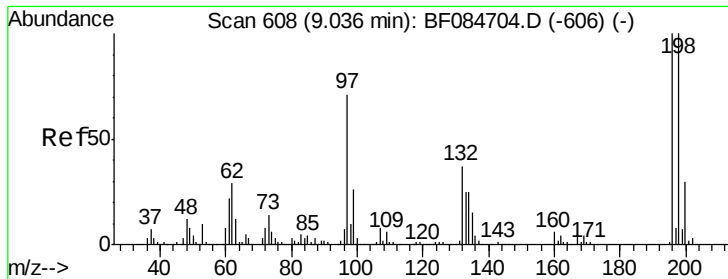
#42
 2,4,6-Trichlorophenol
 Concen: 39.24 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:196 Resp: 277020
 Ion Ratio Lower Upper
 196 100
 198 101.3 77.7 116.5
 200 33.3 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

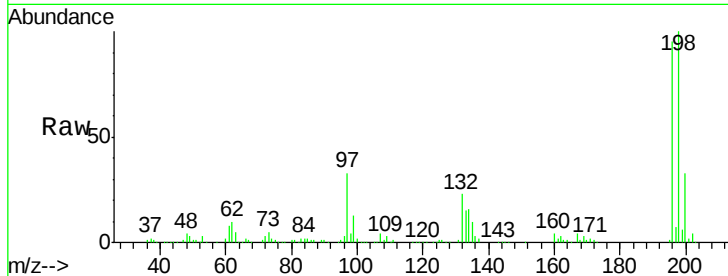




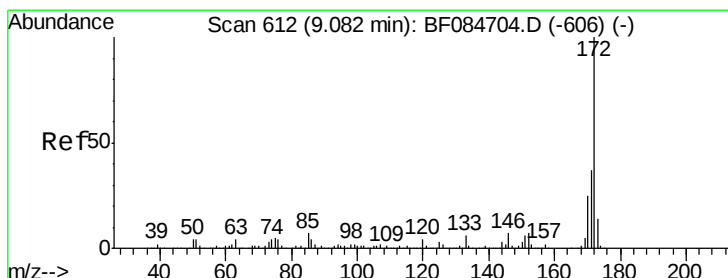
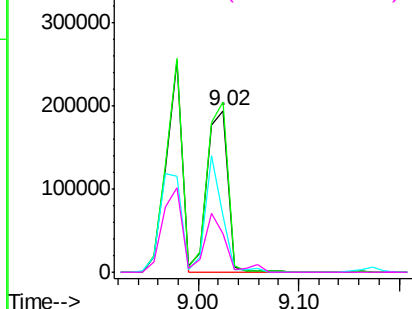
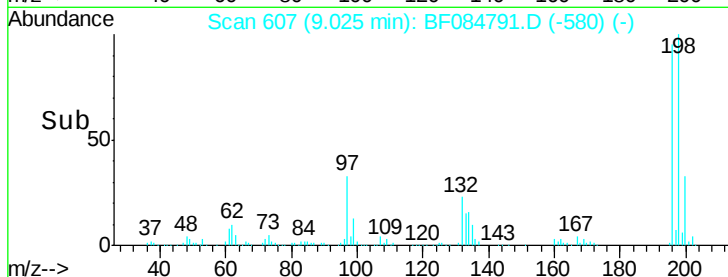
#43
 2,4,5-Trichlorophenol
 Concen: 38.58 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.2	79.0	118.6
97	34.7	33.0	49.6
132	23.8	21.1	31.7

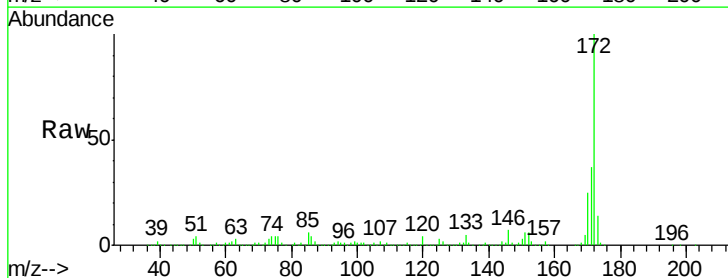


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

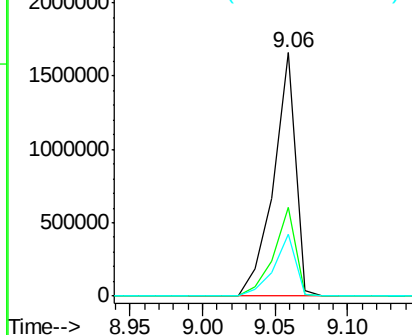
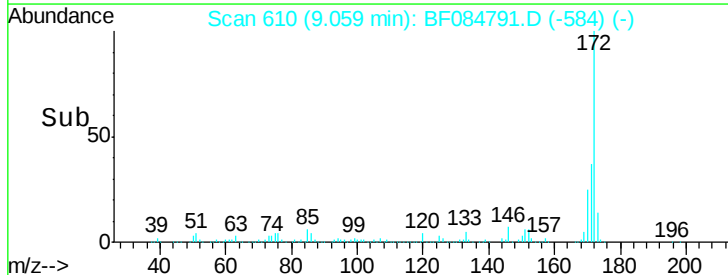


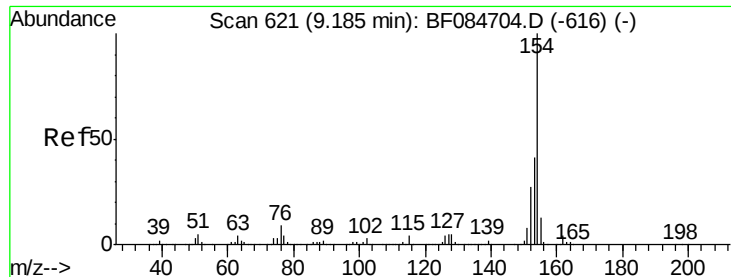
#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	25.2	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

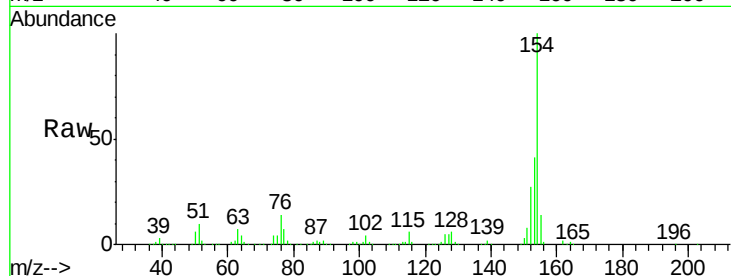




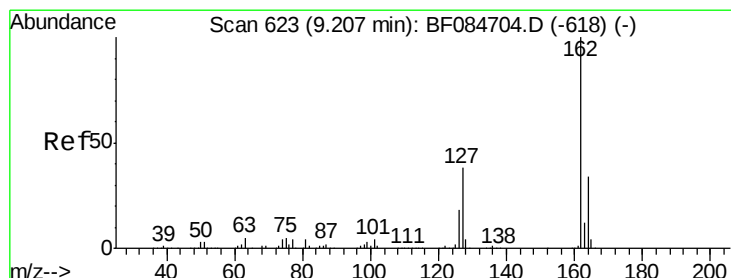
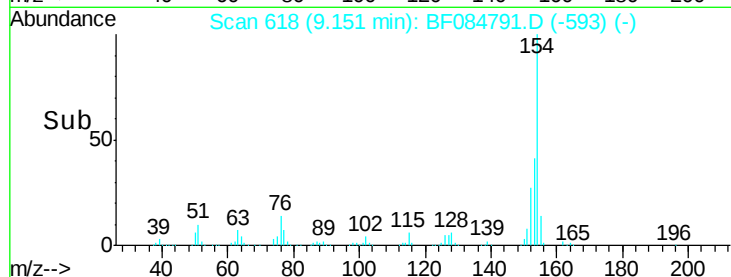
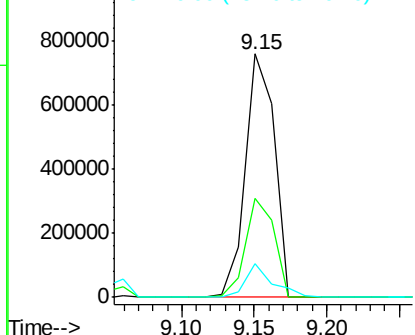
#45
 1,1'-Biphenyl
 Concen: 34.14 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:154 Resp: 1052124
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.6 61.6
 76 14.1 0.0 32.7

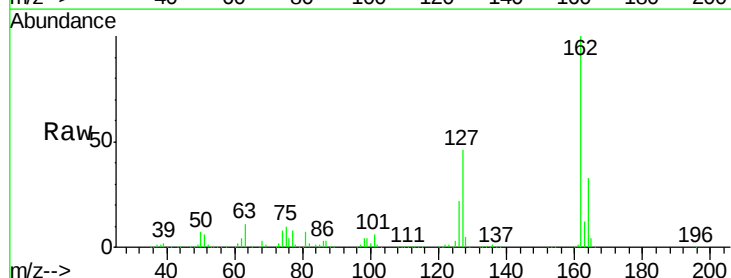


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

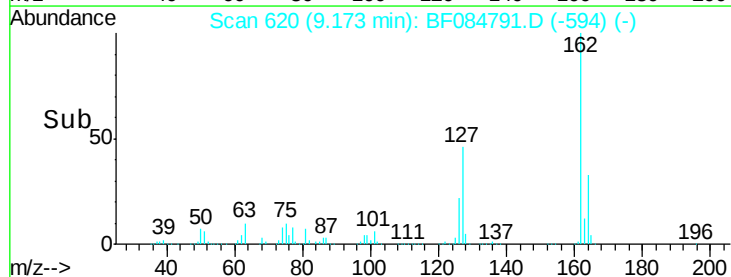
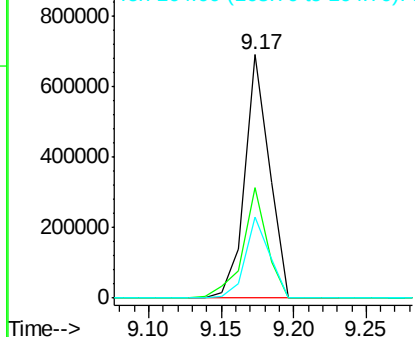


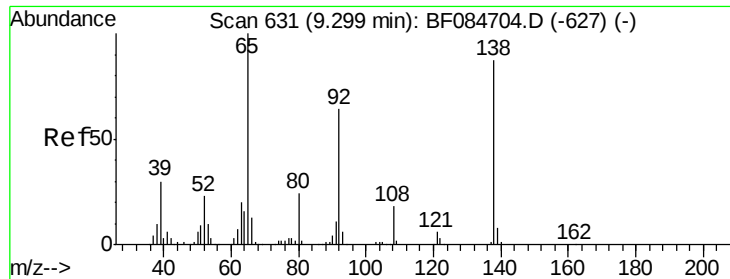
#46
 2-Chloronaphthalene
 Concen: 35.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:162 Resp: 804294
 Ion Ratio Lower Upper
 162 100
 127 45.5 40.2 60.4
 164 33.1 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

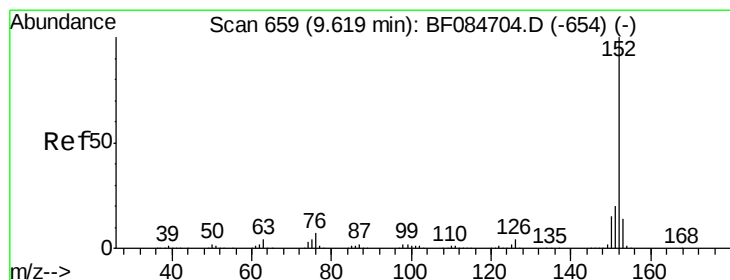
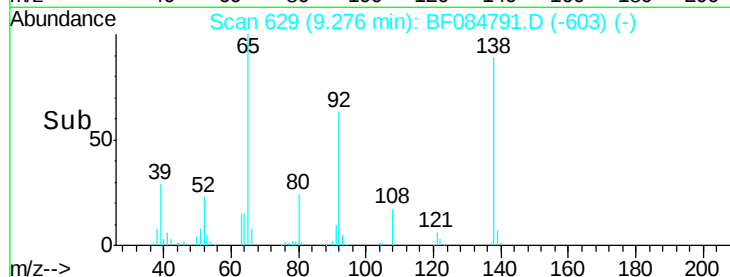
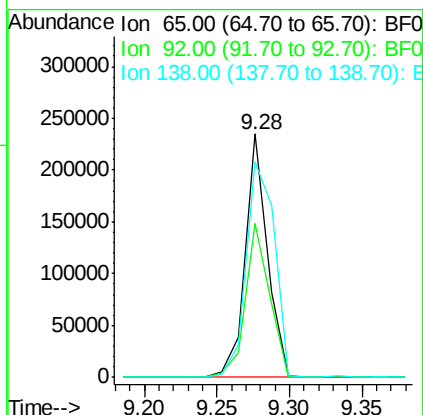
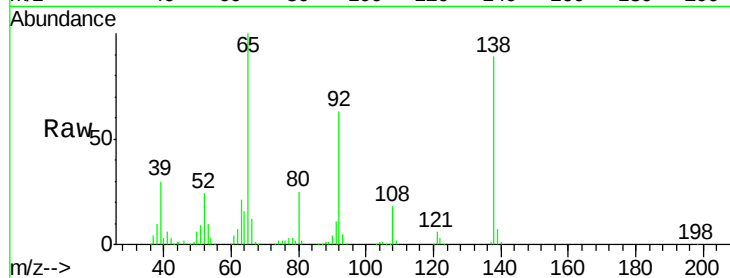




#47
 2-Nitroaniline
 Concen: 34.79 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

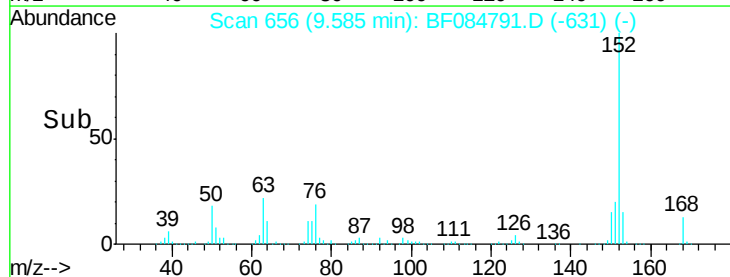
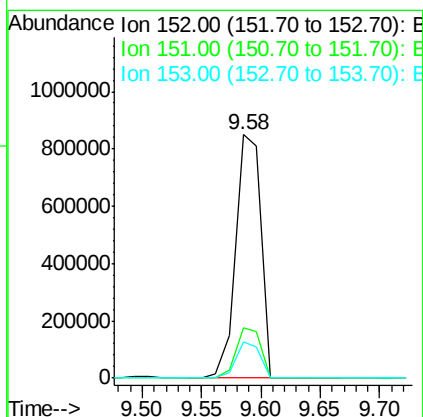
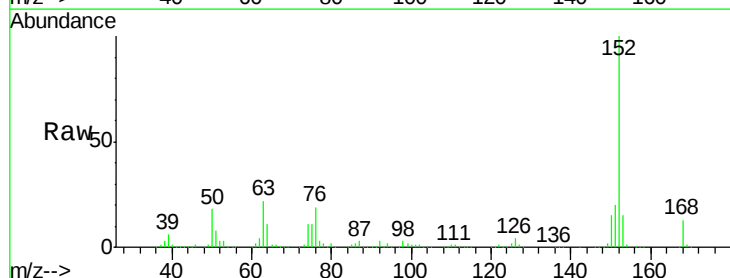
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

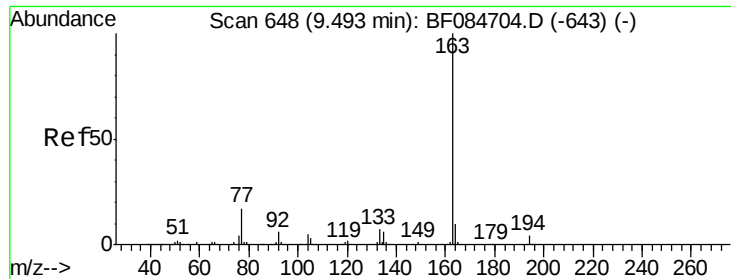
Tgt Ion: 65 Resp: 250043
 Ion Ratio Lower Upper
 65 100
 92 63.0 53.4 80.2
 138 88.5 71.1 106.7



#48
 Acenaphthylene
 Concen: 36.36 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion: 152 Resp: 1252511
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 14.9 10.4 15.6

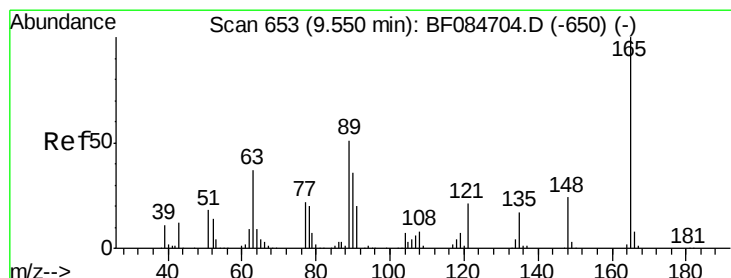
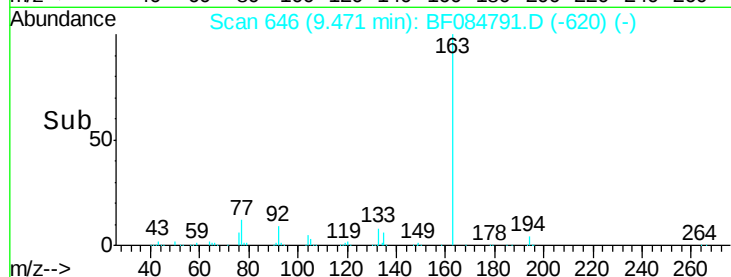
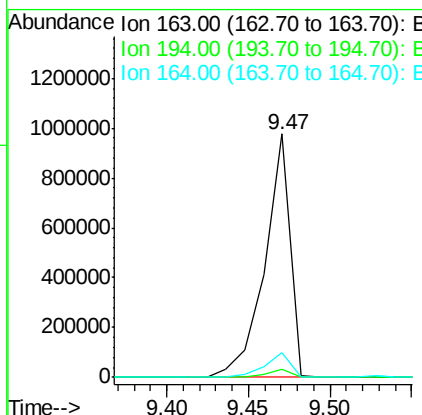
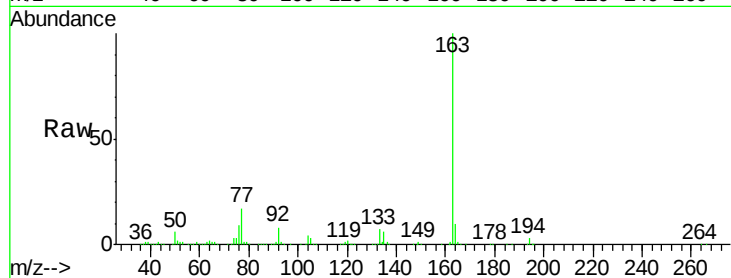




#49
Dimethylphthalate
Concen: 40.12 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

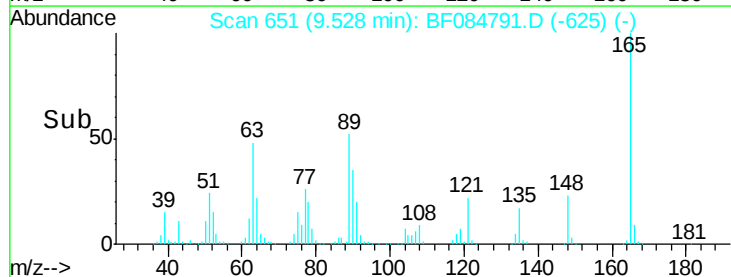
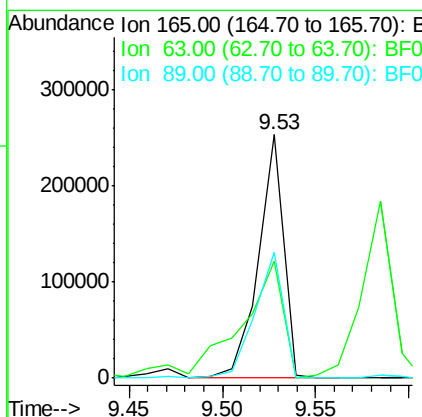
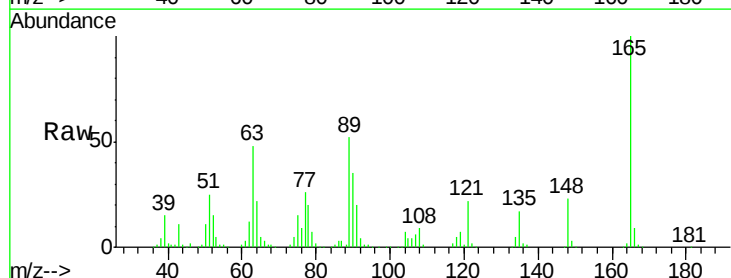
Instrument :
BNA_F
ClientSampleId :
PB88149BS

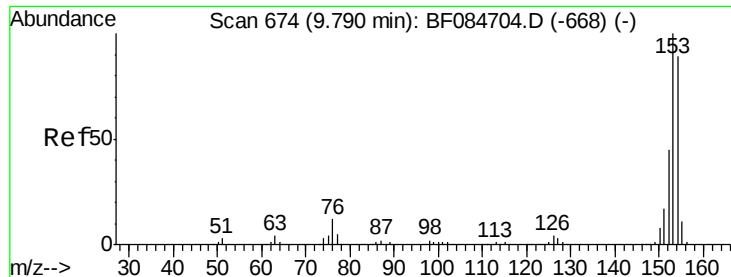
Tgt Ion:163 Resp: 1054539
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 40.94 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:165 Resp: 235028
Ion Ratio Lower Upper
165 100
63 48.2 28.8 43.2#
89 51.8 35.1 52.7

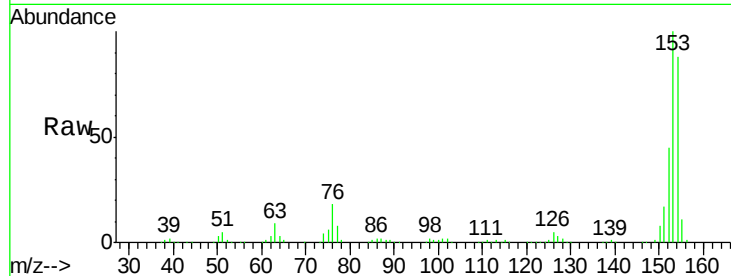




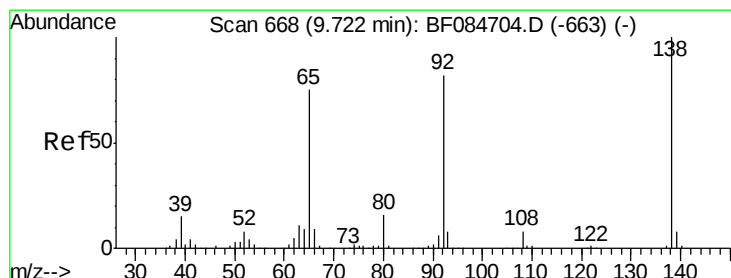
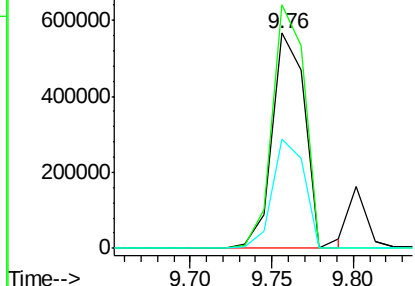
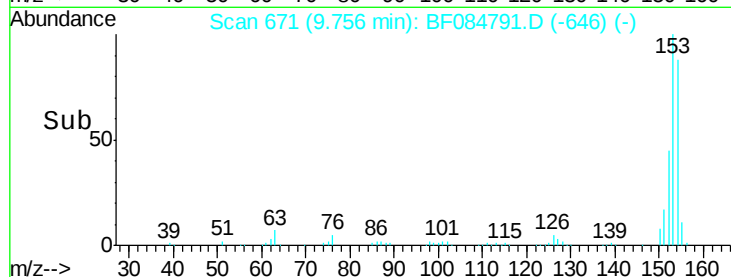
#51
Acenaphthene
Concen: 35.59 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion:154 Resp: 797409
Ion Ratio Lower Upper
154 100
153 113.2 91.5 137.3
152 50.9 43.0 64.6

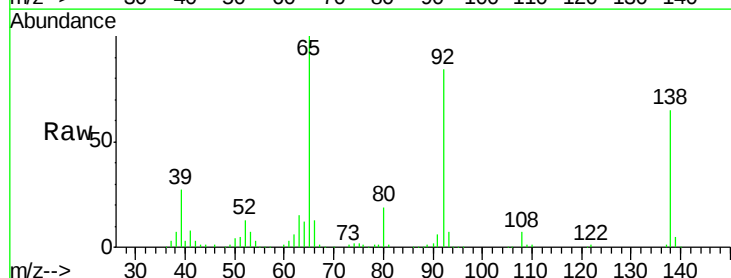


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

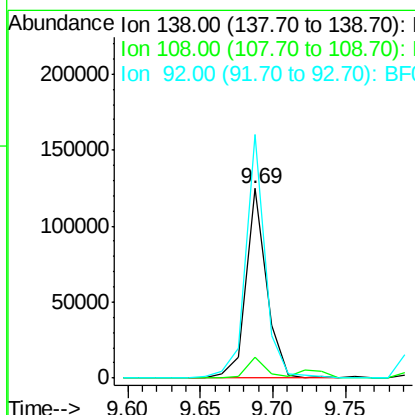
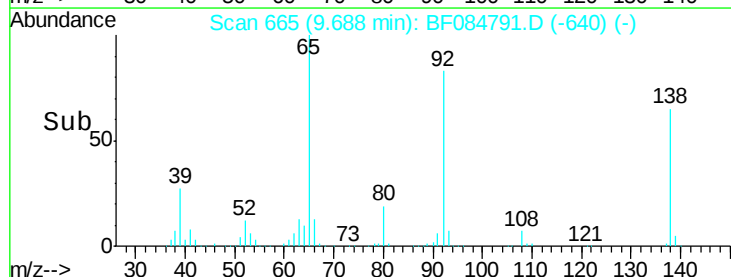


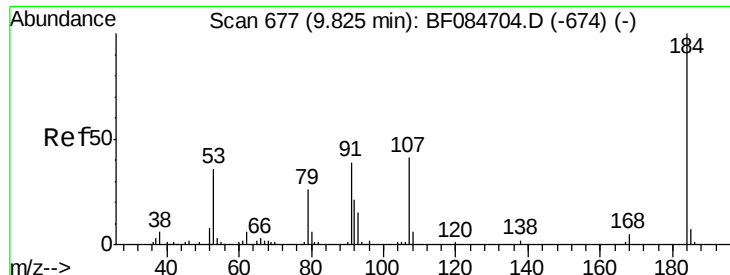
#52
3-Nitroaniline
Concen: 18.98 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:138 Resp: 122424
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 128.6 103.9 155.9



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

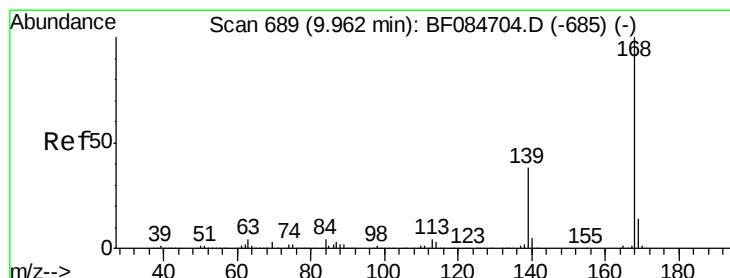
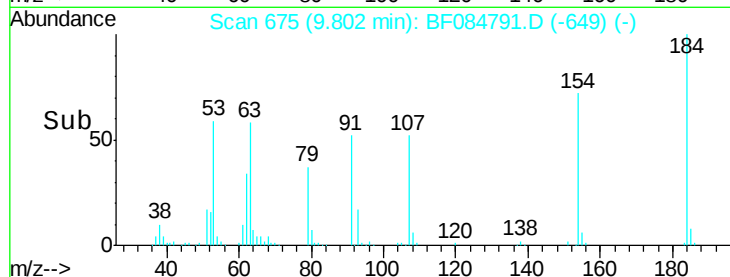
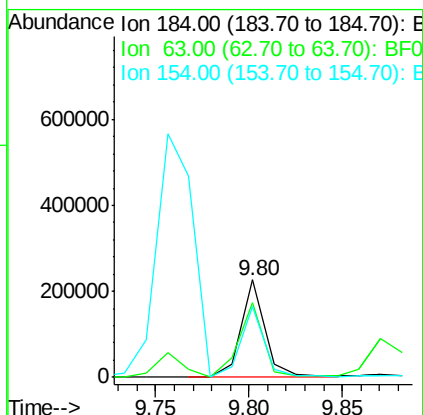
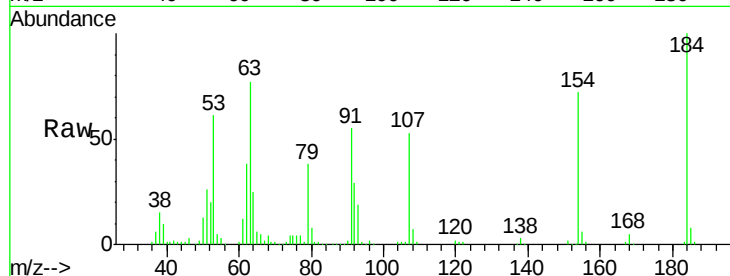




#53
2,4-Dinitrophenol
Concen: 78.48 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

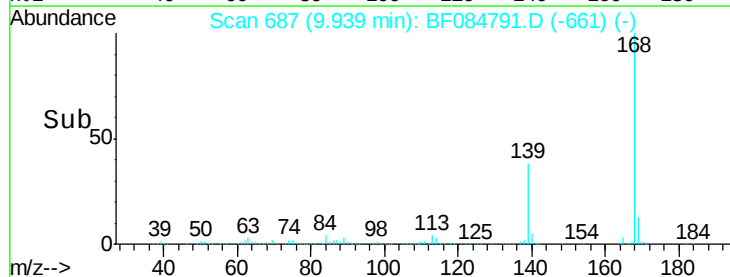
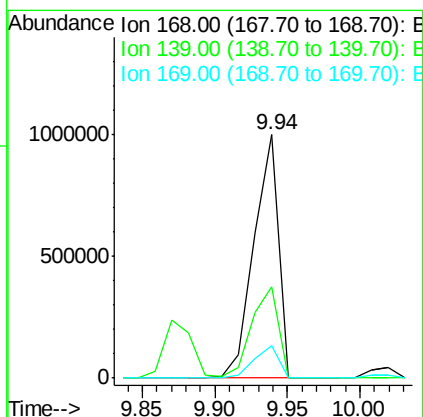
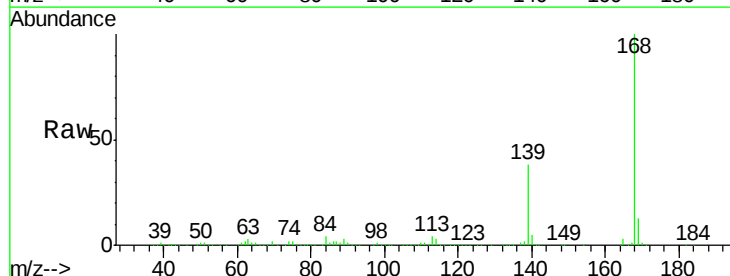
Instrument :
BNA_F
ClientSampleId :
PB88149BS

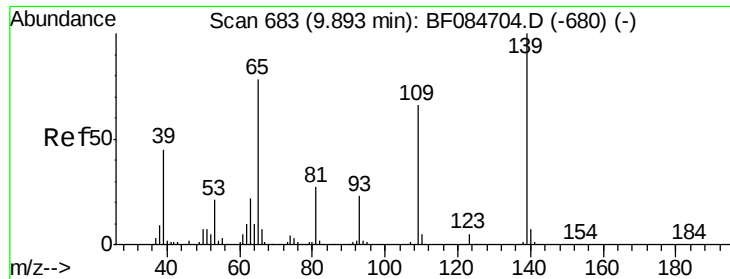
Tgt Ion:184 Resp: 207651
Ion Ratio Lower Upper
184 100
63 76.6 43.1 64.7#
154 72.3 60.5 90.7



#54
Dibenzofuran
Concen: 42.52 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:168 Resp: 1164609
Ion Ratio Lower Upper
168 100
139 37.6 30.5 45.7
169 13.2 10.4 15.6





#55

4-Nitrophenol

Concen: 67.53 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

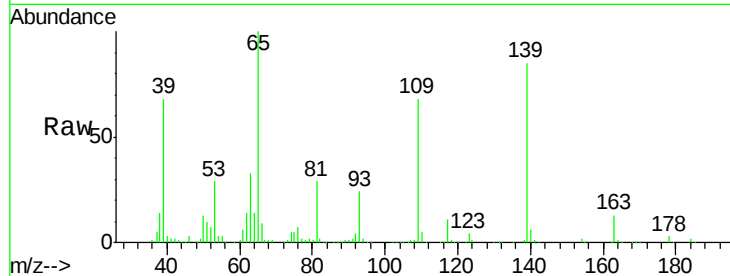
Tgt Ion:139 Resp: 320178

Ion Ratio Lower Upper

139 100

109 79.8 58.5 98.5

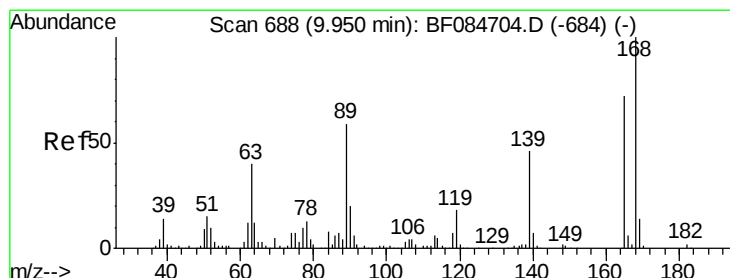
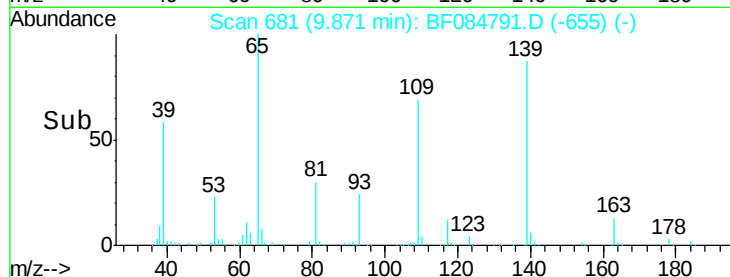
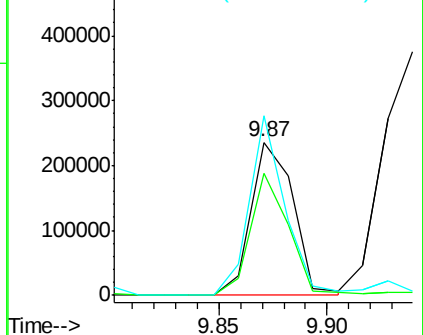
65 117.2 57.6 97.6#



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: 36.62 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:165 Resp: 268186

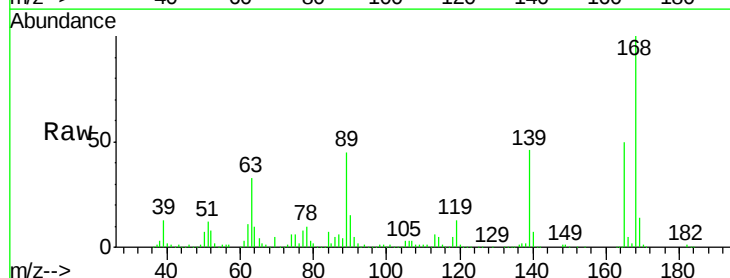
Ion Ratio Lower Upper

165 100

63 65.5 36.7 55.1#

89 89.9 61.9 92.9

182 2.0 2.0 3.0

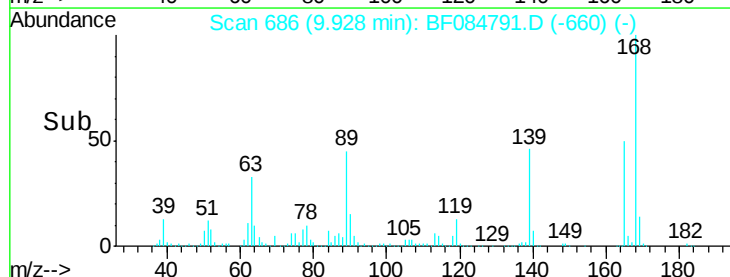
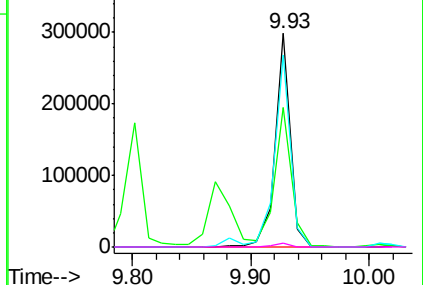


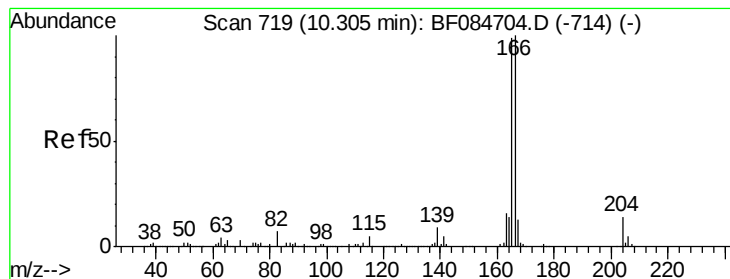
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.34 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

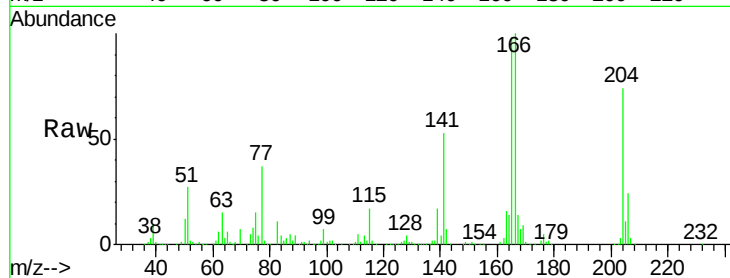
Tgt Ion:166 Resp: 853973

Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

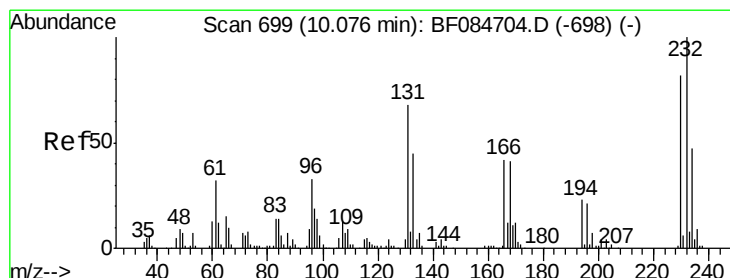
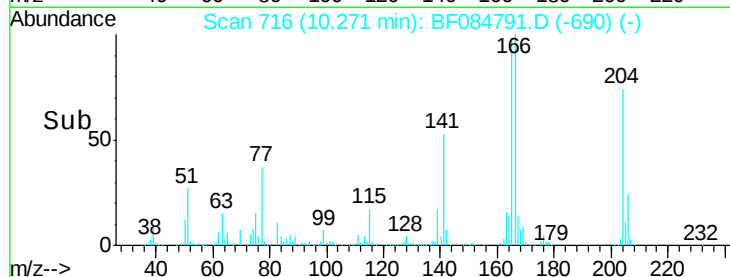
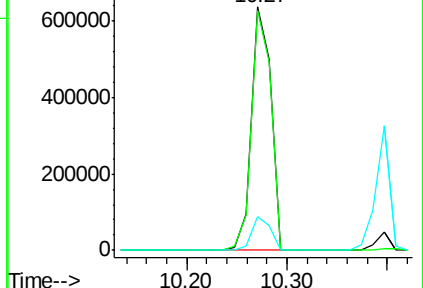
167 14.0 10.4 15.6



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: 38.44 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:232 Resp: 209896

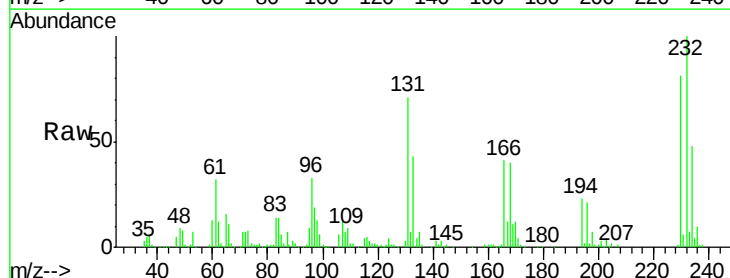
Ion Ratio Lower Upper

232 100

131 56.3 47.0 70.6

130 2.5 2.0 3.0

166 35.3 30.5 45.7

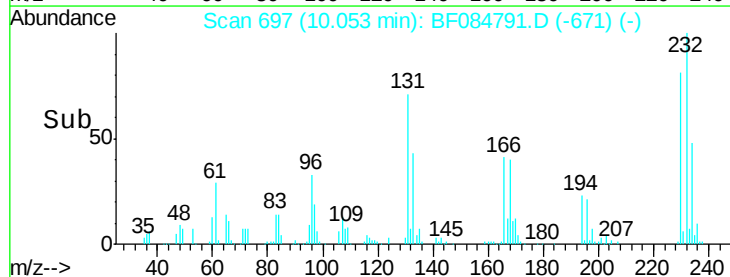
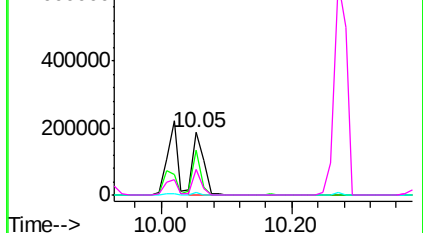


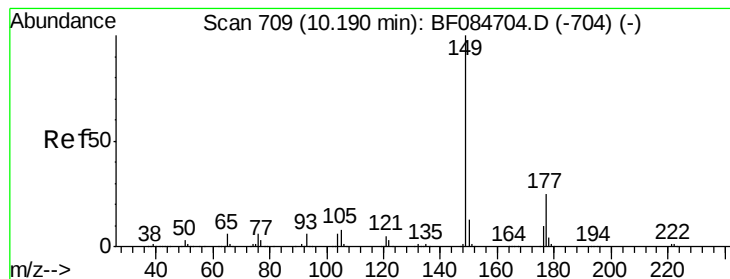
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.89 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

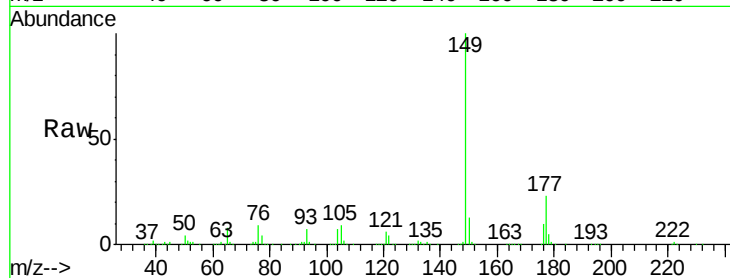
Tgt Ion:149 Resp: 1023646

Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

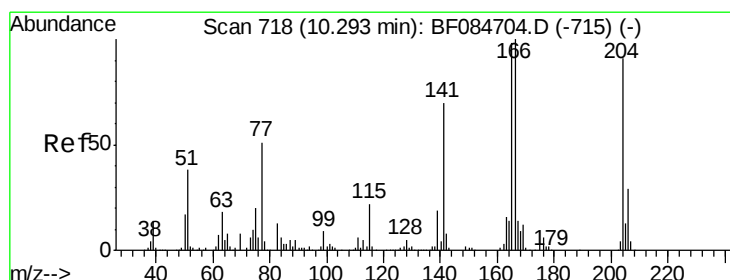
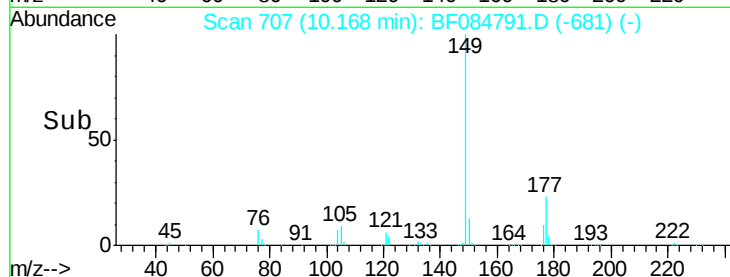
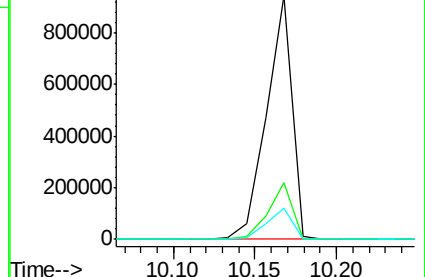
150 12.6 9.8 14.8



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: 40.88 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

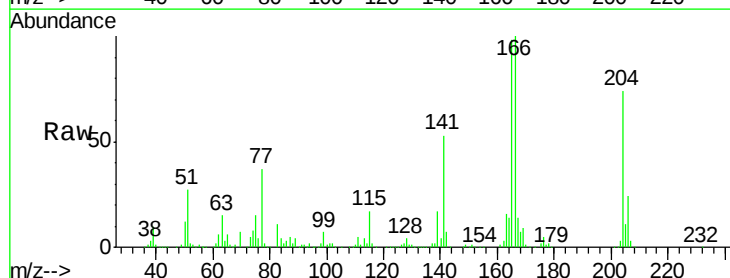
Tgt Ion:204 Resp: 399211

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

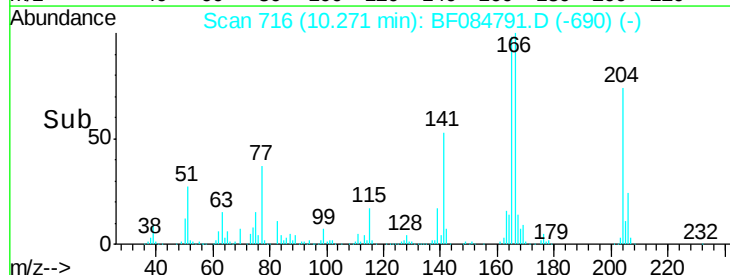
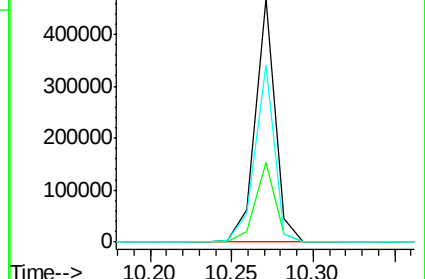
141 72.5 55.1 82.7

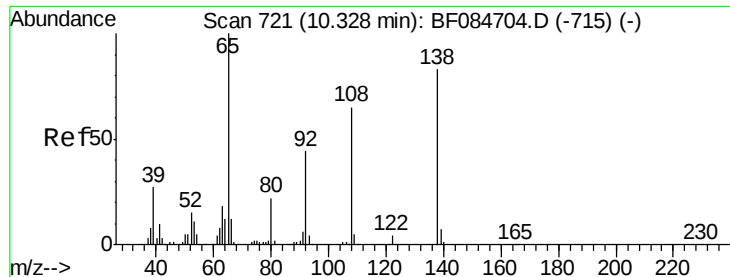


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

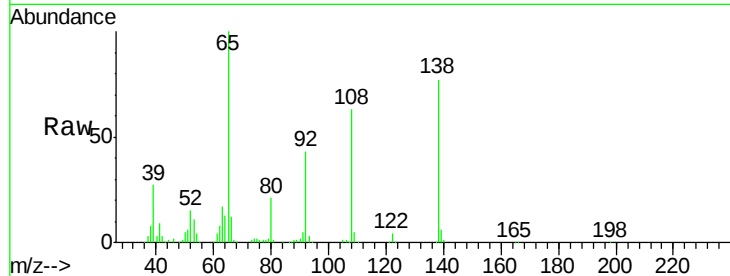




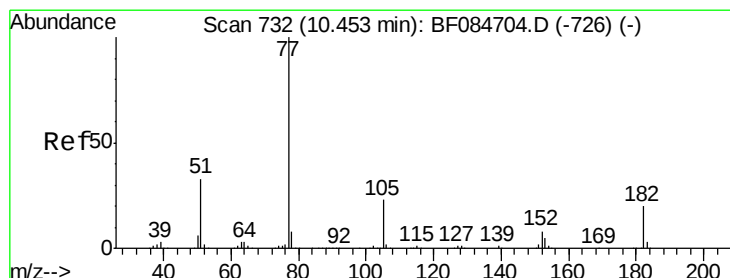
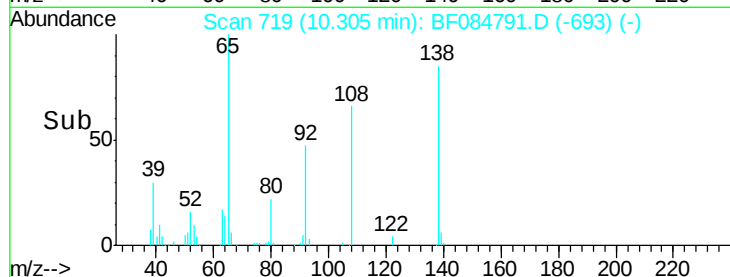
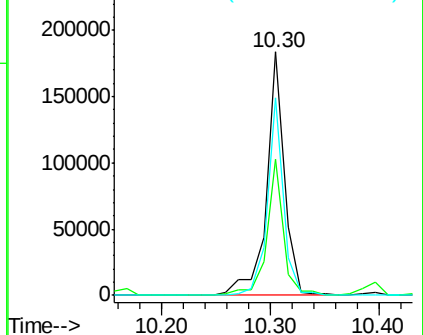
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion: 138 Resp: 213165
Ion Ratio Lower Upper
138 100
92 55.7 32.6 72.6
108 81.0 68.6 108.6

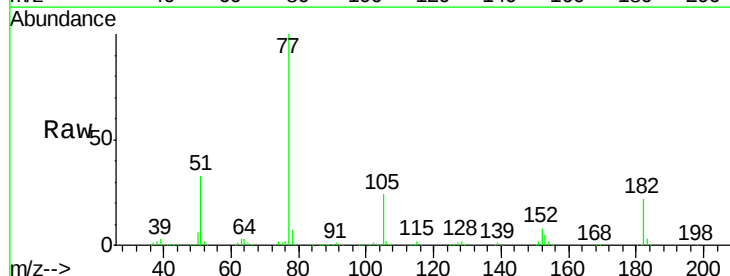


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

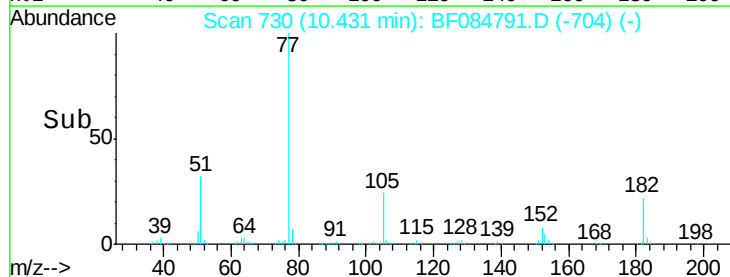
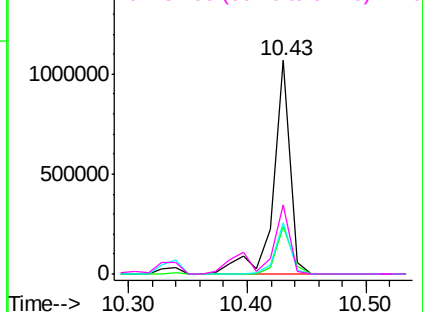


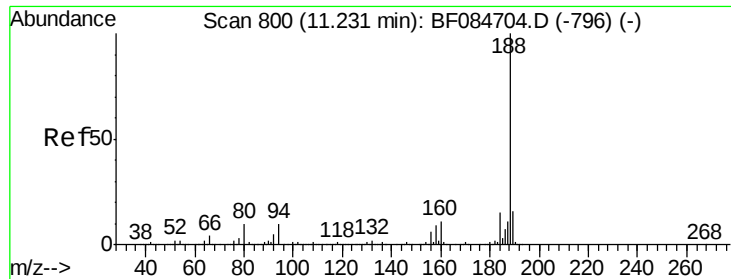
#62
Azobenzene
Concen: 42.30 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion: 77 Resp: 1043750
Ion Ratio Lower Upper
77 100
182 22.1 8.3 48.3
105 24.1 4.6 44.6
51 32.5 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

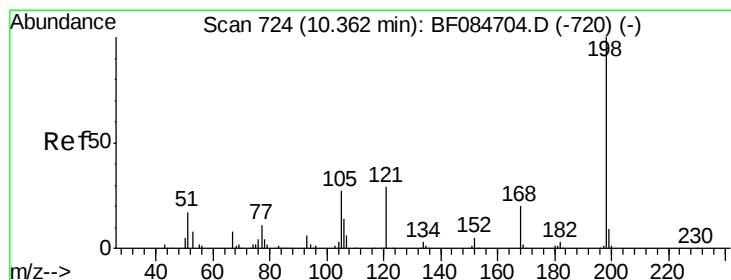
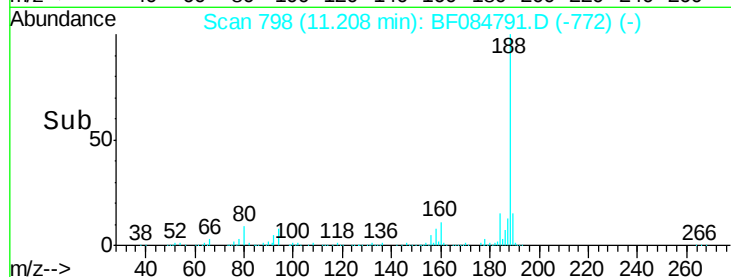
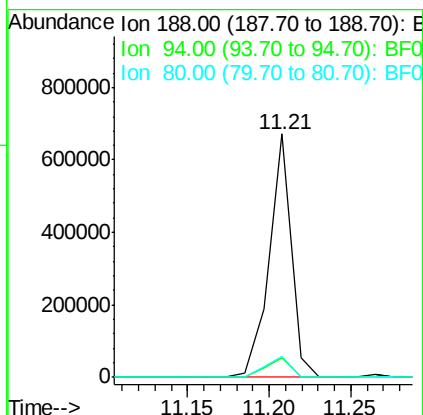
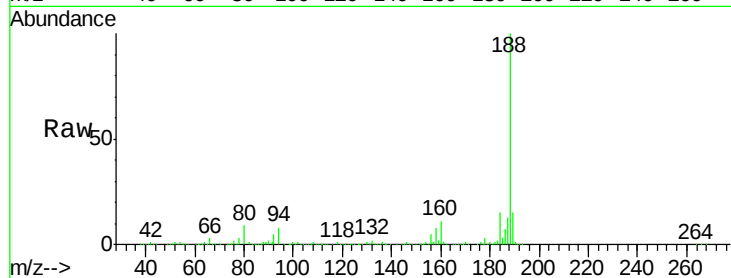




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

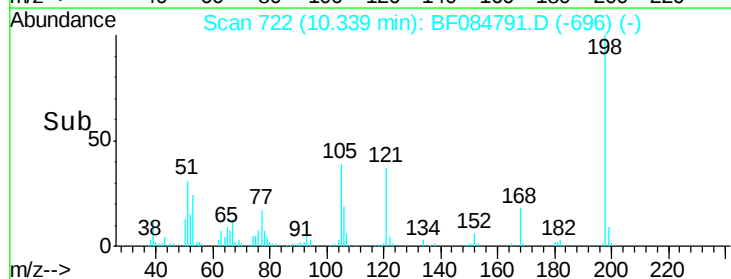
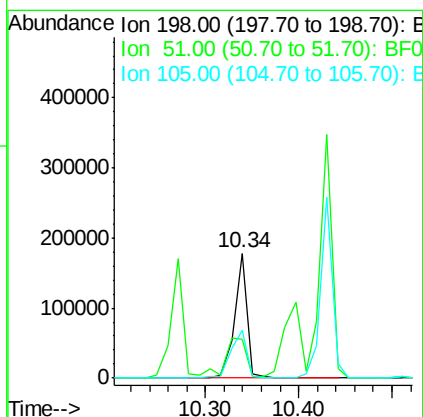
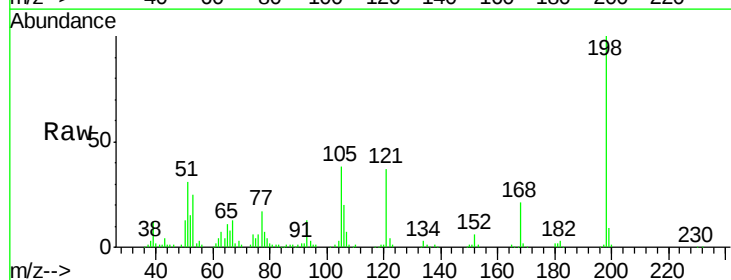
Instrument :
BNA_F
ClientSampleId :
PB88149BS

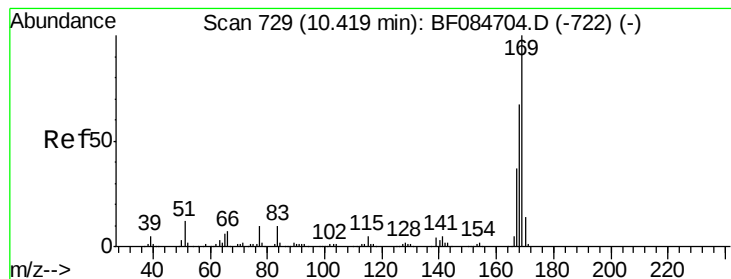
Tgt Ion:188 Resp: 637099
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.7 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.46 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:198 Resp: 170890
Ion Ratio Lower Upper
198 100
51 31.3 18.9 58.9
105 38.4 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.36 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

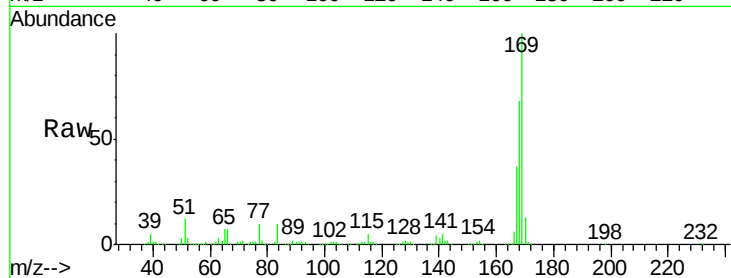
Tgt Ion:169 Resp: 836665

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

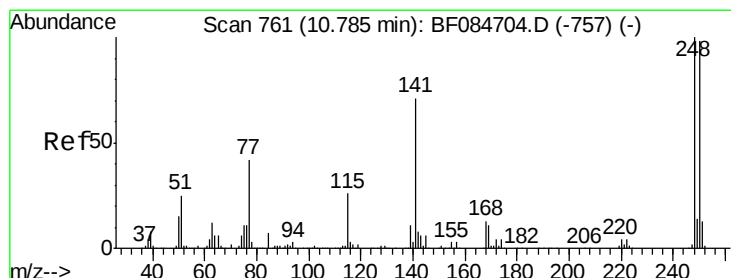
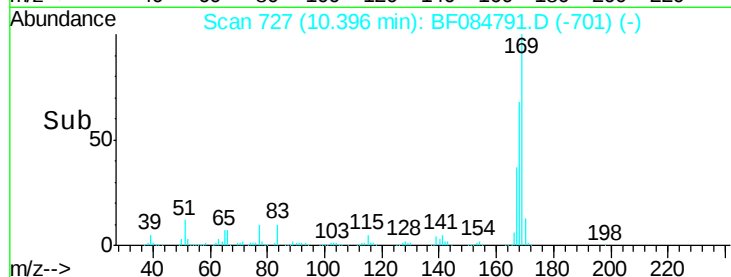
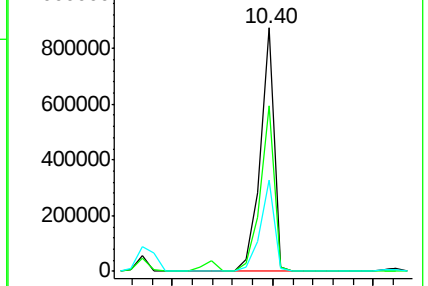
167 37.5 30.0 45.0



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: 40.99 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

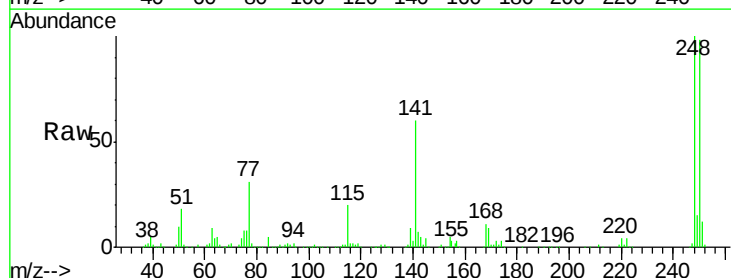
Tgt Ion:248 Resp: 288420

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

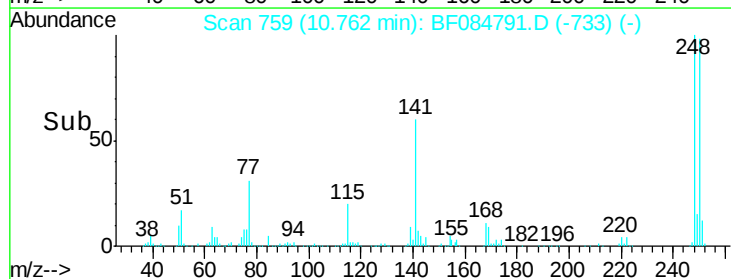
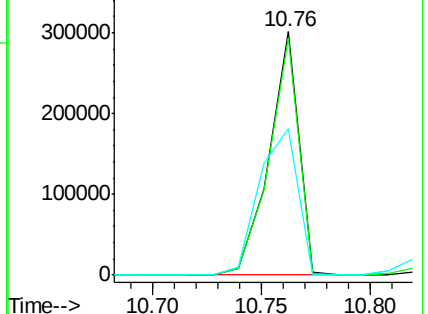
141 60.1 44.0 66.0



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

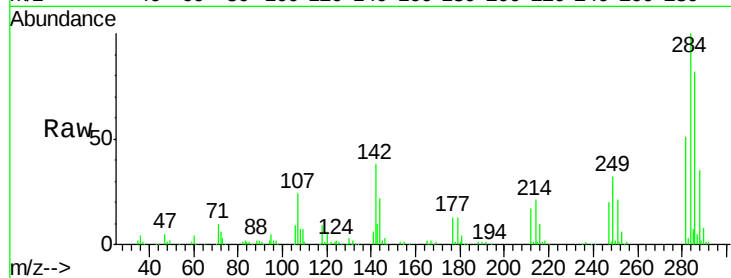




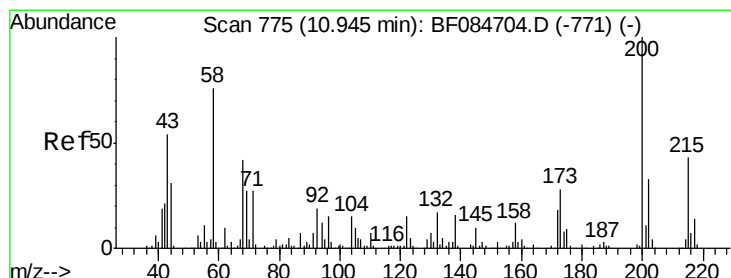
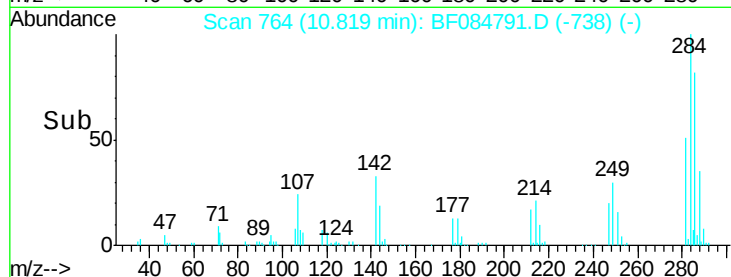
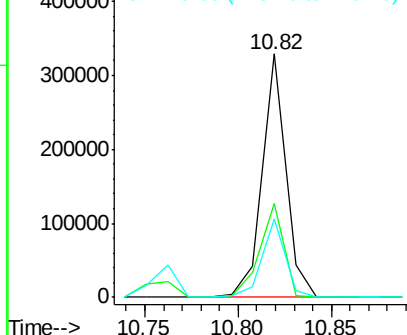
#67
Hexachlorobenzene
Concen: 37.55 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tgt Ion:284 Resp: 287929
Ion Ratio Lower Upper
284 100
142 38.4 22.2 33.4#
249 32.4 24.6 37.0

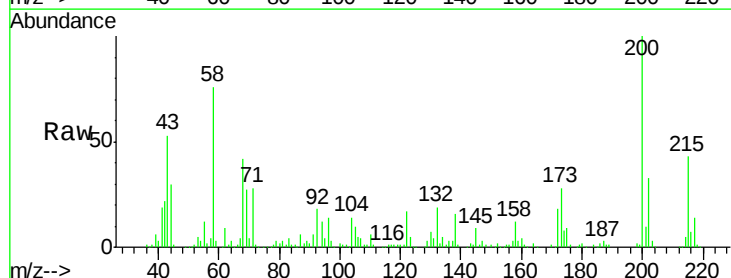


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

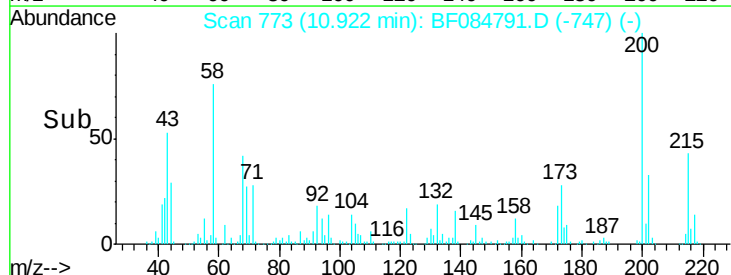
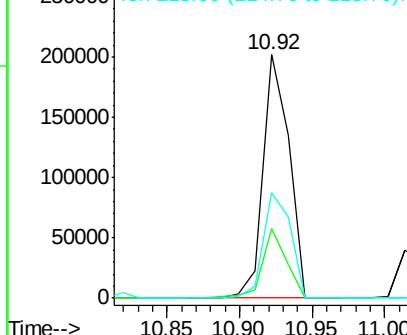


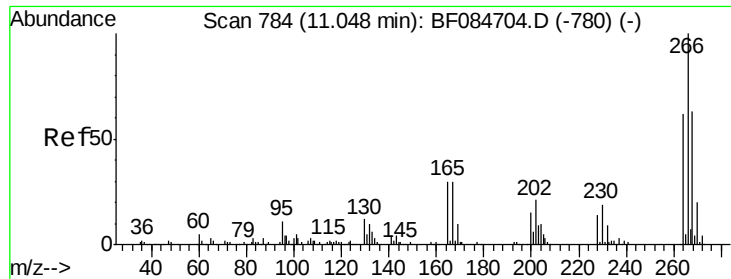
#68
Atrazine
Concen: 39.12 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion:200 Resp: 249910
Ion Ratio Lower Upper
200 100
173 28.4 9.5 49.5
215 43.2 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

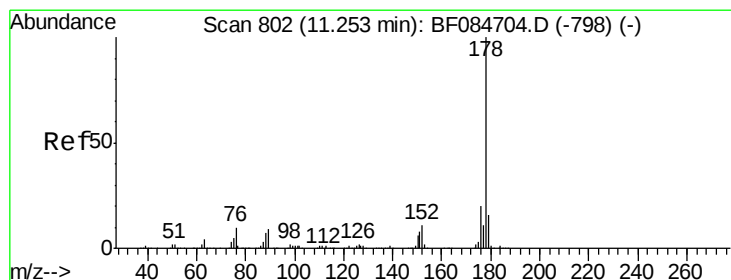
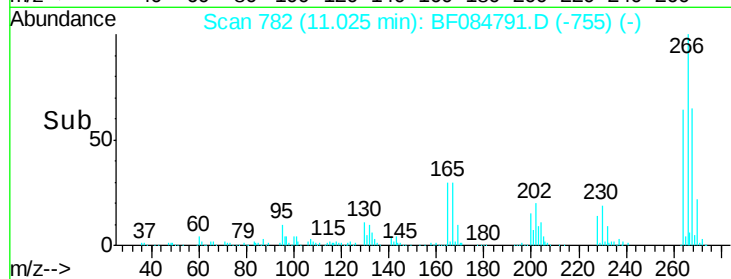
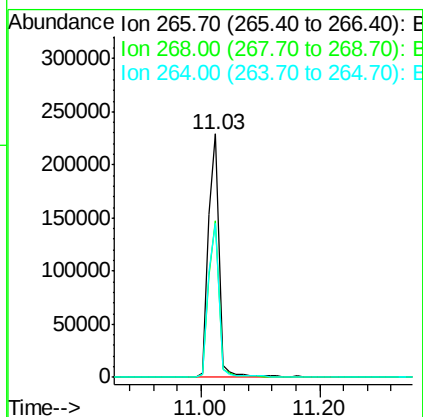
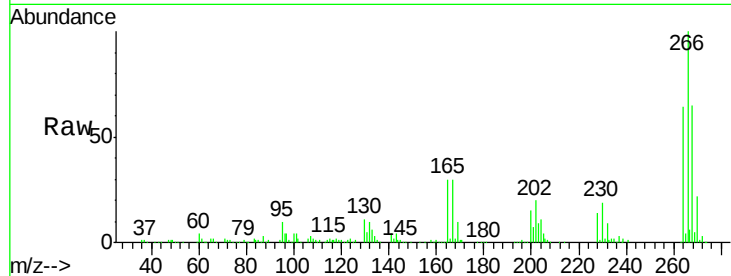




#69
 Pentachlorophenol
 Concen: 80.56 ng
 RT: 11.03 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

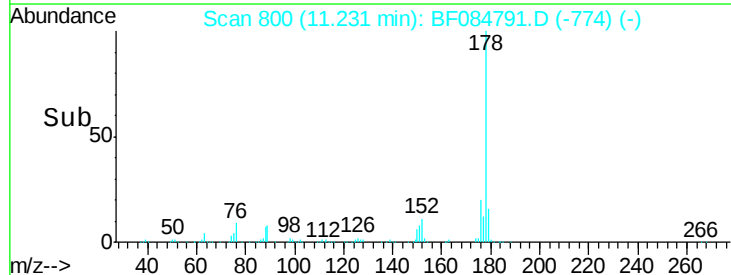
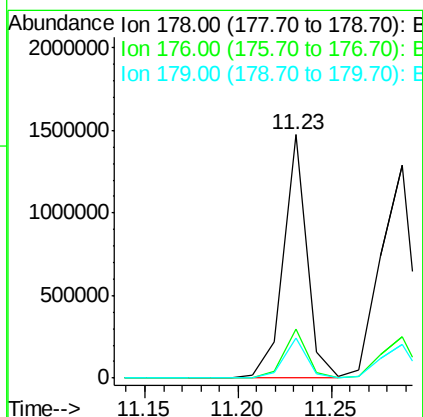
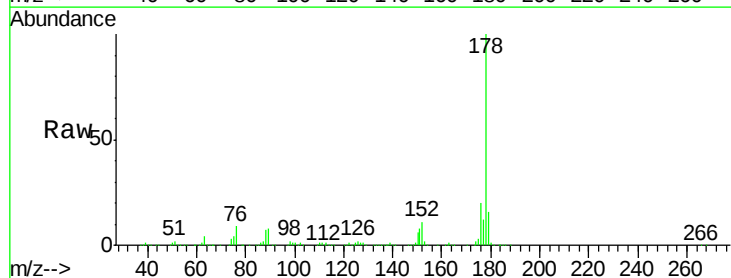
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

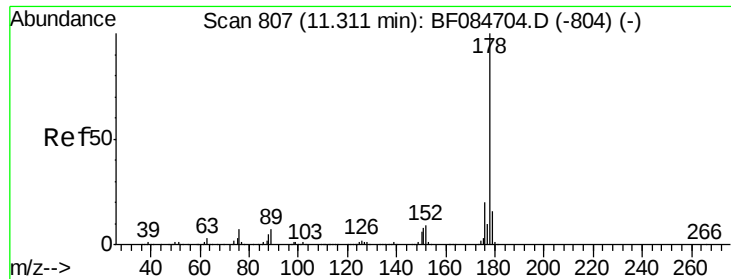
Tgt Ion:266 Resp: 290305
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 63.5 50.2 75.2



#70
 Phenanthrene
 Concen: 36.50 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:178 Resp: 1289643
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 16.3 12.0 18.0

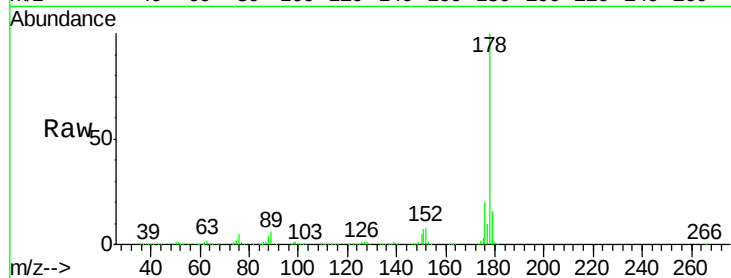




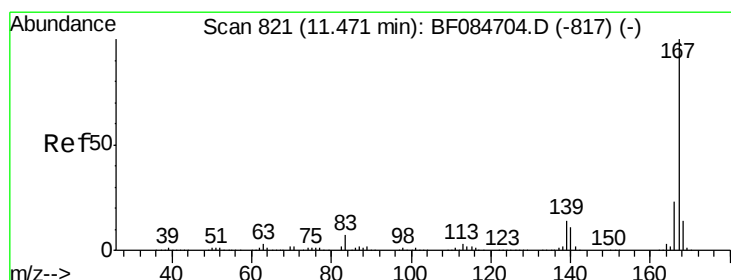
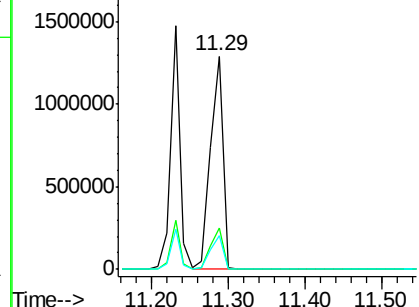
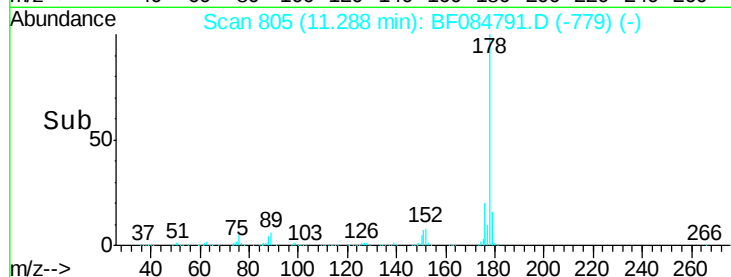
#71
 Anthracene
 Concen: 40.42 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:178 Resp: 1439090
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.7 12.5 18.7

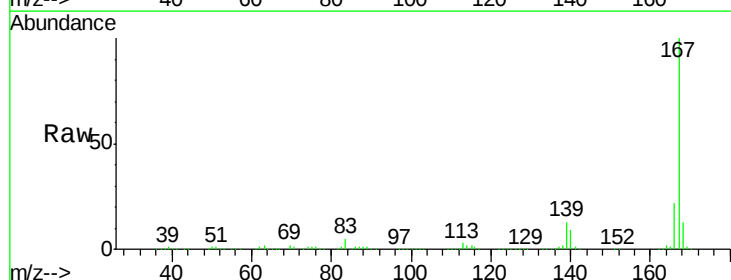


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

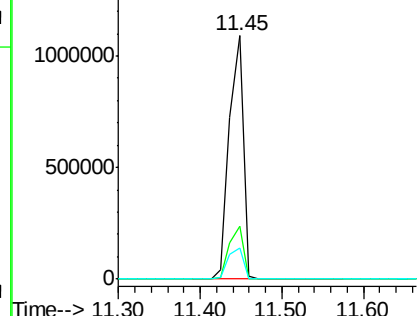
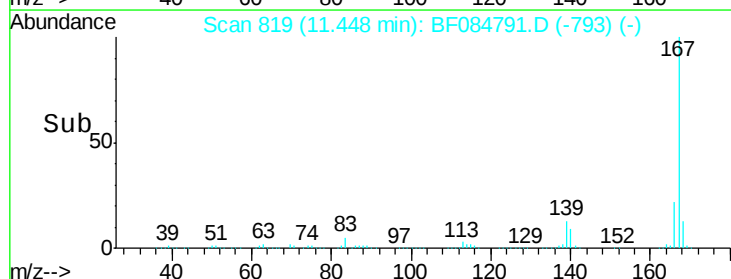


#72
 Carbazole
 Concen: 41.74 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:167 Resp: 1295840
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.17 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

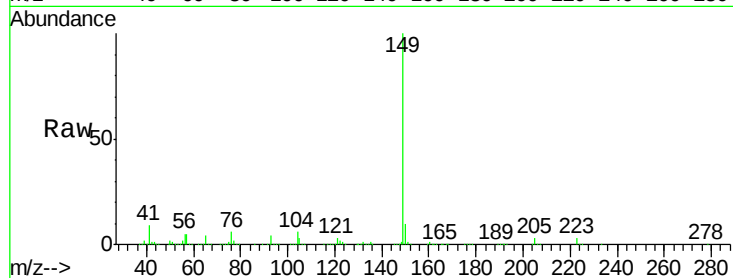
Tgt Ion:149 Resp: 1390027

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

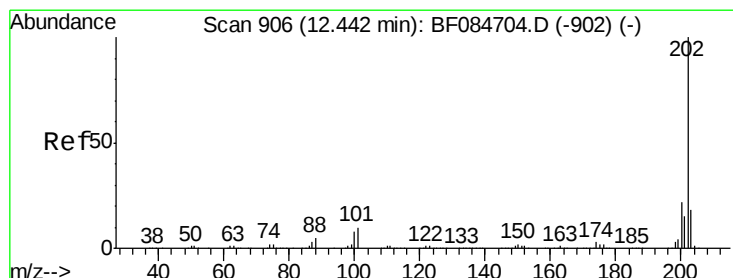
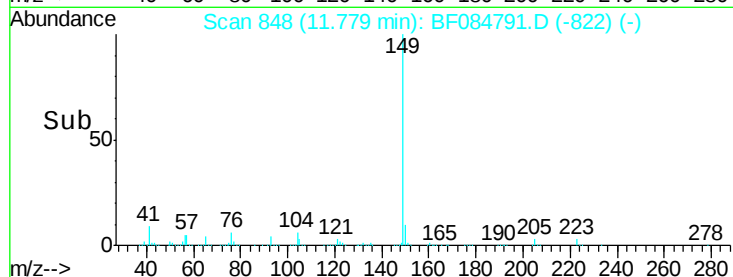
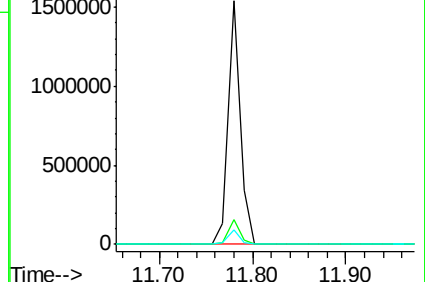
104 5.8 3.2 4.8#



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: 40.91 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

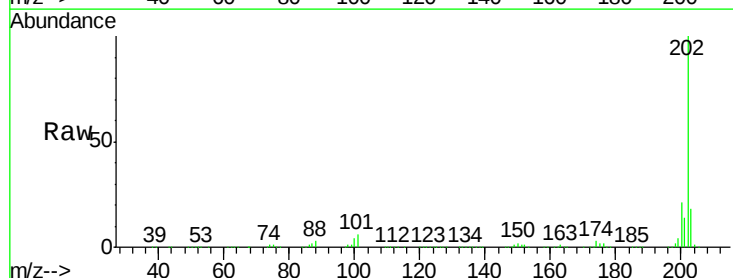
Tgt Ion:202 Resp: 1462993

Ion Ratio Lower Upper

202 100

101 5.9 0.0 32.8

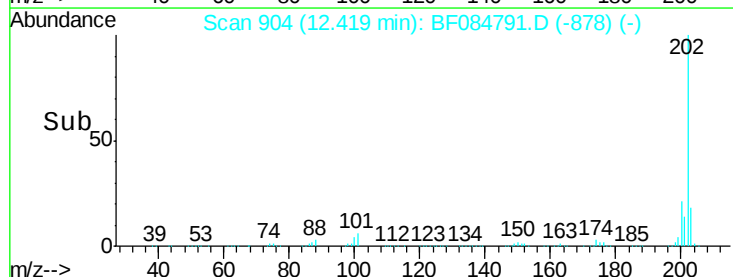
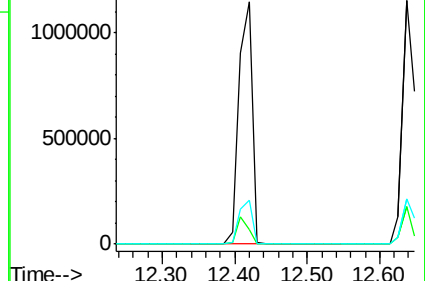
203 18.0 0.0 37.9

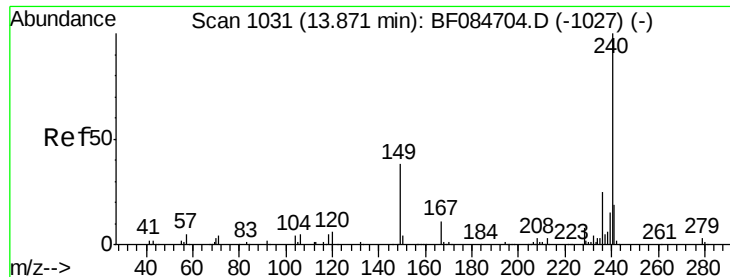


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

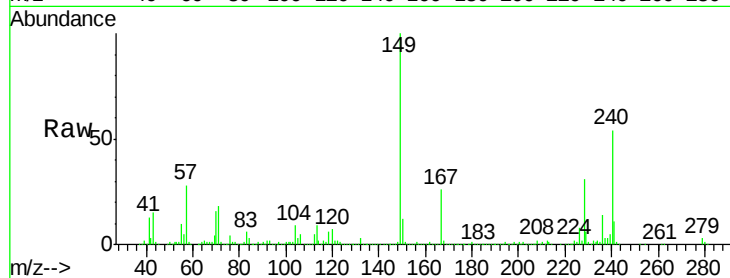
Tgt Ion:240 Resp: 460208

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

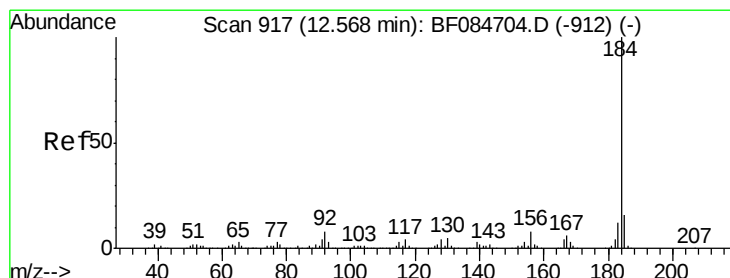
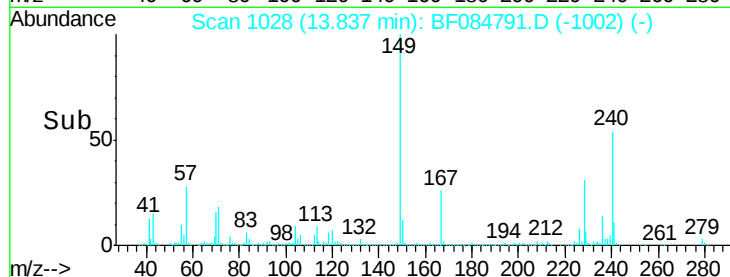
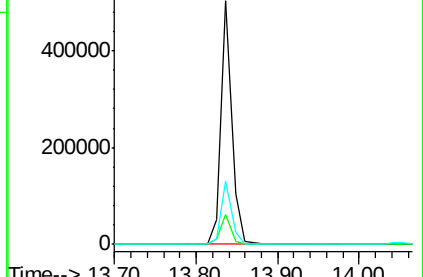
236 25.8 20.6 31.0



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: 34.20 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

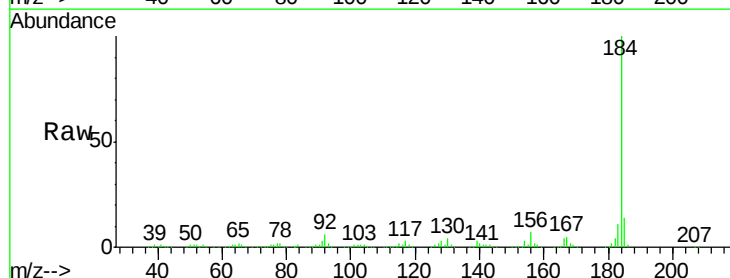
Tgt Ion:184 Resp: 558025

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

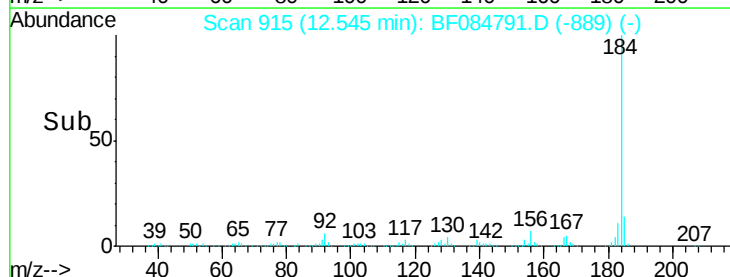
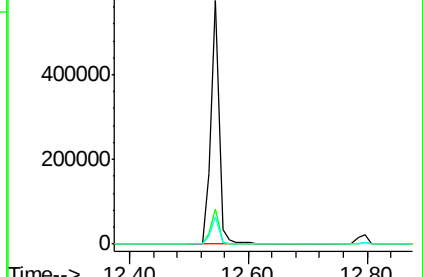
183 11.4 9.8 14.8

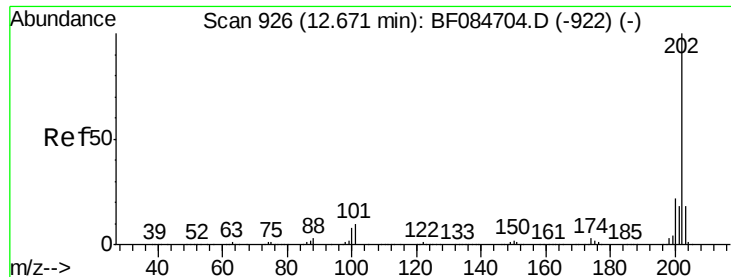


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



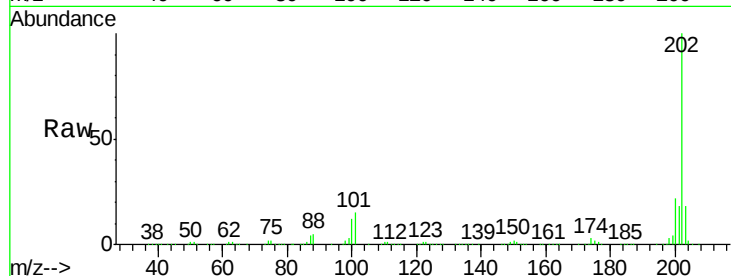


#77
 Pyrene
 Concen: 39.32 ng
 RT: 12.64 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

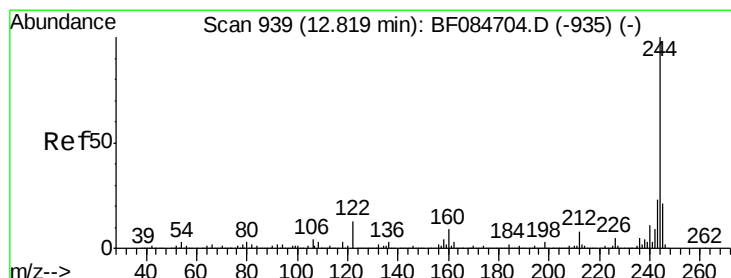
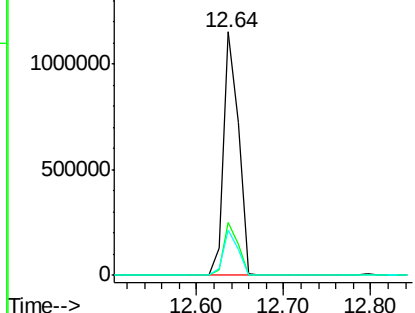
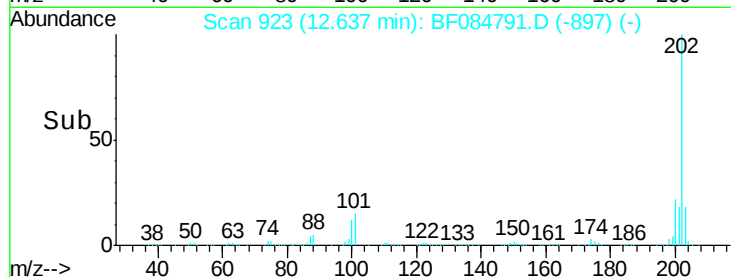
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion: 202 Resp: 1385297

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.3	14.3	21.5



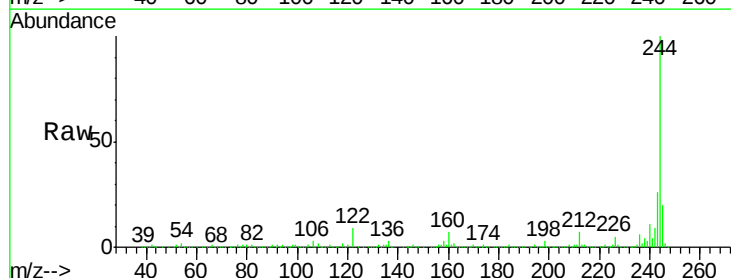
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



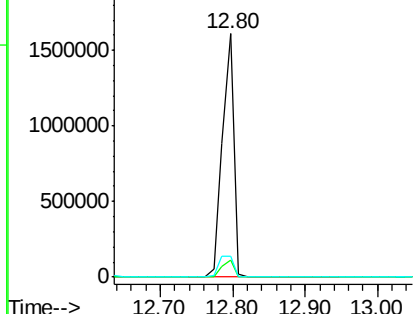
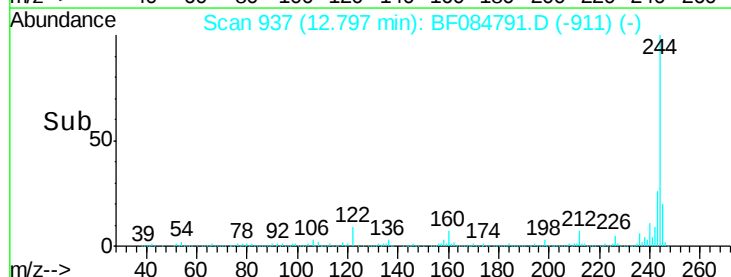
#78
 Terphenyl-d14
 Concen: 87.36 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

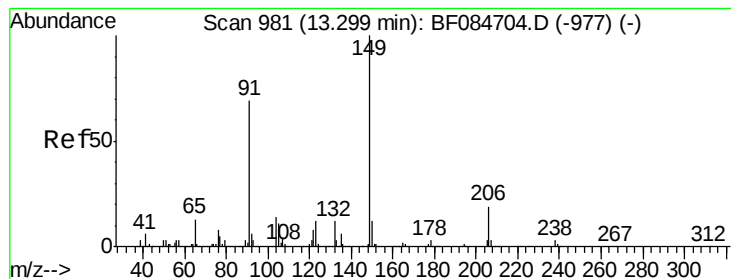
Tgt Ion: 244 Resp: 1774092

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.8	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: 42.09 ng

RT: 13.28 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

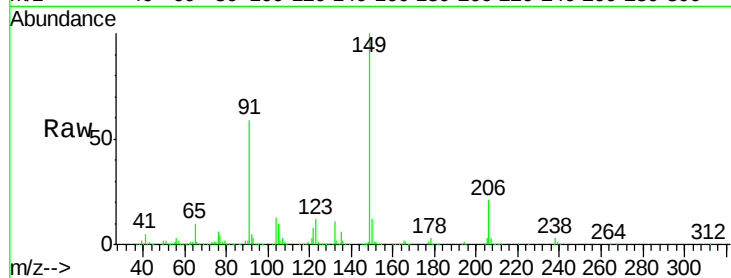
Tgt Ion:149 Resp: 672778

Ion Ratio Lower Upper

149 100

91 58.6 57.6 86.4

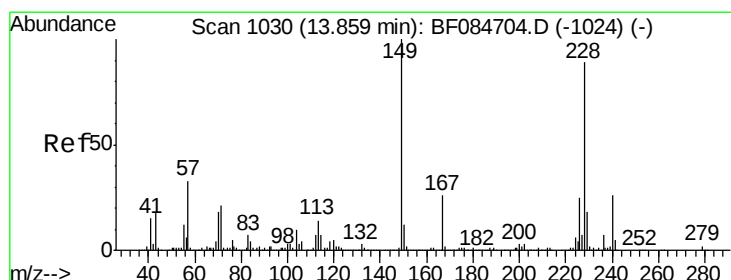
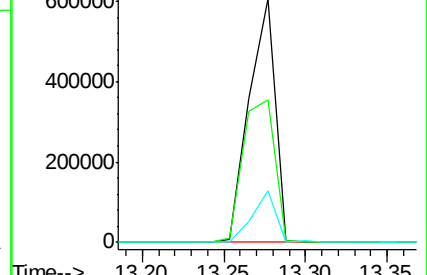
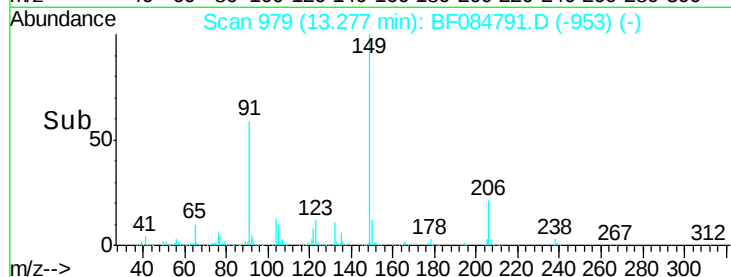
206 21.1 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.16 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

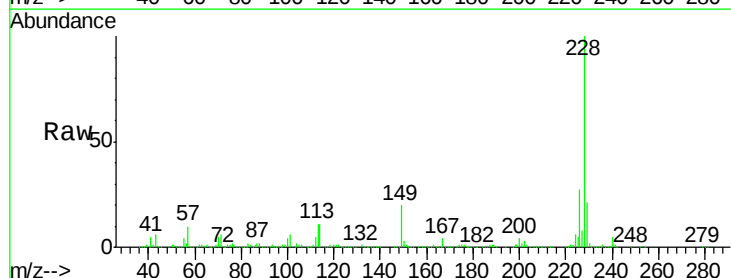
Tgt Ion:228 Resp: 1147059

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

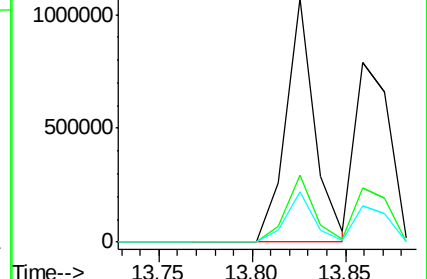
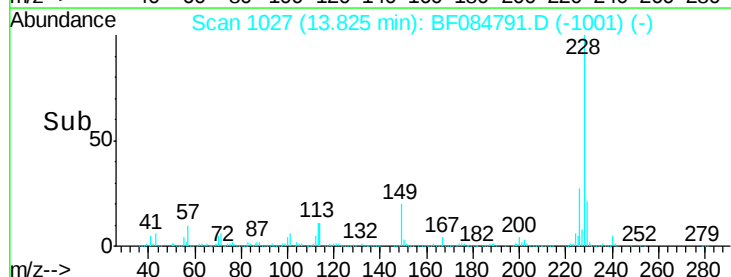
229 20.7 15.8 23.8

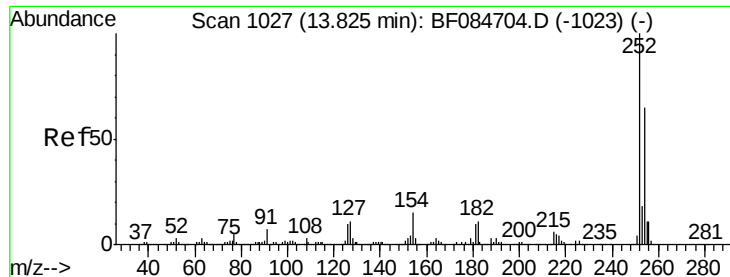


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

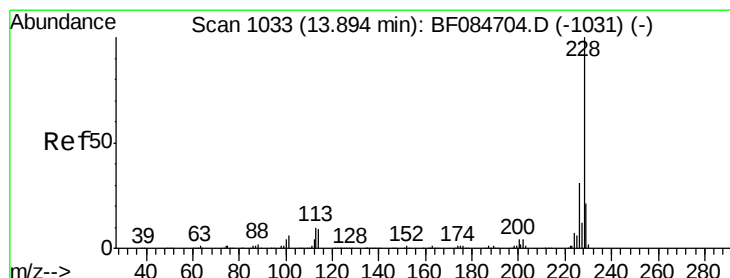
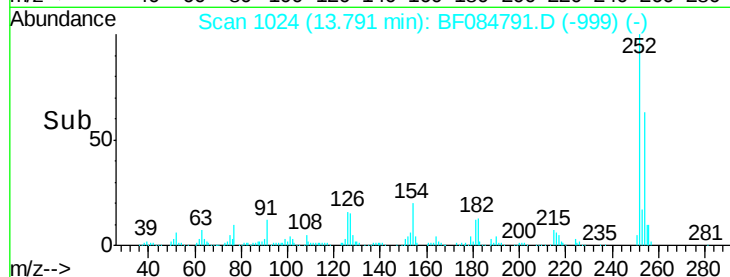
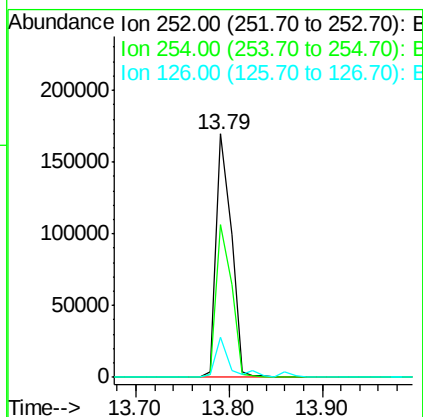
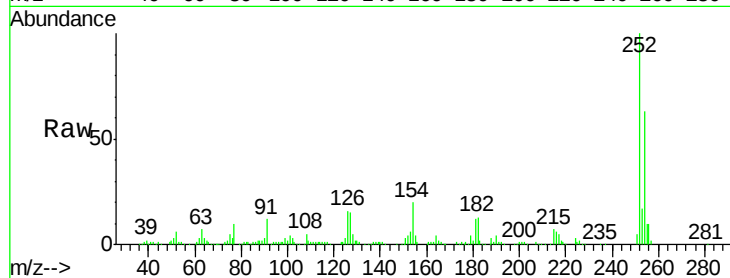




#81
 3,3'-Dichlorobenzidine
 Concen: 19.04 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

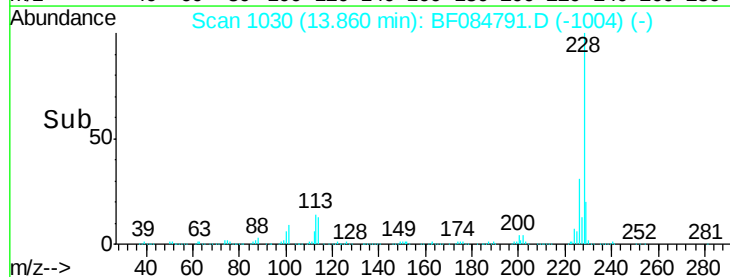
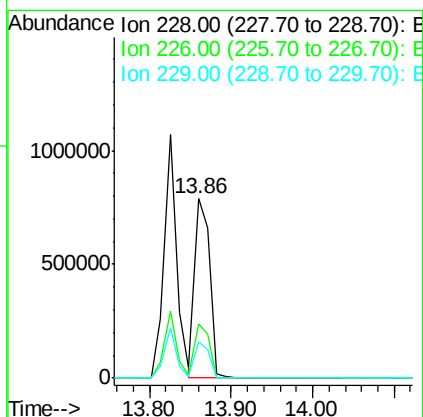
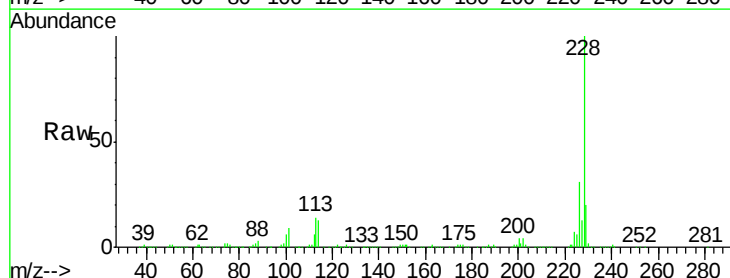
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tgt Ion:252 Resp: 192606
 Ion Ratio Lower Upper
 252 100
 254 62.8 53.5 80.3
 126 16.4 4.9 7.3#



#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:228 Resp: 1020151
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 20.4 16.1 24.1

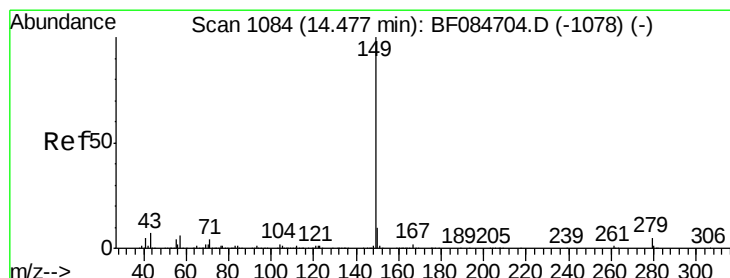
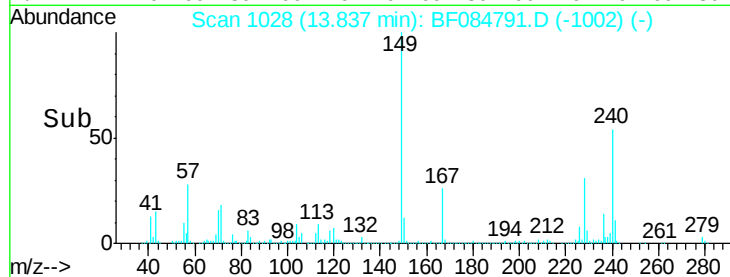
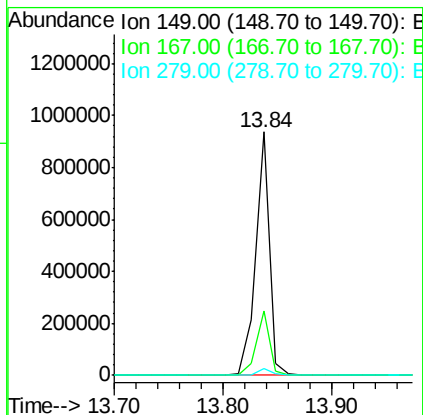
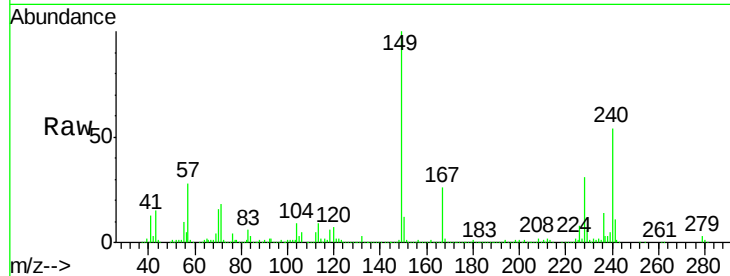




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.75 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

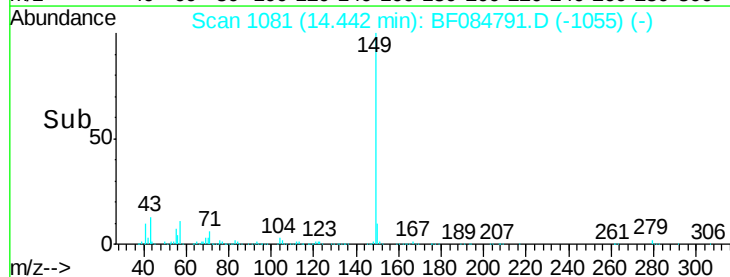
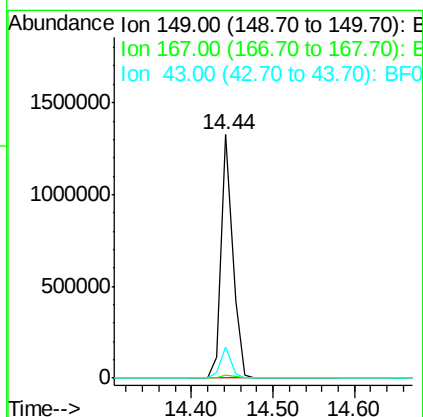
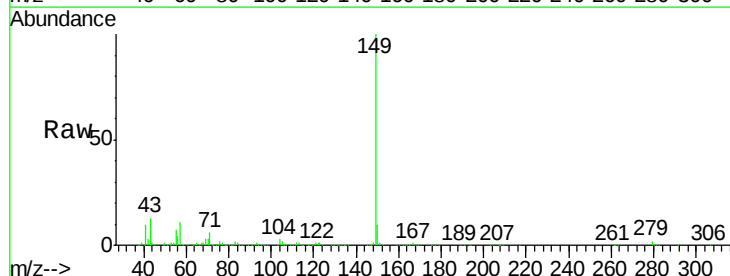
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

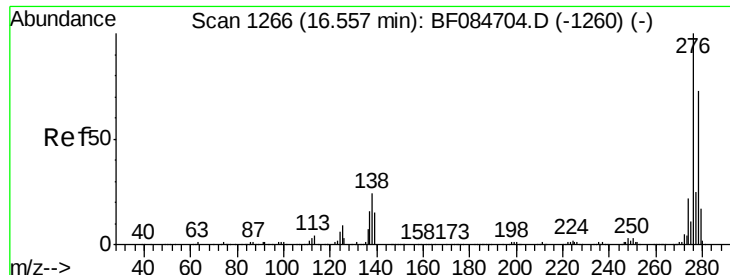
Tgt Ion:149 Resp: 830525
 Ion Ratio Lower Upper
 149 100
 167 26.4 19.7 29.5
 279 3.0 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 39.34 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:149 Resp: 1291210
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 5.6 8.4#

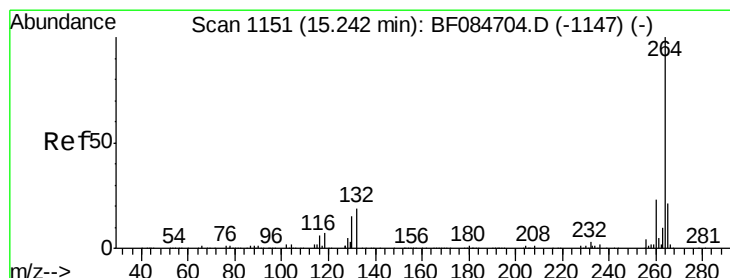
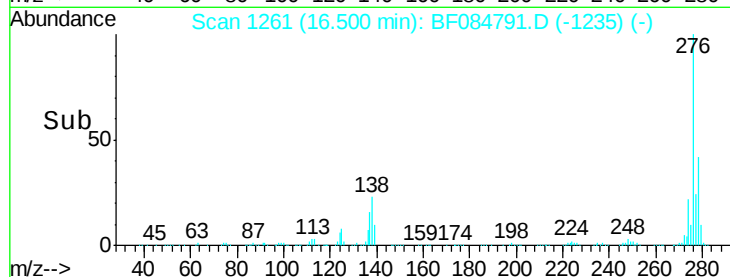
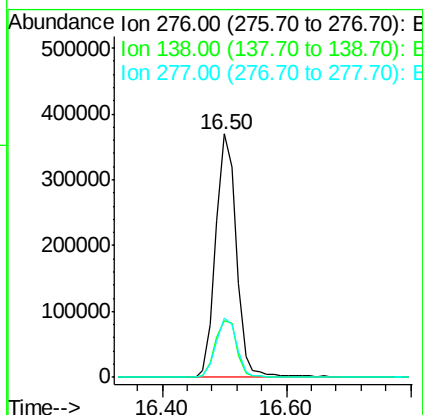
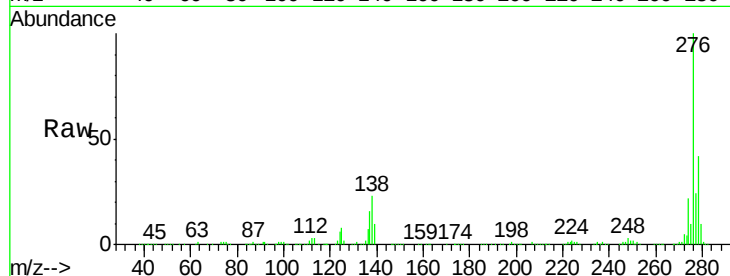




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.89 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

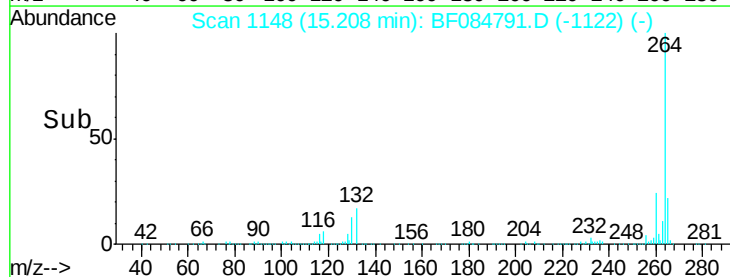
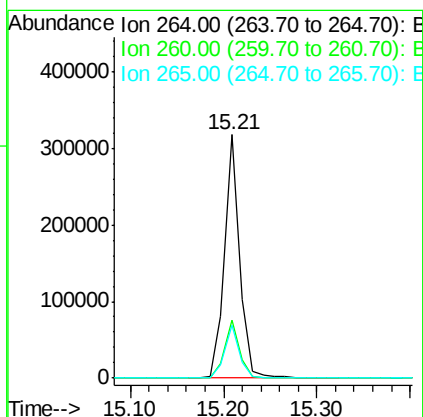
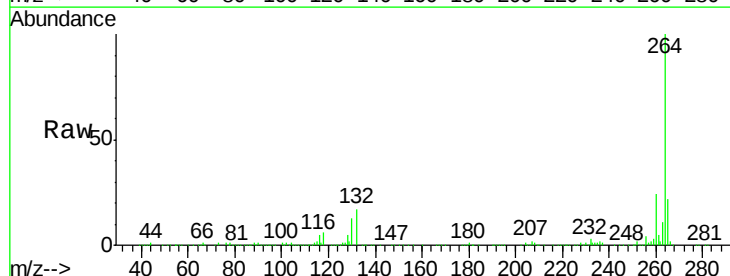
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

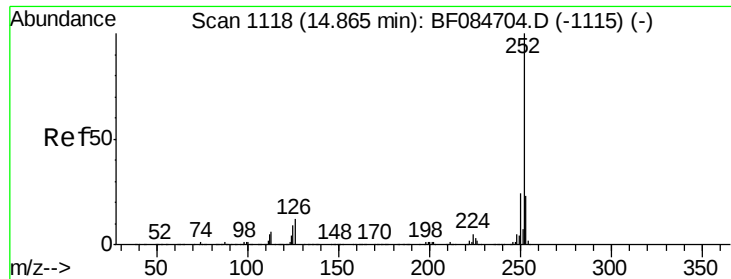
Tgt Ion: 276 Resp: 847894
 Ion Ratio Lower Upper
 276 100
 138 24.5 20.6 30.8
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion: 264 Resp: 358872
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.8 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 74.01 ng

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

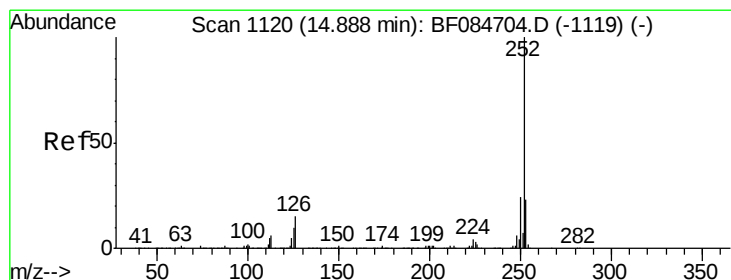
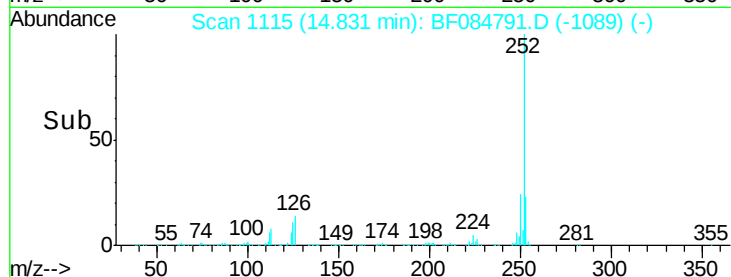
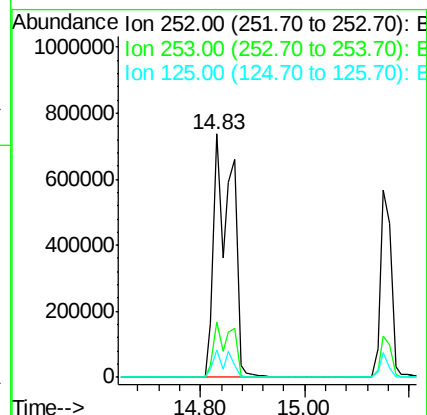
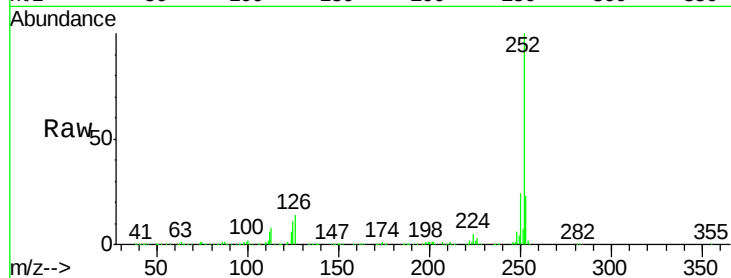
Tgt Ion:252 Resp: 1784489

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 11.0 6.5 9.7#



#88

Benzo(k)fluoranthene

Concen: 89.57 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

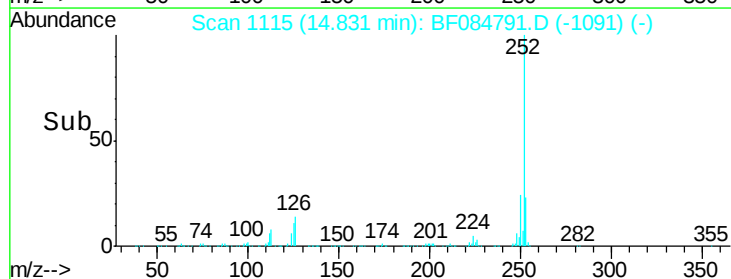
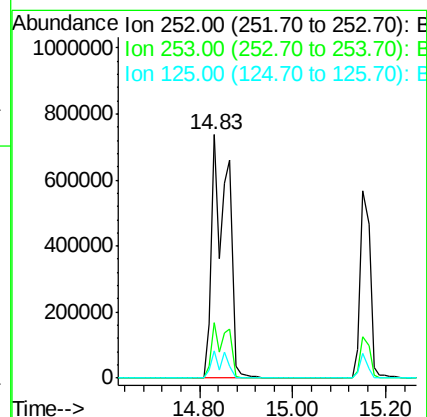
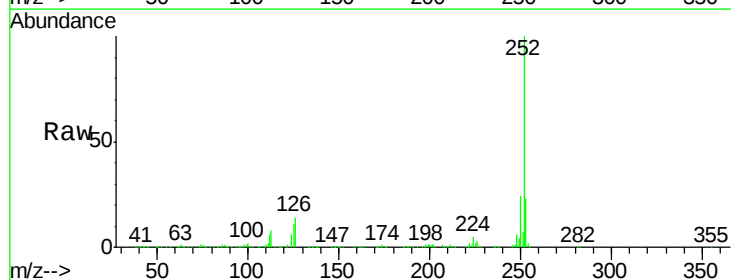
Tgt Ion:252 Resp: 1785685

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 11.0 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.47 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

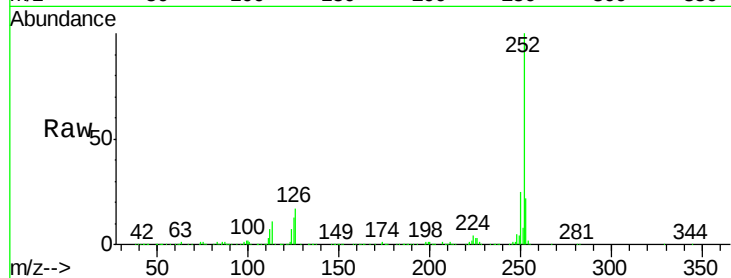
Tgt Ion:252 Resp: 810878

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

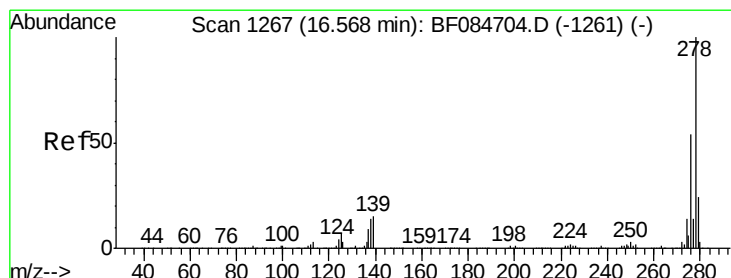
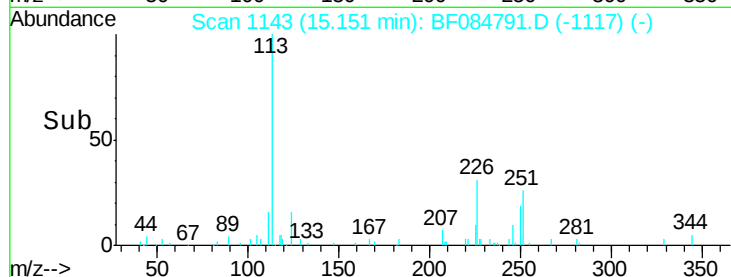
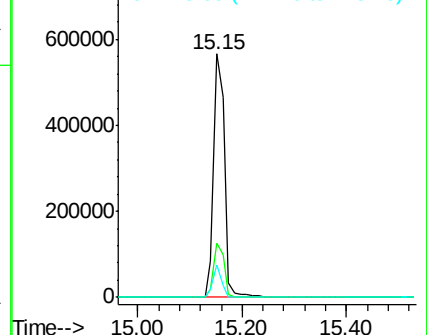
125 13.5 7.0 10.4#



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: 41.02 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

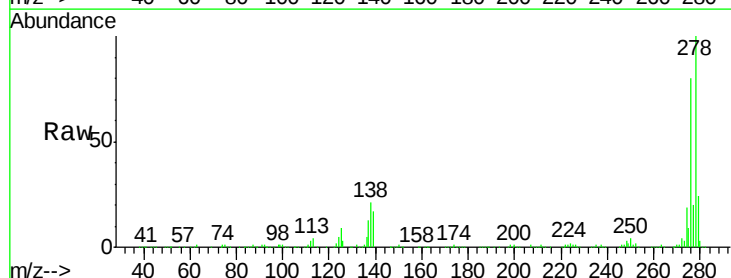
Tgt Ion:278 Resp: 709473

Ion Ratio Lower Upper

278 100

139 16.7 15.0 22.4

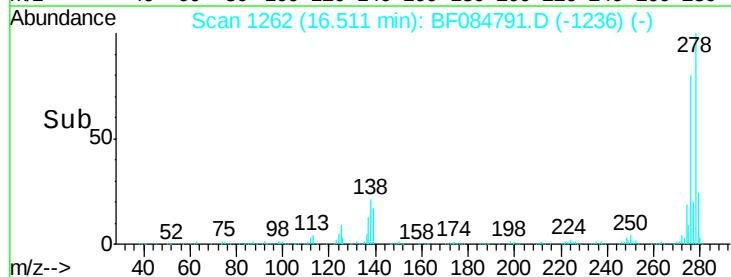
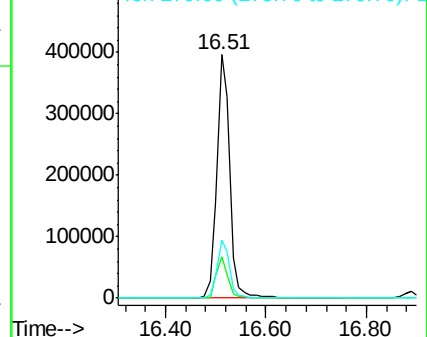
279 24.0 18.9 28.3

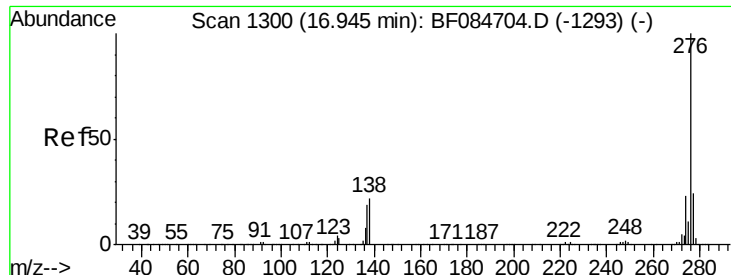


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.36 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF084791.D

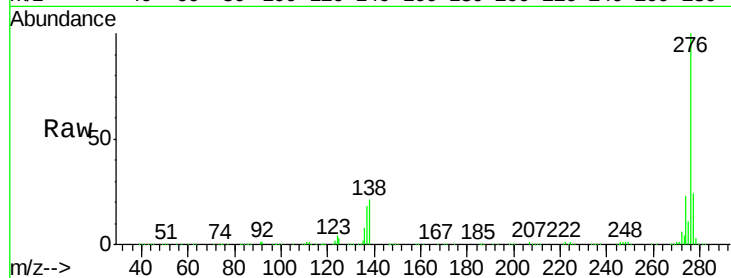
Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS



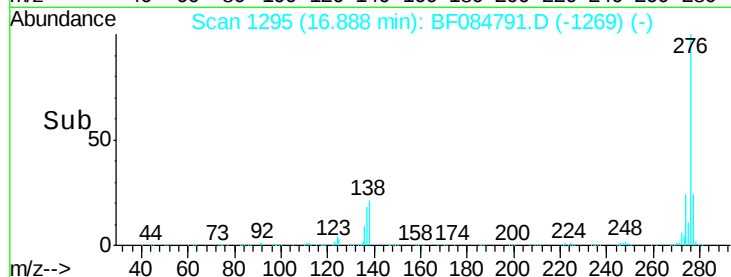
Tgt Ion: 276 Resp: 720471

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.1 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

Time-->

16.89

400000

300000

200000

100000

0

16.80

17.00

17.20